LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020292.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	86	91	102	rBV	113046	209591	1.12%	0.171%
2	3.710	102	106	114	rVB	49477	75264	0.40%	0.061%
3	6.810	627	633	644	rVV	224167	472822	2.53%	0.385%
4	6.910	644	650	655	rVV	408893	637874	3.41%	0.520%
5	6.969	655	660	669	rVB	177657	296597	1.59%	0.242%
6	7.151	684	691	700	rBV	263427	480690	2.57%	0.392%
7	7.616	763	770	778	rBV	288702	477189	2.55%	0.389%
8	8.328	885	891	907	rBV	251465	551699	2.95%	0.450%
9	8.451	907	912	924	rVB	43514	89989	0.48%	0.073%
10	8.781	961	968	984	rBV	241733	498782	2.67%	0.406%
11	9.492	1081	1089	1104	rBV	214391	416516	2.23%	0.339%
12	10.034	1174	1181	1201	rBV	255350	630873	3.38%	0.514%
13	10.204	1205	1210	1225	rVV2	20447	69692	0.37%	0.057%
14	10.386	1229	1241	1247	rBV	401831	709209	3.79%	0.578%
15	10.434	1247	1249	1262	rVB2	43296	80208	0.43%	0.065%
16	10.557	1262	1270	1290	rBV	132485	354239	1.90%	0.289%
17	11.804	1476	1482	1492	rBV	42152	71931	0.38%	0.059%
18	11.933	1492	1504	1512	rBV5	16734	61254	0.33%	0.050%
19	12.063	1522	1526	1535	rVB2	25276	46931	0.25%	0.038%
20	12.292	1555	1565	1572	rBV	34160	71414	0.38%	0.058%
21	13.086	1694	1700	1702	rBV	76059	130338	0.70%	0.106%
22	13.263	1723	1730	1735	rVV3	28034	50236	0.27%	0.041%
23	13.433	1754	1759	1766	rBV4	20039	56300	0.30%	0.046%
24	13.604	1780	1788	1791	rBV3	40351	94134	0.50%	0.077%
25	13.645	1791	1795	1800	rVV5	38565	101844	0.54%	0.083%
26	13.704	1800	1805	1818	rVV	636995	1090905	5.84%	0.889%
27	13.839	1824	1828	1831	rVV4	24943	44899	0.24%	0.037%
28	13.980	1845	1852	1855	rBV	768242	1300234	6.96%	1.060%
29	14.010	1855	1857	1868	rVV	892008	1136032	6.08%	0.926%
30	14.186	1883	1887	1893	rVB	97195	138747	0.74%	0.113%
31	14.292	1893	1905	1912	rBV	579411	1122544	6.01%	0.915%
32	14.357	1912	1916	1919	rVV	66714	109531	0.59%	0.089%
33	14.386	1919	1921	1927	rVB4	53336	76264	0.41%	0.062%
34	14.527	1938	1945	1950	rBV5	31041	66316	0.35%	0.054%
35	14.580	1950	1954	1962	rBV	79113	209075	1.12%	0.170%
36	14.639	1962	1964	1971	rVV5	33195	69534	0.37%	0.057%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	14.710	1972	1976	1980	rVB2	44793	64526	0.35%	0.053%
38	15.174	2051	2055	2065	rVV2	140149	212944	1.14%	0.174%
39	15.322	2074	2080	2085	rVV	1023080	1447723	7.75%	1.180%
40	15.374	2085	2089	2103	rVB	230745	425784	2.28%	0.347%
41	15.492	2103	2109	2118	rBV4	218598	422536	2.26%	0.344%
42	15.598	2121	2127	2130	rBV2	45855	72245	0.39%	0.059%
43	16.080	2203	2209	2224	rBV4	188456	464268	2.48%	0.378%
44	16.416	2260	2266	2273	rBV5	35201	97197	0.52%	0.079%
45	16.792	2324	2330	2338	rVB	421680	668282	3.58%	0.545%
46	16.898	2344	2348	2352	rBV	107630	133509	0.71%	0.109%
47	16.951	2352	2357	2365	rVB	289629	472398	2.53%	0.385%
48	17.139	2383	2389	2392	rBV	676844	1096238	5.86%	0.893%
49	17.192	2392	2398	2403	rVV	6868093	10940727	58.53%	8.915%
50	17.251	2403	2408	2411	rVV	1041351	1672014	8.95%	1.362%
51	17.280	2411	2413	2421	rVV	672518	905403	4.84%	0.738%
52	17.357	2421	2426	2431	rVB4	39439	75436	0.40%	0.061%
53	17.480	2443	2447	2452	rVB4	31449	50654	0.27%	0.041%
54	17.580	2462	2464	2470	rVB3	42341	56028	0.30%	0.046%
55	17.686	2475	2482	2487	rVV2	448523	731539	3.91%	0.596%
56	17.757	2488	2494	2502	rVB3	89703	216345	1.16%	0.176%
57	17.874	2509	2514	2523	rBV4	82333	218873	1.17%	0.178%
58	18.057	2539	2545	2549	rBV	399808	601901	3.22%	0.490%
59	18.104	2549	2553	2560	rVB2	633746	989817	5.30%	0.807%
60	18.257	2573	2579	2583	rBV2	786129	1335024	7.14%	1.088%
61	18.298	2583	2586	2593	rVB	303355	428917	2.29%	0.350%
62	18.398	2599	2603	2608	rBV3	80228	118718	0.64%	0.097%
63	18.580	2629	2634	2639	rVV	1021093	1579043	8.45%	1.287%
64	18.639	2639	2644	2653	rVB	747311	1167202	6.24%	0.951%
65	18.839	2675	2678	2683	rBV4	45782	69256	0.37%	0.056%
66	18.892	2683	2687	2691	rBV2	66019	82577	0.44%	0.067%
67	19.015	2704	2708	2712	rBV	173133	246999	1.32%	0.201%
68	19.063	2712	2716	2723	rVV	488045	811348	4.34%	0.661%
69	19.121	2723	2726	2730	rVB	94776	121921	0.65%	0.099%
70	19.180	2730	2736	2742	rBV	636130	1051359	5.62%	0.857%
71	19.304	2749	2757	2765	rBV	9337170	12932550	69.19%	10.538%
72	19.457	2777	2783	2788	rVB	1562631	2194879	11.74%	1.789%
73	19.545	2791	2798	2802	rVV2	191471	440383	2.36%	0.359%
74	19.580	2802	2804	2810	rVB	126370	164265	0.88%	0.134%
75	19.686	2810	2822	2830	rBV	11652748	18691646	100.00%	15.231%
76	20.033	2875	2881	2887	rVB	292390	550240	2.94%	0.448%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

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-BP050124.MA.M
Title : SVOA CALIBRATION

77	20.174	2898	2905	2906	rBV4	271944	506114	2.71%	0.412%
78	20.198	2907	2909	2913	rVB	404953	421156	2.25%	0.343%
79	20.309	2925	2928	2932	rBV	114840	157827	0.84%	0.129%
80	20.368	2934	2938	2942	rVV	440508	577352	3.09%	0.470%
81	20.509	2957	2962	2966	rVB	333035	453273	2.43%	0.369%
82	20.562	2966	2971	2975	rBV	393376	620513	3.32%	0.506%
83	21.009	3042	3047	3053	rVB	373421	597978	3.20%	0.487%
84	21.192	3074	3078	3082	rVB2	426305	603757	3.23%	0.492%
85	21.239	3082	3086	3089	rBV	496797	672305	3.60%	0.548%
86	21.280	3089	3093	3097	rVV	911597	1230334	6.58%	1.003%
87	21.362	3103	3107	3112	rVB	332705	536825	2.87%	0.437%
88	21.627	3145	3152	3158	rBV2	3822847	7833046	41.91%	6.383%
89	21.686	3158	3162	3171	rVB	2308690	3614742	19.34%	2.946%
90	21.927	3197	3203	3210	rVB	553055	1017366	5.44%	0.829%
91	22.415	3283	3286	3293	rVB	224023	355791	1.90%	0.290%
92	22.862	3358	3362	3372	rVB	221311	423621	2.27%	0.345%
93	23.956	3539	3548	3556	rBV2	1650862	5894466	31.54%	4.803%
94	24.215	3588	3592	3602	rVB	274791	703325	3.76%	0.573%
95	24.709	3667	3676	3683	rBV	1173305	3289702	17.60%	2.681%
96	24.780	3683	3688	3695	rVV2	693357	1849948	9.90%	1.507%
97	24.868	3696	3703	3716	rVB	1944153	4793660	25.65%	3.906%
98	25.009	3721	3727	3735	rBV	454260	1102978	5.90%	0.899%
99	28.862	4370	4382	4404	rVB	965996	4548775	24.34%	3.707%
100	30.050	4569	4584	4603	rVB2	988685	4790888	25.63%	3.904%

Sum of corrected areas: 122718153

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
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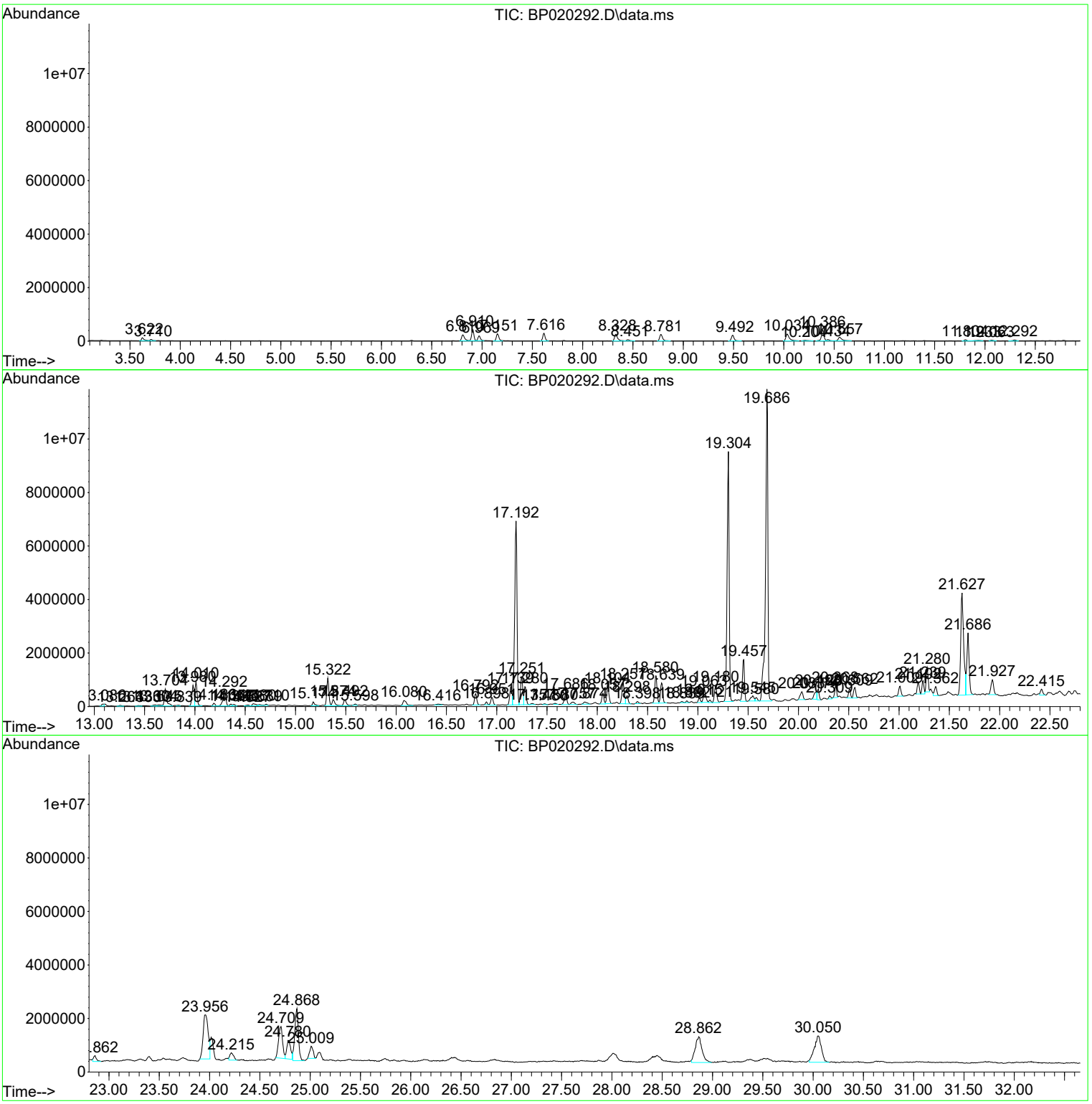
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

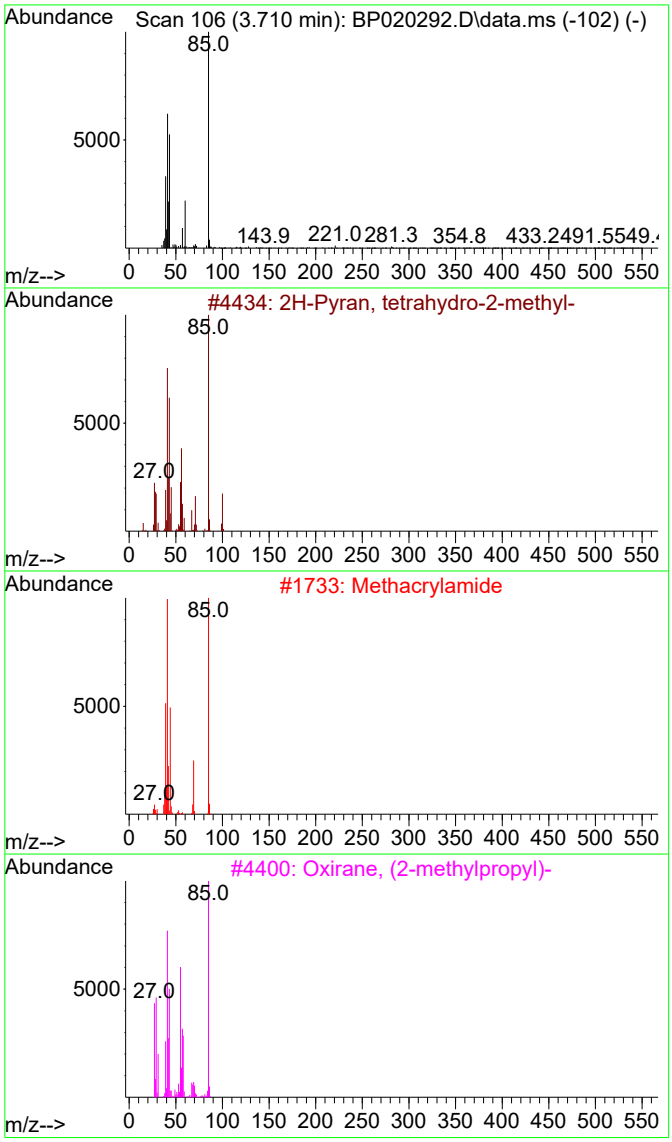
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

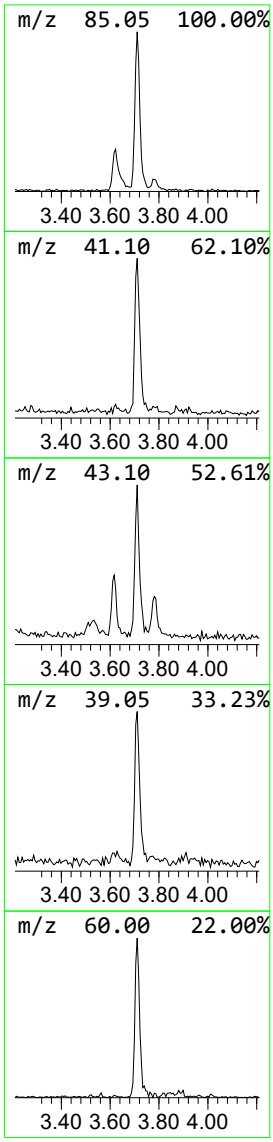
****

Peak Number 1 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.710	3.15 ng/ul	75264	1,4-Dichlorobenzene-d4	7.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	Methacrylamide	85	C4H7NO	000079-39-0	36
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
4	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	33
5	Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

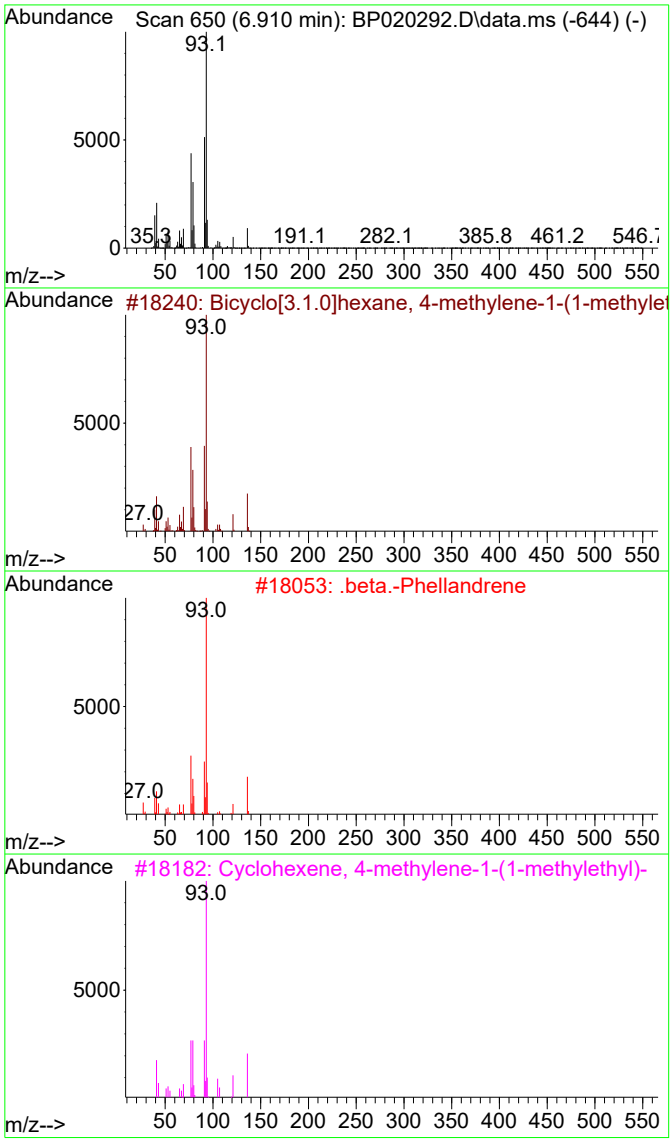
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

