LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFM9

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-BP060723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015675.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	33	36	40	rVB	22592	25494	0.44%	0.043%
2	3.846	108	112	125	rBV	182096	274081	4.77%	0.462%
3	3.946	125	129	136	rVV	111857	158286	2.76%	0.267%
4	4.022	139	142	146	rVV2	13407	19554	0.34%	0.033%
5	4.069	146	150	156	rVB2	17660	31765	0.55%	0.054%
6	4.752	262	266	272	rVB2	13978	21160	0.37%	0.036%
7	7.246	684	690	705	rBV	265122	529969	9.23%	0.893%
8	7.405	710	717	730	rBV	250575	431549	7.52%	0.727%
9	7.605	744	751	761	rBV	335133	589321	10.26%	0.993%
10	8.081	825	832	846	rVV	528245	909871	15.85%	1.534%
11	8.628	919	925	933	rBV	15558	30869	0.54%	0.052%
12	8.804	948	955	969	rBV	221190	466715	8.13%	0.787%
13	9.263	1026	1033	1049	rBV	293553	561957	9.79%	0.947%
14	9.993	1145	1157	1178	rBV	241272	506412	8.82%	0.854%
15	10.546	1243	1251	1271	rBV	227178	599037	10.43%	1.010%
16	10.904	1306	1312	1319	rBV	636094	1131570	19.71%	1.907%
17	11.069	1331	1340	1358	rBV	90281	284722	4.96%	0.480%
18	12.575	1591	1596	1603	rVV2	10109	22174	0.39%	0.037%
19	12.787	1626	1632	1641	rVB	13263	25476	0.44%	0.043%
20	13.898	1816	1821	1822	rBV2	12032	19326	0.34%	0.033%
21	14.045	1840	1846	1852	rBV2	32451	63945	1.11%	0.108%
22	14.134	1852	1861	1868	rBV	578661	889046	15.48%	1.499%
23	14.287	1883	1887	1896	rVB2	14895	34176	0.60%	0.058%
24	14.422	1904	1910	1914	rBV2	660568	1102979	19.21%	1.859%
25	14.598	1936	1940	1946	rVB4	13045	18875	0.33%	0.032%
26	14.675	1949	1953	1956	rVV3	24217	36973	0.64%	0.062%
27	14.728	1956	1962	1969	rVV	816952	1262775	21.99%	2.129%
28	14.792	1969	1973	1982	rVB	37524	67242	1.17%	0.113%
29	14.986	2000	2006	2019	rBV2	57975	193181	3.36%	0.326%
30	15.134	2026	2031	2037	rBV2	37756	70368	1.23%	0.119%
31	15.204	2039	2043	2054	rVB2	18174	34782	0.61%	0.059%
32	15.345	2062	2067	2072	rBV3	14928	24921	0.43%	0.042%
33	15.551	2098	2102	2106	rVB3	19350	25996	0.45%	0.044%
34	15.728	2123	2132	2138	rBV	748420	1178825	20.53%	1.987%
35	15.781	2138	2141	2151	rVB	77359	141158	2.46%	0.238%
36	15.875	2151	2157	2166	rBV	139707	269699	4.70%	0.455%

LSC Area Percent Report

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Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

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-BP060723.MA.M
Title : SVOA CALIBRATION

37	16.092	2187	2194	2206	rVB2	92803	200143	3.49%	0.337%
38	16.228	2213	2217	2227	rVB	28379	55960	0.97%	0.094%
39	16.422	2245	2250	2251	rBV3	25556	35037	0.61%	0.059%
40	16.657	2287	2290	2296	rVB7	15328	23709	0.41%	0.040%
41	16.792	2304	2313	2317	rBV4	31783	70327	1.22%	0.119%
42	17.016	2347	2351	2355	rBV2	27467	39825	0.69%	0.067%
43	17.057	2355	2358	2362	rVV2	17358	23212	0.40%	0.039%
44	17.151	2369	2374	2380	rVV2	59252	97815	1.70%	0.165%
45	17.216	2380	2385	2391	rVV	41094	73667	1.28%	0.124%
46	17.310	2397	2401	2408	rVB	52569	77978	1.36%	0.131%
47	17.492	2426	2432	2435	rBV	934150	1322232	23.03%	2.229%
48	17.533	2435	2439	2444	rVV	1209042	1728077	30.10%	2.913%
49	17.592	2444	2449	2453	rVV2	788400	1212860	21.12%	2.044%
50	17.628	2453	2455	2463	rVV	261185	378065	6.58%	0.637%
51	17.692	2464	2466	2472	rVB3	26405	42359	0.74%	0.071%
52	17.904	2495	2502	2508	rBV2	119831	244238	4.25%	0.412%
53	17.951	2508	2510	2514	rVB2	23627	29455	0.51%	0.050%
54	18.004	2516	2519	2522	rVV2	19907	23494	0.41%	0.040%
55	18.080	2527	2532	2538	rVV6	29582	57397	1.00%	0.097%
56	18.292	2564	2568	2572	rBV2	65059	96146	1.67%	0.162%
57	18.351	2573	2578	2583	rVV2	662536	937935	16.34%	1.581%
58	18.398	2583	2586	2593	rVV2	238225	389208	6.78%	0.656%
59	18.480	2597	2600	2605	rVV	60940	82196	1.43%	0.139%
60	18.545	2605	2611	2614	rVV3	237013	410352	7.15%	0.692%
61	18.575	2614	2616	2621	rVB	97416	121736	2.12%	0.205%
62	18.622	2622	2624	2626	rBV2	20675	21445	0.37%	0.036%
63	18.692	2633	2636	2640	rBV5	30821	44573	0.78%	0.075%
64	18.833	2656	2660	2664	rBV	127642	163066	2.84%	0.275%
65	18.886	2665	2669	2676	rVB	183580	268856	4.68%	0.453%
66	19.069	2697	2700	2704	rBV3	41080	60360	1.05%	0.102%
67	19.233	2724	2728	2733	rVB2	136270	175140	3.05%	0.295%
68	19.327	2742	2744	2748	rVB2	65688	72866	1.27%	0.123%
69	19.386	2750	2754	2760	rVB	154641	225756	3.93%	0.381%
70	19.439	2760	2763	2764	rBV	58685	58225	1.01%	0.098%
71	19.498	2764	2773	2779	rVV	3266402	4468716	77.83%	7.532%
72	19.574	2783	2786	2793	rVV3	239221	377674	6.58%	0.637%
73	19.639	2794	2797	2801	rVB	136624	187881	3.27%	0.317%
74	19.733	2810	2813	2819	rVB2	72903	98731	1.72%	0.166%
75	19.816	2822	2827	2830	rVV2	1366150	2148316	37.42%	3.621%
76	19.851	2830	2833	2840	rVB	2370693	3047969	53.09%	5.138%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

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-BP060723.MA.M
Title : SVOA CALIBRATION

77	19.916	2840	2844	2849	rBV	135453	179030	3.12%	0.302%
78	20.021	2859	2862	2867	rVB	144329	168132	2.93%	0.283%
79	20.169	2881	2887	2892	rVB2	179079	442905	7.71%	0.747%
80	20.304	2904	2910	2911	rBV5	210658	351054	6.11%	0.592%
81	20.327	2912	2914	2919	rVB	309517	343008	5.97%	0.578%
82	20.427	2927	2931	2934	rBV	169294	206962	3.60%	0.349%
83	20.621	2961	2964	2967	rBV	152131	190568	3.32%	0.321%
84	21.063	3035	3039	3046	rBV	456009	697314	12.14%	1.175%
85	21.221	3062	3066	3069	rBV2	437687	640590	11.16%	1.080%
86	21.257	3069	3072	3076	rVV2	638793	865831	15.08%	1.459%
87	21.310	3077	3081	3084	rVV3	309978	507050	8.83%	0.855%
88	21.357	3086	3089	3095	rVB	446607	621214	10.82%	1.047%
89	21.574	3121	3126	3131	rBV3	1923131	4128656	71.91%	6.959%
90	21.621	3131	3134	3144	rVB	1437351	2014628	35.09%	3.396%
91	21.933	3184	3187	3191	rVB2	254280	345583	6.02%	0.583%
92	22.180	3226	3229	3233	rVB3	308911	421327	7.34%	0.710%
93	23.298	3415	3419	3423	rVB	415261	624057	10.87%	1.052%
94	23.368	3424	3431	3444	rVB	1800645	5741669	100.00%	9.678%
95	23.921	3520	3525	3529	rBV	682094	1275034	22.21%	2.149%
96	23.980	3530	3535	3539	rVV3	857180	1686335	29.37%	2.842%
97	24.033	3539	3544	3555	rVB	1125780	2311971	40.27%	3.897%
98	24.145	3558	3563	3569	rBV	744069	1463839	25.50%	2.467%
99	24.751	3663	3666	3680	rVB	650095	1383796	24.10%	2.333%
100	24.886	3684	3689	3704	rVB3	519460	1468336	25.57%	2.475%

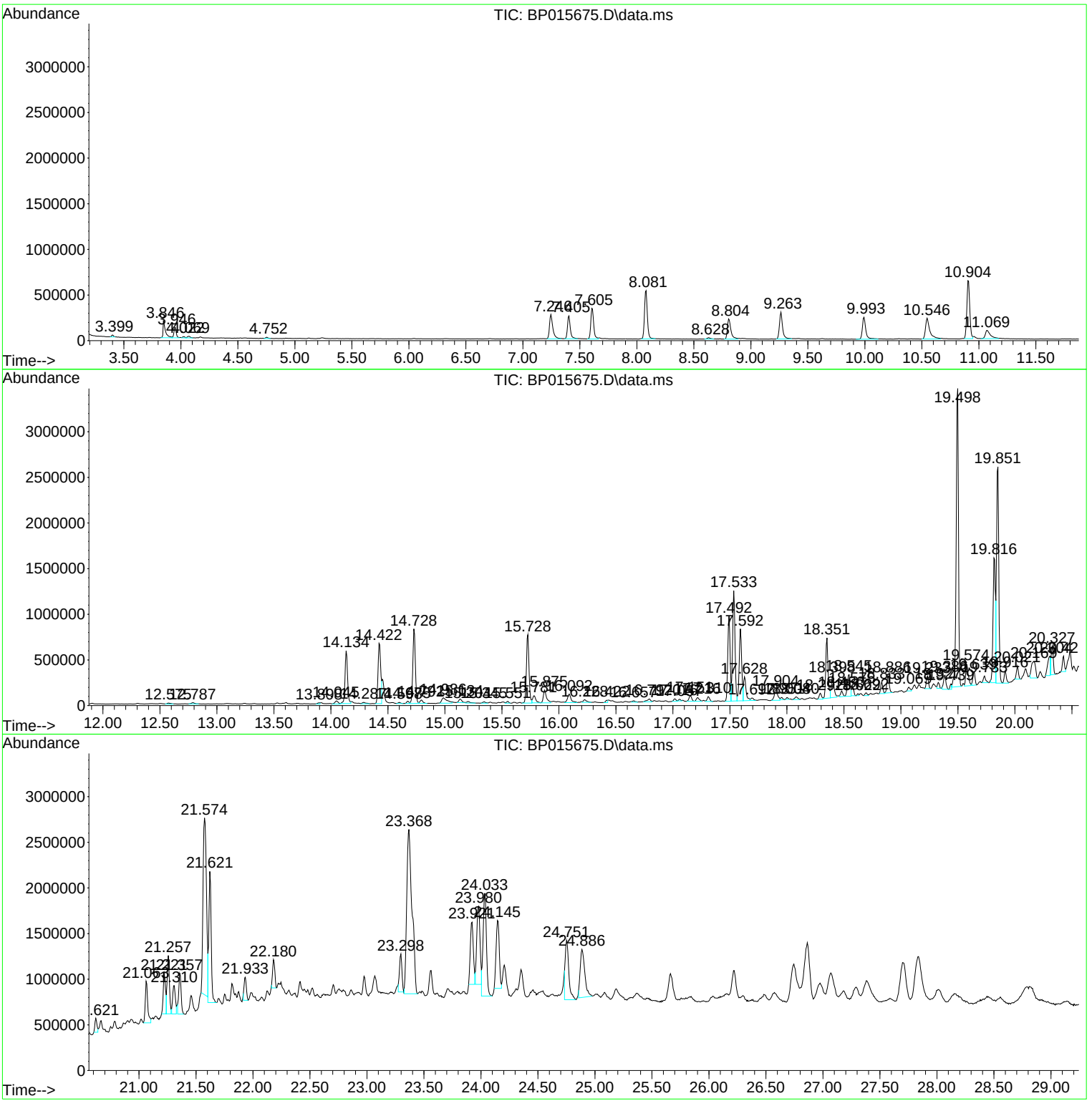
Sum of corrected areas: 59326135

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.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\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

