LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBY7

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-BG052124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061506.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.093	10	18	45	rVB	611209	2088983	100.00%	10.962%
2	3.875	147	151	161	rVB3	7362	16252	0.78%	0.085%
3	4.991	335	341	347	rBV2	8543	16583	0.79%	0.087%
4	7.071	689	695	706	rVB	77092	147146	7.04%	0.772%
5	7.212	712	719	726	rBV	53402	92479	4.43%	0.485%
6	7.418	748	754	761	rBV	90630	157323	7.53%	0.826%
7	7.876	825	832	839	rBB	97794	169842	8.13%	0.891%
8	8.599	947	955	965	rBV	104056	185178	8.86%	0.972%
9	8.698	965	972	978	rVV2	12829	21374	1.02%	0.112%
10	9.033	1021	1029	1036	rBV	95617	165575	7.93%	0.869%
11	9.756	1144	1152	1161	rVB	86974	148267	7.10%	0.778%
12	10.308	1239	1246	1254	rBV	112888	205304	9.83%	1.077%
13	10.673	1296	1308	1313	rBV	122058	221276	10.59%	1.161%
14	10.808	1325	1331	1342	rVV2	51735	99138	4.75%	0.520%
15	13.916	1850	1860	1866	rBV	218544	302559	14.48%	1.588%
16	14.204	1896	1909	1923	rBV	222717	360355	17.25%	1.891%
17	14.509	1952	1961	1967	rBV	186450	287453	13.76%	1.508%
18	14.574	1967	1972	1980	rVB2	14662	23556	1.13%	0.124%
19	14.727	1990	1998	2001	rBV6	9926	23830	1.14%	0.125%
20	14.768	2001	2005	2018	rVV3	35265	74145	3.55%	0.389%
21	14.915	2026	2030	2034	rVV	10215	15334	0.73%	0.080%
22	15.508	2122	2131	2137	rVV	293154	431791	20.67%	2.266%
23	15.561	2137	2140	2144	rVV2	12971	18769	0.90%	0.098%
24	15.655	2151	2156	2165	rBV	74466	118025	5.65%	0.619%
25	16.243	2249	2256	2261	rBV5	12462	24999	1.20%	0.131%
26	16.918	2365	2371	2378	rBV3	19843	28876	1.38%	0.152%
27	17.083	2395	2399	2407	rVB	13094	21352	1.02%	0.112%
28	17.171	2407	2414	2421	rBV6	8277	13594	0.65%	0.071%
29	17.265	2423	2430	2433	rBV	230426	356885	17.08%	1.873%
30	17.306	2433	2437	2442	rVB	244919	329412	15.77%	1.729%
31	17.365	2442	2447	2451	rBV2	301270	453817	21.72%	2.381%
32	17.459	2457	2463	2467	rBV5	10114	18683	0.89%	0.098%
33	17.670	2495	2499	2505	rVB	21924	30791	1.47%	0.162%
34	17.847	2524	2529	2536	rVB3	18750	31084	1.49%	0.163%
35	18.164	2569	2583	2585	rBV3	100396	219071	10.49%	1.150%
36	18.334	2606	2612	2616	rBV3	80230	143223	6.86%	0.752%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

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-BG052124.MA.M
Title : SVOA CALIBRATION

37	18.369	2616	2618	2624	rVB	41641	58989	2.82%	0.310%
38	18.452	2626	2632	2635	rBV5	14123	22675	1.09%	0.119%
39	18.534	2642	2646	2651	rVB6	11676	19022	0.91%	0.100%
40	18.640	2659	2664	2668	rBV	42786	60096	2.88%	0.315%
41	18.687	2668	2672	2677	rVB2	57973	85412	4.09%	0.448%
42	18.887	2702	2706	2709	rVV2	19770	24803	1.19%	0.130%
43	18.939	2712	2715	2719	rVV	22314	30060	1.44%	0.158%
44	18.981	2719	2722	2724	rVB3	15943	17289	0.83%	0.091%
45	19.057	2730	2735	2742	rBV2	51954	111391	5.33%	0.585%
46	19.151	2749	2751	2755	rVB2	17110	16183	0.77%	0.085%
47	19.204	2755	2760	2767	rBV3	43670	89018	4.26%	0.467%
48	19.321	2773	2780	2786	rVB	809825	1149353	55.02%	6.031%
49	19.386	2786	2791	2794	rBV2	18566	24335	1.16%	0.128%
50	19.439	2794	2800	2810	rBV3	103936	193643	9.27%	1.016%
51	19.521	2811	2814	2817	rVV4	15484	21886	1.05%	0.115%
52	19.562	2819	2821	2825	rVB2	16625	21249	1.02%	0.111%
53	19.656	2831	2837	2839	rBV2	474684	659254	31.56%	3.459%
54	19.686	2839	2842	2850	rVV	590553	877299	42.00%	4.603%
55	19.762	2850	2855	2860	rVB2	44381	72629	3.48%	0.381%
56	19.862	2866	2872	2879	rBV	35216	67567	3.23%	0.355%
57	19.921	2879	2882	2890	rVB3	25668	38412	1.84%	0.202%
58	20.009	2891	2897	2898	rBV3	53252	85724	4.10%	0.450%
59	20.144	2915	2920	2922	rVV3	43013	73275	3.51%	0.384%
60	20.179	2922	2926	2931	rVB	109175	178249	8.53%	0.935%
61	20.279	2939	2943	2947	rBV	71883	91219	4.37%	0.479%
62	20.338	2947	2953	2957	rVV2	73740	123623	5.92%	0.649%
63	20.373	2957	2959	2963	rVB2	30832	37123	1.78%	0.195%
64	20.414	2964	2966	2972	rVB5	14097	19120	0.92%	0.100%
65	20.479	2973	2977	2980	rVV	47588	62205	2.98%	0.326%
66	20.526	2980	2985	2989	rVV2	51365	80745	3.87%	0.424%
67	20.573	2989	2993	2997	rVB2	36495	51168	2.45%	0.268%
68	20.684	3010	3012	3016	rVB5	16722	17558	0.84%	0.092%
69	20.731	3018	3020	3023	rVV4	12871	13905	0.67%	0.073%
70	20.896	3044	3048	3051	rBV5	16400	30988	1.48%	0.163%
71	20.937	3051	3055	3062	rVB	86769	128017	6.13%	0.672%
72	21.113	3080	3085	3088	rBV3	66870	109356	5.23%	0.574%
73	21.149	3088	3091	3094	rVV	61170	81943	3.92%	0.430%
74	21.196	3094	3099	3105	rVV3	87485	208767	9.99%	1.095%
75	21.266	3107	3111	3117	rVB	75134	123426	5.91%	0.648%
76	21.407	3131	3135	3140	rVB	119531	165452	7.92%	0.868%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

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-BG052124.MA.M
Title : SVOA CALIBRATION

77	21.507	3146	3152	3158	rBV3	468745	1166286	55.83%	6.120%
78	21.566	3158	3162	3173	rVB	425795	704484	33.72%	3.697%
79	21.713	3183	3187	3194	rVB3	60589	98860	4.73%	0.519%
80	21.783	3194	3199	3203	rBV4	34654	64310	3.08%	0.337%
81	21.912	3216	3221	3228	rBV3	30716	71039	3.40%	0.373%
82	21.983	3229	3233	3238	rVV8	22060	36934	1.77%	0.194%
83	22.224	3271	3274	3280	rVB	63466	103340	4.95%	0.542%
84	22.294	3280	3286	3295	rBV4	64007	147274	7.05%	0.773%
85	22.488	3314	3319	3323	rBV2	46586	90389	4.33%	0.474%
86	22.882	3382	3386	3391	rBV5	17385	40299	1.93%	0.211%
87	22.946	3391	3397	3406	rVB8	38864	108250	5.18%	0.568%
88	23.281	3447	3454	3462	rBV3	122741	253476	12.13%	1.330%
89	23.640	3506	3515	3522	rBV	349291	1060640	50.77%	5.566%
90	23.798	3535	3542	3550	rBV8	60060	189218	9.06%	0.993%
91	24.086	3585	3591	3596	rBV9	16587	49533	2.37%	0.260%
92	24.327	3626	3632	3638	rBV	77718	189655	9.08%	0.995%
93	24.404	3639	3645	3651	rVV2	152976	389832	18.66%	2.046%
94	24.474	3651	3657	3669	rVB	165588	460733	22.06%	2.418%
95	24.615	3670	3681	3689	rBV	193181	547845	26.23%	2.875%
96	25.103	3759	3764	3765	rBV5	23566	32757	1.57%	0.172%
97	25.684	3855	3863	3872	rVB3	69506	201290	9.64%	1.056%
98	28.135	4268	4280	4297	rVB3	97017	460144	22.03%	2.415%
99	28.522	4336	4346	4348	rBV6	28580	77095	3.69%	0.405%
100	28.998	4421	4427	4436	rVB6	34840	108971	5.22%	0.572%

