LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EW945

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP014971.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.017	102	107	114	rVB	208991	266929	2.00%	0.224%
2	4.252	142	147	153	rVB	97079	137510	1.03%	0.115%
3	5.299	319	325	331	rBV	120951	180729	1.36%	0.152%
4	5.622	375	380	387	rVB	334347	469019	3.52%	0.393%
5	5.758	397	403	411	rBV	175656	299752	2.25%	0.251%
6	6.116	458	464	473	rVB2	467038	887073	6.66%	0.744%
7	6.628	544	551	558	rBV	311953	495609	3.72%	0.416%
8	7.128	628	636	642	rBV	87121	155304	1.17%	0.130%
9	7.311	659	667	675	rVV	433399	888764	6.67%	0.746%
10	7.481	691	696	702	rBV	393603	621048	4.66%	0.521%
11	7.693	726	732	740	rBV	439664	717280	5.39%	0.602%
12	8.169	803	813	820	rBV	818064	1361753	10.23%	1.142%
13	8.875	928	933	941	rVV	459278	756578	5.68%	0.635%
14	9.005	948	955	962	rVV2	83663	169845	1.28%	0.142%
15	9.346	1006	1013	1018	rVV	403807	692992	5.20%	0.581%
16	9.399	1018	1022	1027	rVB2	99960	157607	1.18%	0.132%
17	10.075	1129	1137	1142	rBV	291498	500730	3.76%	0.420%
18	10.616	1224	1229	1237	rVB	427617	726154	5.45%	0.609%
19	10.963	1283	1288	1290	rBV	115661	184959	1.39%	0.155%
20	11.004	1290	1295	1301	rVV	998754	1697220	12.74%	1.424%
21	11.057	1301	1304	1310	rVV	99107	157615	1.18%	0.132%
22	11.140	1310	1318	1328	rVV2	264650	599178	4.50%	0.503%
23	11.904	1442	1448	1456	rVB4	90666	167331	1.26%	0.140%
24	12.010	1461	1466	1471	rBV	130940	200778	1.51%	0.168%
25	12.399	1527	1532	1541	rBV	168711	254580	1.91%	0.214%
26	12.651	1571	1575	1582	rVB	192866	298850	2.24%	0.251%
27	12.869	1606	1612	1619	rVB2	90899	162139	1.22%	0.136%
28	13.340	1685	1692	1699	rVB	193785	307257	2.31%	0.258%
29	13.622	1735	1740	1749	rBV2	218122	376743	2.83%	0.316%
30	13.993	1796	1803	1809	rVB4	99132	253432	1.90%	0.213%
31	14.134	1822	1827	1832	rBV	140718	238335	1.79%	0.200%
32	14.210	1832	1840	1845	rBV	758934	1142645	8.58%	0.959%
33	14.275	1847	1851	1855	rVB2	273515	341746	2.57%	0.287%
34	14.369	1863	1867	1870	rBV	113059	140703	1.06%	0.118%
35	14.510	1885	1891	1894	rBV	930569	1515767	11.38%	1.272%
36	14.687	1917	1921	1926	rBV	215893	270288	2.03%	0.227%

LSC Area Percent Report

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Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Title : SVOA CALIBRATION

37	14.816	1937	1943	1949	rVB3	1866692	3351296	25.17%	2.811%
38	15.016	1970	1977	1985	rBV5	78705	228585	1.72%	0.192%
39	15.092	1985	1990	1994	rBV2	142578	237390	1.78%	0.199%
40	15.204	2003	2009	2016	rVB3	125299	217802	1.64%	0.183%
41	15.428	2042	2047	2051	rBV	107018	171632	1.29%	0.144%
42	15.592	2068	2075	2079	rBV3	152051	322417	2.42%	0.270%
43	15.640	2079	2083	2087	rVB2	239724	321339	2.41%	0.270%
44	15.804	2106	2111	2116	rBV	1149470	1554614	11.67%	1.304%
45	15.845	2116	2118	2124	rVB2	126605	177827	1.34%	0.149%
46	16.045	2144	2152	2162	rBV3	171920	375588	2.82%	0.315%
47	16.163	2166	2172	2177	rVB2	364790	608898	4.57%	0.511%
48	16.298	2192	2195	2202	rVB2	114091	181665	1.36%	0.152%
49	16.528	2226	2234	2240	rBV	1222630	1968564	14.78%	1.651%
50	16.904	2294	2298	2303	rVB2	286033	399277	3.00%	0.335%
51	17.098	2326	2331	2336	rBV3	236170	484742	3.64%	0.407%
52	17.163	2337	2342	2348	rVB	760211	1101797	8.27%	0.924%
53	17.216	2348	2351	2357	rBV3	107638	161517	1.21%	0.135%
54	17.298	2360	2365	2370	rVV2	285963	465932	3.50%	0.391%
55	17.375	2370	2378	2386	rVB3	291409	820960	6.16%	0.689%
56	17.569	2405	2411	2415	rBV	1661774	2457457	18.45%	2.062%
57	17.610	2415	2418	2423	rVV	1284221	1730331	12.99%	1.452%
58	17.669	2423	2428	2431	rVV	1291808	1867122	14.02%	1.566%
59	17.698	2431	2433	2437	rVB	265783	322840	2.42%	0.271%
60	17.834	2453	2456	2461	rBV6	73880	167336	1.26%	0.140%
61	17.886	2461	2465	2473	rVB3	180669	321451	2.41%	0.270%
62	17.963	2474	2478	2480	rBV3	178239	243445	1.83%	0.204%
63	18.034	2487	2490	2495	rVB2	298429	375329	2.82%	0.315%
64	18.139	2504	2508	2516	rBV3	266042	461260	3.46%	0.387%
65	18.275	2528	2531	2536	rVB	128012	187782	1.41%	0.158%
66	18.422	2552	2556	2560	rBV	969109	1330131	9.99%	1.116%
67	18.469	2560	2564	2570	rVB	651835	995155	7.47%	0.835%
68	18.545	2575	2577	2582	rVB	199424	235949	1.77%	0.198%
69	18.604	2582	2587	2592	rBV2	1067995	1623141	12.19%	1.362%
70	18.645	2592	2594	2599	rVB	301450	376308	2.83%	0.316%
71	18.704	2600	2604	2609	rBV3	253393	366863	2.75%	0.308%
72	18.898	2634	2637	2640	rVB3	206924	234735	1.76%	0.197%
73	19.133	2675	2677	2682	rVB2	176515	202605	1.52%	0.170%
74	19.186	2683	2686	2689	rVV	165539	201296	1.51%	0.169%
75	19.222	2689	2692	2695	rVB2	249745	278652	2.09%	0.234%
76	19.304	2702	2706	2710	rBV	601273	753004	5.65%	0.632%

LSC Area Percent Report

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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Title : SVOA CALIBRATION

77	19.563	2745	2750	2755	rVB	2424809	3226307	24.23%	2.707%
78	19.645	2761	2764	2769	rVB3	516671	622298	4.67%	0.522%
79	19.786	2784	2788	2793	rBV	7520147	9132516	68.58%	7.661%
80	19.886	2799	2805	2807	rBV2	2008133	3049475	22.90%	2.558%
81	19.916	2807	2810	2816	rVB	2669946	3394891	25.49%	2.848%
82	20.310	2874	2877	2881	rVB3	558954	582066	4.37%	0.488%
83	20.380	2886	2889	2894	rVB2	565036	853276	6.41%	0.716%
84	20.545	2914	2917	2921	rVB	616460	725796	5.45%	0.609%
85	20.686	2937	2941	2944	rBV2	535244	794864	5.97%	0.667%
86	20.804	2956	2961	2966	rBV	10908510	13317148	100.00%	11.172%
87	21.122	3012	3015	3021	rBV	493408	686456	5.15%	0.576%
88	21.322	3045	3049	3054	rVB	4524397	5488196	41.21%	4.604%
89	21.527	3080	3084	3090	rBV	3526955	4177653	31.37%	3.505%
90	21.645	3098	3104	3109	rBV3	2269861	5236586	39.32%	4.393%
91	21.692	3109	3112	3115	rVB	1350301	1628024	12.23%	1.366%
92	21.774	3124	3126	3130	rVB2	755088	871860	6.55%	0.731%
93	21.822	3130	3134	3139	rBV	2707566	3633003	27.28%	3.048%
94	21.880	3140	3144	3149	rVV	3900638	5584106	41.93%	4.685%
95	21.933	3150	3153	3155	rVV	1258482	1593358	11.96%	1.337%
96	21.963	3155	3158	3162	rVB	1251169	1539071	11.56%	1.291%
97	22.269	3207	3210	3215	rVB2	1202070	1688538	12.68%	1.417%
98	24.027	3504	3509	3514	rBV	1003198	1852846	13.91%	1.554%
99	24.086	3515	3519	3524	rBV2	869125	1618967	12.16%	1.358%
100	24.257	3544	3548	3554	rVB2	1218277	2227940	16.73%	1.869%

Sum of corrected areas: 119203517

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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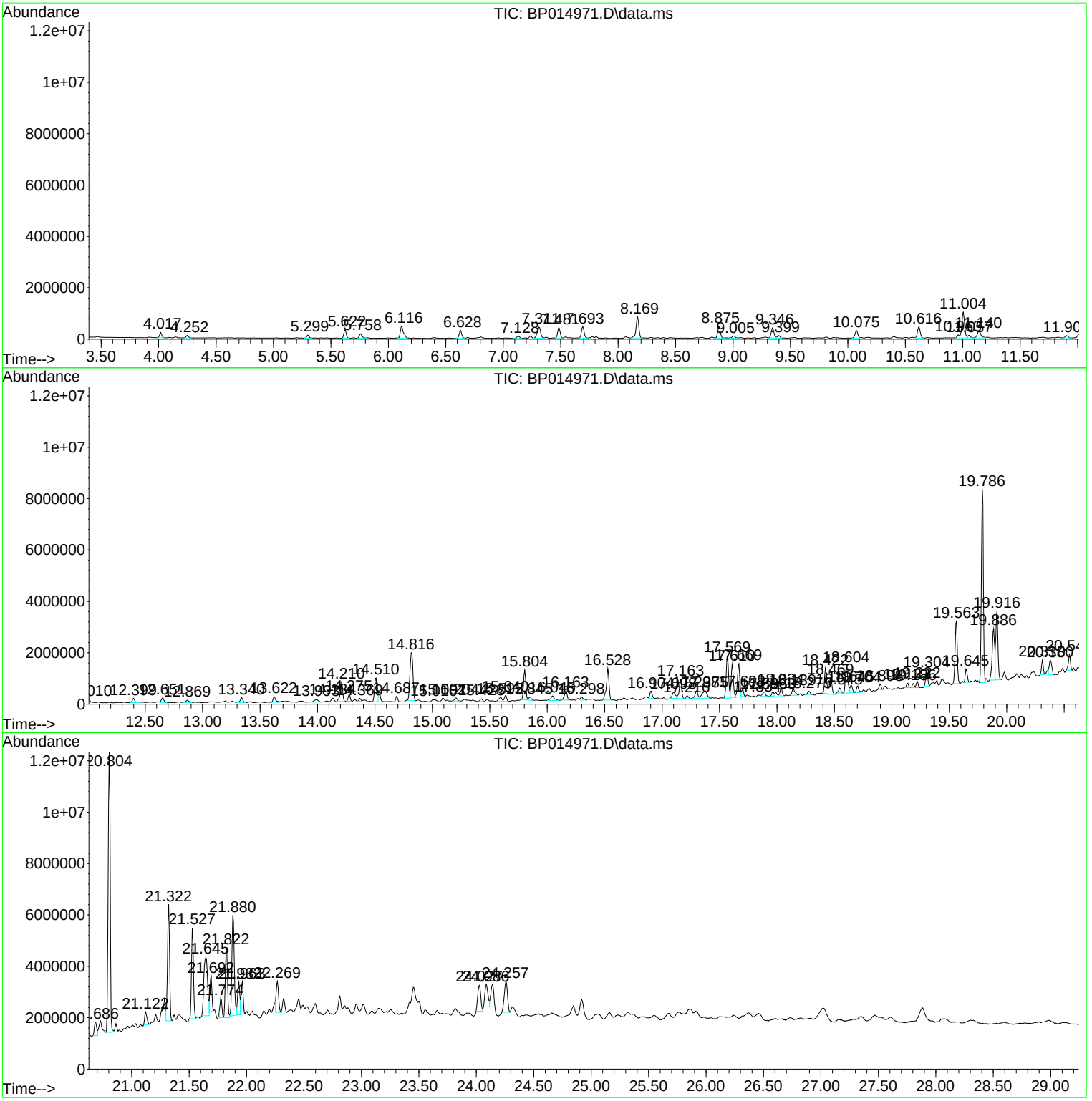
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

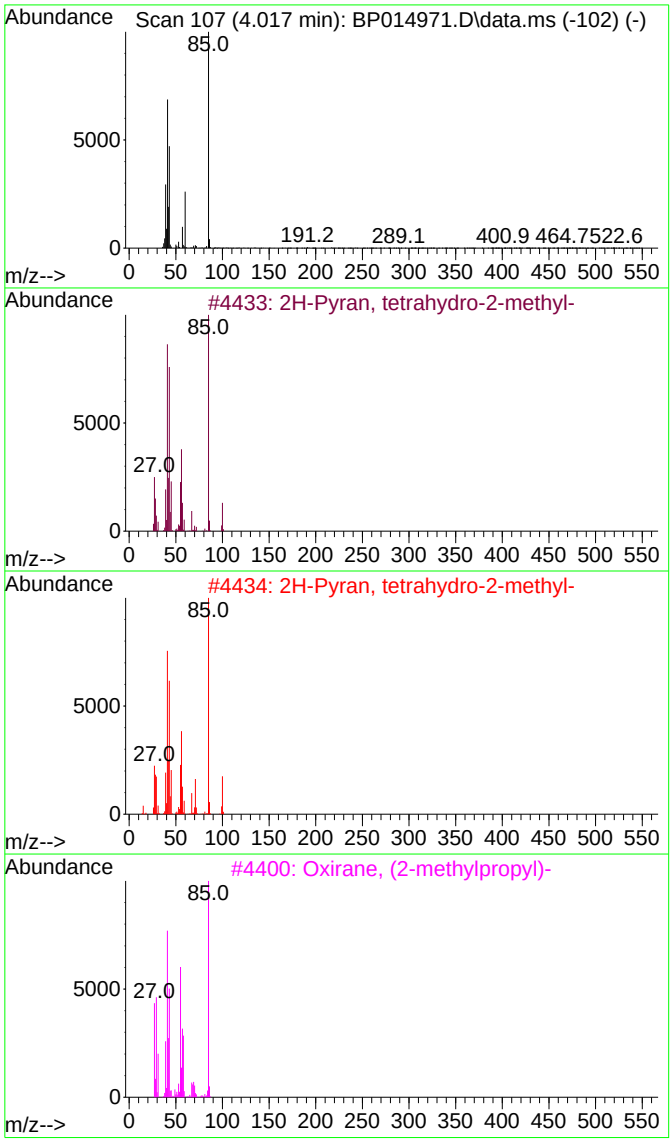
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

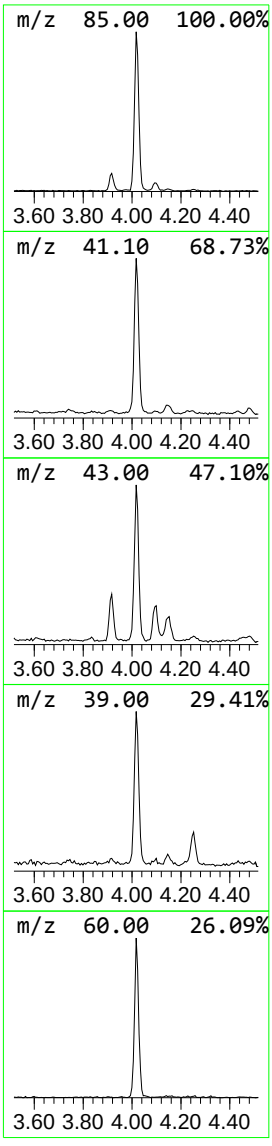
****

Peak Number 1 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.017	3.92 ng/ul	266929	1,4-Dichlorobenzene-d4	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

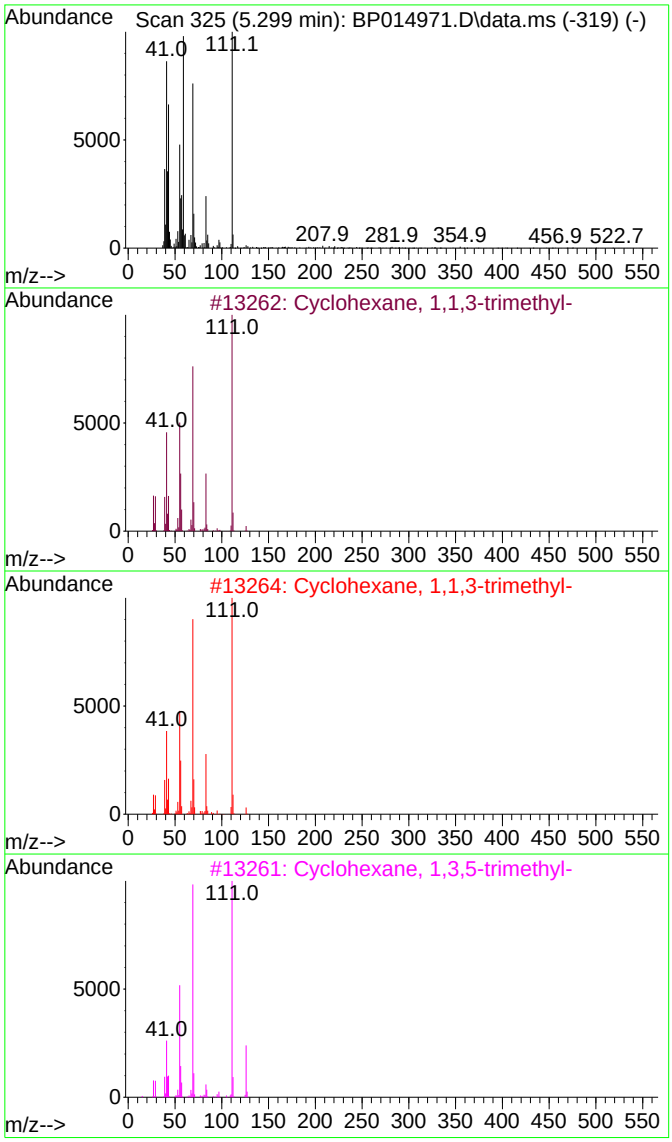
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

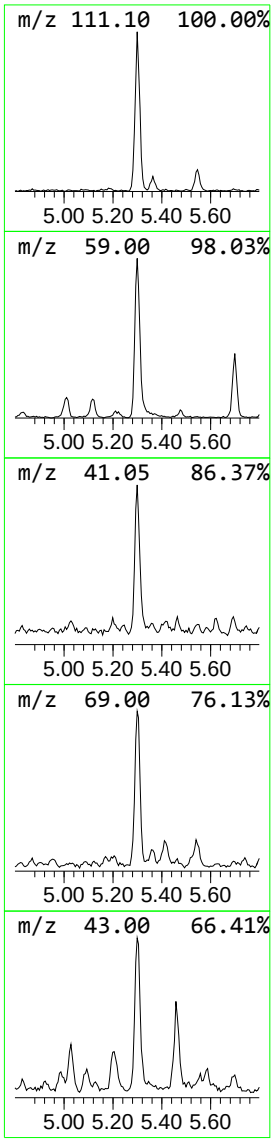
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic5.299 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.299	2.65 ng/ul	180729	1,4-Dichlorobenzene-d4	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	52
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	47
4	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	47
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

