LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

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_G\Methods\SFAM-EPA-BG121124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG063823.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.908	307	310	319	rVB5	25019	43911	0.64%	0.064%
2	5.819	461	465	470	rVB3	38439	62402	0.92%	0.092%
3	5.884	471	476	481	rVV2	32172	54247	0.80%	0.080%
4	6.295	542	546	553	rVB5	52161	95946	1.41%	0.141%
5	6.471	568	576	582	rBV	282005	427198	6.27%	0.626%
6	6.783	624	629	636	rVB3	45847	92278	1.36%	0.135%
7	6.888	642	647	653	rVV	186880	277046	4.07%	0.406%
8	6.947	653	657	659	rVV2	70866	112541	1.65%	0.165%
9	6.988	659	664	667	rVV	300953	529735	7.78%	0.777%
10	7.024	667	670	677	rVB	240664	374115	5.49%	0.549%
11	7.129	683	688	693	rBV	247611	395687	5.81%	0.580%
12	7.188	694	698	707	rVB	160655	259731	3.81%	0.381%
13	7.335	718	723	733	rVB	269772	476499	7.00%	0.699%
14	7.447	735	742	752	rVB	380686	630978	9.27%	0.925%
15	7.799	794	802	808	rBV2	424466	735955	10.81%	1.079%
16	7.911	817	821	829	rVB2	117306	202896	2.98%	0.298%
17	8.169	857	865	869	rBV10	18155	41532	0.61%	0.061%
18	8.293	882	886	889	rBV4	29402	54459	0.80%	0.080%
19	8.434	906	910	915	rBV2	84262	154702	2.27%	0.227%
20	8.522	919	925	930	rVV	230482	381216	5.60%	0.559%
21	8.616	936	941	948	rVB2	198673	337940	4.96%	0.496%
22	8.751	960	964	967	rBV	31480	45939	0.67%	0.067%
23	8.798	970	972	980	rVB6	32104	45026	0.66%	0.066%
24	8.898	985	989	993	rVV2	64715	99420	1.46%	0.146%
25	8.957	993	999	1006	rVV	284120	518786	7.62%	0.761%
26	9.145	1029	1031	1038	rVB7	26045	42646	0.63%	0.063%
27	9.515	1090	1094	1098	rVB3	48111	77764	1.14%	0.114%
28	9.673	1114	1121	1128	rBV2	265596	483326	7.10%	0.709%
29	10.226	1207	1215	1222	rBV	363144	659365	9.68%	0.967%
30	10.590	1268	1277	1281	rBV	602228	1092882	16.05%	1.603%
31	10.631	1281	1284	1294	rVB2	148548	268891	3.95%	0.394%
32	10.731	1296	1301	1312	rVB	87381	184217	2.71%	0.270%
33	11.125	1363	1368	1375	rVB8	35309	65160	0.96%	0.096%
34	11.501	1427	1432	1436	rVB7	18530	41238	0.61%	0.060%
35	11.947	1502	1508	1515	rBV8	21572	52474	0.77%	0.077%
36	12.253	1555	1560	1567	rVB2	82985	152282	2.24%	0.223%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

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_G\Methods\SFAM-EPA-BG121124.MA.M
Title : SVOA CALIBRATION

37	12.470	1592	1597	1603	rVB2	58948	101419	1.49%	0.149%
38	13.269	1726	1733	1741	rVB4	44054	81311	1.19%	0.119%
39	13.416	1752	1758	1763	rBV	228715	369852	5.43%	0.542%
40	13.598	1781	1789	1791	rBV6	37790	68183	1.00%	0.100%
41	13.757	1810	1816	1821	rBV4	48718	94905	1.39%	0.139%
42	13.845	1821	1831	1836	rBV	809944	1171478	17.20%	1.718%
43	13.886	1836	1838	1842	rVB	46958	64872	0.95%	0.095%
44	14.127	1871	1879	1891	rVB	724725	1210786	17.78%	1.776%
45	14.438	1923	1932	1938	rBV	1165628	1789372	26.28%	2.624%
46	14.503	1938	1943	1951	rVB	559782	875238	12.85%	1.283%
47	14.679	1964	1973	1985	rBV2	252524	555999	8.17%	0.815%
48	14.803	1990	1994	1995	rVV3	33046	39686	0.58%	0.058%
49	14.838	1995	2000	2008	rVV	316546	472911	6.95%	0.693%
50	14.920	2011	2014	2019	rVB2	29824	39250	0.58%	0.058%
51	15.437	2093	2102	2107	rBV	896168	1420237	20.86%	2.083%
52	15.490	2107	2111	2116	rVB2	222966	317684	4.67%	0.466%
53	15.572	2120	2125	2130	rBV	234083	385430	5.66%	0.565%
54	15.655	2136	2139	2144	rVB3	41170	56347	0.83%	0.083%
55	15.796	2157	2163	2170	rVB2	297502	503257	7.39%	0.738%
56	15.931	2181	2186	2194	rVB3	101170	223638	3.28%	0.328%
57	16.025	2197	2202	2207	rVB6	26083	50451	0.74%	0.074%
58	16.160	2220	2225	2233	rBV5	75921	151025	2.22%	0.221%
59	16.389	2260	2264	2270	rVB2	85777	124433	1.83%	0.182%
60	16.495	2279	2282	2287	rVB2	36740	59406	0.87%	0.087%
61	16.847	2337	2342	2350	rVB	383605	562347	8.26%	0.825%
62	16.924	2350	2355	2361	rBV7	51255	129910	1.91%	0.191%
63	17.006	2365	2369	2376	rVB	253561	407514	5.98%	0.598%
64	17.194	2394	2401	2404	rBV2	1442135	2359822	34.66%	3.460%
65	17.235	2404	2408	2413	rVB	4488058	6372829	93.59%	9.345%
66	17.288	2413	2417	2421	rBV	1051558	1477804	21.70%	2.167%
67	17.382	2429	2433	2440	rVB6	55327	93113	1.37%	0.137%
68	17.599	2465	2470	2475	rBV	337554	502250	7.38%	0.737%
69	17.776	2496	2500	2507	rVB5	90229	143158	2.10%	0.210%
70	18.034	2540	2544	2546	rBV3	159867	233366	3.43%	0.342%
71	18.069	2546	2550	2552	rVV	374673	572733	8.41%	0.840%
72	18.116	2555	2558	2564	rVB	553026	787470	11.56%	1.155%
73	18.193	2569	2571	2576	rVV3	61745	77972	1.15%	0.114%
74	18.263	2578	2583	2587	rVV2	406266	717327	10.53%	1.052%
75	18.299	2587	2589	2595	rVB	207441	268163	3.94%	0.393%
76	18.381	2598	2603	2606	rBV6	63100	106018	1.56%	0.155%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

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_G\Methods\SFAM-EPA-BG121124.MA.M
Title : SVOA CALIBRATION

77	18.422	2606	2610	2614	rVB4	71842	92712	1.36%	0.136%
78	18.569	2631	2635	2639	rBV	292784	433499	6.37%	0.636%
79	18.616	2639	2643	2648	rVB	769445	1061286	15.59%	1.556%
80	18.816	2674	2677	2681	rBV3	70157	91263	1.34%	0.134%
81	18.992	2703	2707	2712	rBV2	137236	232646	3.42%	0.341%
82	19.133	2727	2731	2740	rVB2	249834	469839	6.90%	0.689%
83	19.256	2746	2752	2758	rVB	4841852	6809232	100.00%	9.985%
84	19.456	2783	2786	2789	rVB4	92151	107325	1.58%	0.157%
85	19.591	2803	2809	2811	rBV2	1621228	2625134	38.55%	3.850%
86	19.621	2811	2814	2822	rVV2	3196801	4935206	72.48%	7.237%
87	19.691	2823	2826	2831	rVB2	193879	275658	4.05%	0.404%
88	19.797	2840	2844	2850	rVB	213260	333069	4.89%	0.488%
89	19.938	2864	2868	2870	rBV2	194224	309138	4.54%	0.453%
90	20.214	2912	2915	2918	rBV2	100403	111449	1.64%	0.163%
91	20.308	2929	2931	2936	rVB	212612	210772	3.10%	0.309%
92	20.619	2980	2984	2990	rBV2	185718	287869	4.23%	0.422%
93	20.866	3022	3026	3033	rVB	472259	639911	9.40%	0.938%
94	21.037	3052	3055	3059	rVB2	297262	411366	6.04%	0.603%
95	21.084	3059	3063	3064	rBV	216742	272935	4.01%	0.400%
96	21.183	3077	3080	3087	rVB	344194	538913	7.91%	0.790%
97	21.430	3116	3122	3128	rBV3	2103587	5232446	76.84%	7.673%
98	21.483	3128	3131	3143	rVB	1828735	2812304	41.30%	4.124%
99	23.504	3469	3475	3482	rBV	1010377	2947978	43.29%	4.323%
100	24.456	3629	3637	3647	rBV	927742	2342099	34.40%	3.434%

