LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020815.D
Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

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-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020815.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.275	45	49	56	rVB	33627	52932	0.62%	0.045%
2	3.546	91	95	103	rBV	64286	108178	1.26%	0.092%
3	3.693	118	120	131	rVV	46037	71801	0.84%	0.061%
4	3.781	131	135	141	rVB	54305	80403	0.94%	0.068%
5	4.893	318	324	332	rVV	75055	127381	1.49%	0.108%
6	5.852	478	487	495	rVB4	21345	52146	0.61%	0.044%
7	6.916	658	668	681	rBV	784881	1439643	16.79%	1.220%
8	7.075	688	695	706	rBV	650225	1014827	11.83%	0.860%
9	7.269	721	728	737	rBV	851239	1396084	16.28%	1.183%
10	7.728	794	806	814	rBV	814157	1330769	15.52%	1.128%
11	8.440	919	927	940	rBV	1040911	1734503	20.22%	1.470%
12	8.875	995	1001	1017	rVV	831342	1331833	15.53%	1.128%
13	9.428	1083	1095	1107	rVB	68055	134374	1.57%	0.114%
14	9.587	1113	1122	1132	rBV	703439	1155966	13.48%	0.979%
15	10.128	1206	1214	1234	rBV	995176	1828991	21.33%	1.550%
16	10.487	1264	1275	1281	rBV	1069167	1867667	21.78%	1.582%
17	10.540	1281	1284	1291	rVB	52205	81264	0.95%	0.069%
18	10.646	1294	1302	1313	rBV	194907	443250	5.17%	0.376%
19	11.028	1362	1367	1379	rBV2	26496	53467	0.62%	0.045%
20	11.234	1395	1402	1409	rBV2	101185	215622	2.51%	0.183%
21	12.151	1554	1558	1565	rBV	32576	61130	0.71%	0.052%
22	12.375	1590	1596	1604	rVB	28039	50173	0.58%	0.043%
23	13.157	1724	1729	1735	rBV4	28107	56566	0.66%	0.048%
24	13.240	1738	1743	1747	rVV	46524	68211	0.80%	0.058%
25	13.669	1809	1816	1821	rBV	49419	94089	1.10%	0.080%
26	13.763	1821	1832	1837	rBV	1851765	2540683	29.62%	2.153%
27	14.045	1869	1880	1893	rBV	2035812	3452082	40.25%	2.925%
28	14.175	1897	1902	1908	rVB3	61522	106140	1.24%	0.090%
29	14.351	1921	1932	1939	rBV	1488977	2587654	30.17%	2.192%
30	14.416	1939	1943	1948	rVV2	215269	336746	3.93%	0.285%
31	14.469	1948	1952	1961	rVB3	54218	103134	1.20%	0.087%
32	14.592	1961	1973	1983	rBV2	864063	1918223	22.37%	1.625%
33	14.669	1983	1986	1992	rVV4	41508	77986	0.91%	0.066%
34	14.763	1993	2002	2007	rVV3	119946	323668	3.77%	0.274%
35	14.816	2007	2011	2018	rVB3	139175	246640	2.88%	0.209%
36	15.151	2061	2068	2073	rBV6	34302	75508	0.88%	0.064%

LSC Area Percent Report

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Data File : BP020815.D
Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

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-BP062524.MA.M
Title : SVOA CALIBRATION

37	15.363	2097	2104	2110	rBV	2434801	3851785	44.91%	3.264%
38	15.422	2110	2114	2123	rVB	165669	245838	2.87%	0.208%
39	15.510	2123	2129	2133	rBV	819369	1127280	13.14%	0.955%
40	15.628	2144	2149	2159	rVB2	116478	177423	2.07%	0.150%
41	15.722	2160	2165	2169	rVB	69429	107979	1.26%	0.091%
42	15.869	2186	2190	2197	rVB	55554	105367	1.23%	0.089%
43	15.945	2198	2203	2209	rBV3	96880	149235	1.74%	0.126%
44	16.110	2224	2231	2232	rBV3	78272	126721	1.48%	0.107%
45	16.369	2271	2275	2279	rVB	101037	122719	1.43%	0.104%
46	16.498	2293	2297	2302	rVB3	32450	48084	0.56%	0.041%
47	16.563	2302	2308	2313	rBV6	80601	165297	1.93%	0.140%
48	16.681	2321	2328	2332	rBV4	70330	152929	1.78%	0.130%
49	16.810	2345	2350	2356	rVB	143291	229124	2.67%	0.194%
50	16.916	2360	2368	2374	rVV8	74899	207838	2.42%	0.176%
51	16.980	2374	2379	2385	rVB	160422	244042	2.85%	0.207%
52	17.075	2386	2395	2400	rBV7	102891	251326	2.93%	0.213%
53	17.163	2404	2410	2414	rVV	1828586	2930266	34.17%	2.483%
54	17.210	2414	2418	2424	rVV	2530426	4060316	47.34%	3.440%
55	17.275	2424	2429	2433	rVV2	2669526	4182441	48.77%	3.544%
56	17.310	2433	2435	2439	rVV	551150	628539	7.33%	0.533%
57	17.363	2439	2444	2449	rVB3	114447	213001	2.48%	0.180%
58	17.445	2455	2458	2464	rBV4	38750	64214	0.75%	0.054%
59	17.586	2475	2482	2486	rBV2	314129	524477	6.12%	0.444%
60	17.786	2508	2516	2520	rVB3	155010	369244	4.31%	0.313%
61	17.904	2533	2536	2543	rVB3	84126	144222	1.68%	0.122%
62	18.069	2557	2564	2566	rBV	390541	627584	7.32%	0.532%
63	18.104	2566	2570	2578	rVV2	1298437	2299151	26.81%	1.948%
64	18.169	2578	2581	2585	rVV	209283	268713	3.13%	0.228%
65	18.210	2585	2588	2593	rVB	183566	233392	2.72%	0.198%
66	18.275	2593	2599	2604	rBV3	714601	1375764	16.04%	1.166%
67	18.316	2604	2606	2613	rVB2	293081	513655	5.99%	0.435%
68	18.380	2613	2617	2620	rBV3	186843	296200	3.45%	0.251%
69	18.592	2645	2653	2658	rBV	333963	654196	7.63%	0.554%
70	18.645	2658	2662	2666	rVB	441343	640759	7.47%	0.543%
71	18.851	2694	2697	2702	rVB2	149865	186805	2.18%	0.158%
72	19.027	2723	2727	2731	rBV	191909	342894	4.00%	0.291%
73	19.074	2732	2735	2741	rVV4	216719	432549	5.04%	0.366%
74	19.127	2741	2744	2748	rVV2	247876	366350	4.27%	0.310%
75	19.180	2749	2753	2760	rVB2	381780	702680	8.19%	0.595%
76	19.304	2768	2774	2781	rBV	6223970	8576631	100.00%	7.267%

LSC Area Percent Report

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Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Title : SVOA CALIBRATION

77	19.445	2795	2798	2806	rVB3	538433	879711	10.26%	0.745%
78	19.657	2828	2834	2836	rBV	3772899	5714923	66.63%	4.842%
79	19.686	2836	2839	2848	rVV	3871393	5237430	61.07%	4.438%
80	19.763	2848	2852	2857	rVB2	229837	363269	4.24%	0.308%
81	19.874	2868	2871	2876	rVB	299848	392688	4.58%	0.333%
82	19.927	2877	2880	2887	rVB2	229235	385723	4.50%	0.327%
83	20.027	2892	2897	2905	rVV2	284673	779384	9.09%	0.660%
84	20.204	2924	2927	2931	rVB	729495	790731	9.22%	0.670%
85	20.304	2941	2944	2949	rBV	485693	633407	7.39%	0.537%
86	20.369	2952	2955	2959	rVB2	423692	578232	6.74%	0.490%
87	20.998	3058	3062	3071	rVB	506659	847356	9.88%	0.718%
88	21.227	3098	3101	3105	rBV	442316	554245	6.46%	0.470%
89	21.286	3106	3111	3117	rVV3	1999309	3262515	38.04%	2.764%
90	21.345	3118	3121	3130	rVB	458799	853353	9.95%	0.723%
91	21.527	3148	3152	3157	rBV	1149880	1705217	19.88%	1.445%
92	21.610	3160	3166	3173	rVV3	3069142	8083867	94.25%	6.849%
93	21.668	3173	3176	3186	rVB	2705318	4507071	52.55%	3.819%
94	22.504	3315	3318	3320	rBV	560951	702985	8.20%	0.596%
95	22.539	3320	3324	3331	rVB3	1195905	2093710	24.41%	1.774%
96	23.915	3552	3558	3566	rBV2	1900663	5792413	67.54%	4.908%
97	24.092	3581	3588	3595	rVB2	1085150	2396822	27.95%	2.031%
98	24.180	3598	3603	3612	rVB3	927470	2291459	26.72%	1.942%
99	24.739	3693	3698	3707	rBV2	759832	1910970	22.28%	1.619%
100	24.980	3733	3739	3747	rVB2	1056908	2699968	31.48%	2.288%

