LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018018.D
Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI3

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-BP110923.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018018.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	24	28	38	rVB	13138	23161	0.78%	0.057%
2	3.793	116	120	124	rVV2	34937	44509	1.49%	0.110%
3	3.864	127	132	144	rVB	26774	41646	1.40%	0.103%
4	4.911	305	310	316	rBV	31054	42669	1.43%	0.105%
5	5.822	459	465	471	rBV5	8986	19315	0.65%	0.048%
6	7.034	664	671	688	rBV	229770	494020	16.57%	1.220%
7	7.216	695	702	712	rBV	196846	329982	11.06%	0.815%
8	7.387	724	731	742	rBV	263476	429995	14.42%	1.062%
9	7.864	806	812	821	rBV	334791	534051	17.91%	1.319%
10	8.399	893	903	912	rBV2	18431	40717	1.37%	0.101%
11	8.593	927	936	950	rBV	164301	323954	10.86%	0.800%
12	8.722	950	958	970	rVV	294254	495498	16.62%	1.224%
13	9.069	1007	1017	1035	rBV	257313	467615	15.68%	1.155%
14	9.781	1130	1138	1150	rBV	202642	374415	12.55%	0.925%
15	9.958	1162	1168	1185	rBV	47610	125126	4.20%	0.309%
16	10.158	1196	1202	1208	rBV2	27341	49079	1.65%	0.121%
17	10.310	1223	1228	1247	rVB	264515	534938	17.94%	1.321%
18	10.687	1284	1292	1298	rBV	448340	751479	25.20%	1.856%
19	10.740	1298	1301	1310	rVB4	14941	28730	0.96%	0.071%
20	10.869	1316	1323	1341	rBV	89753	205866	6.90%	0.508%
21	11.257	1382	1389	1404	rBV	12395	44394	1.49%	0.110%
22	11.546	1430	1438	1444	rBV3	10634	25344	0.85%	0.063%
23	12.252	1551	1558	1560	rBV2	13393	25180	0.84%	0.062%
24	12.352	1569	1575	1581	rBV	17192	27246	0.91%	0.067%
25	12.575	1606	1613	1620	rBV2	11210	23082	0.77%	0.057%
26	13.375	1740	1749	1762	rBV	311717	506674	16.99%	1.251%
27	13.487	1762	1768	1775	rBV7	7767	19740	0.66%	0.049%
28	13.710	1798	1806	1810	rVV7	9797	22929	0.77%	0.057%
29	13.851	1824	1830	1835	rBV2	15369	28959	0.97%	0.072%
30	13.957	1842	1848	1854	rBV	626577	830330	27.84%	2.051%
31	14.087	1863	1870	1874	rBV3	14682	27659	0.93%	0.068%
32	14.240	1889	1896	1907	rVV2	674810	1138274	38.17%	2.811%
33	14.540	1939	1947	1953	rVV	692315	1038098	34.81%	2.564%
34	14.604	1953	1958	1964	rVV	148016	223154	7.48%	0.551%
35	14.734	1974	1980	1985	rBV10	8888	18173	0.61%	0.045%
36	14.810	1988	1993	2008	rVV3	80895	247022	8.28%	0.610%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018018.D
Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI3

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-BP110923.MA.M
Title : SVOA CALIBRATION

37	14.946	2010	2016	2020	rVV	52062	106184	3.56%	0.262%
38	15.004	2023	2026	2038	rVB8	21201	50230	1.68%	0.124%
39	15.146	2044	2050	2055	rVV6	11241	23808	0.80%	0.059%
40	15.363	2083	2087	2093	rVB3	13620	21766	0.73%	0.054%
41	15.540	2109	2117	2123	rBV	932935	1289627	43.24%	3.185%
42	15.598	2123	2127	2134	rVB	110223	163186	5.47%	0.403%
43	15.693	2138	2143	2152	rBV3	154699	275412	9.24%	0.680%
44	15.887	2172	2176	2180	rVB	22467	29750	1.00%	0.073%
45	16.034	2194	2201	2202	rBV5	15728	27804	0.93%	0.069%
46	16.128	2213	2217	2223	rVB7	10958	17686	0.59%	0.044%
47	16.198	2224	2229	2231	rBV	34077	52473	1.76%	0.130%
48	16.228	2231	2234	2243	rVB3	34368	57005	1.91%	0.141%
49	16.310	2243	2248	2253	rBV	38205	54450	1.83%	0.134%
50	16.481	2271	2277	2285	rVB7	12926	24976	0.84%	0.062%
51	16.598	2294	2297	2301	rVB4	31410	44641	1.50%	0.110%
52	16.892	2344	2347	2353	rVB2	26753	35911	1.20%	0.089%
53	16.957	2353	2358	2360	rBV3	37867	63893	2.14%	0.158%
54	16.987	2360	2363	2367	rVV2	47097	75219	2.52%	0.186%
55	17.034	2367	2371	2377	rVB3	48483	78108	2.62%	0.193%
56	17.140	2384	2389	2393	rVB	30895	45732	1.53%	0.113%
57	17.316	2413	2419	2423	rBV	868953	1198232	40.18%	2.960%
58	17.363	2423	2427	2431	rVV	412835	572591	19.20%	1.414%
59	17.416	2431	2436	2440	rVV2	917230	1432242	48.03%	3.538%
60	17.457	2440	2443	2451	rVV	651343	893909	29.97%	2.208%
61	17.534	2452	2456	2461	rVB	46222	67411	2.26%	0.167%
62	17.751	2482	2493	2499	rBV	152408	304586	10.21%	0.752%
63	17.834	2504	2507	2510	rVB	34800	44504	1.49%	0.110%
64	17.904	2515	2519	2522	rBV5	19213	28842	0.97%	0.071%
65	18.169	2559	2564	2571	rBV4	159428	333553	11.18%	0.824%
66	18.234	2571	2575	2583	rVV2	80659	158483	5.31%	0.391%
67	18.310	2584	2588	2594	rVV	76402	110185	3.69%	0.272%
68	18.381	2594	2600	2603	rVV2	205066	339676	11.39%	0.839%
69	18.416	2603	2606	2614	rVB4	77968	133617	4.48%	0.330%
70	18.675	2646	2650	2653	rVB	96696	110583	3.71%	0.273%
71	18.739	2658	2661	2664	rVV	109724	157109	5.27%	0.388%
72	18.769	2664	2666	2671	rVB2	98170	121389	4.07%	0.300%
73	18.875	2680	2684	2687	rBV2	70964	88851	2.98%	0.219%
74	18.992	2700	2704	2708	rBV	108957	164754	5.52%	0.407%
75	19.069	2713	2717	2721	rVB2	69293	111681	3.74%	0.276%
76	19.234	2741	2745	2755	rVB	422945	689994	23.14%	1.704%

LSC Area Percent Report

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Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI3

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Title : SVOA CALIBRATION

77	19.339	2758	2763	2771	rVB	1816068	2982220	100.00%	7.366%
78	19.669	2813	2819	2822	rBV2	1472460	2368129	79.41%	5.849%
79	19.698	2822	2824	2831	rVV	1718659	2109980	70.75%	5.211%
80	19.757	2831	2834	2838	rVB2	83257	116587	3.91%	0.288%
81	19.875	2850	2854	2858	rVB	161664	202814	6.80%	0.501%
82	19.951	2865	2867	2870	rVB	69899	74606	2.50%	0.184%
83	20.004	2871	2876	2878	rBV5	144747	235673	7.90%	0.582%
84	20.081	2886	2889	2894	rBV3	63711	125334	4.20%	0.310%
85	20.157	2894	2902	2903	rBV4	156912	350964	11.77%	0.867%
86	20.281	2919	2923	2925	rBV	162522	223866	7.51%	0.553%
87	20.475	2952	2956	2959	rVB	170064	185021	6.20%	0.457%
88	20.522	2961	2964	2968	rVB3	88802	100319	3.36%	0.248%
89	20.928	3030	3033	3038	rVB	173455	220621	7.40%	0.545%
90	21.086	3056	3060	3062	rBV2	288601	363498	12.19%	0.898%
91	21.122	3063	3066	3070	rVV2	332767	507537	17.02%	1.254%
92	21.163	3070	3073	3079	rVV2	265841	402463	13.50%	0.994%
93	21.228	3082	3084	3089	rVB	165556	173350	5.81%	0.428%
94	21.445	3111	3121	3125	rBV2	1194103	2980944	99.96%	7.363%
95	21.480	3125	3127	3132	rVB	1009776	1239212	41.55%	3.061%
96	23.180	3410	3416	3422	rBV	889288	2284914	76.62%	5.644%
97	23.733	3505	3510	3514	rBV	477213	892154	29.92%	2.204%
98	23.792	3515	3520	3525	rVV2	715944	1422704	47.71%	3.514%
99	23.845	3525	3529	3536	rVB	389010	753682	25.27%	1.862%
100	23.957	3543	3548	3554	rBV	519845	967418	32.44%	2.389%