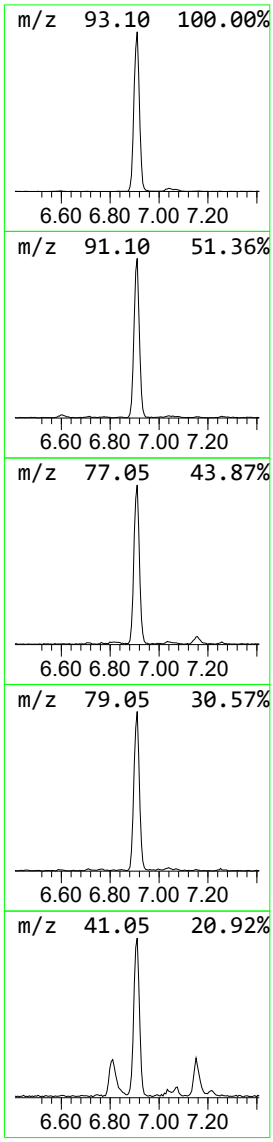
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.910	26.73 ng/ul	637874	1,4-Dichlorobenzene-d4	7.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	94
2	.beta.-Phellandrene	136	C10H16	000555-10-2	91
3	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	87
4	.alpha.-Pinene	136	C10H16	000080-56-8	86
5	.beta.-Phellandrene	136	C10H16	000555-10-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

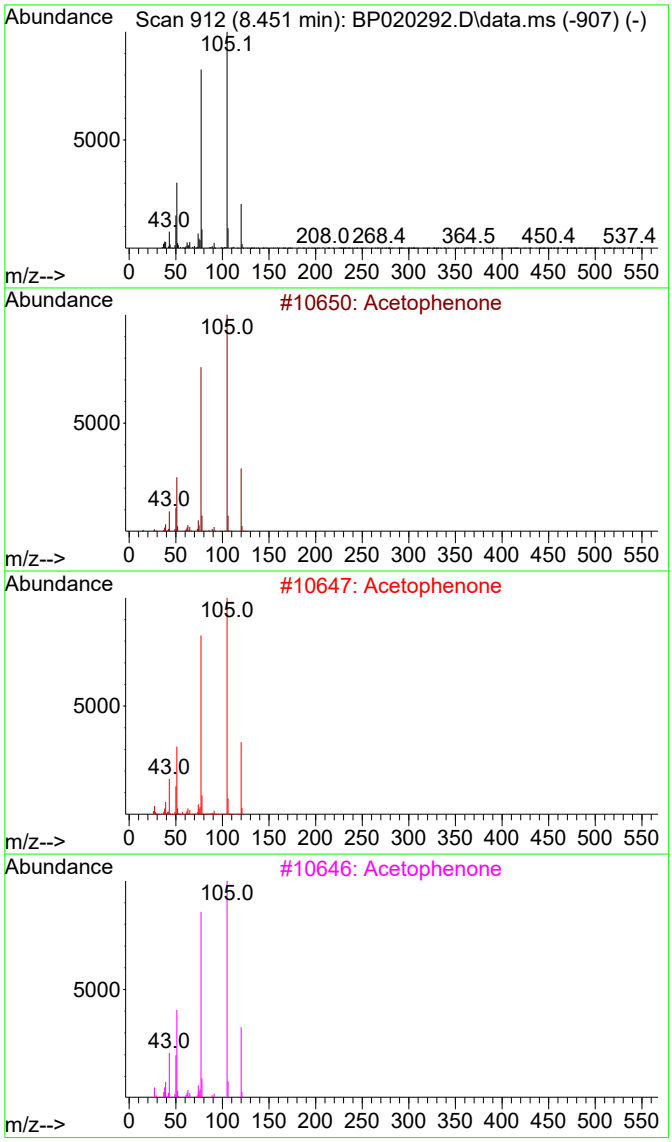
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

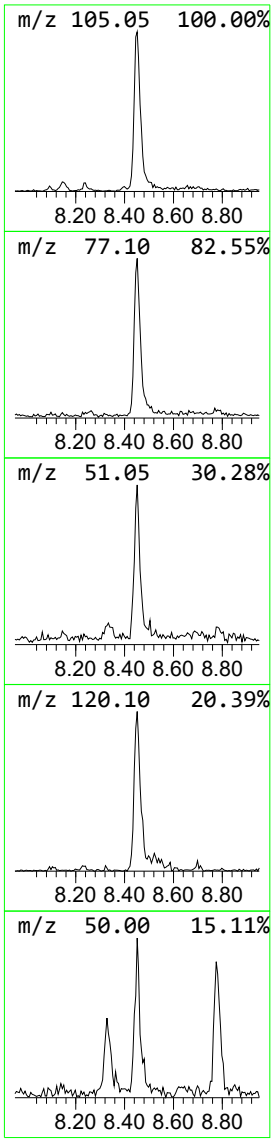
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Aceto phenone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.451	3.77 ng/ul	89989	1,4-Dichlorobenzene-d4	7.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	91
2	Acetophenone	120	C8H8O	000098-86-2	91
3	Acetophenone	120	C8H8O	000098-86-2	91
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Benzoyl bromide	184	C7H5BrO	000618-32-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

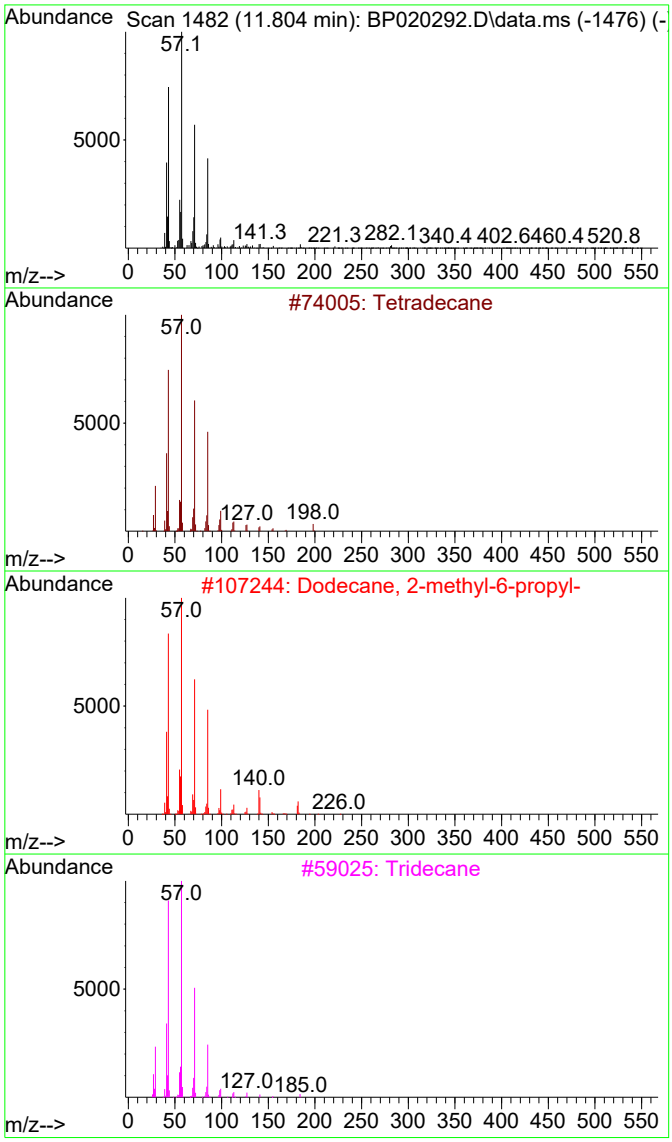
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

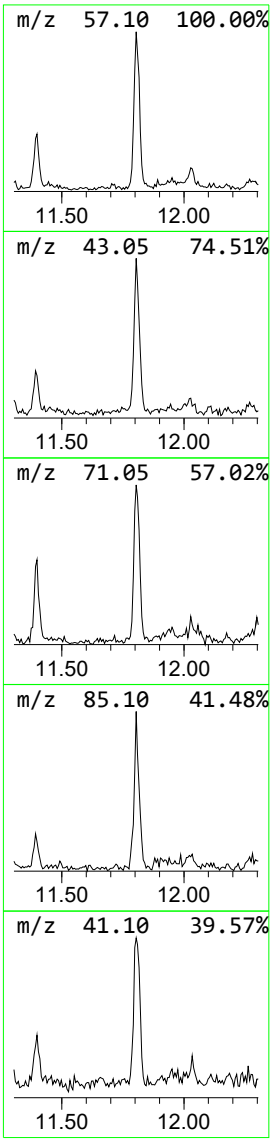
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	2.03 ng/ul	71931	Naphthalene-d8	10.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
3	Tridecane	184	C13H28	000629-50-5	76
4	Tridecane	184	C13H28	000629-50-5	74
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

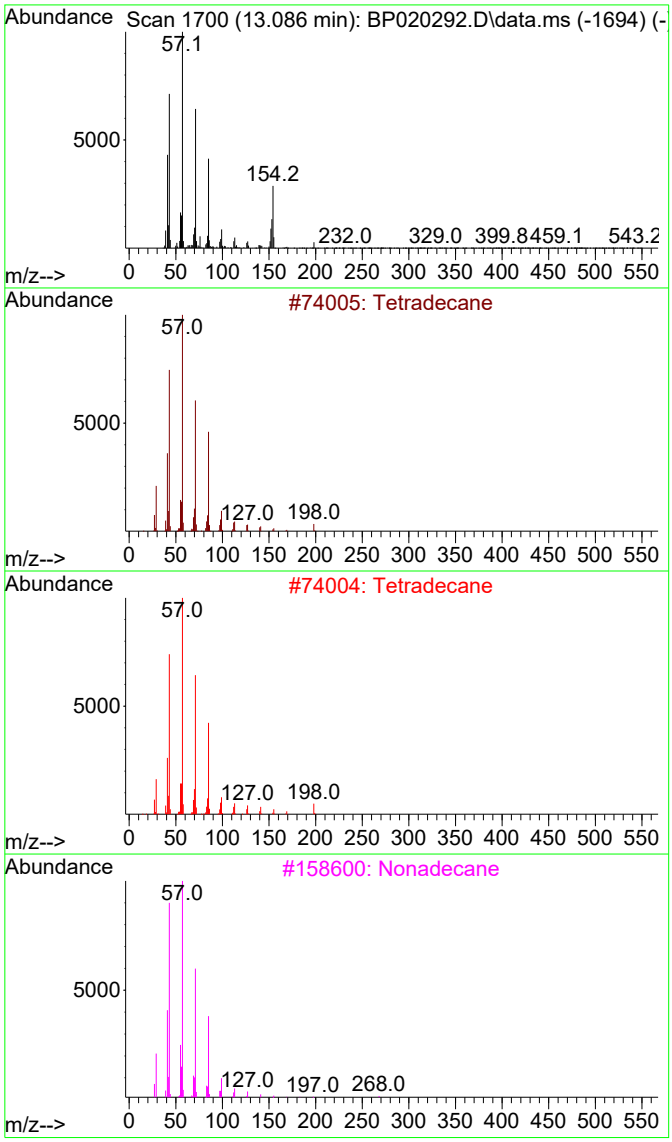
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

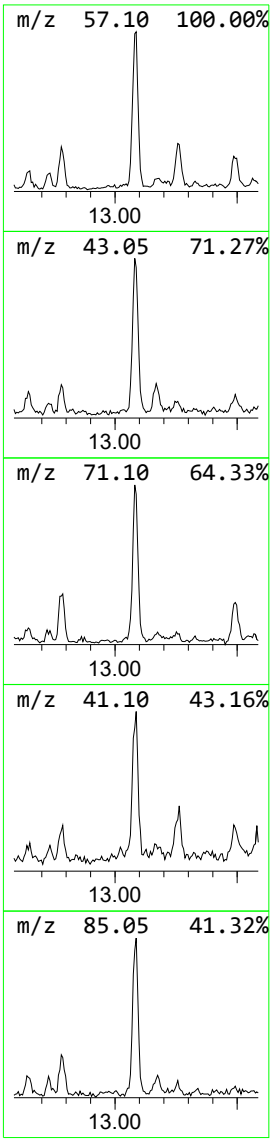
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	2.32 ng/ul	130338	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Nonadecane	268	C19H40	000629-92-5	62
4	Pentadecane	212	C15H32	000629-62-9	58
5	Tetradecane	198	C14H30	000629-59-4	50





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Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

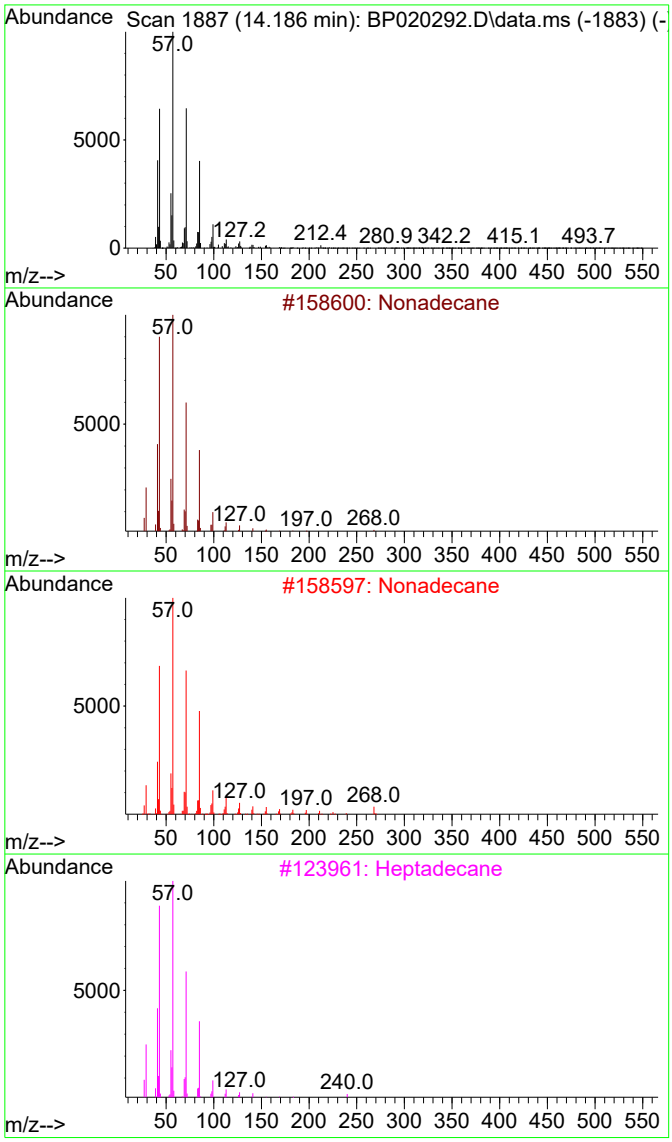
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

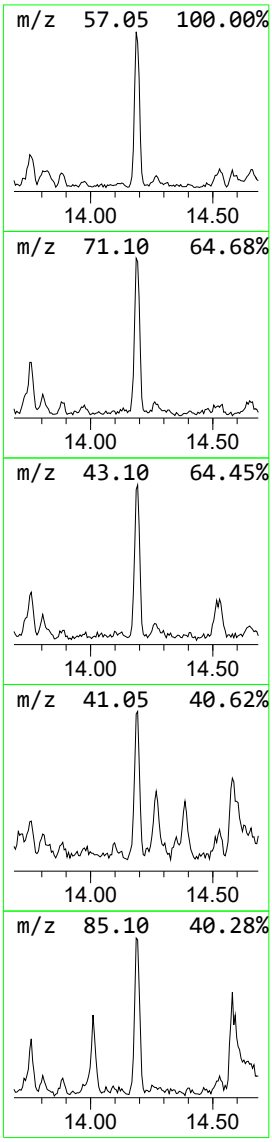
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.186	2.47 ng/ul	138747	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

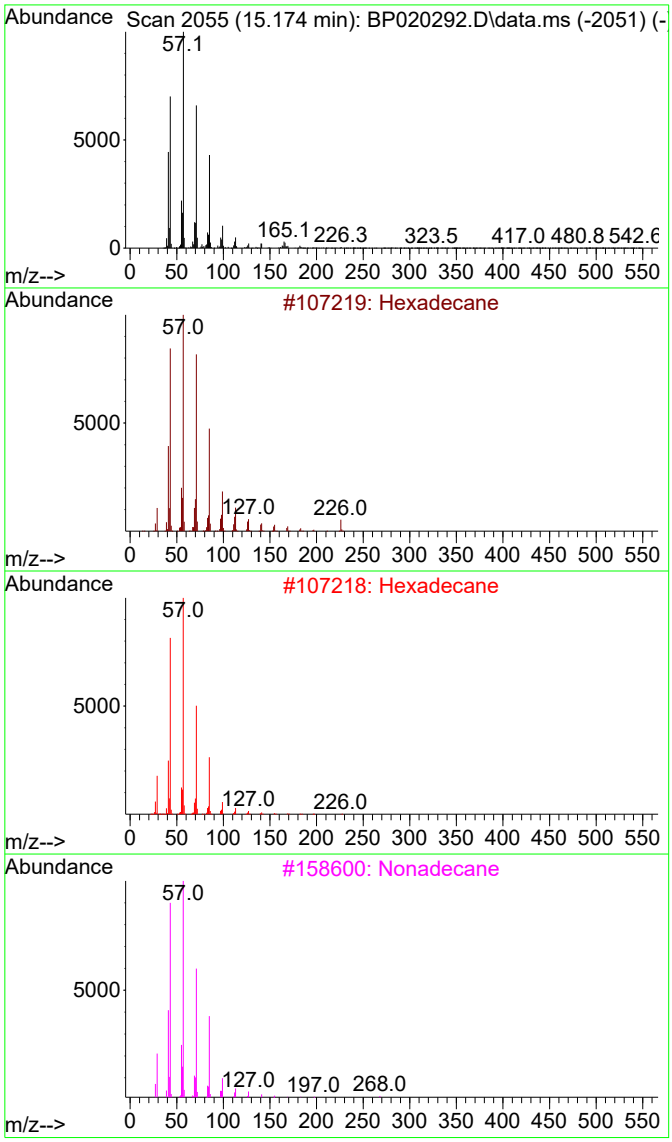
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