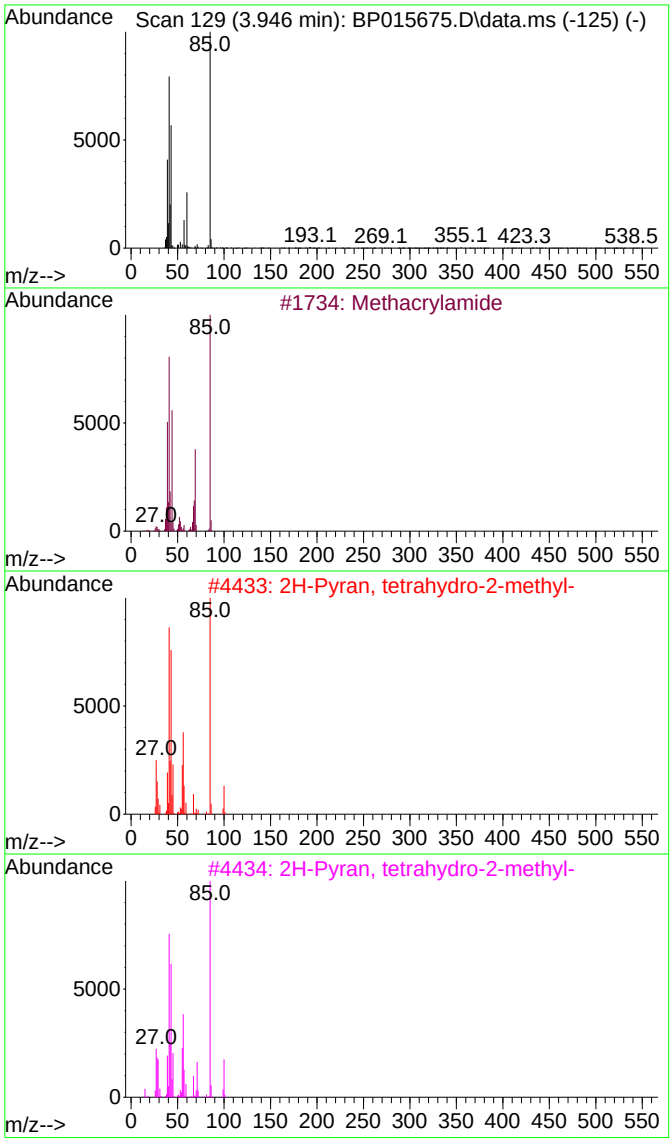
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

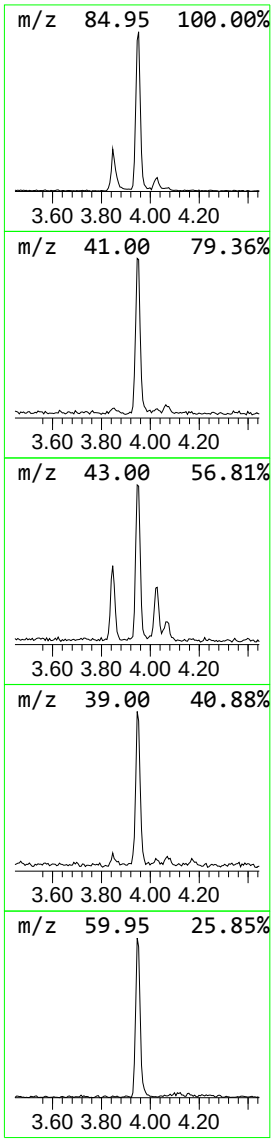
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Methacrylamide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.946	3.48 ng/ul	158286	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	59
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	40
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	33
4	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	33
5	n-Butyl nitrite	103	C4H9NO2	000544-16-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

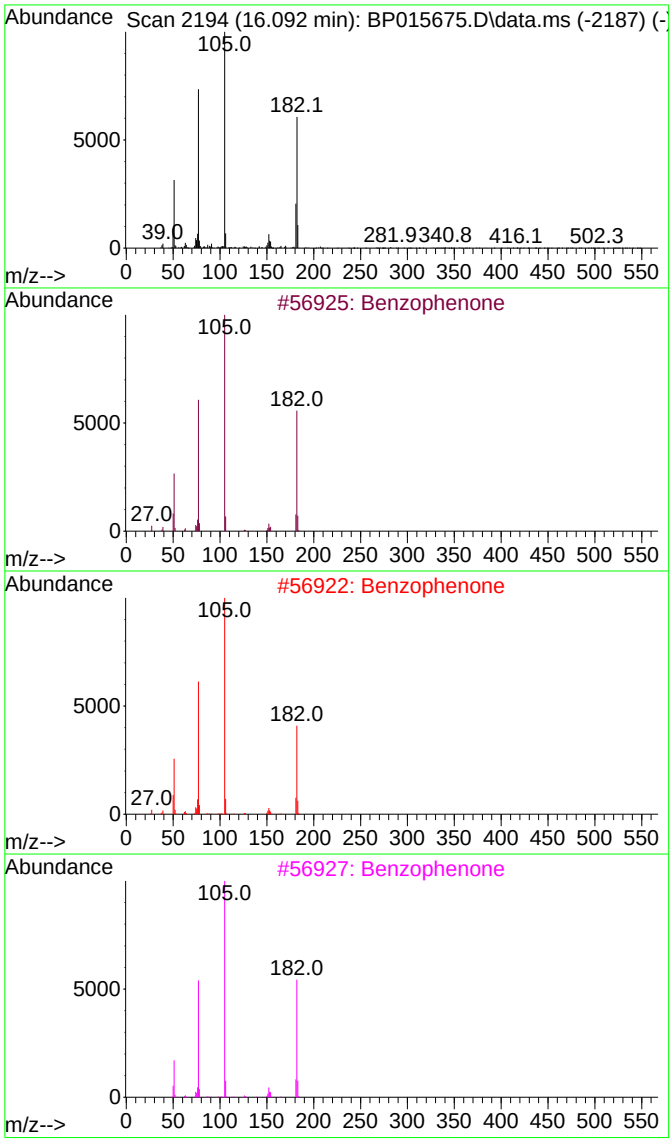
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

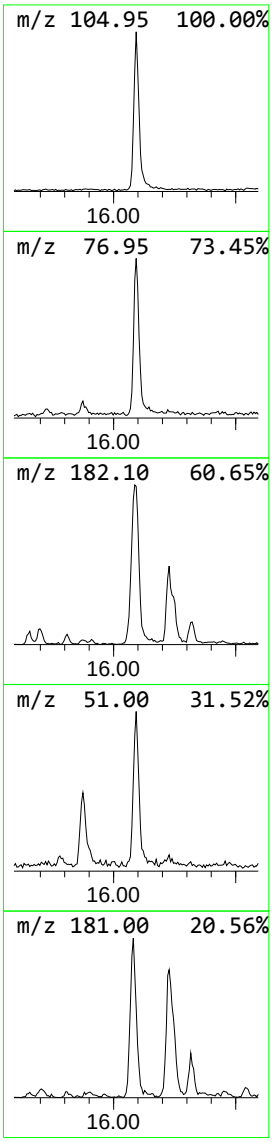
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	3.17 ng/ul	200143	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzophenone	182	C13H10O	000119-61-9	90
3	Benzophenone	182	C13H10O	000119-61-9	90
4	Benzophenone	182	C13H10O	000119-61-9	83
5	Benzophenone	182	C13H10O	000119-61-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

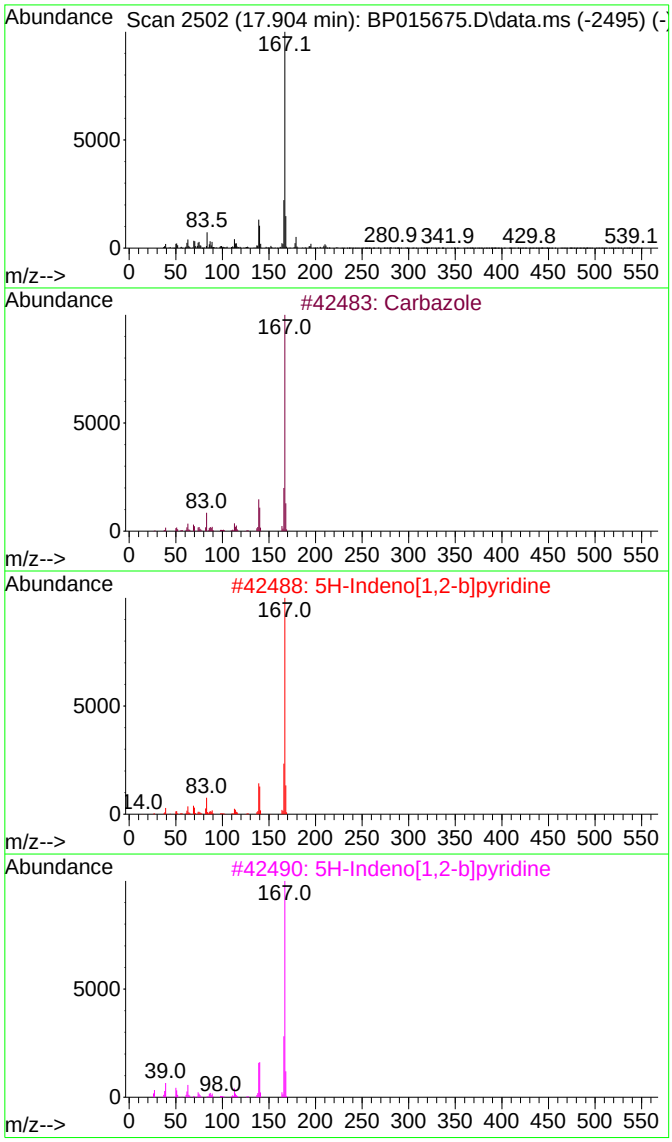
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

