LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BE6DL

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021128.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	31	33	46	rVB6	13730	27506	0.37%	0.041%
2	3.622	106	108	116	rBV2	16636	30482	0.41%	0.045%
3	6.875	656	661	675	rBV	116796	225080	3.06%	0.336%
4	7.005	678	683	693	rVB	96162	167876	2.28%	0.250%
5	7.205	710	717	730	rBV	143806	252245	3.43%	0.376%
6	7.652	783	793	803	rBV	561580	950944	12.92%	1.418%
7	7.928	834	840	848	rBV4	15193	34788	0.47%	0.052%
8	8.387	912	918	929	rBV	124422	264610	3.60%	0.394%
9	8.822	984	992	1003	rBV	113529	224397	3.05%	0.335%
10	9.369	1080	1085	1096	rVB	11616	26675	0.36%	0.040%
11	9.534	1104	1113	1126	rBV	91229	200991	2.73%	0.300%
12	10.087	1199	1207	1219	rBV2	116498	289533	3.94%	0.432%
13	10.428	1257	1265	1270	rBV	692025	1241101	16.87%	1.850%
14	10.469	1270	1272	1282	rVB	89643	150382	2.04%	0.224%
15	10.598	1287	1294	1302	rBV3	38134	89045	1.21%	0.133%
16	11.181	1387	1393	1401	rBV	23816	54418	0.74%	0.081%
17	12.093	1541	1548	1554	rBV	50802	83374	1.13%	0.124%
18	12.316	1573	1586	1595	rVB	47076	90441	1.23%	0.135%
19	13.110	1711	1721	1725	rBV2	24307	47314	0.64%	0.071%
20	13.310	1750	1755	1764	rBV2	10271	26555	0.36%	0.040%
21	13.457	1773	1780	1785	rBV3	21855	54077	0.73%	0.081%
22	13.598	1797	1804	1810	rBV2	37355	78724	1.07%	0.117%
23	13.698	1815	1821	1829	rVB	207222	379769	5.16%	0.566%
24	13.839	1841	1845	1850	rBV	21319	35017	0.48%	0.052%
25	13.981	1862	1869	1880	rBV	312243	578347	7.86%	0.862%
26	14.175	1898	1902	1911	rBV5	18026	45593	0.62%	0.068%
27	14.287	1914	1921	1927	rVV	1164520	1612600	21.92%	2.404%
28	14.351	1927	1932	1940	rVV	254852	402521	5.47%	0.600%
29	14.510	1953	1959	1967	rVB6	26646	65886	0.90%	0.098%
30	14.610	1969	1976	1986	rBV4	69351	180575	2.45%	0.269%
31	14.698	1986	1991	2001	rVV	159354	302739	4.11%	0.451%
32	14.775	2001	2004	2009	rVB2	21056	31121	0.42%	0.046%
33	14.922	2024	2029	2035	rBV4	16521	34134	0.46%	0.051%
34	15.092	2052	2058	2061	rBV	23998	38361	0.52%	0.057%
35	15.128	2061	2064	2071	rVB7	19001	34046	0.46%	0.051%
36	15.304	2088	2094	2099	rVV	411611	641836	8.72%	0.957%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	15.363	2099	2104	2114	rVB	306945	455166	6.19%	0.679%
38	15.481	2116	2124	2128	rBV2	93701	183277	2.49%	0.273%
39	15.522	2128	2131	2136	rVV	45781	73897	1.00%	0.110%
40	15.569	2136	2139	2143	rVV5	33843	55784	0.76%	0.083%
41	15.616	2144	2147	2151	rVV2	23189	38009	0.52%	0.057%
42	15.669	2151	2156	2162	rVB	72288	113263	1.54%	0.169%
43	15.810	2171	2180	2188	rBV	80338	171038	2.32%	0.255%
44	16.304	2260	2264	2268	rBV4	18882	30378	0.41%	0.045%
45	16.392	2271	2279	2283	rVV4	74512	158857	2.16%	0.237%
46	16.439	2283	2287	2291	rVV2	39211	57490	0.78%	0.086%
47	16.539	2301	2304	2310	rVB2	26739	40269	0.55%	0.060%
48	16.616	2310	2317	2321	rBV3	48365	95163	1.29%	0.142%
49	16.657	2321	2324	2329	rVB2	30756	42492	0.58%	0.063%
50	16.757	2336	2341	2347	rBV	150959	213873	2.91%	0.319%
51	16.839	2349	2355	2360	rVV3	70335	145684	1.98%	0.217%
52	16.910	2363	2367	2379	rVB	203567	326605	4.44%	0.487%
53	17.010	2380	2384	2390	rVB6	22021	38169	0.52%	0.057%
54	17.104	2394	2400	2403	rBV	1350716	1942533	26.40%	2.896%
55	17.145	2403	2407	2413	rVV	4133587	5623389	76.43%	8.383%
56	17.204	2413	2417	2420	rVV	475156	798524	10.85%	1.190%
57	17.239	2420	2423	2429	rVV	719916	1159830	15.76%	1.729%
58	17.310	2432	2435	2444	rVB	89228	146294	1.99%	0.218%
59	17.539	2464	2474	2481	rBV	410597	745549	10.13%	1.111%
60	17.633	2487	2490	2493	rBV	64968	76108	1.03%	0.113%
61	17.710	2498	2503	2510	rVB5	84828	196101	2.67%	0.292%
62	17.845	2521	2526	2532	rVB3	43443	89365	1.21%	0.133%
63	18.004	2549	2553	2557	rBV	452530	702447	9.55%	1.047%
64	18.051	2557	2561	2571	rVV	610243	935111	12.71%	1.394%
65	18.133	2571	2575	2581	rVB	137676	227054	3.09%	0.338%
66	18.204	2581	2587	2592	rBV2	595528	1090088	14.82%	1.625%
67	18.251	2592	2595	2601	rVB	236379	366005	4.97%	0.546%
68	18.386	2614	2618	2621	rBV	63128	88065	1.20%	0.131%
69	18.527	2637	2642	2647	rVB	319950	428426	5.82%	0.639%
70	18.586	2647	2652	2659	rVB	334188	485857	6.60%	0.724%
71	18.780	2682	2685	2691	rVB3	72382	115190	1.57%	0.172%
72	18.833	2691	2694	2697	rVV	79484	96123	1.31%	0.143%
73	18.880	2698	2702	2706	rVB	71597	95957	1.30%	0.143%
74	18.957	2711	2715	2721	rBV	143789	249753	3.39%	0.372%
75	19.057	2730	2732	2736	rVB	81764	84160	1.14%	0.125%
76	19.127	2737	2744	2749	rVV2	188262	367171	4.99%	0.547%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BE6DL

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-BP071024.MA.M
Title : SVOA CALIBRATION

77	19.239	2757	2763	2769	rBV	5403531	7357632	100.00%	10.969%
78	19.351	2777	2782	2788	rBV3	111181	238275	3.24%	0.355%
79	19.592	2818	2823	2825	rBV3	1545447	2291141	31.14%	3.416%
80	19.622	2825	2828	2836	rVV	3824602	4747319	64.52%	7.077%
81	19.692	2836	2840	2847	rVB2	218217	339447	4.61%	0.506%
82	19.810	2856	2860	2865	rVB	264445	357570	4.86%	0.533%
83	19.886	2868	2873	2879	rBV	129951	228610	3.11%	0.341%
84	19.957	2881	2885	2886	rBV2	245475	292257	3.97%	0.436%
85	20.139	2906	2916	2921	rVB2	655863	1428066	19.41%	2.129%
86	20.245	2930	2934	2938	rBV	542821	697601	9.48%	1.040%
87	20.310	2938	2945	2948	rBV2	346024	674540	9.17%	1.006%
88	20.451	2966	2969	2973	rBV	191440	226795	3.08%	0.338%
89	20.498	2974	2977	2981	rVB	207943	286396	3.89%	0.427%
90	20.933	3048	3051	3057	rVB	360257	524523	7.13%	0.782%
91	21.121	3079	3083	3086	rBV	422260	597720	8.12%	0.891%
92	21.157	3086	3089	3093	rVV	414378	626510	8.52%	0.934%
93	21.204	3094	3097	3107	rVV3	391804	1062170	14.44%	1.583%
94	21.286	3108	3111	3117	rVB	408295	574449	7.81%	0.856%
95	21.545	3148	3155	3160	rBV3	2450479	6197968	84.24%	9.240%
96	21.598	3160	3164	3178	rVB	2167471	3775271	51.31%	5.628%
97	21.751	3188	3190	3196	rVB	246159	314901	4.28%	0.469%
98	23.815	3534	3541	3543	rBV	1239986	2415735	32.83%	3.601%
99	24.710	3687	3693	3704	rVB	729631	1957091	26.60%	2.918%
100	24.868	3712	3720	3728	rBV	951116	2525681	34.33%	3.765%