Sum of corrected areas: 68193445

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
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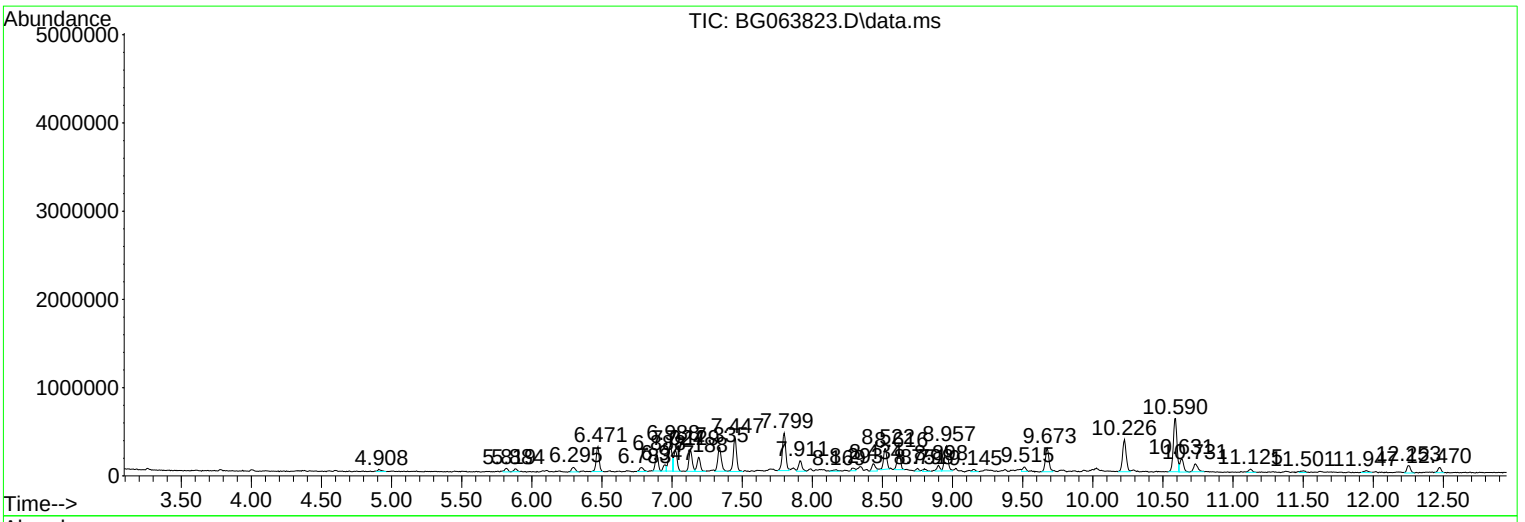
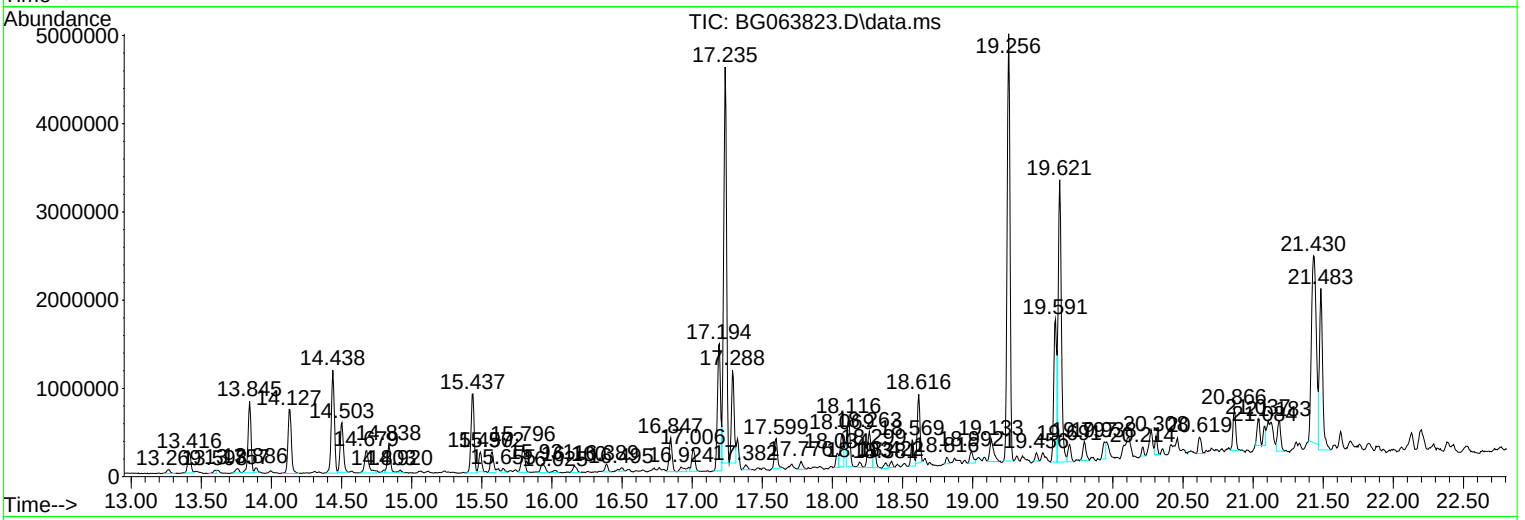
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

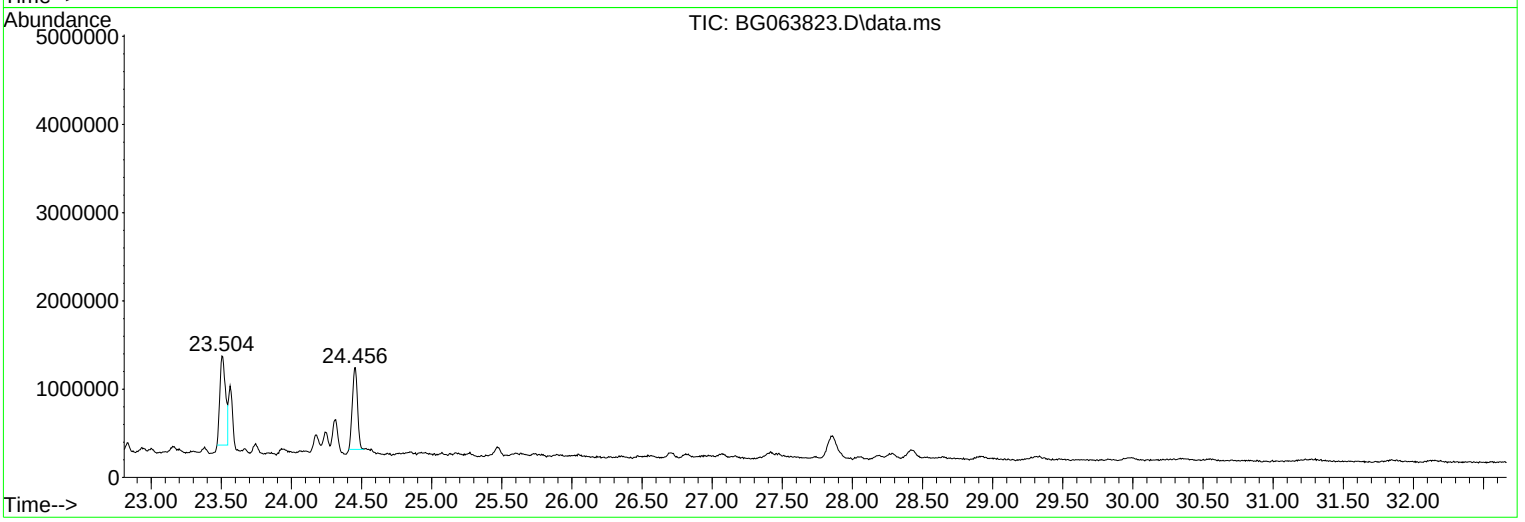
Instrument :
BNA_G
ClientSampleId :
E2906

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

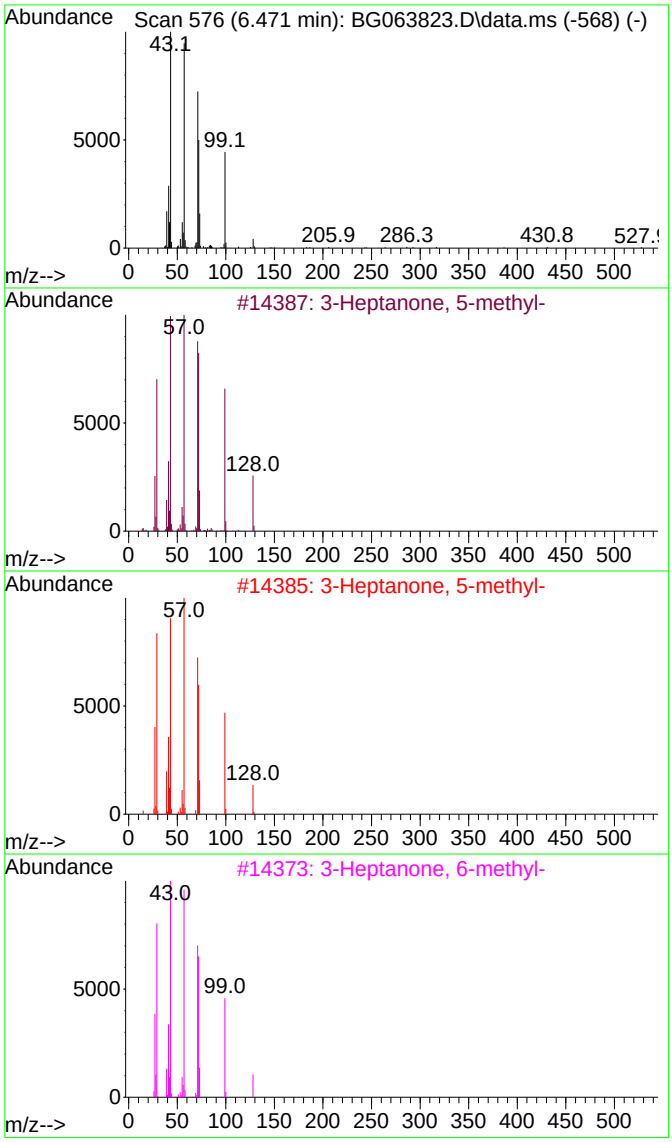
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