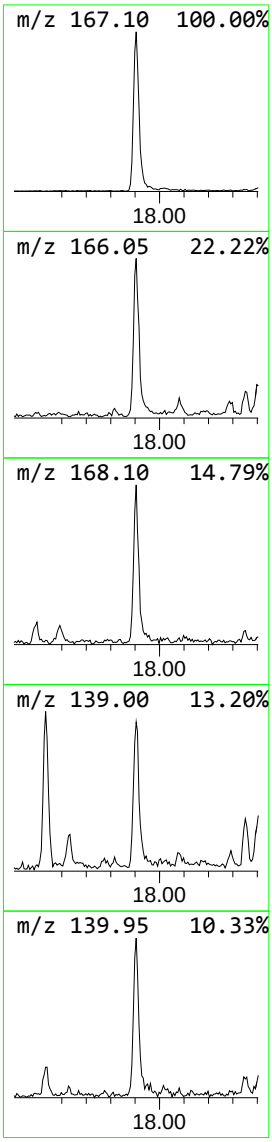
****

Peak Number 3 Carba zole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	3.69 ng/ul	244238	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	95
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	87
5	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

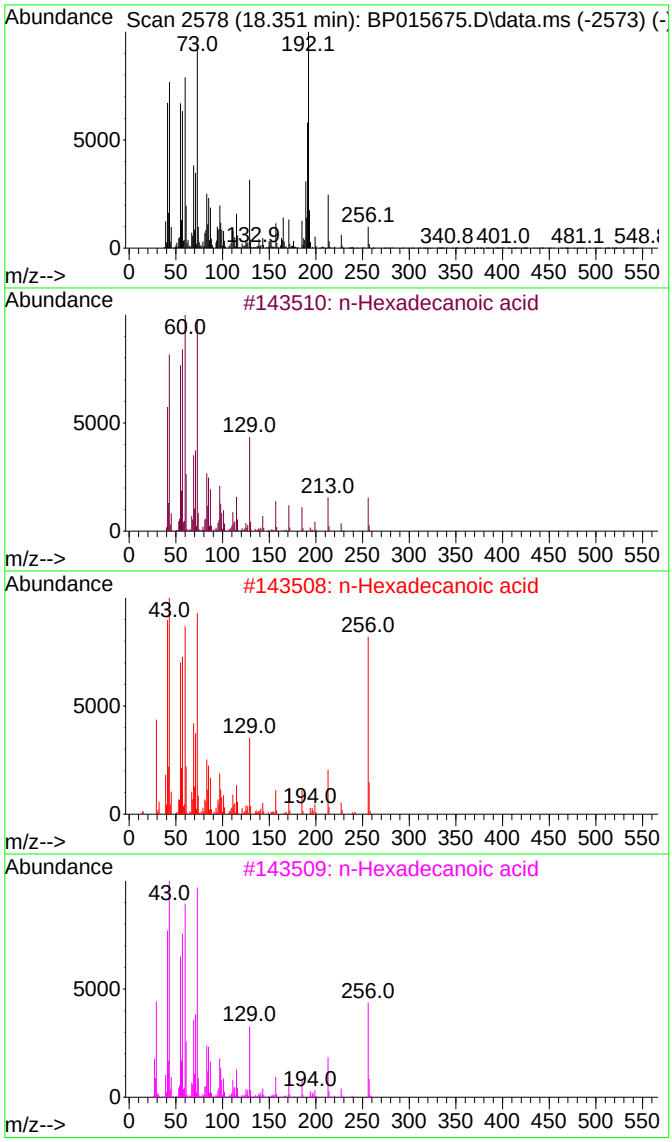
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

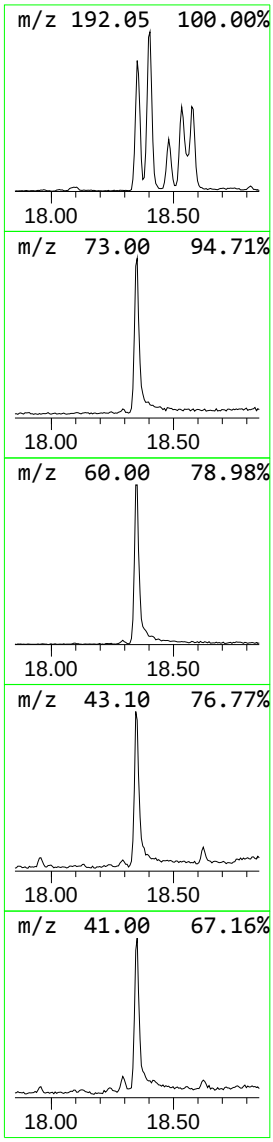
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	14.19 ng/ul	937935	Phenanthrene-d10	17.492

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	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

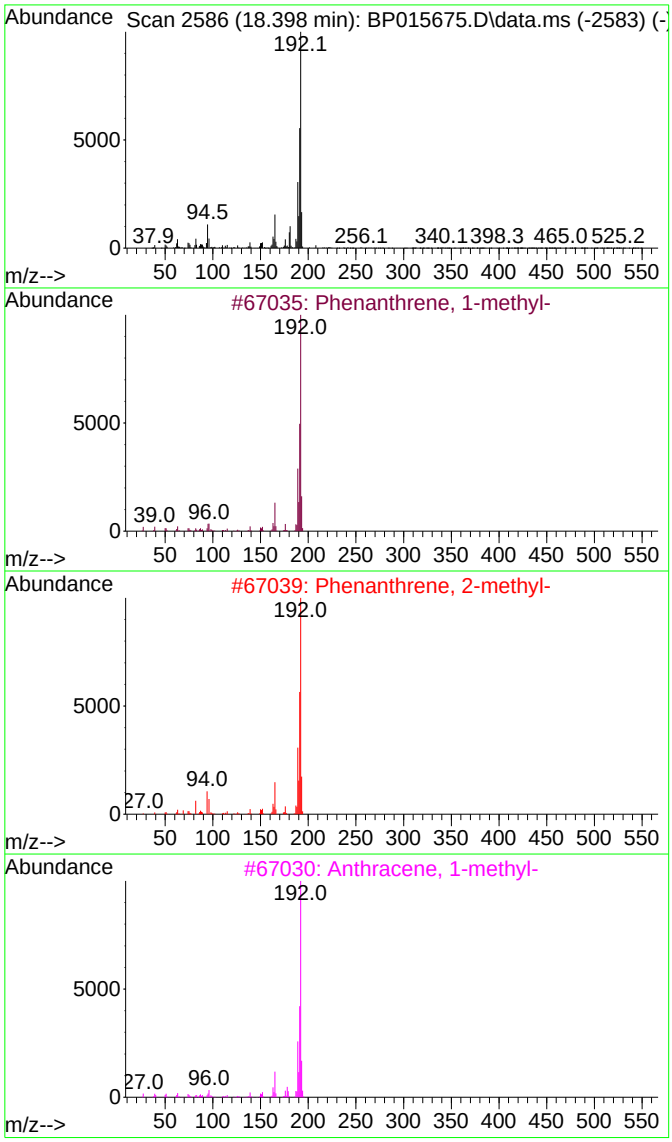
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

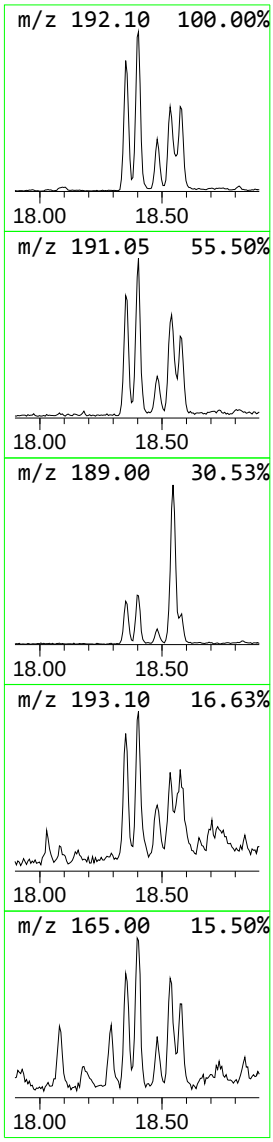
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	5.89 ng/ul	389208	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

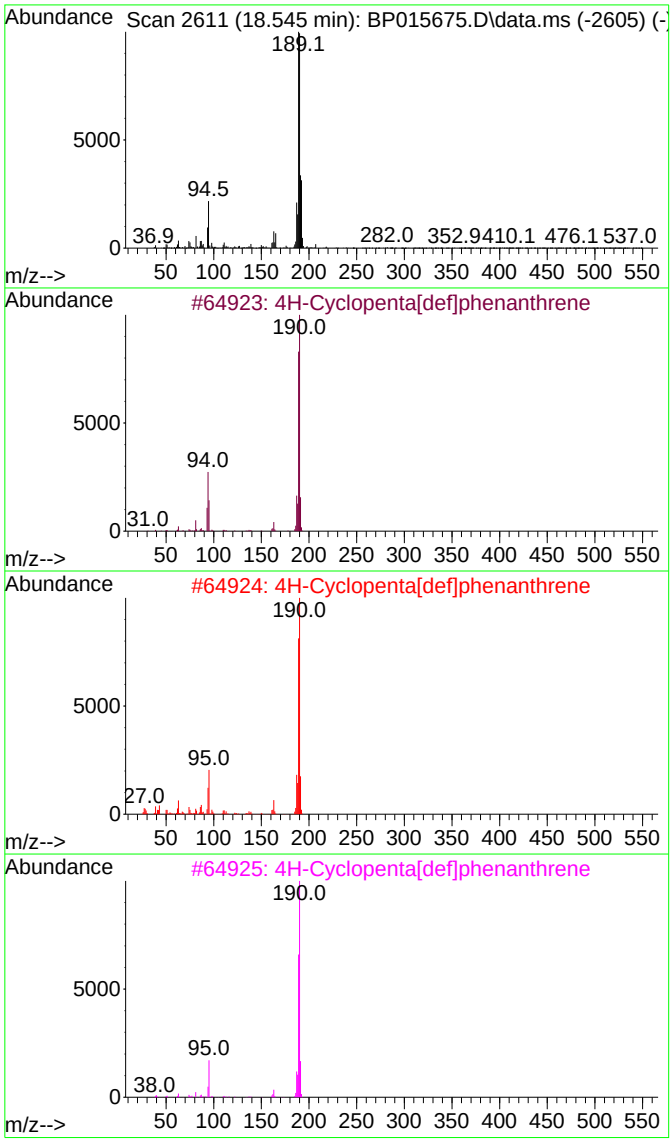
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