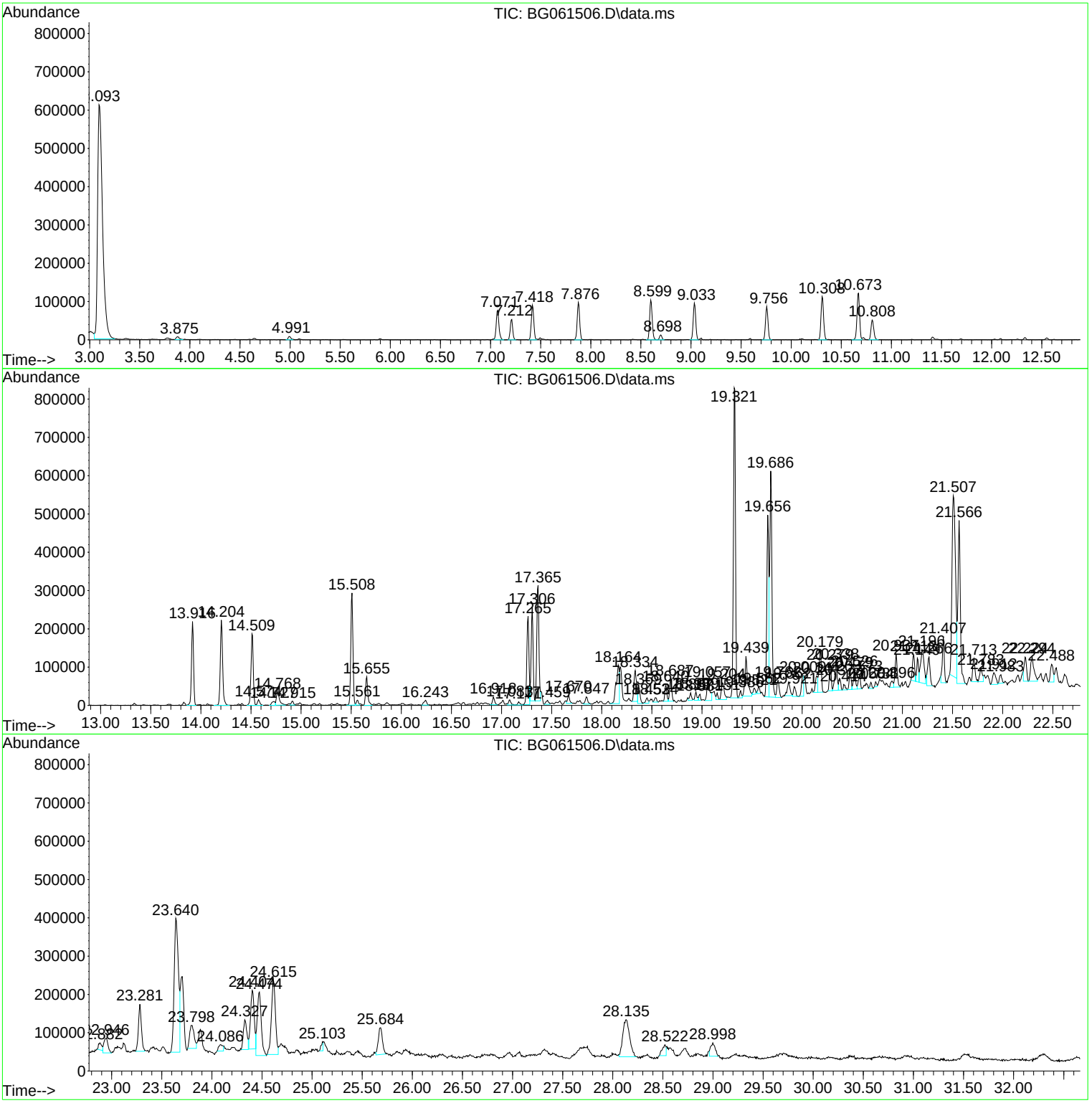
Sum of corrected areas: 19057406

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

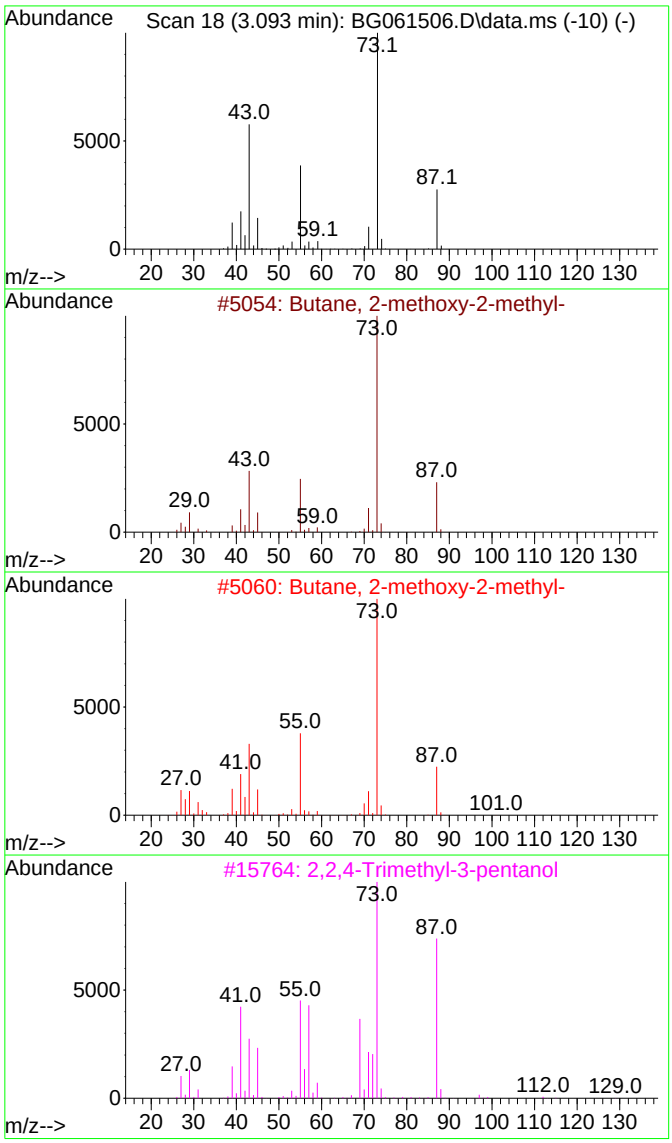
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

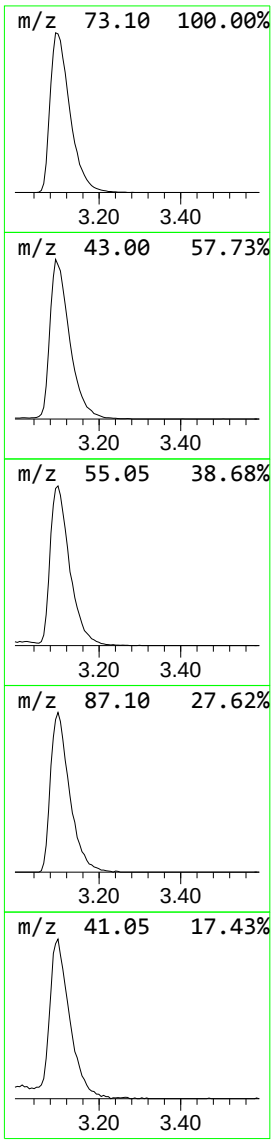
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	245.99 ng/ul	2088980	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

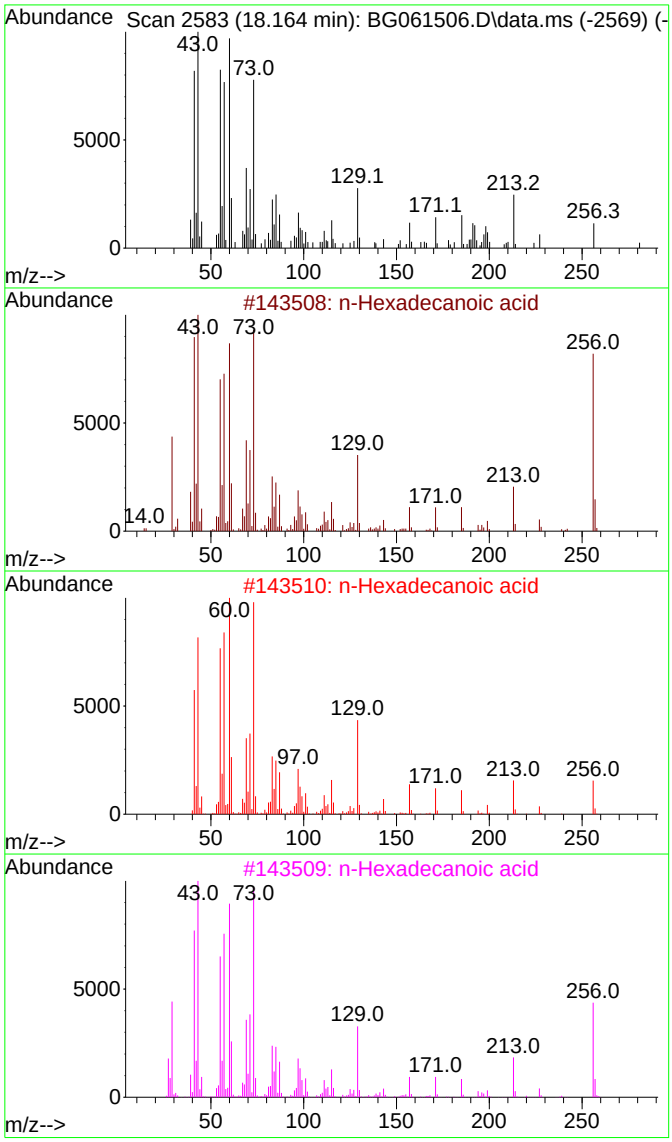
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

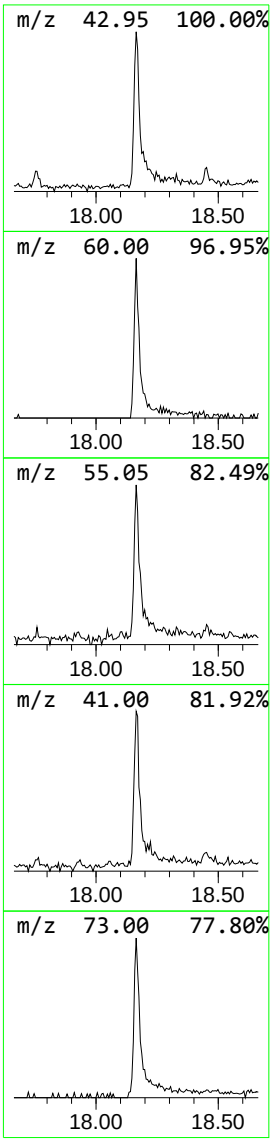
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.164	12.28 ng/ul	219071	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

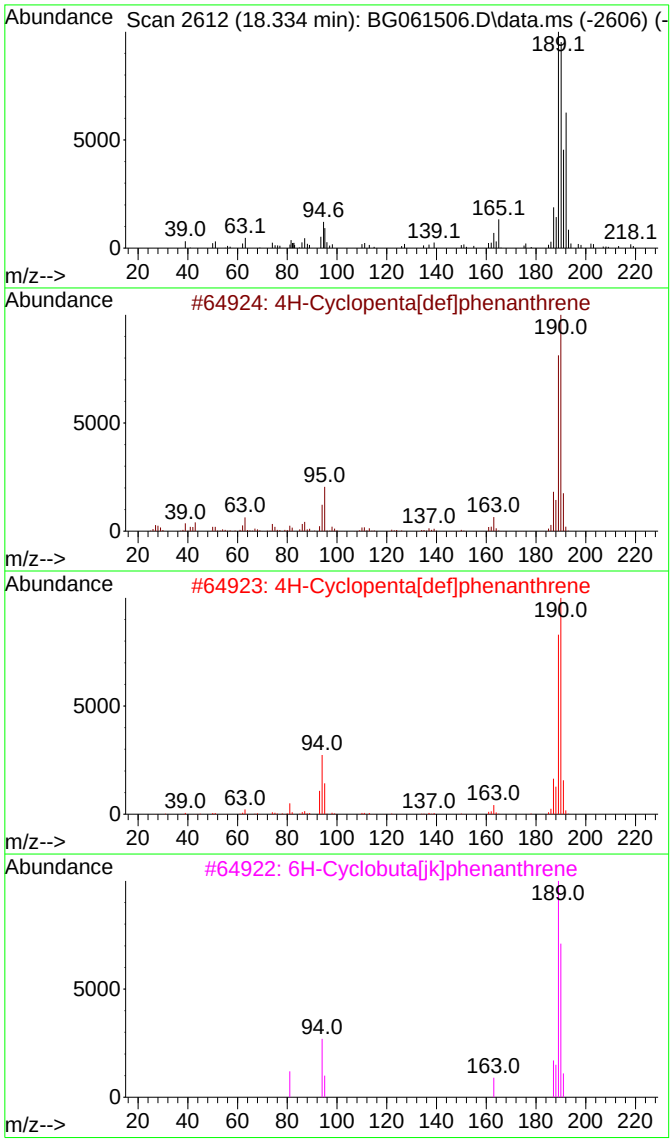
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