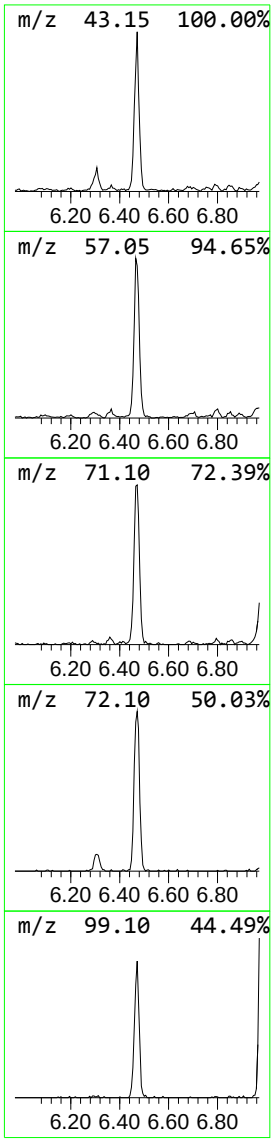
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Heptanone, 5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.471	11.61 ng/ul	427198	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	87
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	83
3	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	83
4	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	78
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

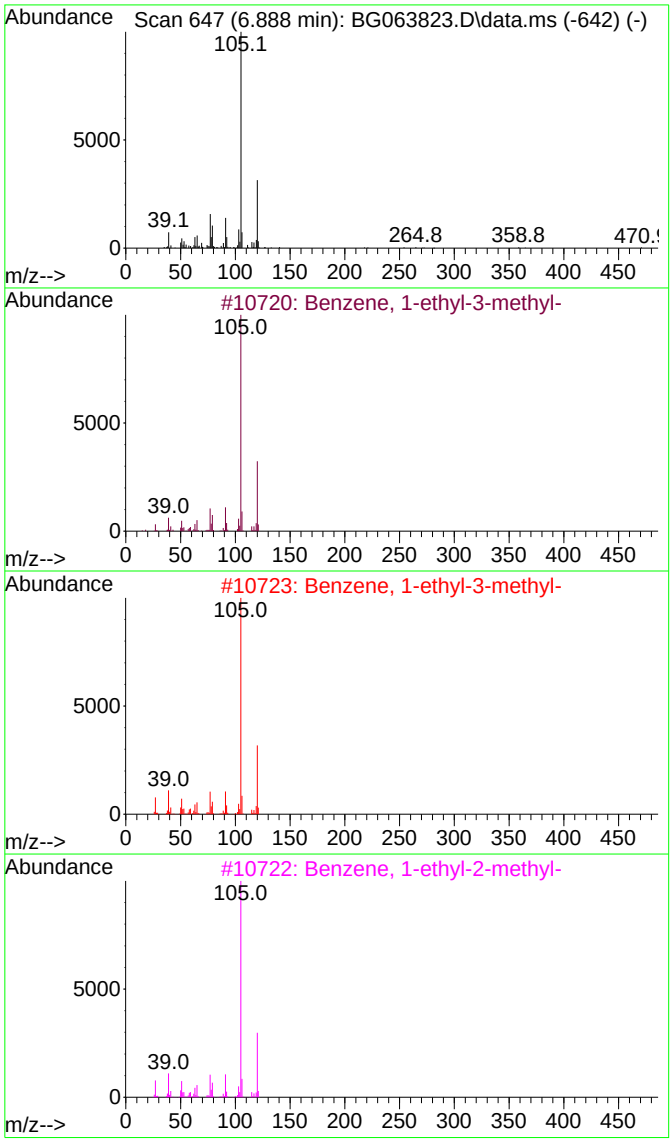
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

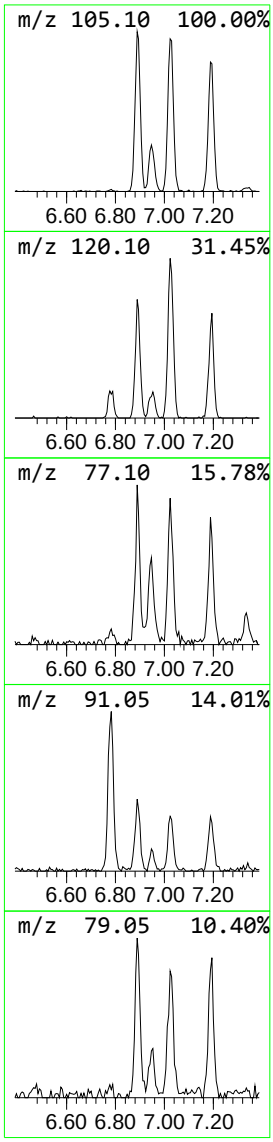
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.888	7.53 ng/ul	277046	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

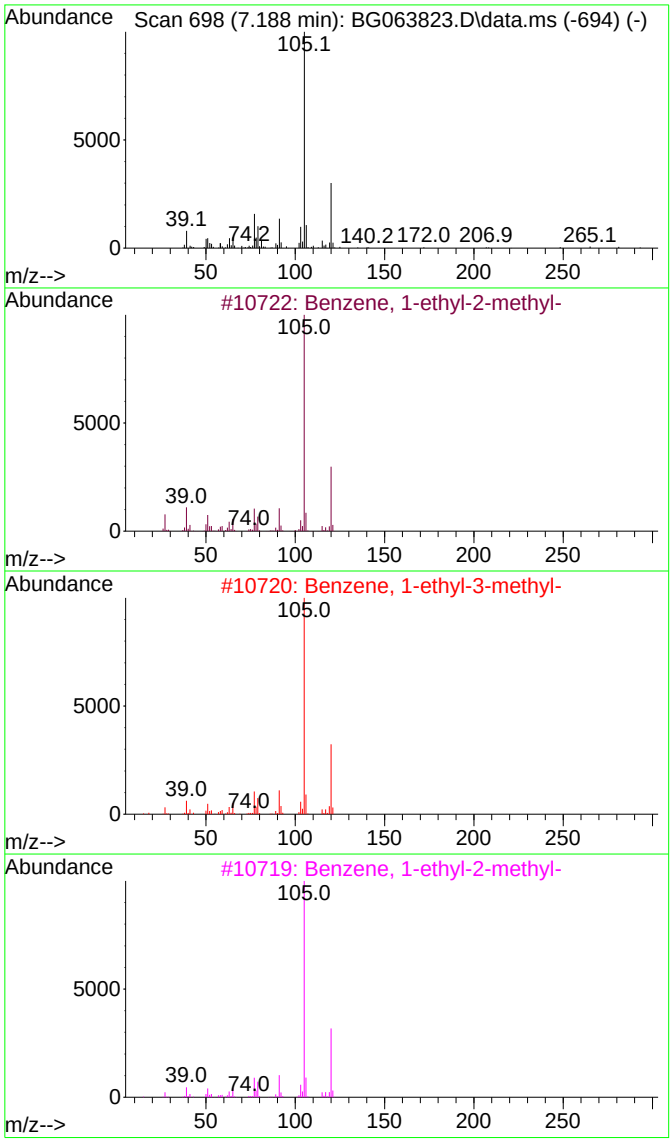
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

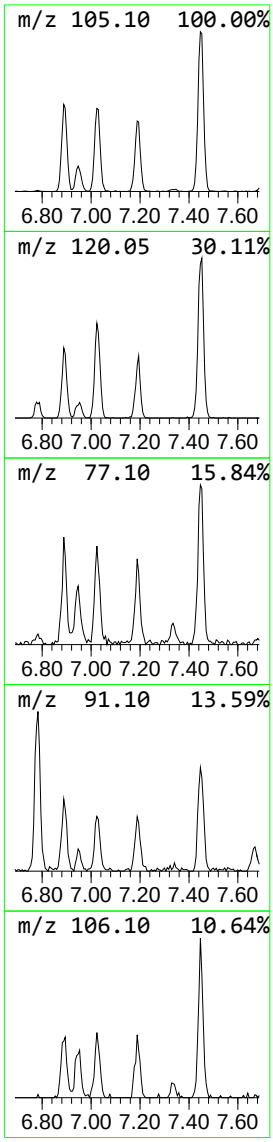
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.188	7.06 ng/ul	259731	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
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Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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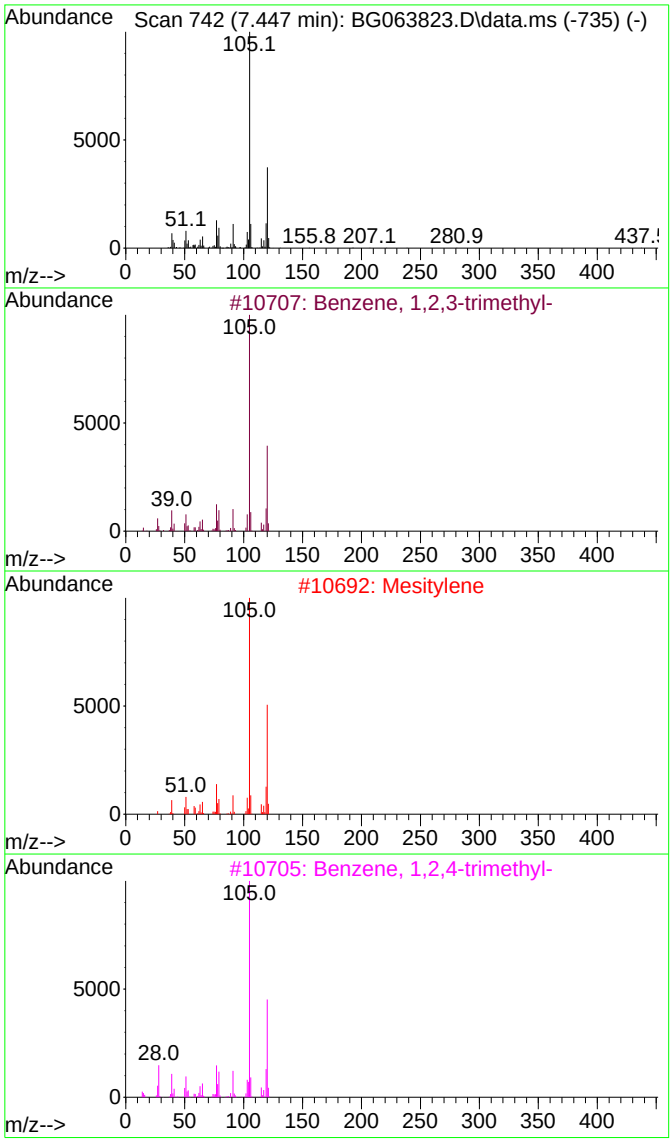
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