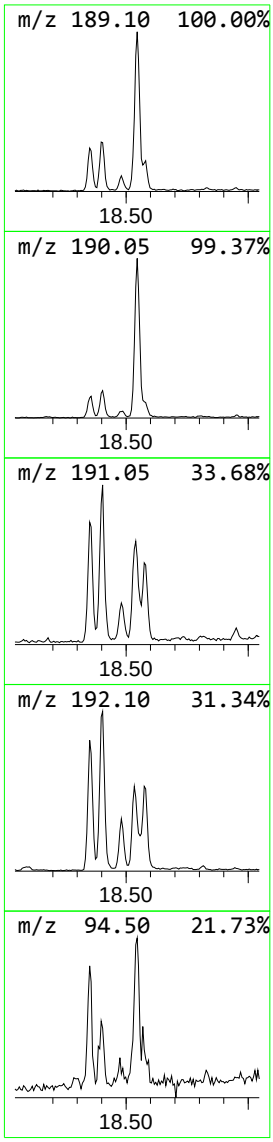
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	6.21 ng/ul	410352	Phenanthrene-d10	17.492

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	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





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Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

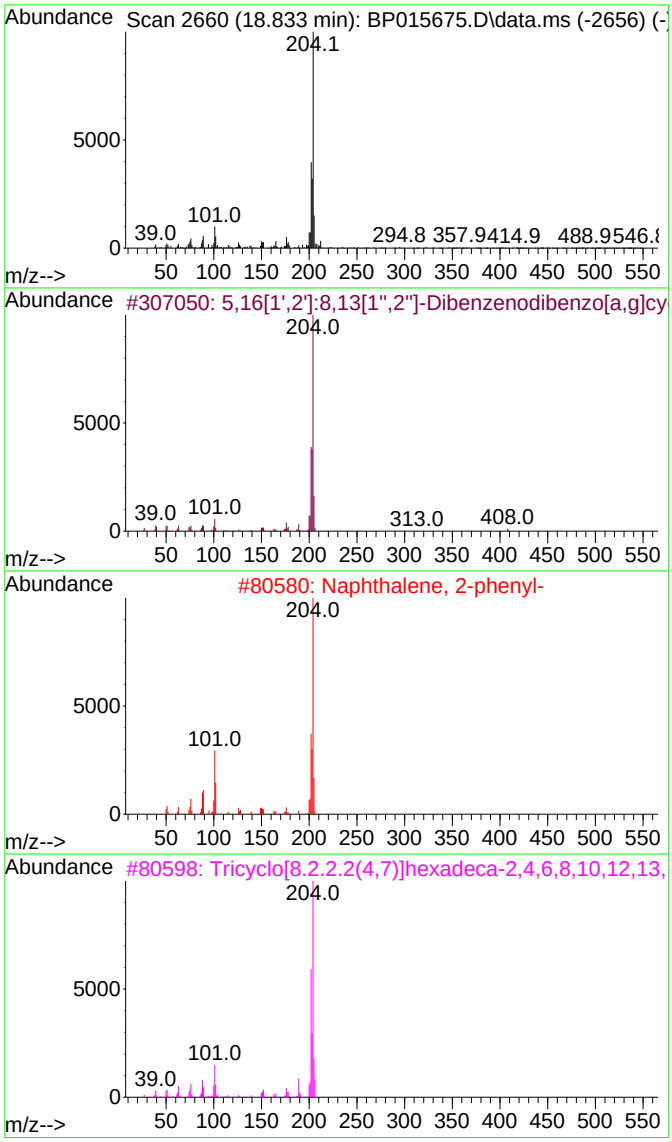
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

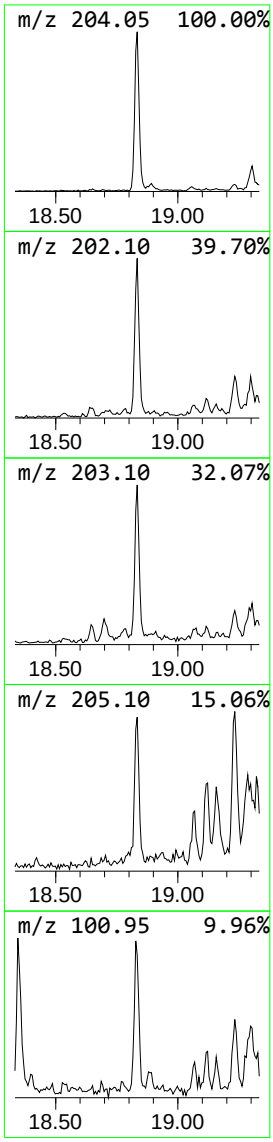
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.833	2.47 ng/ul	163066	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62





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Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

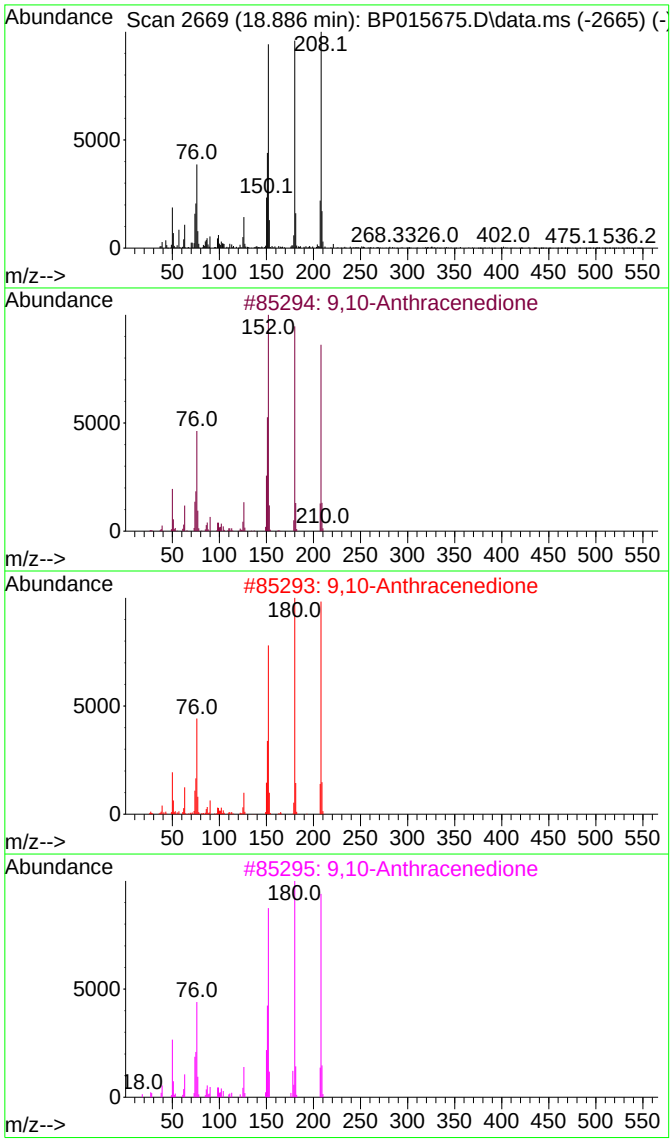
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

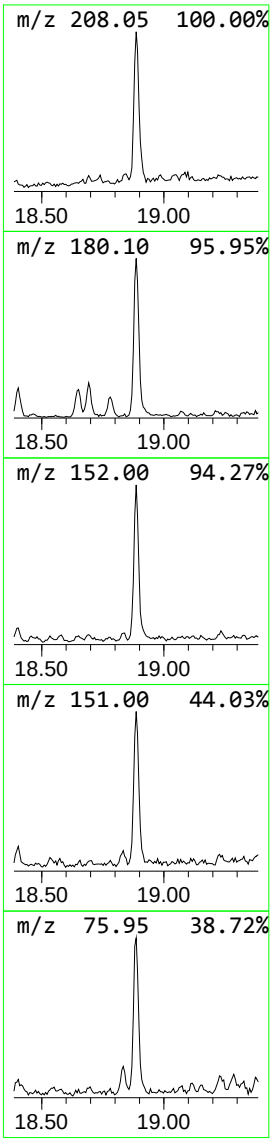
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.886	4.07 ng/ul	268856	Phenanthrene-d10	17.492

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	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	87
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83





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Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

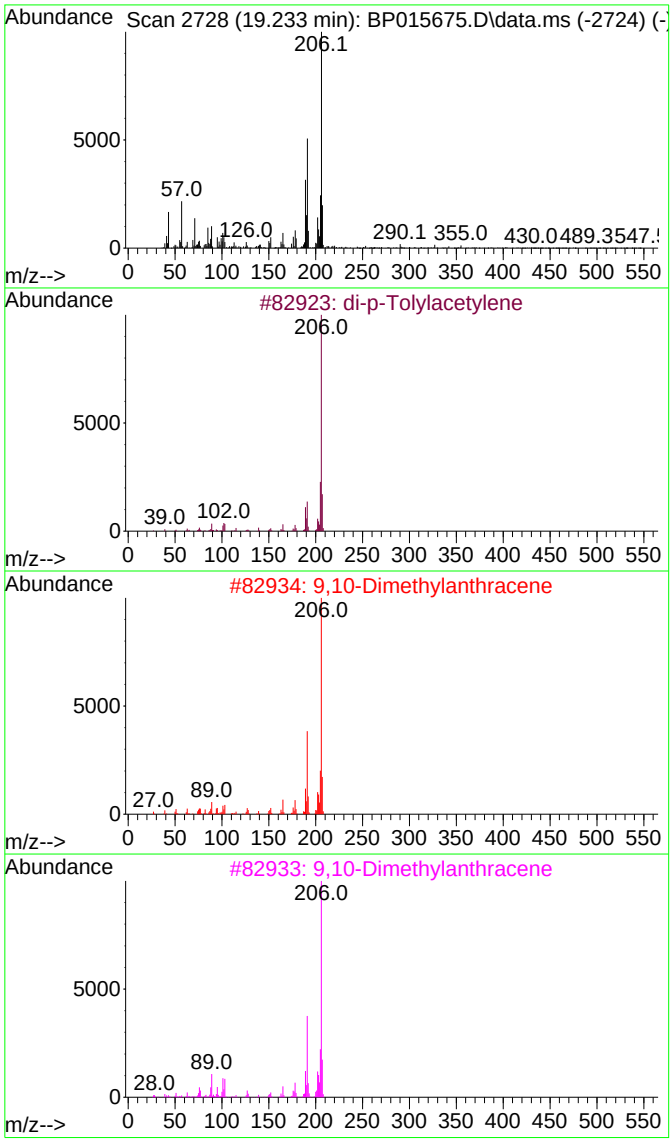
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

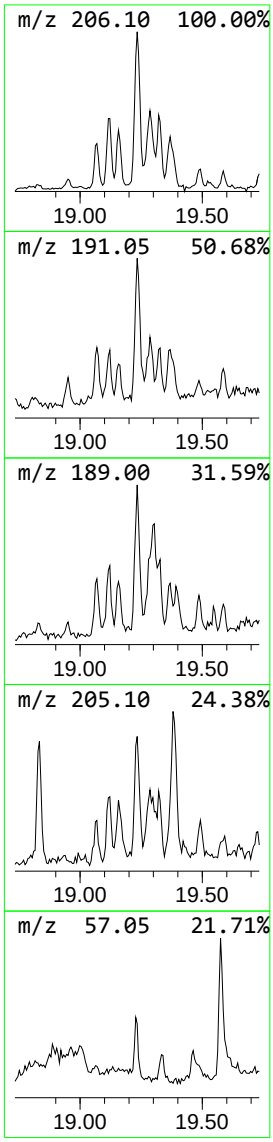
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	2.65 ng/ul	175140	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
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Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