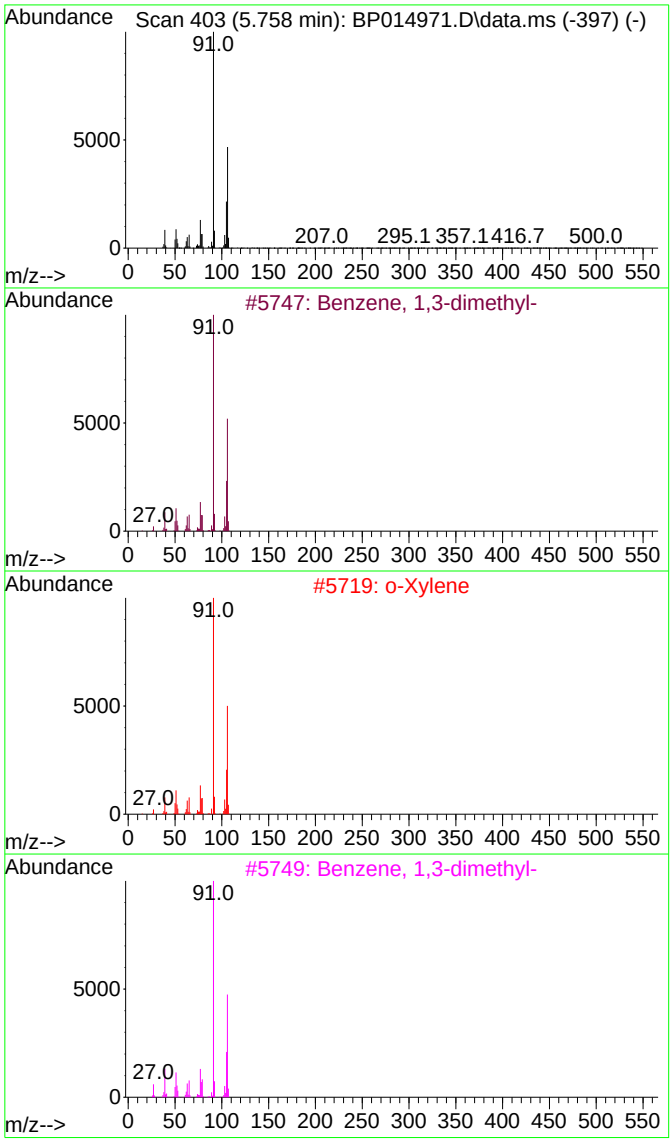
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

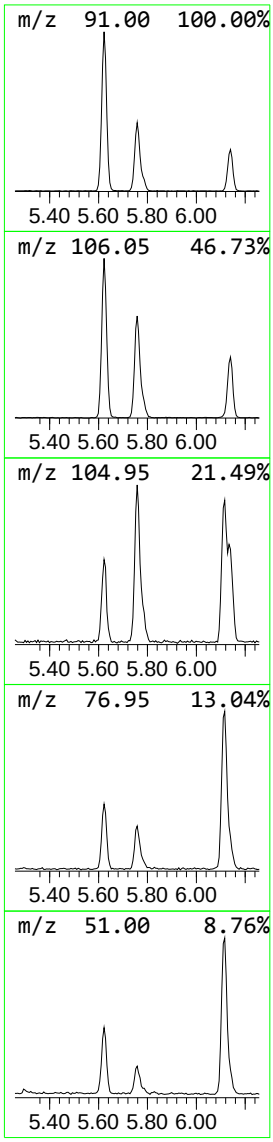
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.758	4.40 ng/ul	299752	1,4-Dichlorobenzene-d4	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





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Acq On : 05 May 2023 01:35
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Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

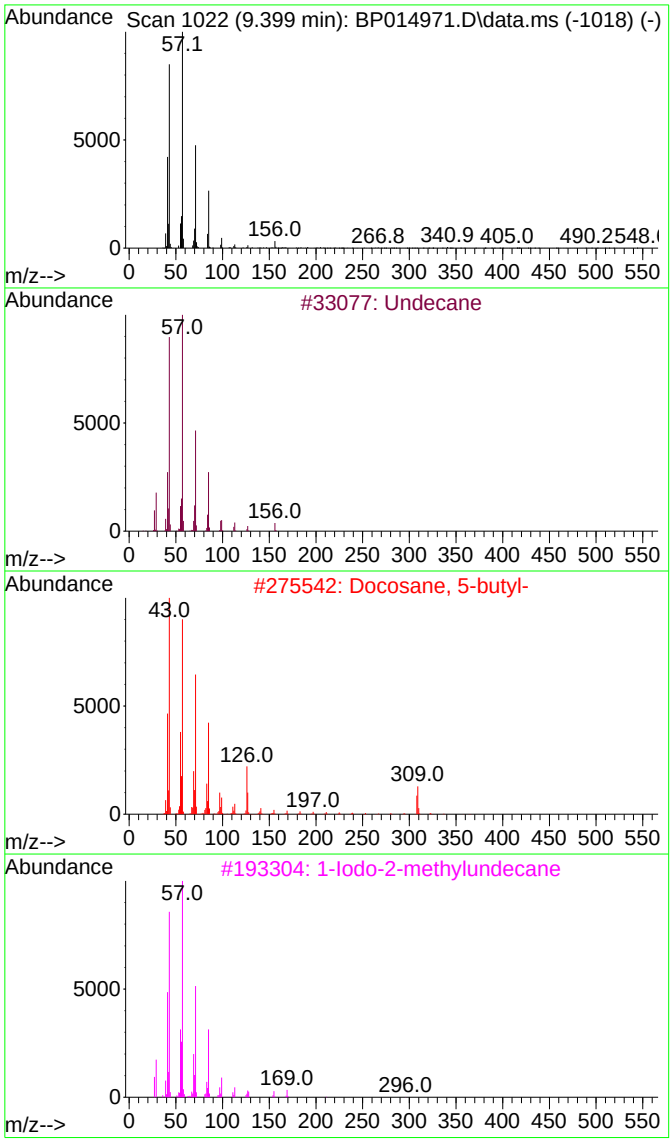
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

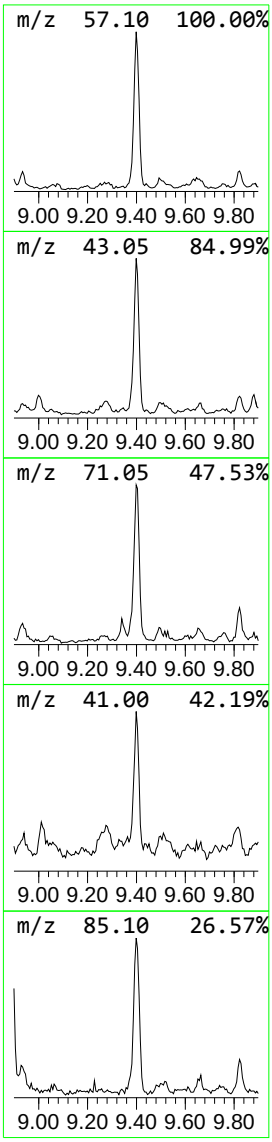
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.399	2.31 ng/ul	157607	1,4-Dichlorobenzene-d4	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	87
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

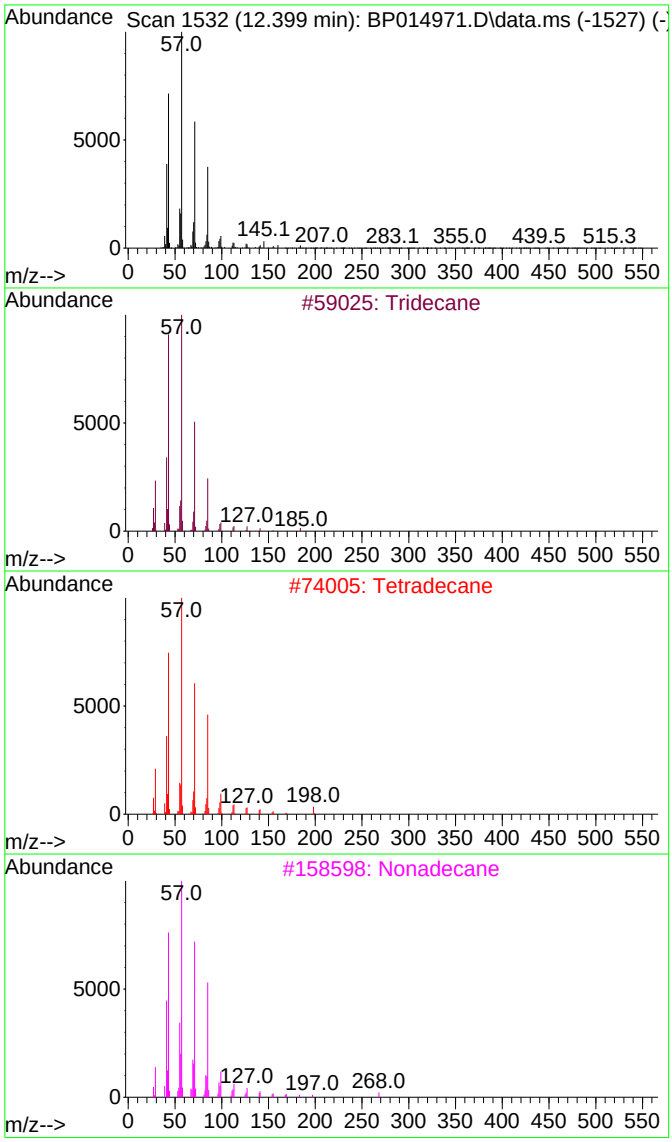
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

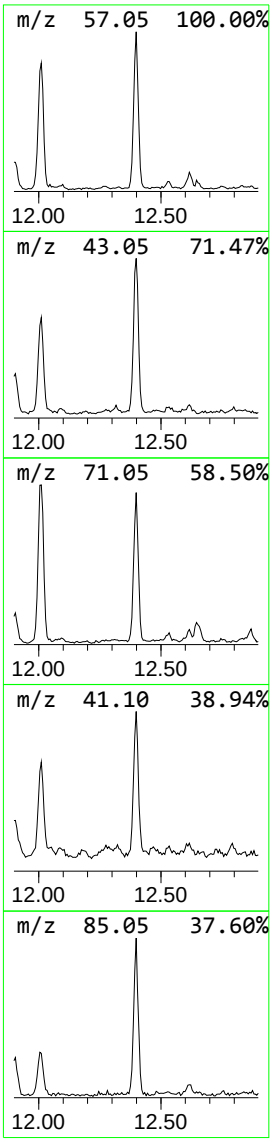
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.399	3.00 ng/ul	254580	Naphthalene-d8	11.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	83





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Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

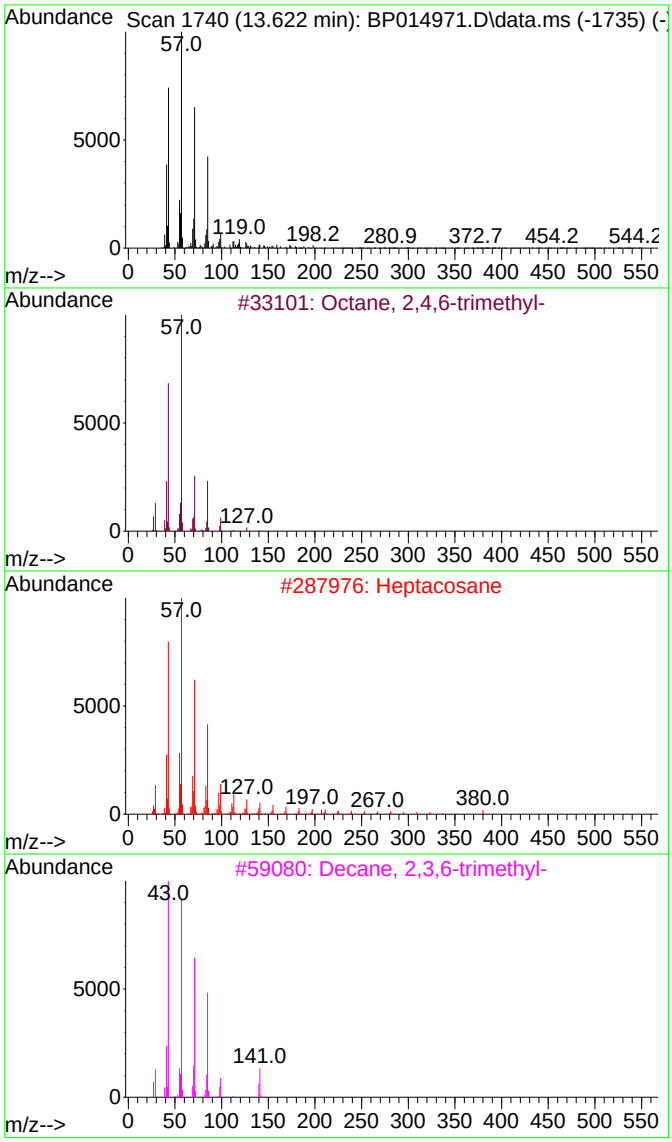
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

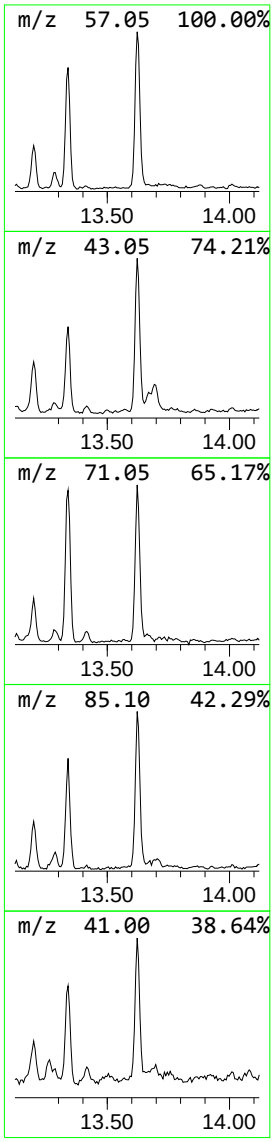
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.622	2.25 ng/ul	376743	Acenaphthene-d10	14.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Nonane	128	C9H20	000111-84-2	76





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

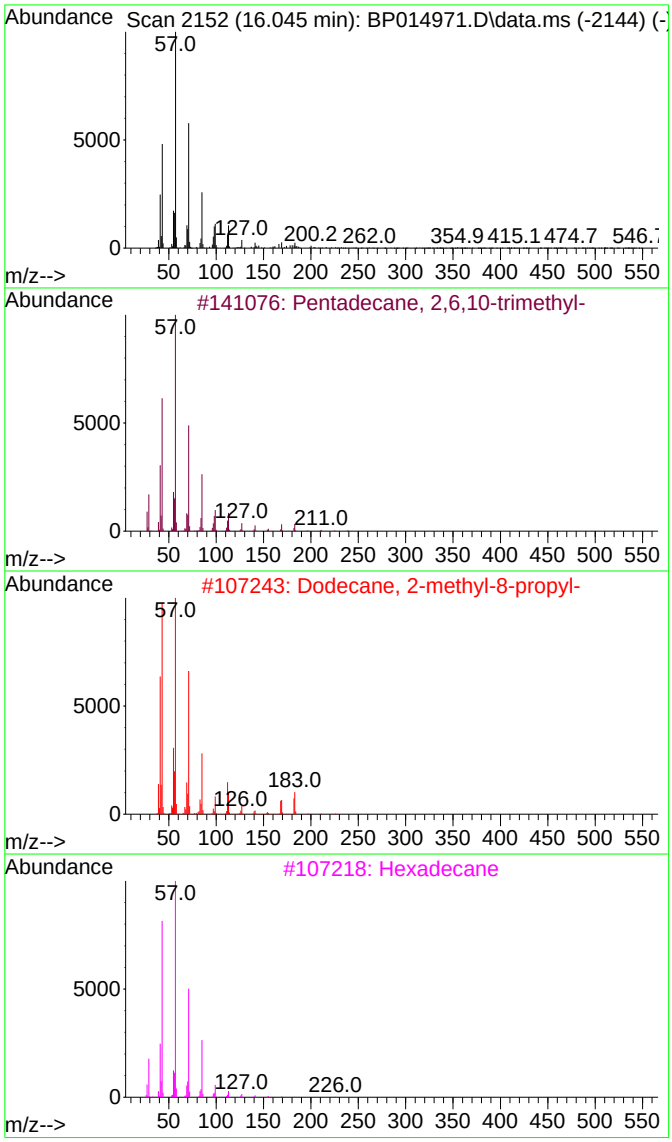
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

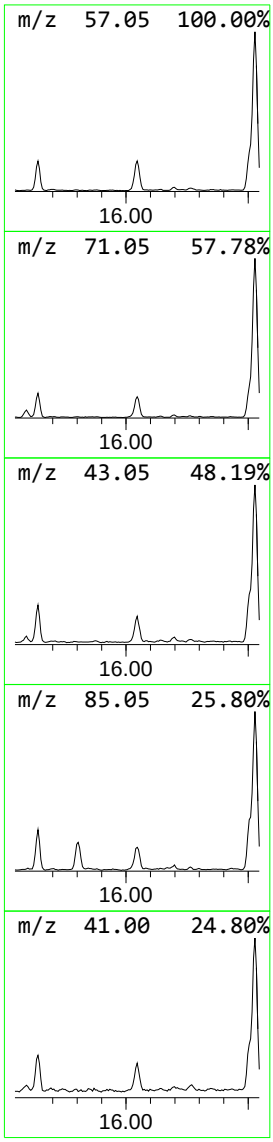
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	2.24 ng/ul	375588	Acenaphthene-d10	14.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	95
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	87
3	Hexadecane	226	C16H34	000544-76-3	81
4	Hexadecane	226	C16H34	000544-76-3	80
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	74





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

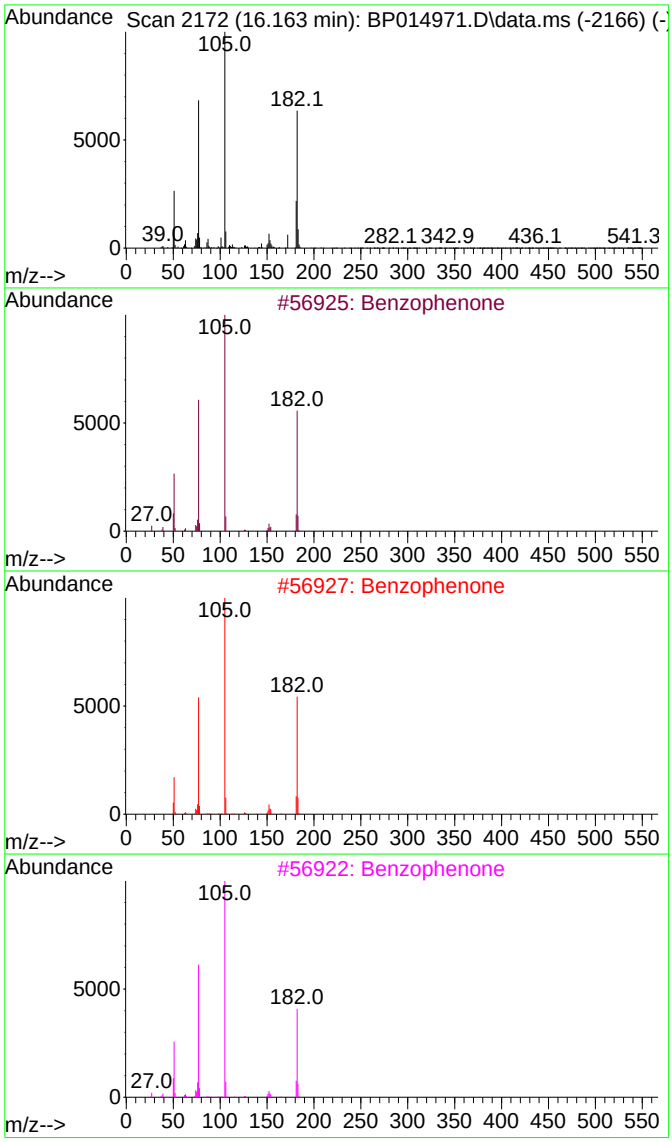
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