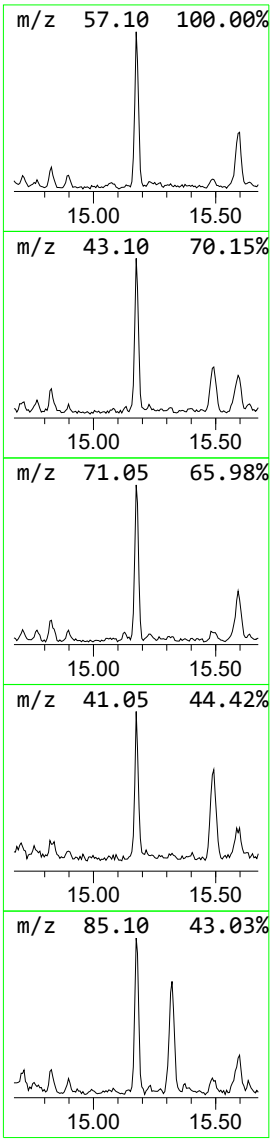
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.175	3.79 ng/ul	212944	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





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Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

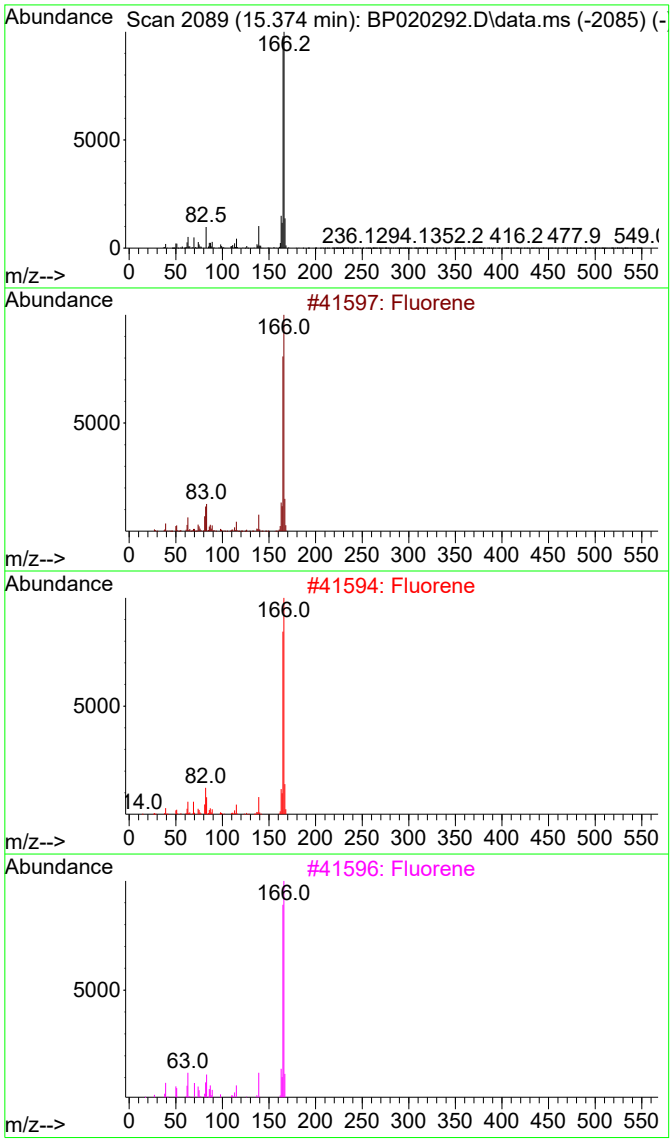
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

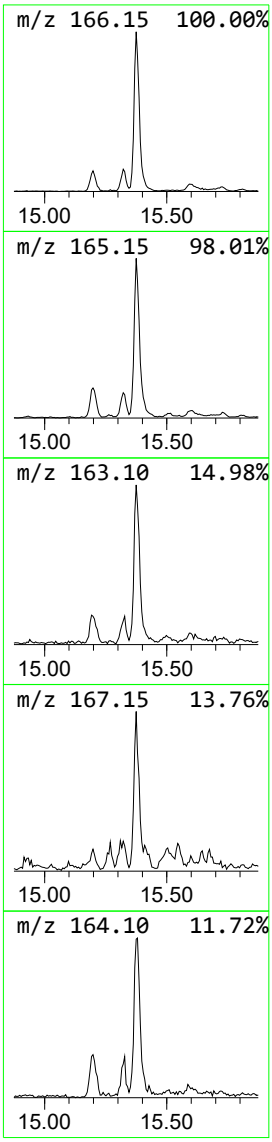
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Fluo rene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	7.59 ng/ul	425784	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	95
2	Fluorene	166	C13H10	000086-73-7	94
3	Fluorene	166	C13H10	000086-73-7	93
4	Fluorene	166	C13H10	000086-73-7	81
5	Fluorene-9-methanol	196	C14H12O	024324-17-2	78





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Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

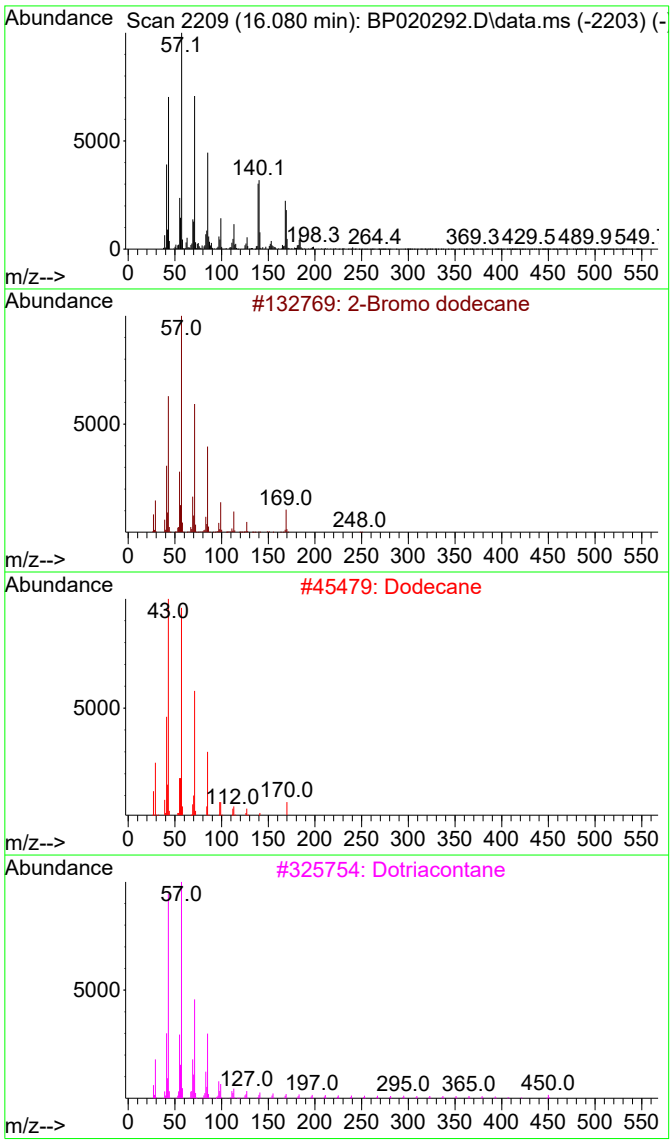
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

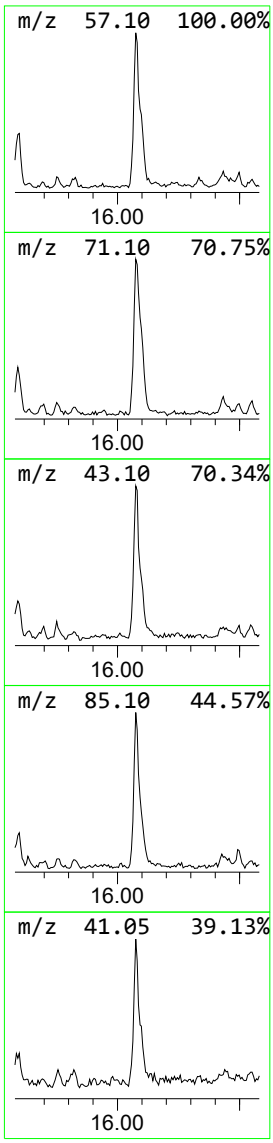
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.080	8.47 ng/ul	464268	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	95
2	Dodecane	170	C12H26	000112-40-3	70
3	Dotriacontane	451	C32H66	000544-85-4	55
4	Tridecane	184	C13H28	000629-50-5	55
5	Dodecane	170	C12H26	000112-40-3	55





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Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

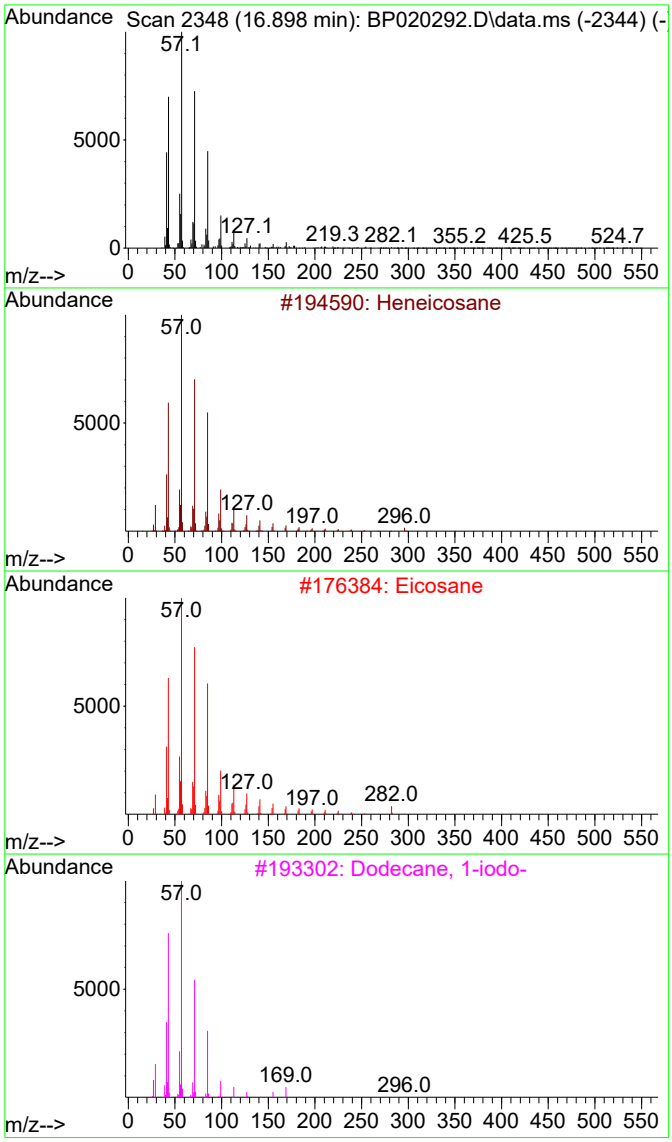
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

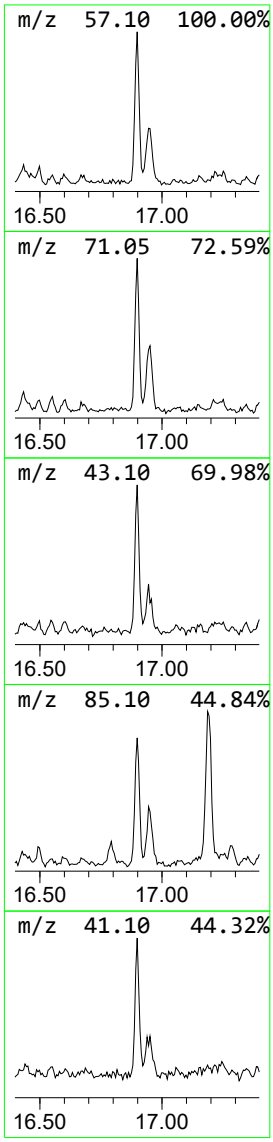
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	2.44 ng/ul	133509	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Octadecane	254	C18H38	000593-45-3	90





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Acq On : 10 May 2024 15:42
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Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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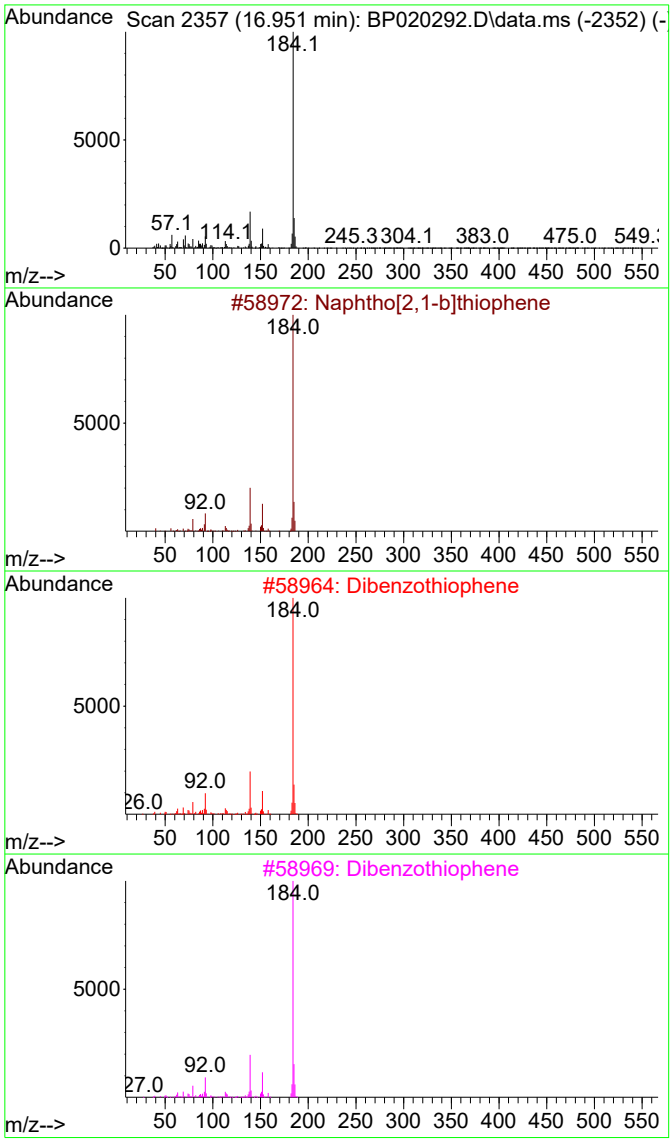
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

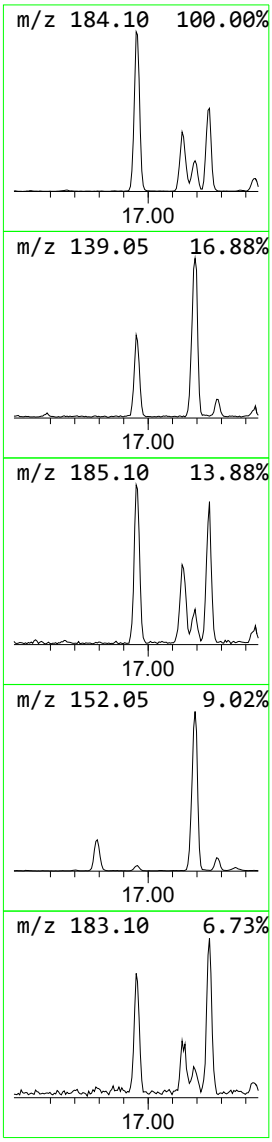
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphtho[2,1-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.951	8.62 ng/ul	472398	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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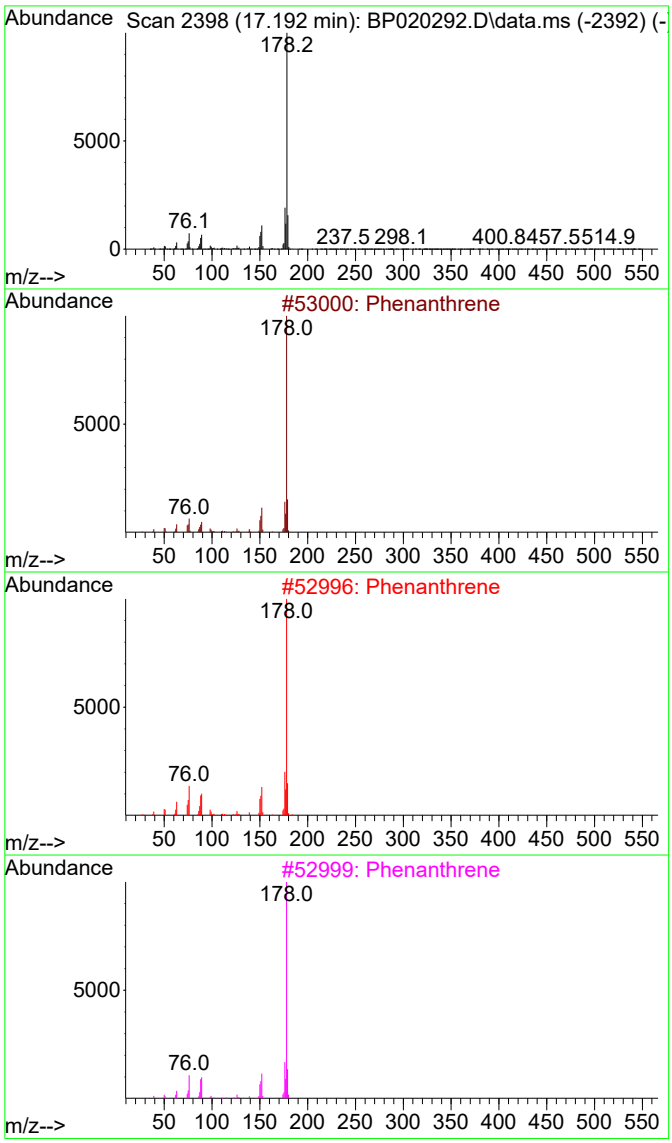
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