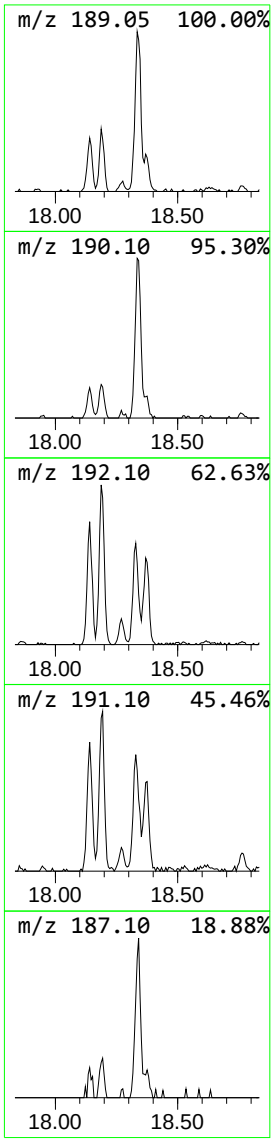
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	8.03 ng/ul	143223	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

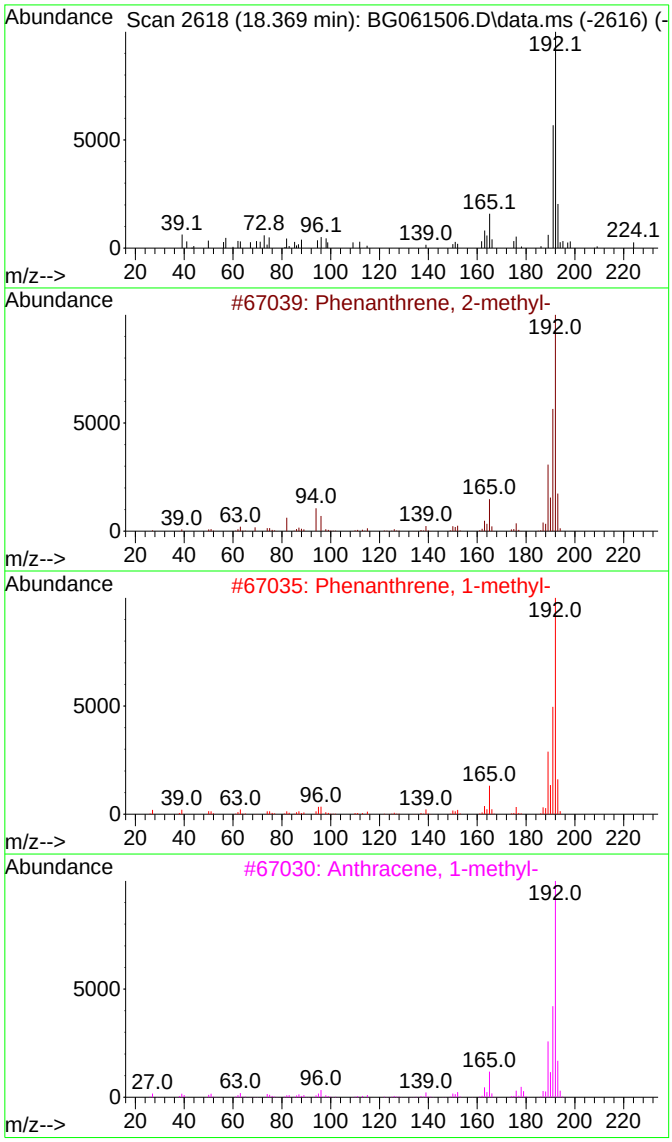
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

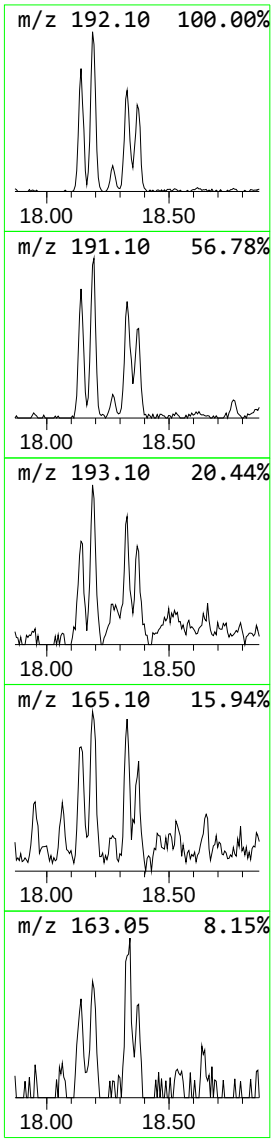
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	3.31 ng/ul	58989	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

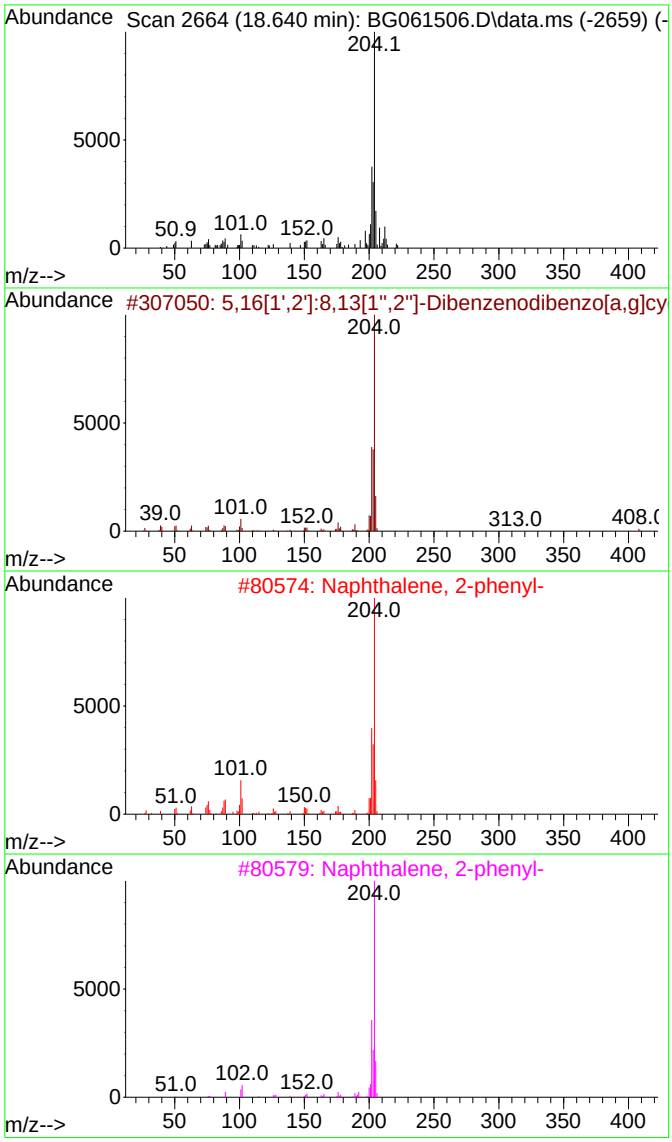
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

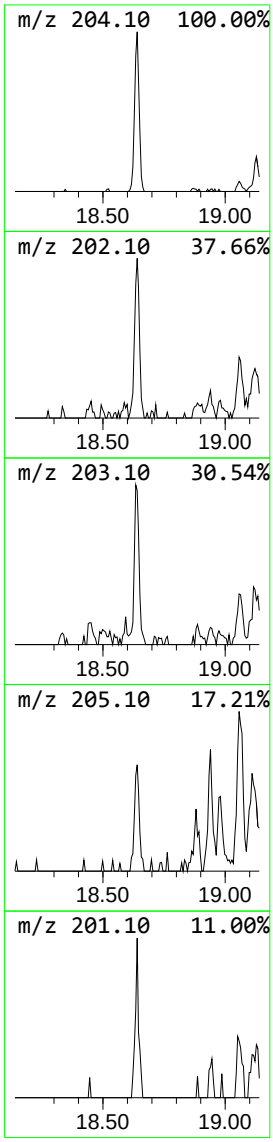
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.640	3.37 ng/ul	60096	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64





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Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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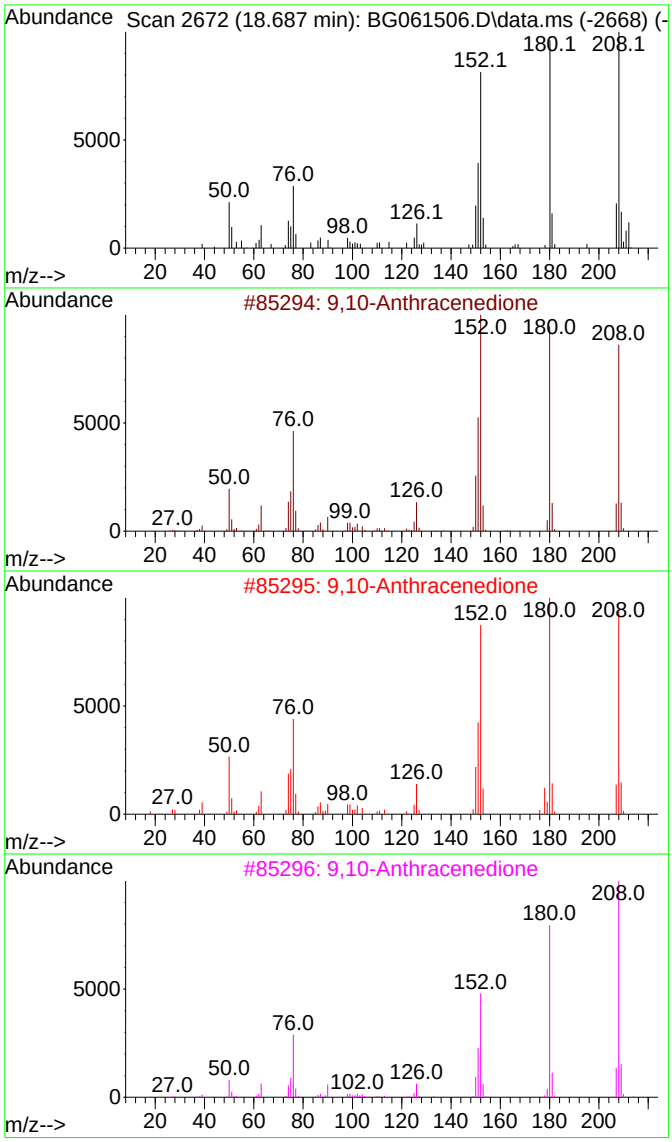
Quant Title : SVOA CALIBRATION

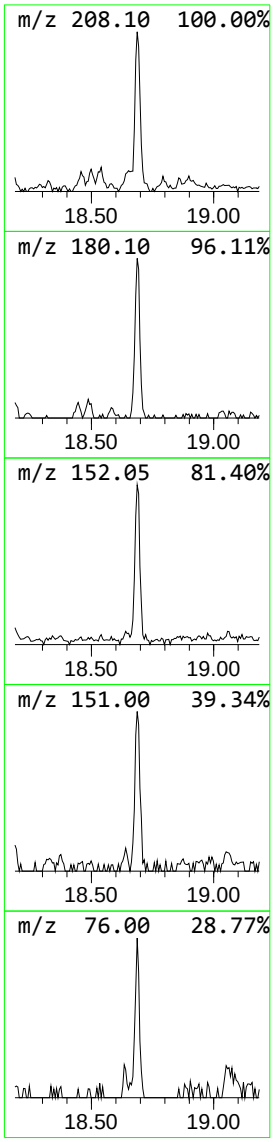
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	4.79 ng/ul	85412	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	90