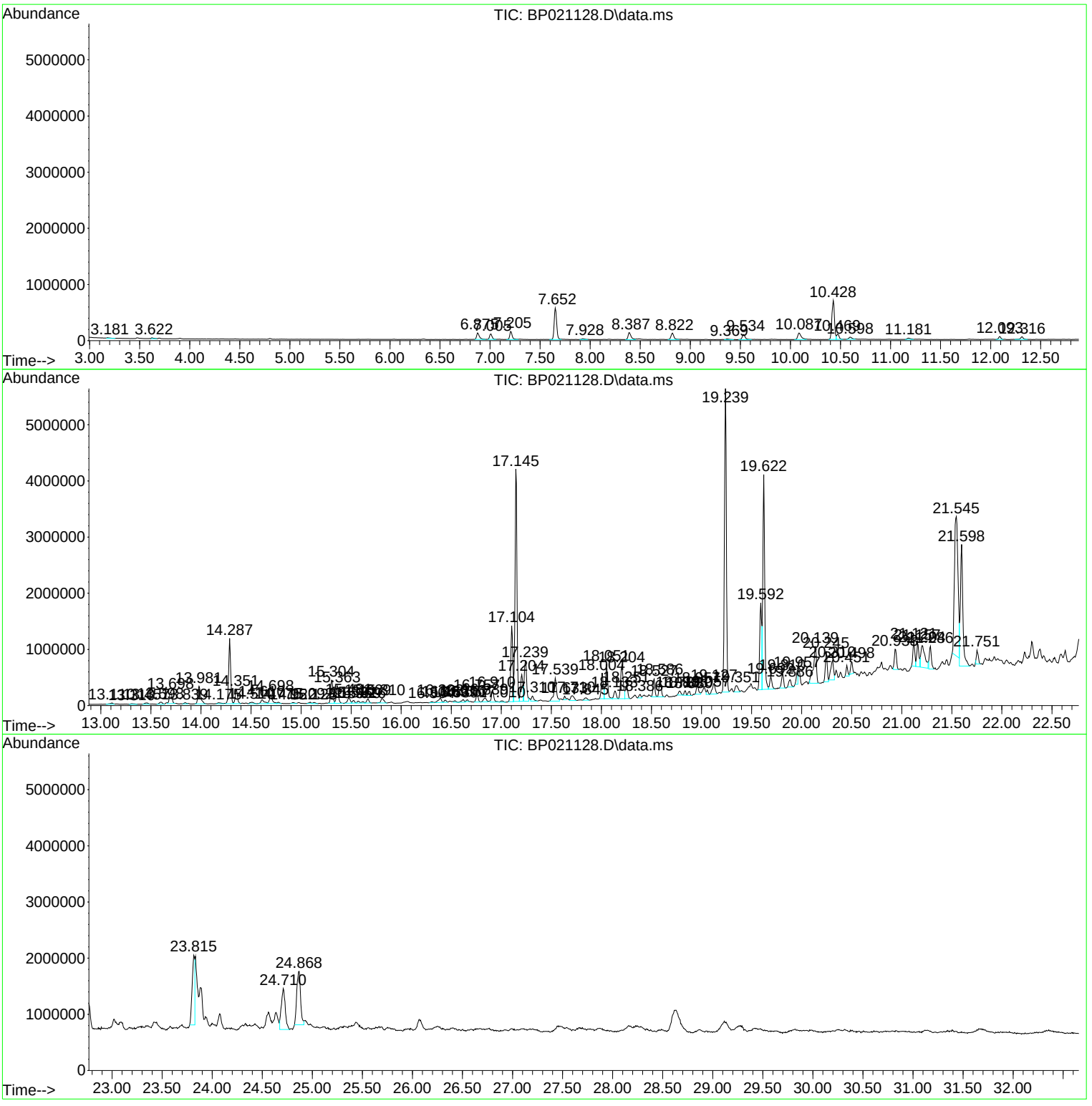
Sum of corrected areas: 67079285

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

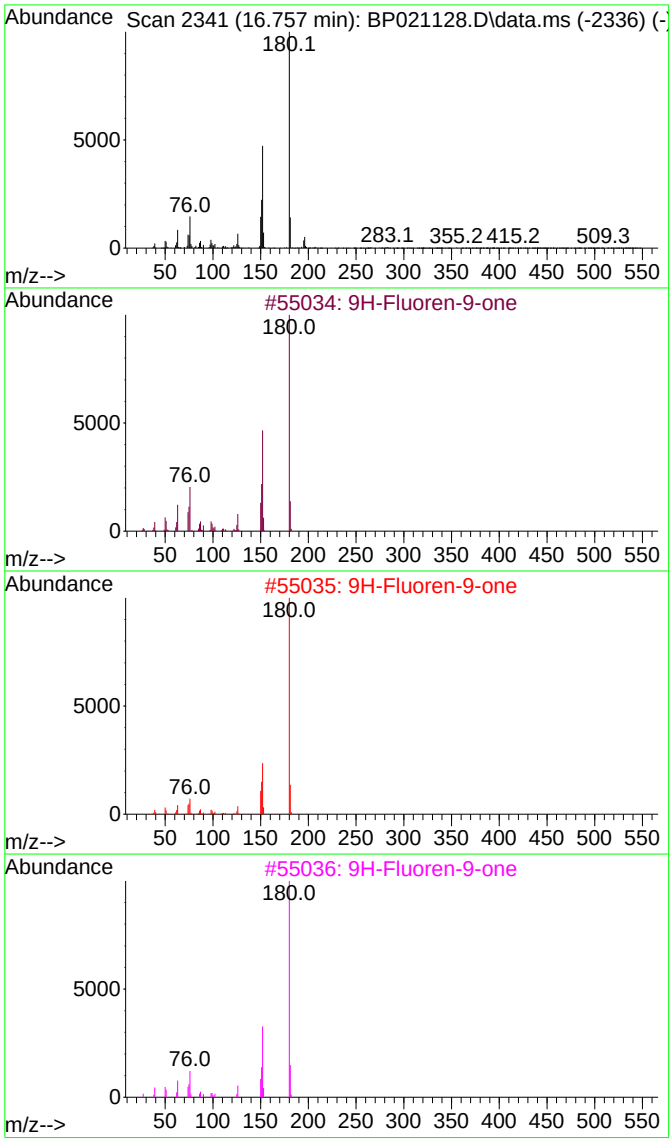
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