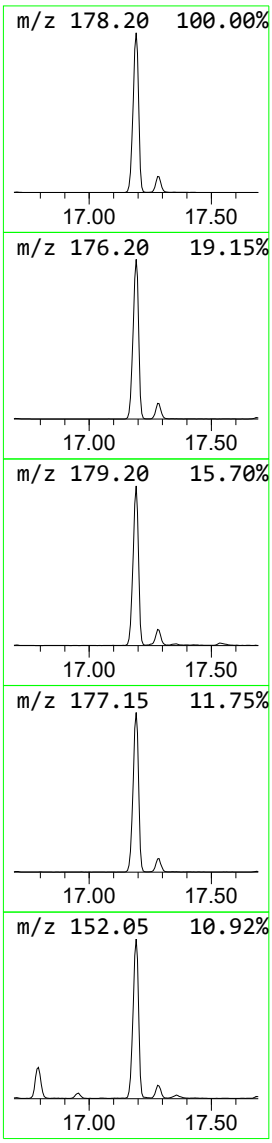
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenan threne Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	199.60 ng/ul	10940700	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene	178	C14H10	000085-01-8	96
2	Phenanthrene	178	C14H10	000085-01-8	95
3	Phenanthrene	178	C14H10	000085-01-8	93
4	Anthracene	178	C14H10	000120-12-7	93
5	Anthracene	178	C14H10	000120-12-7	93





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Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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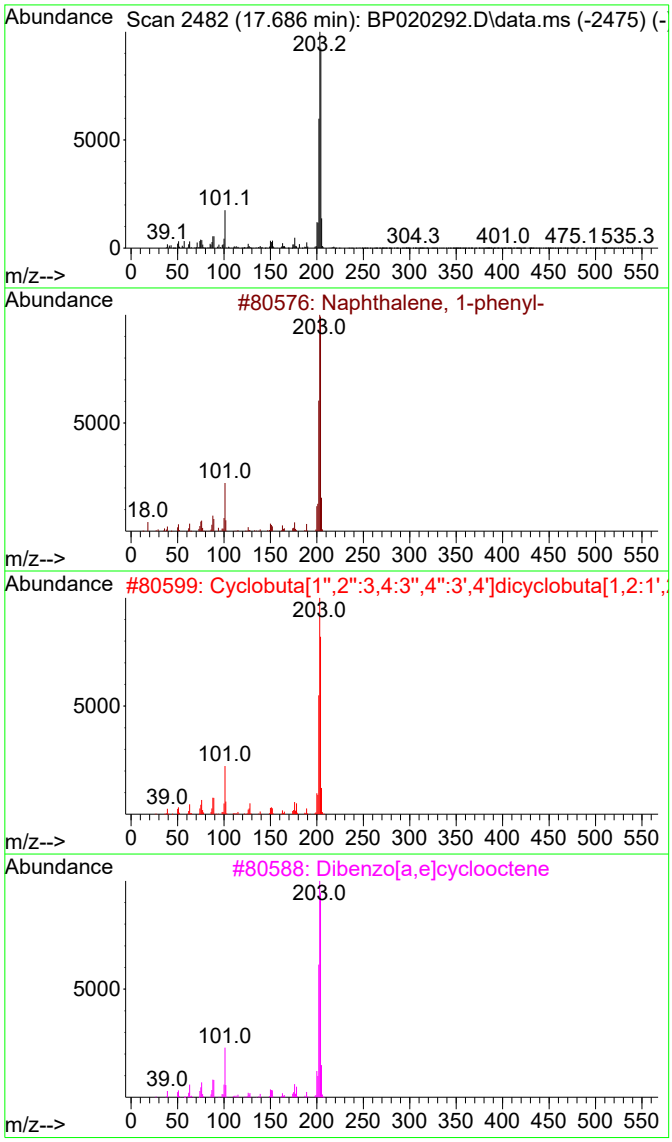
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

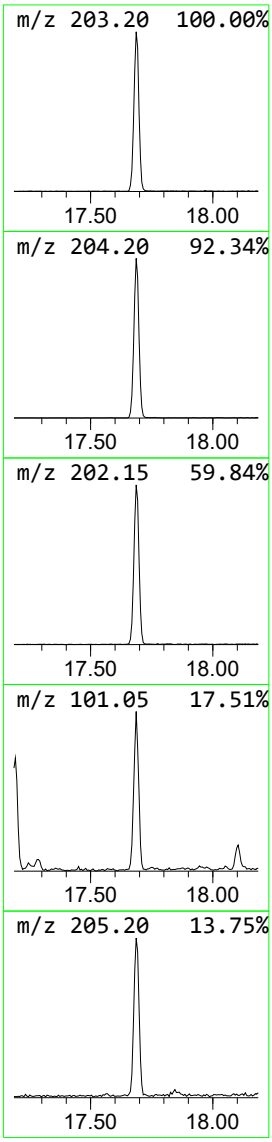
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.686	13.35 ng/ul	731539	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
2	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76





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Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

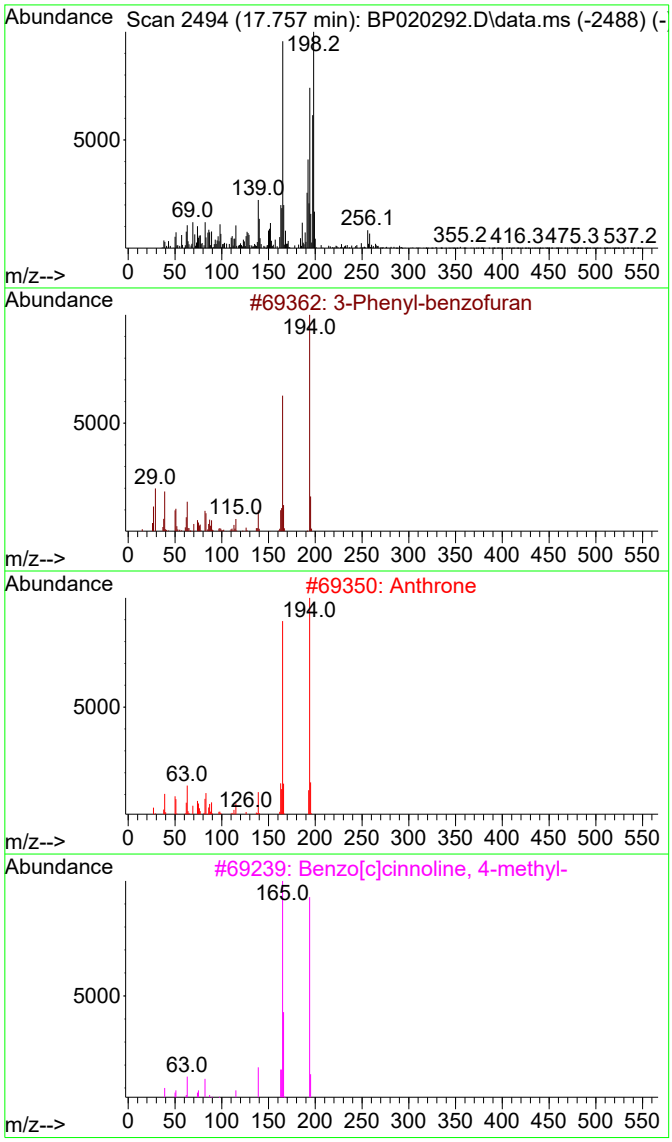
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

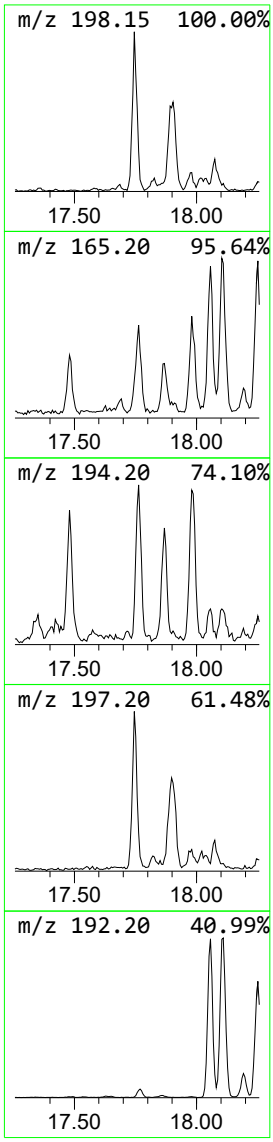
****

Peak Number 15 3-Phenyl-benzofuran Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.757	3.95 ng/ul	216345	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-benzofuran	194	C14H10O	029909-72-6	86
2	Anthrone	194	C14H10O	000090-44-8	64
3	Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	50
4	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	50
5	3-Phenanthrol	194	C14H10O	000605-87-8	43





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Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43R2

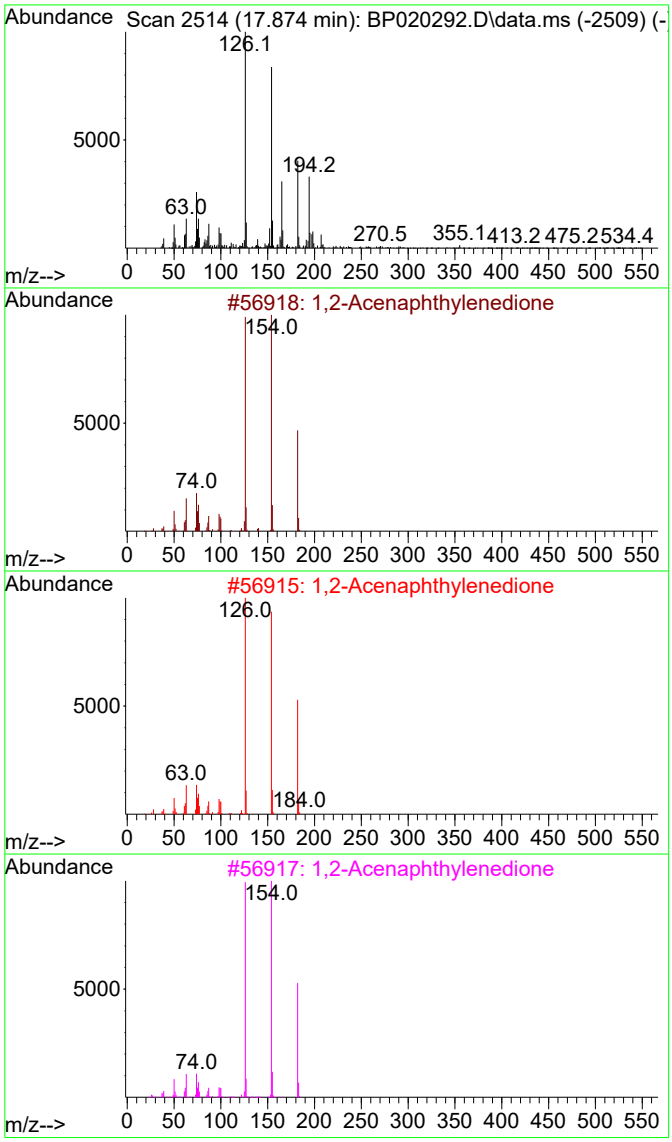
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

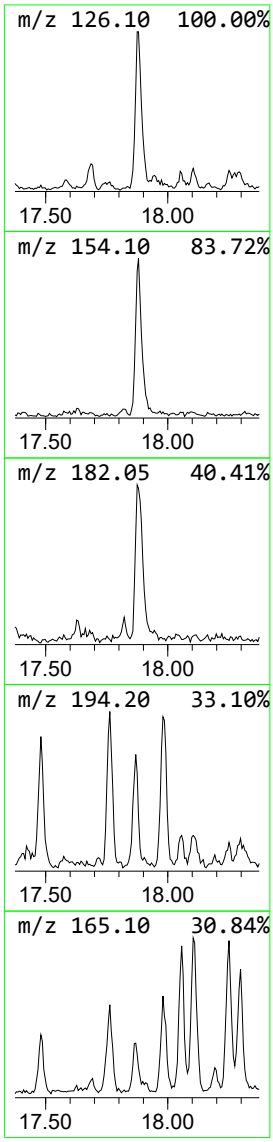
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,2-Acenaphthylenedione Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.874	3.99 ng/ul	218873	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	98
2	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	96
3	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	94
4	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	93
5	1H-Benz[f]indene-1,3(2H)-dione, ...	228	C13H8O4	038627-57-5	64





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Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43R2

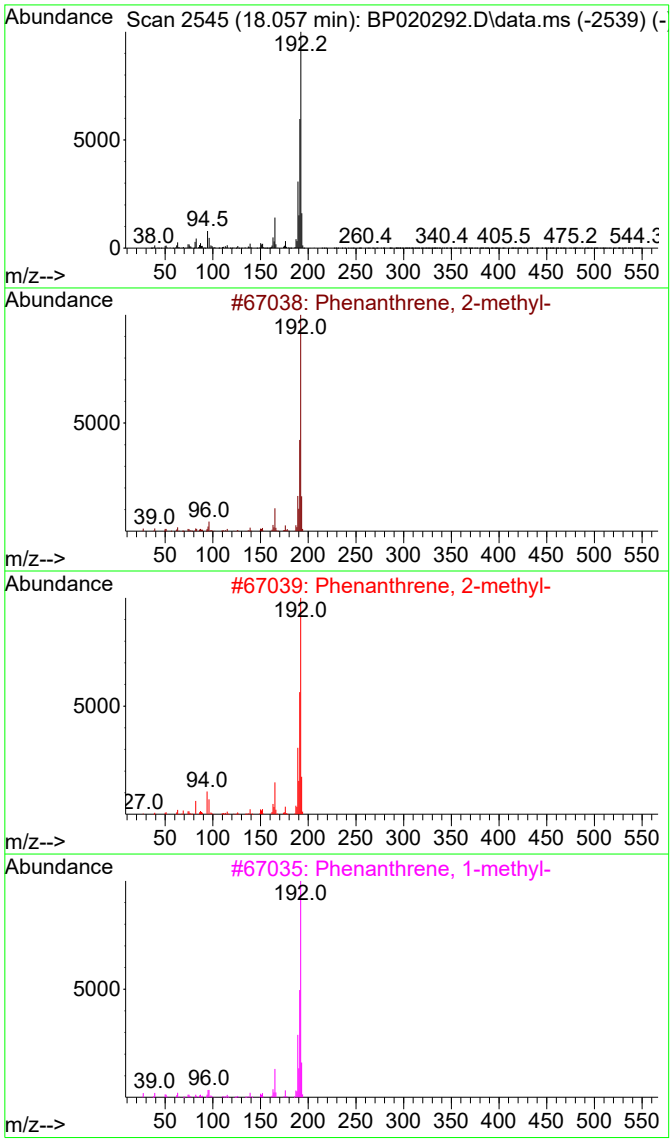
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

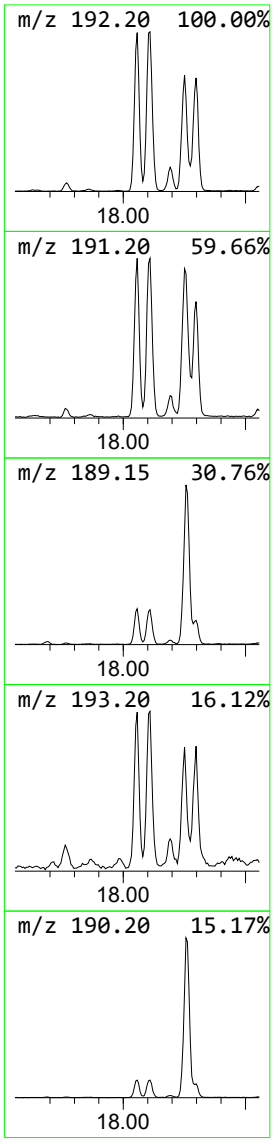
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	10.98 ng/ul	601901	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

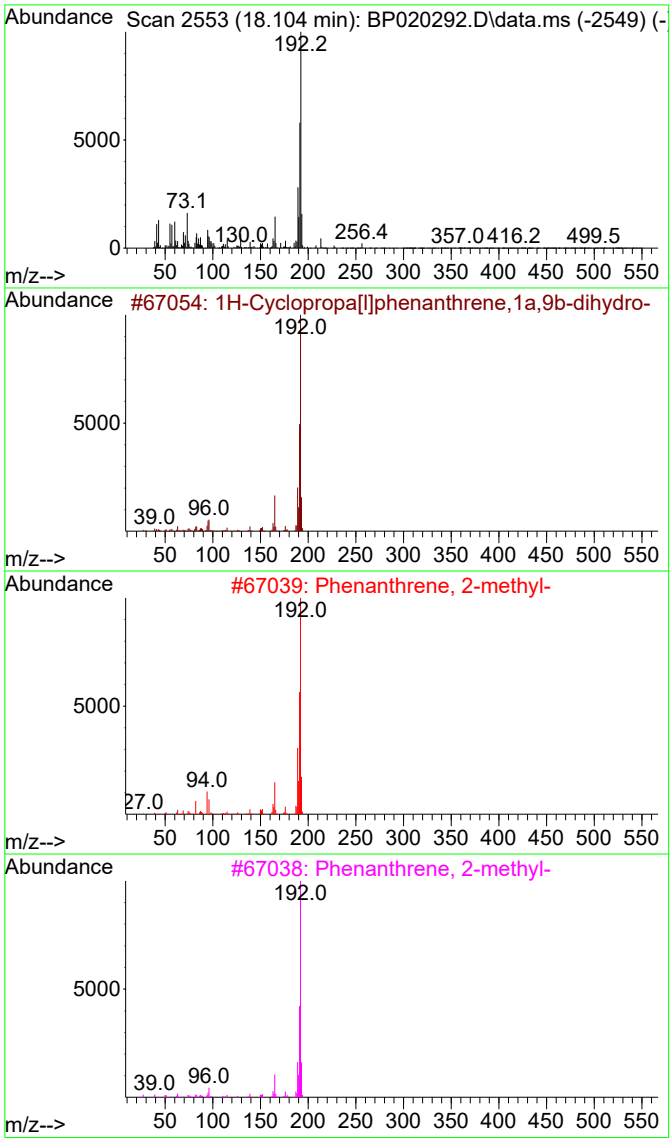
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