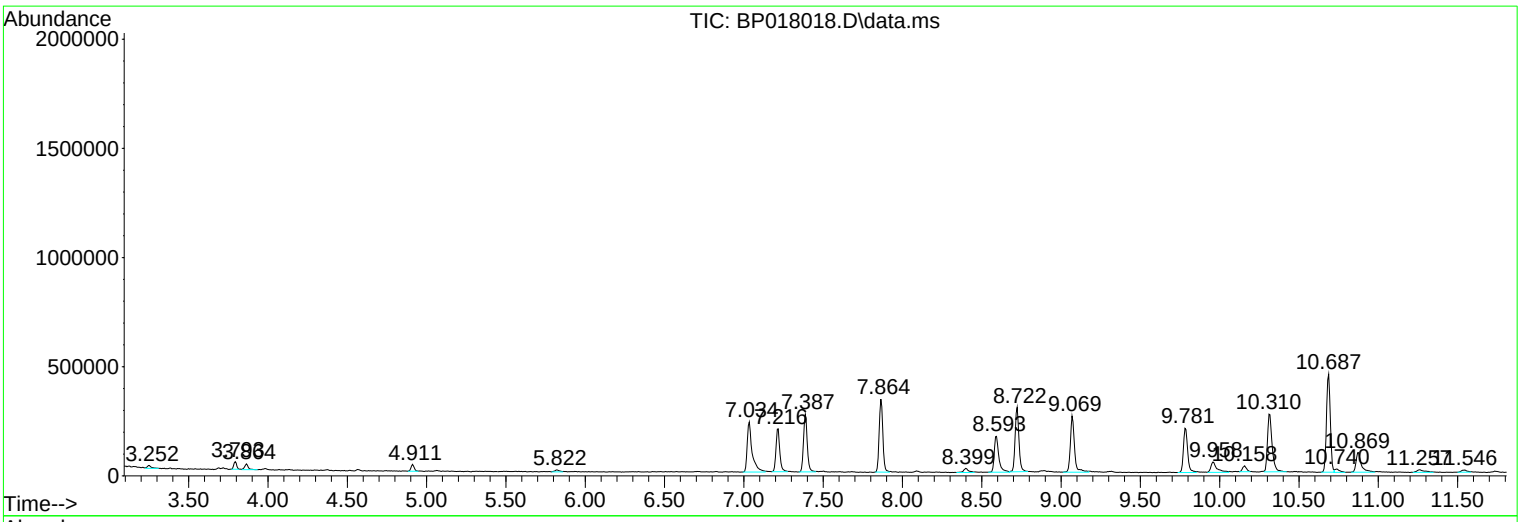
Sum of corrected areas: 40487086

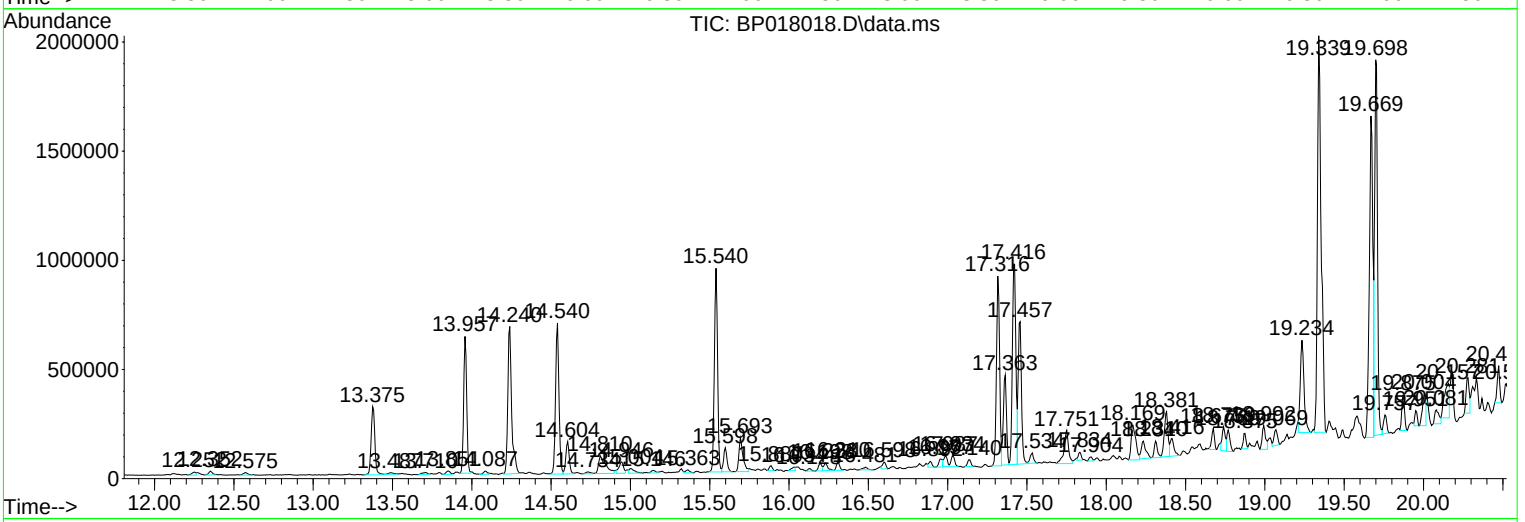
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018018.D
Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

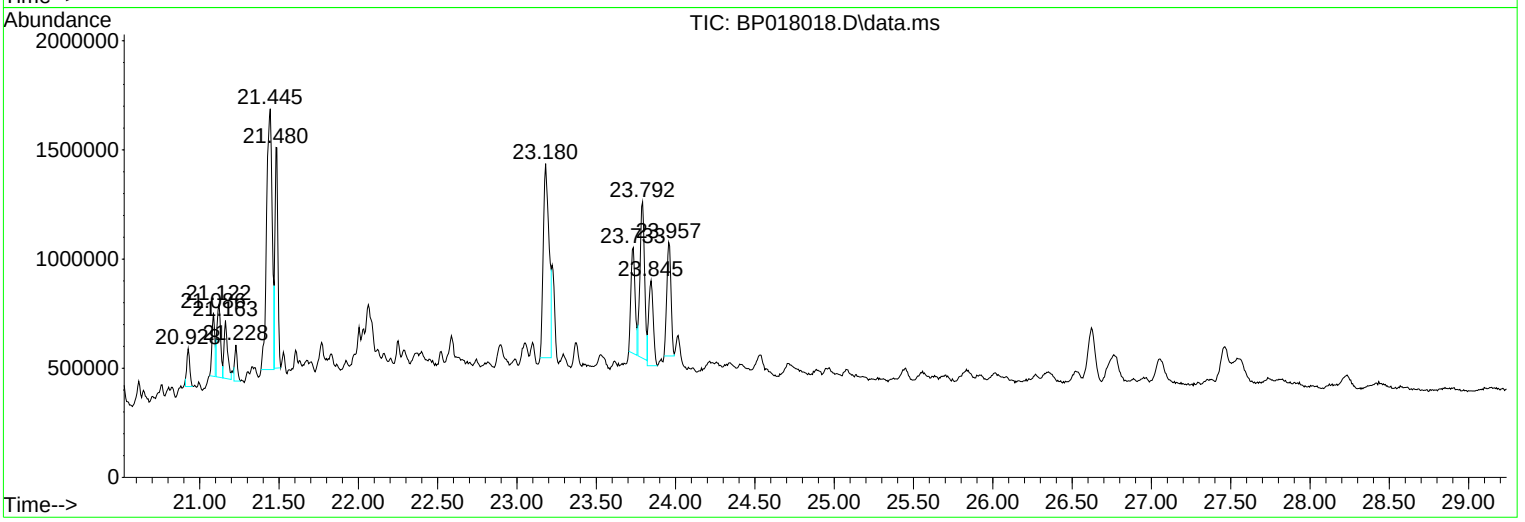
Instrument :
BNA_P
ClientSampleId :
DCKI3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.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\BP110923\
Data File : BP018018.D
Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

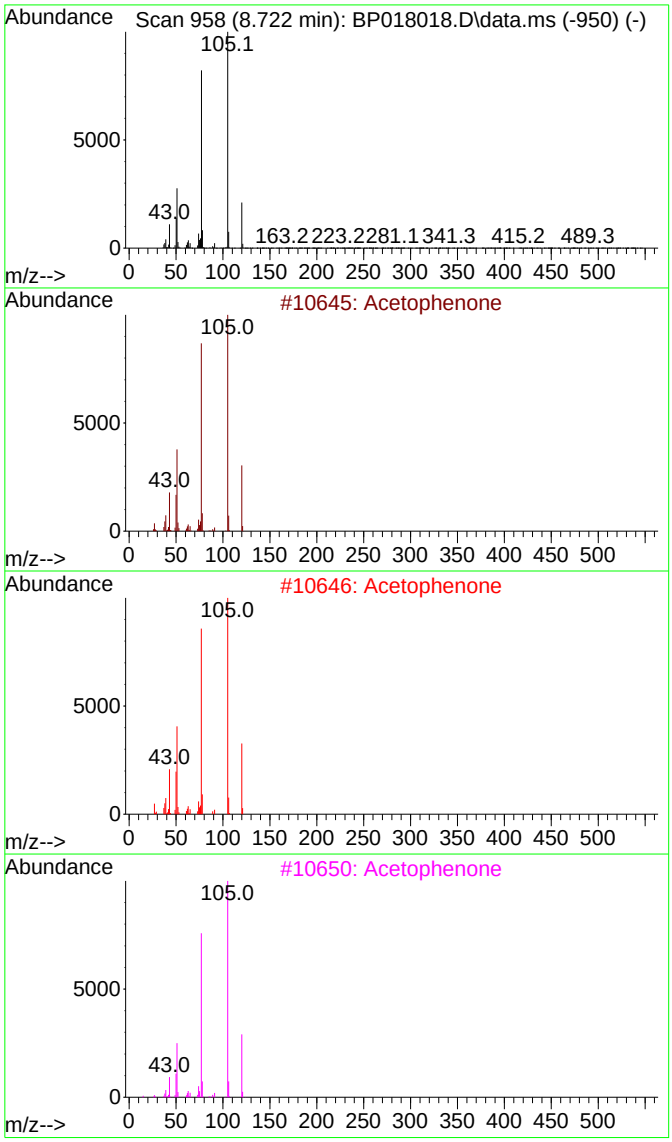
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

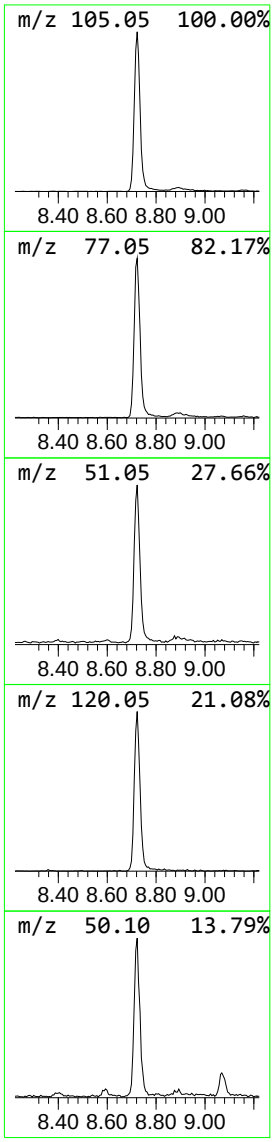
****

Peak Number 1 Aceto phenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	18.56 ng/ul	495498	1,4-Dichlorobenzene-d4	7.864

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	97
2	Acetophenone	120	C8H8O	000098-86-2	94
3	Acetophenone	120	C8H8O	000098-86-2	93
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91





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Data File : BP018018.D
Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