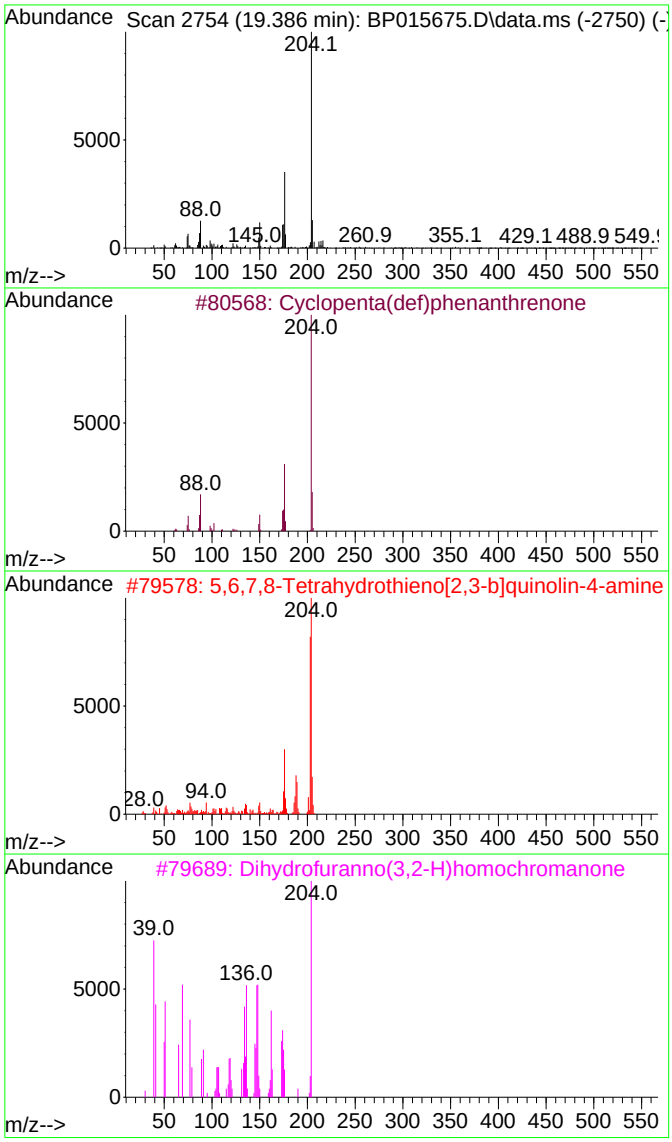
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

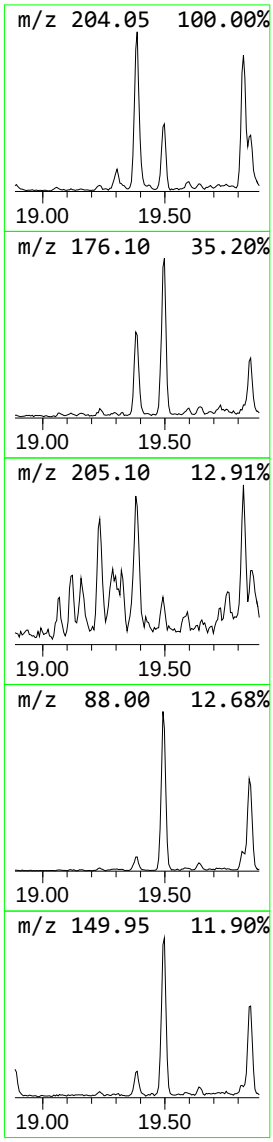
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	3.41 ng/ul	225756	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	47
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	45
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
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Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

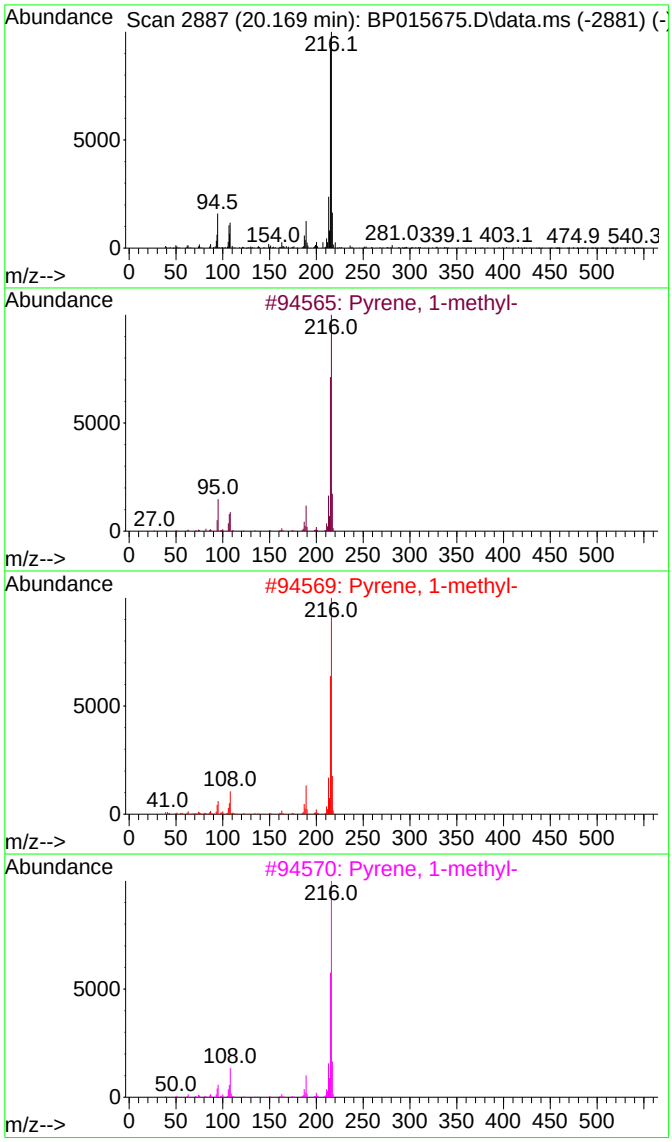
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

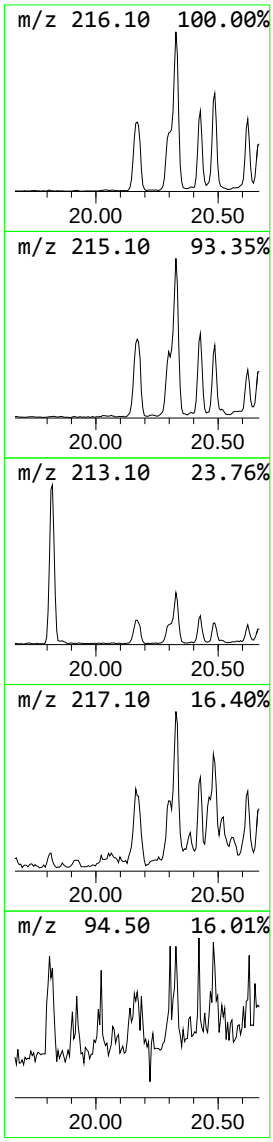
****

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.169	2.15 ng/ul	442905	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

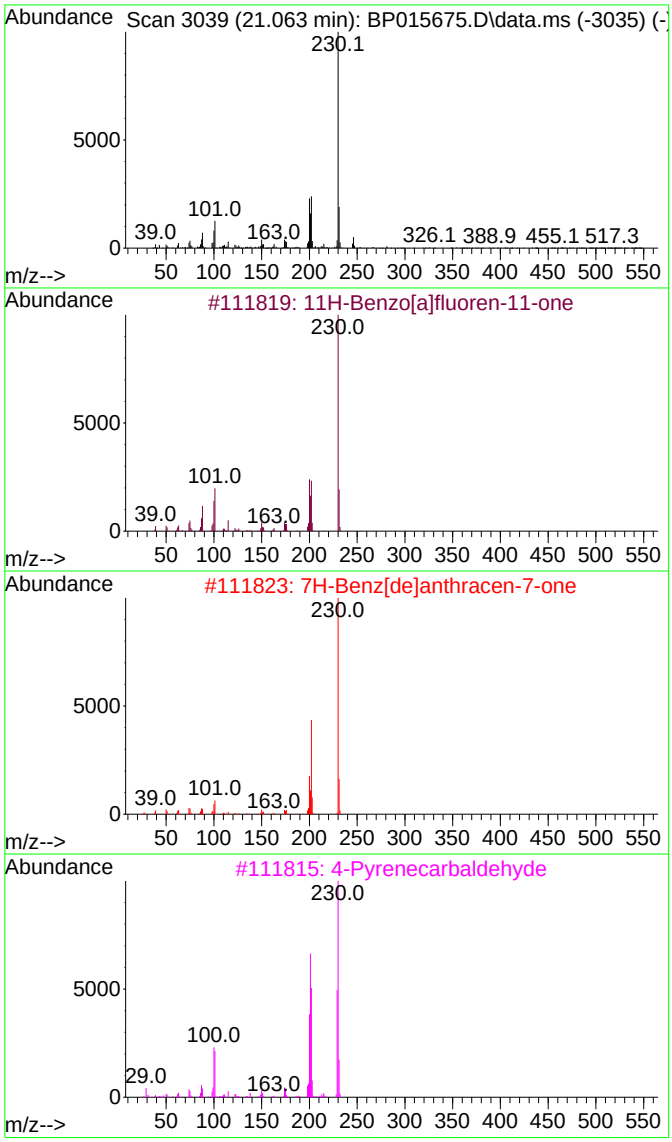
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

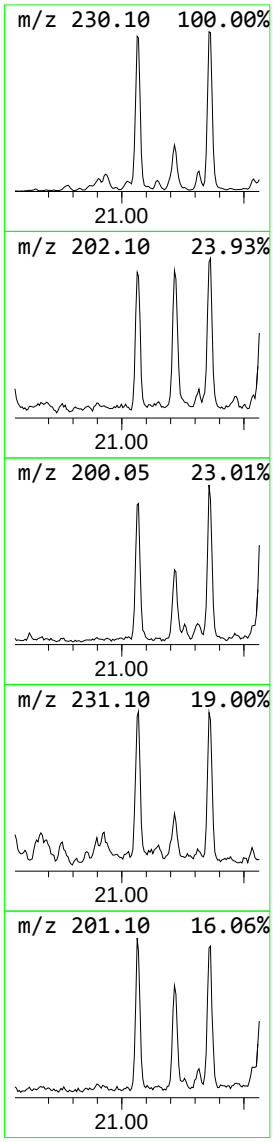
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	3.38 ng/ul	697314	Chrysene-d12	21.586

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	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