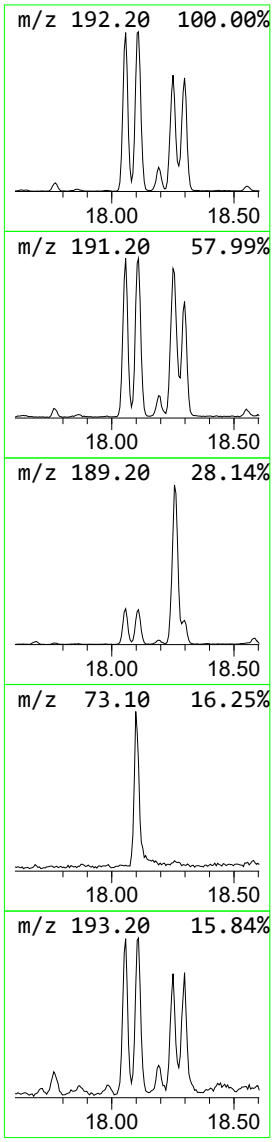
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	18.06 ng/ul	989817	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

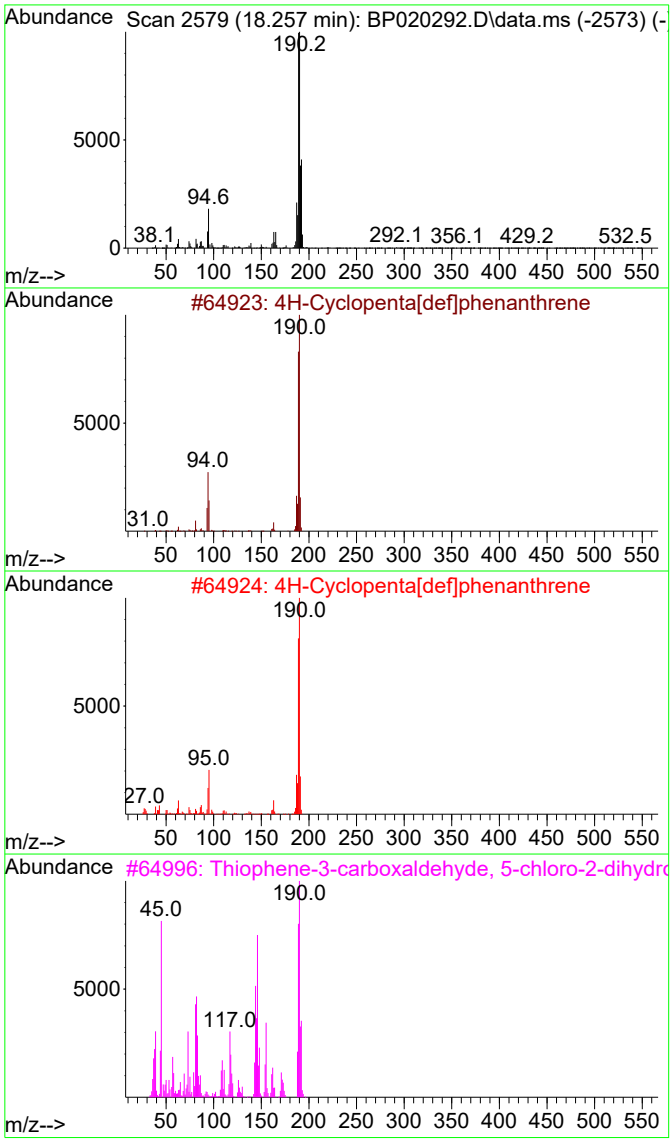
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

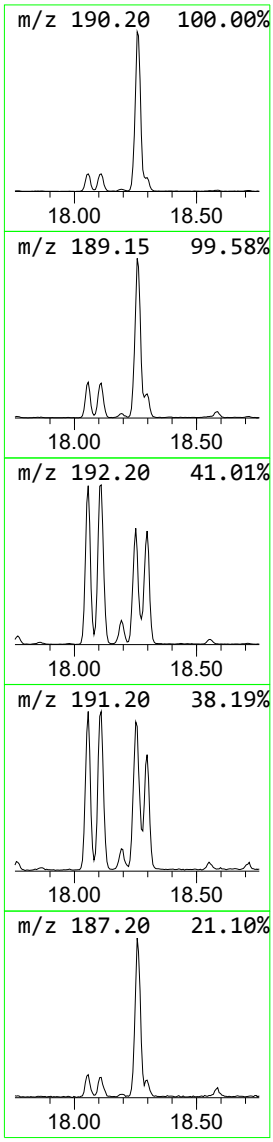
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	24.36 ng/ul	1335020	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	58
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50





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Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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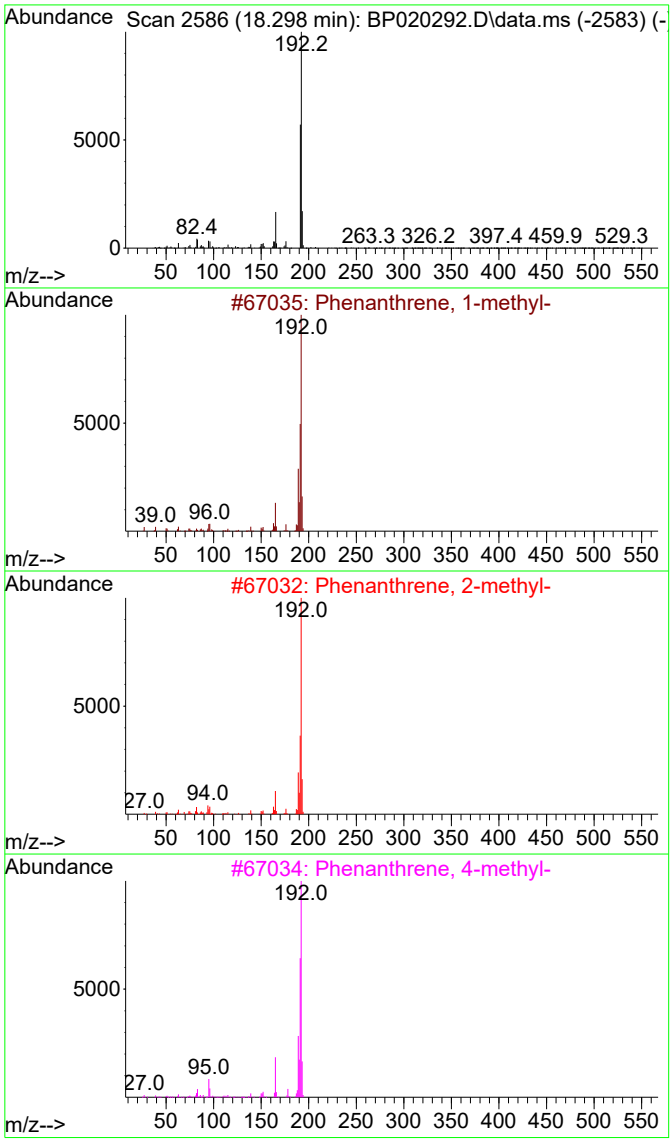
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

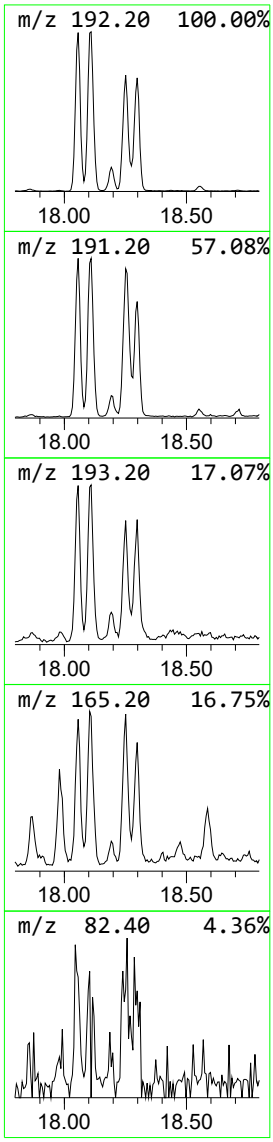
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	7.83 ng/ul	428917	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91





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Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

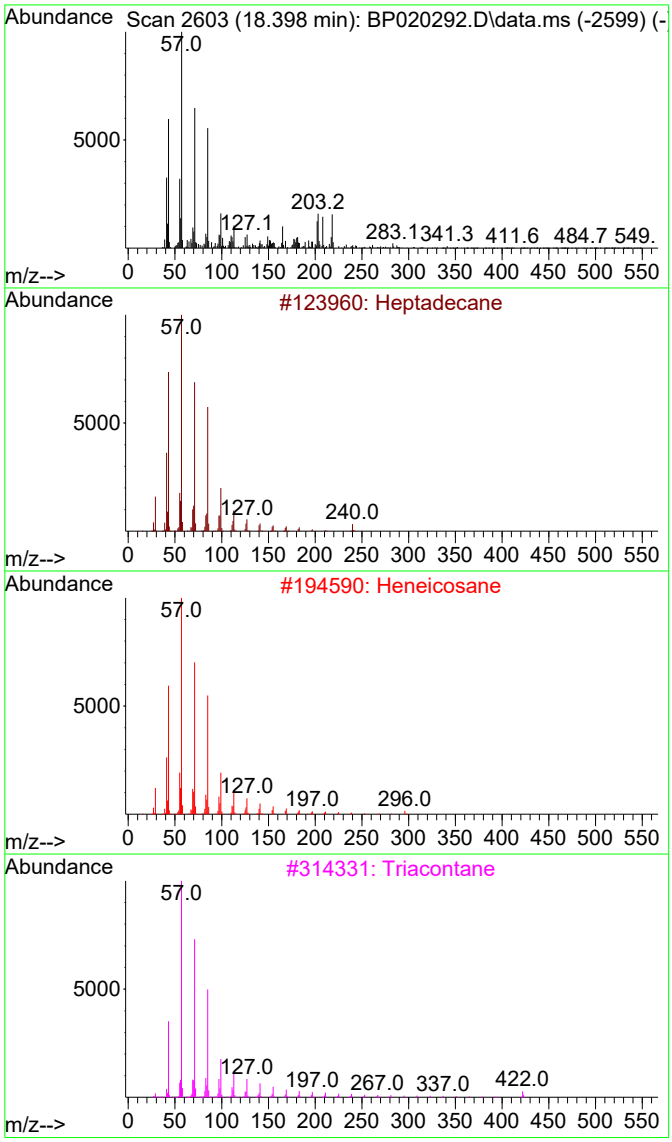
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

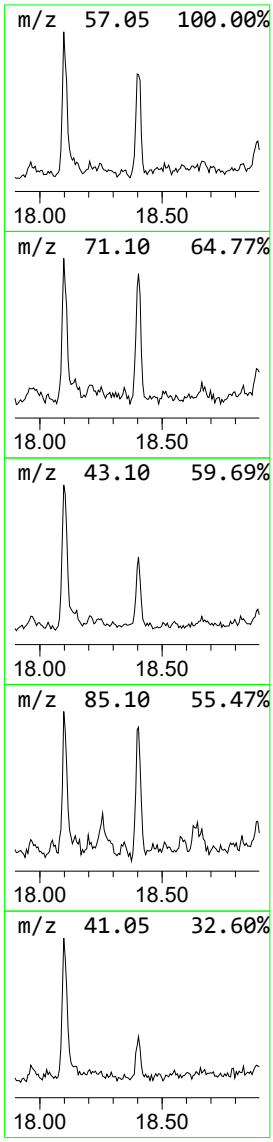
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	2.17 ng/ul	118718	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	70
3	Triacontane	422	C30H62	000638-68-6	70
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	60
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	60





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Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

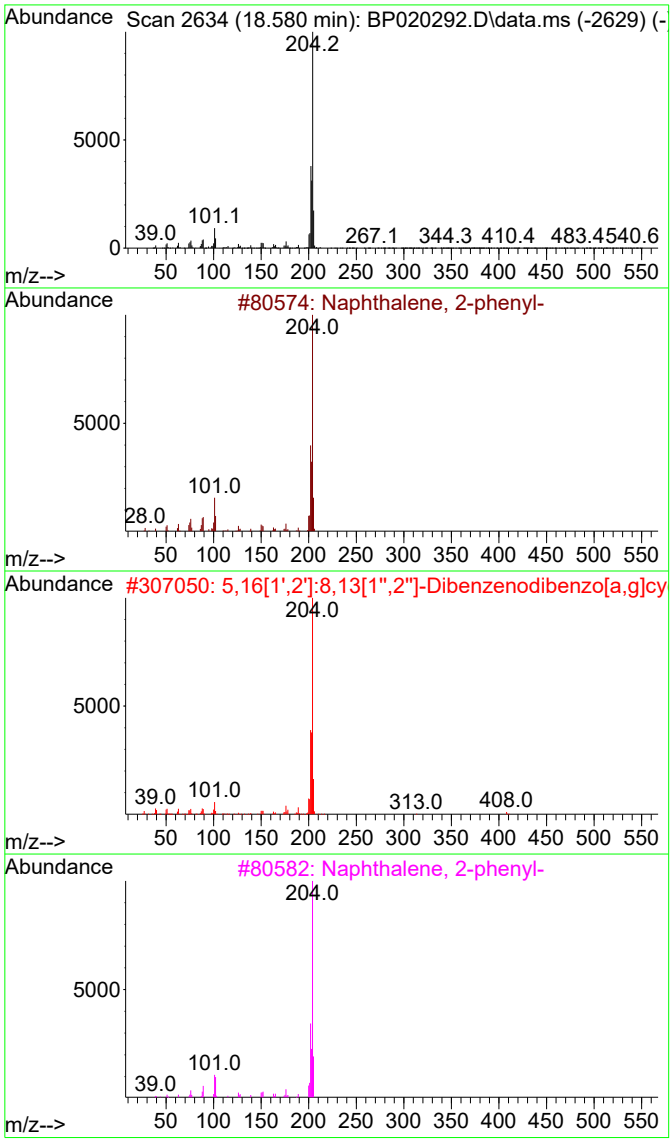
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

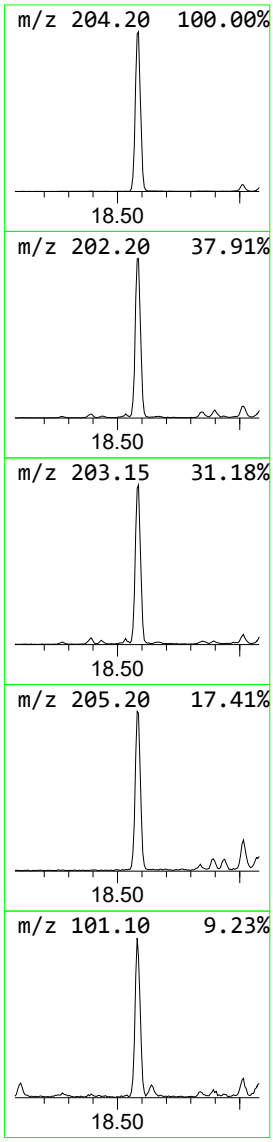
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.580	28.81 ng/ul	1579040	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83





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Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43R2

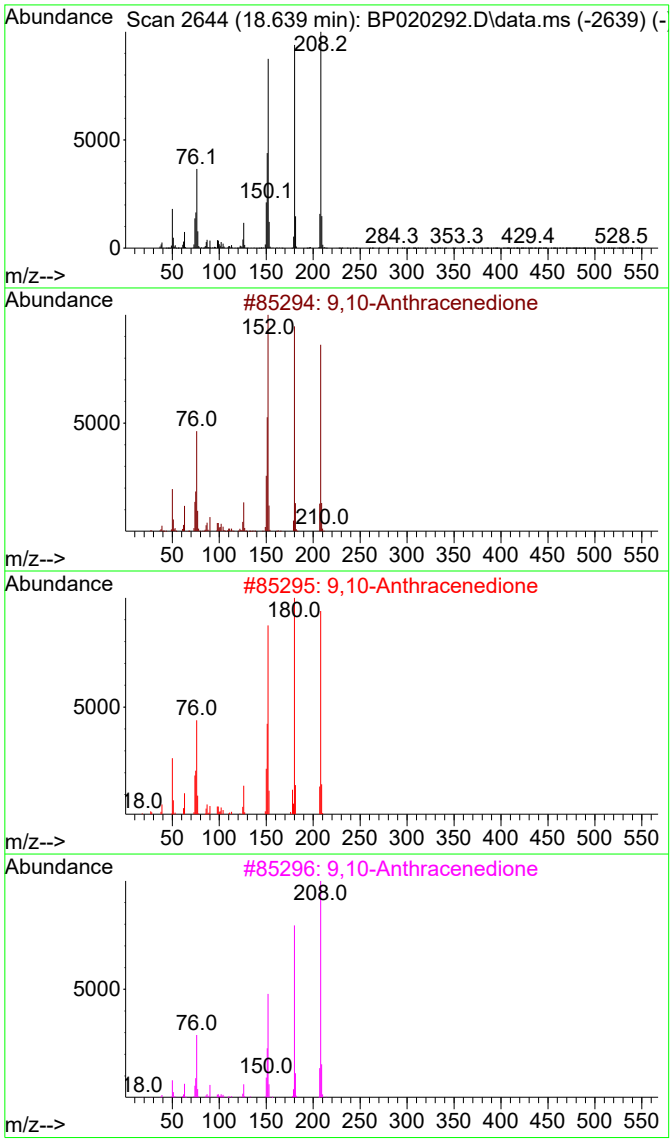
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