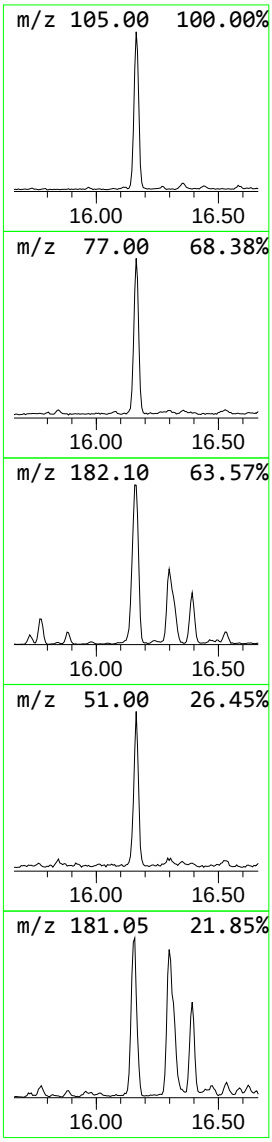
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzophenone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	3.63 ng/ul	608898	Acenaphthene-d10	14.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzophenone	182	C13H10O	000119-61-9	91
3	Benzophenone	182	C13H10O	000119-61-9	87
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Benzophenone	182	C13H10O	000119-61-9	72





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

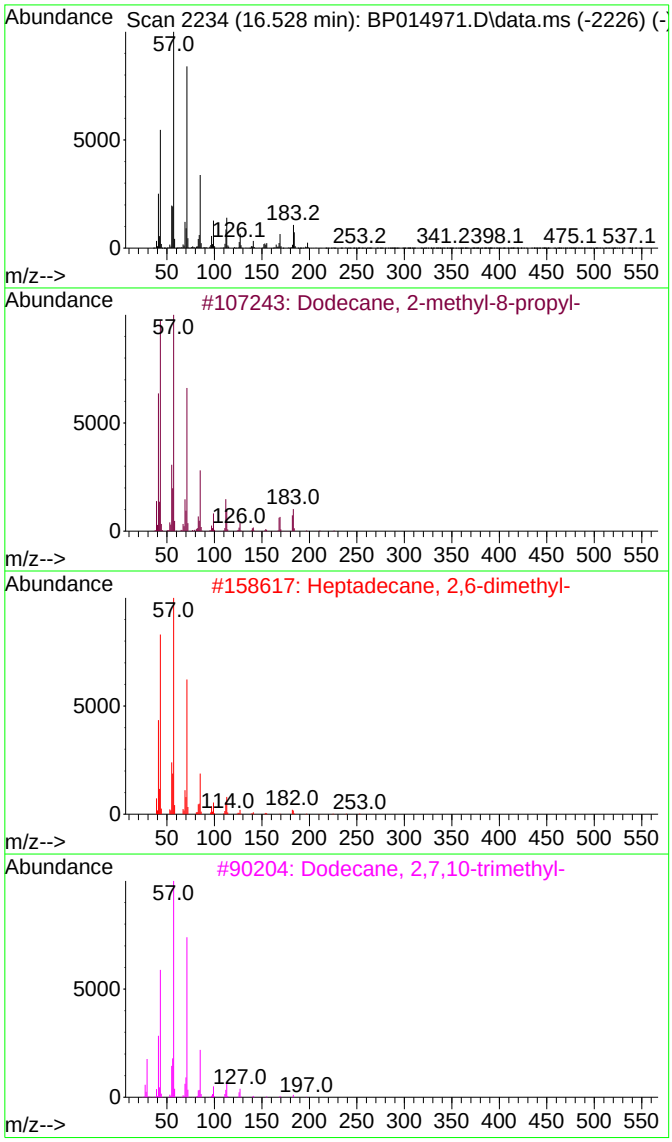
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

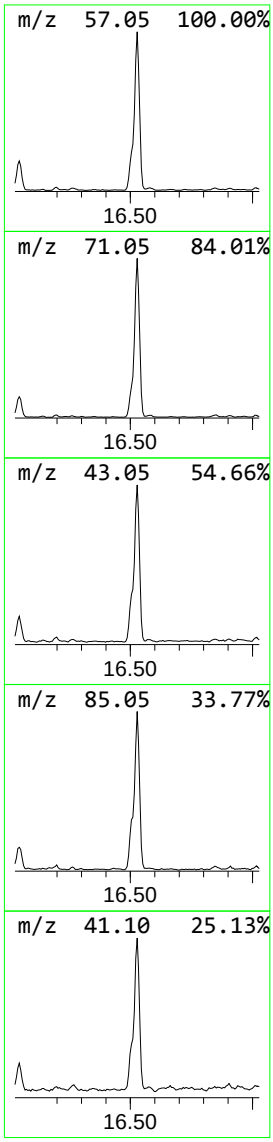
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.528	16.02 ng/ul	1968560	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80





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Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

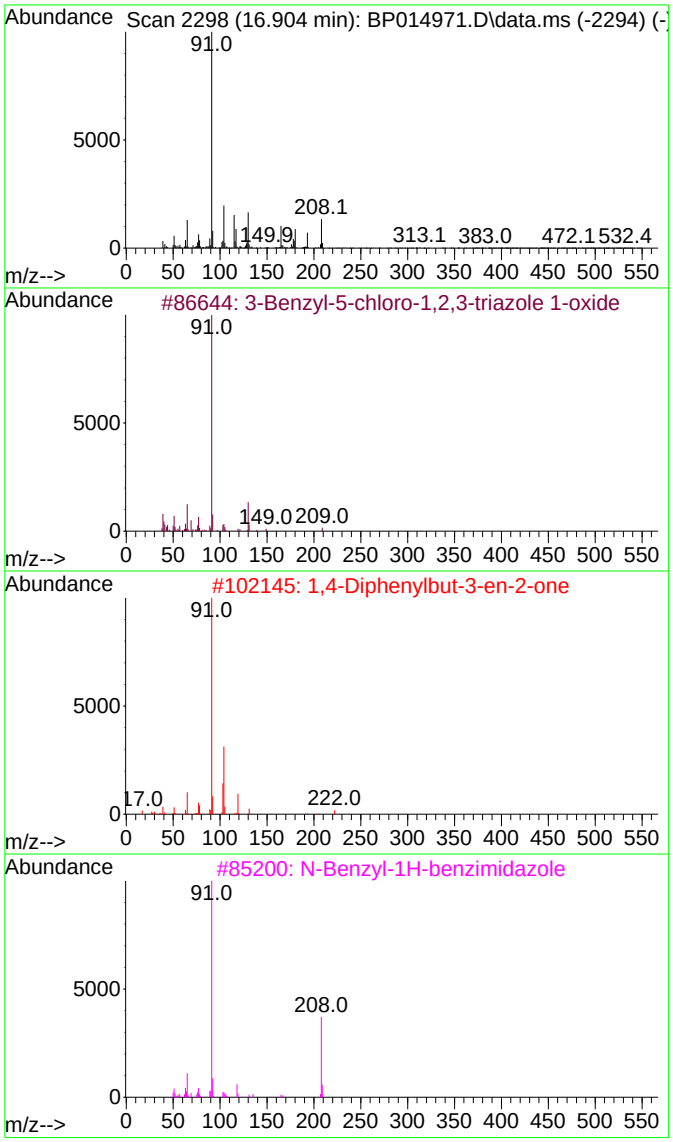
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

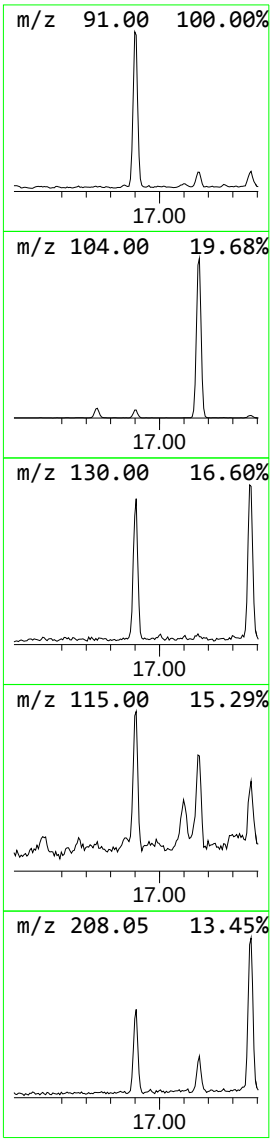
****

Peak Number 17 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.904	3.25 ng/ul	399277	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Benzyl-5-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-67-3	30
2	1,4-Diphenylbut-3-en-2-one	222	C16H14O	005409-59-6	27
3	N-Benzyl-1H-benzimidazole	208	C14H12N2	004981-92-4	22
4	Ethanedioic acid, mono(phenylmet...	180	C9H8O4	035448-14-7	14
5	3-Butynylbenzene	130	C10H10	016520-62-0	14





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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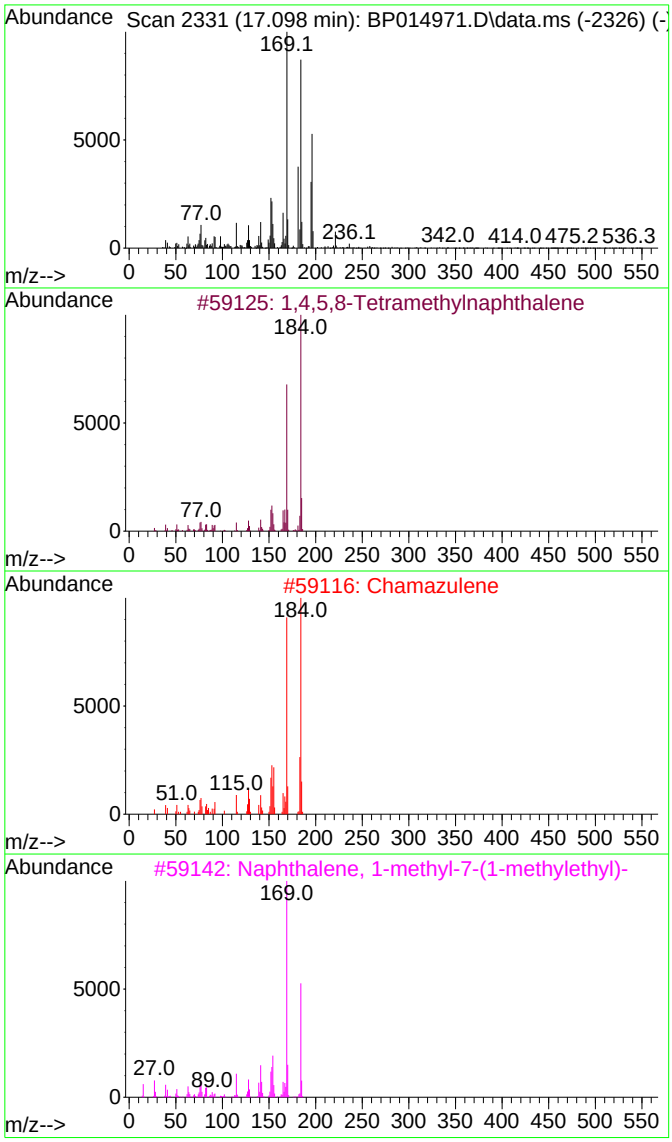
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

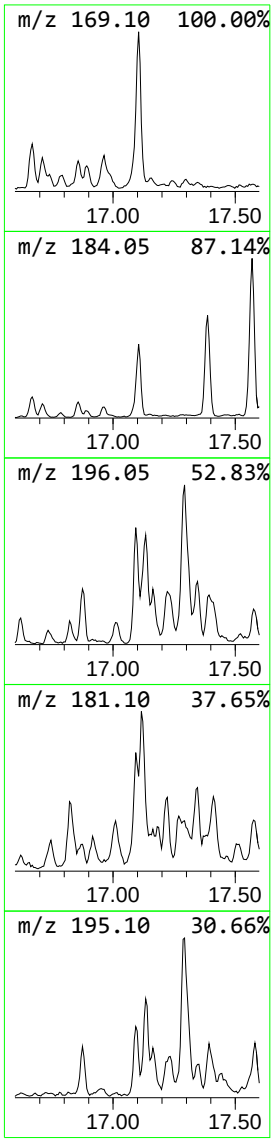
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,4,5,8-Tetramethylnaphthalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	3.95 ng/ul	484742	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	86
2	Chamazulene	184	C14H16	000529-05-5	83
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	78
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
5	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	58





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

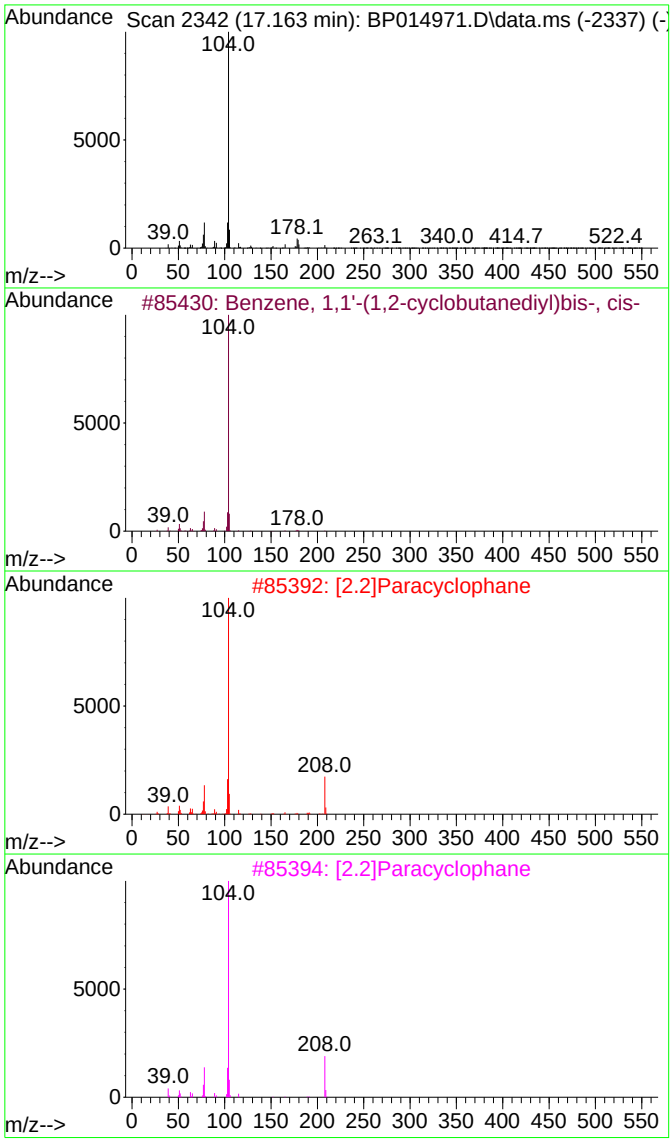
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

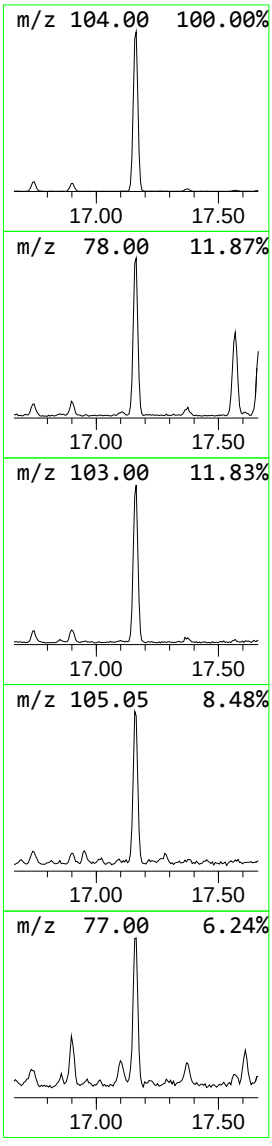
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.163	8.97 ng/ul	1101800	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	90
2	[2.2]Paracyclophane	208	C16H16	001633-22-3	87
3	[2.2]Paracyclophane	208	C16H16	001633-22-3	83
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	72
5	Cyclobutane, 1,3-diphenyl-, trans-	208	C16H16	025558-23-0	72





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Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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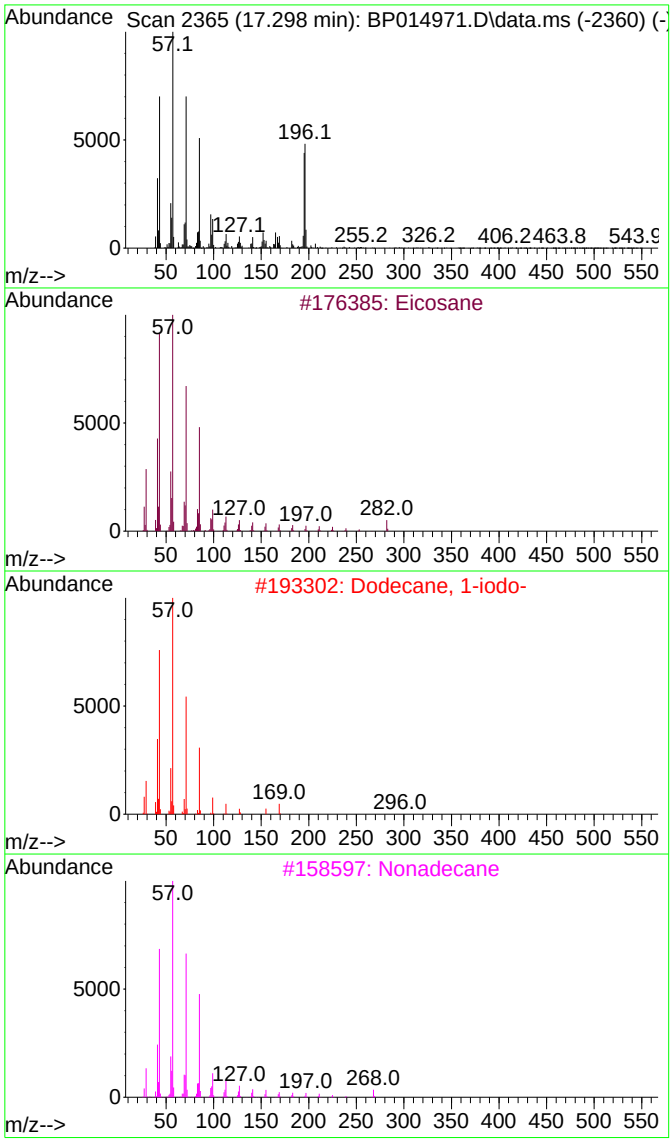
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