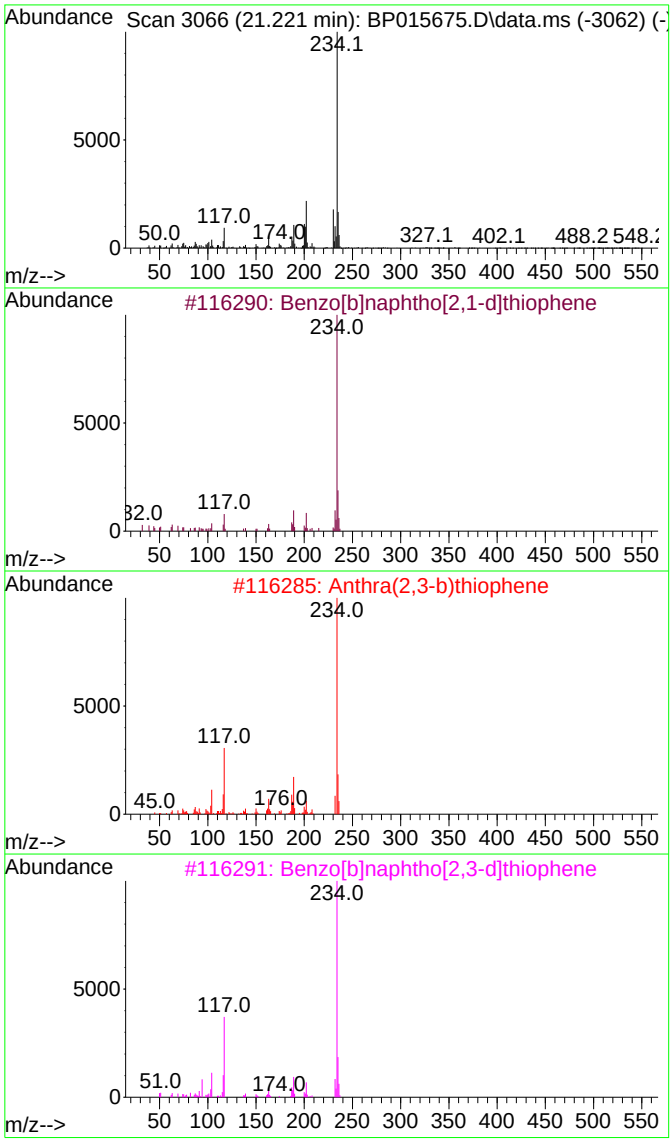
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

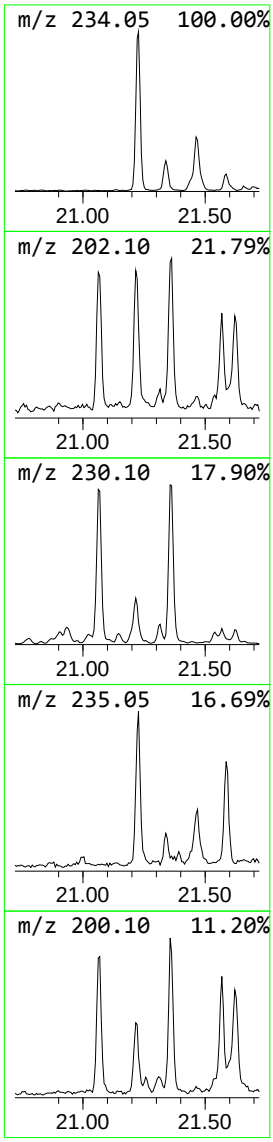
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	3.10 ng/ul	640590	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64





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Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

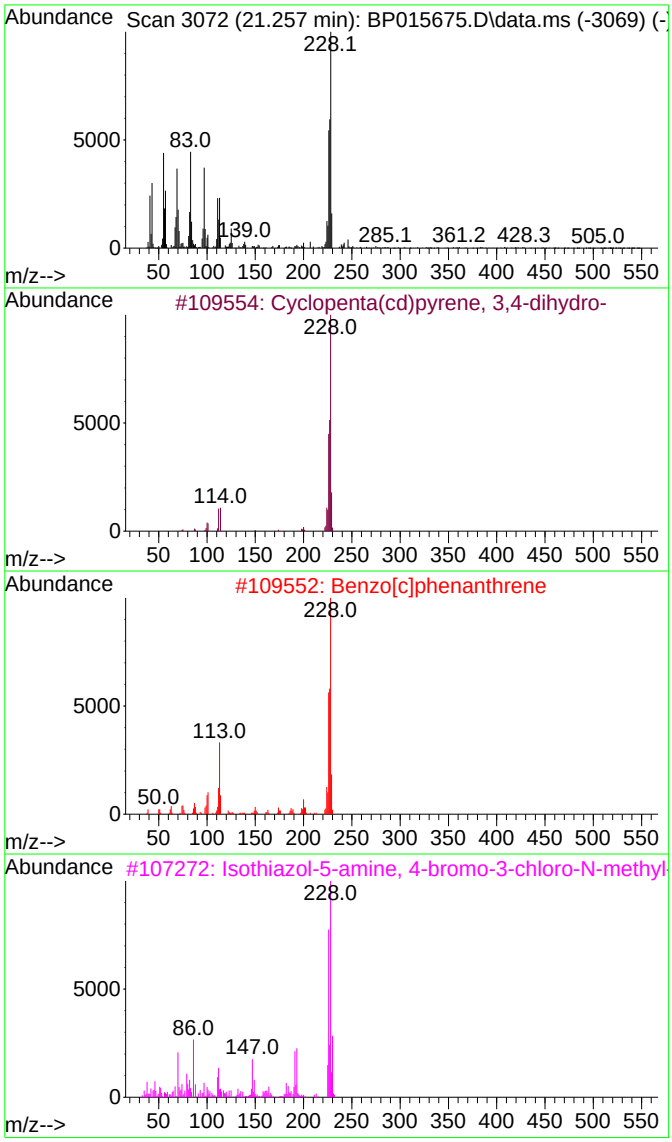
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

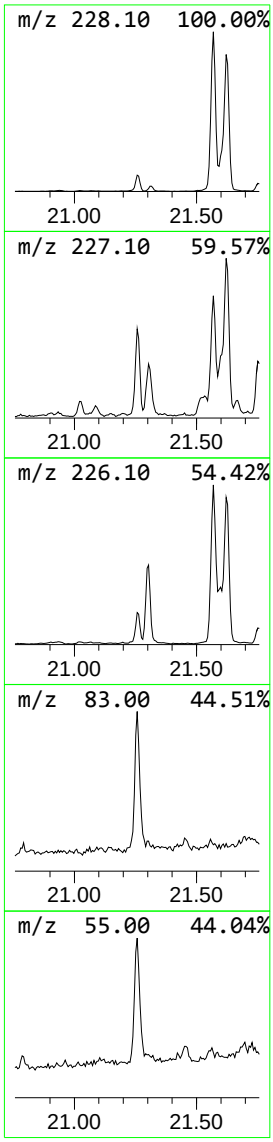
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.257	4.19 ng/ul	865831	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	62
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	35
5	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	32





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Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

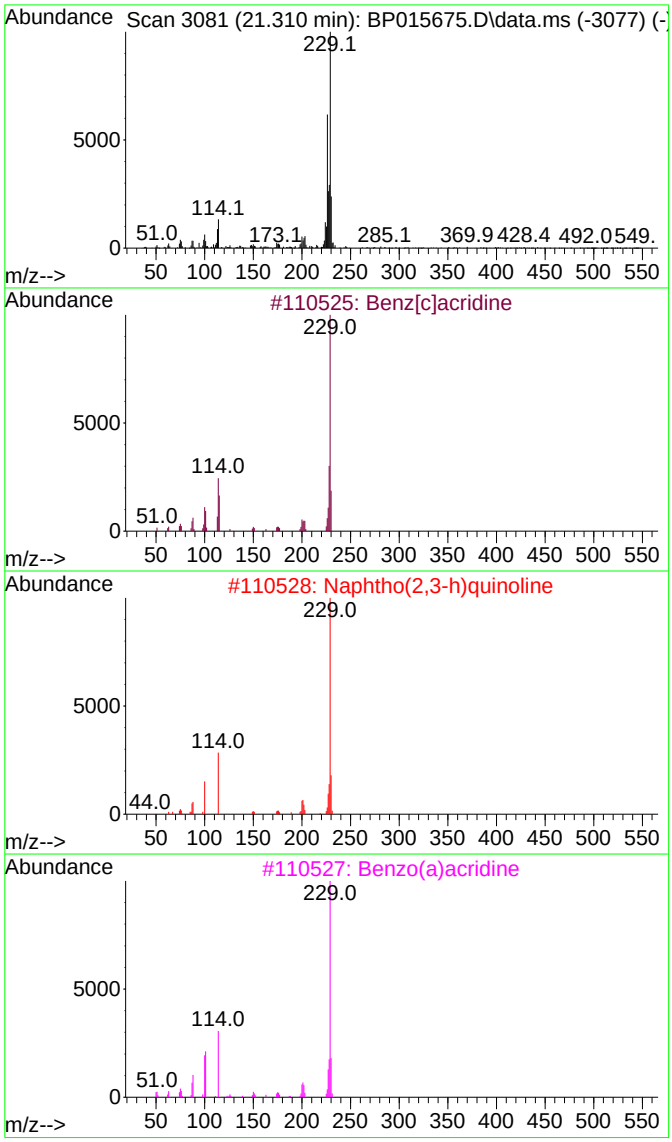
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

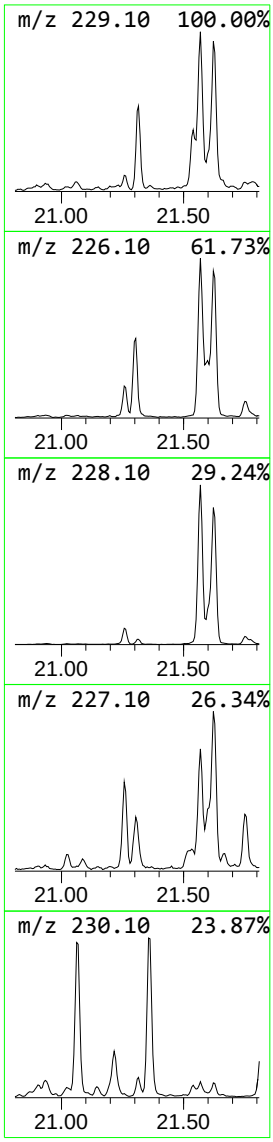
****

Peak Number 15 Benz[c]acridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.310	2.46 ng/ul	507050	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	64
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	60
3	Benzo(a)acridine	229	C17H11N	000225-11-6	53
4	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	43
5	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	40





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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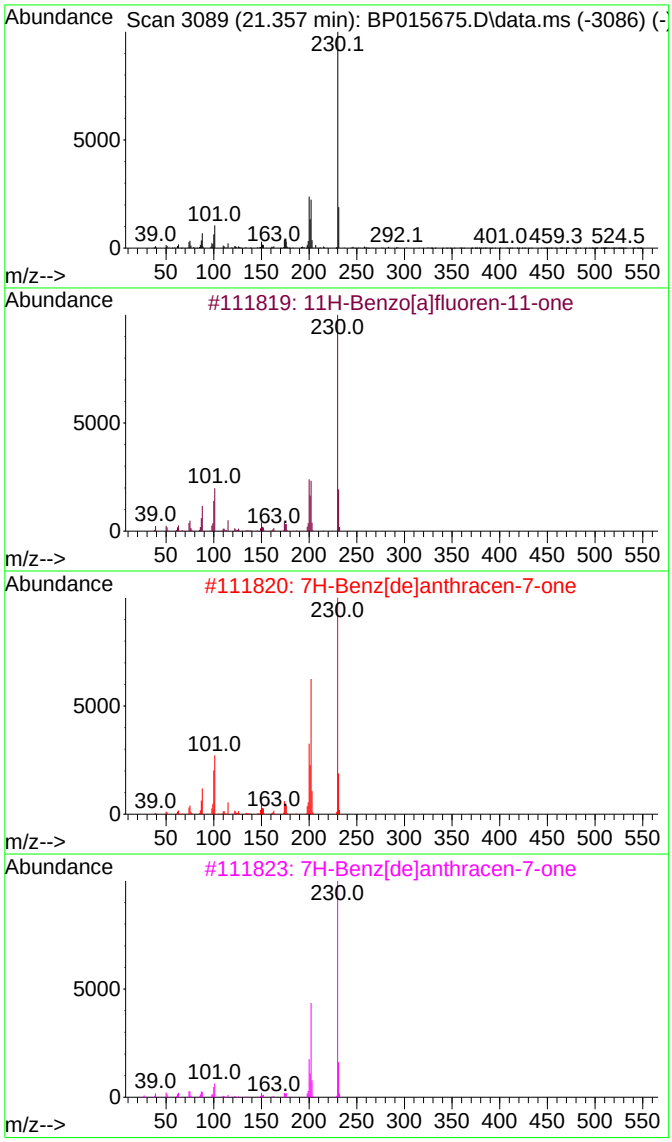
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