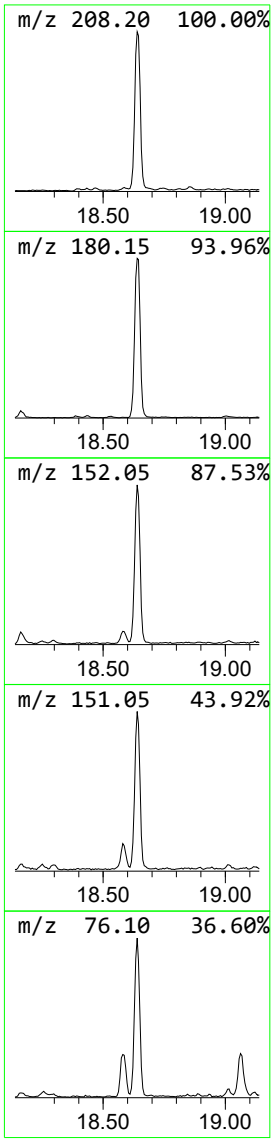
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	21.29 ng/ul	1167200	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93





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Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

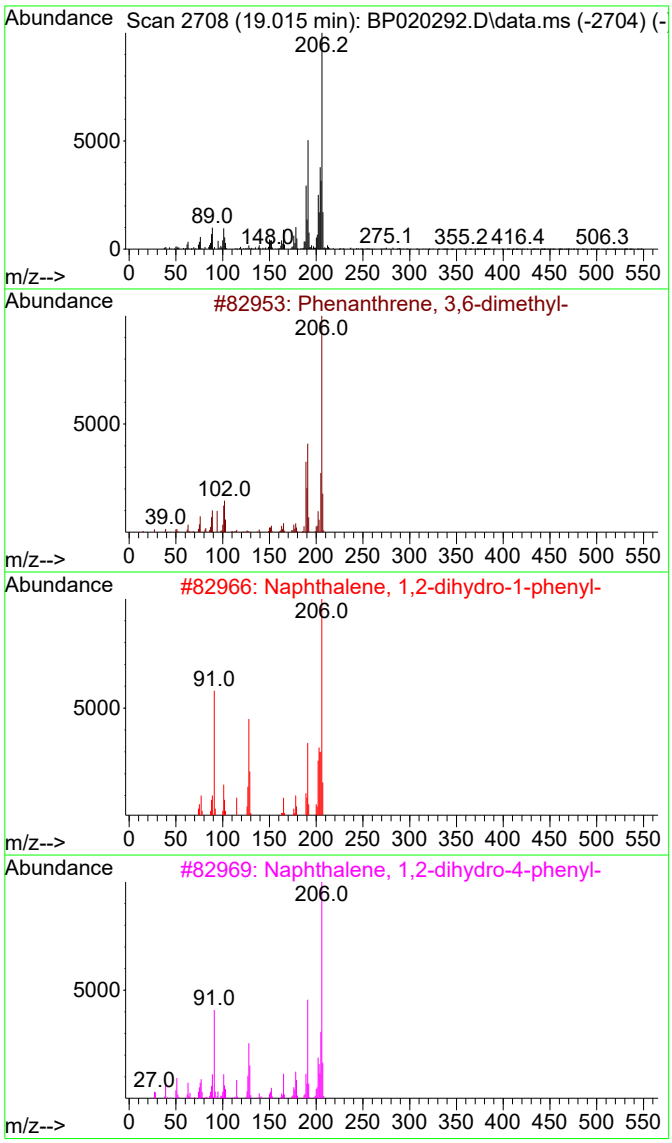
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

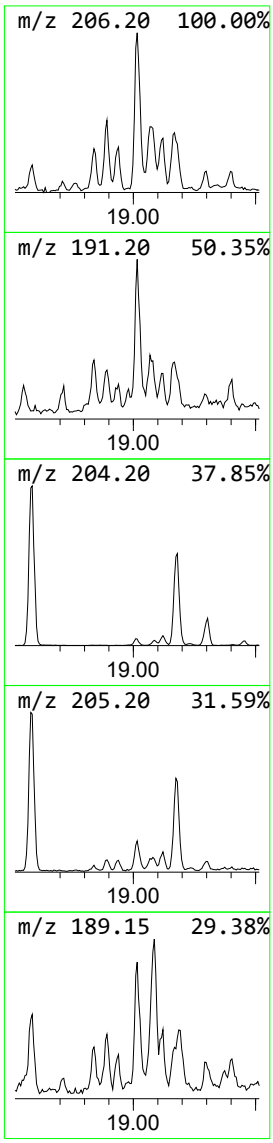
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 3,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.015	4.51 ng/ul	246999	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	89
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	89
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

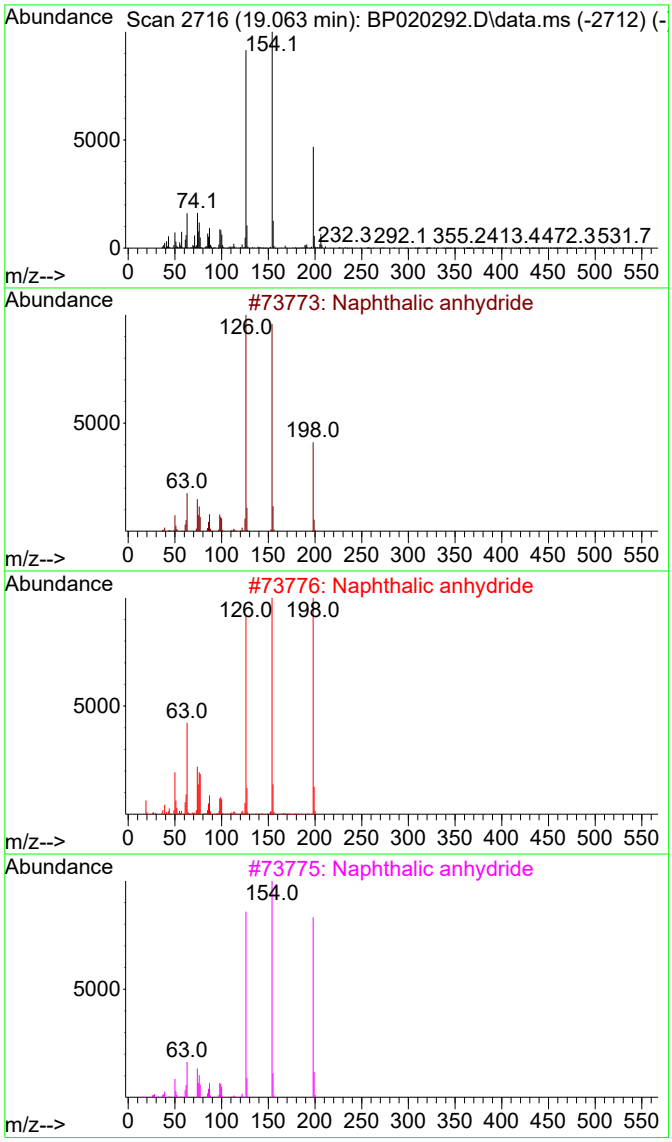
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

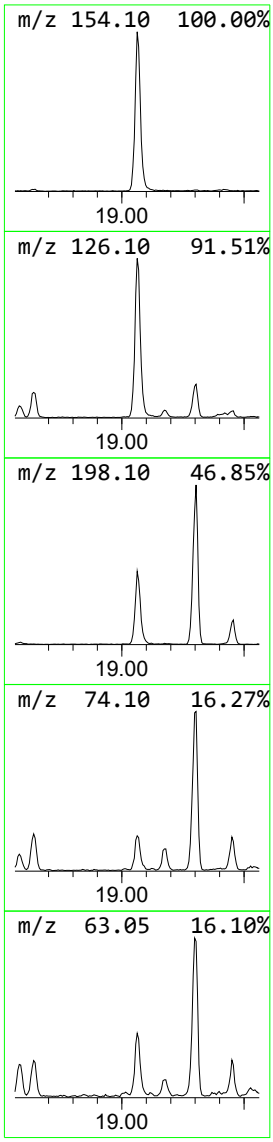
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalic anhydride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	14.80 ng/ul	811348	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	98
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	97
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	94
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	93





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Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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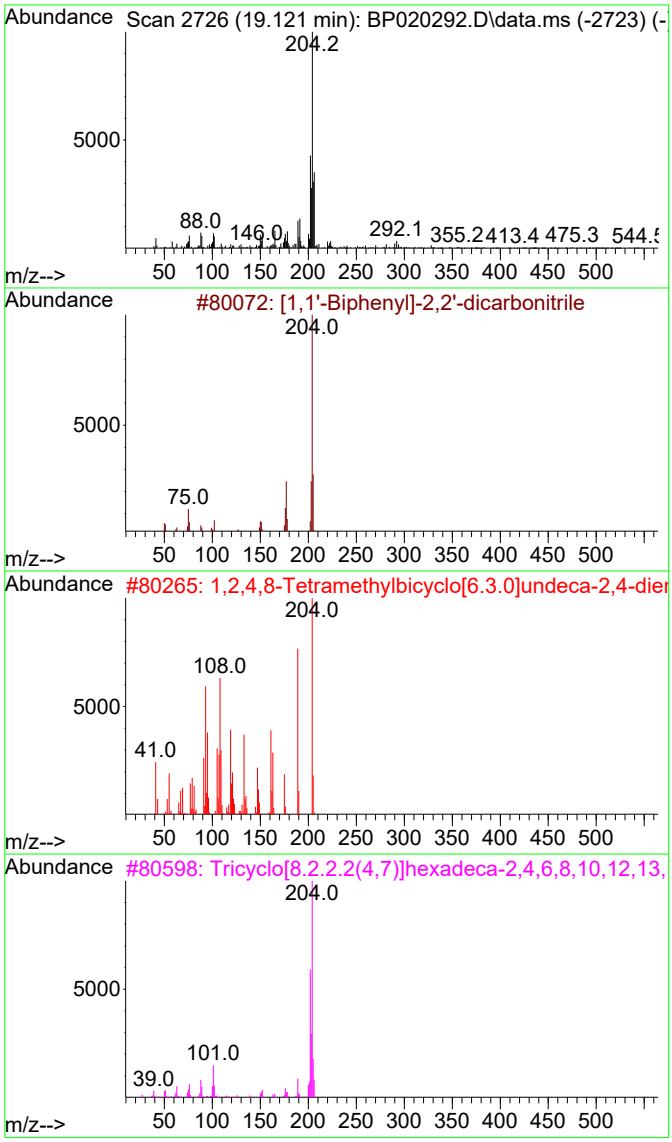
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

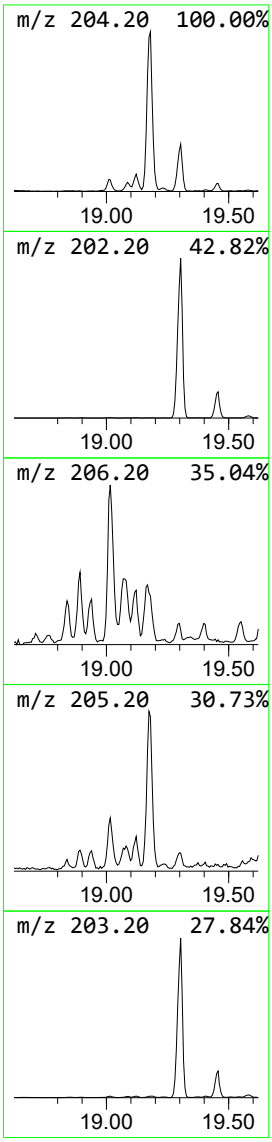
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 [1,1'-Biphenyl]-2,2'-dicarb... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.121	2.22 ng/ul	121921	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

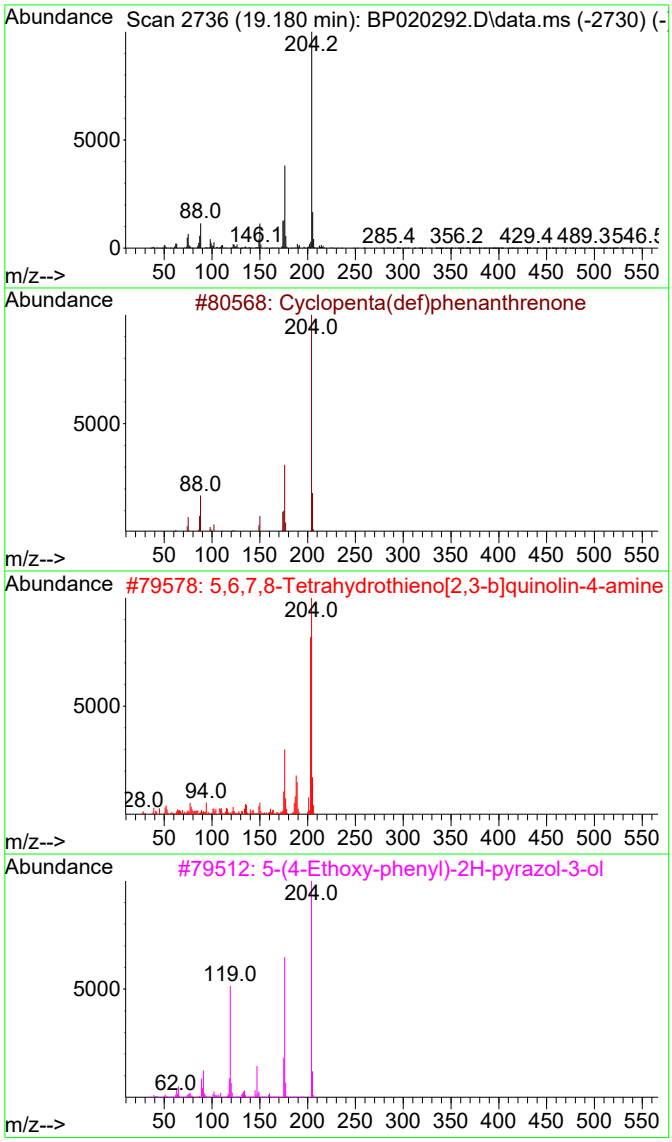
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

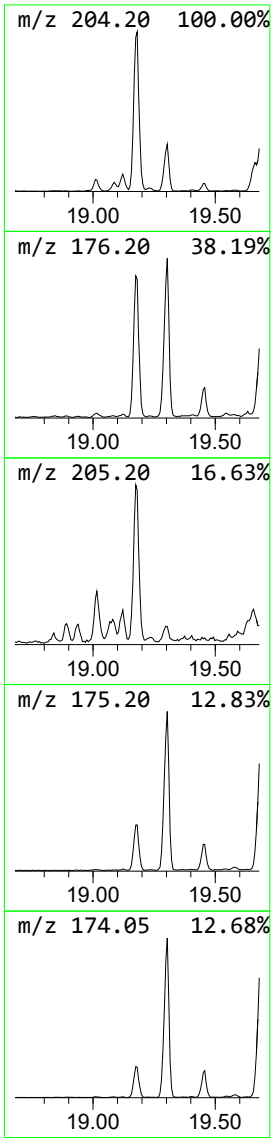
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	19.18 ng/ul	1051360	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	46





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Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

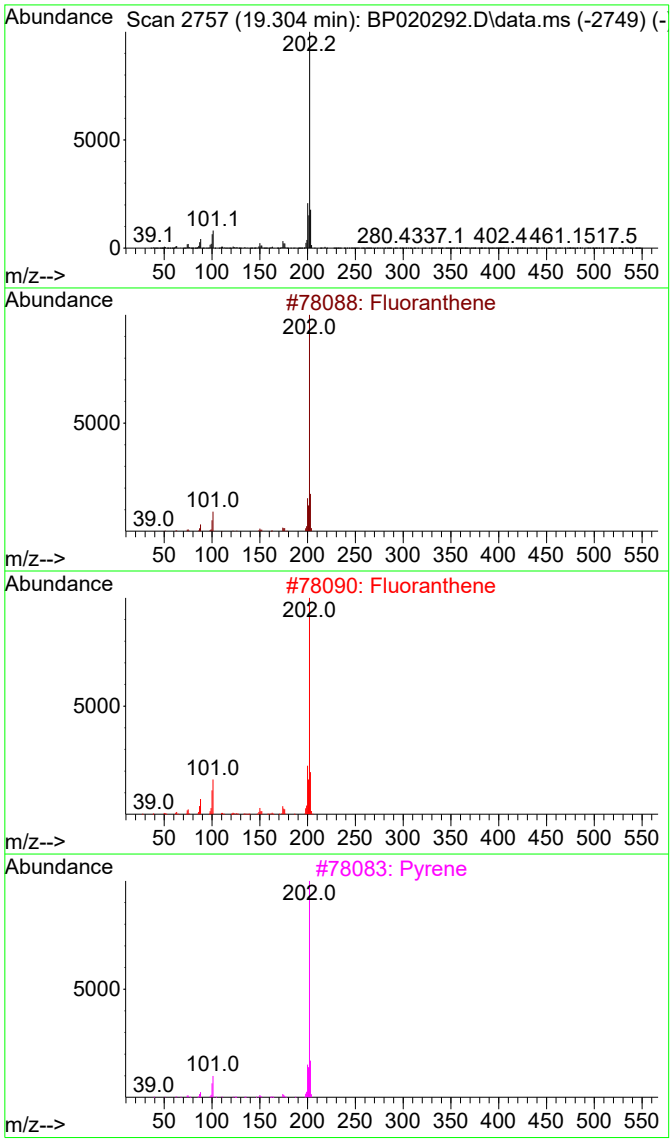
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

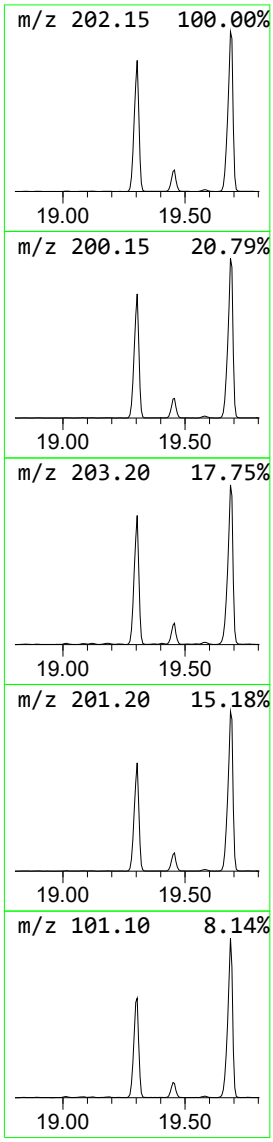
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	235.94 ng/ul	12932600	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Pyrene	202	C16H10	000129-00-0	90
4	Pyrene	202	C16H10	000129-00-0	90
5	Pyrene	202	C16H10	000129-00-0	87