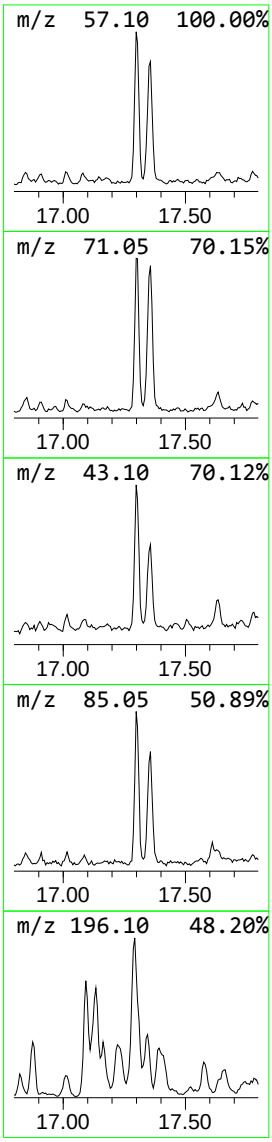
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.298	3.79 ng/ul	465932	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	55
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
3	Nonadecane	268	C19H40	000629-92-5	49
4	Tetracosane	338	C24H50	000646-31-1	49
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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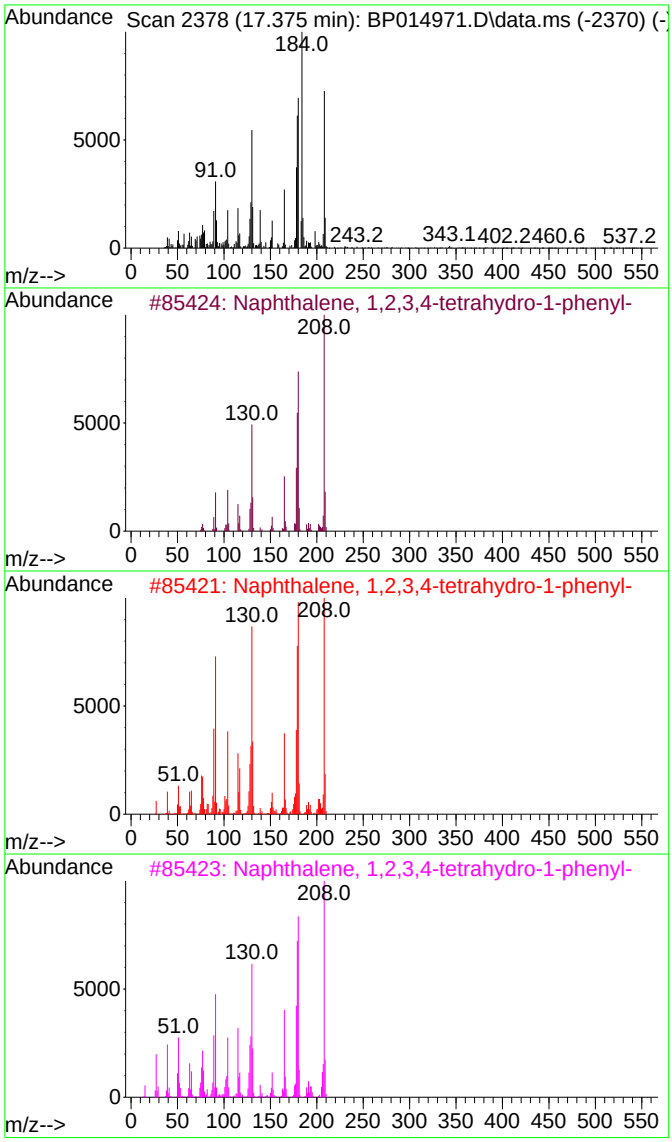
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

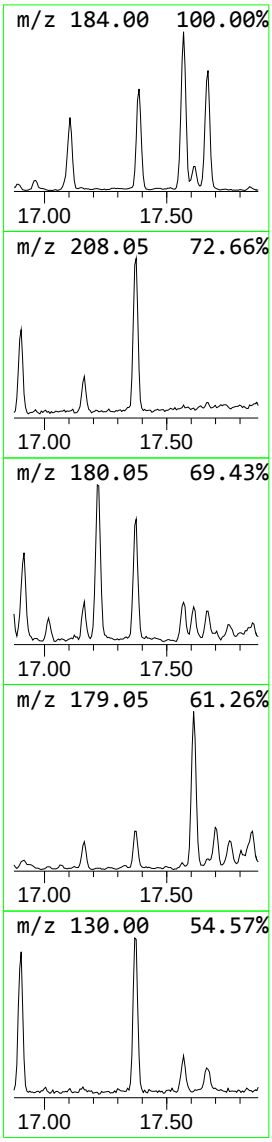
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.375	6.68 ng/ul	820960	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	92
2	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	62
4	Dibenzothiophene	184	C12H8S	000132-65-0	53
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	53





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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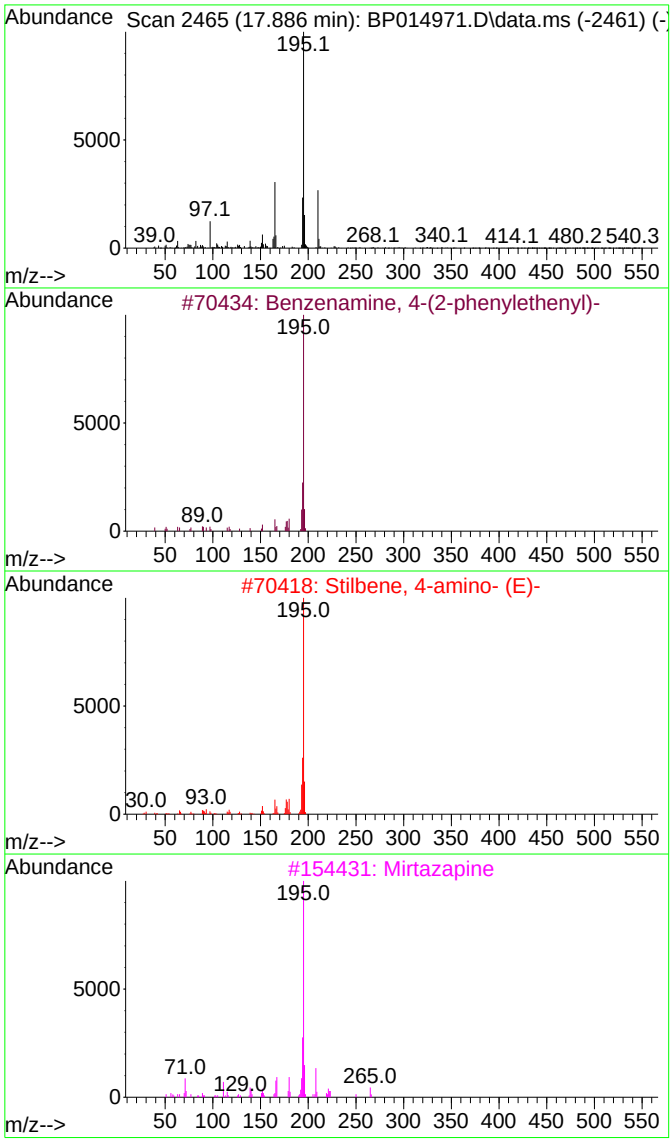
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

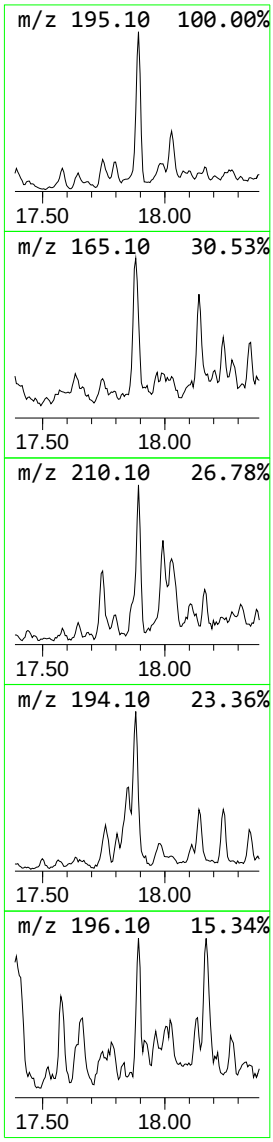
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzenamine, 4-(2-phenyleth... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.887	2.62 ng/ul	321451	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	53
2	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	52
3	Mirtazapine	265	C17H19N3	085650-52-8	50
4	4-tert-Butylbenzylidenemalononit...	210	C14H14N2	149550-23-2	50
5	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	50





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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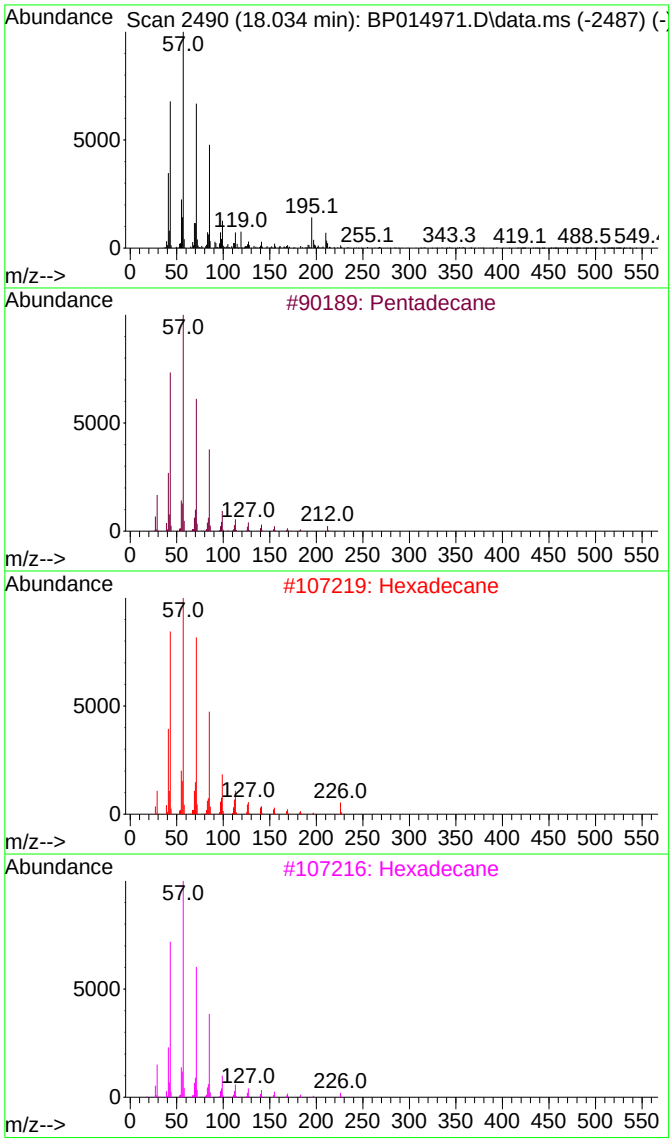
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

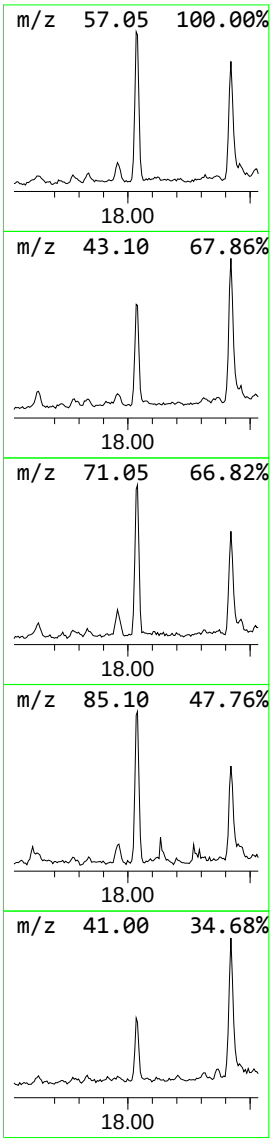
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.034	3.05 ng/ul	375329	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	Octacosane	394	C28H58	000630-02-4	83





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

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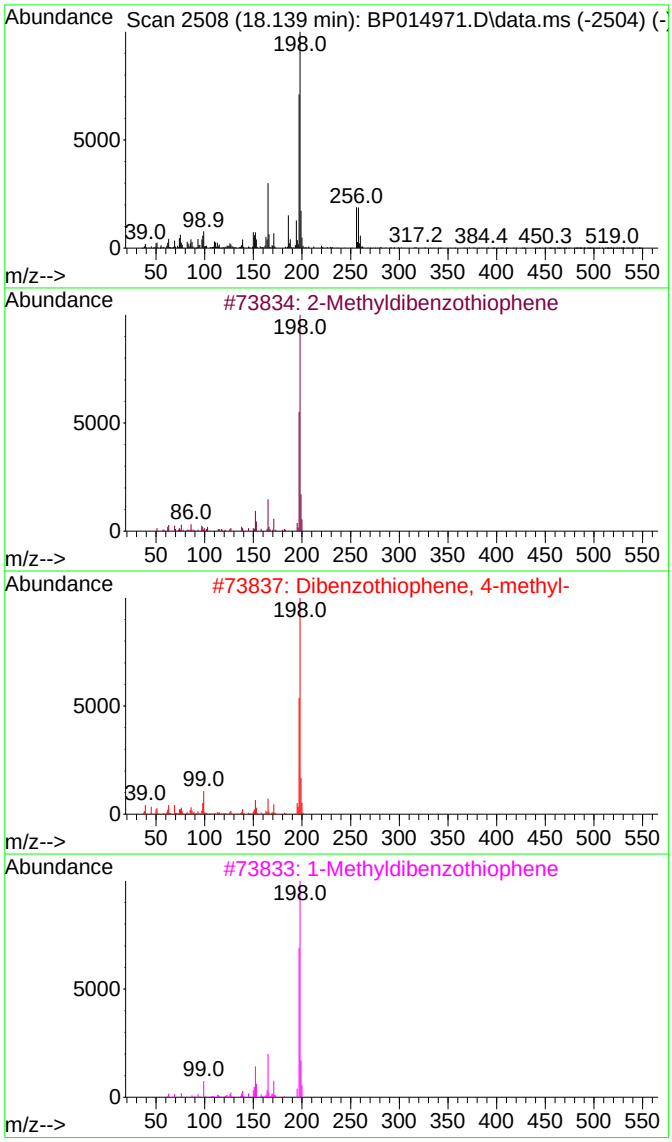
Quant Title : SVOA CALIBRATION

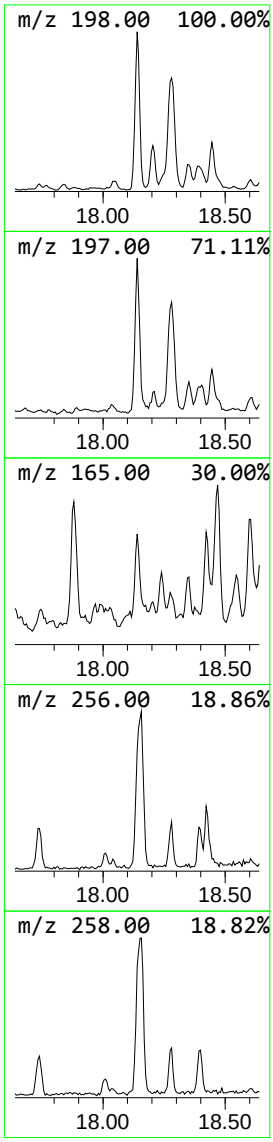
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2-Methyldibenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	3.75 ng/ul	461260	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	62
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	58
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	58
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	52
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	52





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

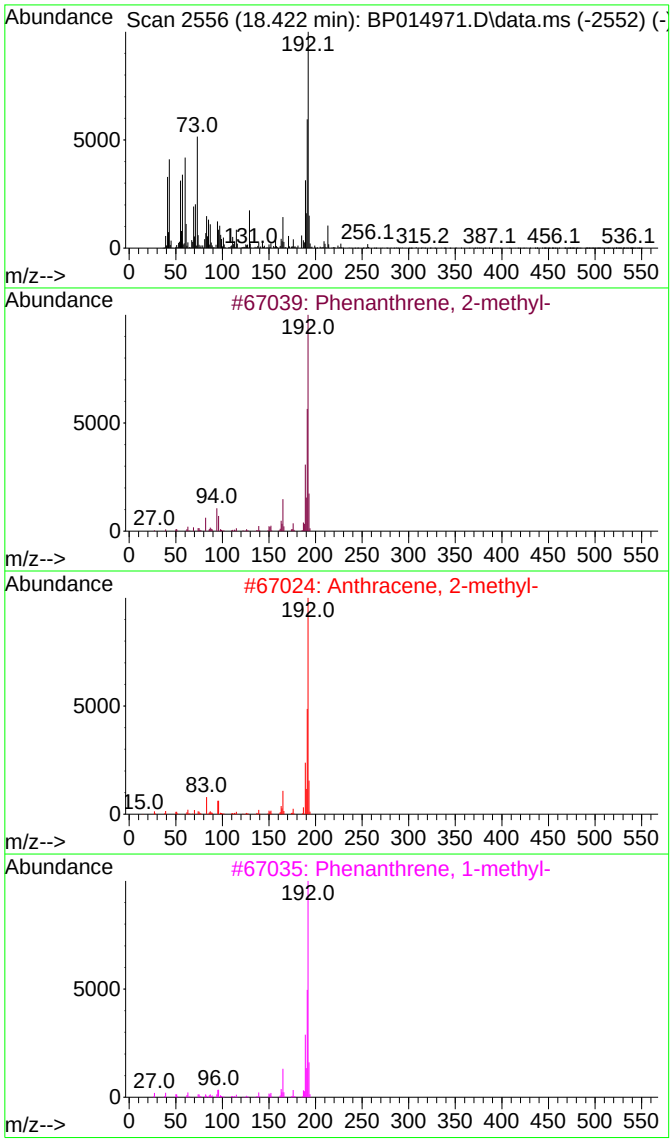
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

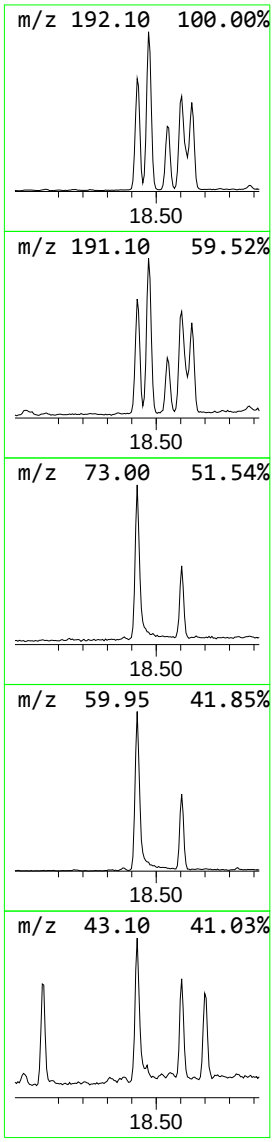
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	10.83 ng/ul	1330130	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW945

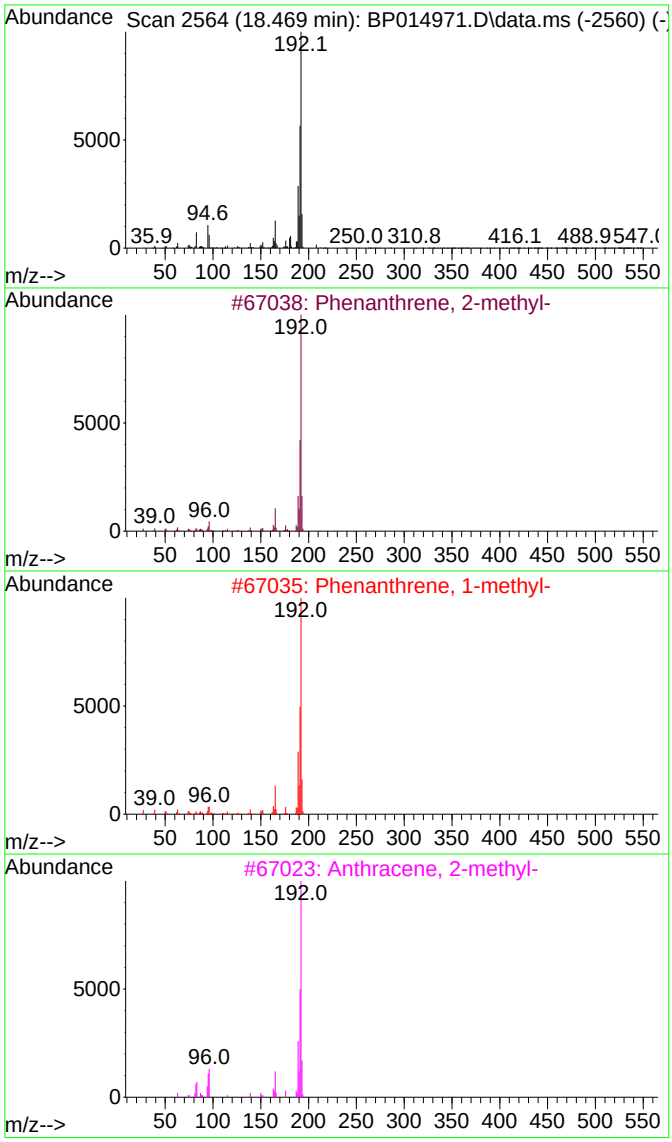
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