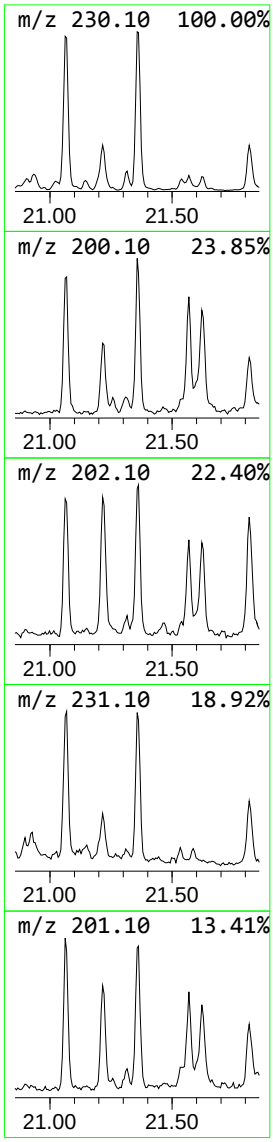
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.357	3.01 ng/ul	621214	Chrysene-d12	21.586

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	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	78
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76





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Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

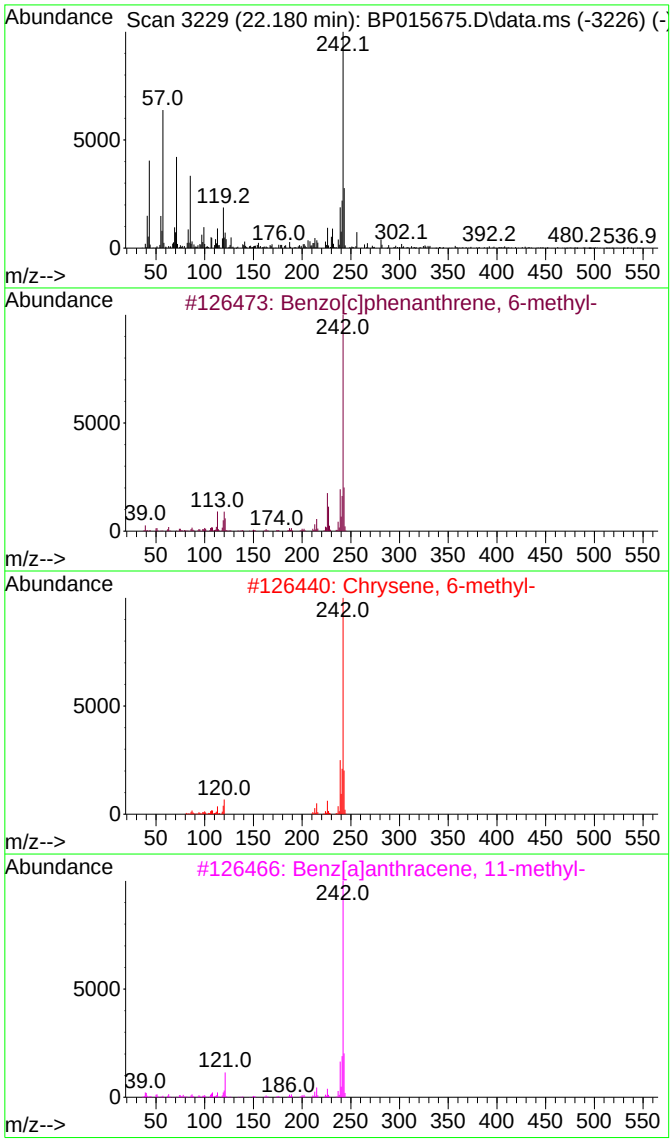
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

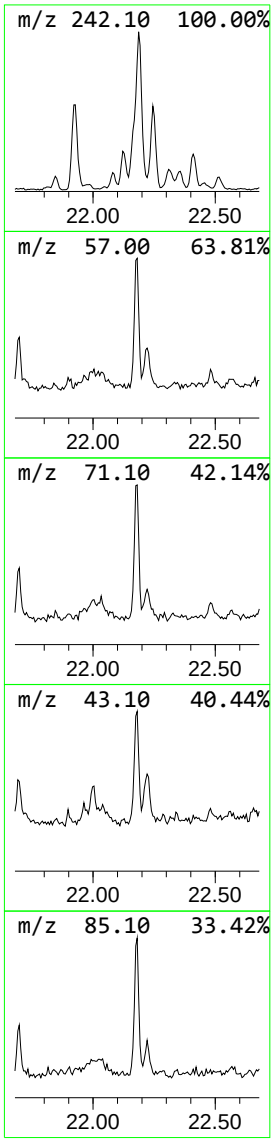
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[c]phenanthrene, 6-met... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.180	2.04 ng/ul	421327	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 6-methyl-	242	C19H14	002381-34-2	60
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	53
3	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	53
4	Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	49
5	Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

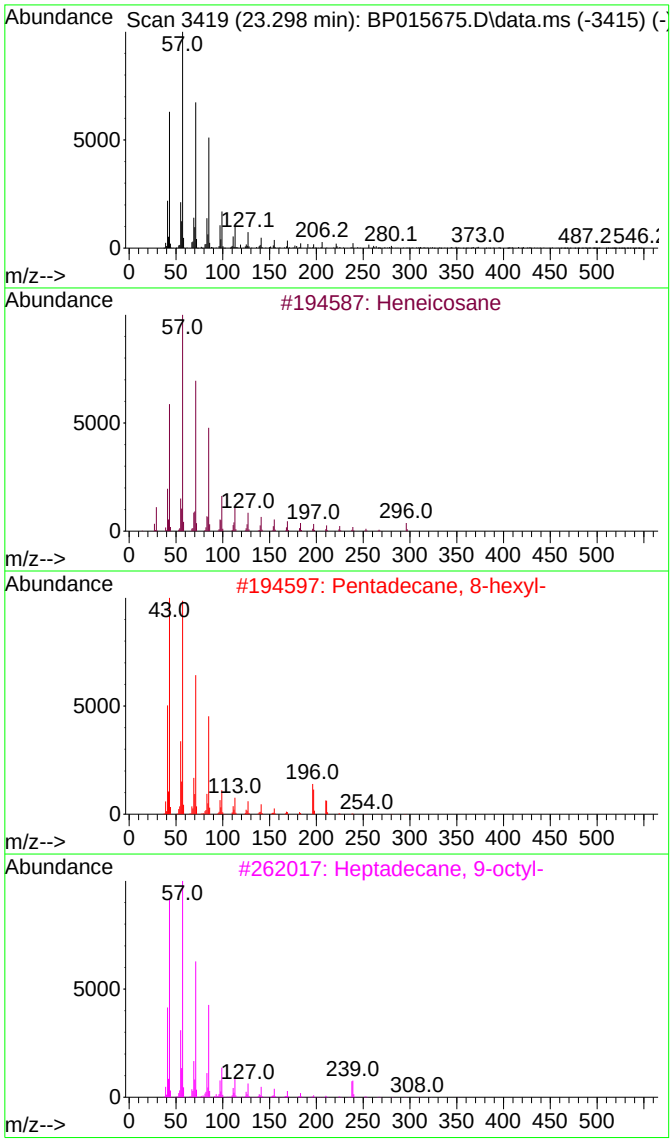
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

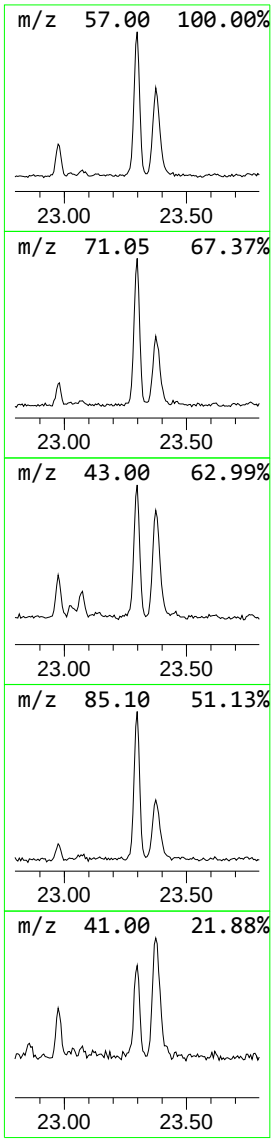
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.298	8.53 ng/ul	624057	Perylene-d12	24.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	2-Methylhentriacontane	451	C32H66	001720-12-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

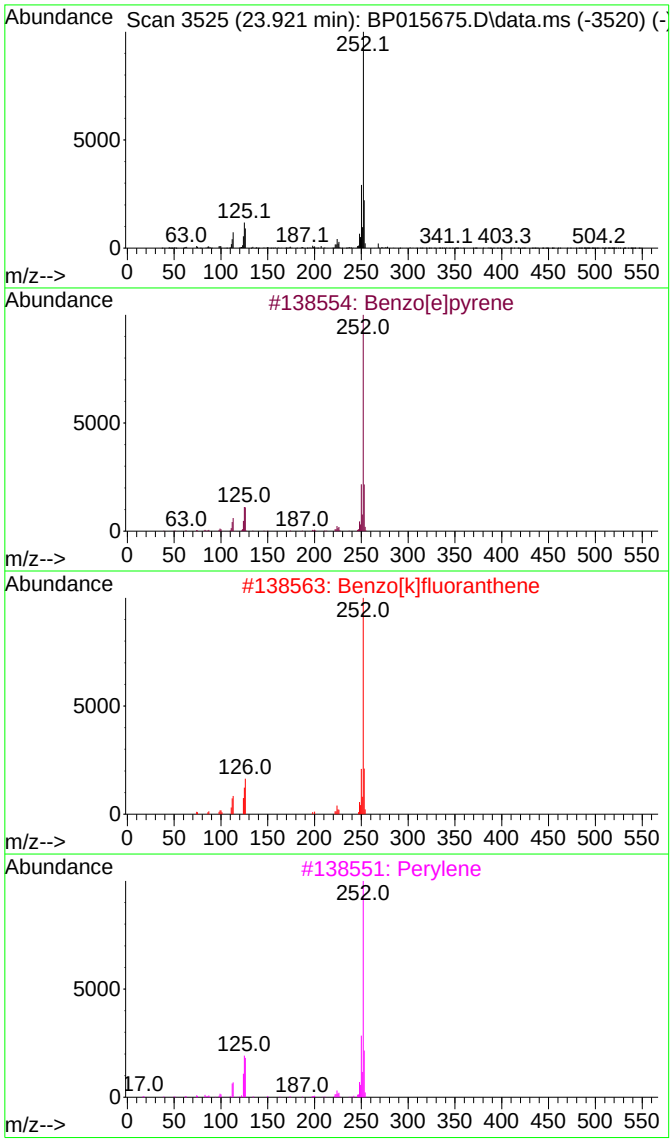
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