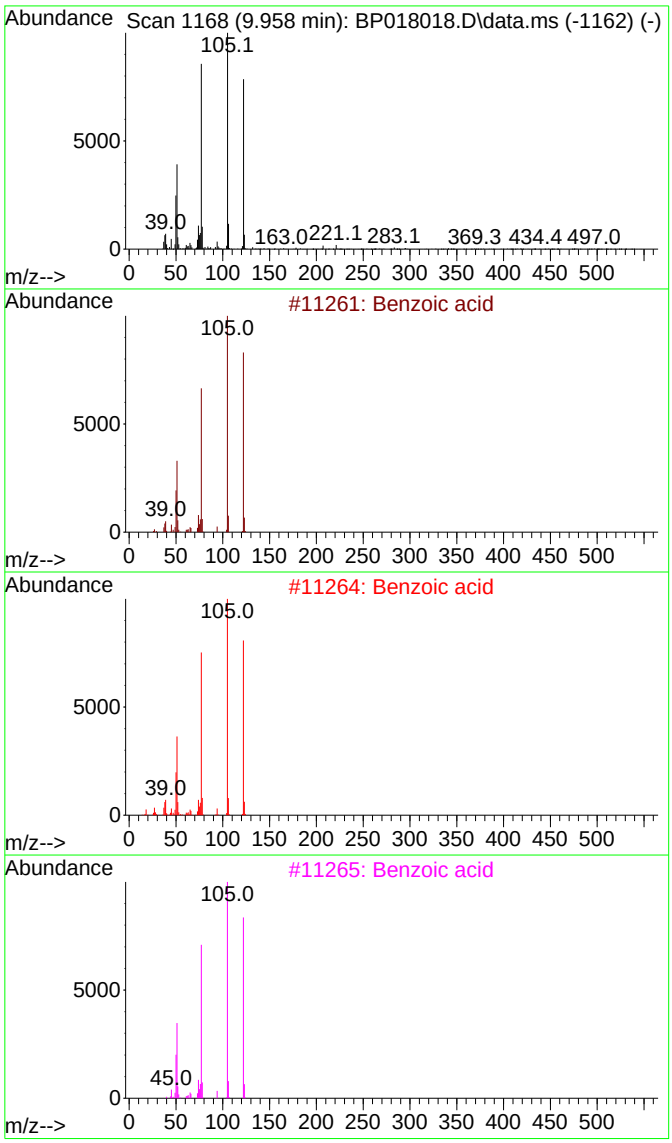
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

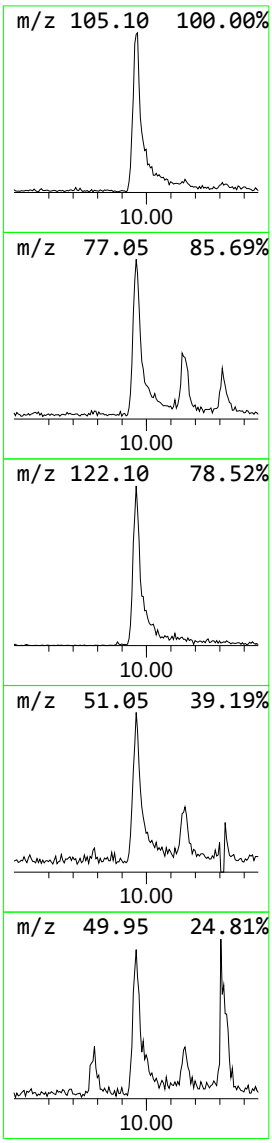
****

Peak Number 2 Benzoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.958	3.33 ng/ul	125126	Naphthalene-d8	10.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	97
2	Benzoic acid	122	C7H6O2	000065-85-0	97
3	Benzoic acid	122	C7H6O2	000065-85-0	96
4	Benzoic acid	122	C7H6O2	000065-85-0	93
5	Benzoic acid	122	C7H6O2	000065-85-0	91





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
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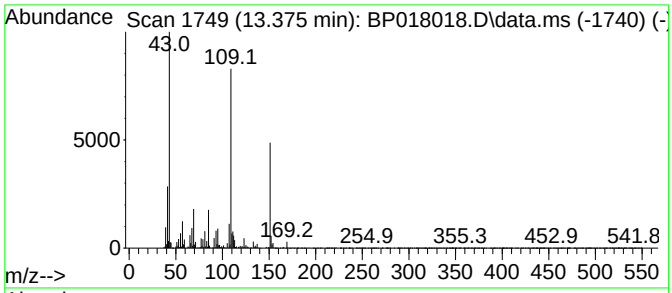
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

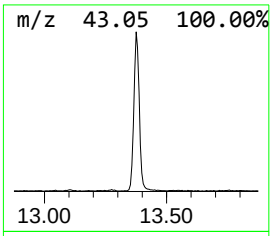
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

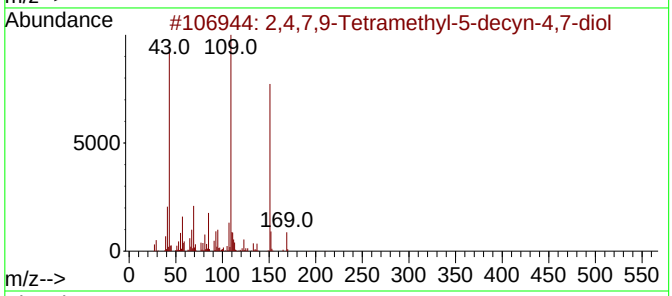
****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

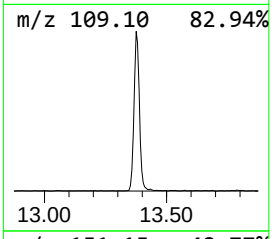
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	9.76 ng/ul	506674	Acenaphthene-d10	14.540

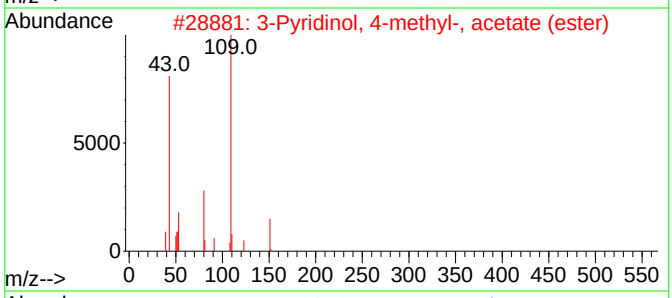
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	68
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	Acetaminophen	151	C8H9NO2	000103-90-2	53
5	N-(4-tert-Butoxyphenyl)acetamide	207	C12H17NO2	002109-73-1	53

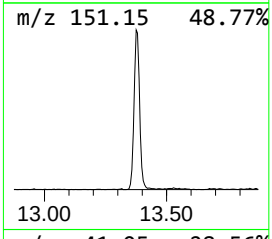


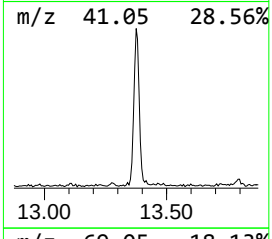


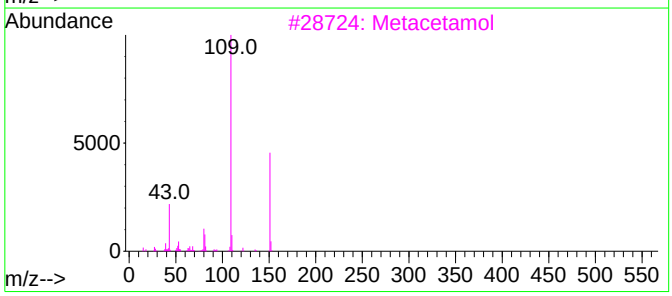


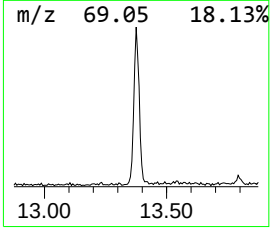












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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

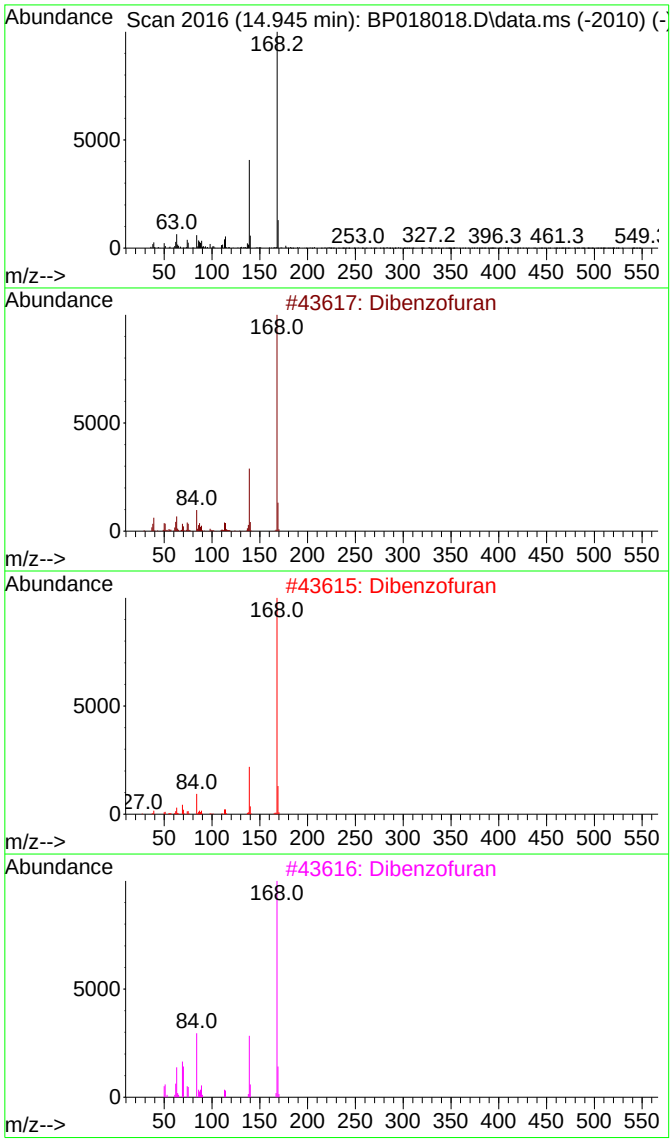
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

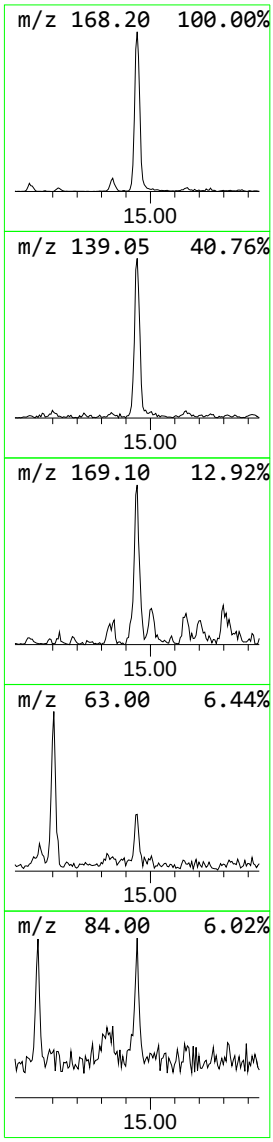
****

Peak Number 4 Dibenzo furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	2.05 ng/ul	106184	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	78
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	56
5	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	53