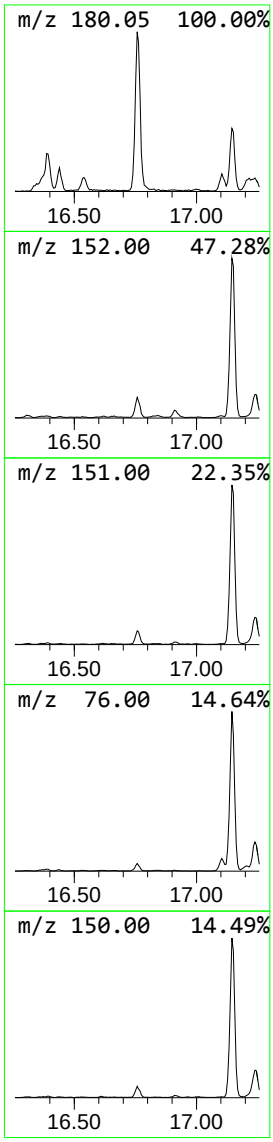
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.757	2.20 ng/ul	213873	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

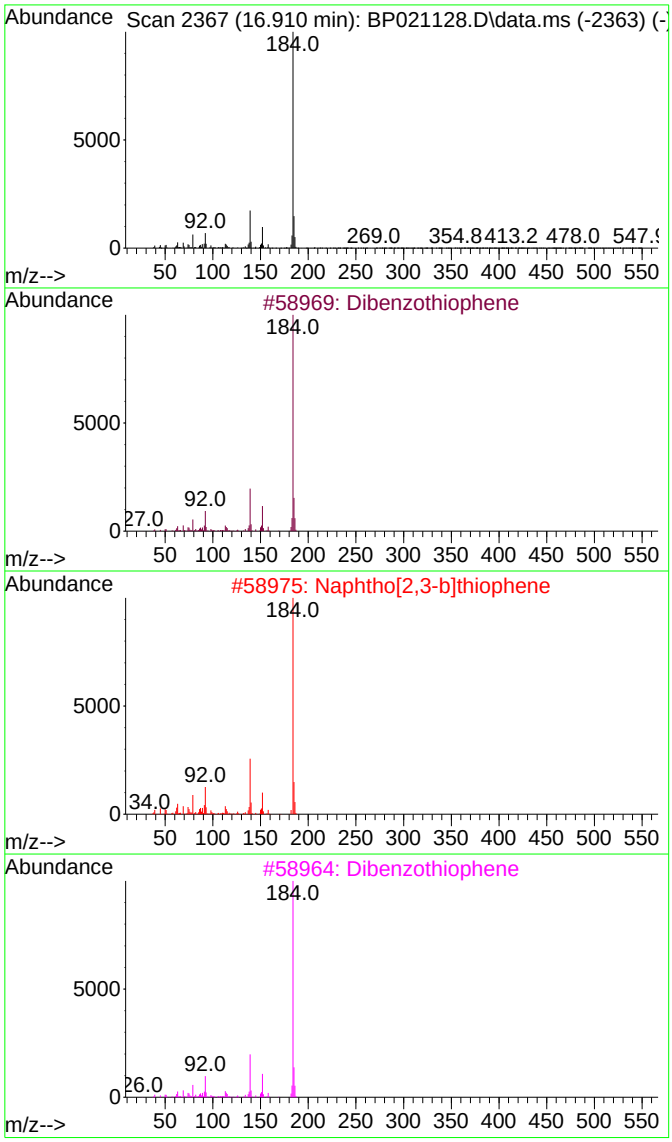
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

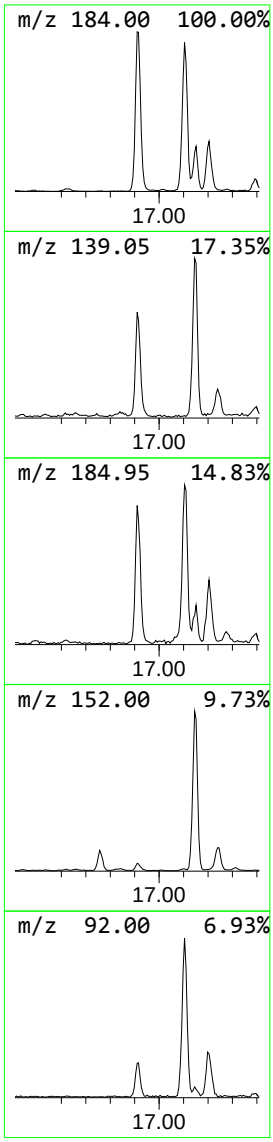
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	3.36 ng/ul	326605	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

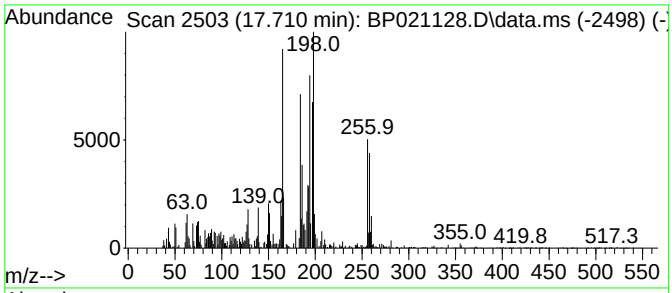
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

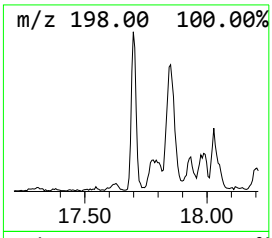
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

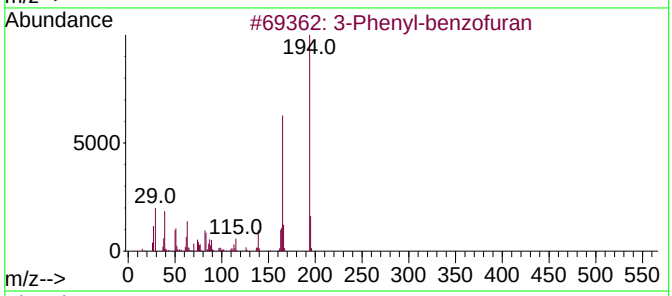
****
Peak Number 3 3-Phenyl-benzofuran Concentration Rank 17

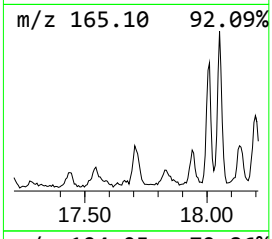
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.710	2.02 ng/ul	196101	Phenanthrene-d10	17.104

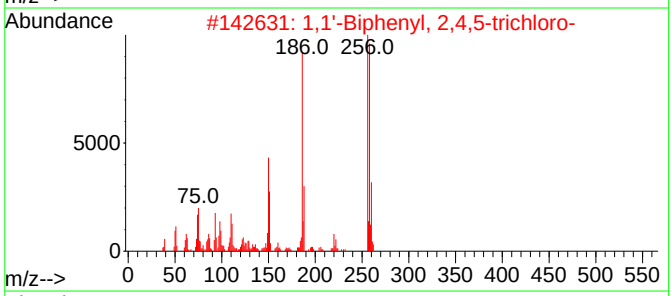
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-benzofuran	194	C14H10O	029909-72-6	56
2	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	55
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	53
4	3,3',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-69-6	44
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	44