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Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43R2

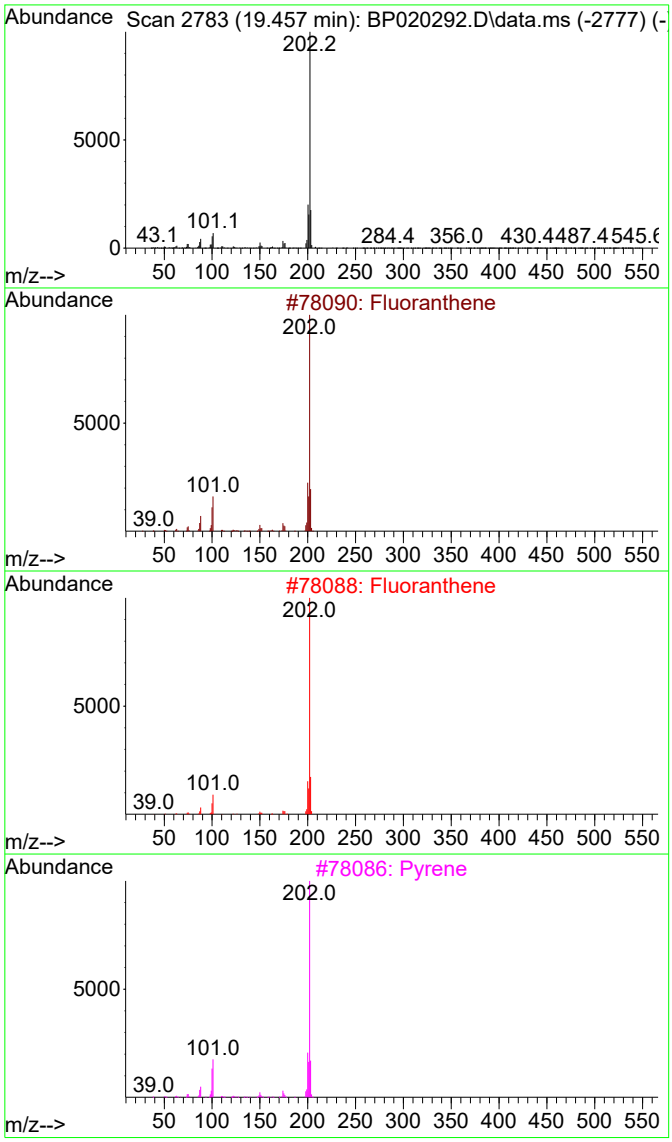
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

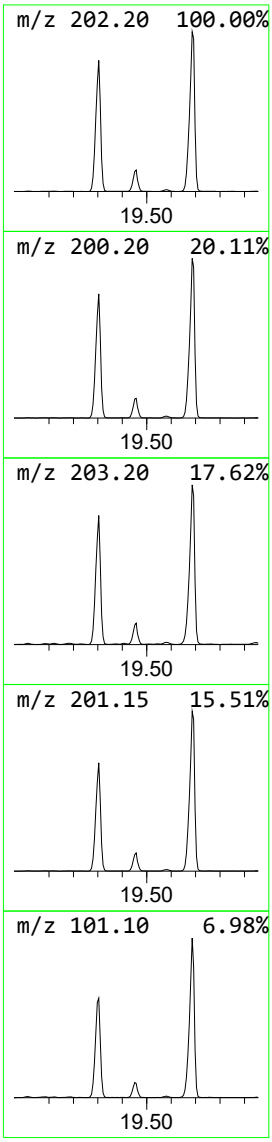
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Pyr ene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.457	5.60 ng/ul	2194880	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	94
2	Fluoranthene	202	C16H10	000206-44-0	90
3	Pyrene	202	C16H10	000129-00-0	89
4	Pyrene	202	C16H10	000129-00-0	83
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81





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Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

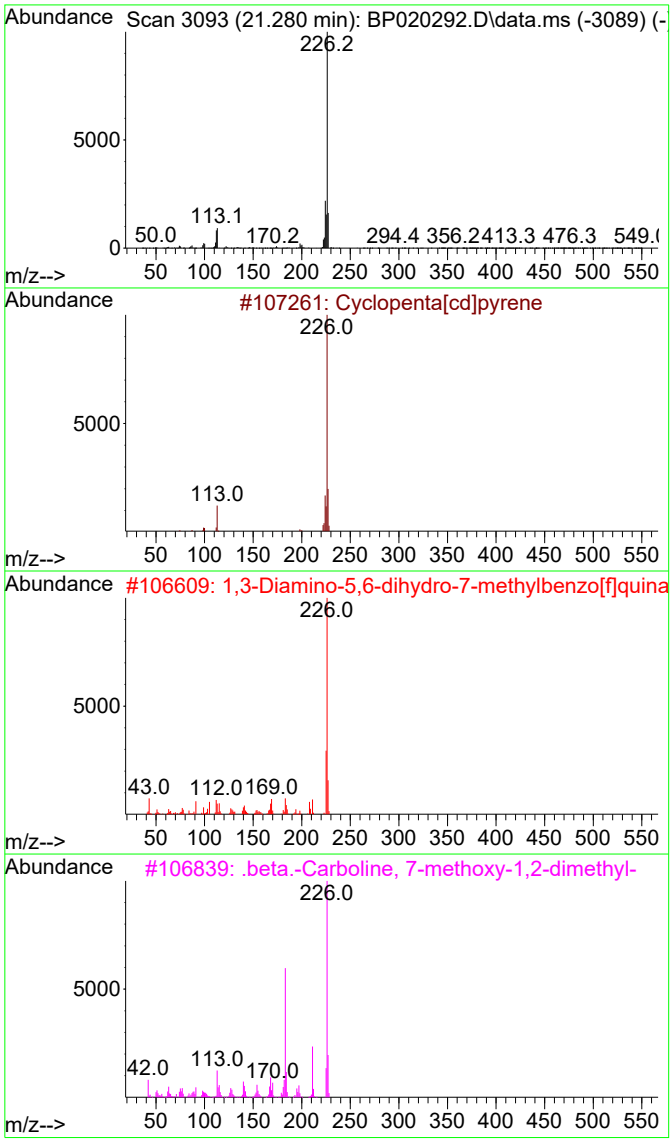
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

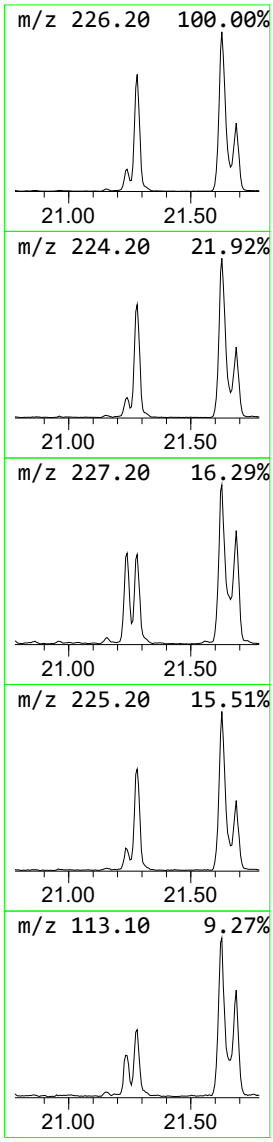
****

Peak Number 30 Cyclopenta[cd]pyrene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	3.14 ng/ul	1230330	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42
4	3-[5-(Furan-2-yl)-1H-1,2,4-triaz...	226	C12H10N4O	1000387-00-1	40
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

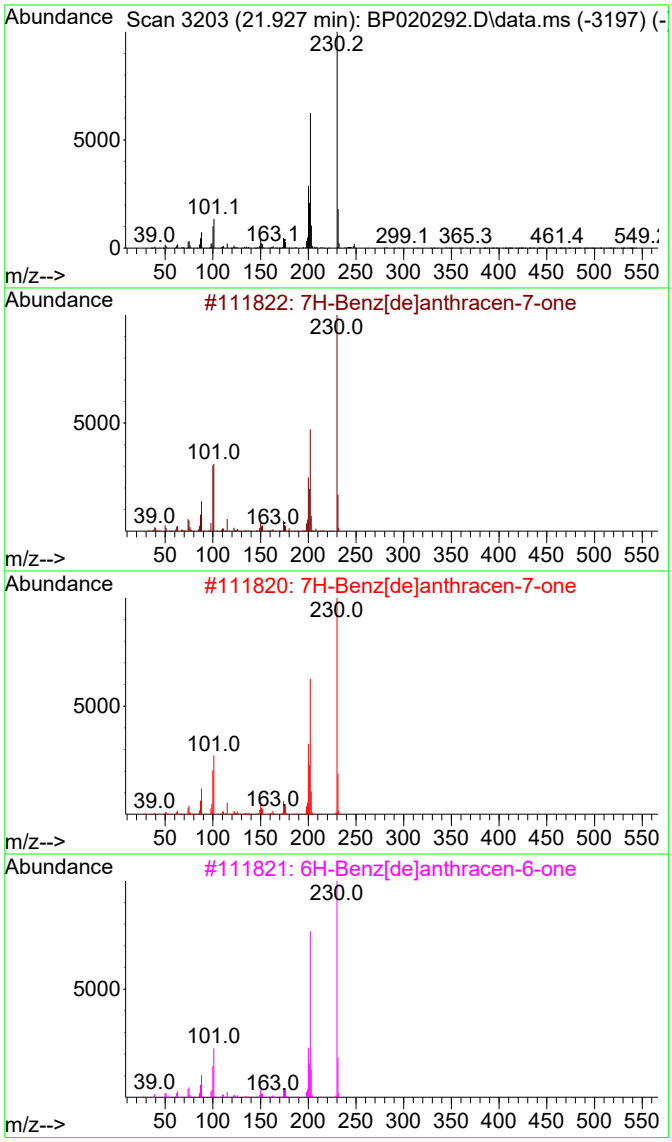
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

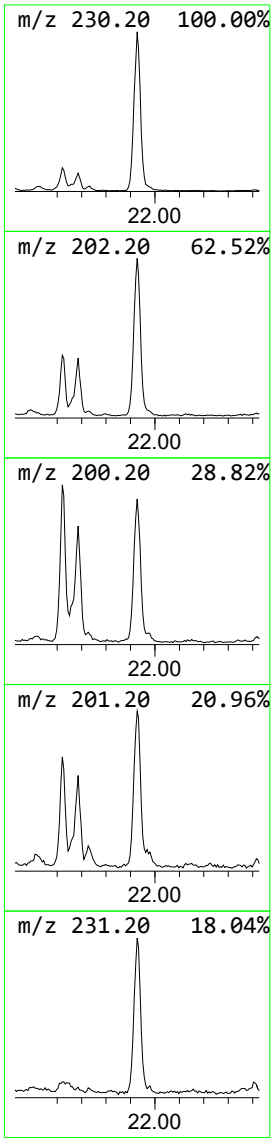
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 7H-Benz[de]anthracen-7-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.927	2.60 ng/ul	1017370	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	95
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94





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Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

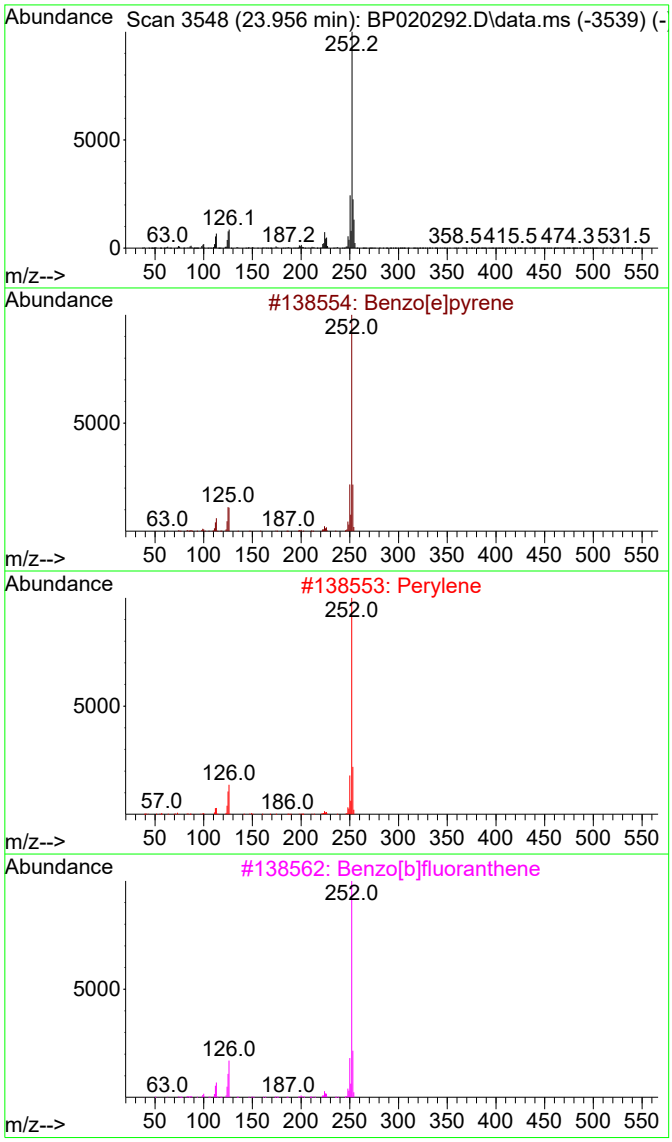
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

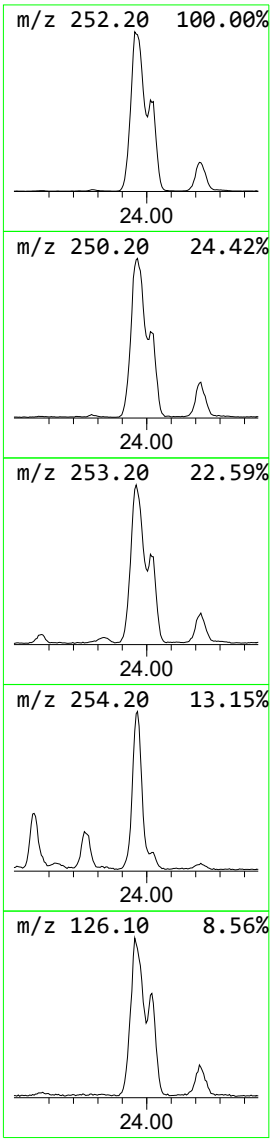
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.956	106.88 ng/ul	5894470	Perylene-d12	25.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	92
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

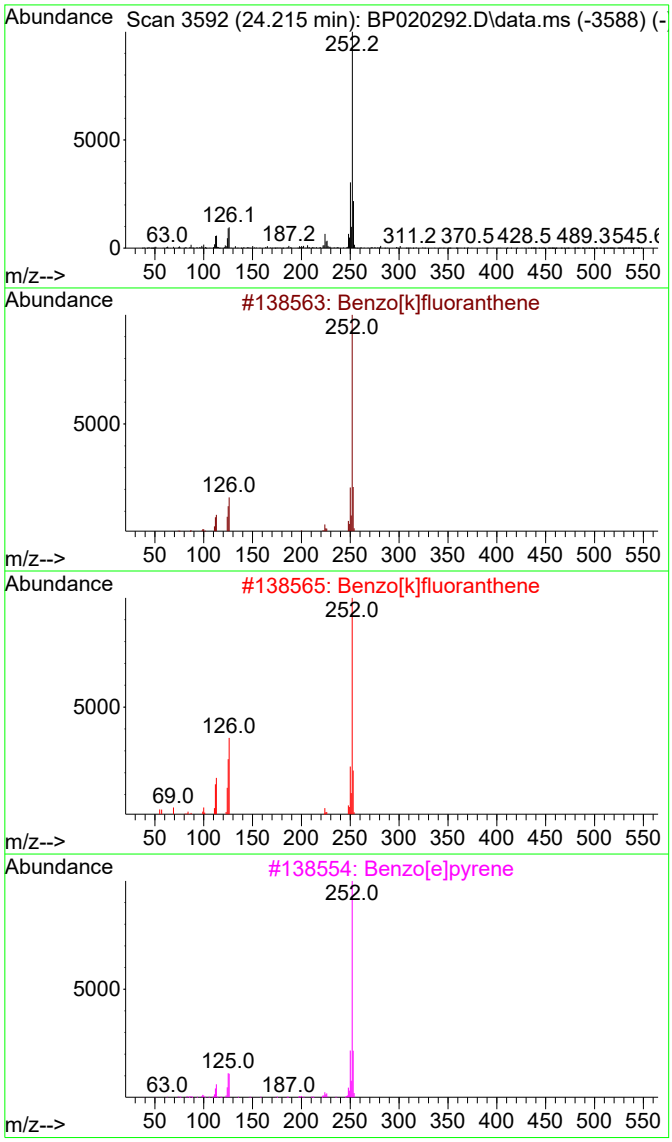
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

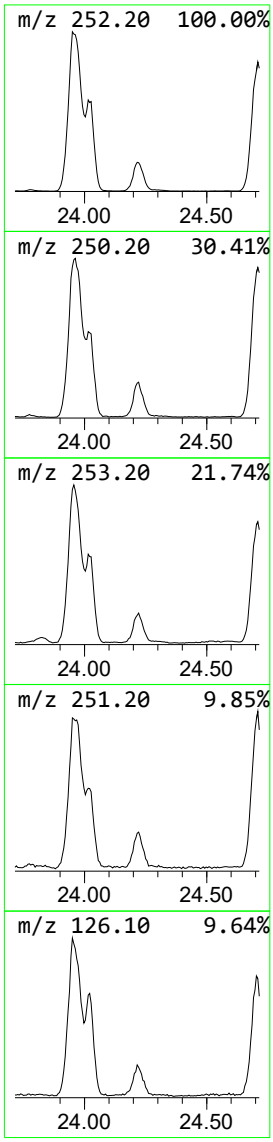
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzo[k]fluoranthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.215	12.75 ng/ul	703325	Perylene-d12	25.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