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Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI3

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Quant Title : SVOA CALIBRATION

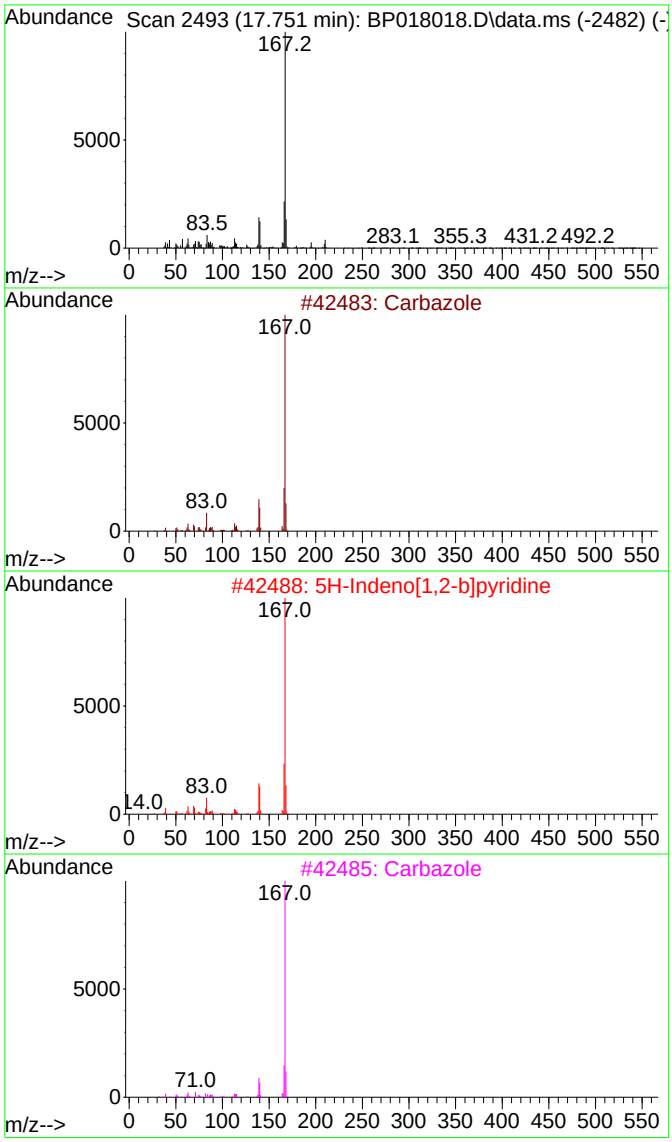
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

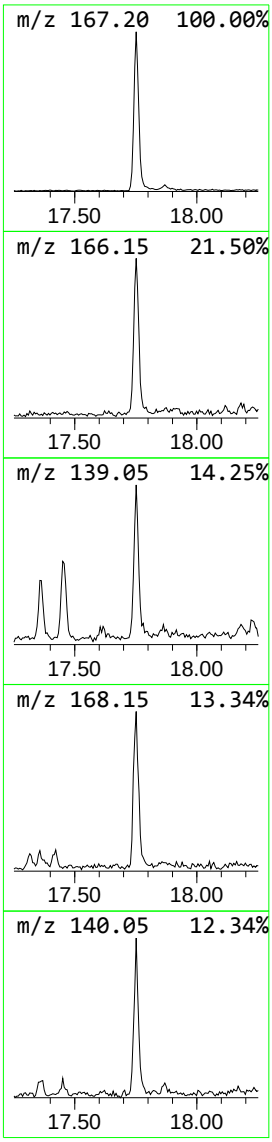
****

Peak Number 5 Carba zole Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	5.08 ng/ul	304586	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	94
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
3	Carbazole	167	C12H9N	000086-74-8	90
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	90
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87





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Sample : 05091-06
Misc :
ALS Vial : 25 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

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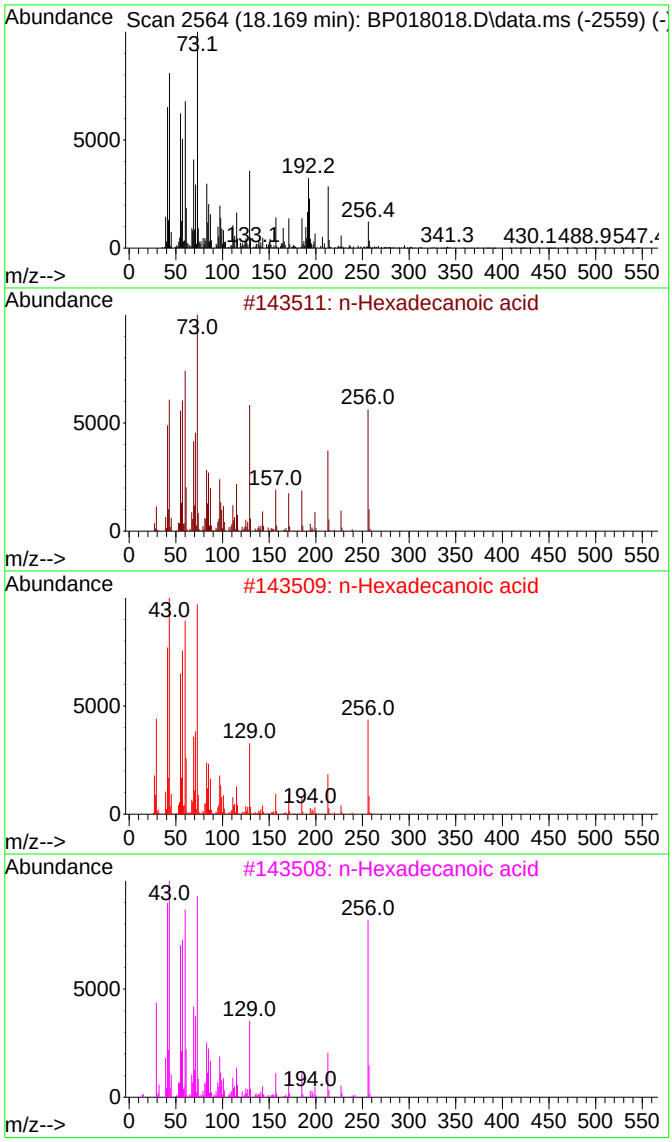
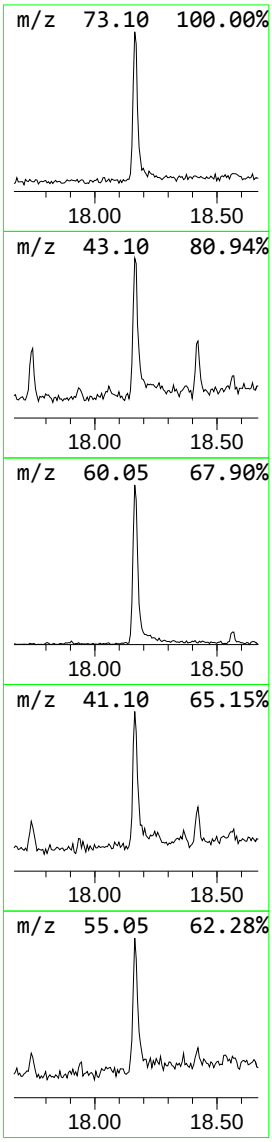
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	5.57 ng/ul	333553	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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ClientSampleId :
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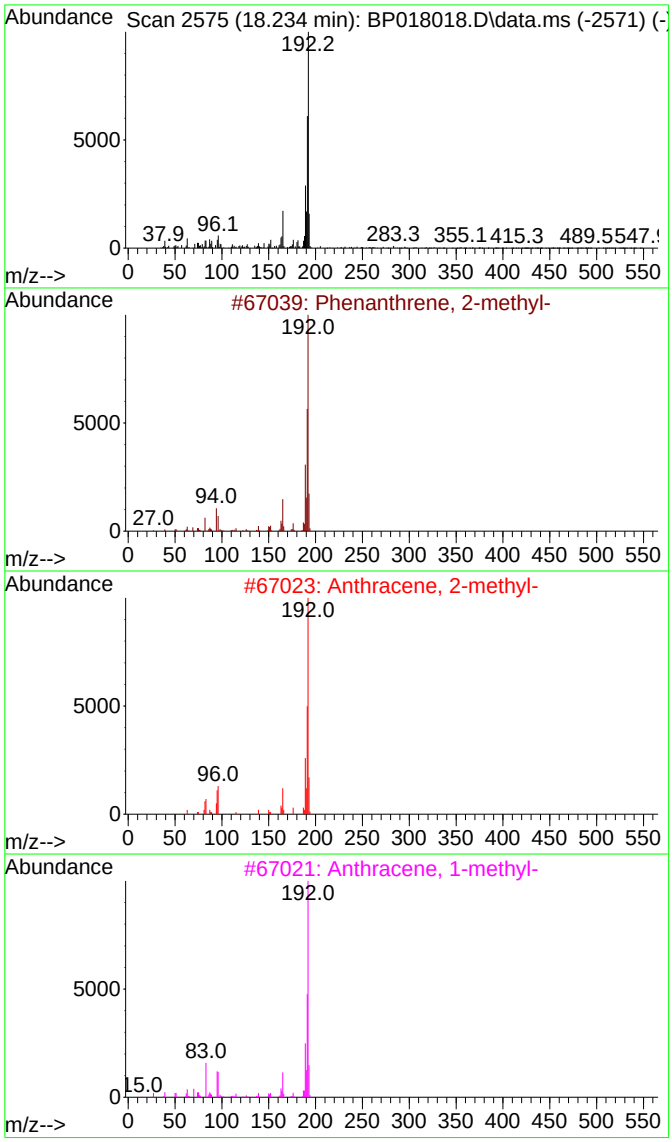
Quant Title : SVOA CALIBRATION

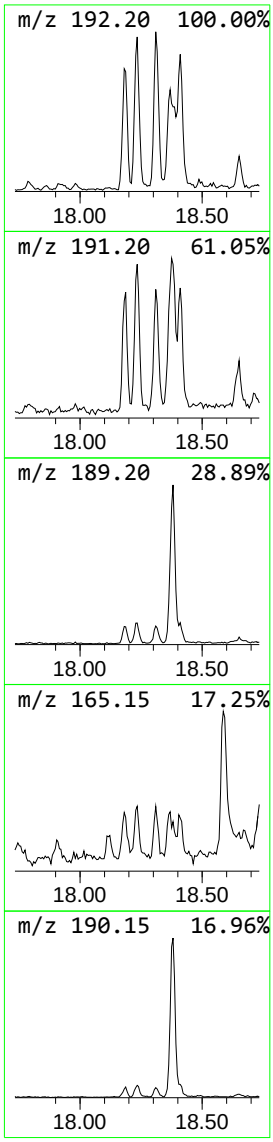
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.234	2.65 ng/ul	158483	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