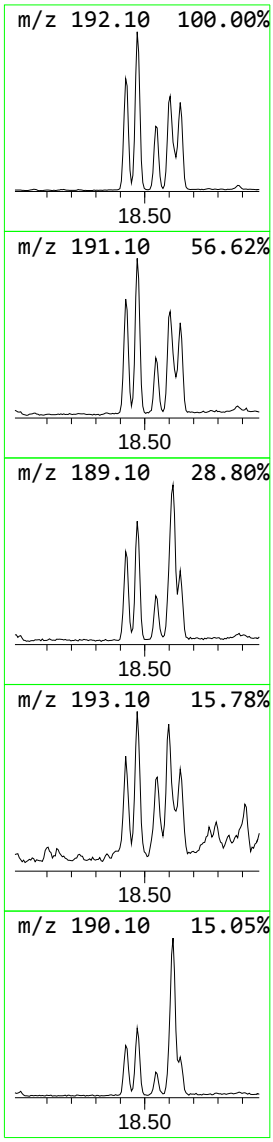
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	8.10 ng/ul	995155	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Acq On : 05 May 2023 01:35
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Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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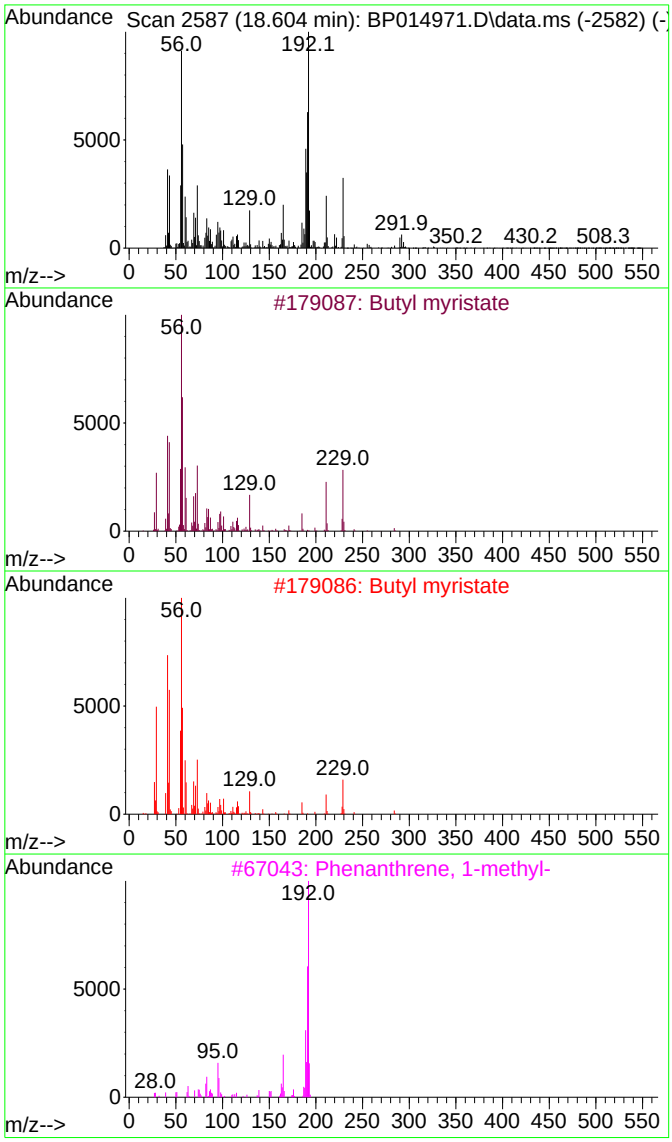
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

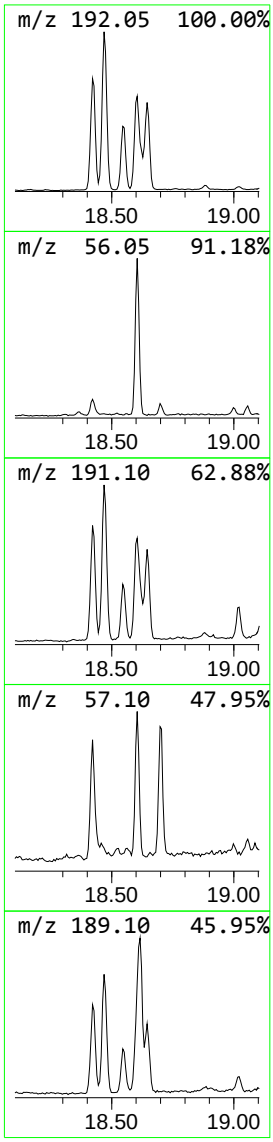
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Butyl myristate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	13.21 ng/ul	1623140	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	96
2	Butyl myristate	284	C18H36O2	000110-36-1	70
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
4	Myristic acid isobutyl ester	284	C18H36O2	025263-97-2	59
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	51





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Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

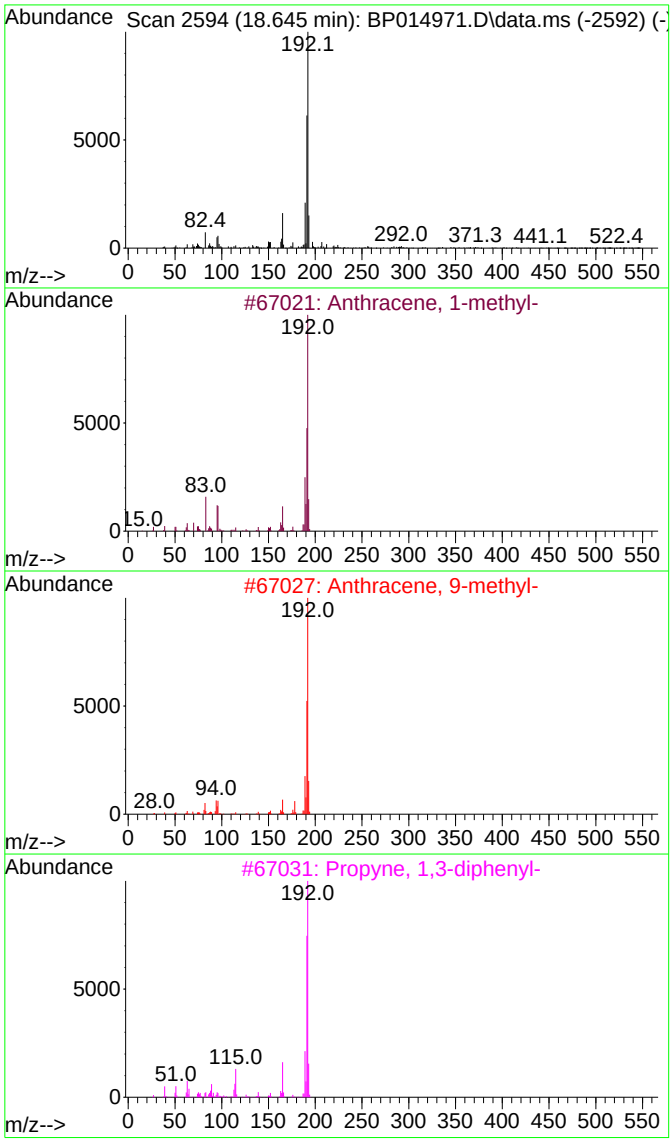
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

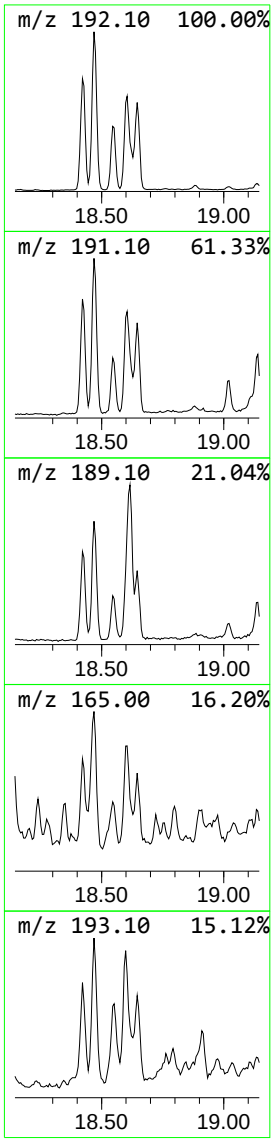
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Anthracene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	3.06 ng/ul	376308	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	74
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

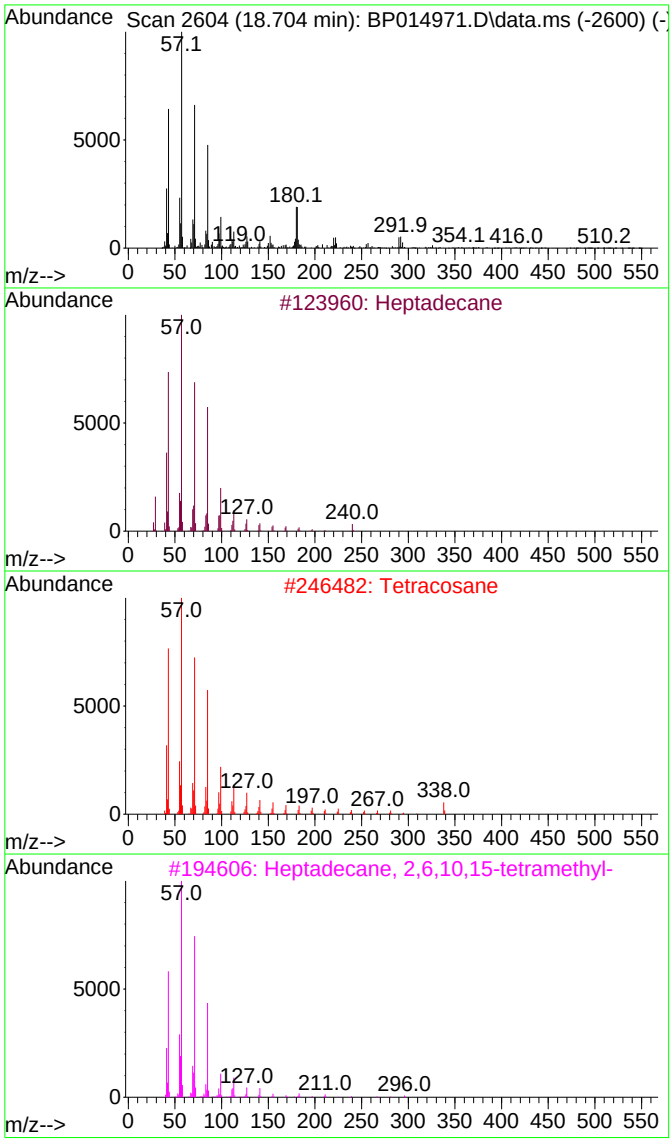
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

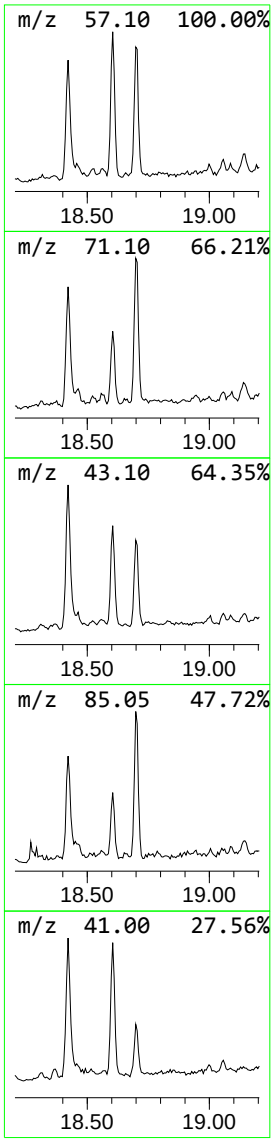
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.704	2.99 ng/ul	366863	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Pentacosane	352	C25H52	000629-99-2	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

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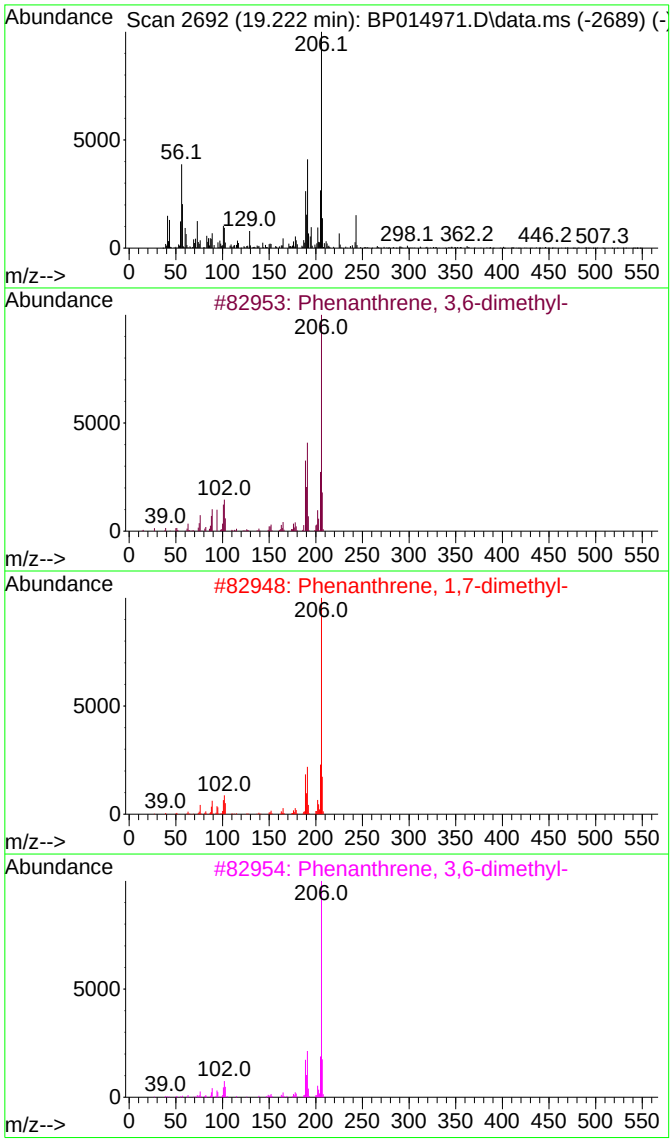
Quant Title : SVOA CALIBRATION

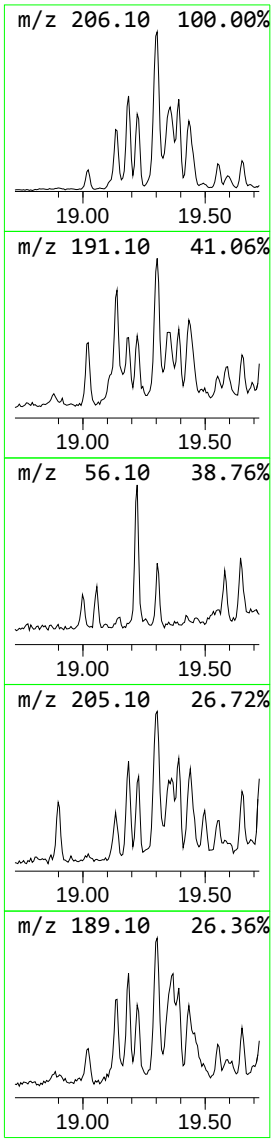
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Phenanthrene, 3,6-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	2.27 ng/ul	278652	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	92
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

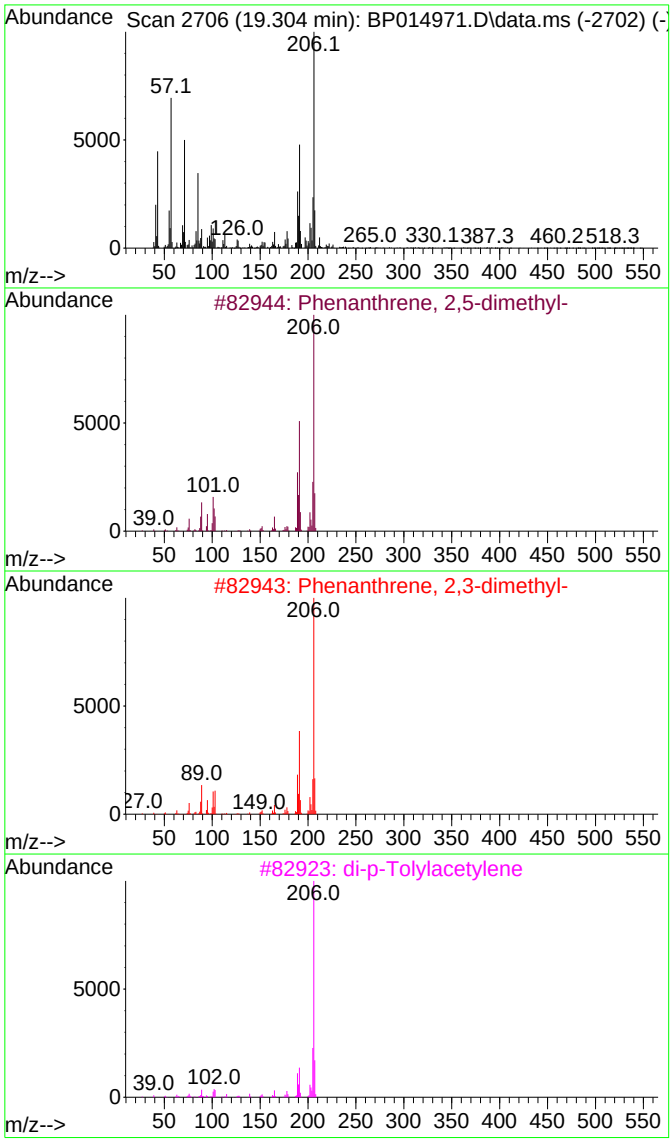
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