Sum of corrected areas: 118024213

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
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Acq On : 06 Jul 2024 11:13
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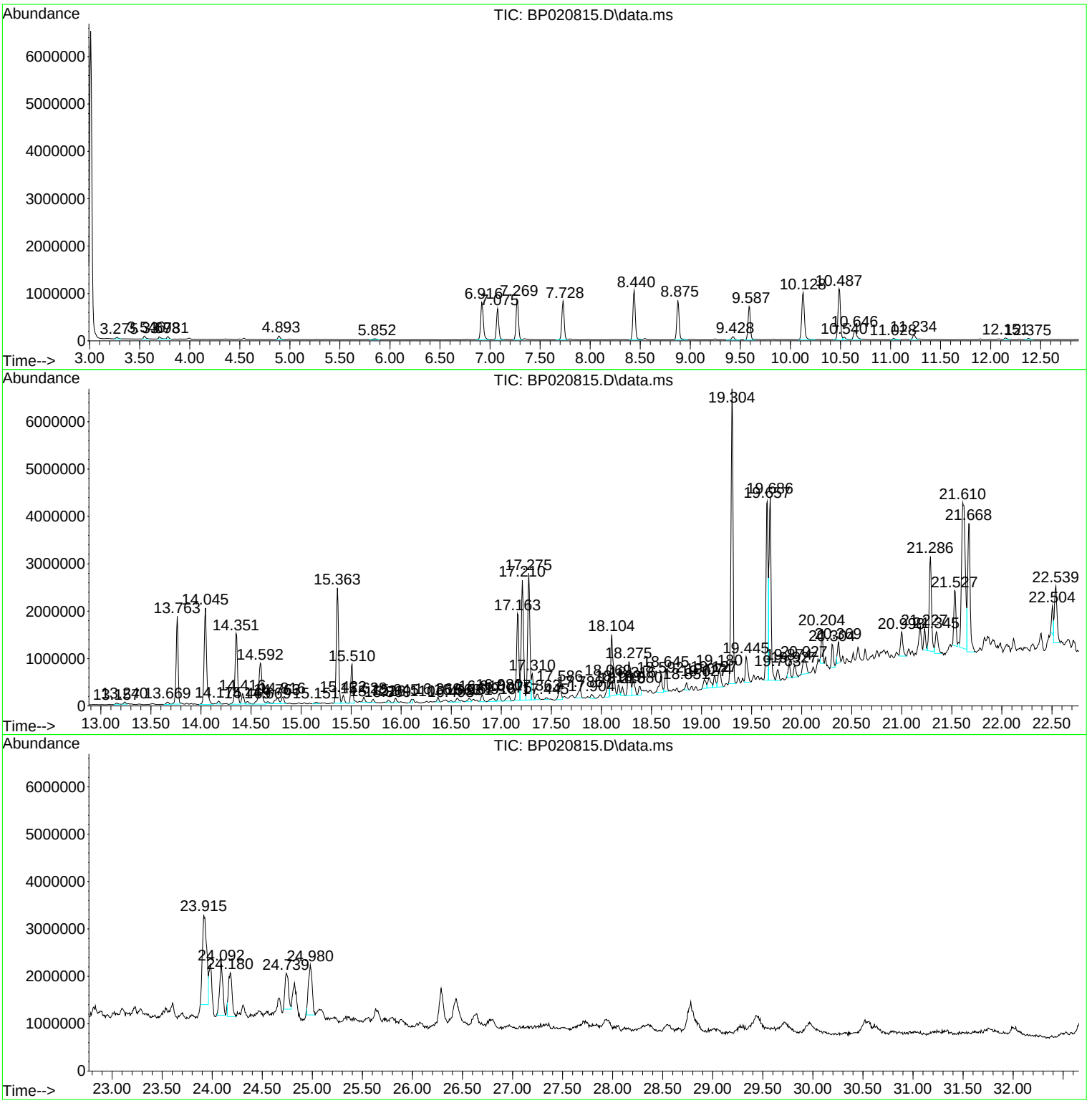
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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\BP070524\
Data File : BP020815.D
Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
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Instrument :
BNA_P
ClientSampleId :
A4CW5

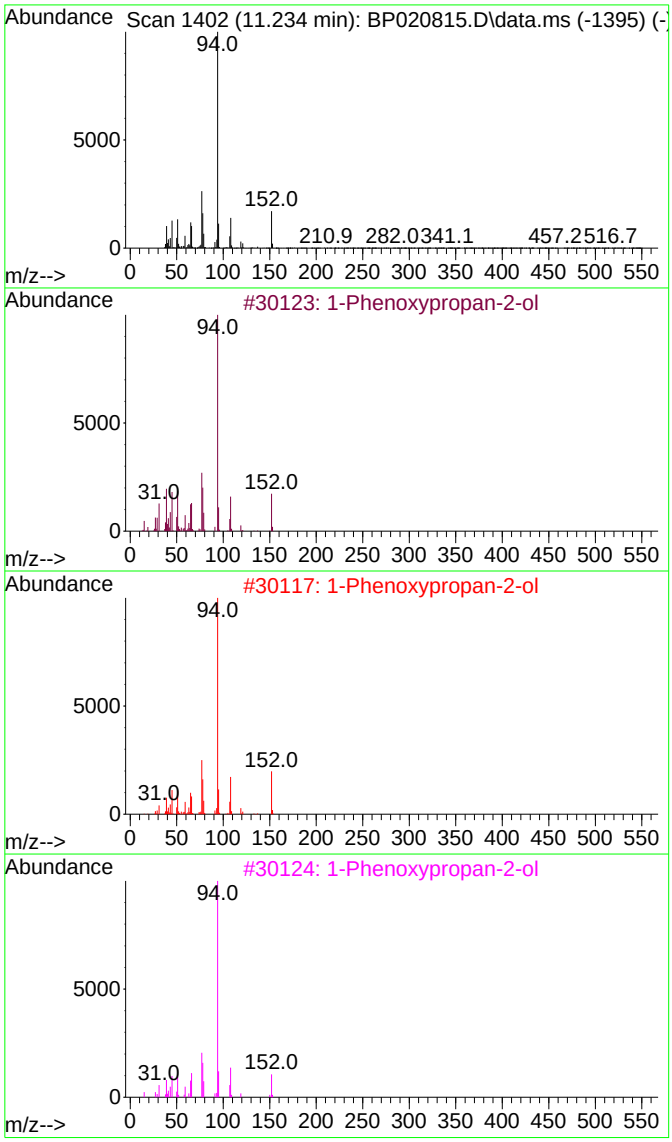
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

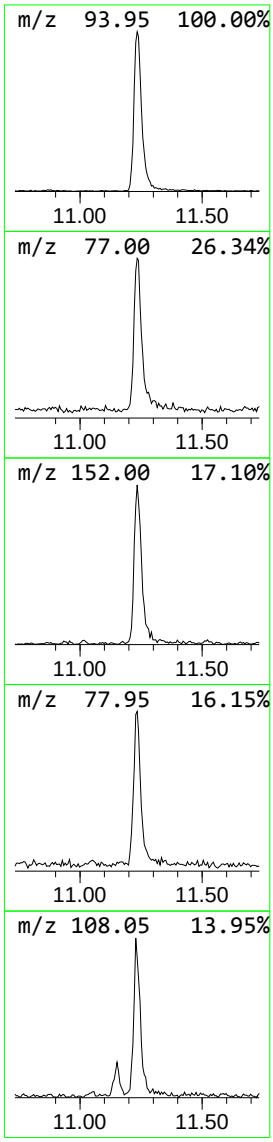
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.234	2.31 ng/ul	215622	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020815.D
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Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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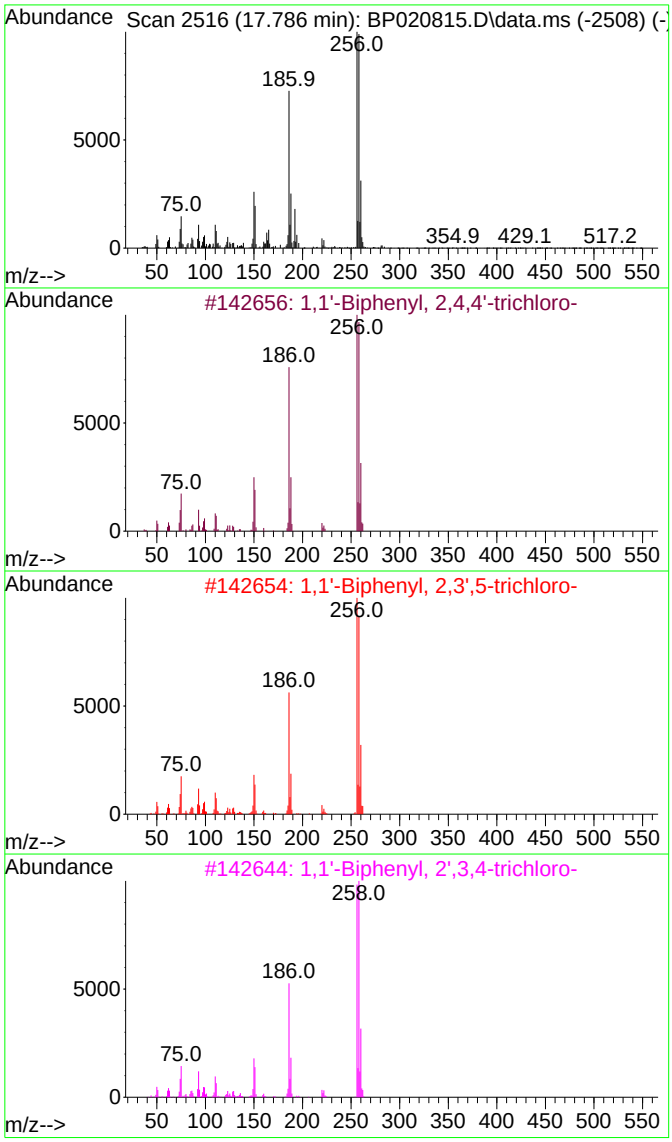
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

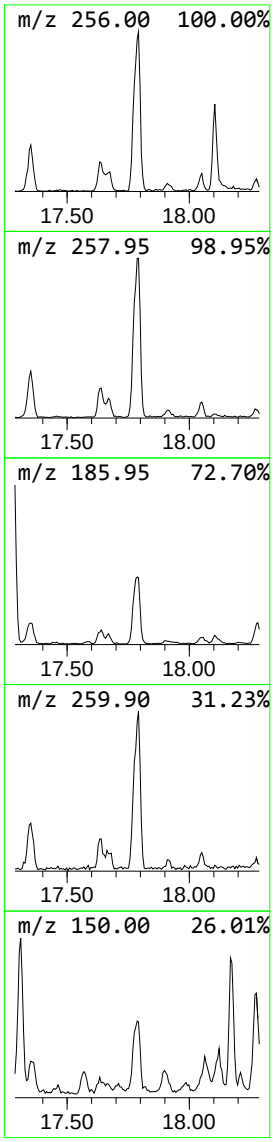
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	2.52 ng/ul	369244	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
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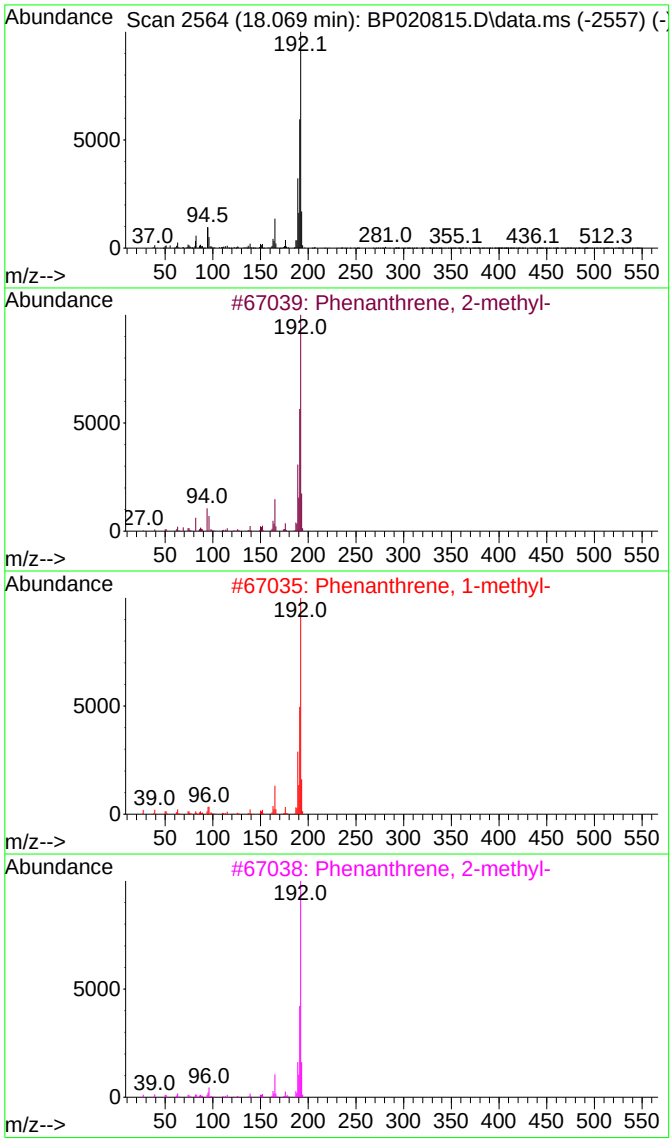
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