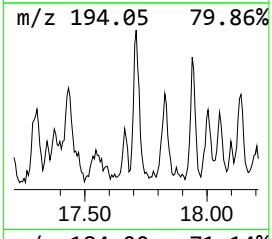


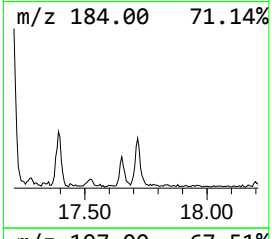


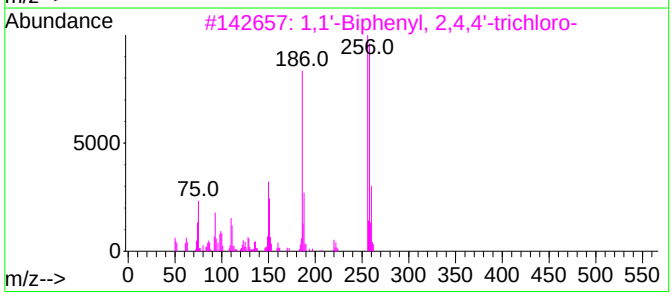


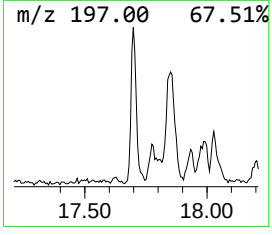












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

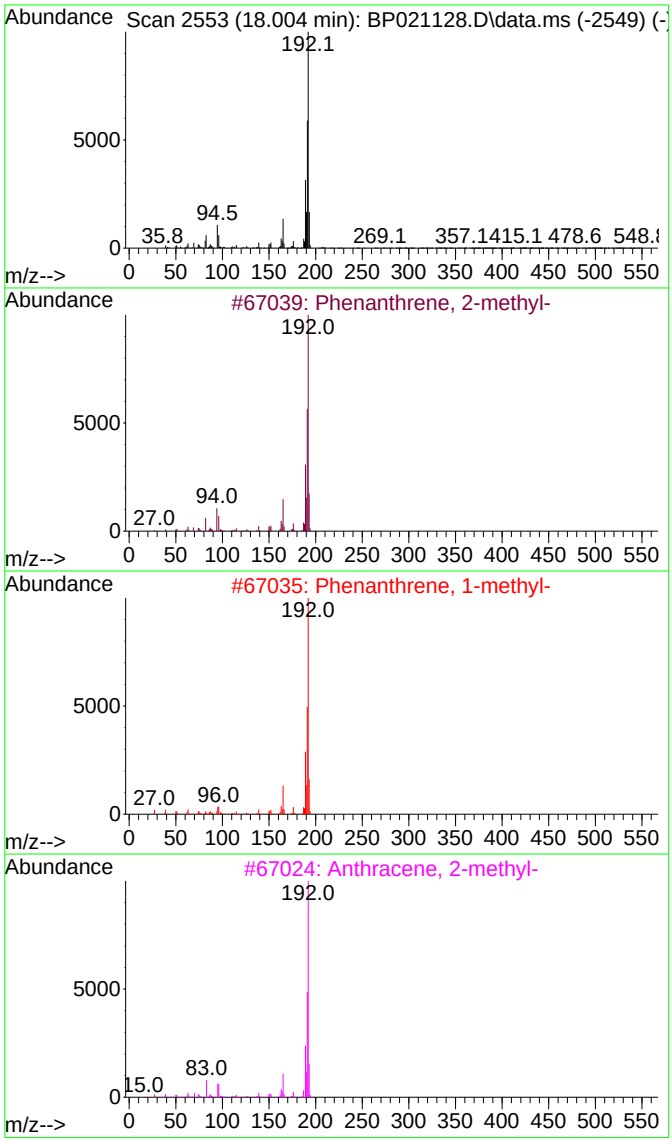
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

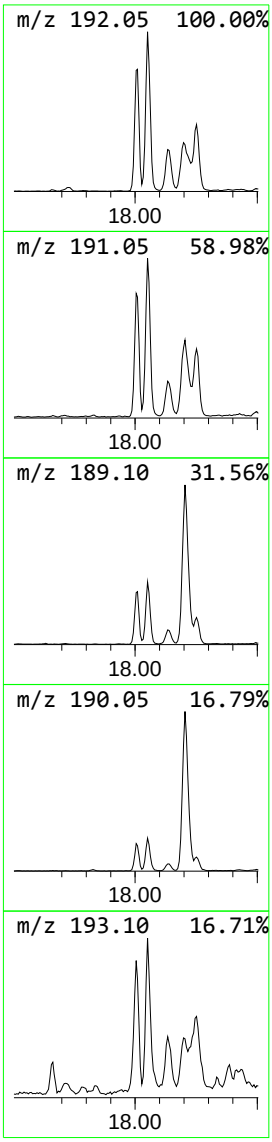
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	7.23 ng/ul	702447	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

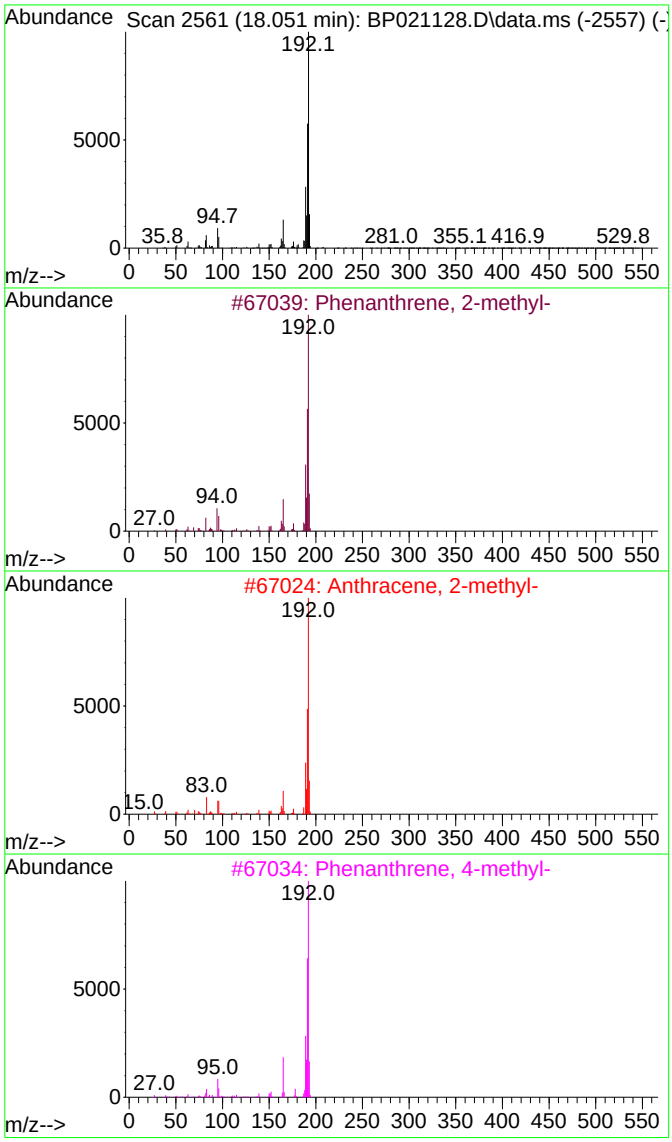
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

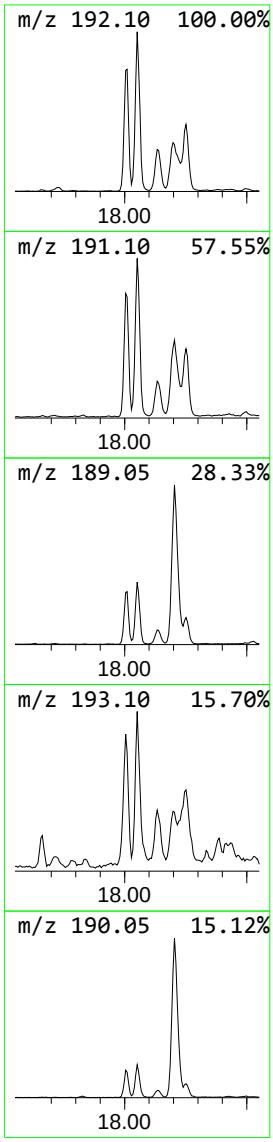
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	9.63 ng/ul	935111	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