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BNA_P
ClientSampleId :
DCKI3

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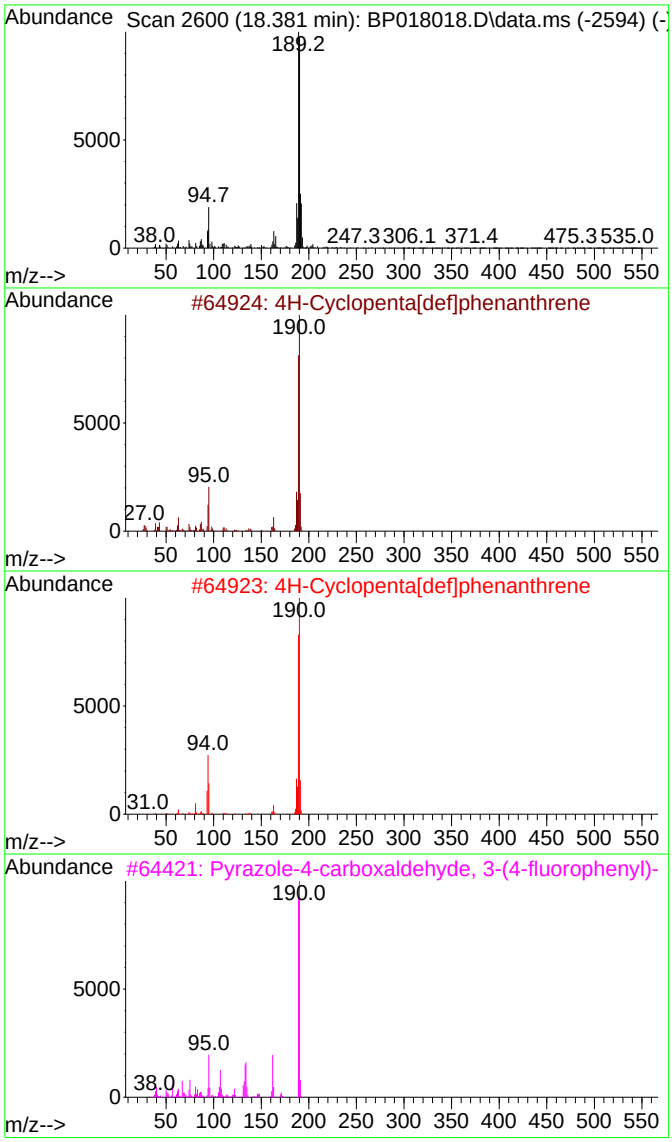
Quant Title : SVOA CALIBRATION

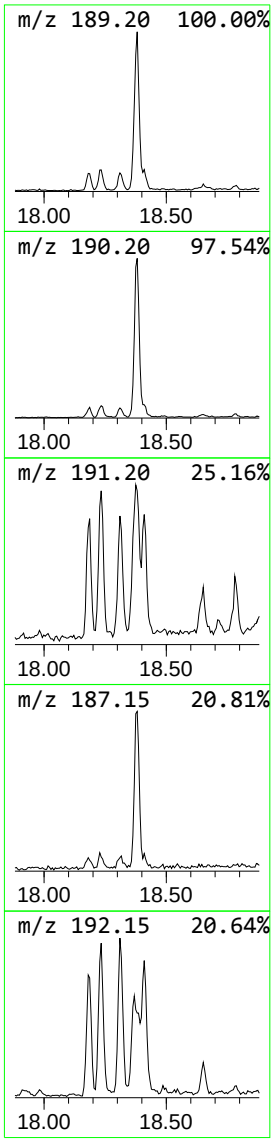
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	5.67 ng/ul	339676	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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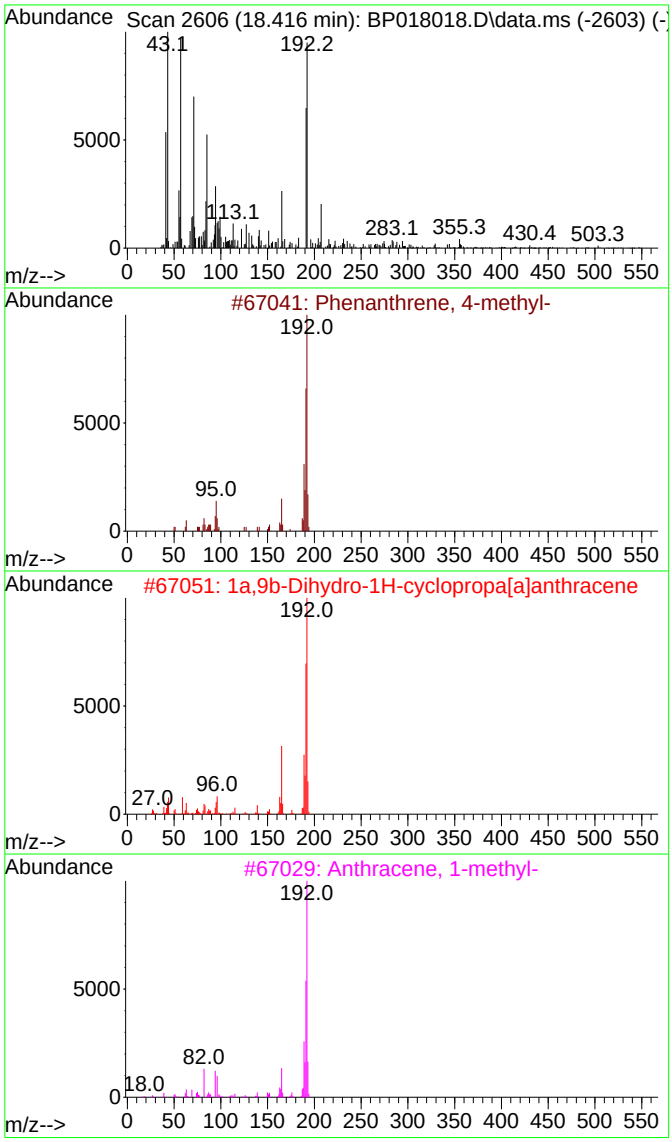
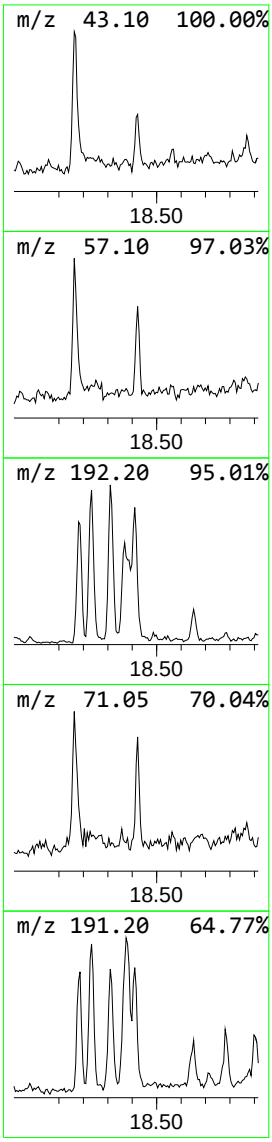
Peak Number 9 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	2.23 ng/ul	133617	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	27





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Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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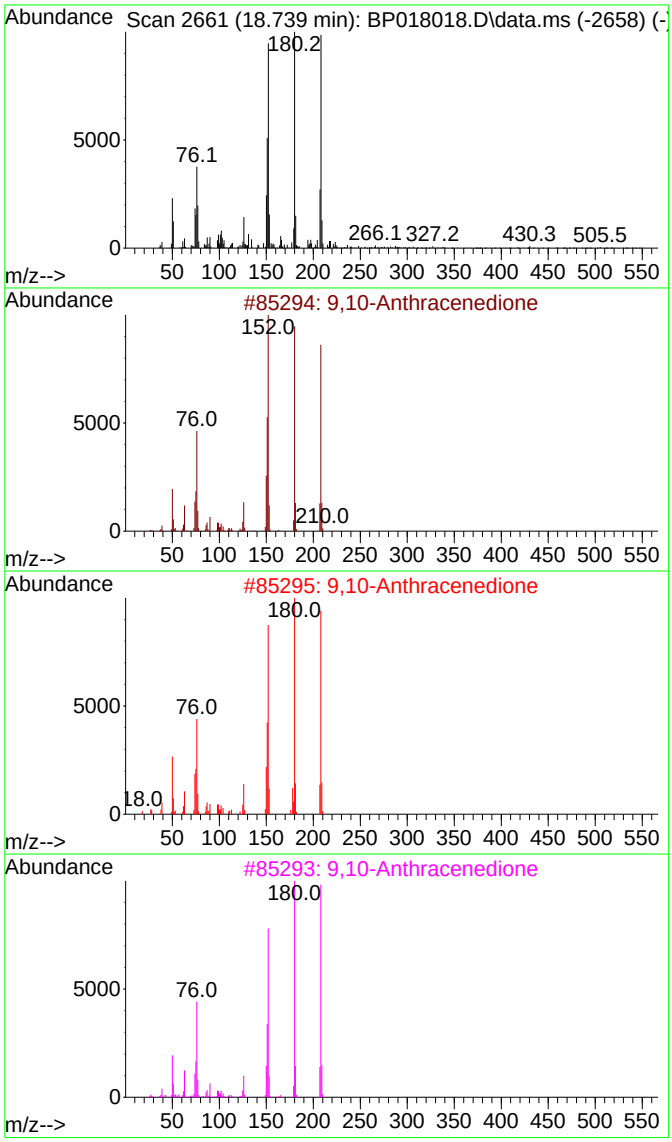
Quant Title : SVOA CALIBRATION

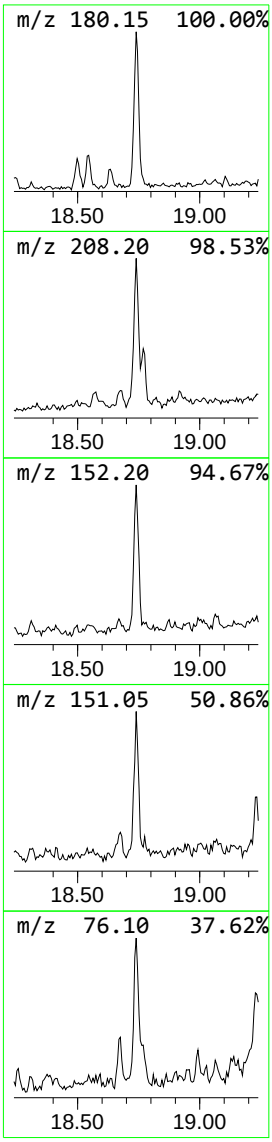
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	2.62 ng/ul	157109	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	86