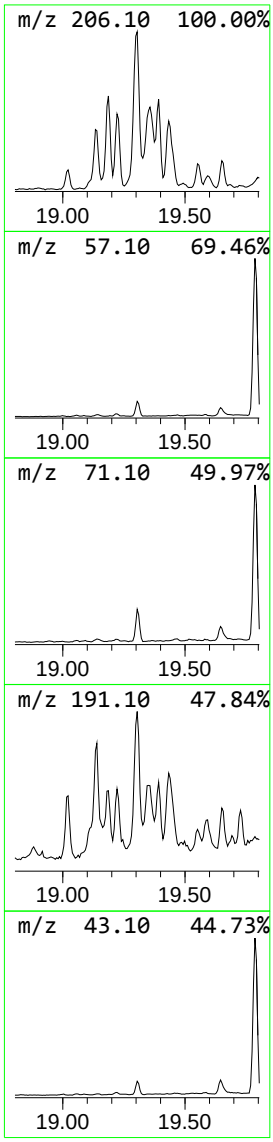
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	6.13 ng/ul	753004	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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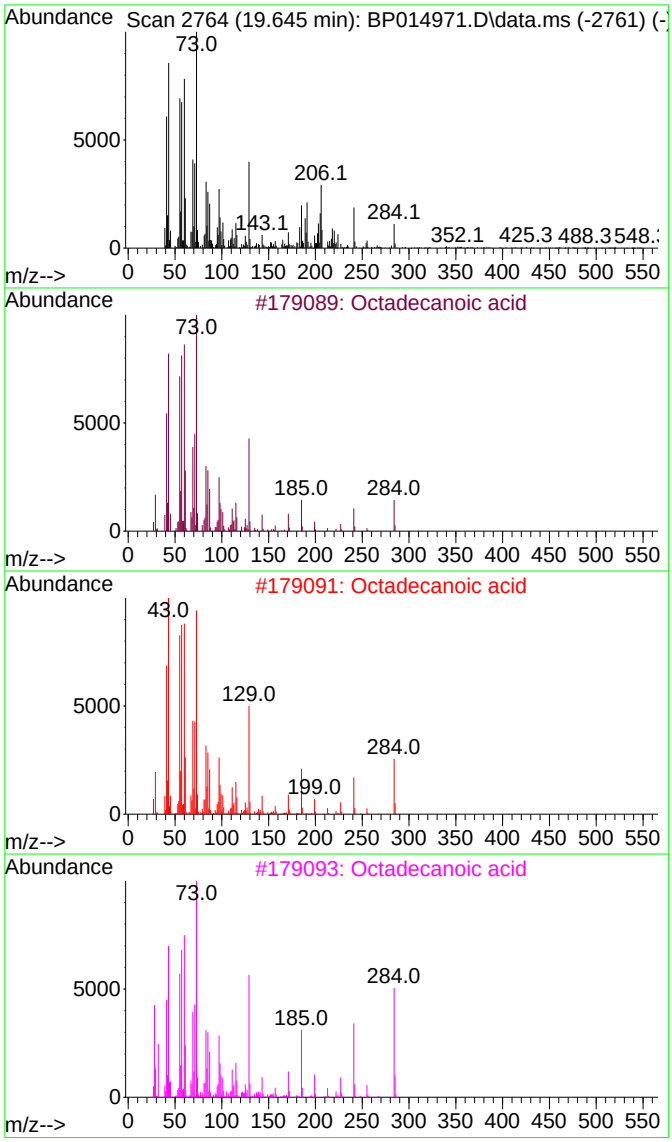
Quant Title : SVOA CALIBRATION

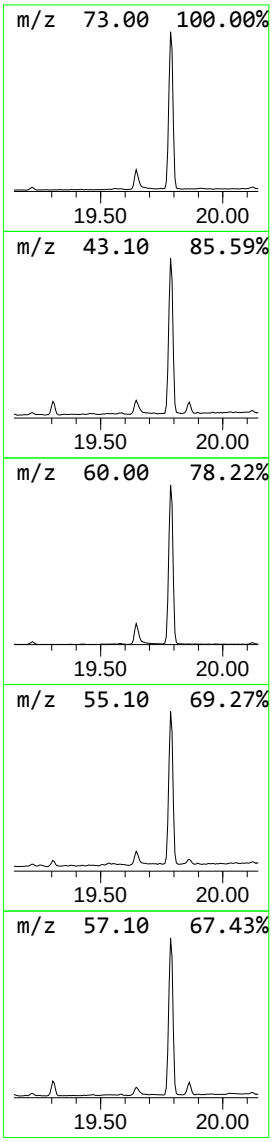
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Octadecanoic acid Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.645	2.38 ng/ul	622298	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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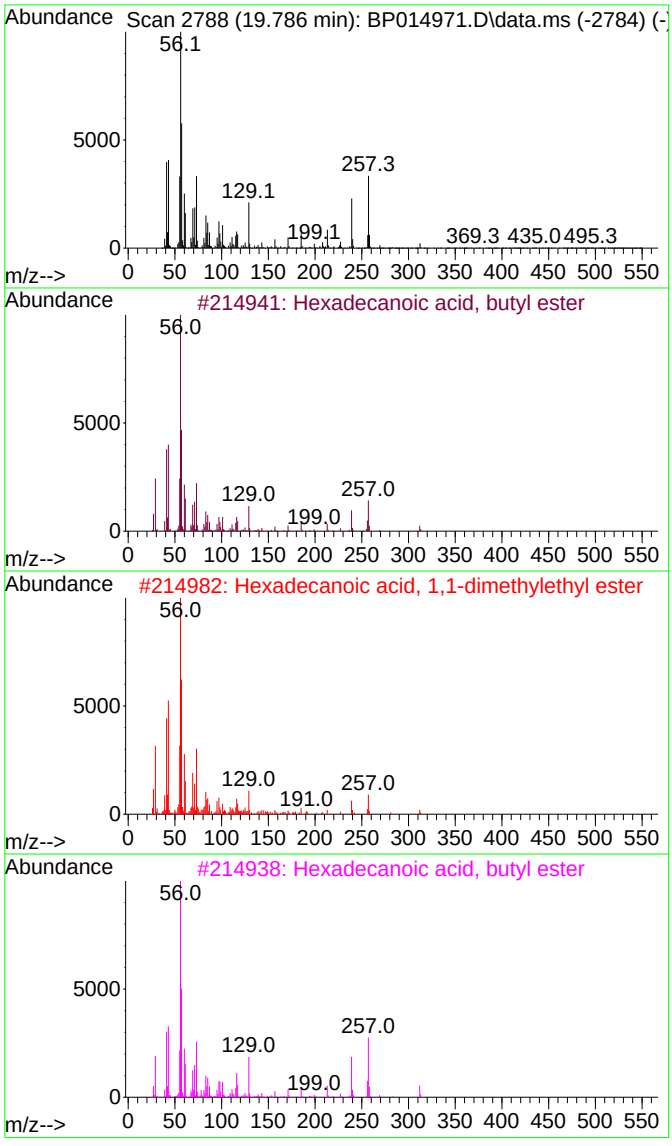
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

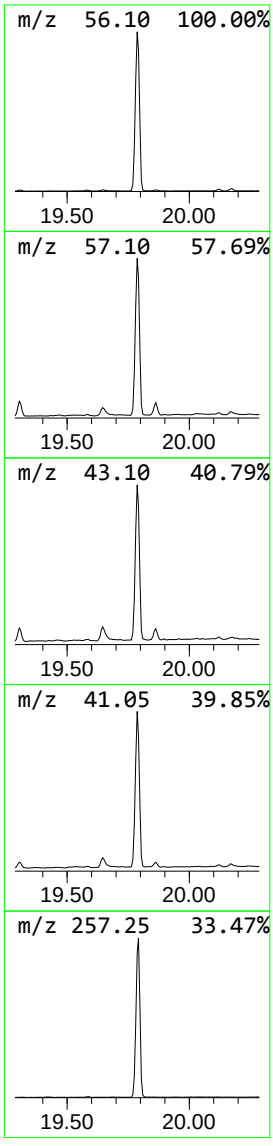
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.786	34.88 ng/ul	9132520	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	78
5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	53





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

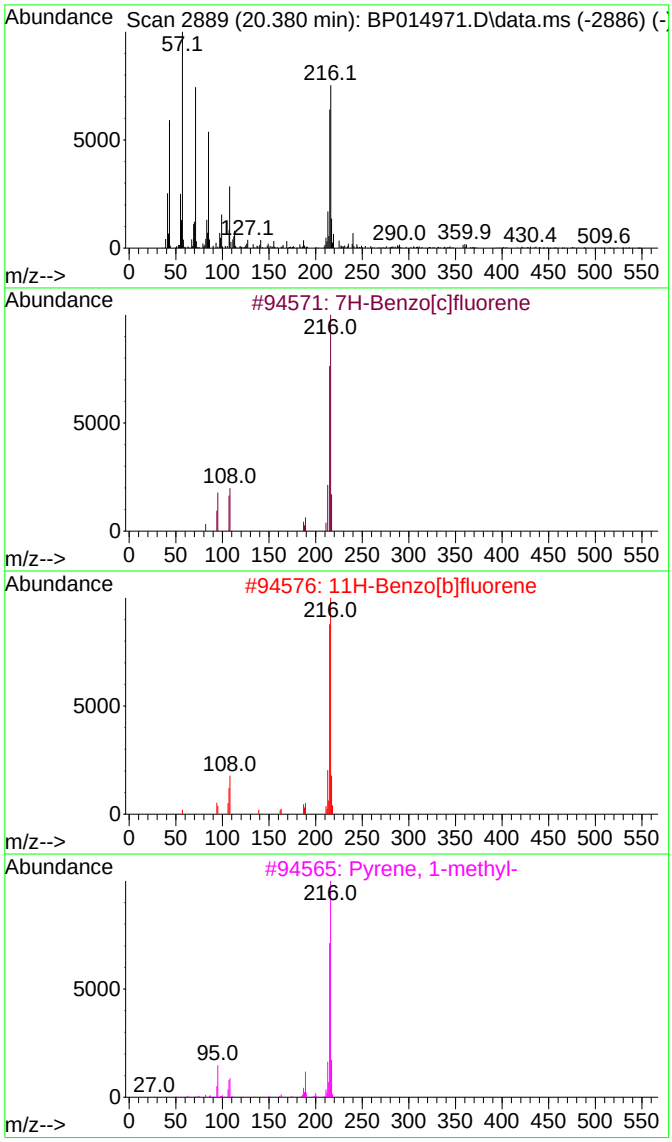
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

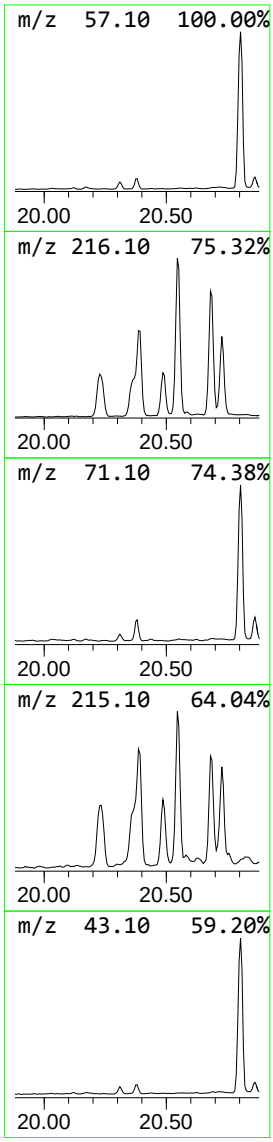
****

Peak Number 35 7H-Benzo[c]fluorene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.380	3.26 ng/ul	853276	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	53
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	46
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	45
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	43





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Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW945

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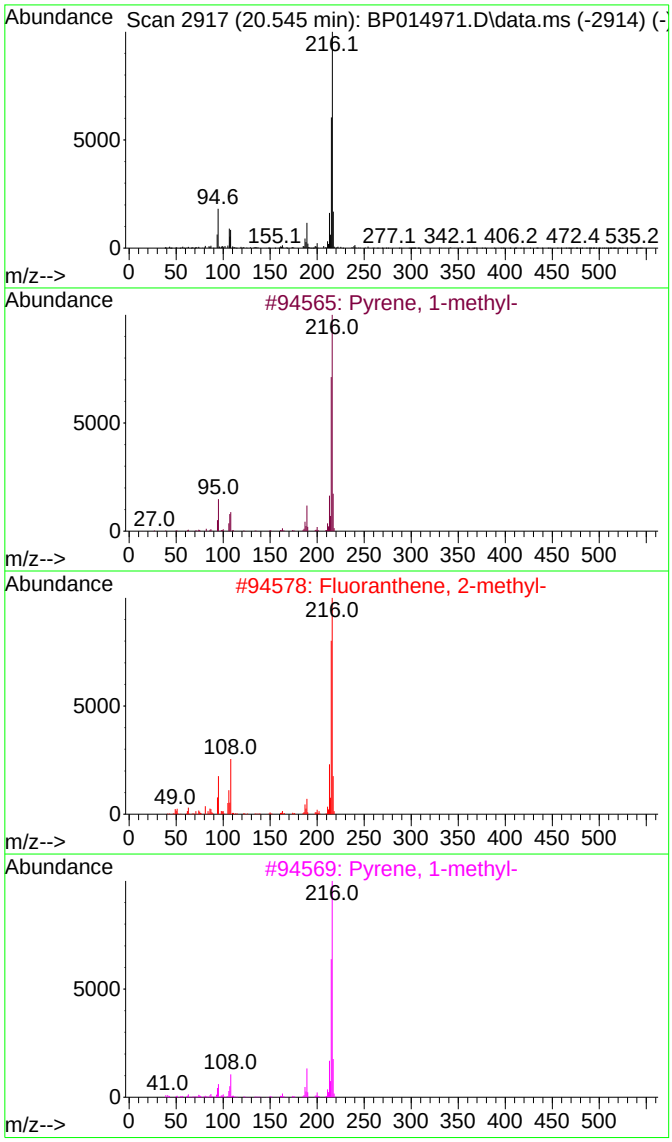
Quant Title : SVOA CALIBRATION

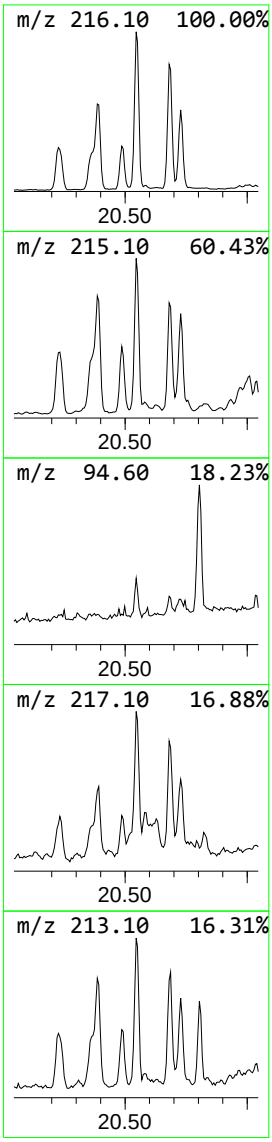
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Pyrene, 1-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.545	2.77 ng/ul	725796	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

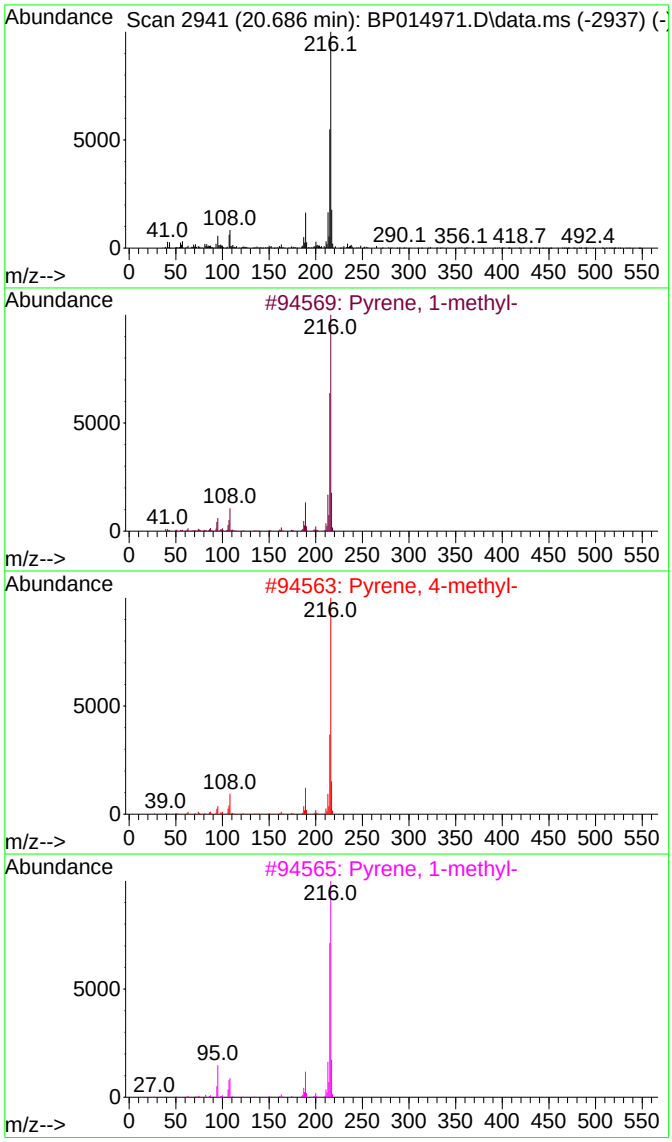
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

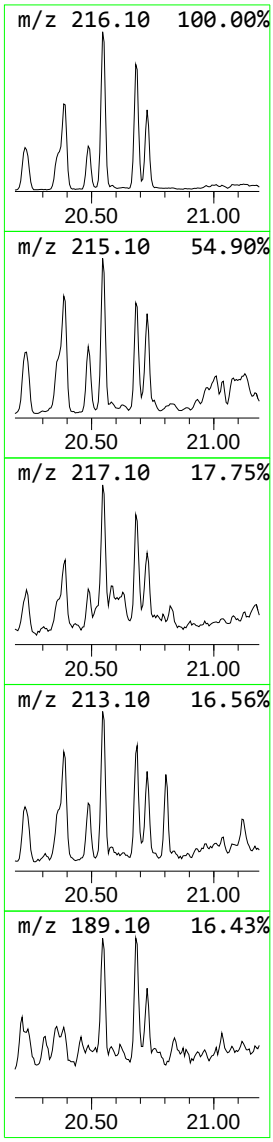
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Pyrene, 4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.686	3.04 ng/ul	794864	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

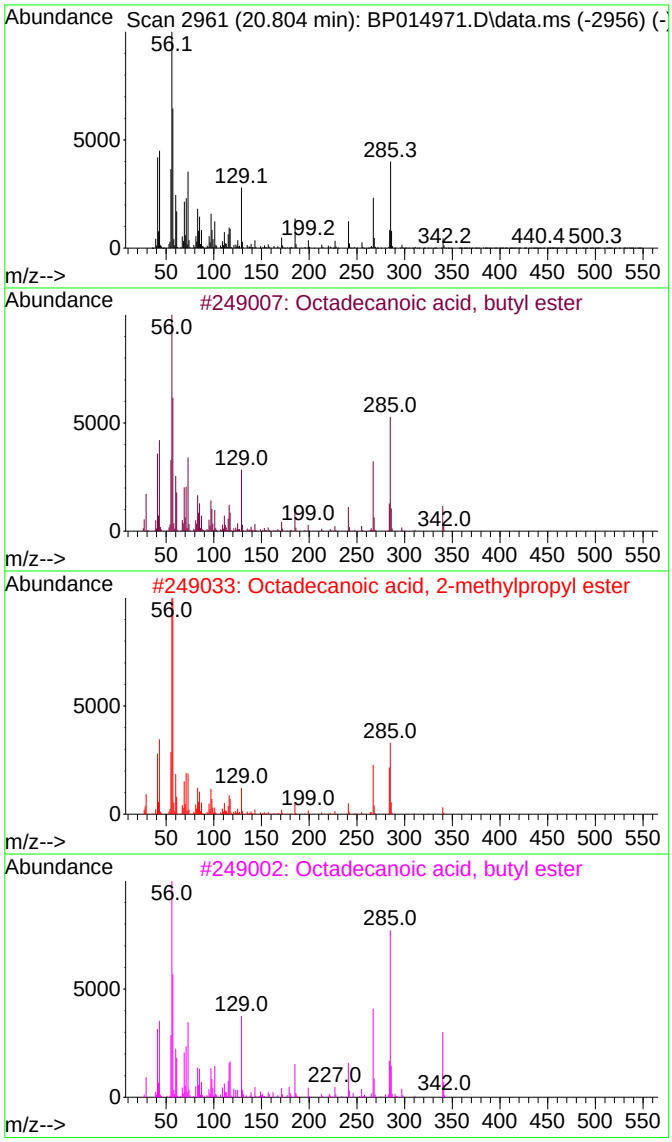
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