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Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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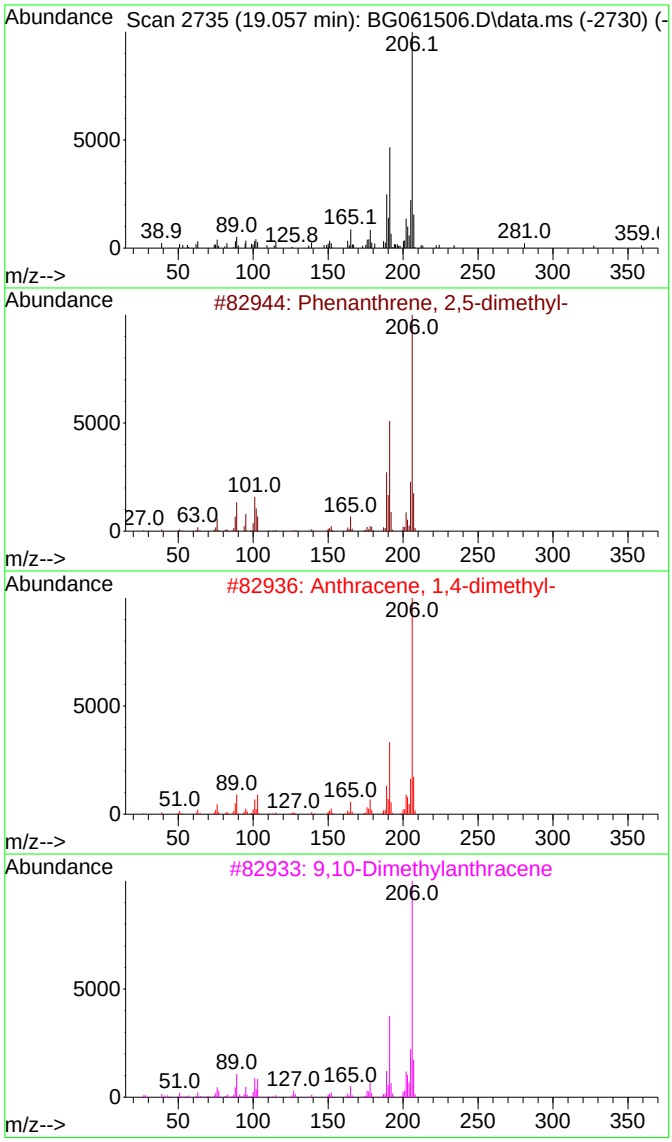
Quant Title : SVOA CALIBRATION

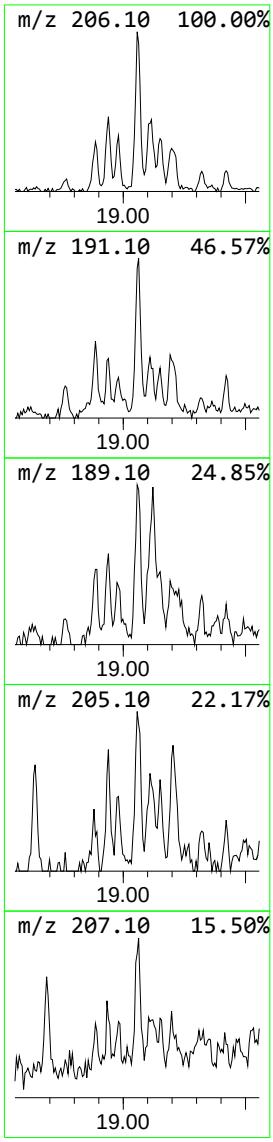
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	6.24 ng/ul	111391	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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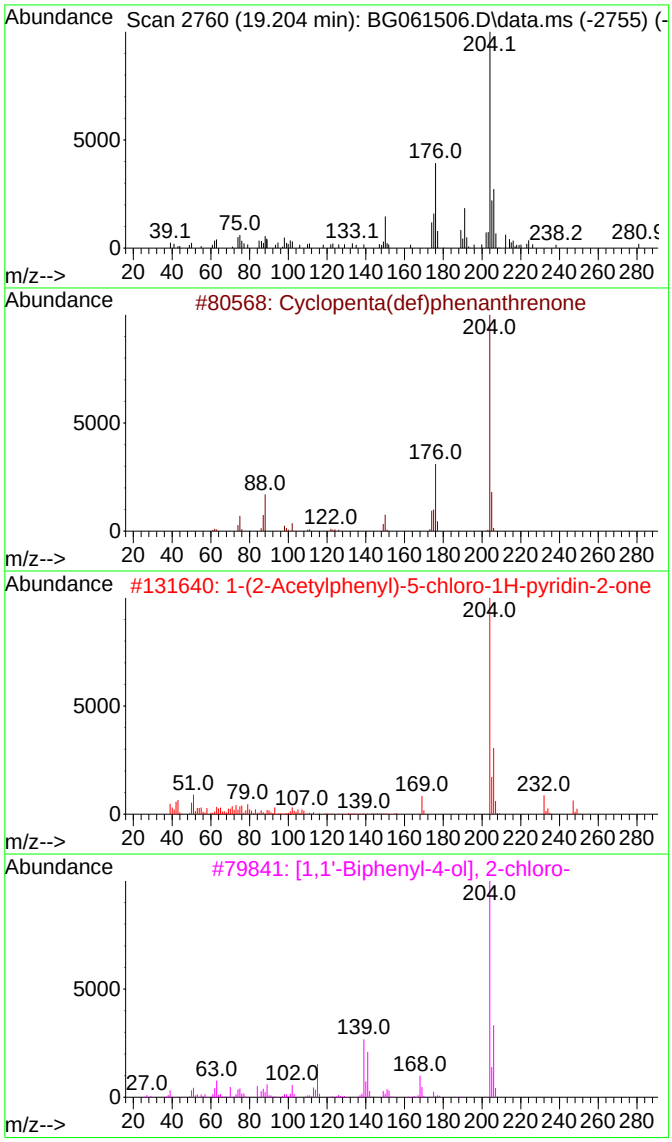
Quant Title : SVOA CALIBRATION

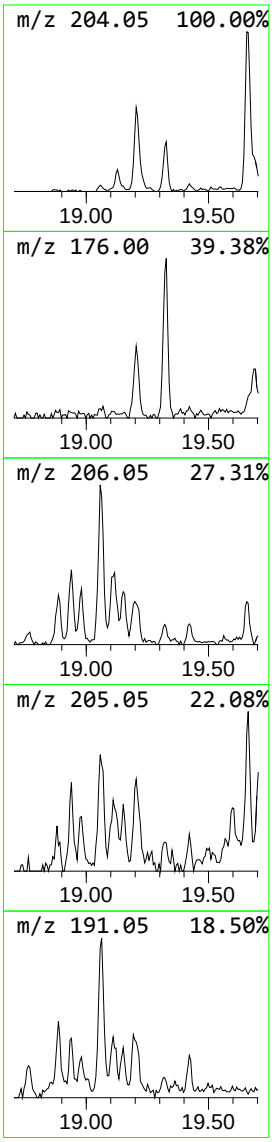
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	4.99 ng/ul	89018	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	62
2	1-(2-Acetylphenyl)-5-chloro-1H-p...	247	C13H10ClNO2	1000306-71-0	47
3	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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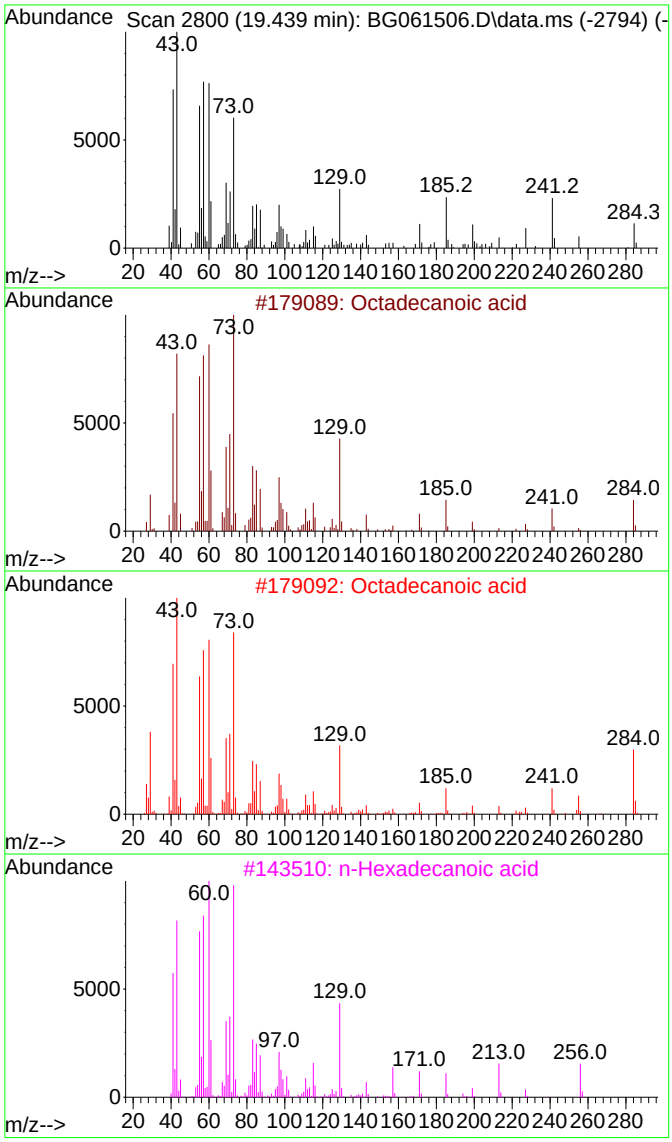
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

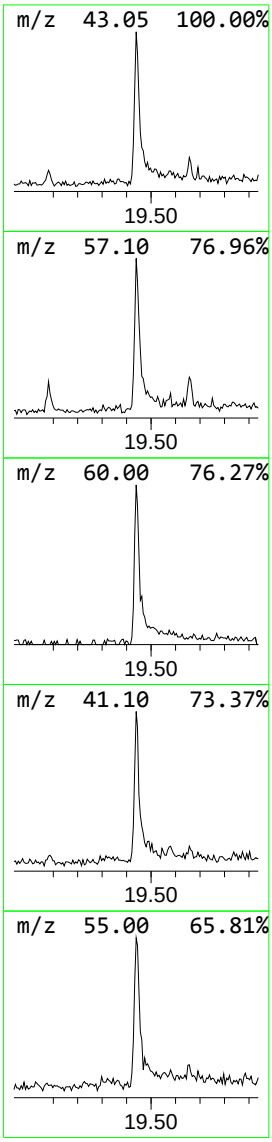
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	3.32 ng/ul	193643	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Octadecanoic acid	284	C18H36O2	000057-11-4	50