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Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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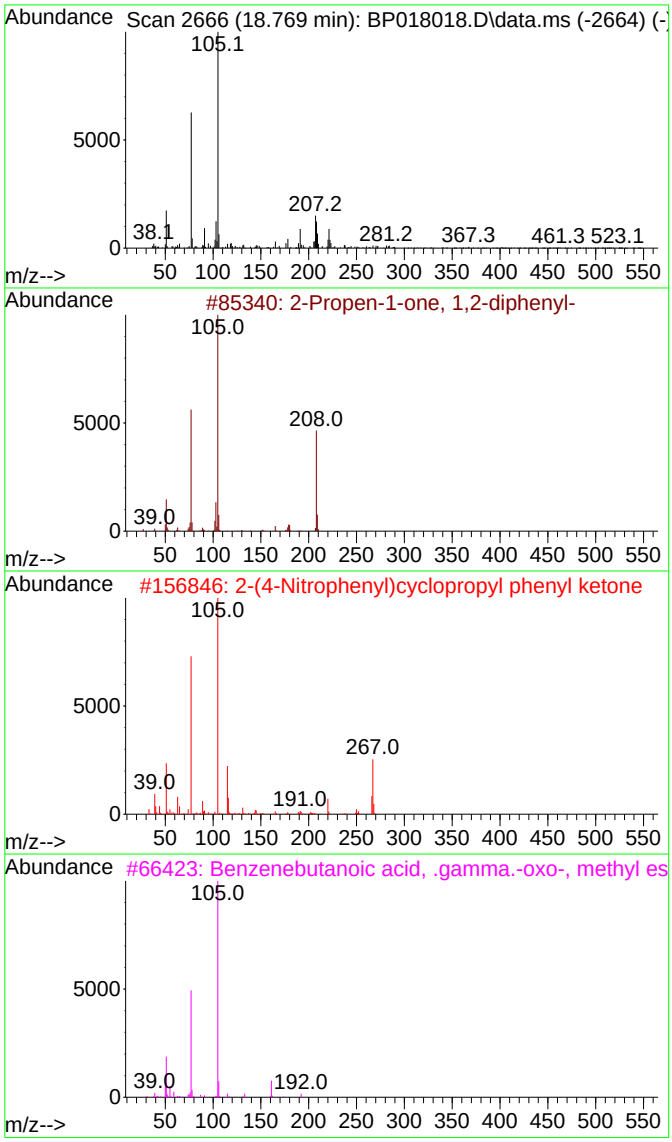
Quant Title : SVOA CALIBRATION

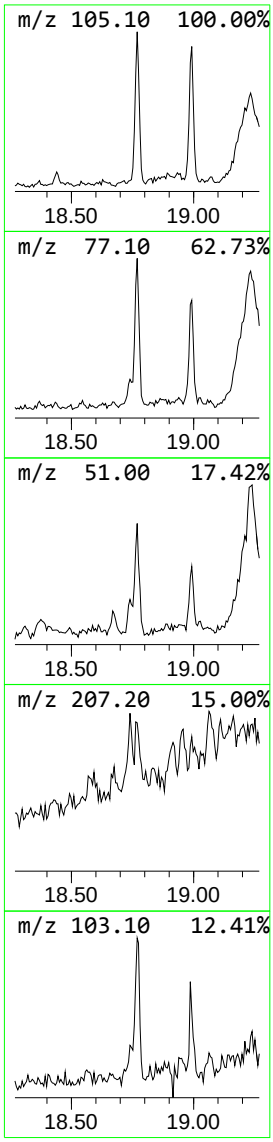
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Propen-1-one, 1,2-diphenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.769	2.03 ng/ul	121389	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1,2-diphenyl-	208	C15H12O	004452-11-3	68
2	2-(4-Nitrophenyl)cyclopropyl phe...	267	C16H13NO3	1000225-48-6	47
3	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	46
4	Benzamide, N-methyl-N-(2'-t-buty...	295	C19H21NO2	163064-62-8	46
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	46





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Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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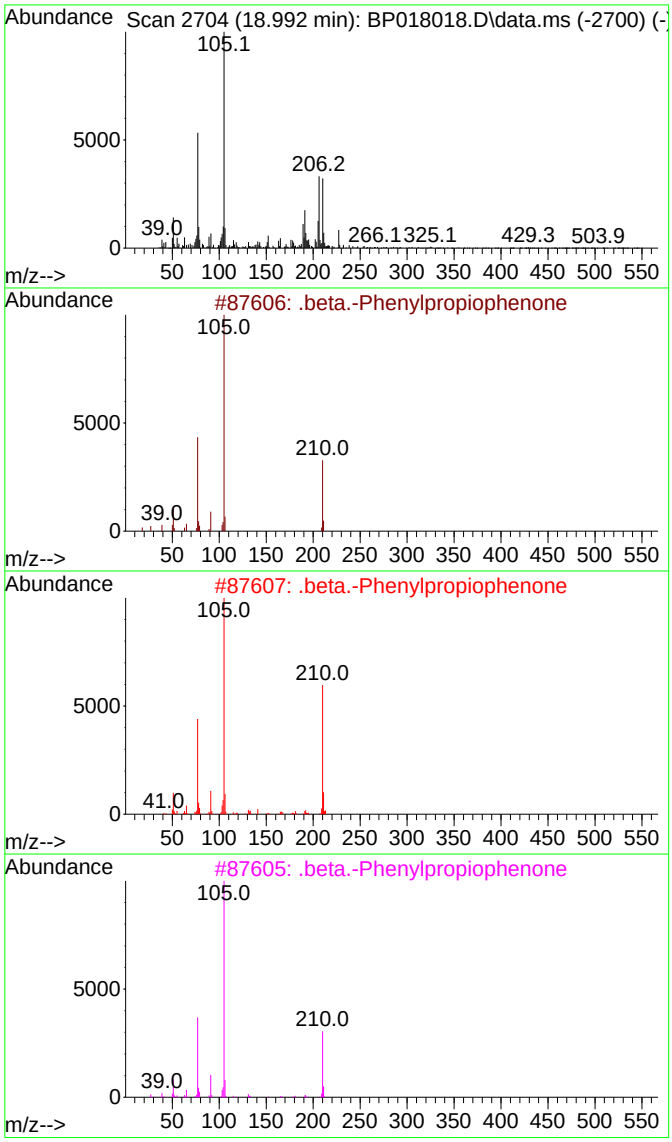
Quant Title : SVOA CALIBRATION

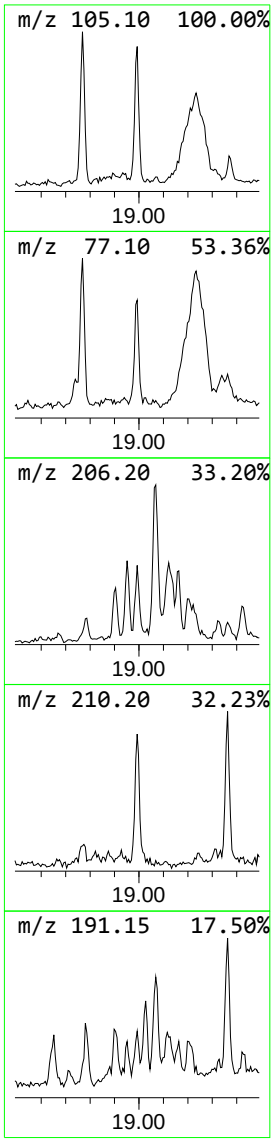
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 .beta.-Phenylpropiophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	2.75 ng/ul	164754	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Phenylpropiophenone	210	C15H14O	001083-30-3	60
2	.beta.-Phenylpropiophenone	210	C15H14O	001083-30-3	53
3	.beta.-Phenylpropiophenone	210	C15H14O	001083-30-3	53
4	4-Phenylazobenzaldehyde	210	C13H10N2O	003516-76-5	47
5	N-[(1S,2R)-2,3-Dihydroxy-1-pheny...	271	C16H17NO3	103150-32-9	47





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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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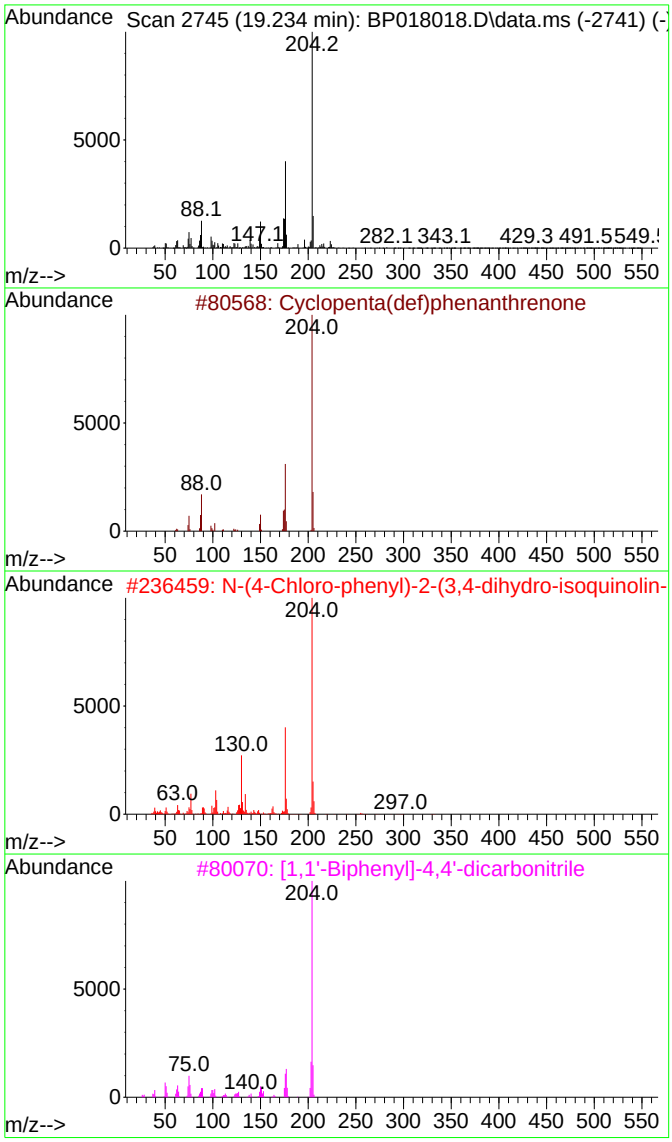
Quant Title : SVOA CALIBRATION