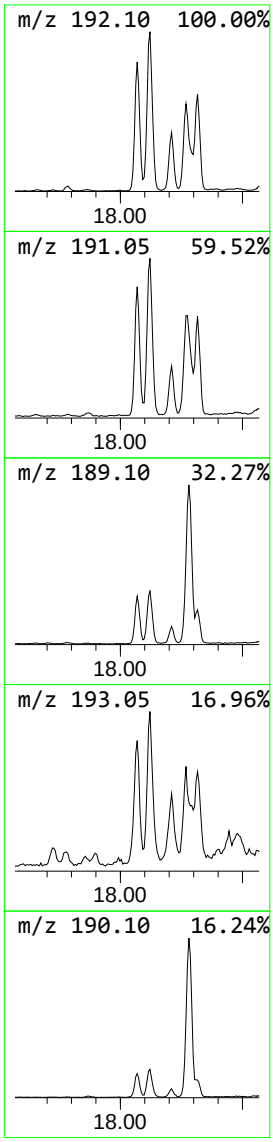
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	4.28 ng/ul	627584	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





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Data File : BP020815.D
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Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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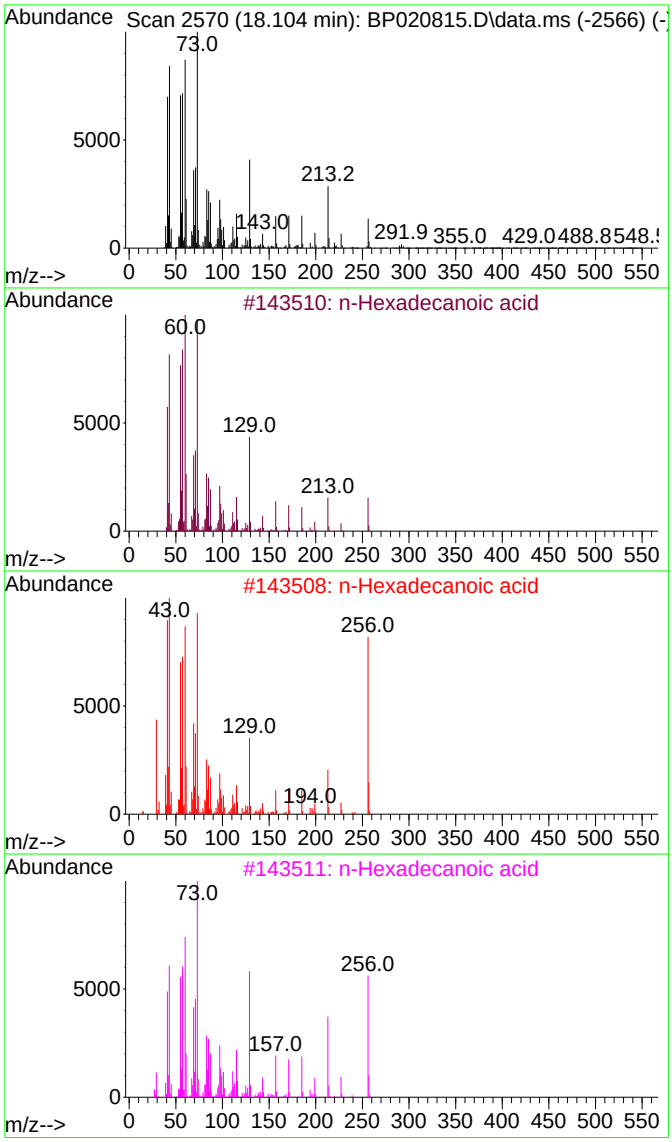
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

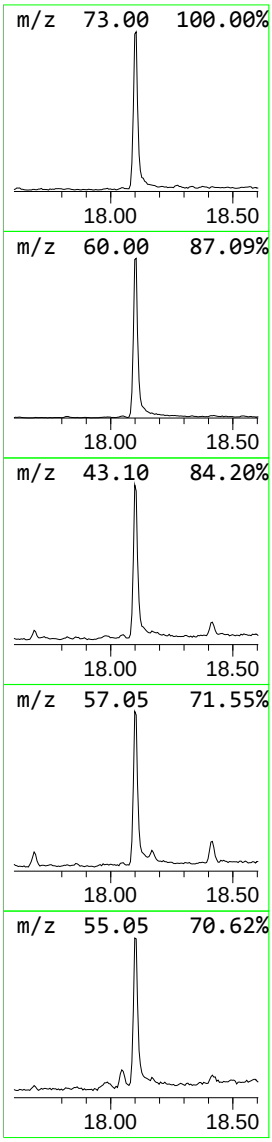
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	15.69 ng/ul	2299150	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020815.D
Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

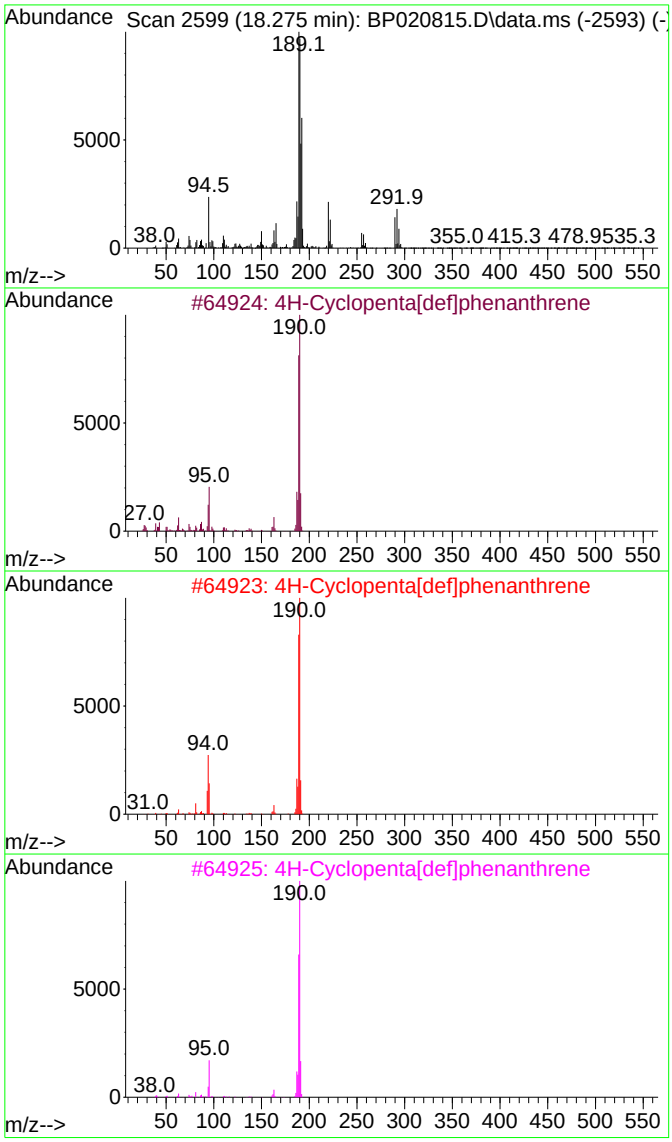
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

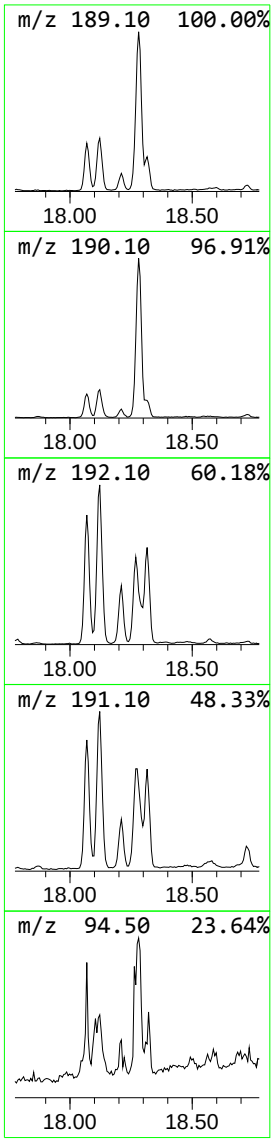
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	9.39 ng/ul	1375760	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Data File : BP020815.D
Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

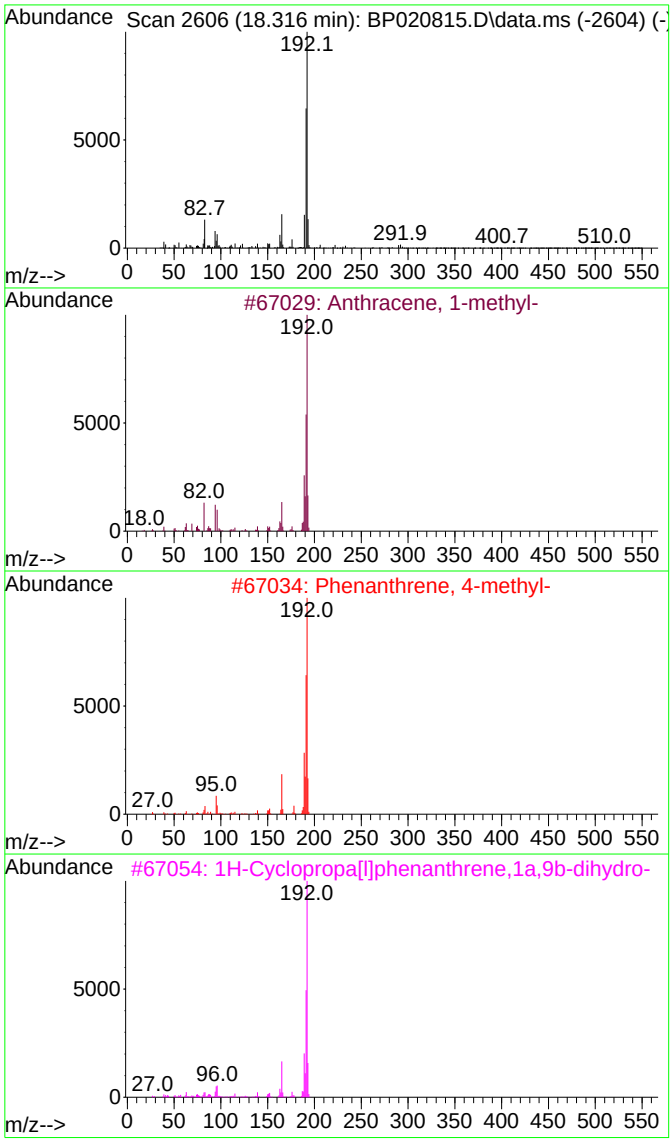
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