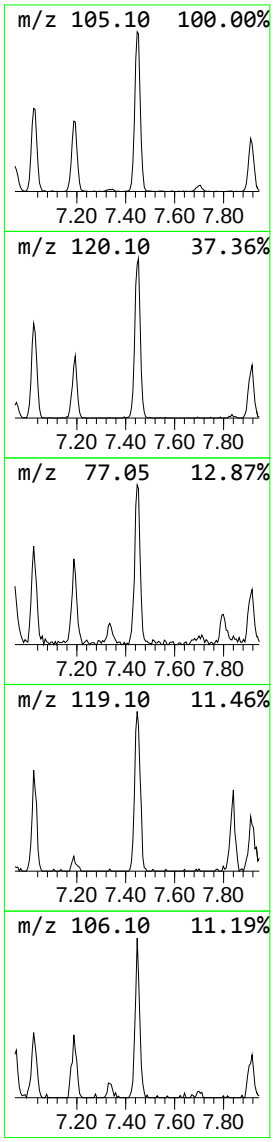
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.447	17.15 ng/ul	630978	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

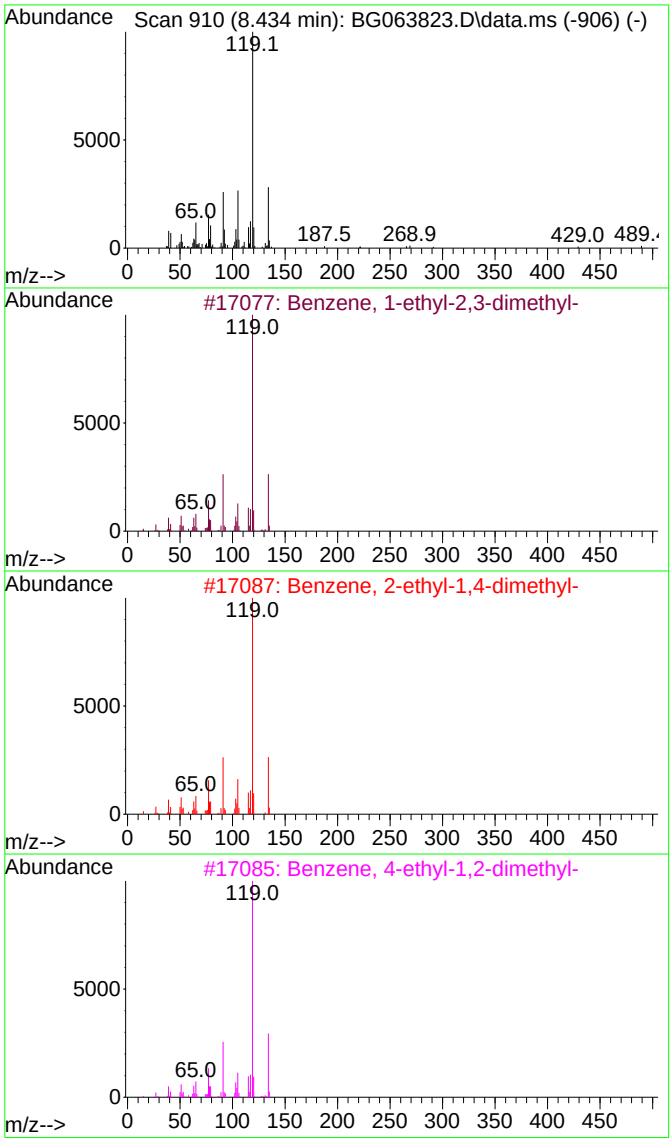
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

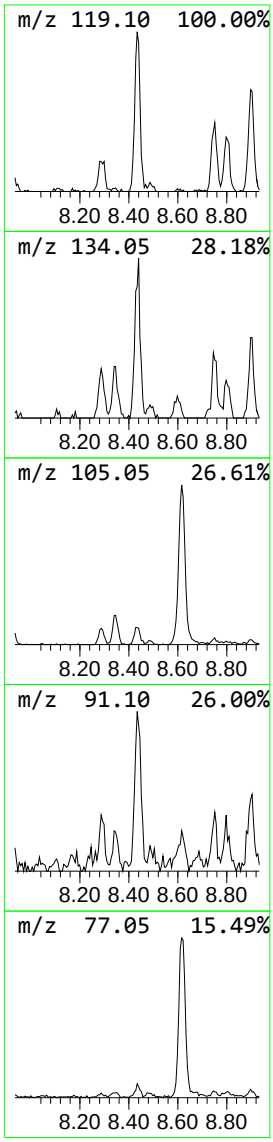
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	4.20 ng/ul	154702	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87





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Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

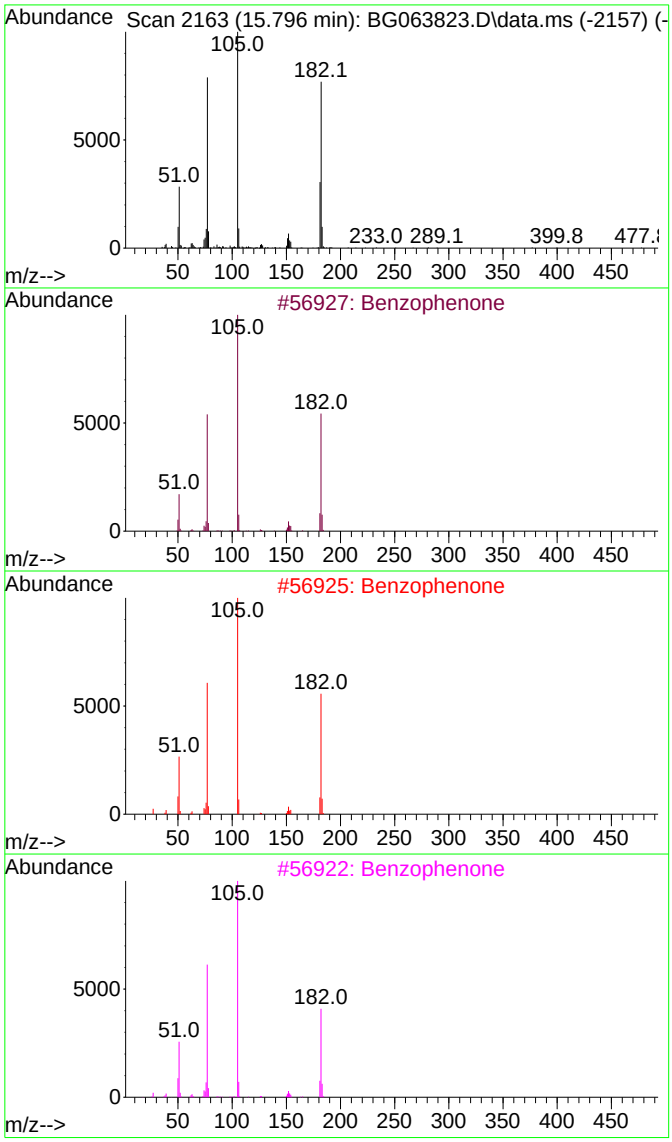
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

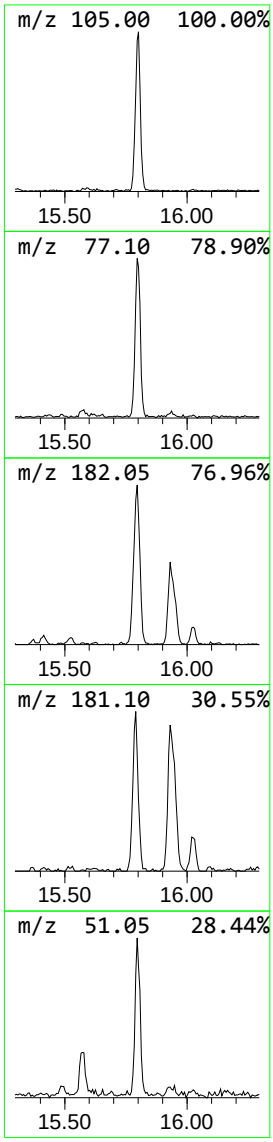
****

Peak Number 11 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.796	5.62 ng/ul	503257	Acenaphthene-d10	14.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	72
5	Benzophenone	182	C13H10O	000119-61-9	72