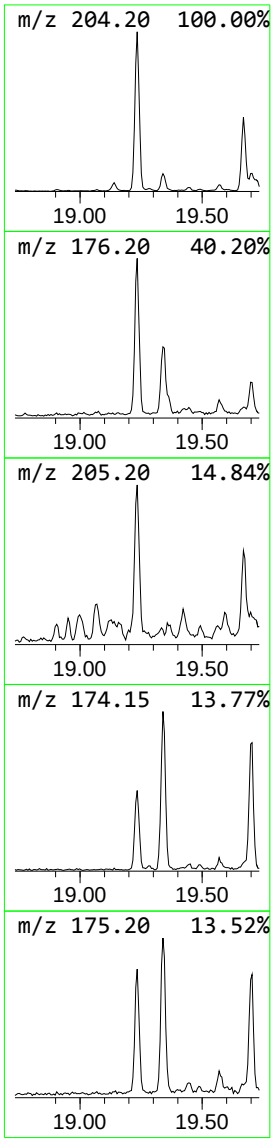
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	11.52 ng/ul	689994	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	47





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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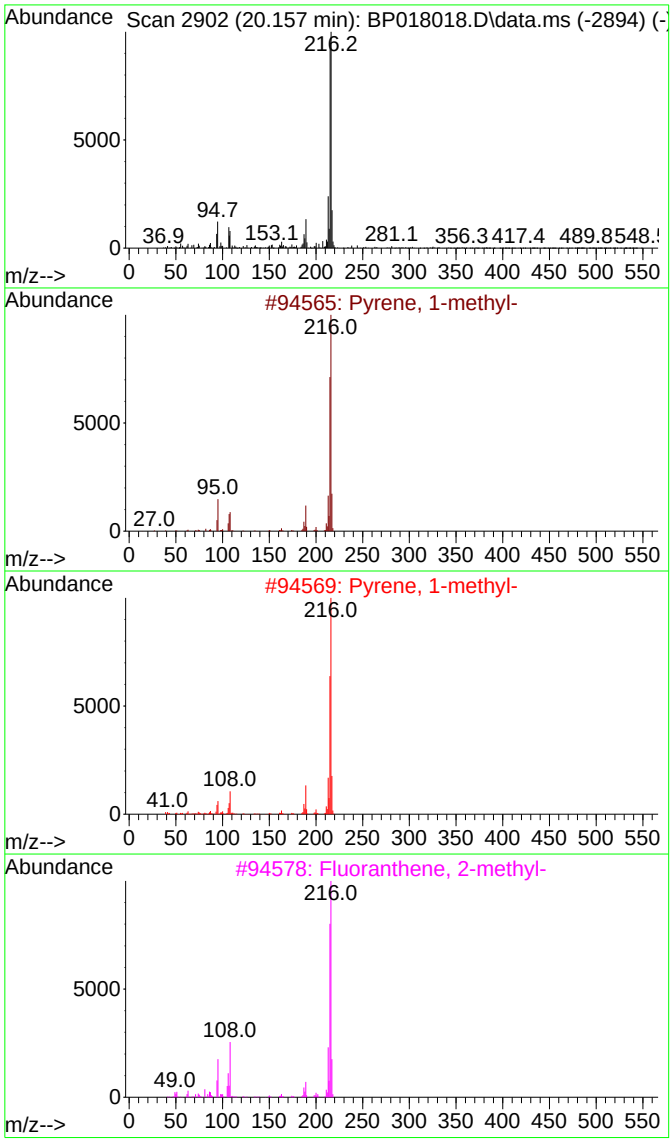
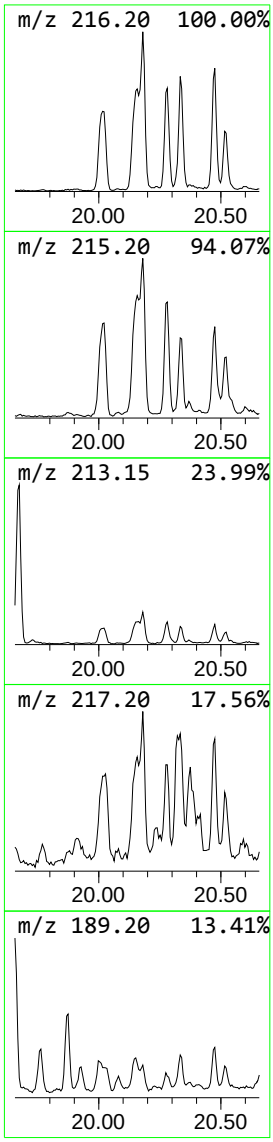
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.157	2.35 ng/ul	350964	Chrysene-d12	21.445

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89





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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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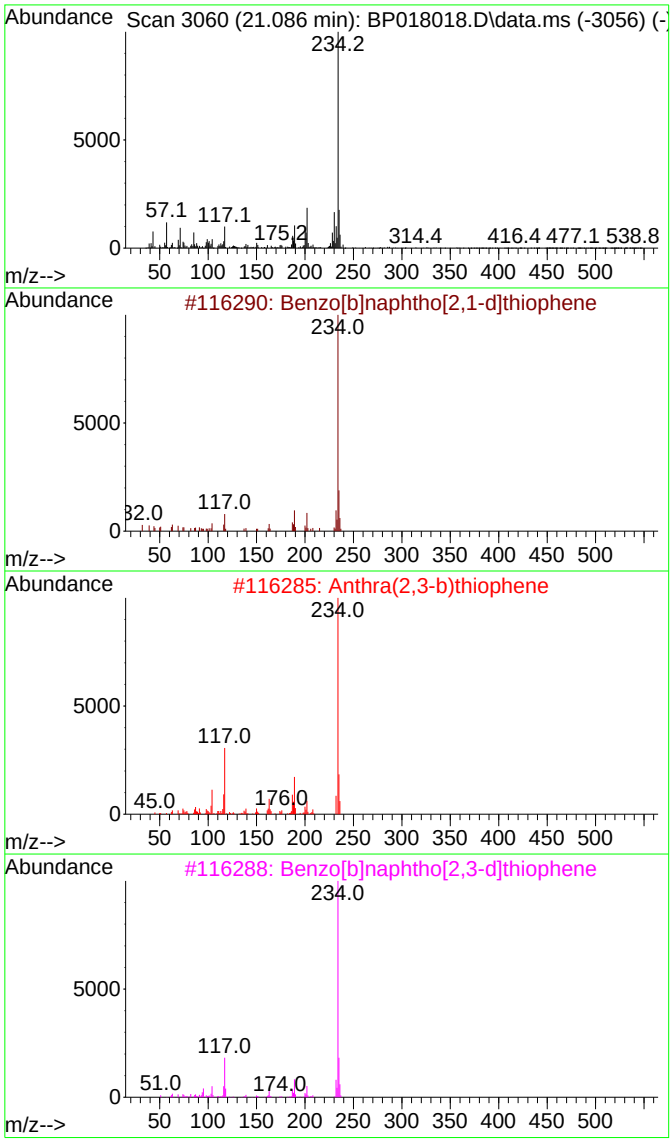
Quant Title : SVOA CALIBRATION

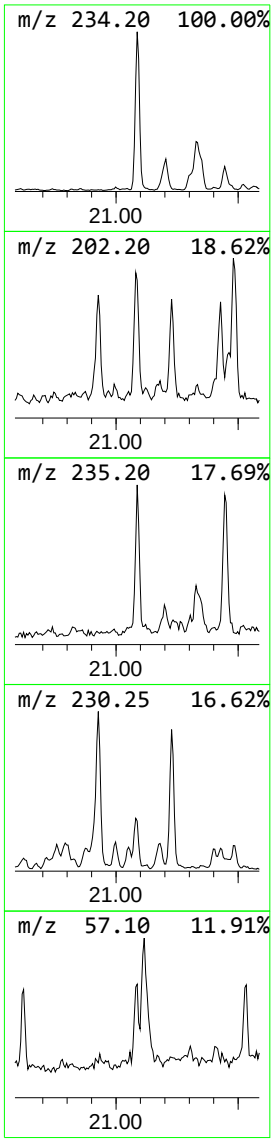
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.44 ng/ul	363498	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018018.D
Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI3

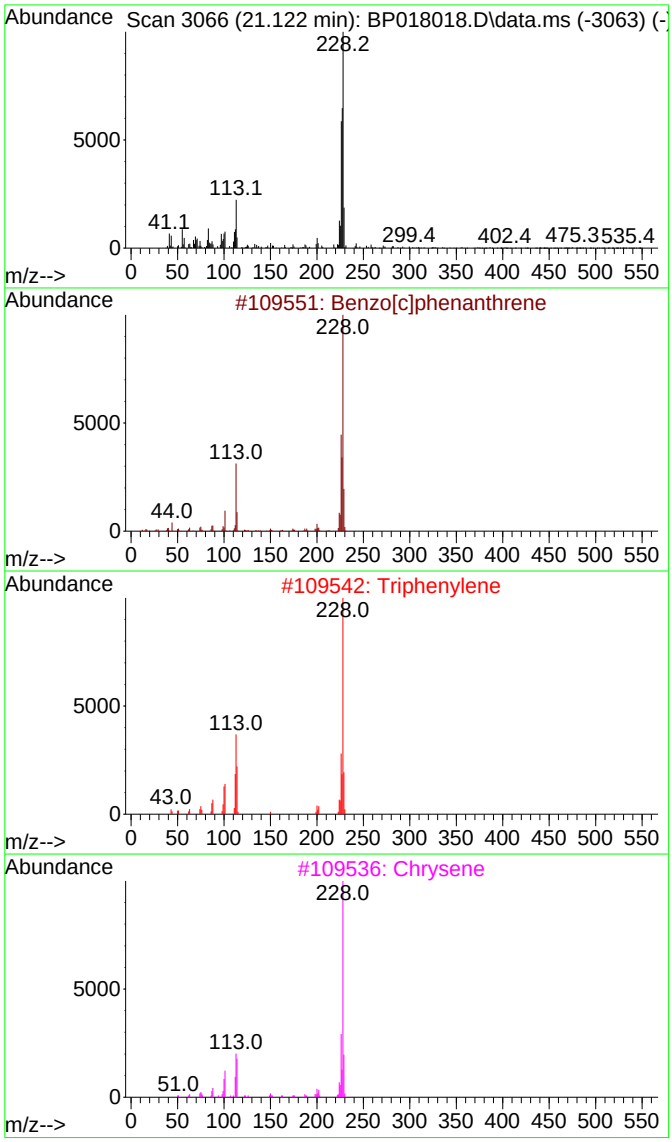
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