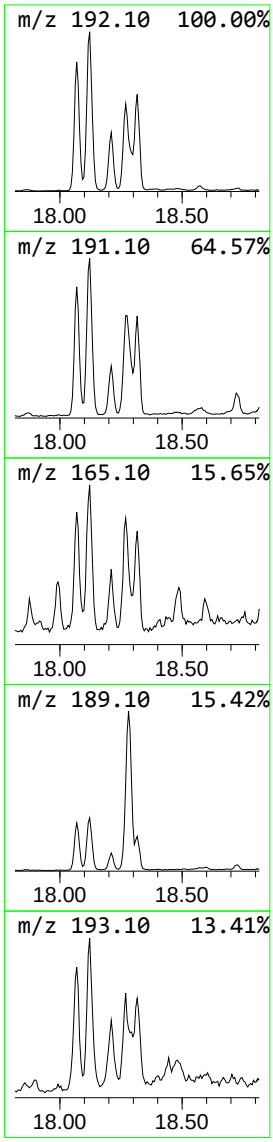
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	3.51 ng/ul	513655	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

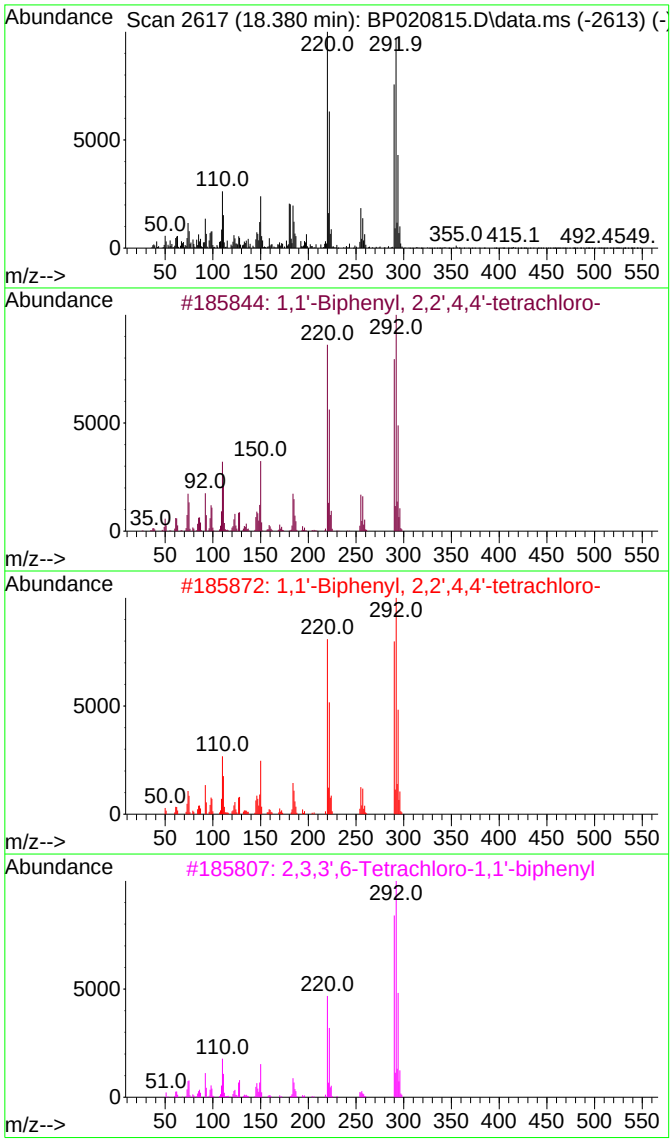
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

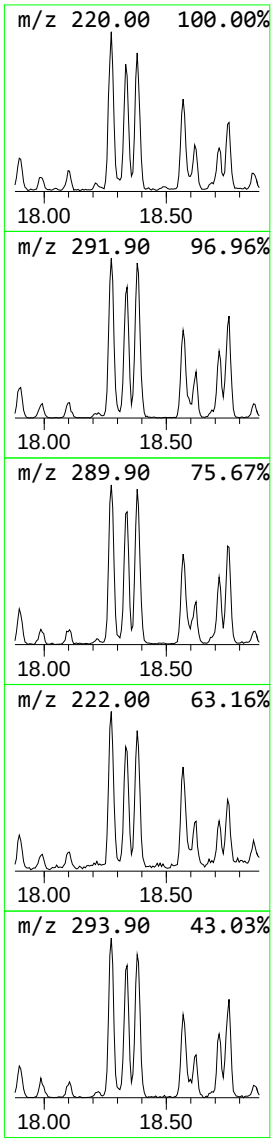
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	2.02 ng/ul	296200	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

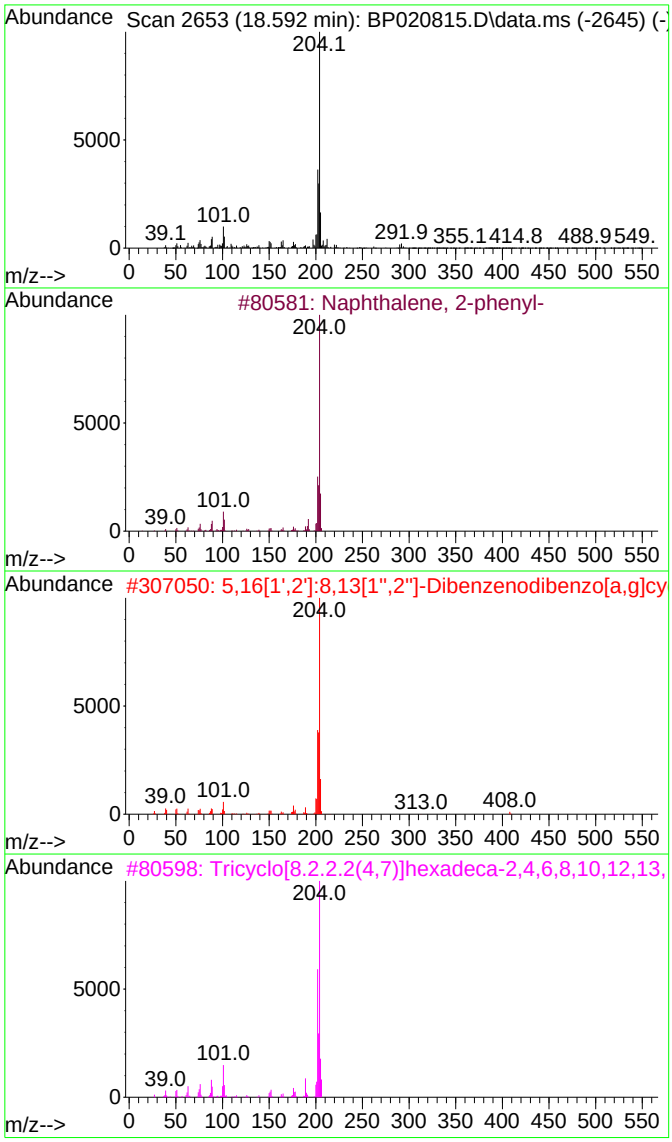
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

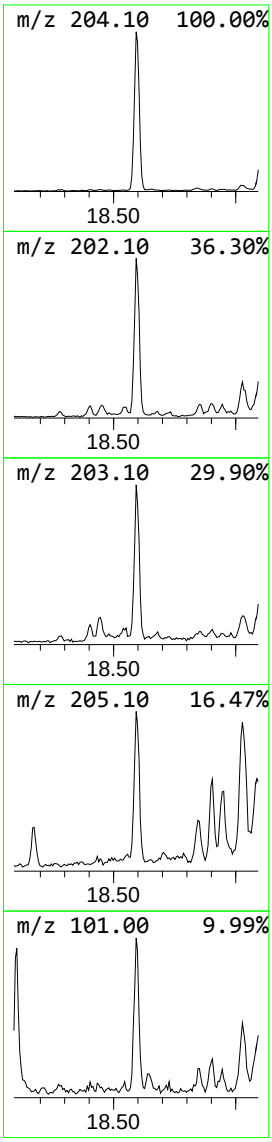
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.592	4.47 ng/ul	654196	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

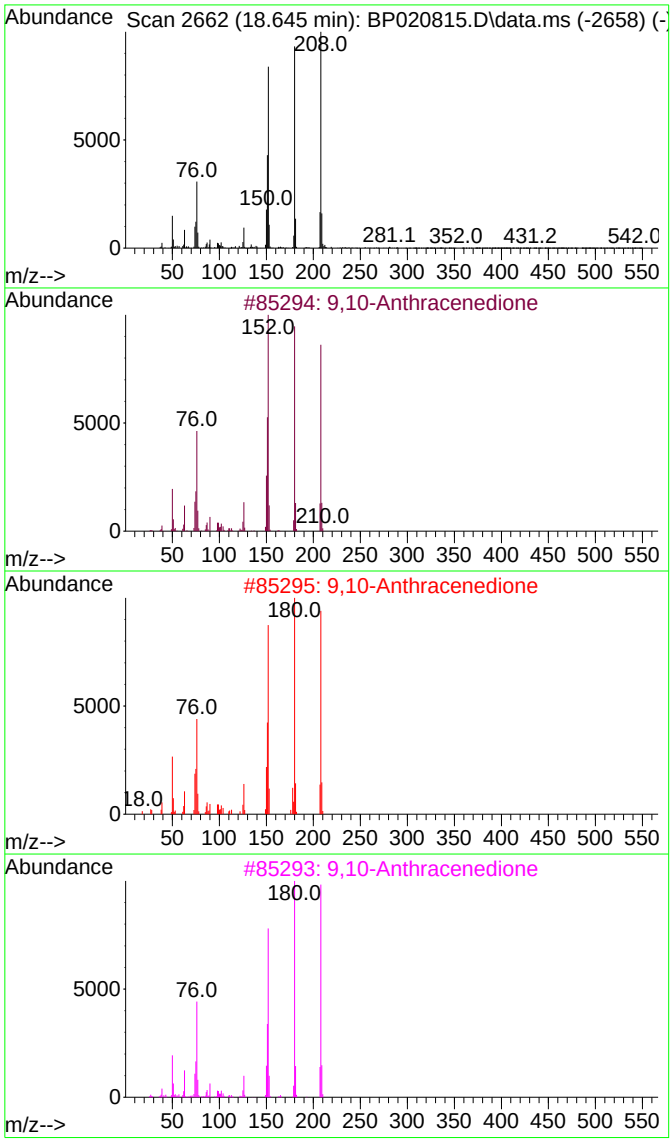
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