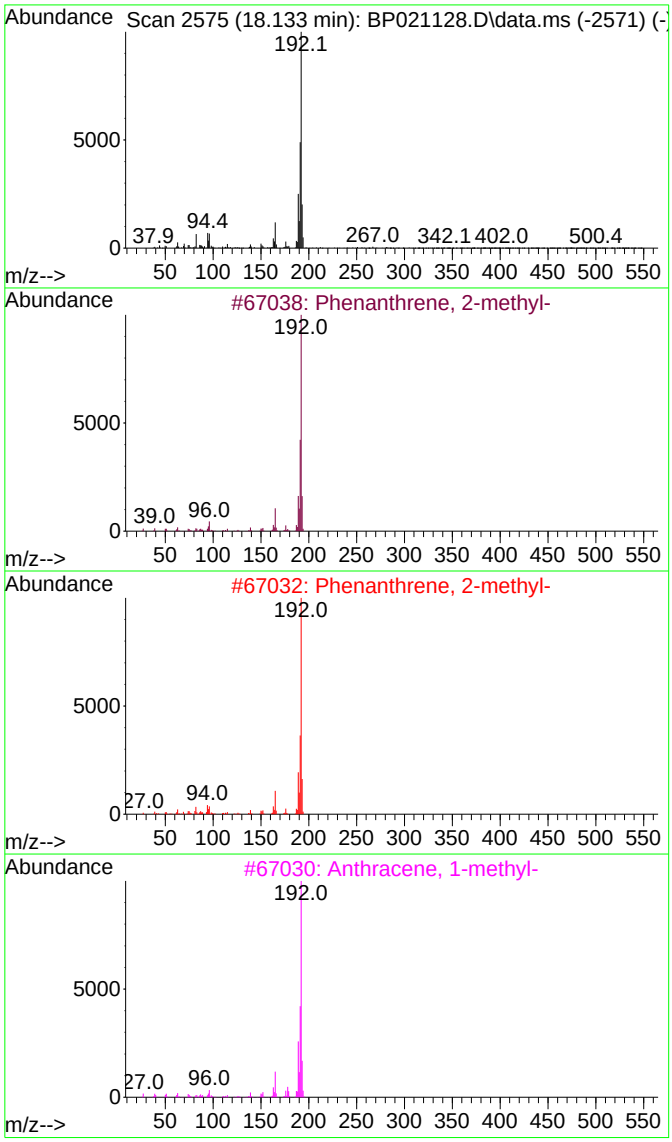
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

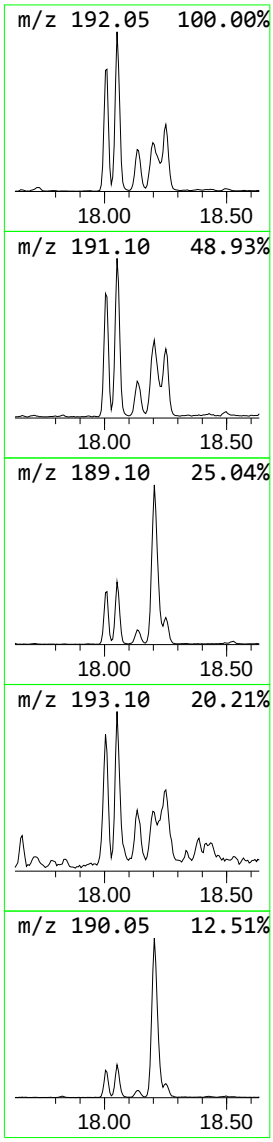
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	2.34 ng/ul	227054	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

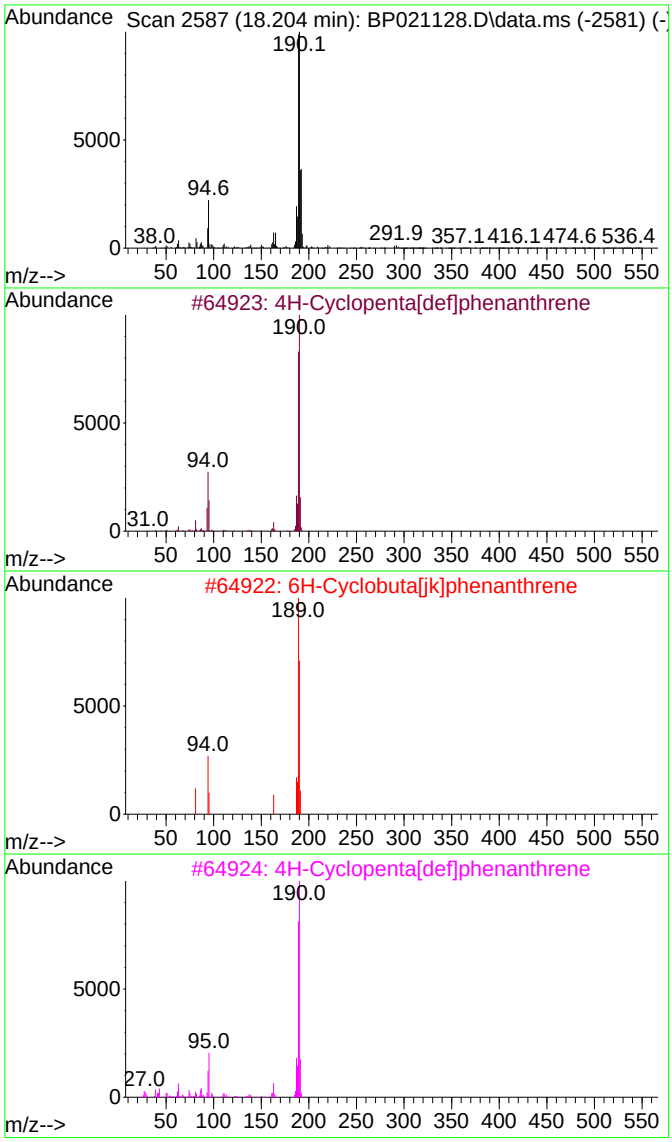
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

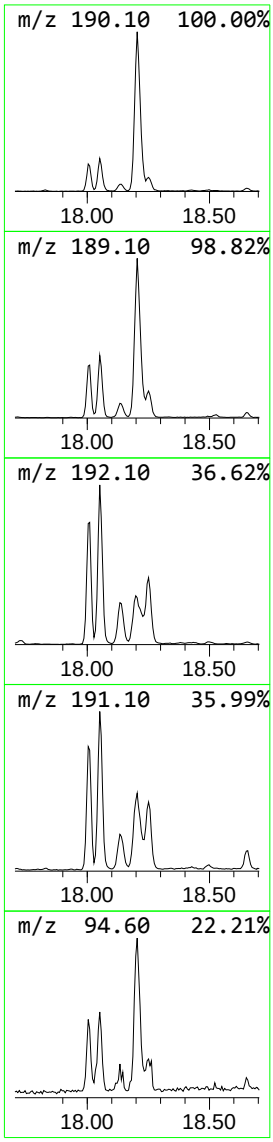
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	11.22 ng/ul	1090090	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