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Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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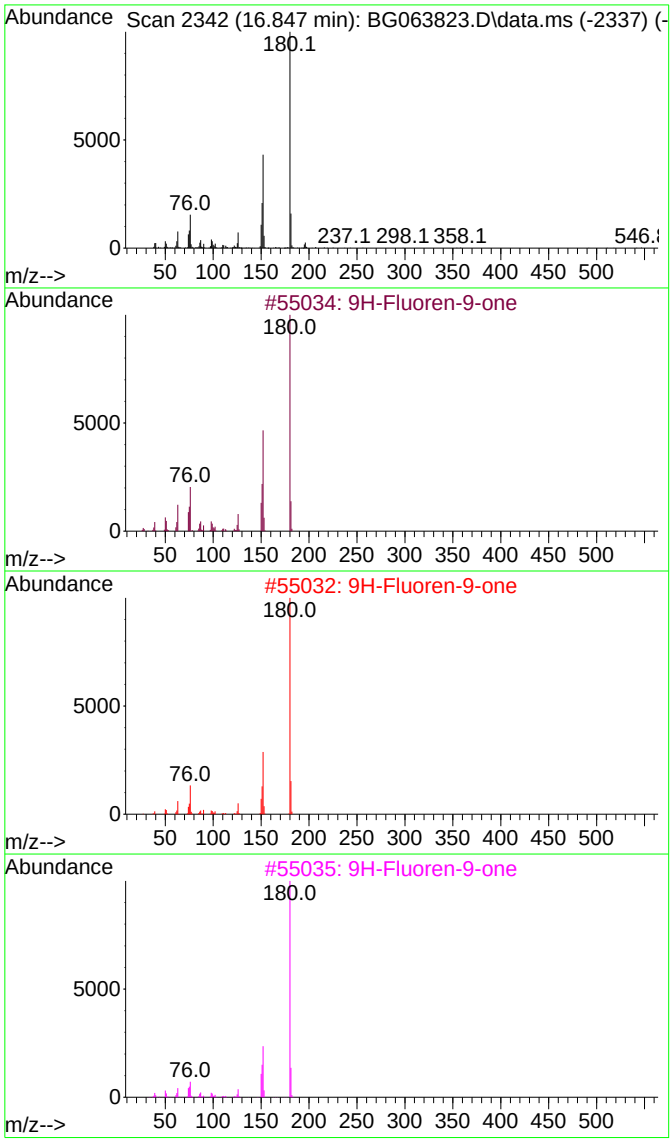
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

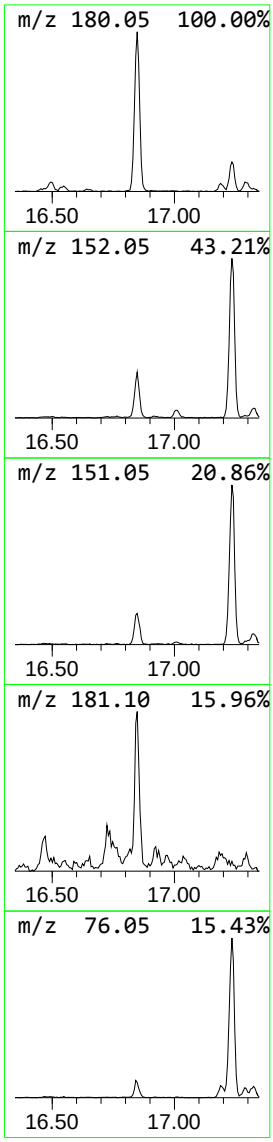
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.847	4.77 ng/ul	562347	Phenanthrene-d10	17.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91





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Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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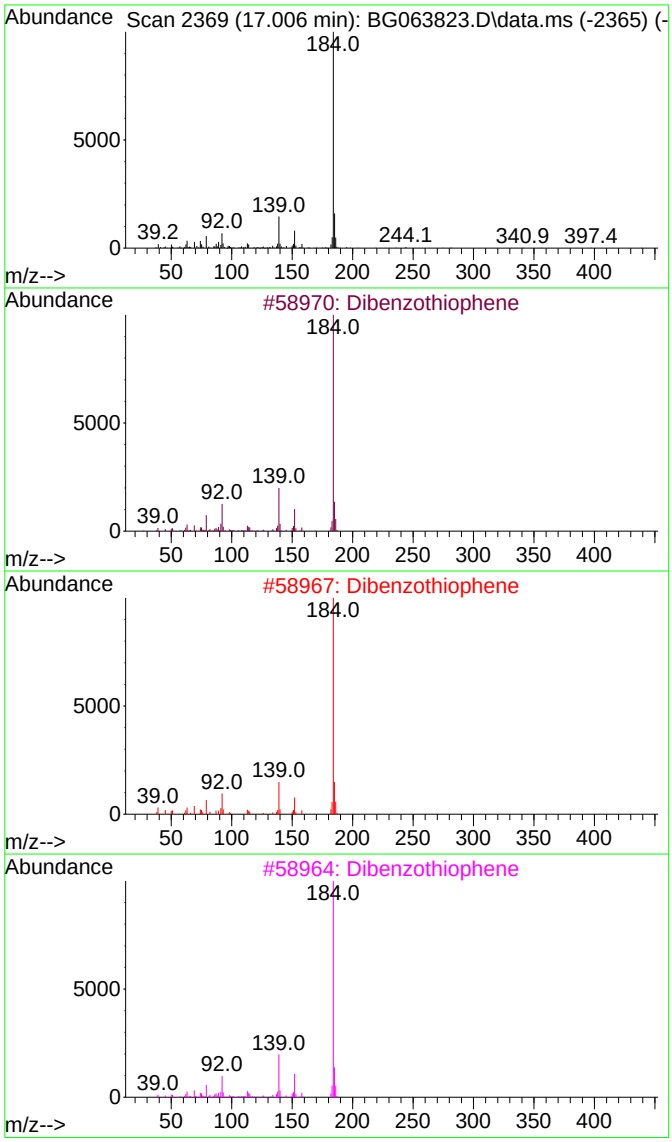
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

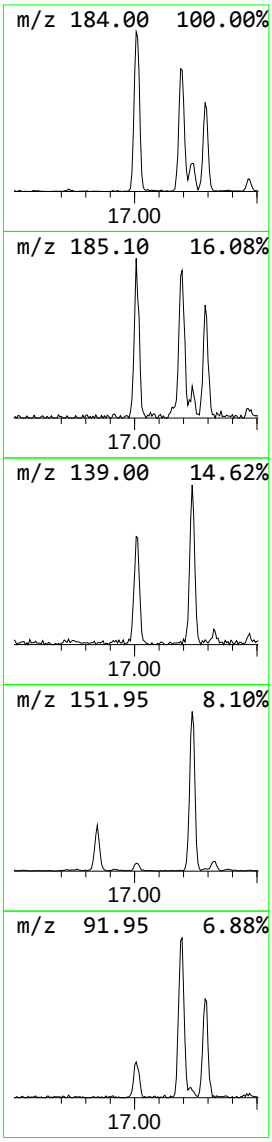
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.006	3.45 ng/ul	407514	Phenanthrene-d10	17.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95





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Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

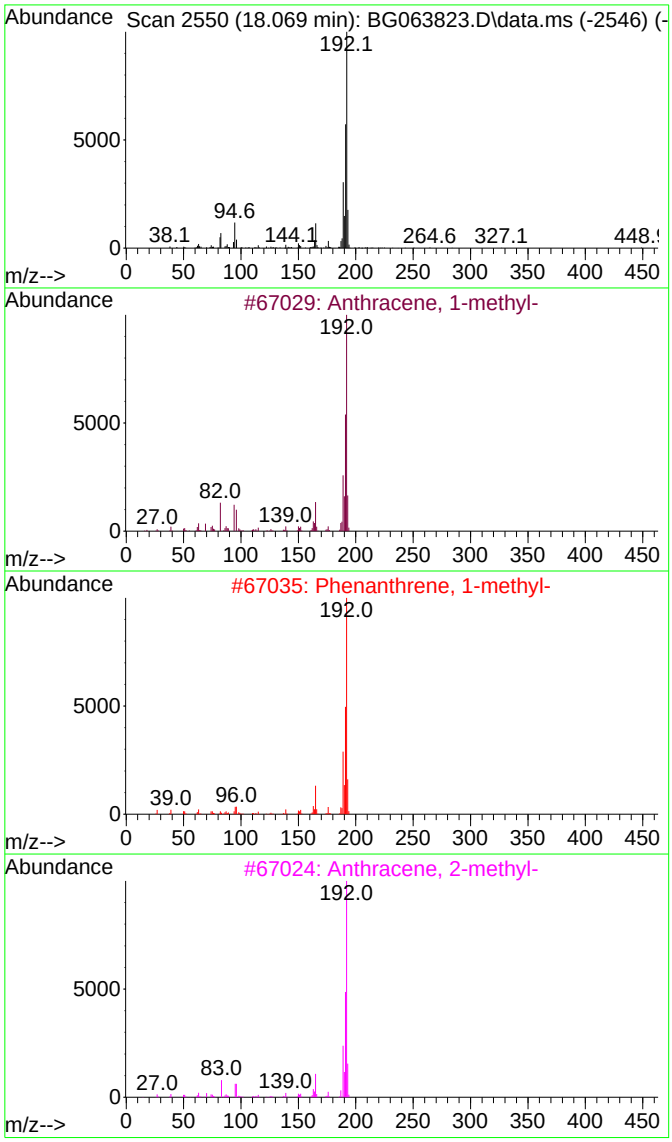
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