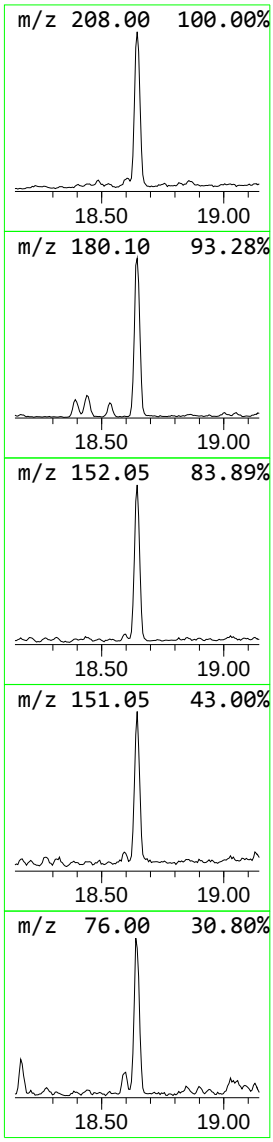
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	4.37 ng/ul	640759	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	90





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Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

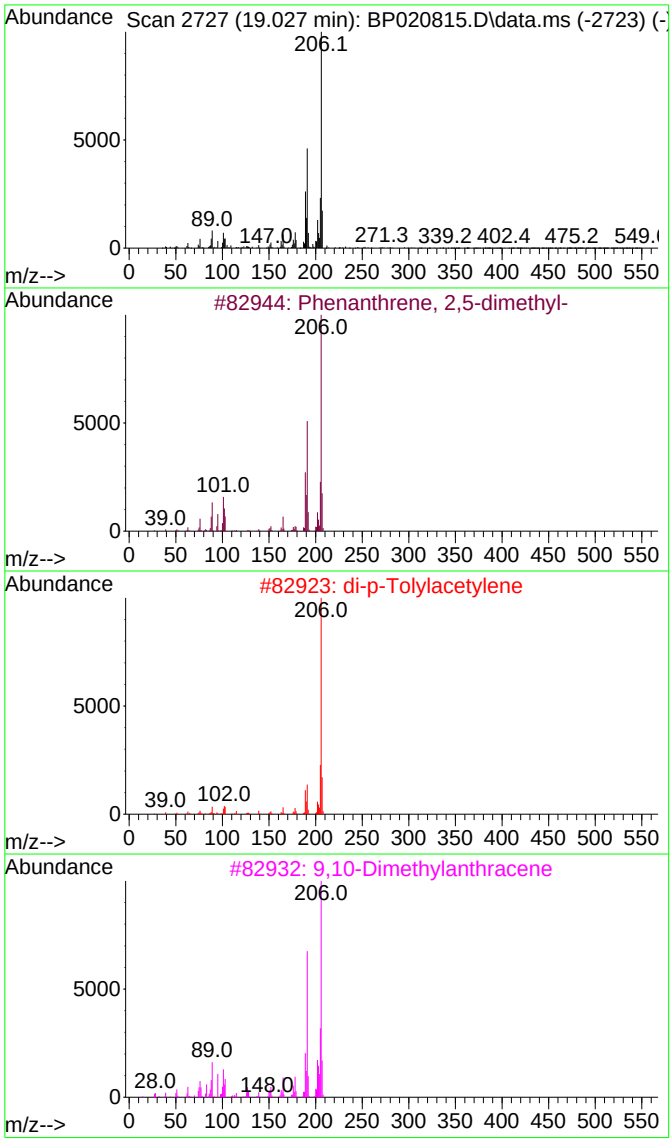
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

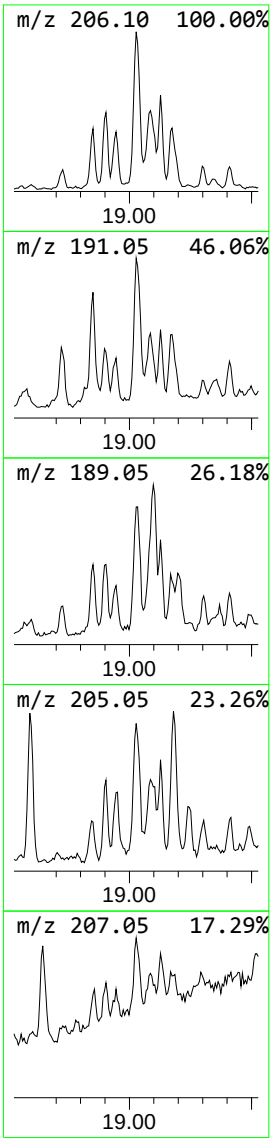
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	2.34 ng/ul	342894	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

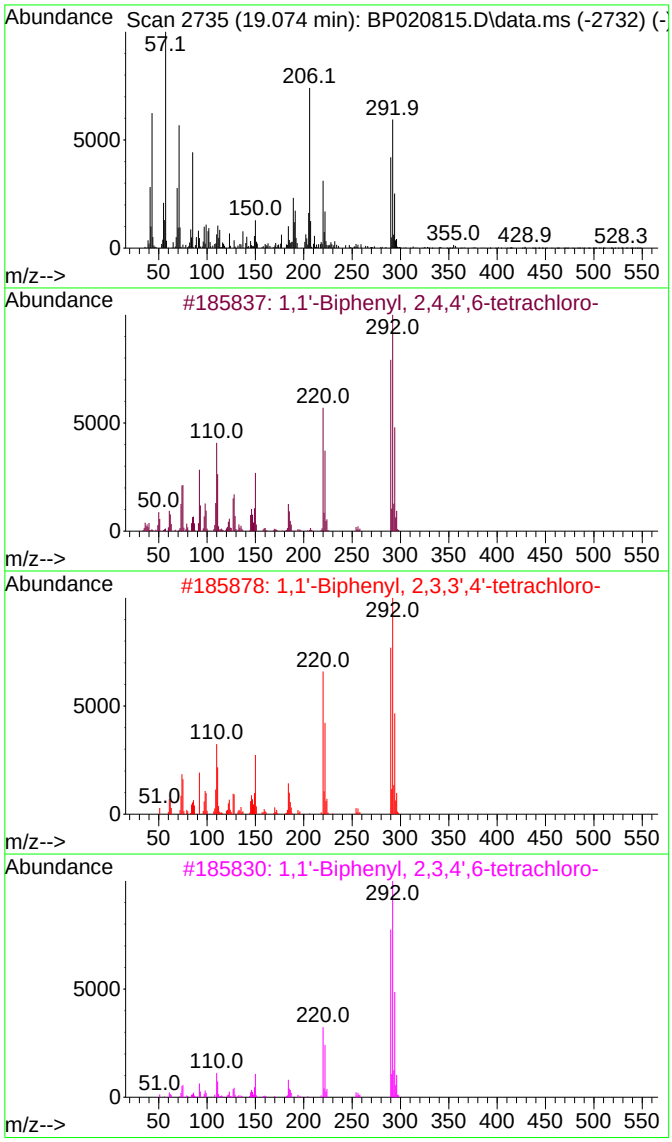
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

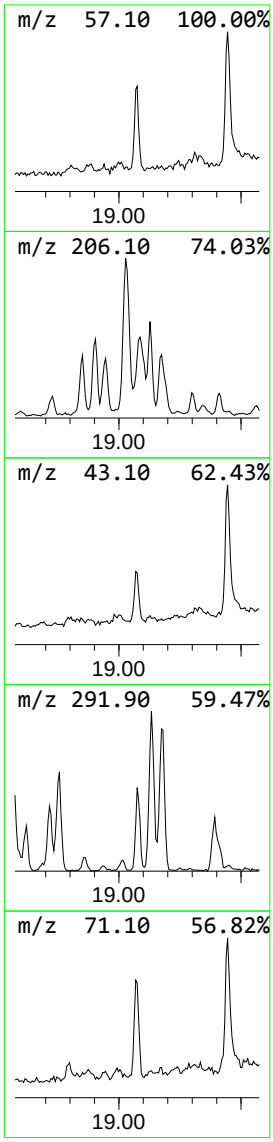
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,4,4',6-tet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.075	2.95 ng/ul	432549	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	83
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	83
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	81
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	80
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	80





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Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

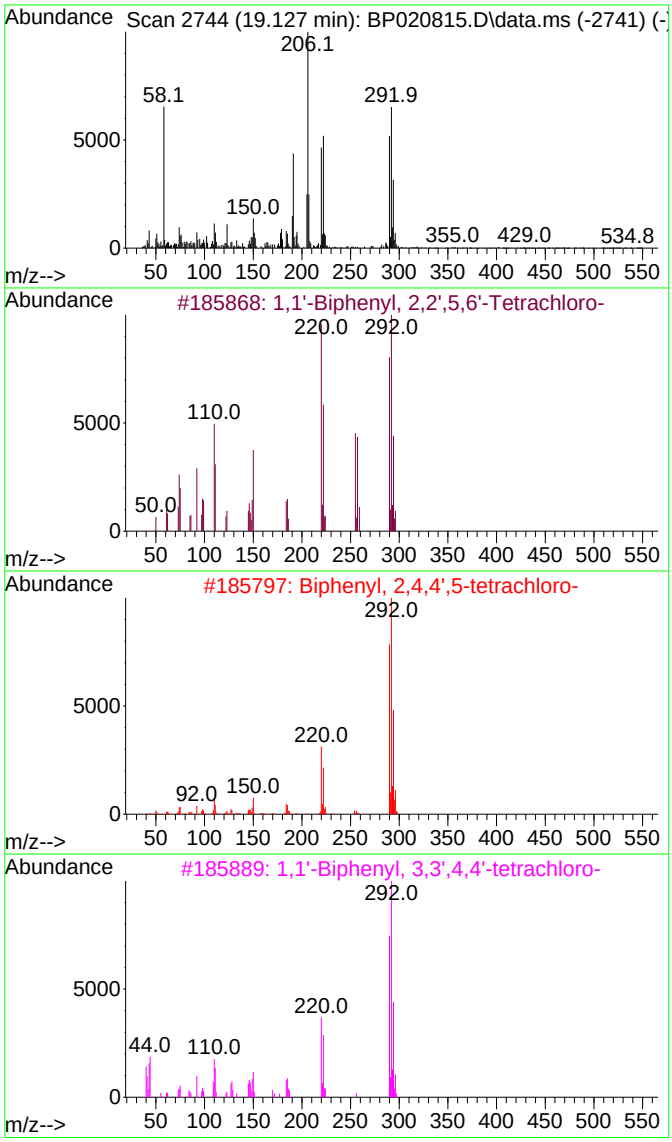
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