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Instrument :
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ClientSampleId :
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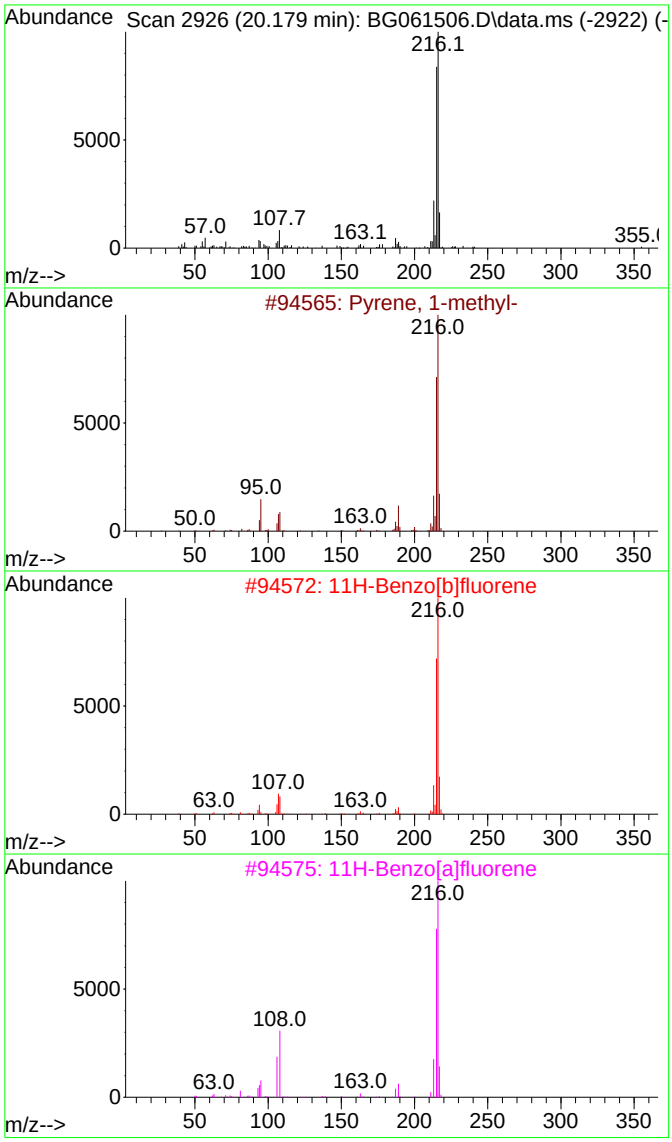
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

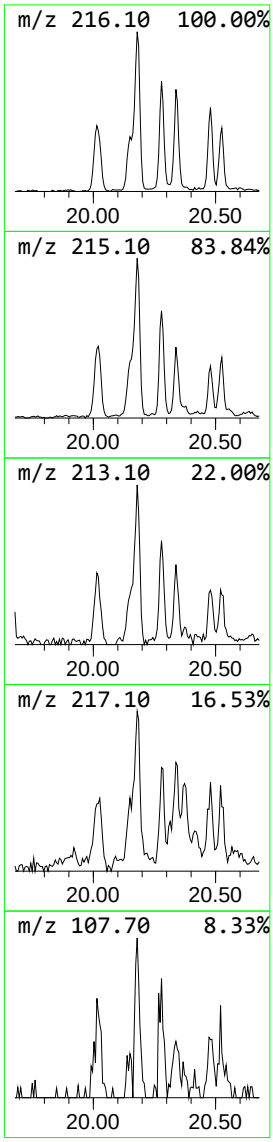
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.179	3.06 ng/ul	178249	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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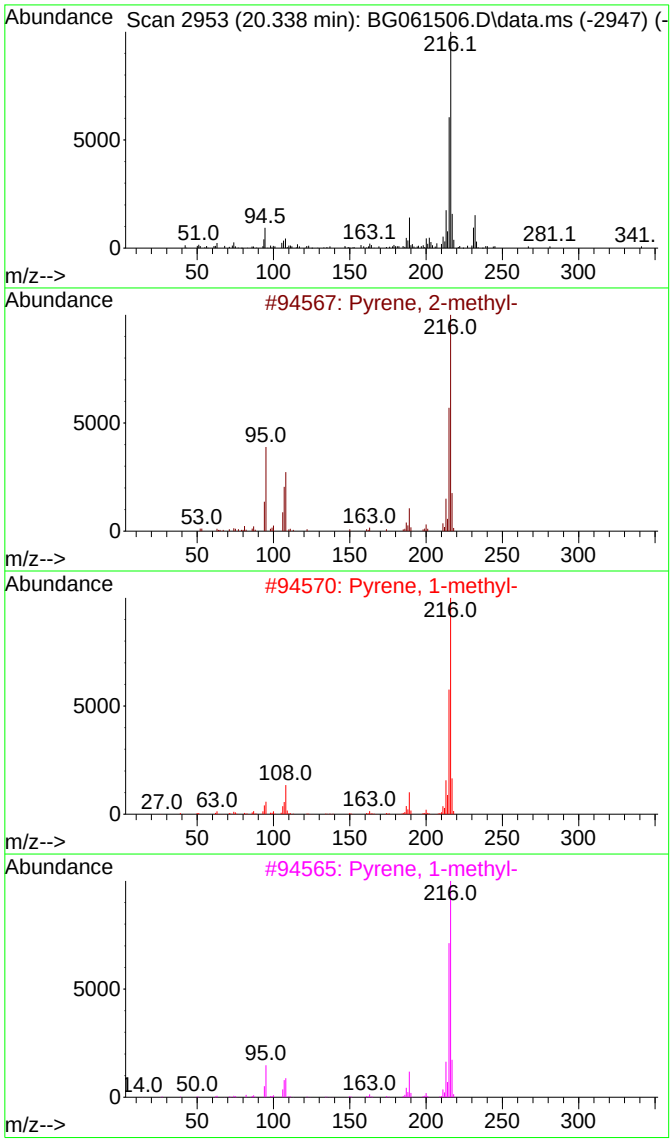
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

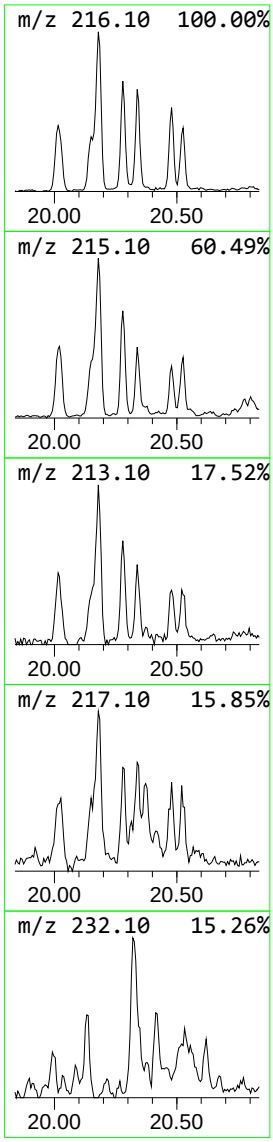
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.338	2.12 ng/ul	123623	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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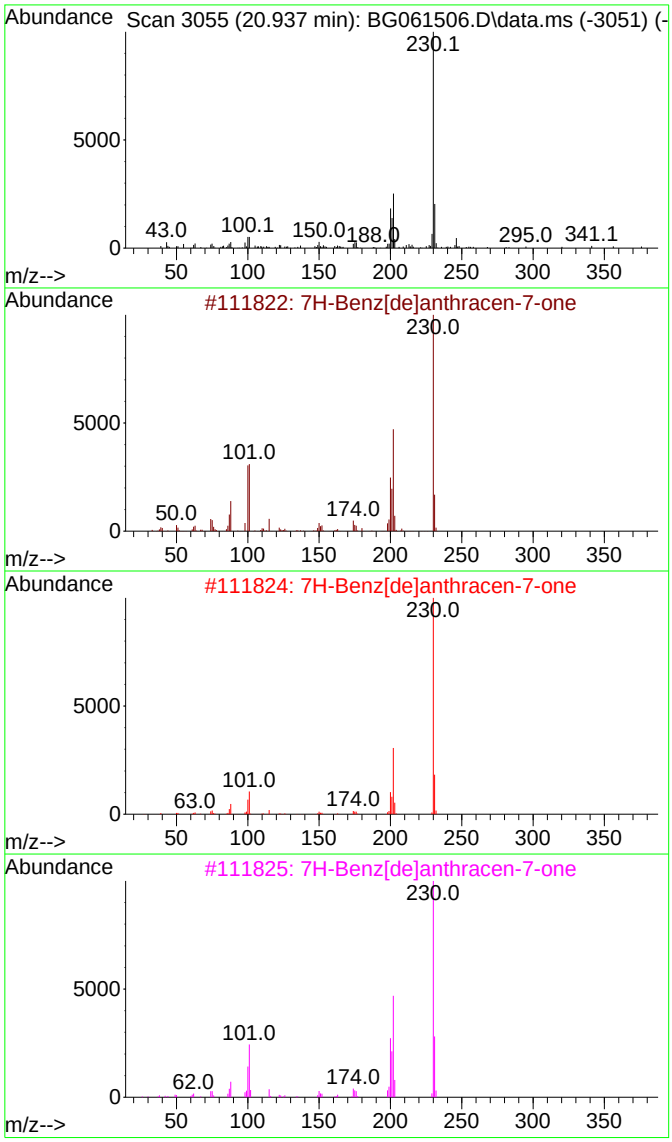
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

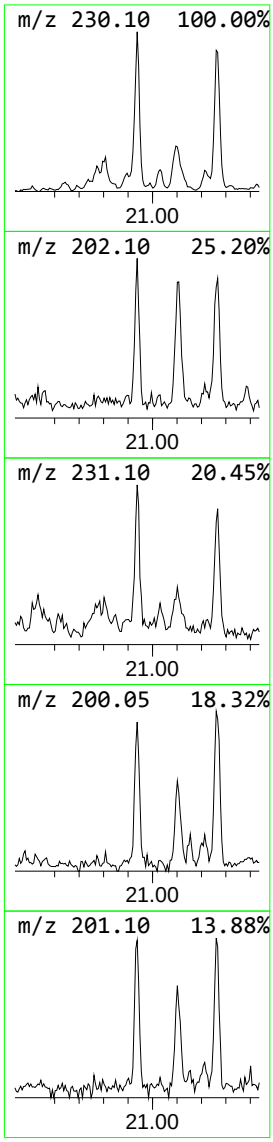
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.937	2.20 ng/ul	128017	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	80





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Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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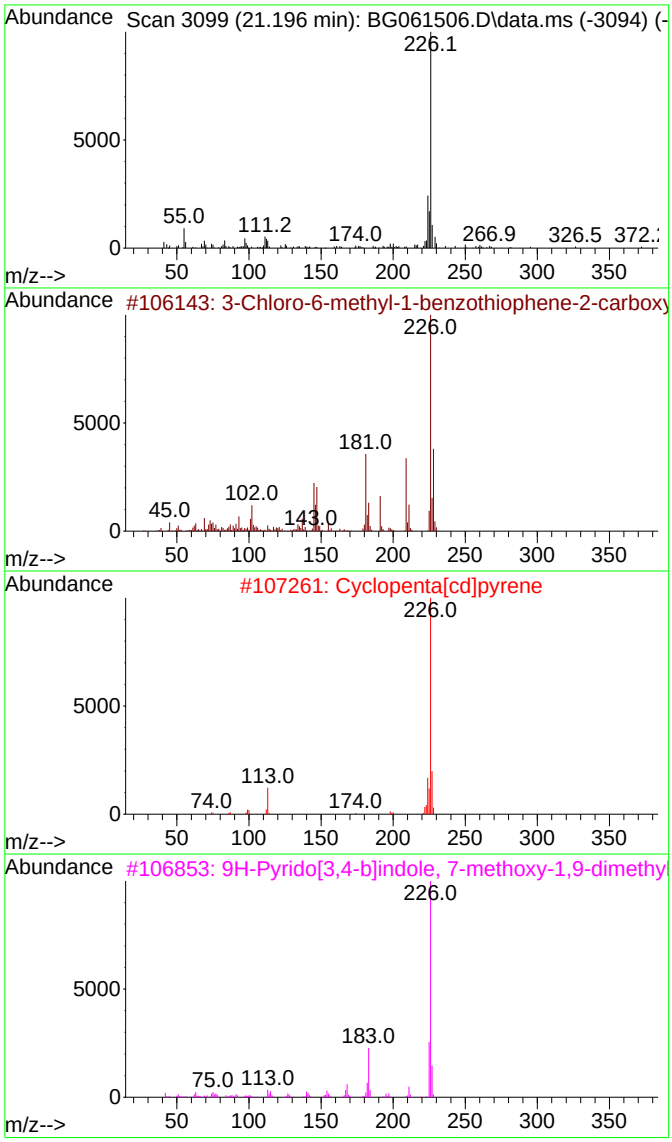
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