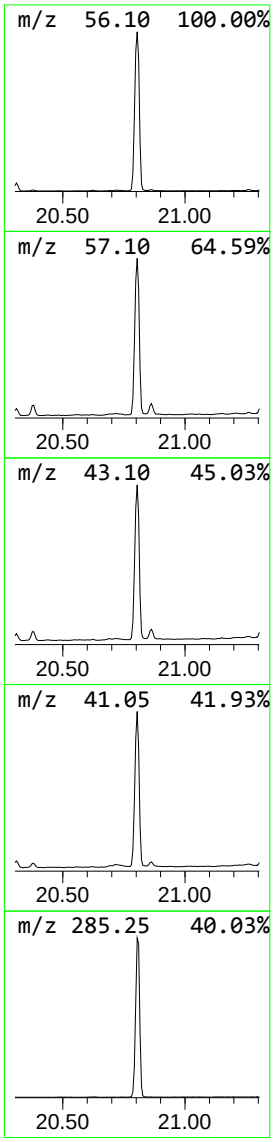
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Octadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.804	50.86 ng/ul	13317100	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	99
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	94
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
4	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

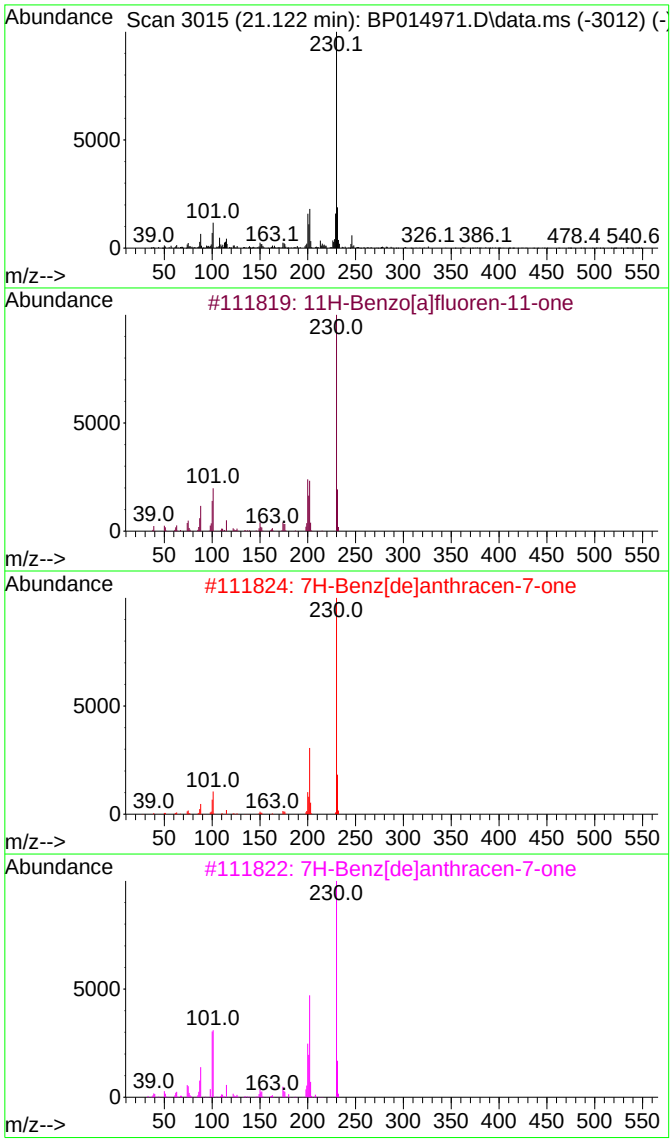
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

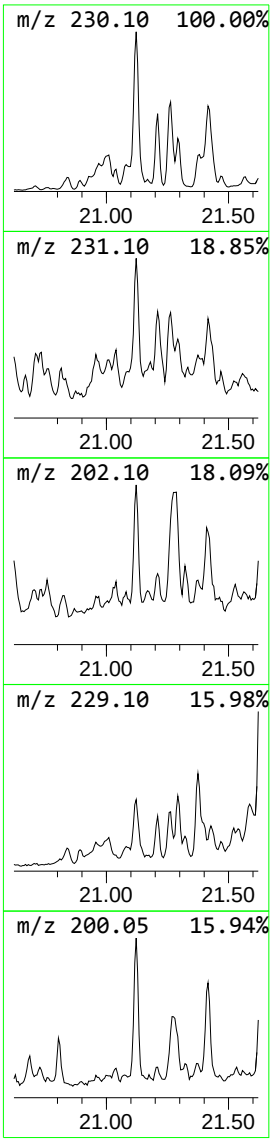
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 11H-Benzo[a]fluoren-11-one Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	2.62 ng/ul	686456	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





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Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

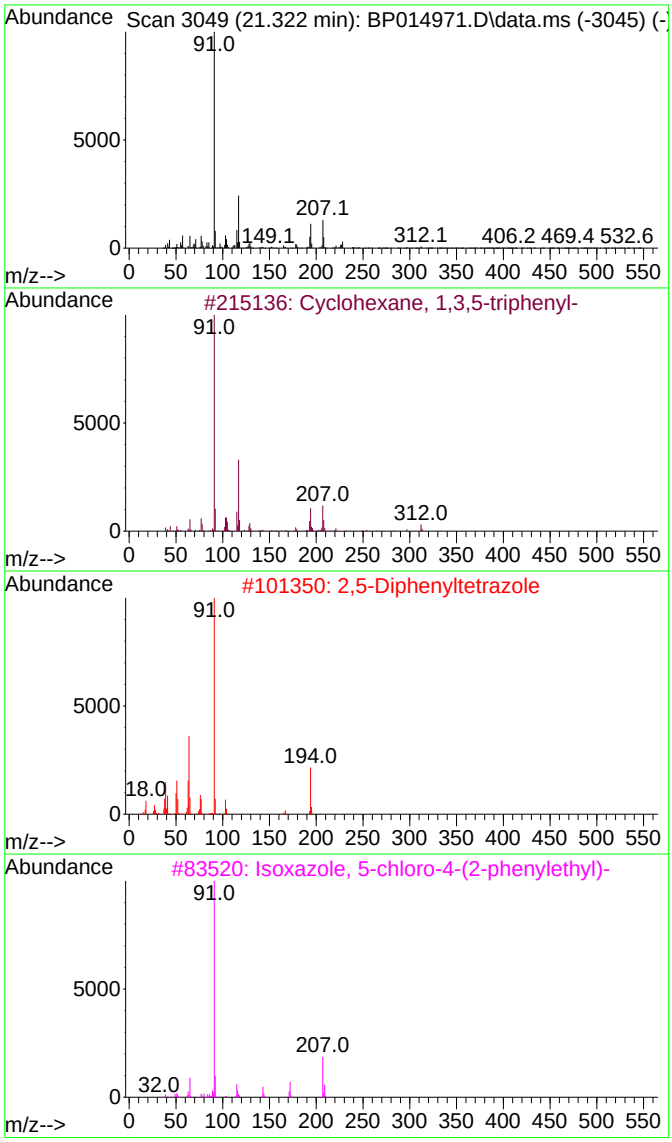
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

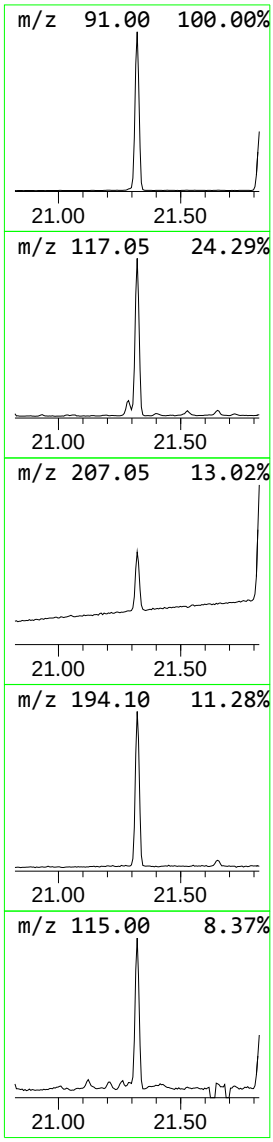
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Cyclohexane, 1,3,5-triphenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	20.96 ng/ul	5488200	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-triphenyl-	312	C24H24	028336-57-4	80
2	2,5-Diphenyltetrazole	222	C13H10N4	018039-45-7	32
3	Isoxazole, 5-chloro-4-(2-phenyle...	207	C11H10ClNO	1000362-09-0	27
4	Carbonic acid, monoamide, N-benz...	207	C12H17NO2	1000451-48-5	27
5	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	17





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

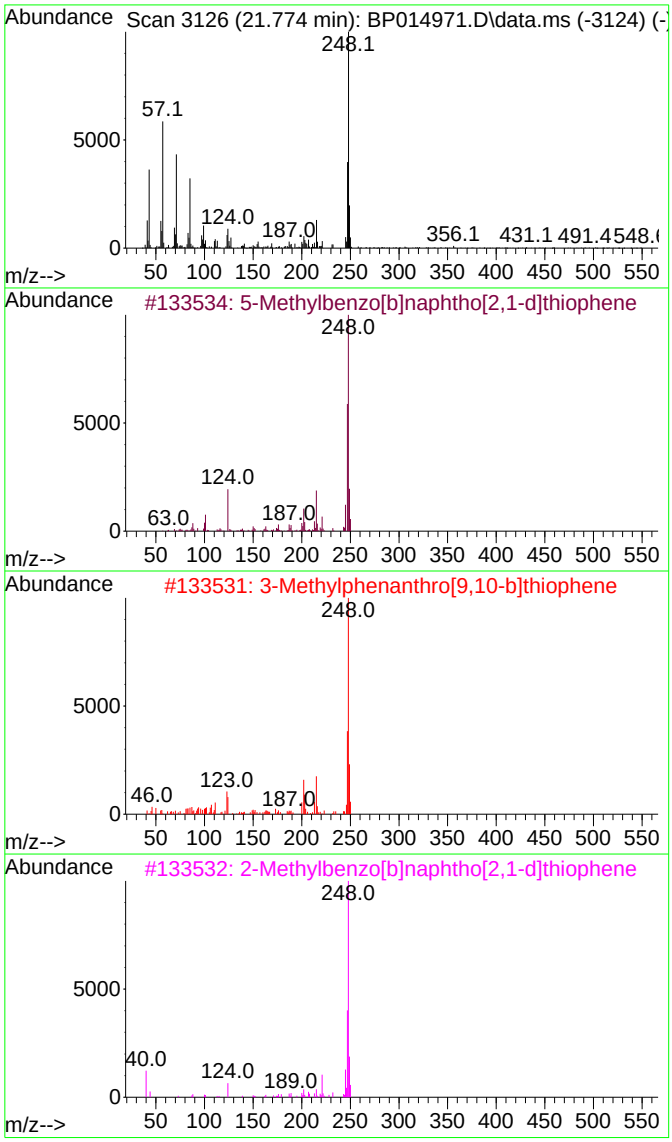
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

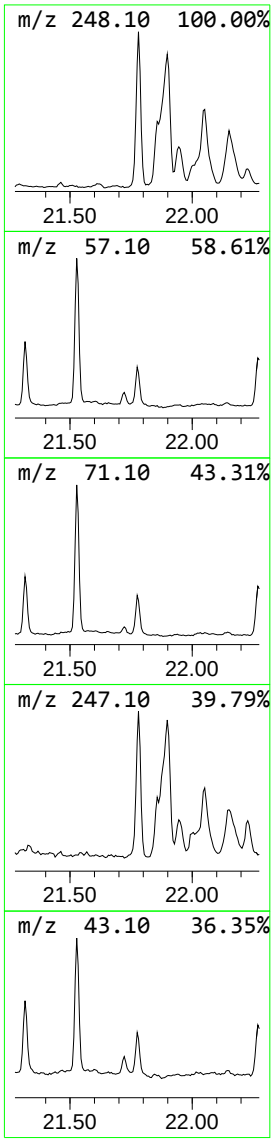
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 5-Methylbenzo[b]naphtho[2,1... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.775	3.33 ng/ul	871860	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	004567-49-1	64
2	3-Methylphenanthro[9,10-b]thiophene	248	C17H12S	082420-70-0	55
3	2-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	1000326-06-8	53
4	3-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	004567-45-7	50
5	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024360-63-2	50





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

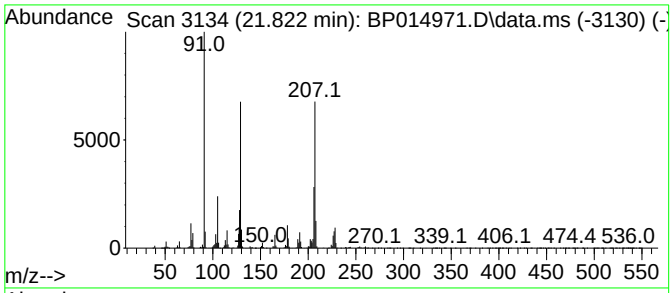
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

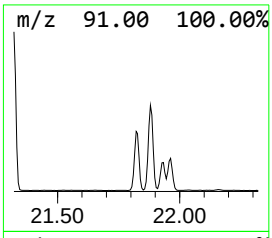
****

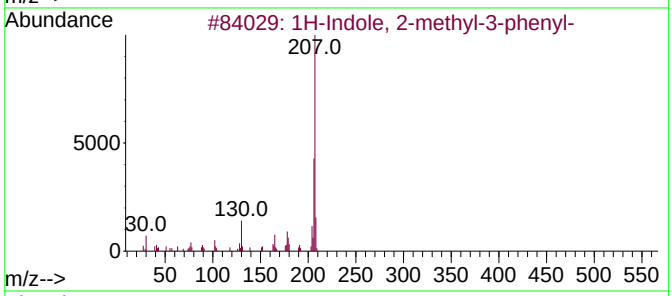
Peak Number 42 unknown-03 Concentration Rank 7

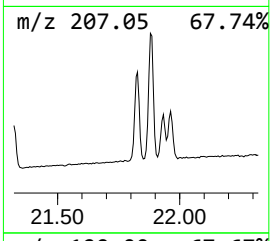
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.822	13.88 ng/ul	3633000	Chrysene-d12	21.651

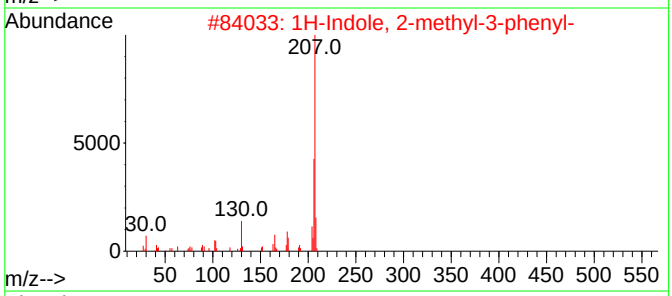
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	46
2	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	42
3	4-Methyl-3-phenyl-1H-indole	207	C15H13N	180271-54-9	30
4	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	30
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	30

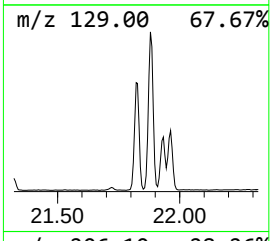


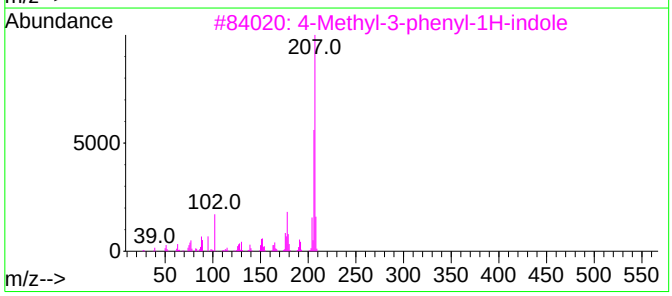


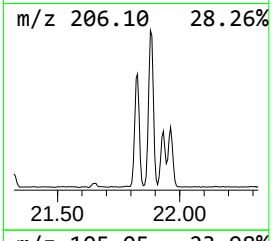


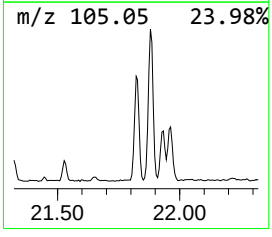












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Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

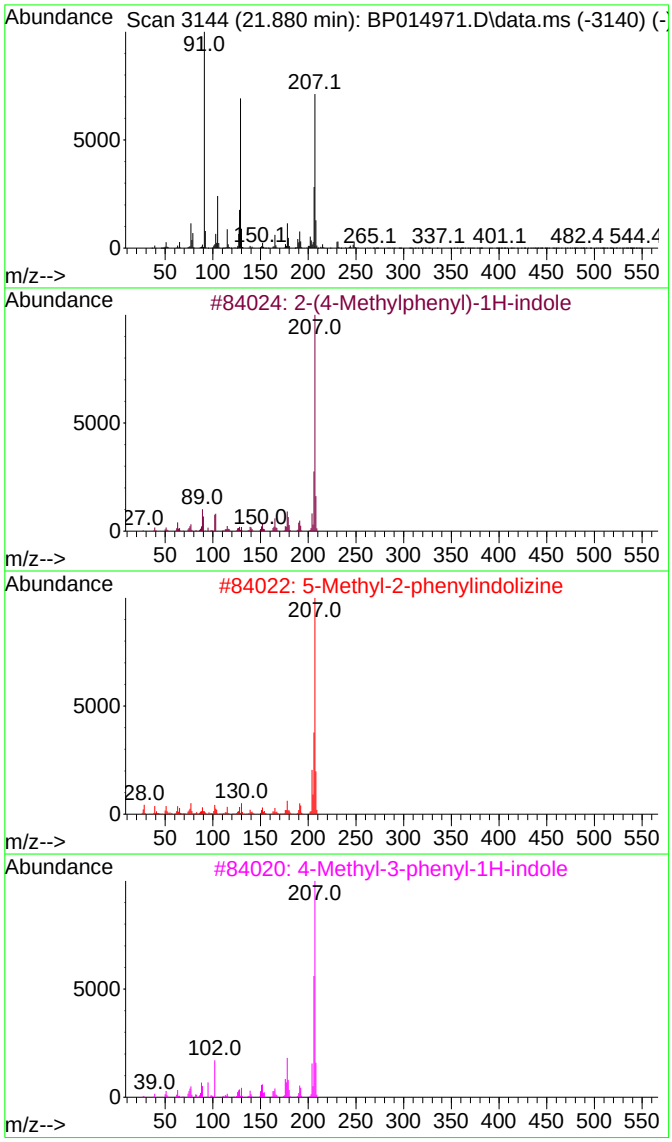
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