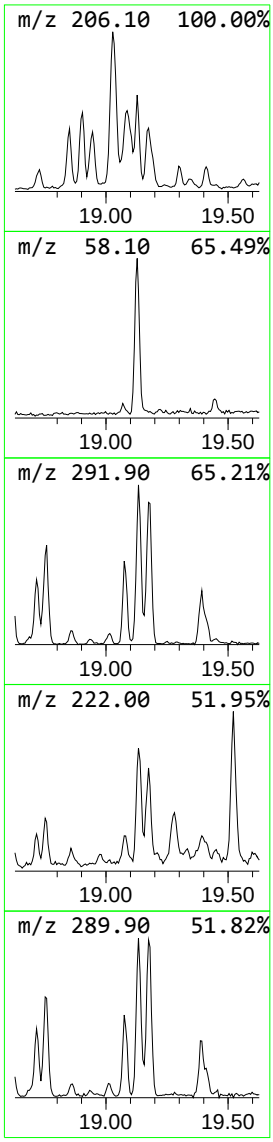
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	2.50 ng/ul	366350	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	95
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	95
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	95
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	94





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Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

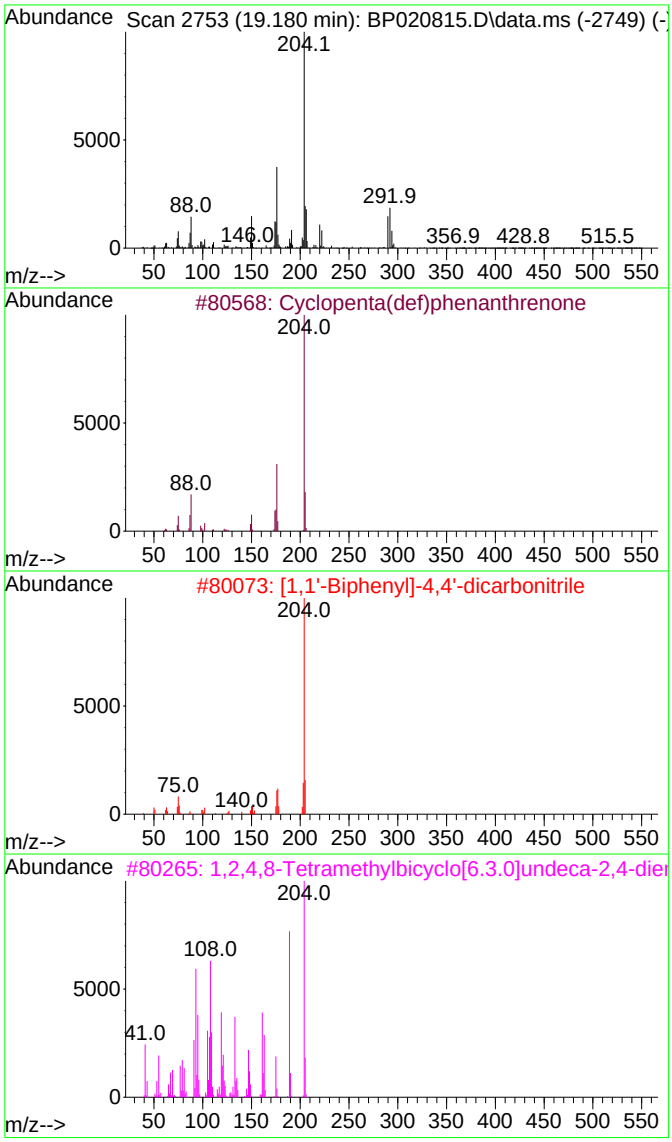
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

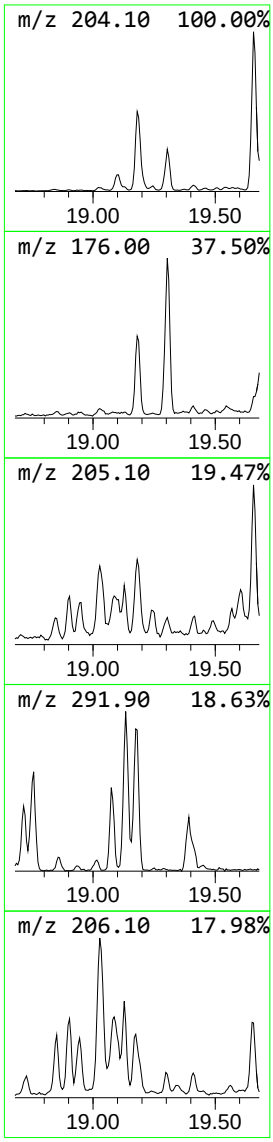
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	4.80 ng/ul	702680	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	47
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47





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Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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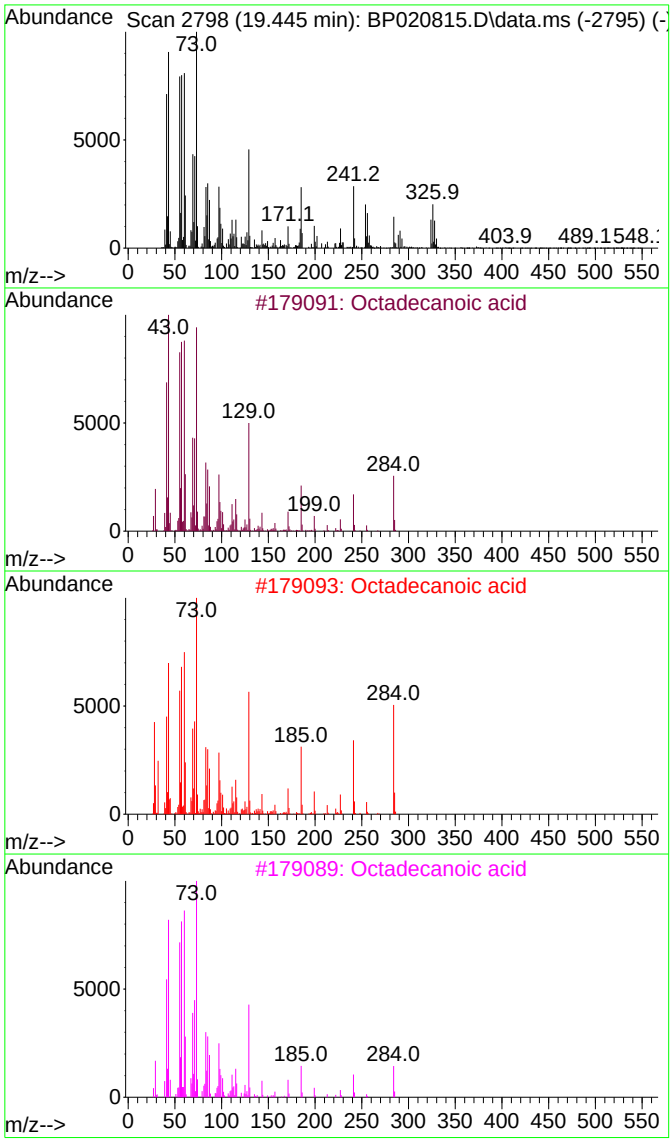
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

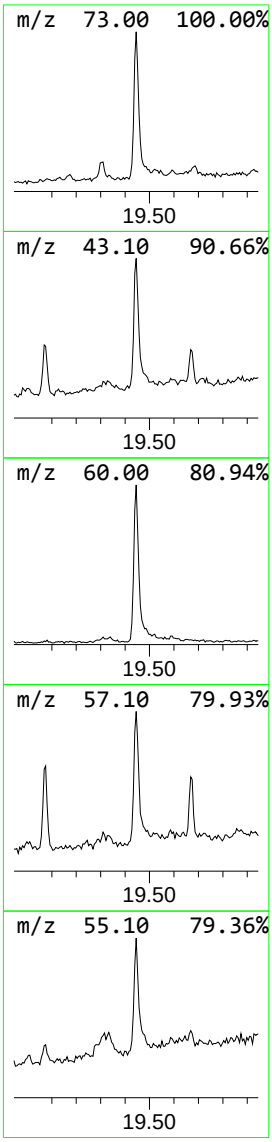
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	2.18 ng/ul	879711	Chrysene-d12	21.627

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89





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Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

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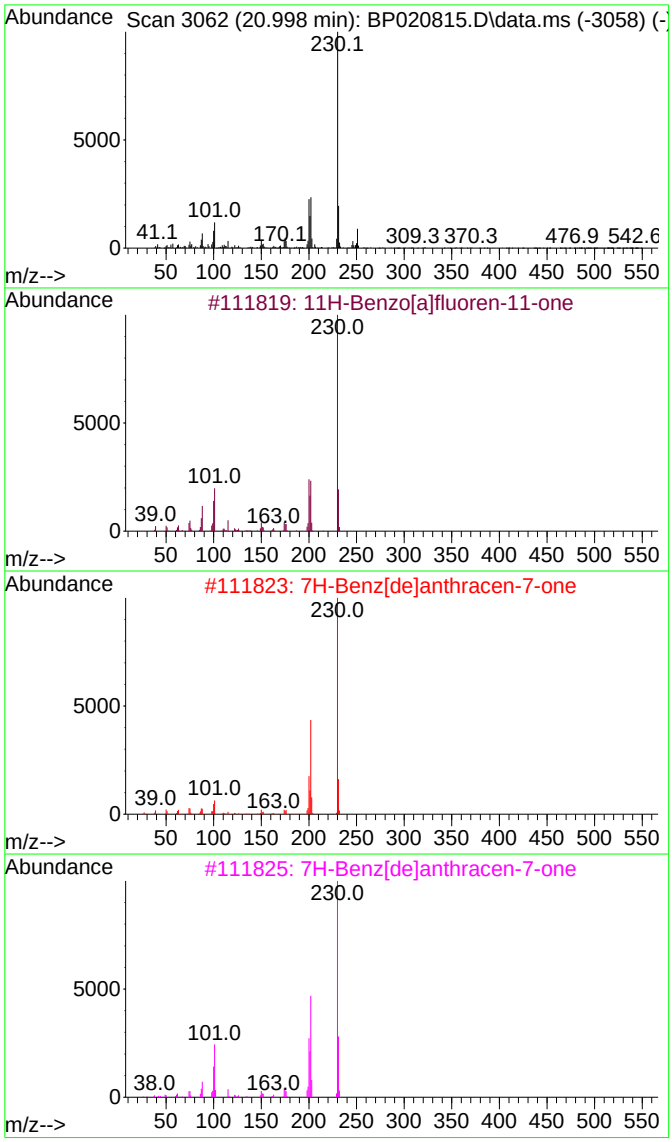
Quant Title : SVOA CALIBRATION