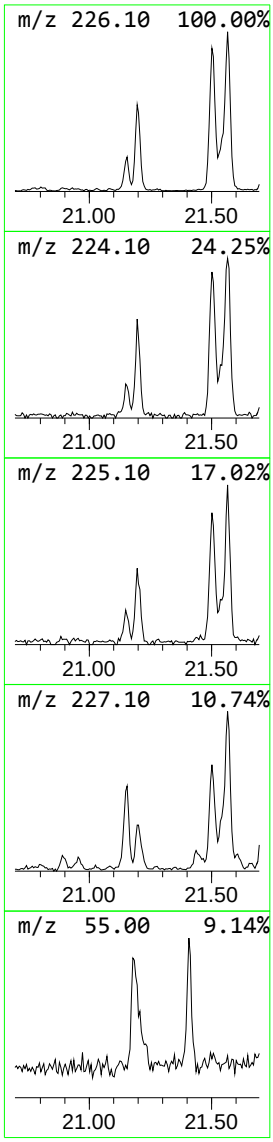
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3-Chloro-6-methyl-1-benzoth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.196	3.58 ng/ul	208767	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	53
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	52
3	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	42
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	42
5	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	42





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Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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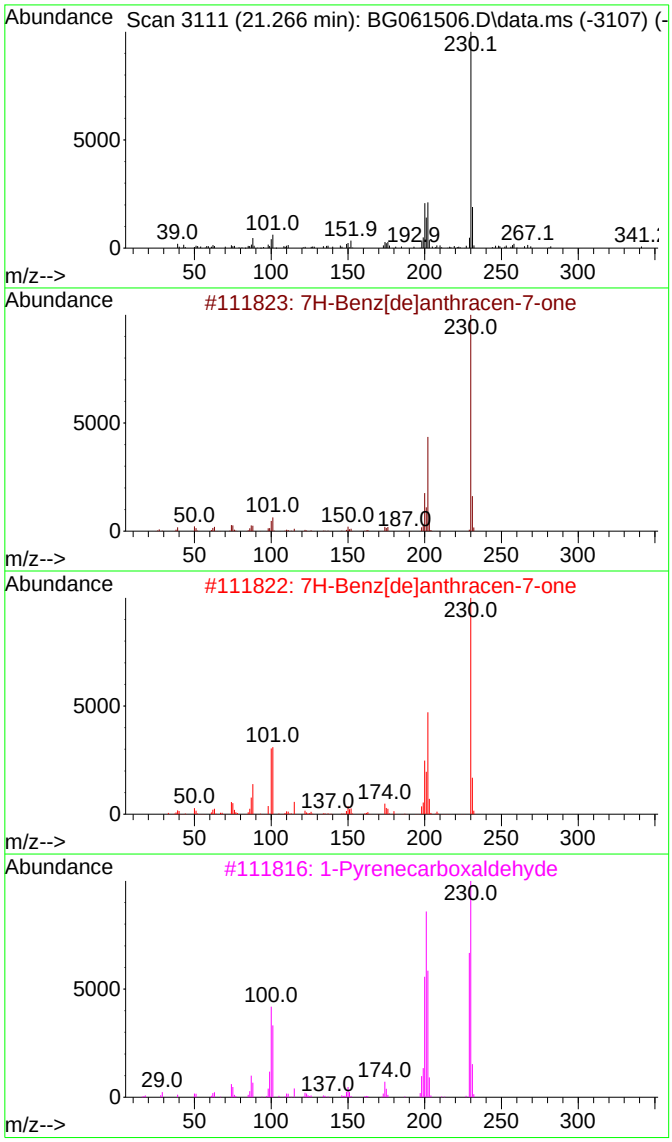
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

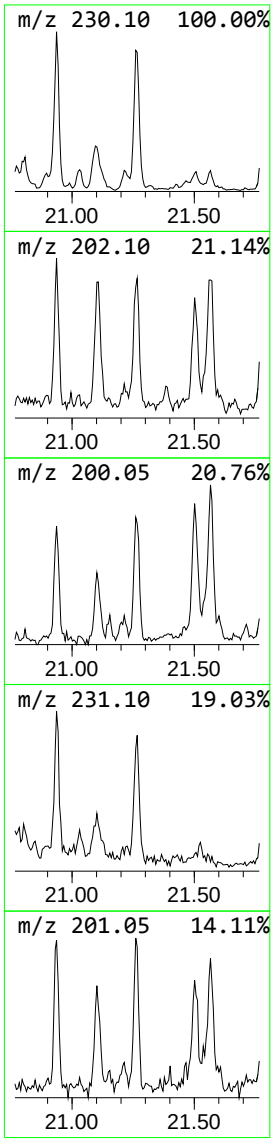
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1-Pyrenecarboxaldehyde Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.266	2.12 ng/ul	123426	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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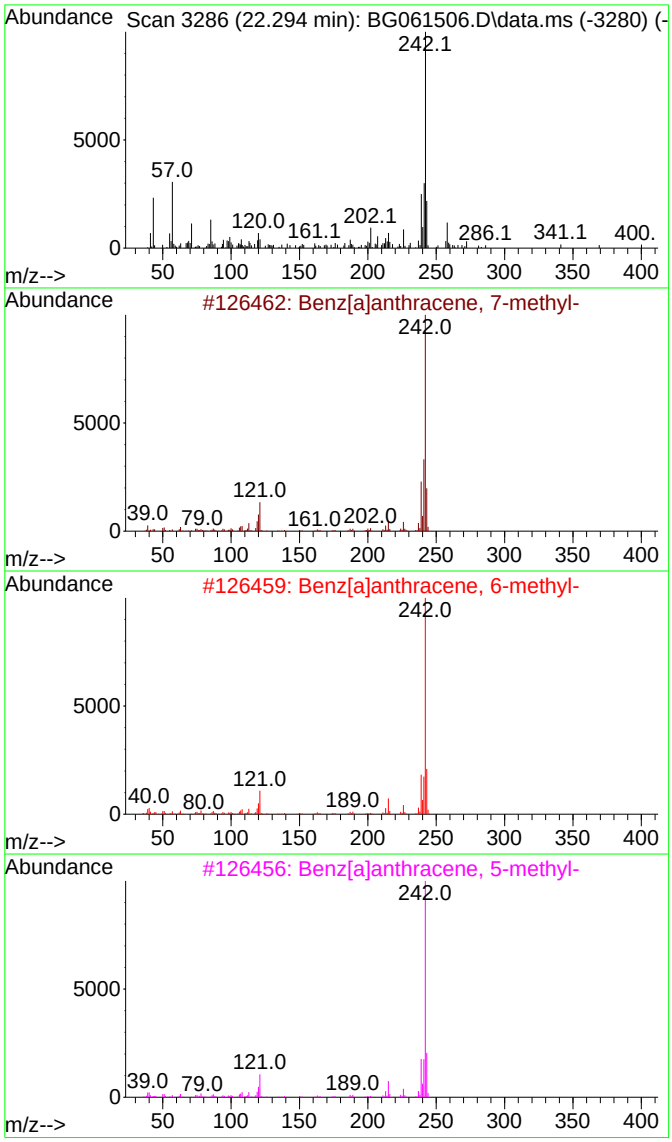
Quant Title : SVOA CALIBRATION

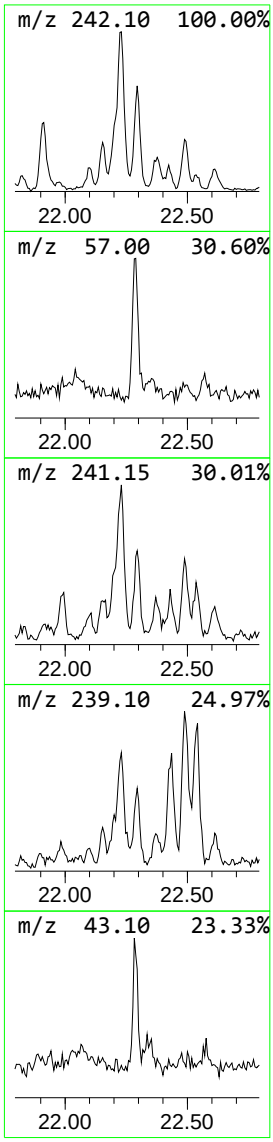
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.294	2.53 ng/ul	147274	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
2	Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	83
3	Benz[a]anthracene, 5-methyl-	242	C19H14	002319-96-2	83
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	83
5	Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	83





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

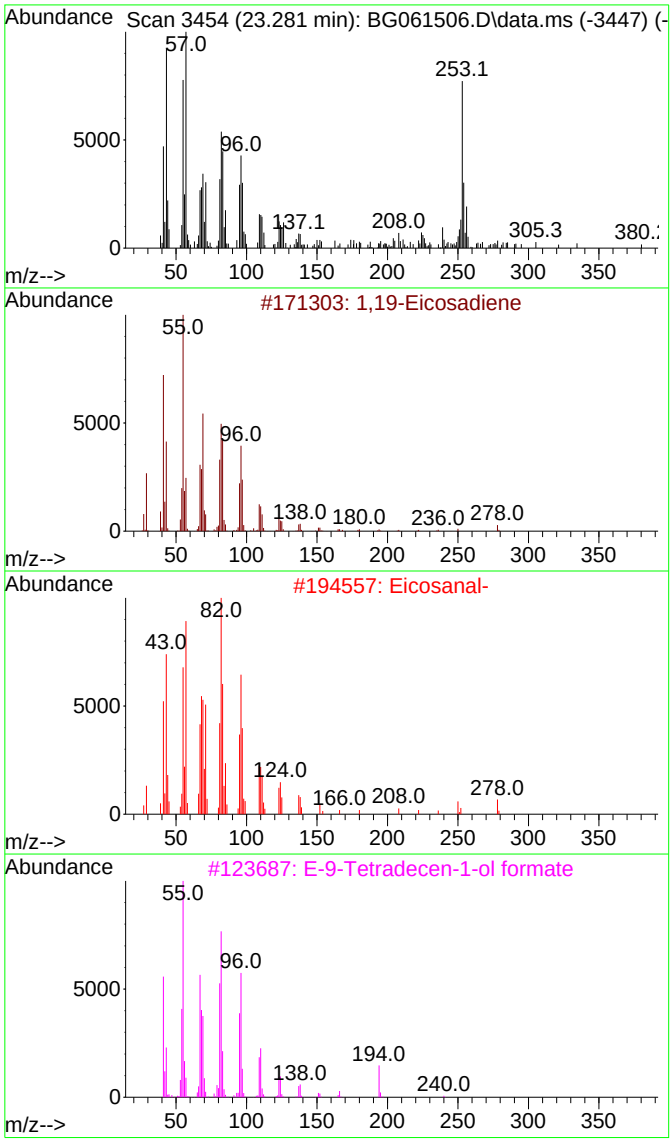
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