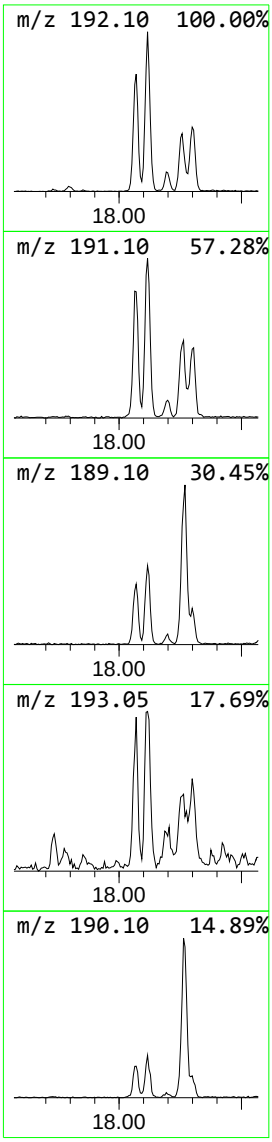
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	4.85 ng/ul	572733	Phenanthrene-d10	17.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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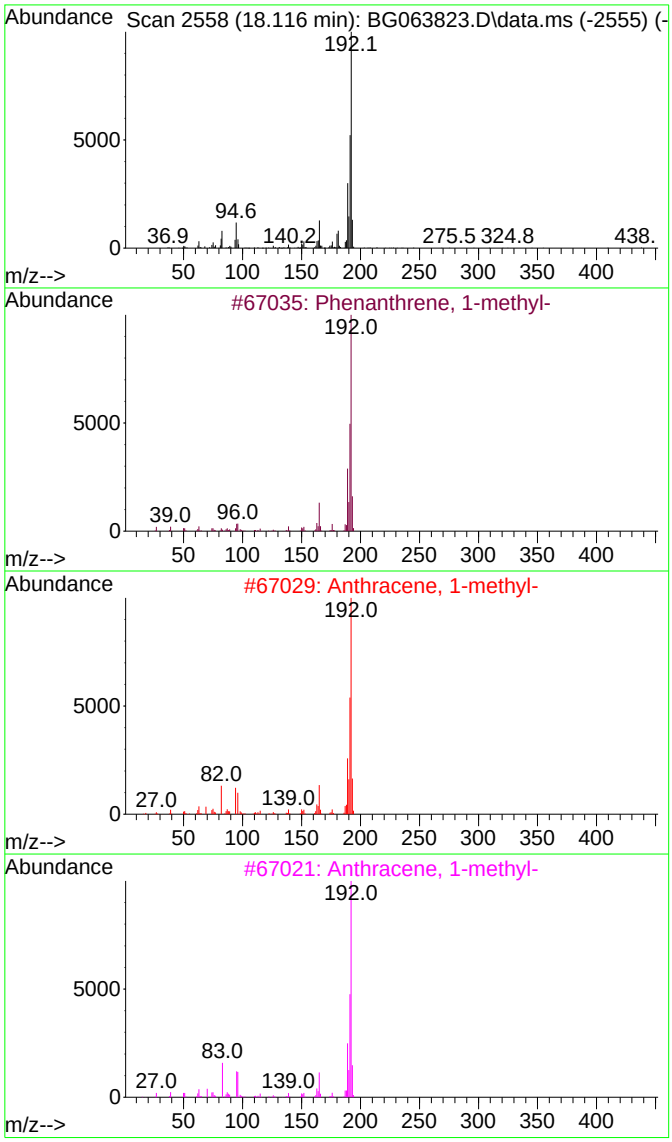
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

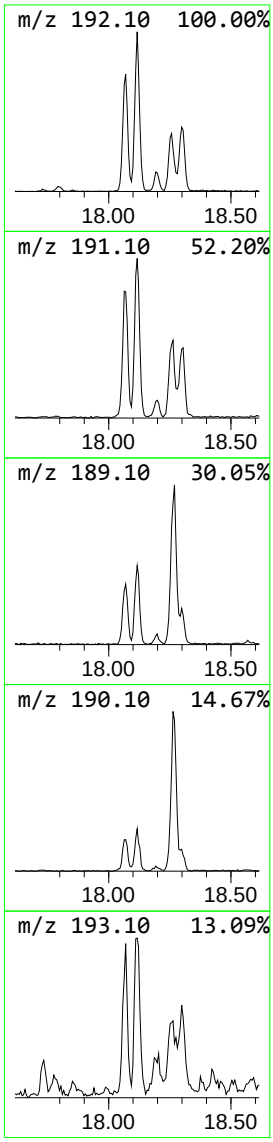
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	6.67 ng/ul	787470	Phenanthrene-d10	17.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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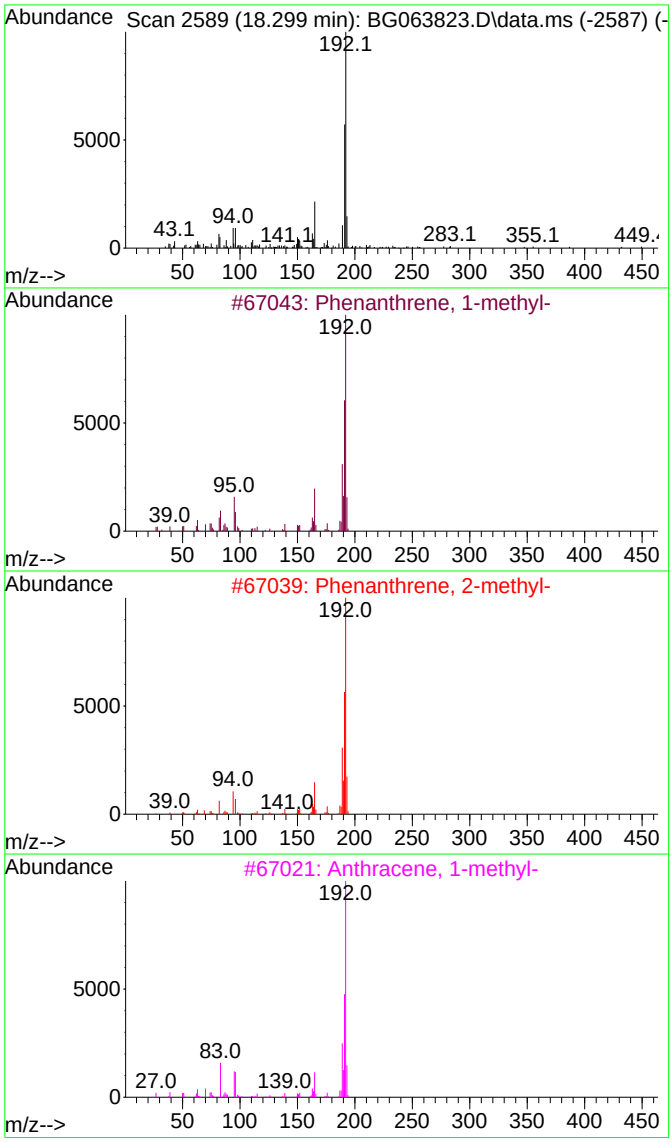
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

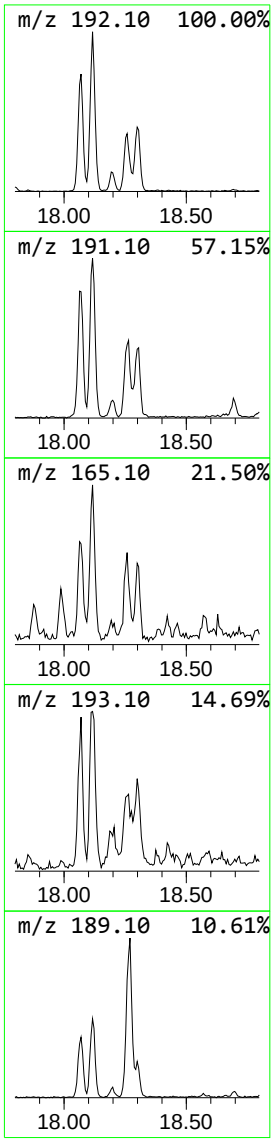
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.299	2.27 ng/ul	268163	Phenanthrene-d10	17.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	83





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Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