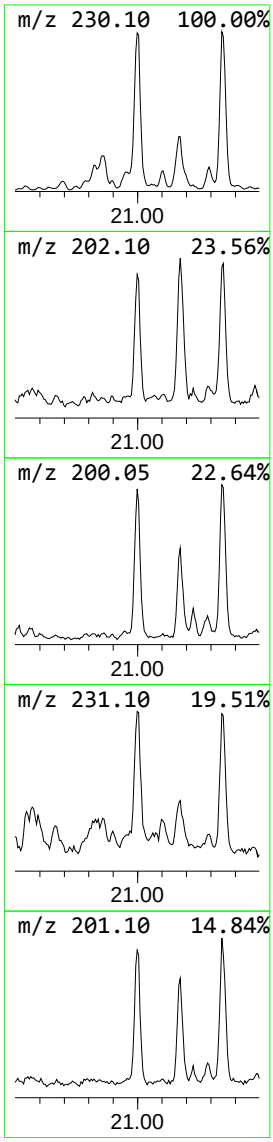
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	2.10 ng/ul	847356	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
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	87





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ALS Vial : 35 Sample Multiplier: 1

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BNA_P
ClientSampleId :
A4CW5

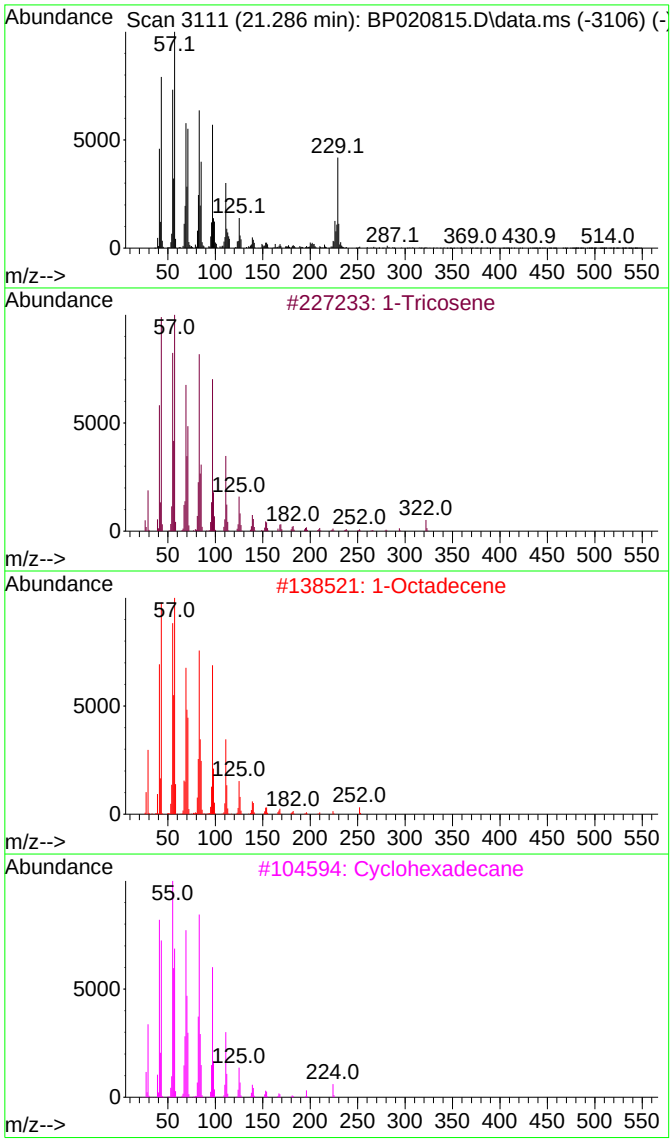
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

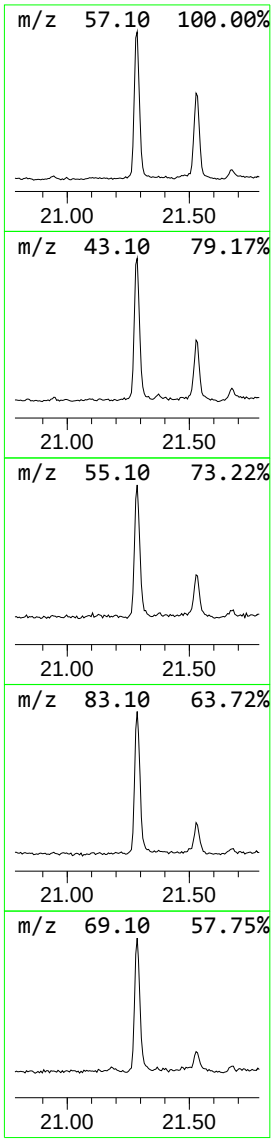
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	8.07 ng/ul	3262520	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	96
2	1-Octadecene	252	C18H36	000112-88-9	90
3	Cyclohexadecane	224	C16H32	000295-65-8	89
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	89
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	89





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Data File : BP020815.D
Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

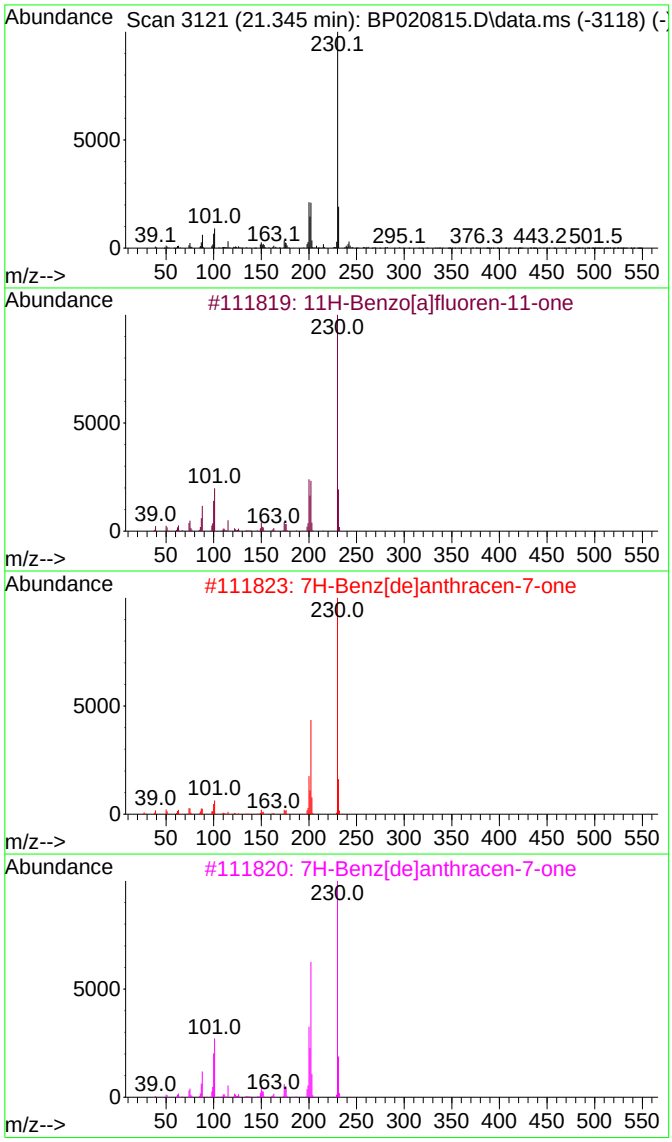
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

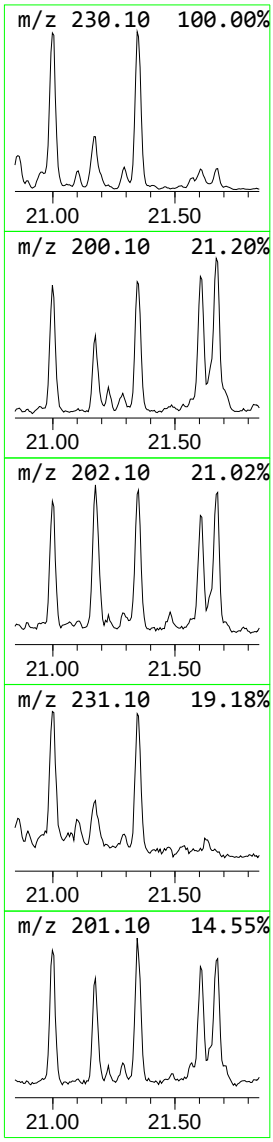
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	2.11 ng/ul	853353	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Data File : BP020815.D
Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

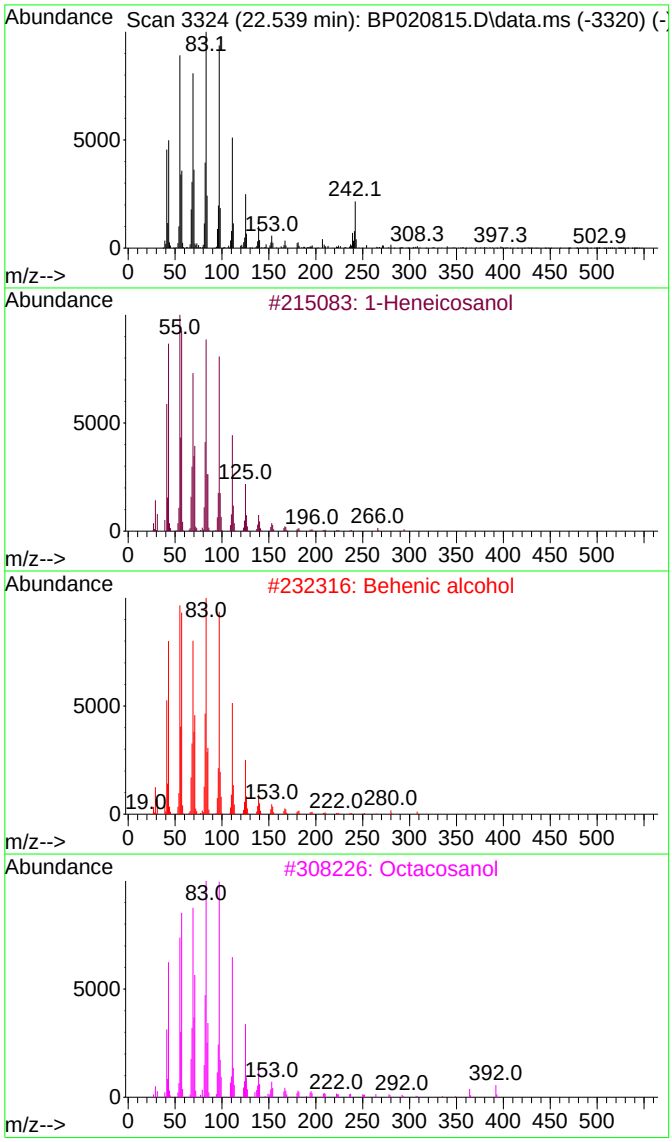
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