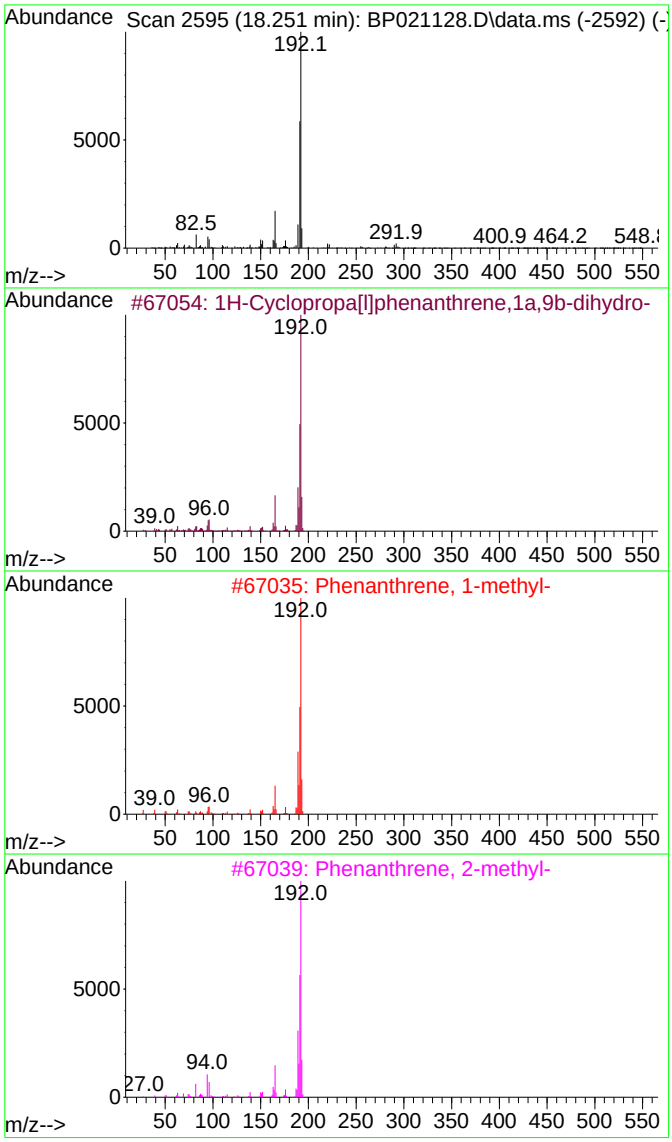
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

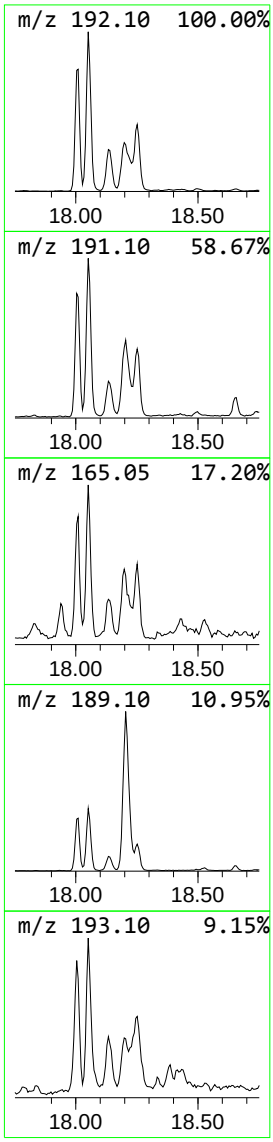
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	3.77 ng/ul	366005	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74





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Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

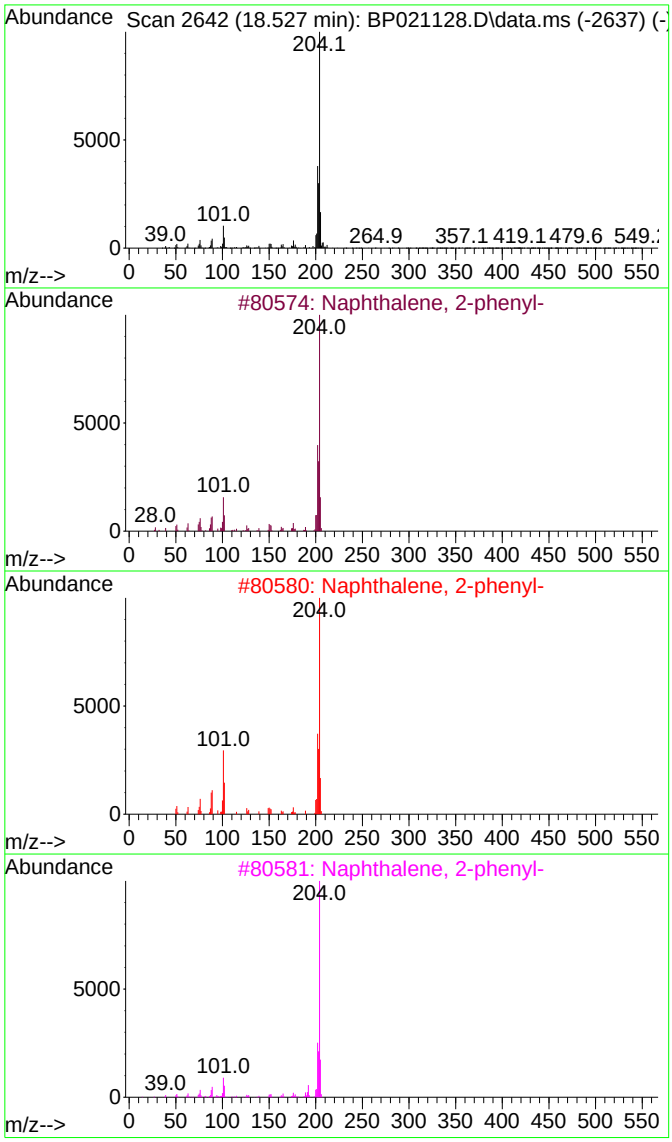
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

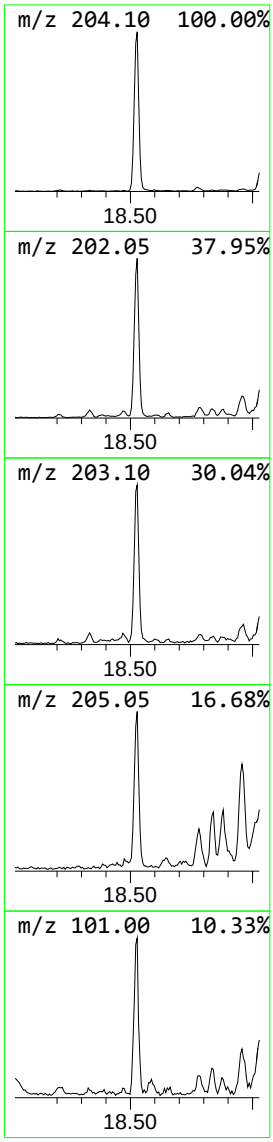
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.528	4.41 ng/ul	428426	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

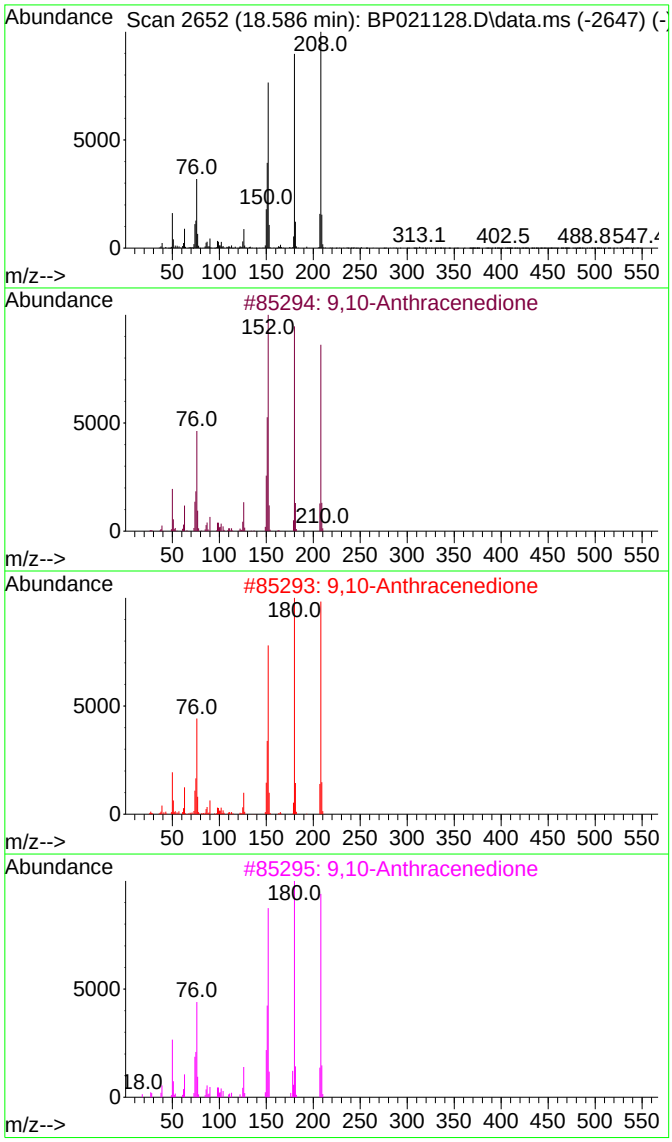
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