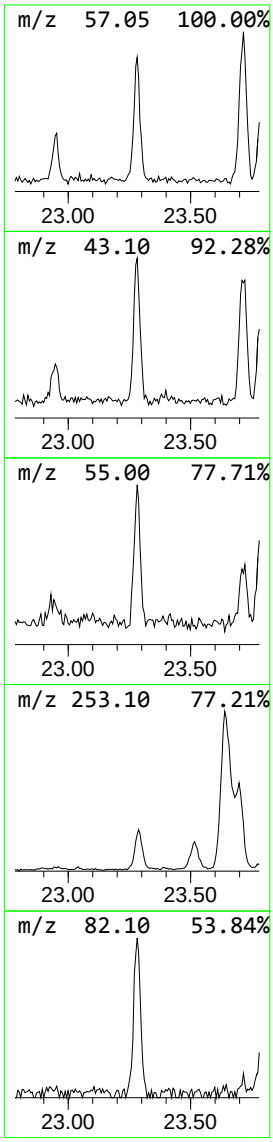
****

Peak Number 16 1,19-Eicosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.281	9.25 ng/ul	253476	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	90
2	Eicosanal-	296	C20H40O	002400-66-0	86
3	E-9-Tetradecen-1-ol formate	240	C15H28O2	1000130-78-2	59
4	Hexadecanal	240	C16H32O	000629-80-1	55
5	Octadecanal	268	C18H36O	000638-66-4	55





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Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

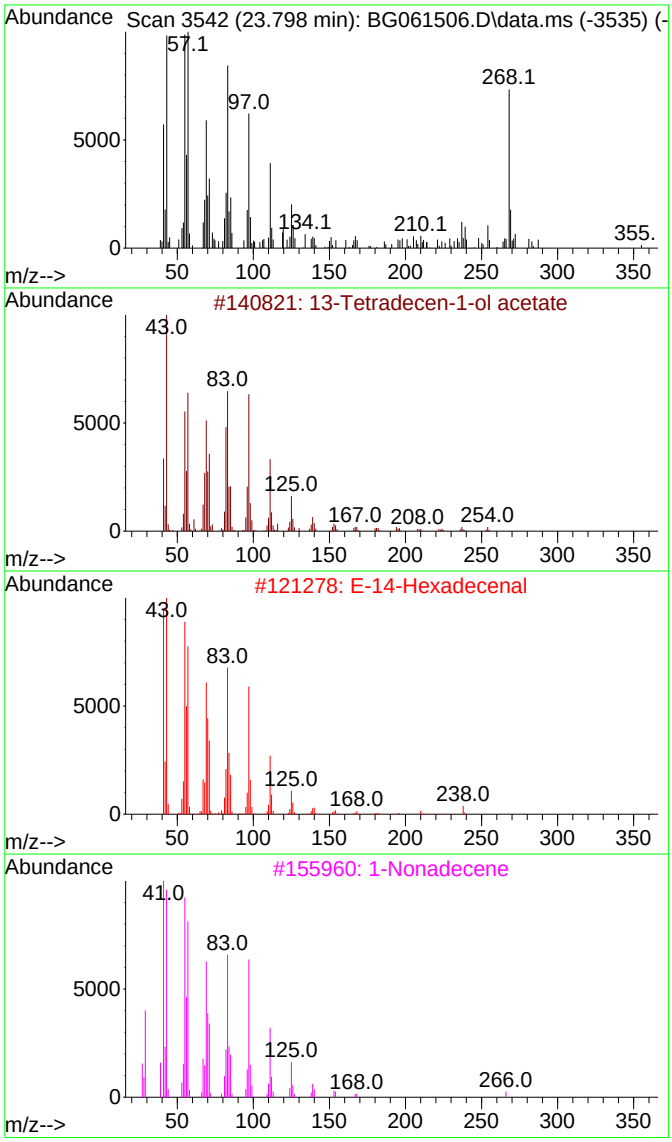
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

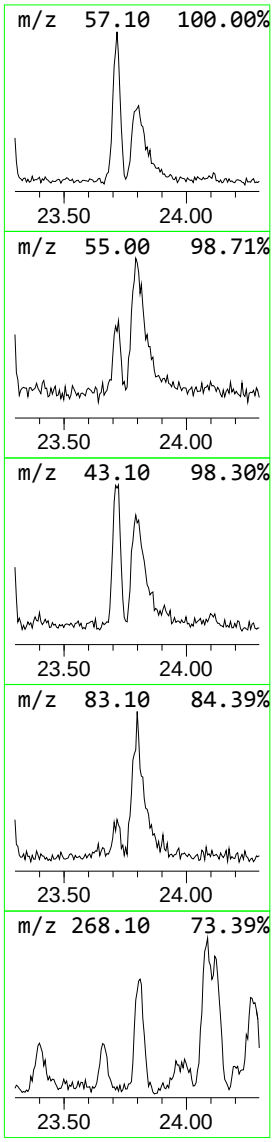
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 13-Tetradecen-1-ol acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.798	6.91 ng/ul	189218	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	89
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	78
3	1-Nonadecene	266	C19H38	018435-45-5	70
4	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	70
5	1-Heneicosanol	312	C21H44O	015594-90-8	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

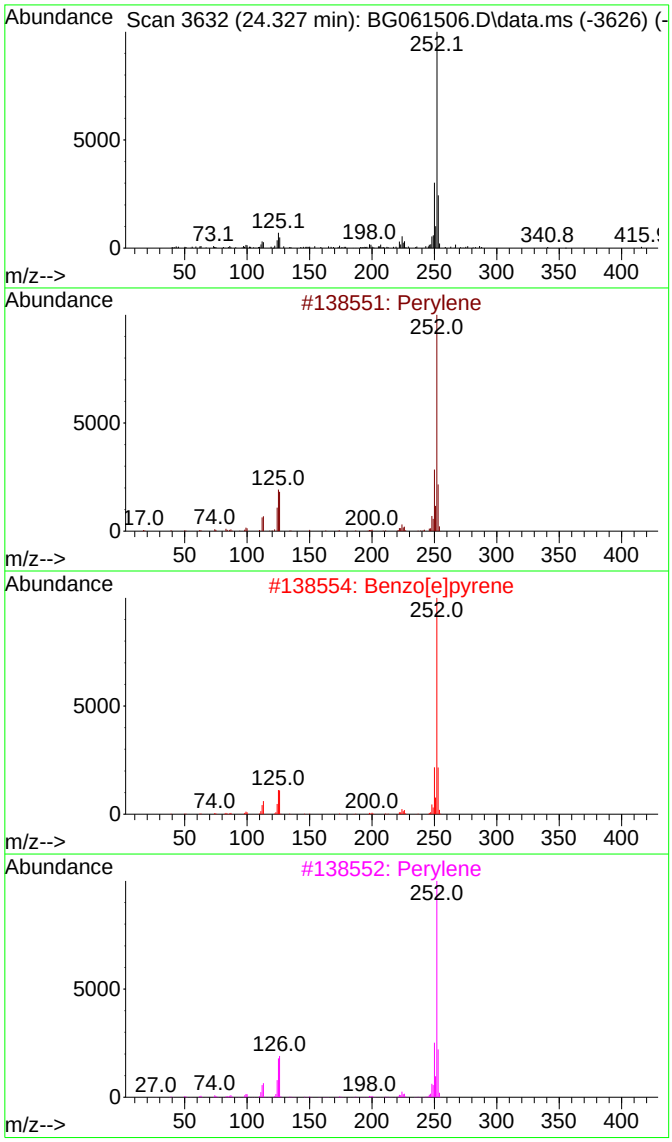
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

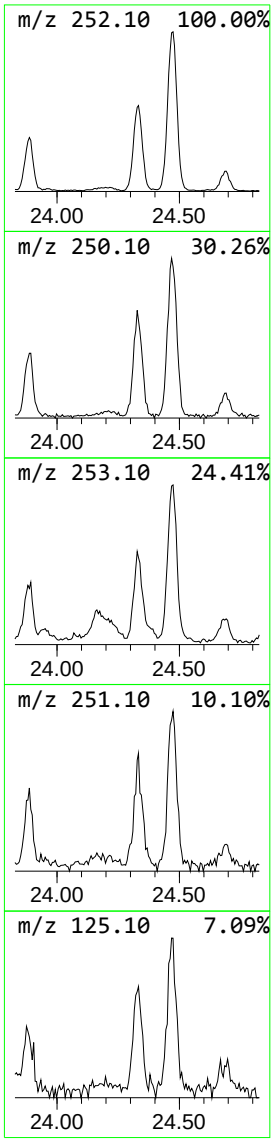
****

Peak Number 18 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.327	6.92 ng/ul	189655	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	87
3	Perylene	252	C20H12	000198-55-0	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

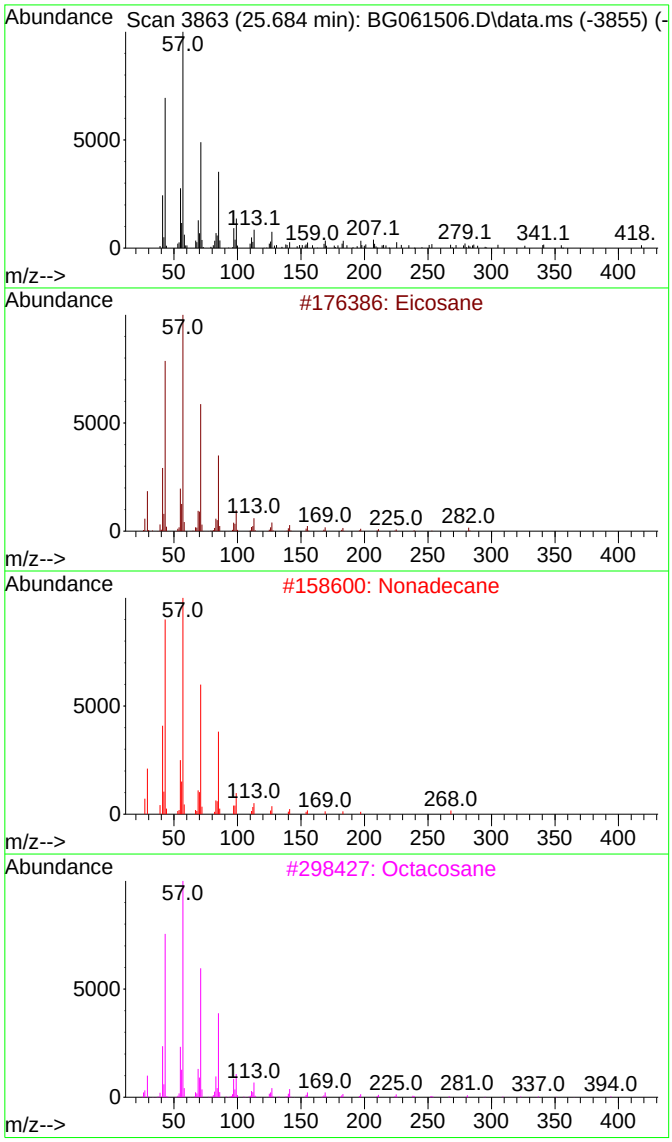
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