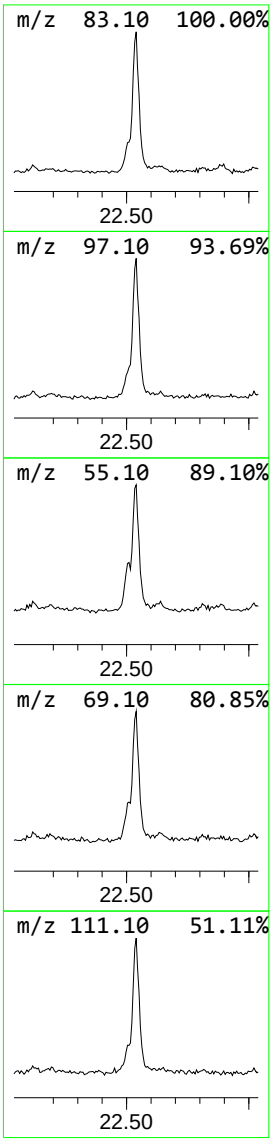
****

Peak Number 18 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.539	5.18 ng/ul	2093710	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Octacosanol	410	C28H58O	000557-61-9	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	1-Tetracosene	336	C24H48	010192-32-2	72





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Data File : BP020815.D
Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

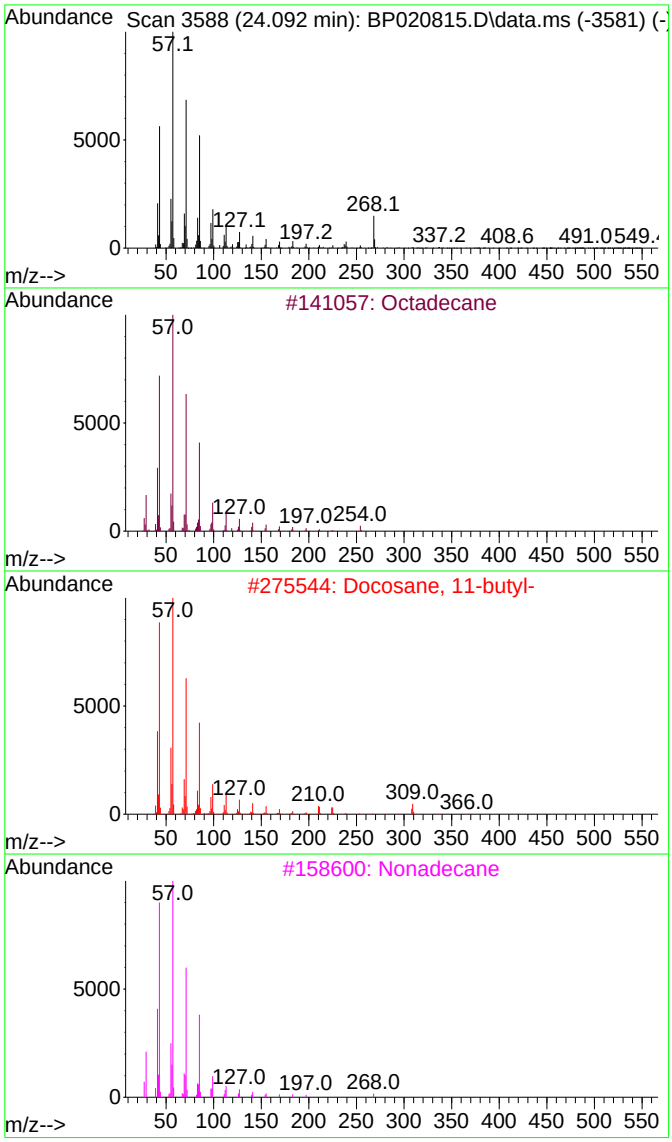
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

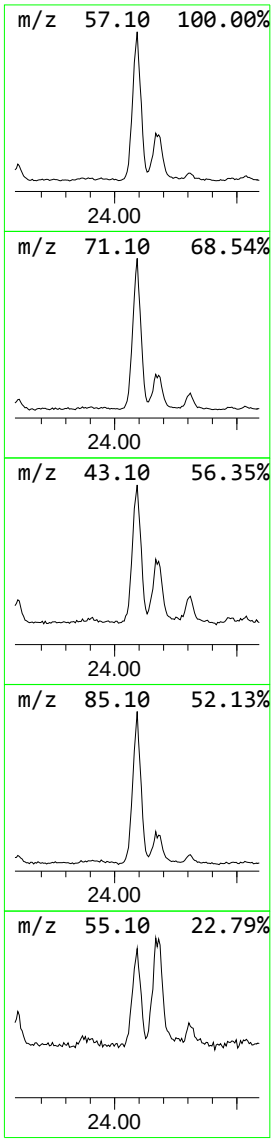
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.092	17.75 ng/ul	2396820	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Docosane	310	C22H46	000629-97-0	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020815.D
Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

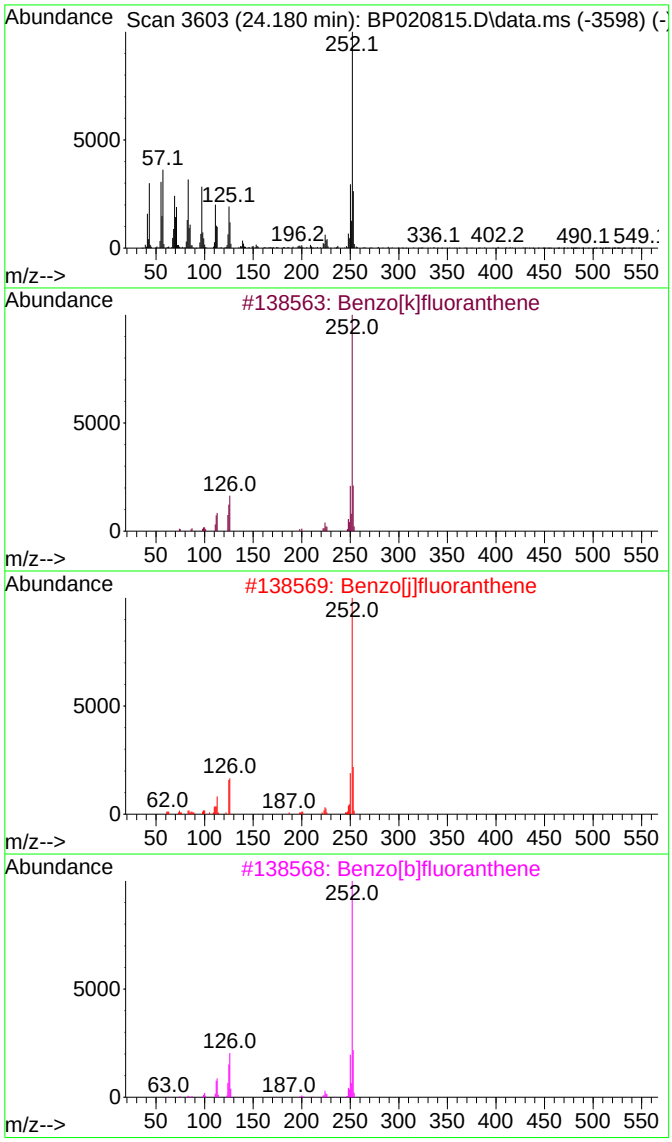
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

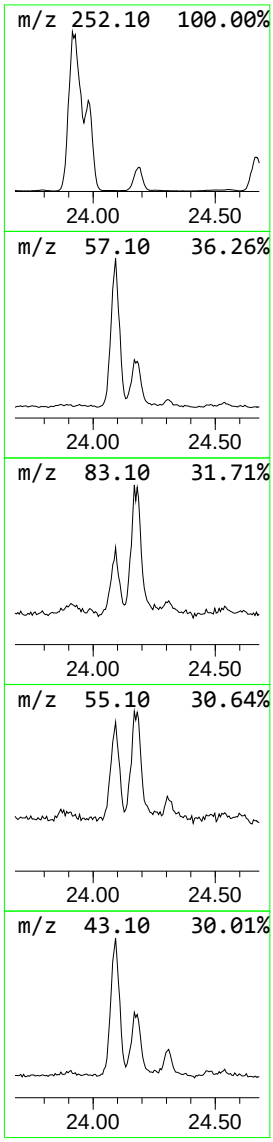
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.180	16.97 ng/ul	2291460	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	83
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	70
4	Benzo[a]pyrene	252	C20H12	000050-32-8	70
5	Benzo[e]pyrene	252	C20H12	000192-97-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020815.D
Acq On : 06 Jul 2024 11:13
Operator : MA/JU
Sample : P3010-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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
1-Phenoxypropan...	11.234	2.3	ng/ul	215622	2	10.487	1867670	20.0
1,1'-Biphenyl, ...	17.786	2.5	ng/ul	369244	4	17.163	2930270	20.0
Phenanthrene, 2...	18.069	4.3	ng/ul	627584	4	17.163	2930270	20.0
n-Hexadecanoic ...	18.104	15.7	ng/ul	2299150	4	17.163	2930270	20.0
4H-Cyclopenta[d...	18.275	9.4	ng/ul	1375760	4	17.163	2930270	20.0
Anthracene, 1-m...	18.316	3.5	ng/ul	513655	4	17.163	2930270	20.0
1,1'-Biphenyl, ...	18.380	2.0	ng/ul	296200	4	17.163	2930270	20.0
Naphthalene, 2-...	18.592	4.5	ng/ul	654196	4	17.163	2930270	20.0
9,10-Anthracene...	18.645	4.4	ng/ul	640759	4	17.163	2930270	20.0
Phenanthrene, 2...	19.027	2.3	ng/ul	342894	4	17.163	2930270	20.0
1,1'-Biphenyl, ...	19.075	3.0	ng/ul	432549	4	17.163	2930270	20.0
1,1'-Biphenyl, ...	19.127	2.5	ng/ul	366350	4	17.163	2930270	20.0
Cyclopenta(def)...	19.180	4.8	ng/ul	702680	4	17.163	2930270	20.0
Octadecanoic acid	19.445	2.2	ng/ul	879711	5	21.627	8083870	20.0
11H-Benzo[a]flu...	20.998	2.1	ng/ul	847356	5	21.627	8083870	20.0
(DEL) Alkane: S...	21.286	8.1	ng/ul	3262520	5	21.627	8083870	20.0
7H-Benz[de]anth...	21.345	2.1	ng/ul	853353	5	21.627	8083870	20.0
1-Heneicosanol	22.539	5.2	ng/ul	2093710	5	21.627	8083870	20.0
(DEL) Alkane: S...	24.092	17.8	ng/ul	2396820	6	24.980	2699970	20.0
Benzo[j]fluoran...	24.180	17.0	ng/ul	2291460	6	24.980	2699970	20.0