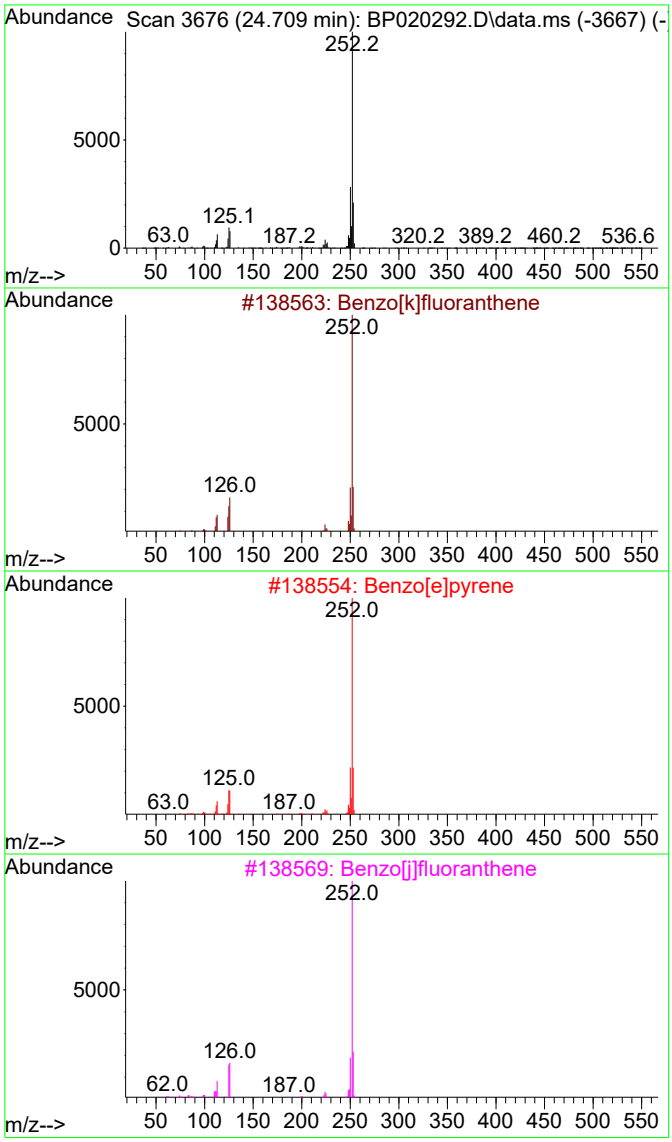
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

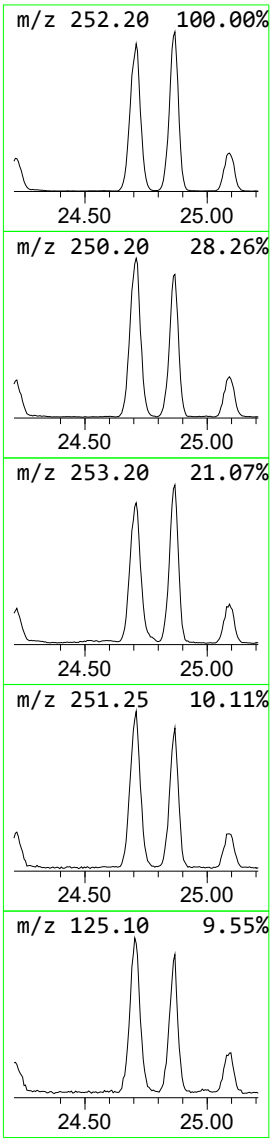
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzo[j]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.709	59.65 ng/ul	3289700	Perylene-d12	25.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

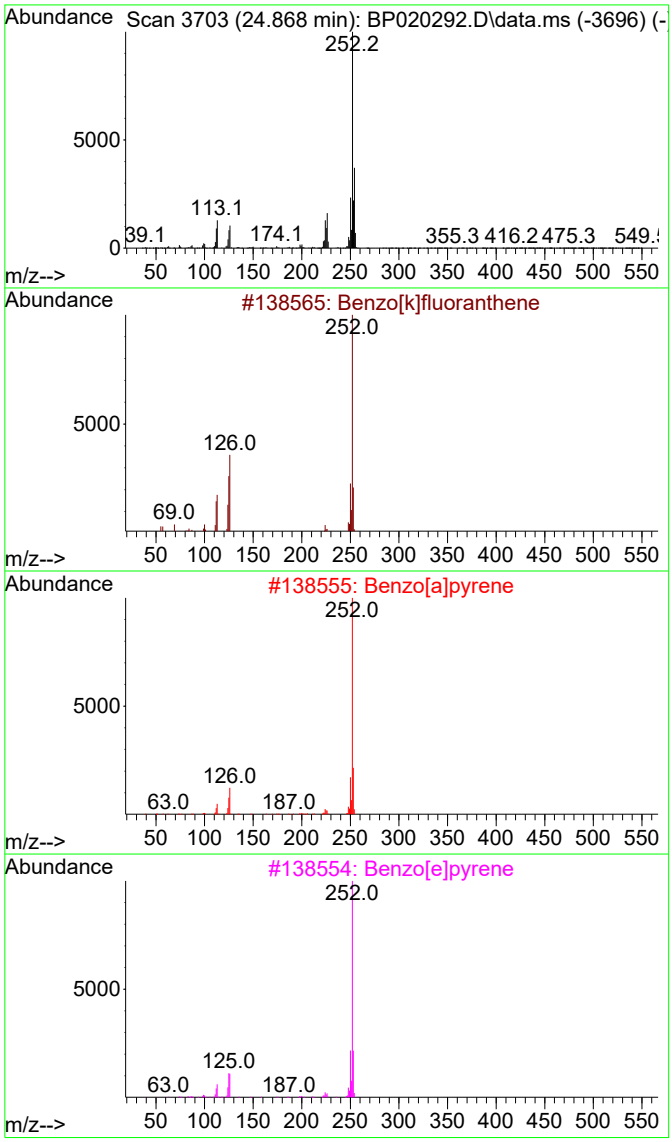
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

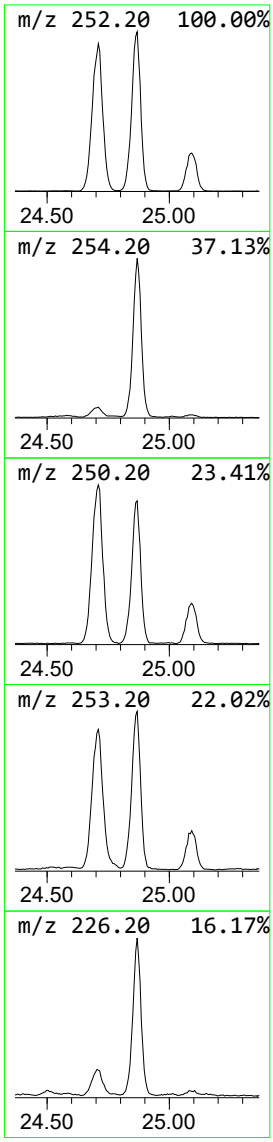
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzo[a]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.868	86.92 ng/ul	4793660	Perylene-d12	25.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
2	Benzo[a]pyrene	252	C20H12	000050-32-8	64
3	Benzo[e]pyrene	252	C20H12	000192-97-2	64
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
5	Perylene	252	C20H12	000198-55-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

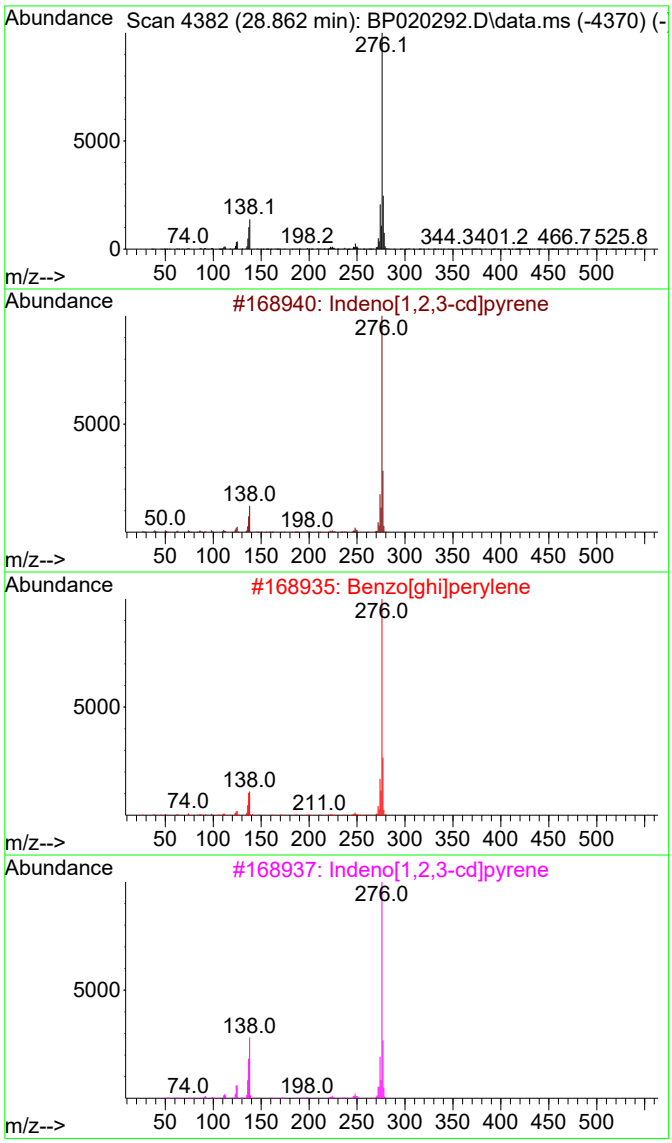
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

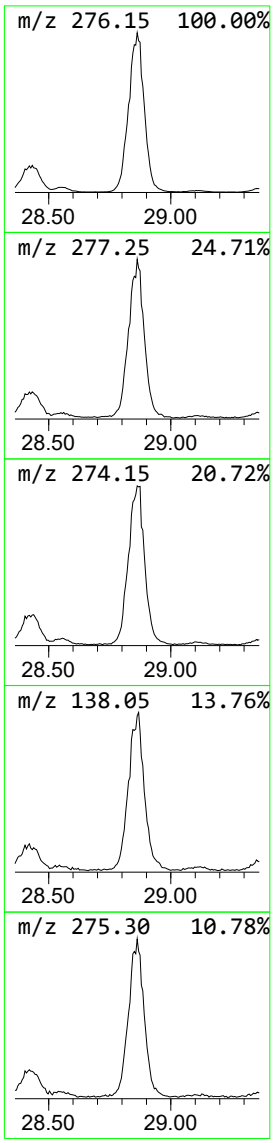
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Indeno[1,2,3-cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.862	82.48 ng/ul	4548780	Perylene-d12	25.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	98
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

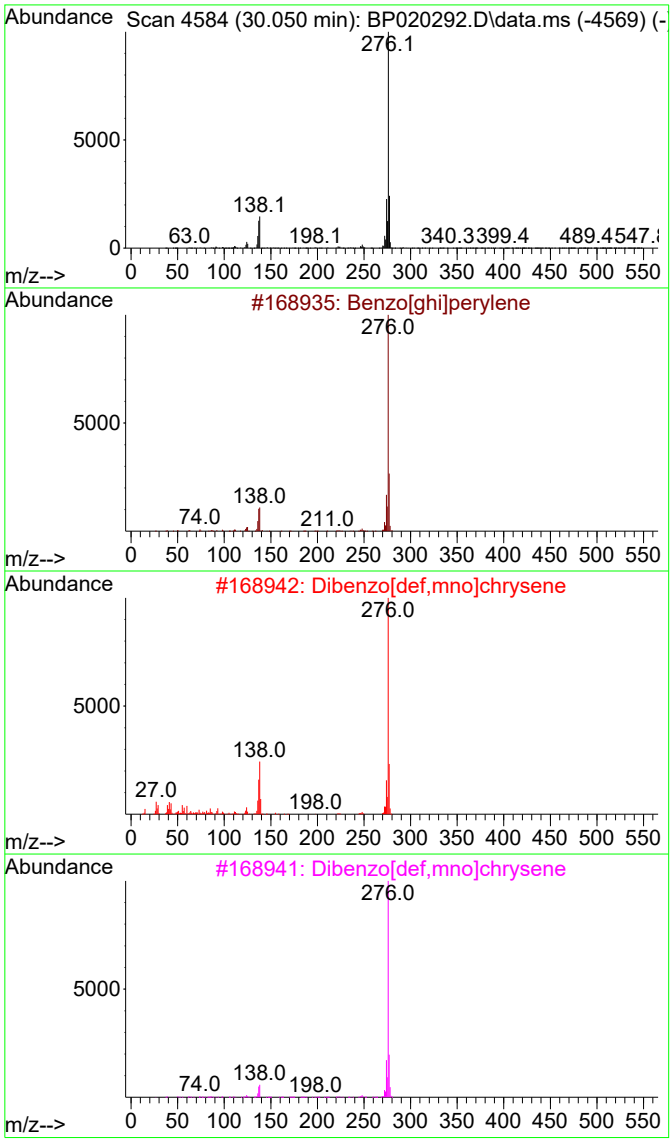
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

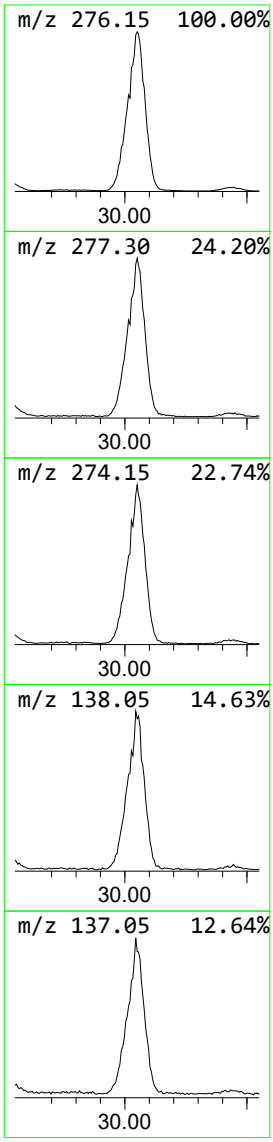
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzo[ghi]perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.050	86.87 ng/ul	4790890	Perylene-d12	25.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	99
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020292.D
Acq On : 10 May 2024 15:42
Operator : MA/JU
Sample : P2370-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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	3.710	3.1	ng/ul	75264	1	7.616	477189	20.0
Bicyclo[3.1.0]h...	6.910	26.7	ng/ul	637874	1	7.616	477189	20.0
Aceto phenone	8.451	3.8	ng/ul	89989	1	7.616	477189	20.0
(DEL) Alkane: S...	11.804	2.0	ng/ul	71931	2	10.387	709209	20.0
(DEL) Alkane: S...	13.086	2.3	ng/ul	130338	3	14.298	1122540	20.0
(DEL) Alkane: S...	14.186	2.5	ng/ul	138747	3	14.298	1122540	20.0
(DEL) Alkane: S...	15.175	3.8	ng/ul	212944	3	14.298	1122540	20.0
Fluo rene	15.374	7.6	ng/ul	425784	3	14.298	1122540	20.0
2-Bromo dodecane	16.080	8.5	ng/ul	464268	4	17.139	1096240	20.0
(DEL) Alkane: S...	16.898	2.4	ng/ul	133509	4	17.139	1096240	20.0
Naphtho[2,1-b]t...	16.951	8.6	ng/ul	472398	4	17.139	1096240	20.0
Phenan threne	17.192	199.6	ng/ul	10940700	4	17.139	1096240	20.0
Naphthalene, 1-...	17.686	13.4	ng/ul	731539	4	17.139	1096240	20.0
3-Phenyl-benzof...	17.757	4.0	ng/ul	216345	4	17.139	1096240	20.0
1,2-Acenaphthyl...	17.874	4.0	ng/ul	218873	4	17.139	1096240	20.0
Phenanthrene, 2...	18.057	11.0	ng/ul	601901	4	17.139	1096240	20.0
1H-Cyclopropa[l...	18.104	18.1	ng/ul	989817	4	17.139	1096240	20.0
4H-Cyclopenta[d...	18.257	24.4	ng/ul	1335020	4	17.139	1096240	20.0
Phenanthrene, 1...	18.298	7.8	ng/ul	428917	4	17.139	1096240	20.0
(DEL) Alkane: S...	18.398	2.2	ng/ul	118718	4	17.139	1096240	20.0
Naphthalene, 2-...	18.580	28.8	ng/ul	1579040	4	17.139	1096240	20.0
9,10-Anthracene...	18.639	21.3	ng/ul	1167200	4	17.139	1096240	20.0
Phenanthrene, 3...	19.015	4.5	ng/ul	246999	4	17.139	1096240	20.0
Naphthalic anhy...	19.063	14.8	ng/ul	811348	4	17.139	1096240	20.0
[1,1'-Biphenyl]...	19.121	2.2	ng/ul	121921	4	17.139	1096240	20.0
Cyclopenta(def)...	19.180	19.2	ng/ul	1051360	4	17.139	1096240	20.0
Fluoran thene	19.304	235.9	ng/ul	12932600	4	17.139	1096240	20.0
Pyr ene	19.457	5.6	ng/ul	2194880	5	21.639	7833050	20.0
Cyclopenta[cd]p...	21.280	3.1	ng/ul	1230330	5	21.639	7833050	20.0
7H-Benz[de]anth...	21.927	2.6	ng/ul	1017370	5	21.639	7833050	20.0
Benzo[e]pyrene	23.956	106.9	ng/ul	5894470	6	25.009	1102980	20.0
Benzo[k]fluoran...	24.215	12.8	ng/ul	703325	6	25.009	1102980	20.0
Benzo[j]fluoran...	24.709	59.6	ng/ul	3289700	6	25.009	1102980	20.0
Benzo[a]pyrene	24.868	86.9	ng/ul	4793660	6	25.009	1102980	20.0
Indeno[1,2,3-cd...	28.862	82.5	ng/ul	4548780	6	25.009	1102980	20.0
Benzo[ghi]perylene	30.050	86.9	ng/ul	4790890	6	25.009	1102980	20.0