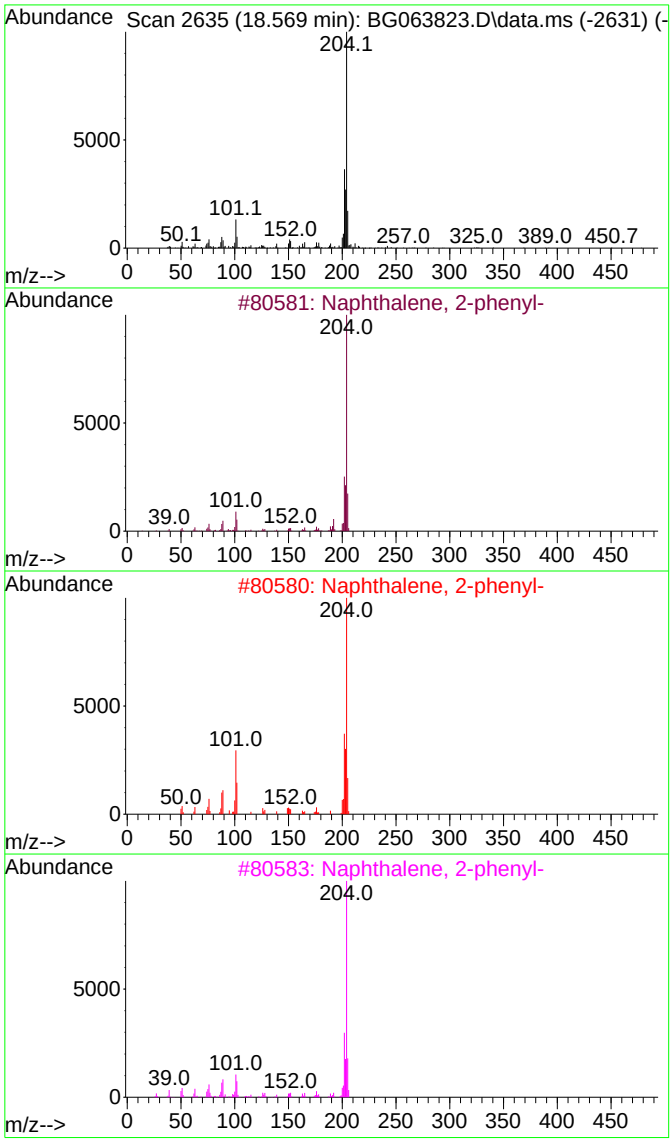
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

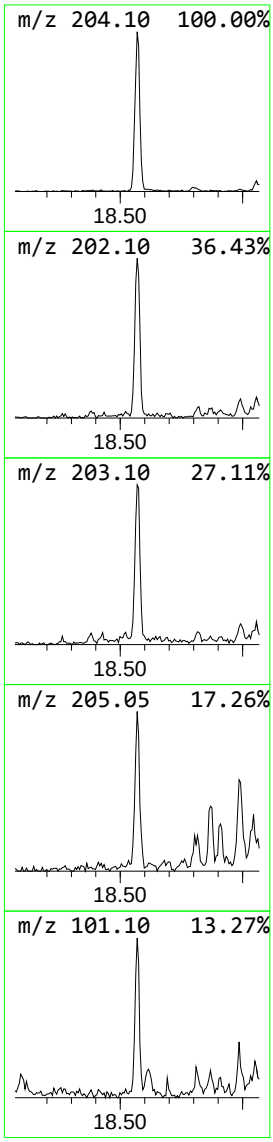
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	3.67 ng/ul	433499	Phenanthrene-d10	17.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70





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Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

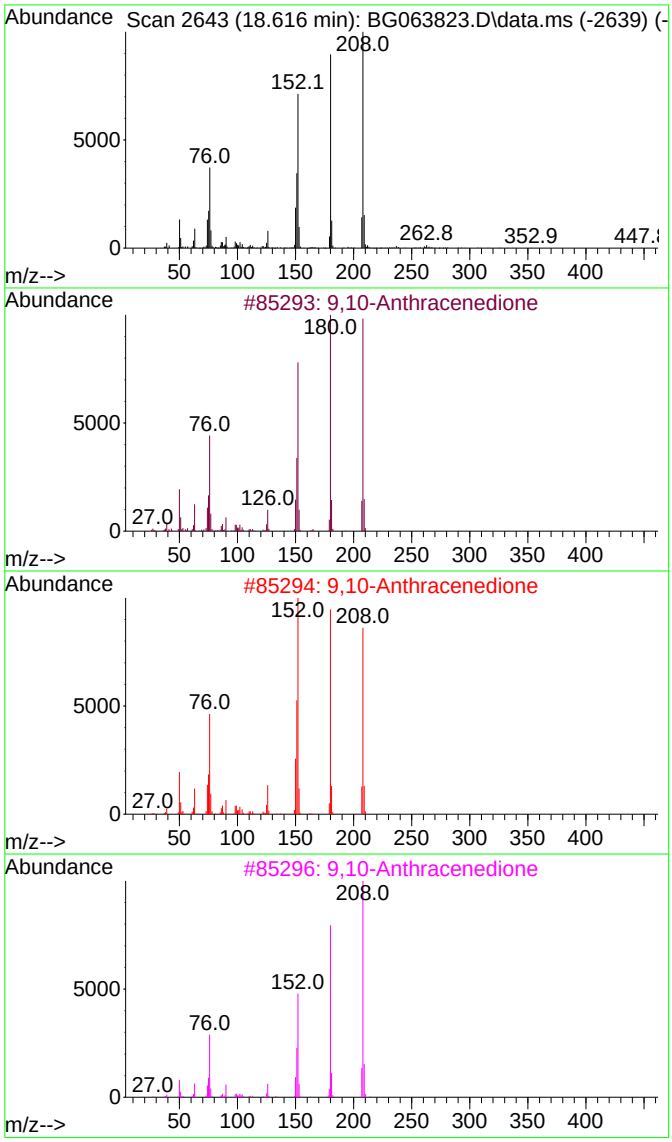
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

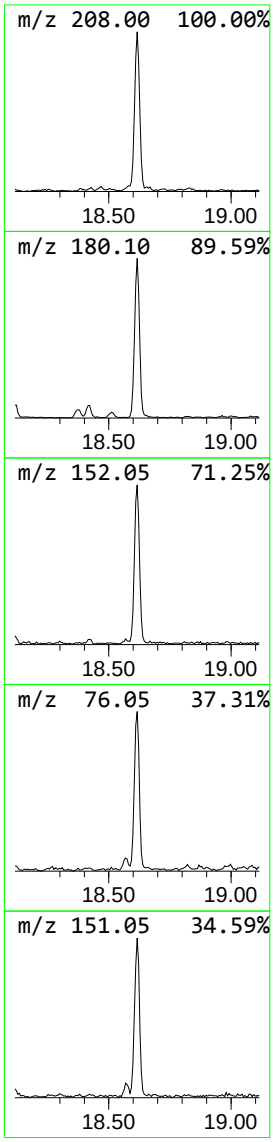
****

Peak Number 19 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	8.99 ng/ul	1061290	Phenanthrene-d10	17.194

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	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78





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Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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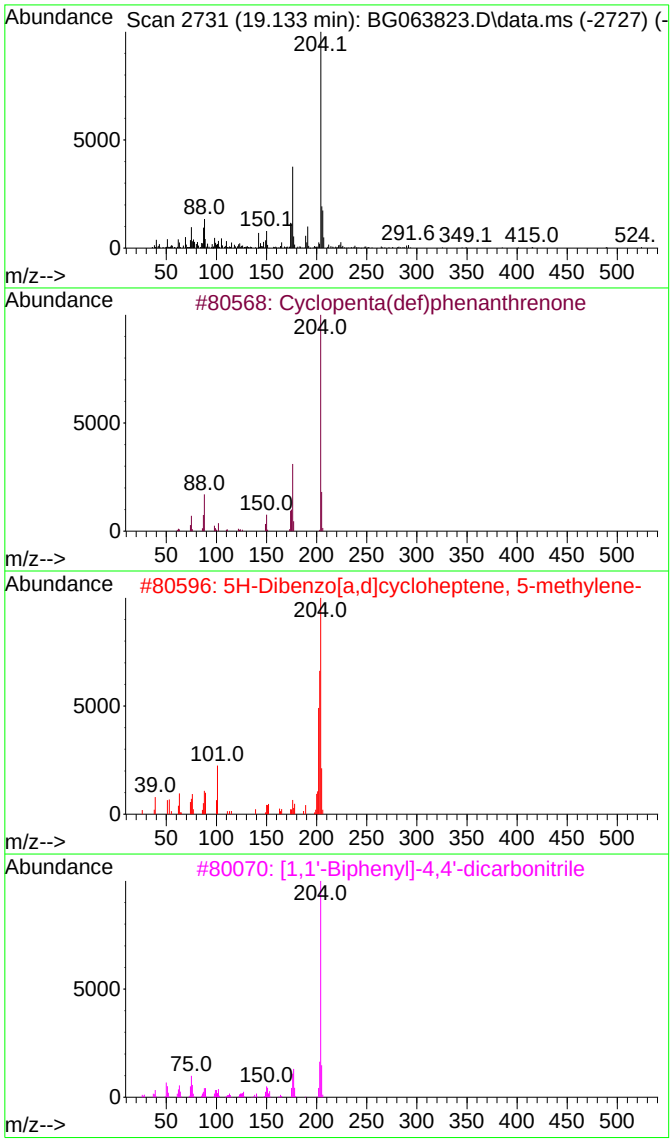
Quant Title : SVOA CALIBRATION

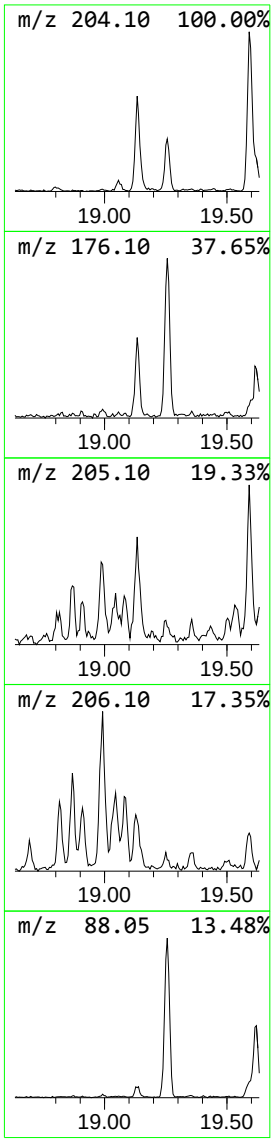
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.133	3.98 ng/ul	469839	Phenanthrene-d10	17.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	47