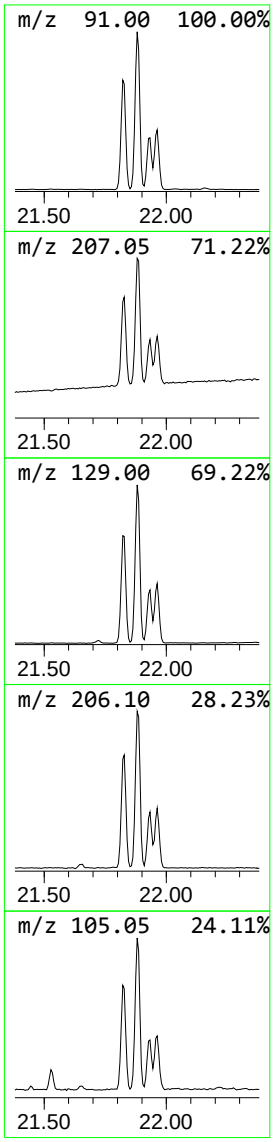
****

Peak Number 43 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.880	21.33 ng/ul	5584110	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	46
2	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	35
3	4-Methyl-3-phenyl-1H-indole	207	C15H13N	180271-54-9	35
4	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	30
5	6-Methyl-5-[1-piperidinyl]-2,4-p...	207	C10H17N5	164589-37-1	27





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

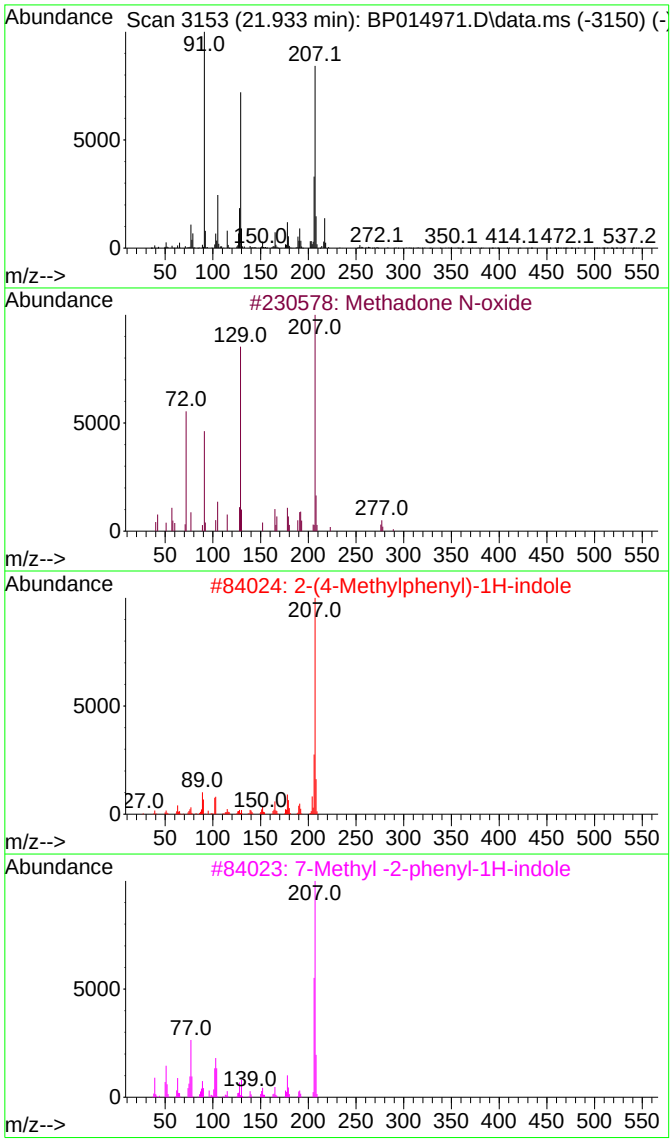
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

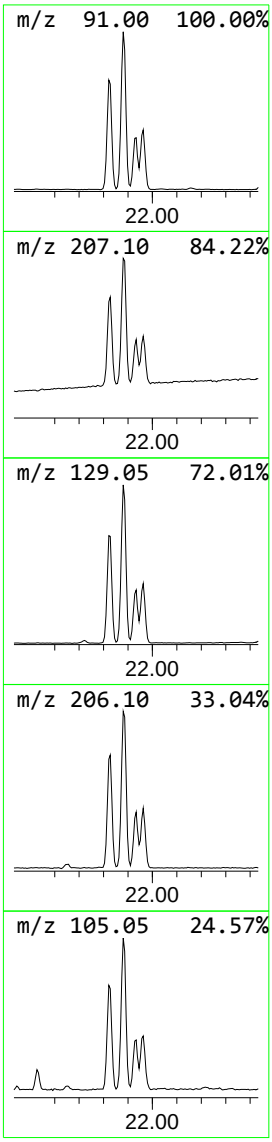
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Methadone N-oxide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.933	6.09 ng/ul	1593360	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	72
2	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	60
3	7-Methyl -2-phenyl-1H-indole	207	C15H13N	059541-82-1	52
4	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	50
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	50





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Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

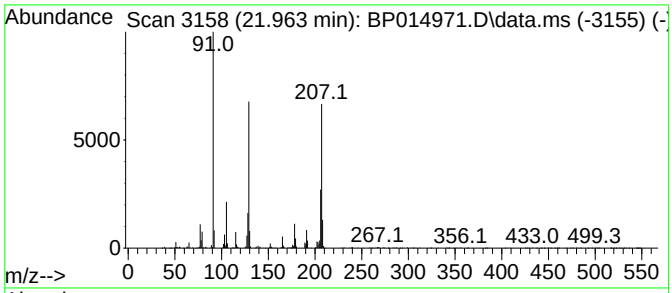
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

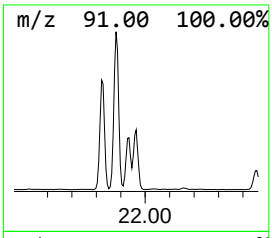
****

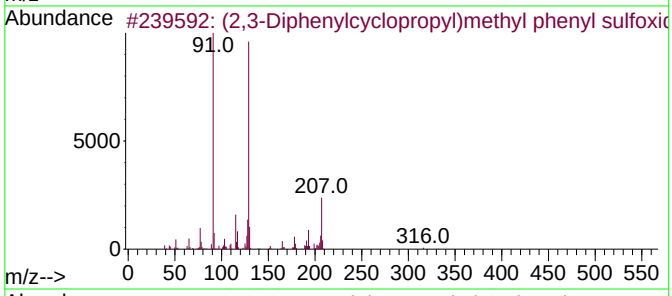
Peak Number 45 unknown-05 Concentration Rank 19

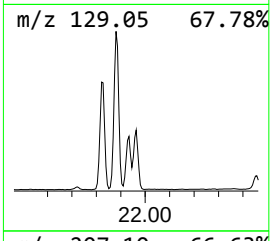
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.963	5.88 ng/ul	1539070	Chrysene-d12	21.651

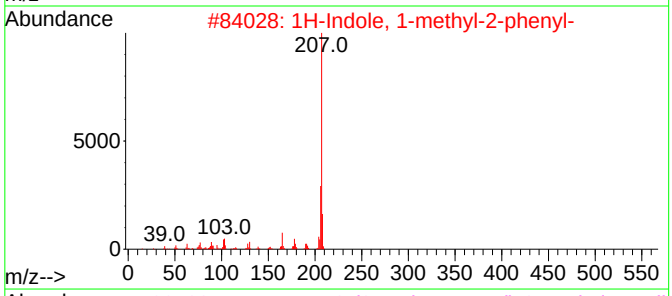
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	49
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	46
3	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1010154-23-3	43
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	41
5	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38

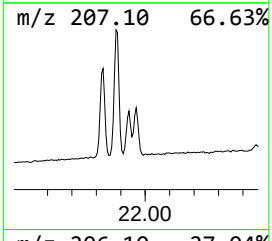


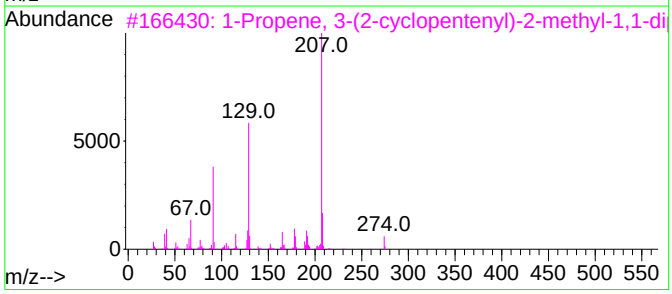


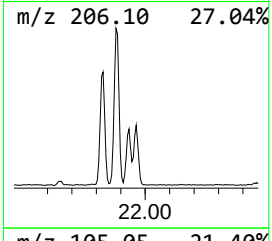


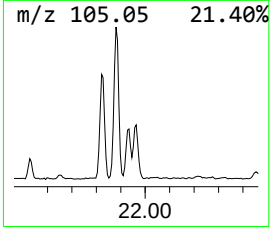












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

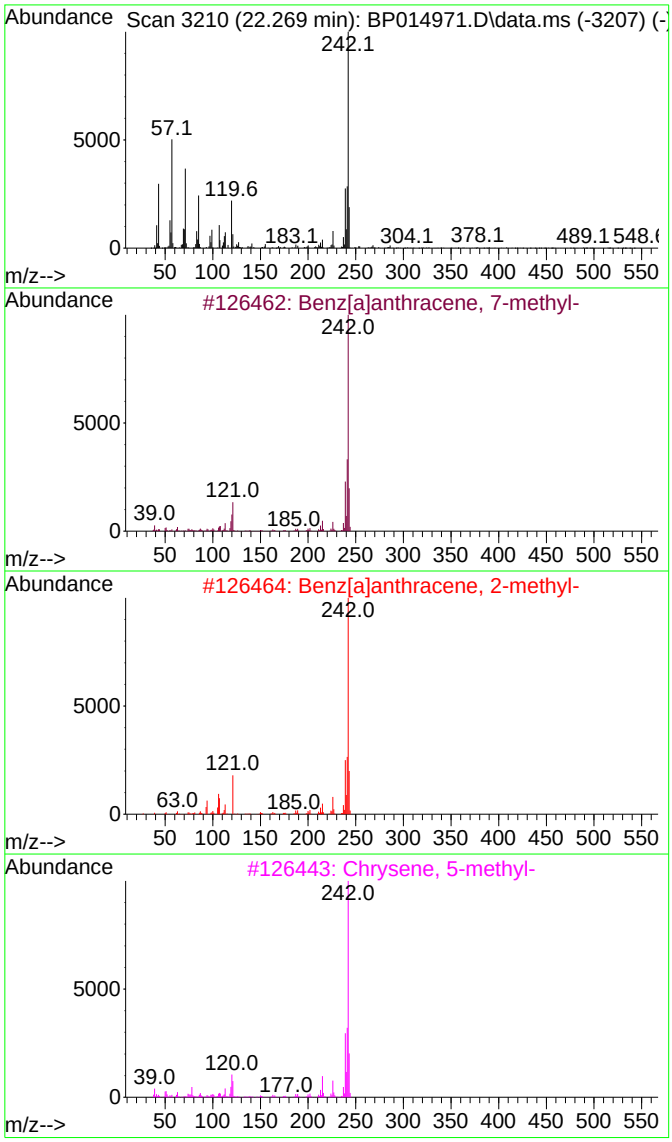
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

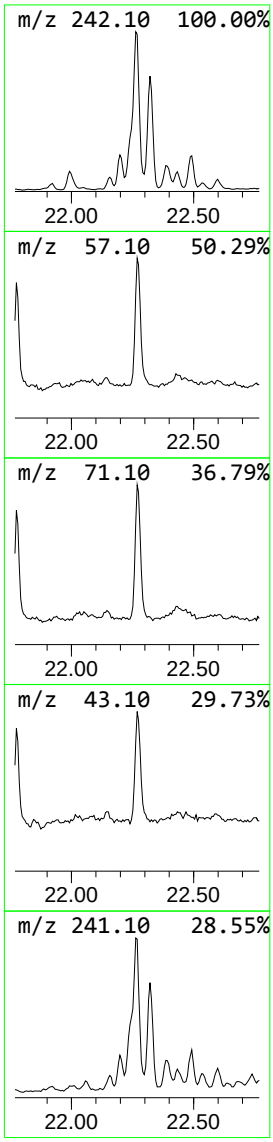
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benz[a]anthracene, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.269	6.45 ng/ul	1688540	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	78
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	70
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	70
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	64
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

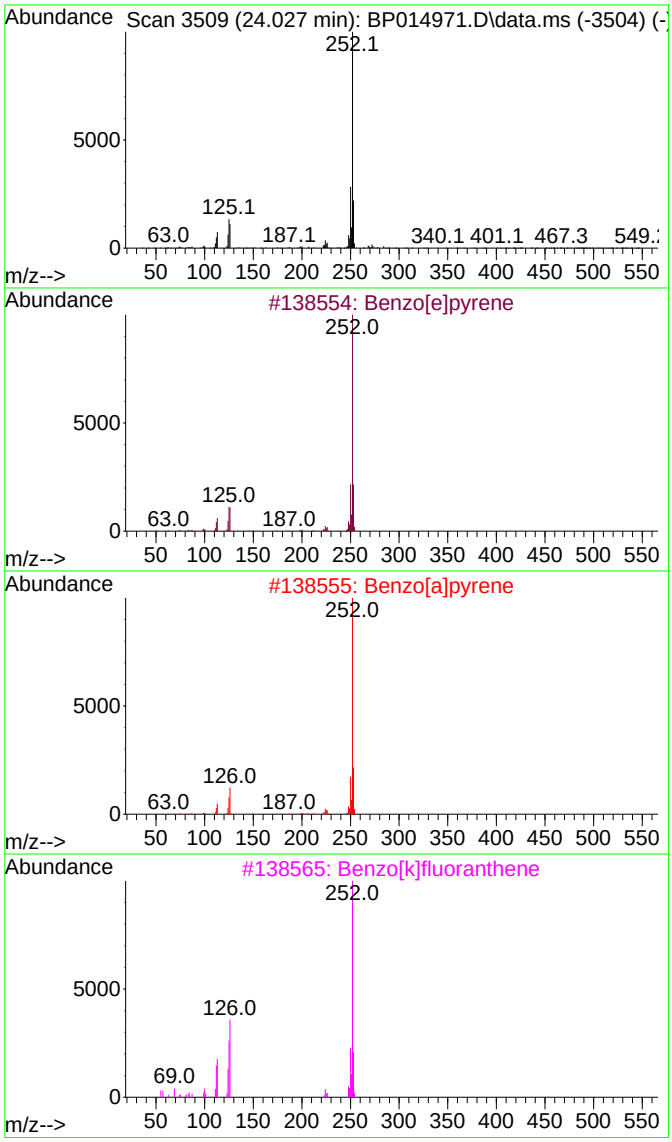
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

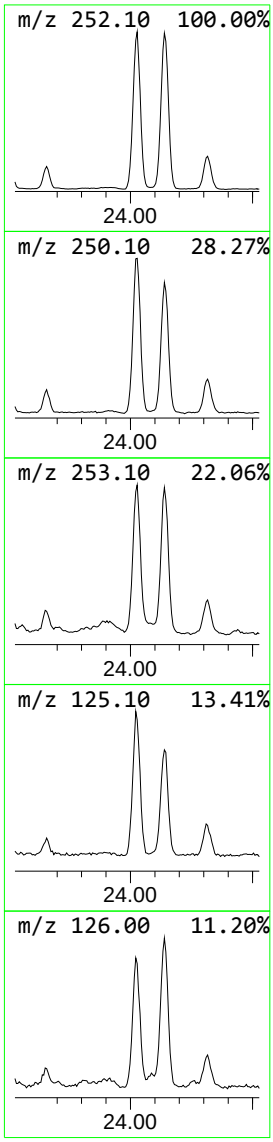
****

Peak Number 47 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.027	16.63 ng/ul	1852850	Perylene-d12	24.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014971.D
Acq On : 05 May 2023 01:35
Operator : CG/JU
Sample : 02479-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW945

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	4.017	3.9	ng/ul	266929	1	8.169	1361750	20.0
(DEL) Alkane: C...	5.299	2.6	ng/ul	180729	1	8.169	1361750	20.0
Benzene, 1,3-di...	5.758	4.4	ng/ul	299752	1	8.169	1361750	20.0
(DEL) Alkane: S...	9.399	2.3	ng/ul	157607	1	8.169	1361750	20.0
(DEL) Alkane: S...	12.399	3.0	ng/ul	254580	2	11.005	1697220	20.0
(DEL) Alkane: S...	13.622	2.3	ng/ul	376743	3	14.810	3351300	20.0
(DEL) Alkane: S...	16.045	2.2	ng/ul	375588	3	14.810	3351300	20.0
Benzophenone	16.163	3.6	ng/ul	608898	3	14.810	3351300	20.0
(DEL) Alkane: S...	16.528	16.0	ng/ul	1968560	4	17.569	2457460	20.0
unknown-02	16.904	3.3	ng/ul	399277	4	17.569	2457460	20.0
1,4,5,8-Tetrame...	17.098	4.0	ng/ul	484742	4	17.569	2457460	20.0
Benzene, 1,1'-(...	17.163	9.0	ng/ul	1101800	4	17.569	2457460	20.0
(DEL) Alkane: S...	17.298	3.8	ng/ul	465932	4	17.569	2457460	20.0
Naphthalene, 1,...	17.375	6.7	ng/ul	820960	4	17.569	2457460	20.0
Benzenamine, 4-...	17.887	2.6	ng/ul	321451	4	17.569	2457460	20.0
(DEL) Alkane: S...	18.034	3.0	ng/ul	375329	4	17.569	2457460	20.0
2-Methyldibenzo...	18.139	3.8	ng/ul	461260	4	17.569	2457460	20.0
Phenanthrene, 2...	18.422	10.8	ng/ul	1330130	4	17.569	2457460	20.0
Phenanthrene, 1...	18.469	8.1	ng/ul	995155	4	17.569	2457460	20.0
Butyl myristate	18.604	13.2	ng/ul	1623140	4	17.569	2457460	20.0
Anthracene, 1-m...	18.645	3.1	ng/ul	376308	4	17.569	2457460	20.0
(DEL) Alkane: S...	18.704	3.0	ng/ul	366863	4	17.569	2457460	20.0
Phenanthrene, 3...	19.222	2.3	ng/ul	278652	4	17.569	2457460	20.0
Phenanthrene, 2...	19.304	6.1	ng/ul	753004	4	17.569	2457460	20.0
Octadecanoic acid	19.645	2.4	ng/ul	622298	5	21.651	5236590	20.0
Hexadecanoic ac...	19.786	34.9	ng/ul	9132520	5	21.651	5236590	20.0
7H-Benzo[c]fluo...	20.380	3.3	ng/ul	853276	5	21.651	5236590	20.0
Pyrene, 1-methyl-	20.545	2.8	ng/ul	725796	5	21.651	5236590	20.0
Pyrene, 4-methyl-	20.686	3.0	ng/ul	794864	5	21.651	5236590	20.0
Octadecanoic ac...	20.804	50.9	ng/ul	13317100	5	21.651	5236590	20.0
11H-Benzo[a]flu...	21.122	2.6	ng/ul	686456	5	21.651	5236590	20.0
Cyclohexane, 1,...	21.322	21.0	ng/ul	5488200	5	21.651	5236590	20.0
5-Methylbenzo[b...	21.775	3.3	ng/ul	871860	5	21.651	5236590	20.0
unknown-03	21.822	13.9	ng/ul	3633000	5	21.651	5236590	20.0
unknown-04	21.880	21.3	ng/ul	5584110	5	21.651	5236590	20.0
Methadone N-oxide	21.933	6.1	ng/ul	1593360	5	21.651	5236590	20.0
unknown-05	21.963	5.9	ng/ul	1539070	5	21.651	5236590	20.0
Benz[a]anthrace...	22.269	6.5	ng/ul	1688540	5	21.651	5236590	20.0
Benzo[e]pyrene	24.027	16.6	ng/ul	1852850	6	24.257	2227940	20.0