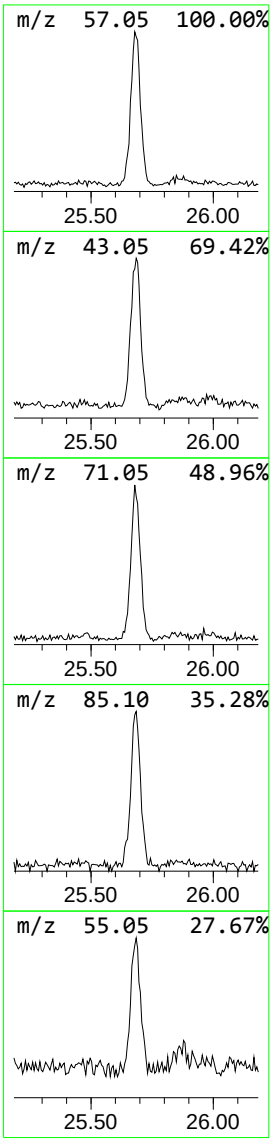
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.684	7.35 ng/ul	201290	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane	268	C19H40	000629-92-5	90
3	Octacosane	394	C28H58	000630-02-4	83
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

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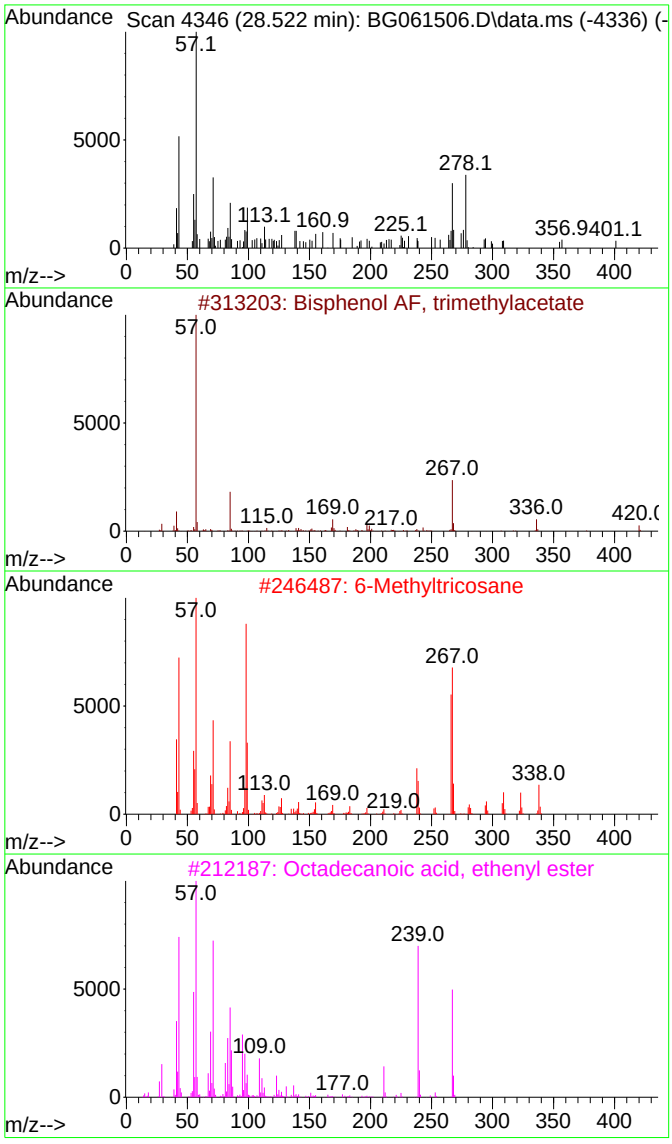
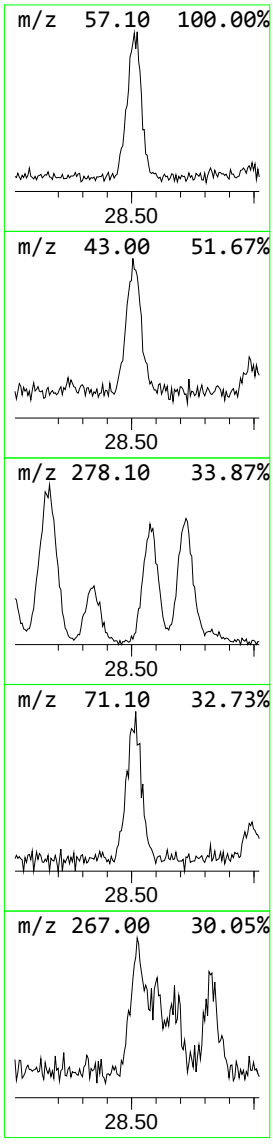
Peak Number 20 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.522	2.81 ng/ul	77095	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bisphenol AF, trimethylacetate	420	C20H18F6O3	1000462-14-6	27
2	6-Methyltricosane	338	C24H50	1000131-18-0	16
3	Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	12
4	2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	10
5	Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

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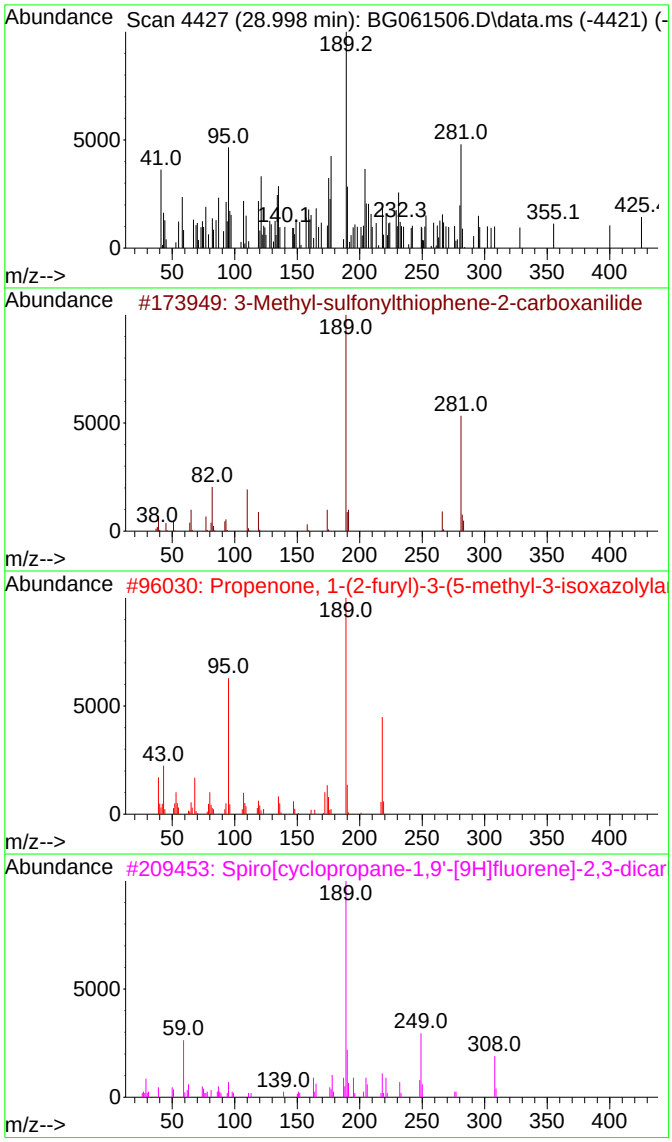
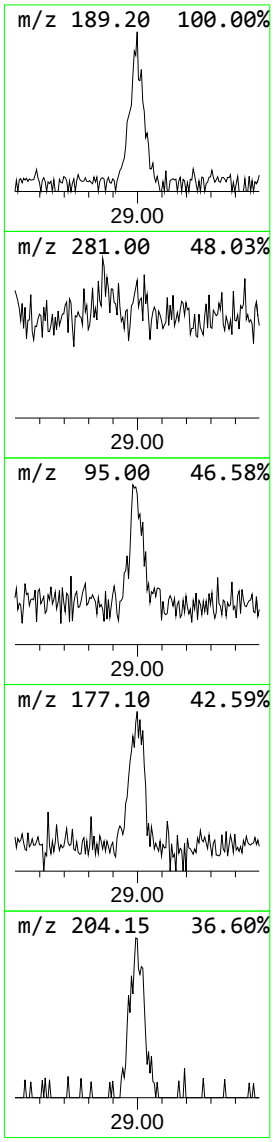
Peak Number 21 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.998	3.98 ng/ul	108971	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-sulfonylthiophene-2-car...	281	C12H11NO3S2	1000306-04-8	30
2	Propenone, 1-(2-furyl)-3-(5-meth...	218	C11H10N2O3	186957-33-5	27
3	Spiro[cyclopropane-1,9'-[9H]fluo...	308	C19H16O4	034296-55-4	22
4	Propenone, 1-(4-fluorophenyl)-3-...	312	C17H13FN2OS	1000263-71-8	16
5	6-(4-Fluorophenyl)-2-hydroxypyri...	189	C11H8FNO	1010509-20-5	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061506.D
Acq On : 6 Jun 2024 12:12
Operator : MA/JU
Sample : P2635-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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
Butane, 2-metho...	3.093	246.0	ng/ul	2088980	1	7.876	169842	20.0
n-Hexadecanoic ...	18.164	12.3	ng/ul	219071	4	17.265	356885	20.0
4H-Cyclopenta[d...	18.334	8.0	ng/ul	143223	4	17.265	356885	20.0
Phenanthrene, 2...	18.369	3.3	ng/ul	58989	4	17.265	356885	20.0
5,16[1',2']:8,1...	18.640	3.4	ng/ul	60096	4	17.265	356885	20.0
9,10-Anthracene...	18.687	4.8	ng/ul	85412	4	17.265	356885	20.0
Phenanthrene, 2...	19.057	6.2	ng/ul	111391	4	17.265	356885	20.0
Cyclopenta(def)...	19.204	5.0	ng/ul	89018	4	17.265	356885	20.0
Octadecanoic acid	19.439	3.3	ng/ul	193643	5	21.519	1166290	20.0
Pyrene, 1-methyl-	20.179	3.1	ng/ul	178249	5	21.519	1166290	20.0
Pyrene, 2-methyl-	20.338	2.1	ng/ul	123623	5	21.519	1166290	20.0
7H-Benz[de]anth...	20.937	2.2	ng/ul	128017	5	21.519	1166290	20.0
3-Chloro-6-meth...	21.196	3.6	ng/ul	208767	5	21.519	1166290	20.0
1-Pyrenecarboxa...	21.266	2.1	ng/ul	123426	5	21.519	1166290	20.0
Benz[a]anthrace...	22.294	2.5	ng/ul	147274	5	21.519	1166290	20.0
1,19-Eicosadiene	23.281	9.3	ng/ul	253476	6	24.615	547845	20.0
13-Tetradecen-1...	23.798	6.9	ng/ul	189218	6	24.615	547845	20.0
Perylene	24.327	6.9	ng/ul	189655	6	24.615	547845	20.0
(DEL) Alkane: S...	25.684	7.3	ng/ul	201290	6	24.615	547845	20.0
unknown-01	28.522	2.8	ng/ul	77095	6	24.615	547845	20.0
unknown-02	28.998	4.0	ng/ul	108971	6	24.615	547845	20.0