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ClientSampleId :
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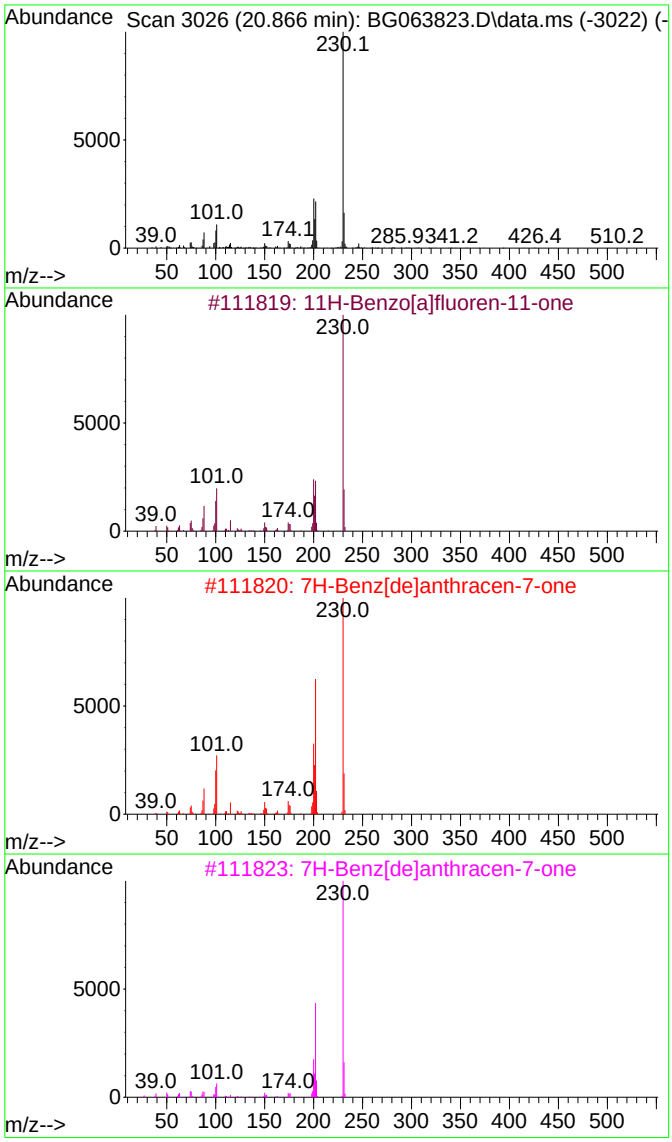
Quant Title : SVOA CALIBRATION

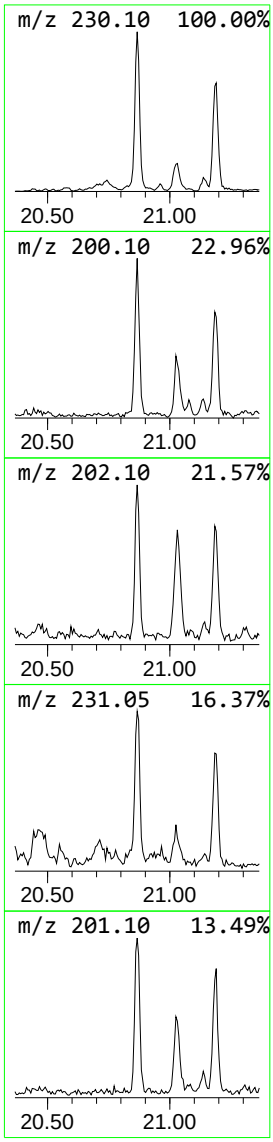
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.866	2.45 ng/ul	639911	Chrysene-d12	21.442

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	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	89





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Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

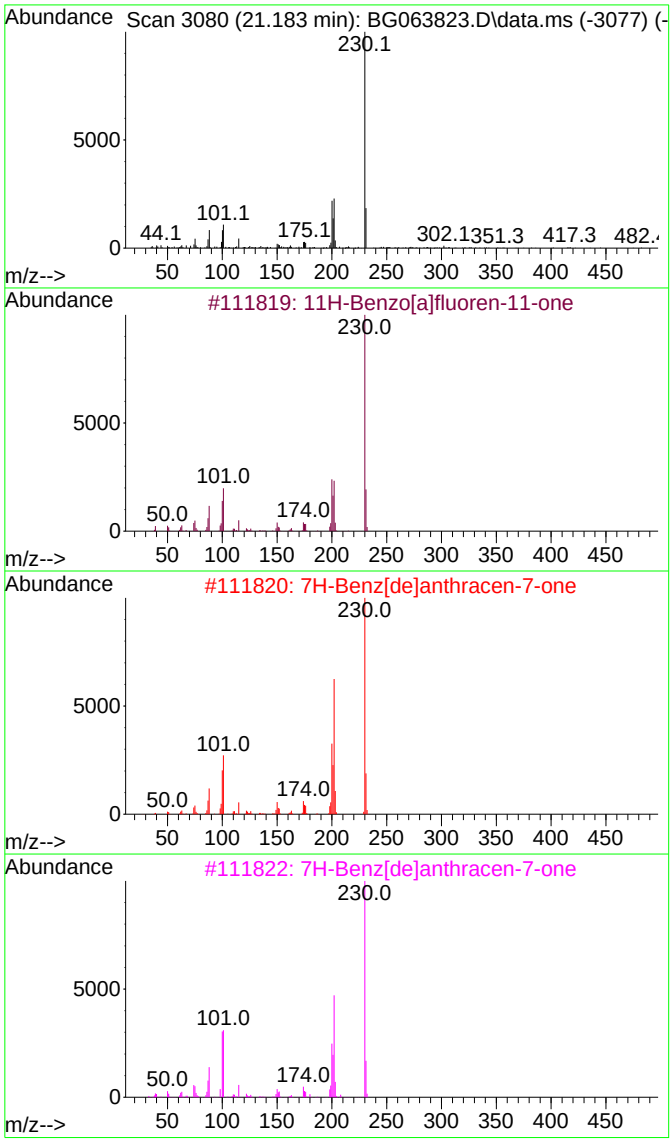
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

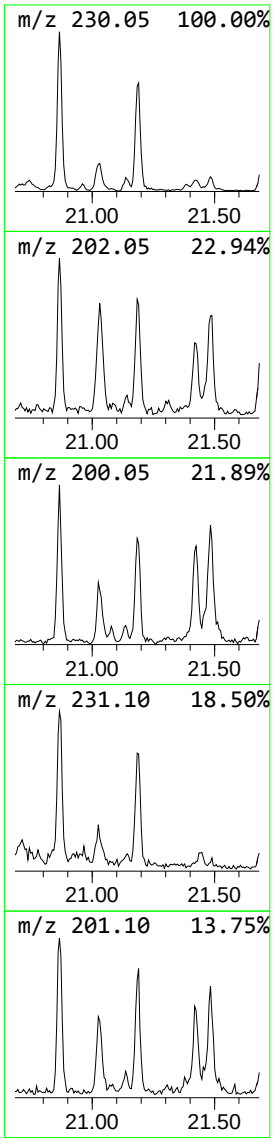
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 7H-Benz[de]anthracen-7-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.183	2.06 ng/ul	538913	Chrysene-d12	21.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2906

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.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
3-Heptanone, 5-...	6.471	11.6	ng/ul	427198	1	7.799	735955	20.0
Benzene, 1-ethy...	6.888	7.5	ng/ul	277046	1	7.799	735955	20.0
Benzene, 1-ethy...	7.188	7.1	ng/ul	259731	1	7.799	735955	20.0
Benzene, 1,2,3-...	7.447	17.1	ng/ul	630978	1	7.799	735955	20.0
Benzene, 1-ethy...	8.434	4.2	ng/ul	154702	1	7.799	735955	20.0
Benzophenone	15.796	5.6	ng/ul	503257	3	14.438	1789370	20.0
9H-Fluoren-9-one	16.847	4.8	ng/ul	562347	4	17.194	2359820	20.0
Dibenzothiophene	17.006	3.5	ng/ul	407514	4	17.194	2359820	20.0
Anthracene, 1-m...	18.069	4.8	ng/ul	572733	4	17.194	2359820	20.0
Phenanthrene, 1...	18.116	6.7	ng/ul	787470	4	17.194	2359820	20.0
Phenanthrene, 2...	18.299	2.3	ng/ul	268163	4	17.194	2359820	20.0
Naphthalene, 2-...	18.569	3.7	ng/ul	433499	4	17.194	2359820	20.0
9,10-Anthracene...	18.616	9.0	ng/ul	1061290	4	17.194	2359820	20.0
Cyclopenta(def)...	19.133	4.0	ng/ul	469839	4	17.194	2359820	20.0
11H-Benzo[a]flu...	20.866	2.5	ng/ul	639911	5	21.442	5232450	20.0
7H-Benz[de]anth...	21.183	2.1	ng/ul	538913	5	21.442	5232450	20.0