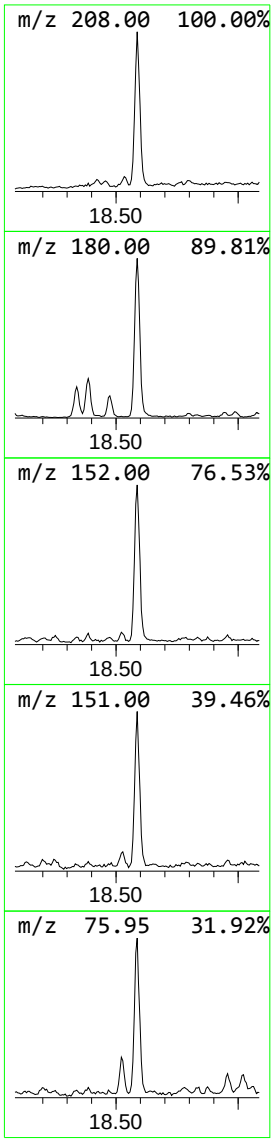
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	5.00 ng/ul	485857	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

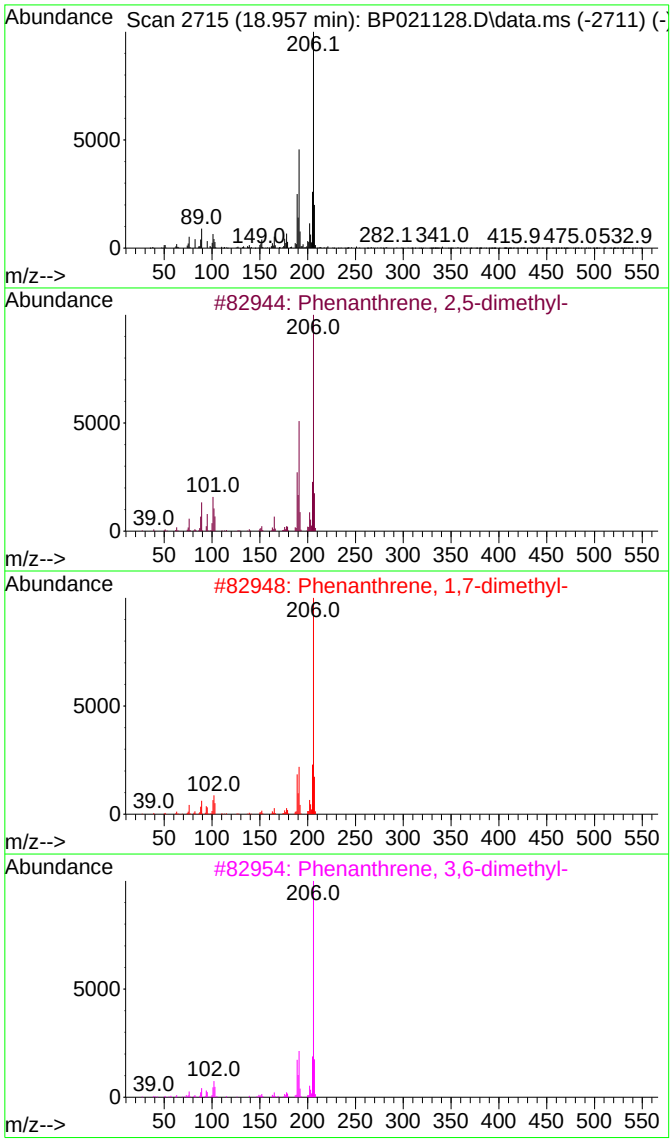
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

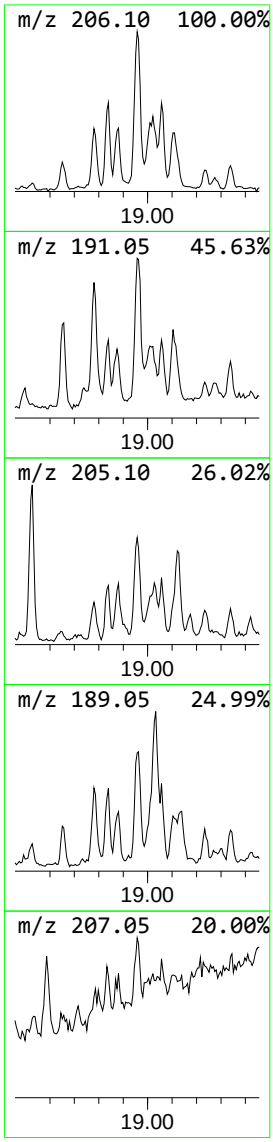
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.957	2.57 ng/ul	249753	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

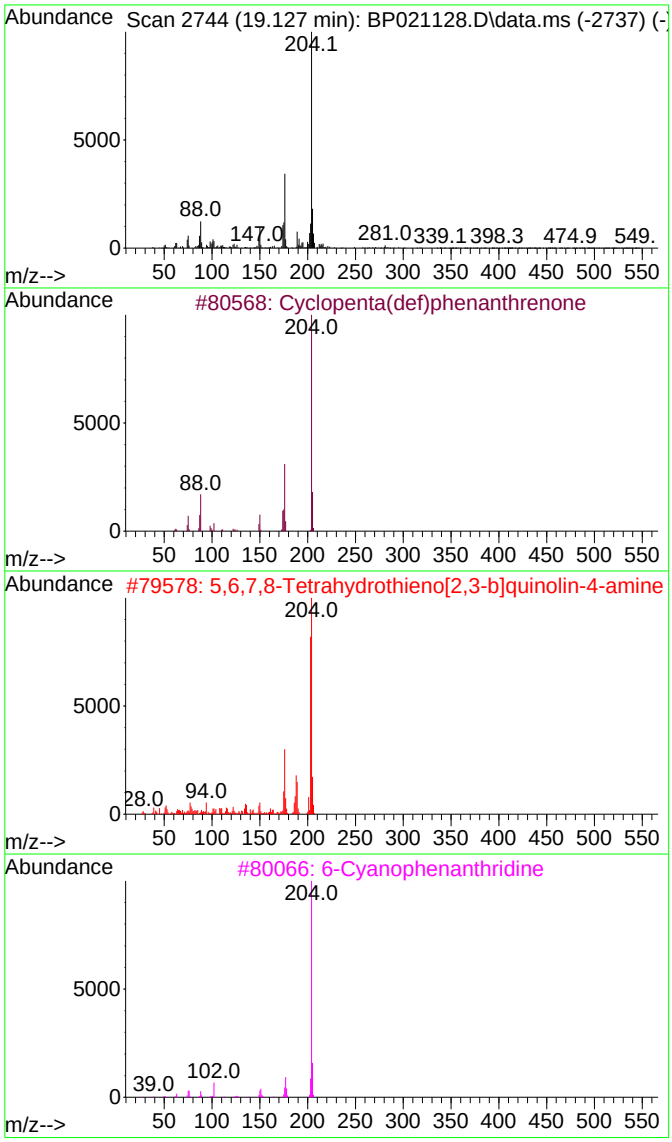
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