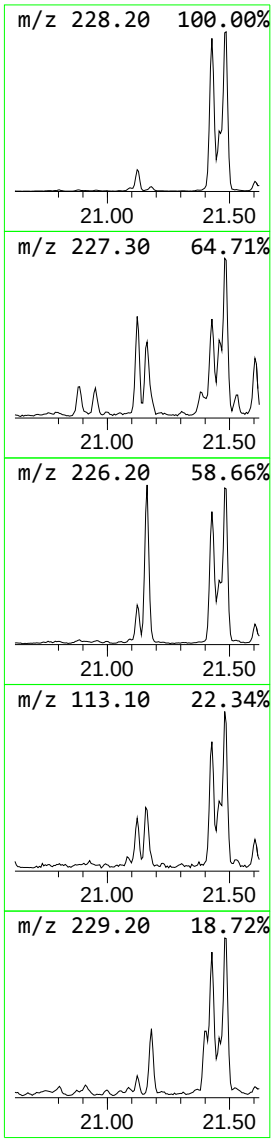
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[c]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	3.41 ng/ul	507537	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
2	Triphenylene	228	C18H12	000217-59-4	60
3	Chrysene	228	C18H12	000218-01-9	60
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
5	Chrysene	228	C18H12	000218-01-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018018.D
Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

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

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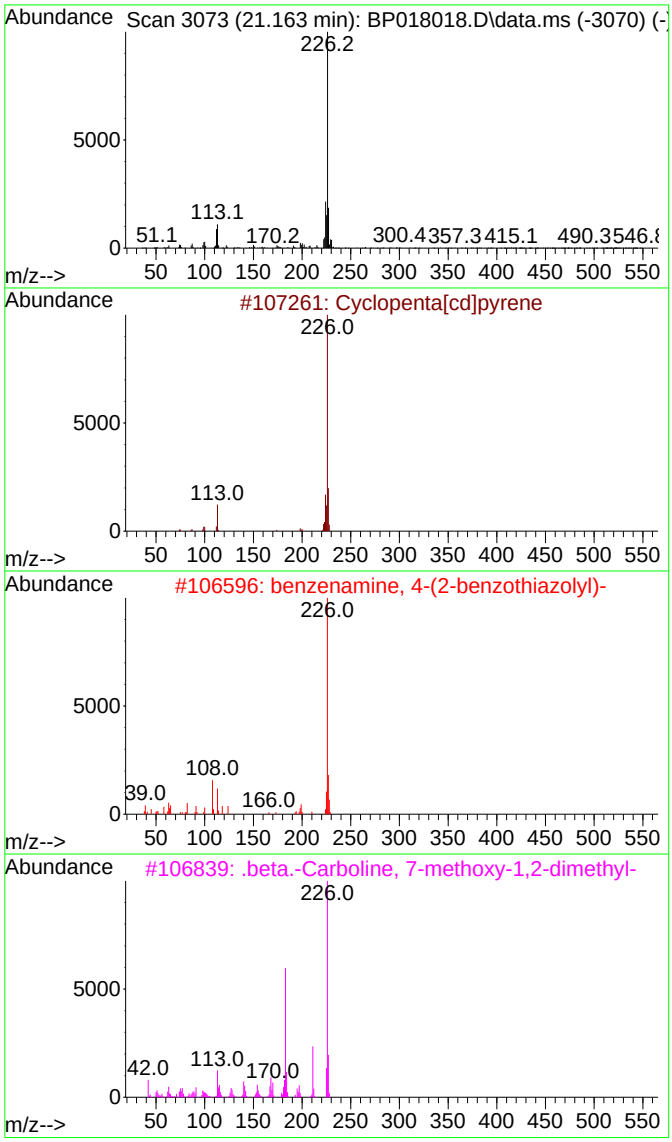
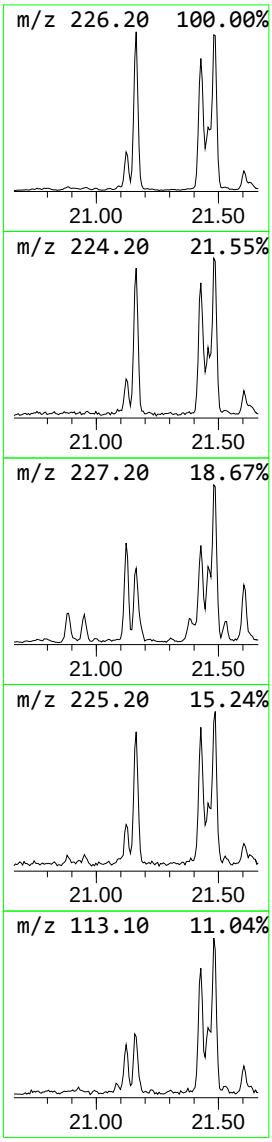
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.163	2.70 ng/ul	402463	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	58
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
4	2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	53
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018018.D
Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

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

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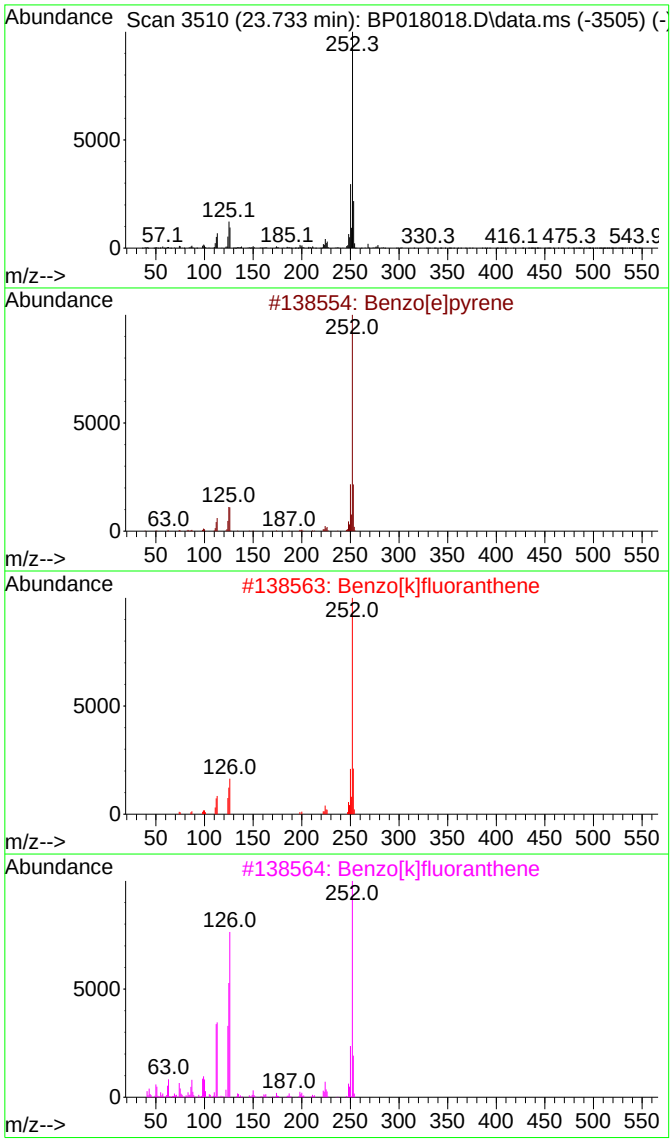
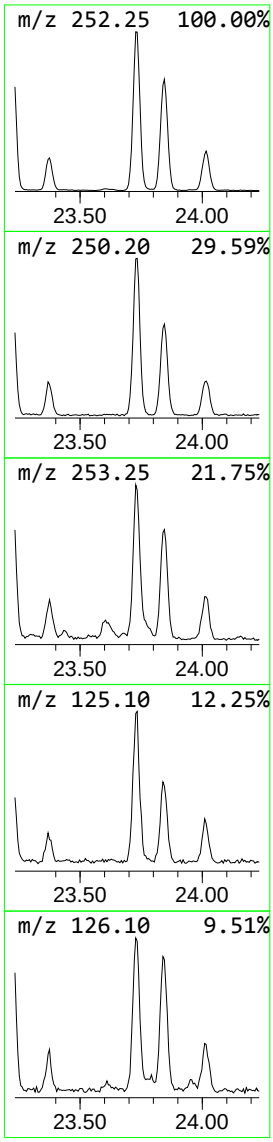
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.733	18.44 ng/ul	892154	Perylene-d12	23.957

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	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Perylene	252	C20H12	000198-55-0	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018018.D
Acq On : 10 Nov 2023 08:33
Operator : MA/JU
Sample : 05091-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.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
Aceto phenone	8.722	18.6	ng/ul	495498	1	7.864	534051	20.0
Benzoic acid	9.958	3.3	ng/ul	125126	2	10.687	751479	20.0
2,4,7,9-Tetrame...	13.375	9.8	ng/ul	506674	3	14.540	1038100	20.0
Dibenzo furan	14.945	2.0	ng/ul	106184	3	14.540	1038100	20.0
Carba zole	17.751	5.1	ng/ul	304586	4	17.316	1198230	20.0
n-Hexadecanoic ...	18.169	5.6	ng/ul	333553	4	17.316	1198230	20.0
Phenanthrene, 2...	18.234	2.6	ng/ul	158483	4	17.316	1198230	20.0
4H-Cyclopenta[d...	18.381	5.7	ng/ul	339676	4	17.316	1198230	20.0
unknown-01	18.416	2.2	ng/ul	133617	4	17.316	1198230	20.0
9,10-Anthracene...	18.739	2.6	ng/ul	157109	4	17.316	1198230	20.0
2-Propen-1-one,...	18.769	2.0	ng/ul	121389	4	17.316	1198230	20.0
.beta.-Phenylpr...	18.992	2.8	ng/ul	164754	4	17.316	1198230	20.0
Cyclopenta(def)...	19.233	11.5	ng/ul	689994	4	17.316	1198230	20.0
Pyrene, 1-methyl-	20.157	2.4	ng/ul	350964	5	21.445	2980940	20.0
Benzo[b]naphtho...	21.086	2.4	ng/ul	363498	5	21.445	2980940	20.0
Benzo[c]phenant...	21.122	3.4	ng/ul	507537	5	21.445	2980940	20.0
Cyclopenta[cd]p...	21.163	2.7	ng/ul	402463	5	21.445	2980940	20.0
Benzo[e]pyrene	23.733	18.4	ng/ul	892154	6	23.957	967418	20.0