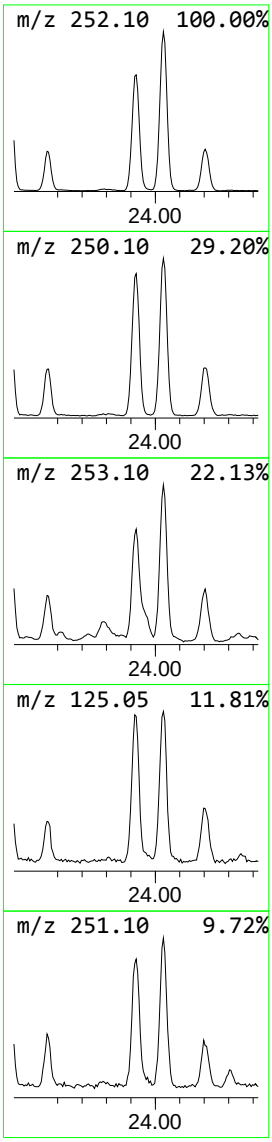
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.921	17.42 ng/ul	1275030	Perylene-d12	24.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

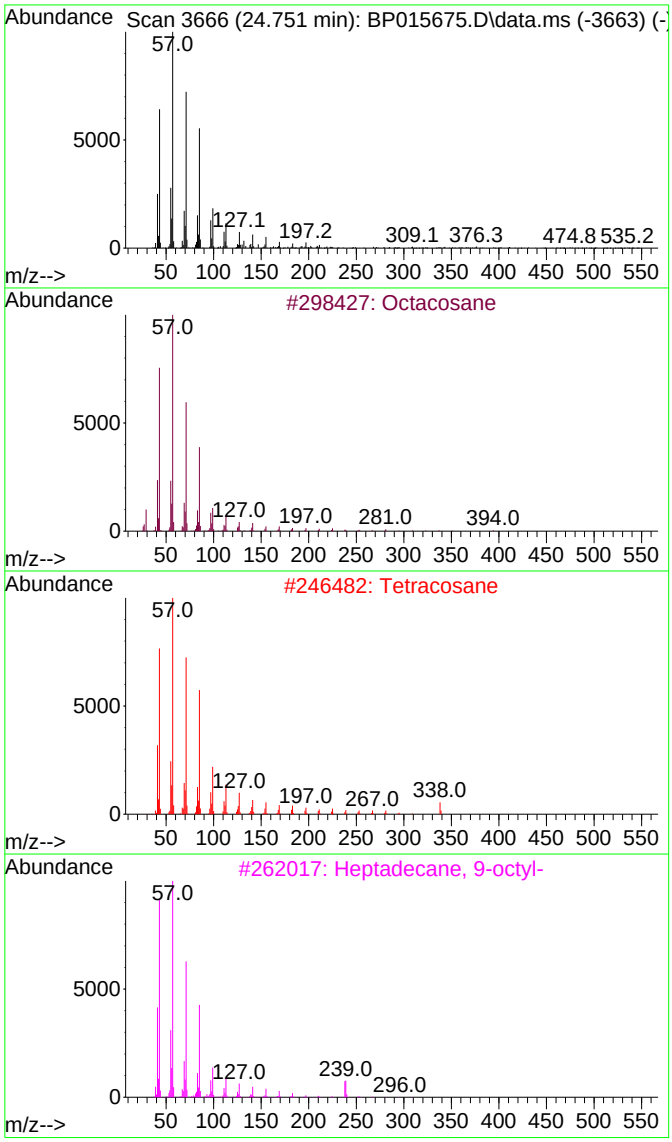
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

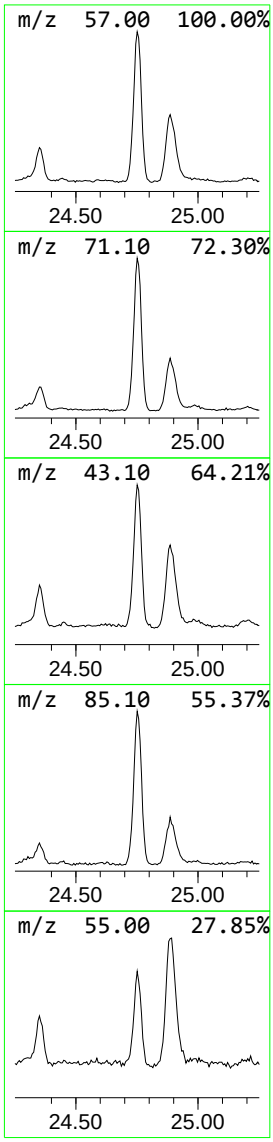
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.751	18.91 ng/ul	1383800	Perylene-d12	24.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

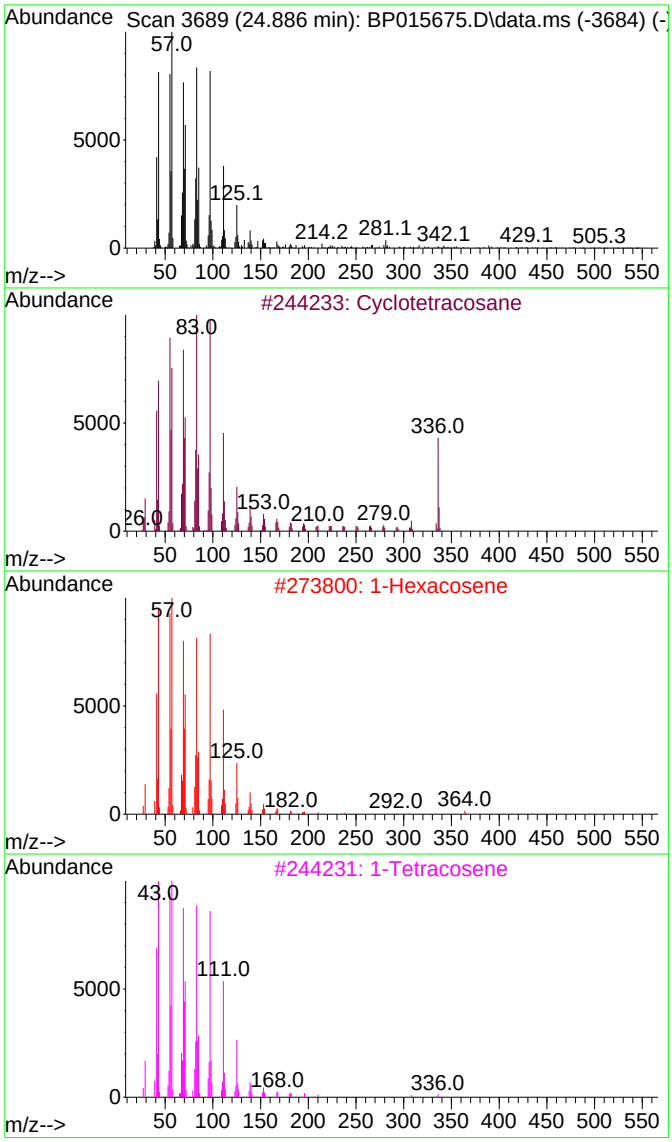
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

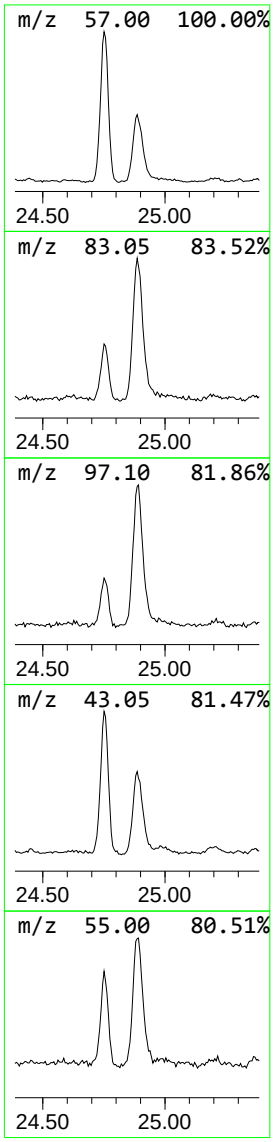
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic24.886 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.886	20.06 ng/ul	1468340	Perylene-d12	24.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Tetracosene	336	C24H48	010192-32-2	95
4	Nonacos-1-ene	406	C29H58	018835-35-3	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015675.D
Acq On : 23 Jun 2023 17:12
Operator : MA/JU
Sample : 03084-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFM9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.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
Methacrylamide	3.946	3.5	ng/ul	158286	1	8.081	909871	20.0
Benzophenone	16.092	3.2	ng/ul	200143	3	14.728	1262780	20.0
Carba zole	17.904	3.7	ng/ul	244238	4	17.492	1322230	20.0
n-Hexadecanoic ...	18.351	14.2	ng/ul	937935	4	17.492	1322230	20.0
Phenanthrene, 1...	18.398	5.9	ng/ul	389208	4	17.492	1322230	20.0
4H-Cyclopenta[d...	18.545	6.2	ng/ul	410352	4	17.492	1322230	20.0
5,16[1',2']:8,1...	18.833	2.5	ng/ul	163066	4	17.492	1322230	20.0
9,10-Anthracene...	18.886	4.1	ng/ul	268856	4	17.492	1322230	20.0
di-p-Tolylacety...	19.233	2.6	ng/ul	175140	4	17.492	1322230	20.0
Cyclopenta(def)...	19.386	3.4	ng/ul	225756	4	17.492	1322230	20.0
Pyrene, 1-methyl-	20.169	2.1	ng/ul	442905	5	21.586	4128660	20.0
11H-Benzo[a]flu...	21.063	3.4	ng/ul	697314	5	21.586	4128660	20.0
Benzo[b]naphtho...	21.221	3.1	ng/ul	640590	5	21.586	4128660	20.0
Cyclopenta(cd)p...	21.257	4.2	ng/ul	865831	5	21.586	4128660	20.0
Benz[c]acridine	21.310	2.5	ng/ul	507050	5	21.586	4128660	20.0
7H-Benz[de]anth...	21.357	3.0	ng/ul	621214	5	21.586	4128660	20.0
Benzo[c]phenant...	22.180	2.0	ng/ul	421327	5	21.586	4128660	20.0
(DEL) Alkane: S...	23.298	8.5	ng/ul	624057	6	24.145	1463840	20.0
Benzo[e]pyrene	23.921	17.4	ng/ul	1275030	6	24.145	1463840	20.0
(DEL) Alkane: S...	24.751	18.9	ng/ul	1383800	6	24.145	1463840	20.0
(DEL) Alkane: C...	24.886	20.1	ng/ul	1468340	6	24.145	1463840	20.0