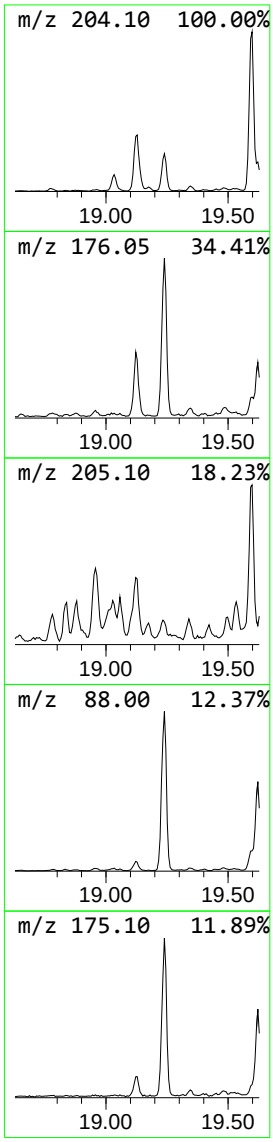
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	3.78 ng/ul	367171	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	58
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50





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Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

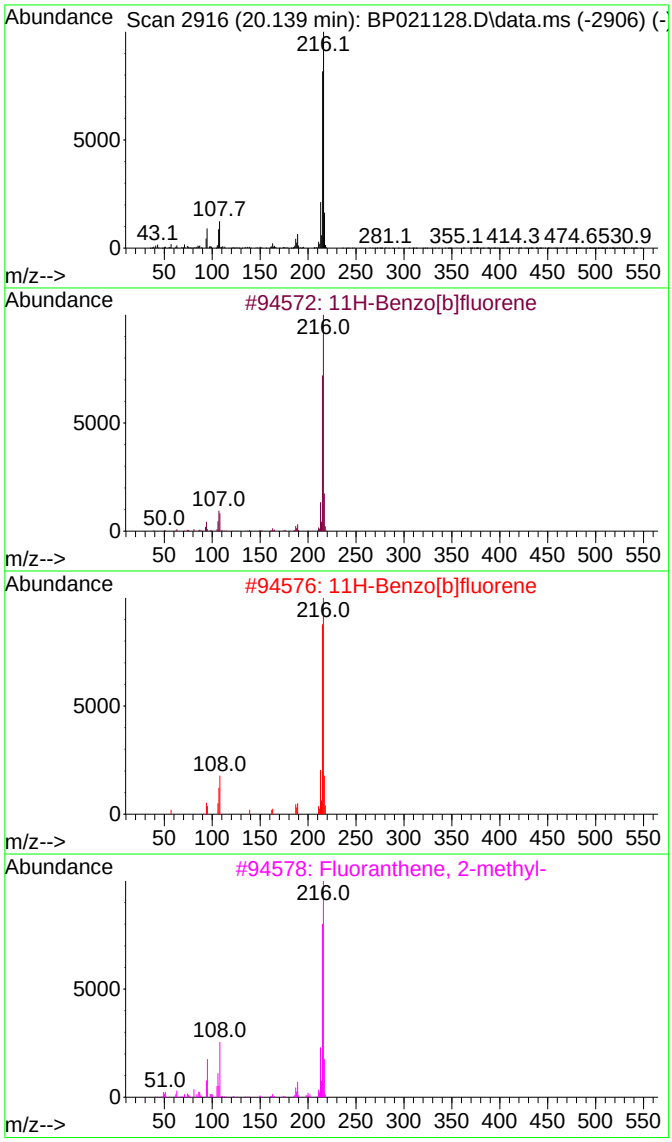
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

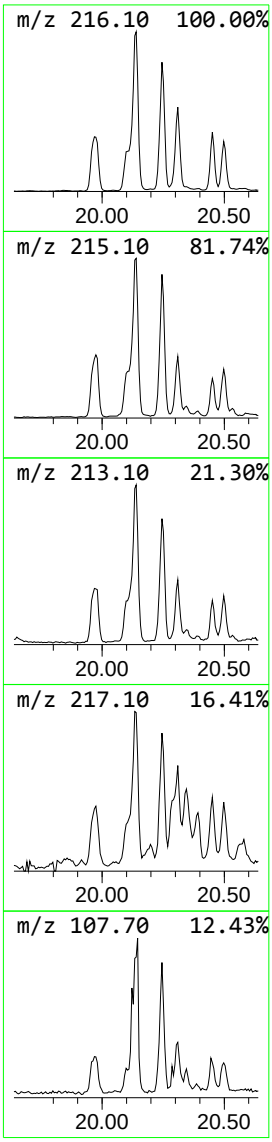
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	4.61 ng/ul	1428070	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

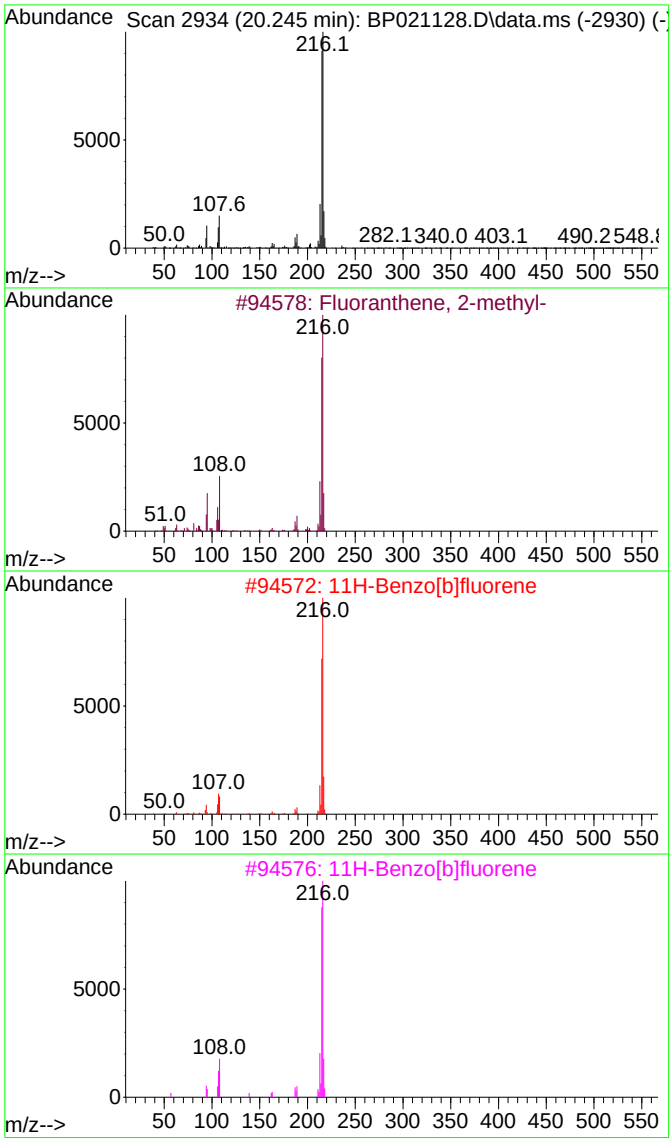
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

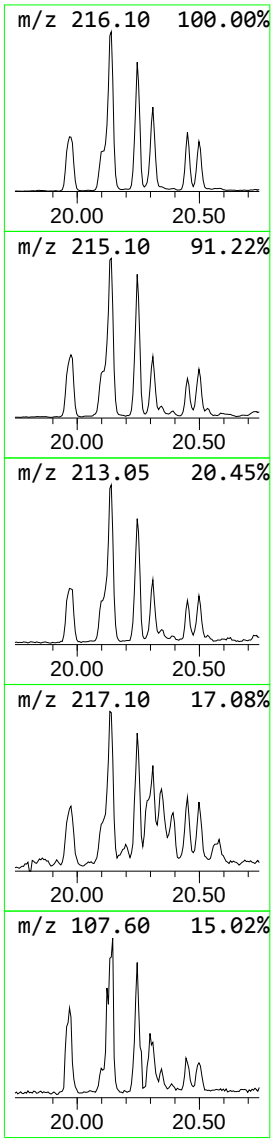
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.245	2.25 ng/ul	697601	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

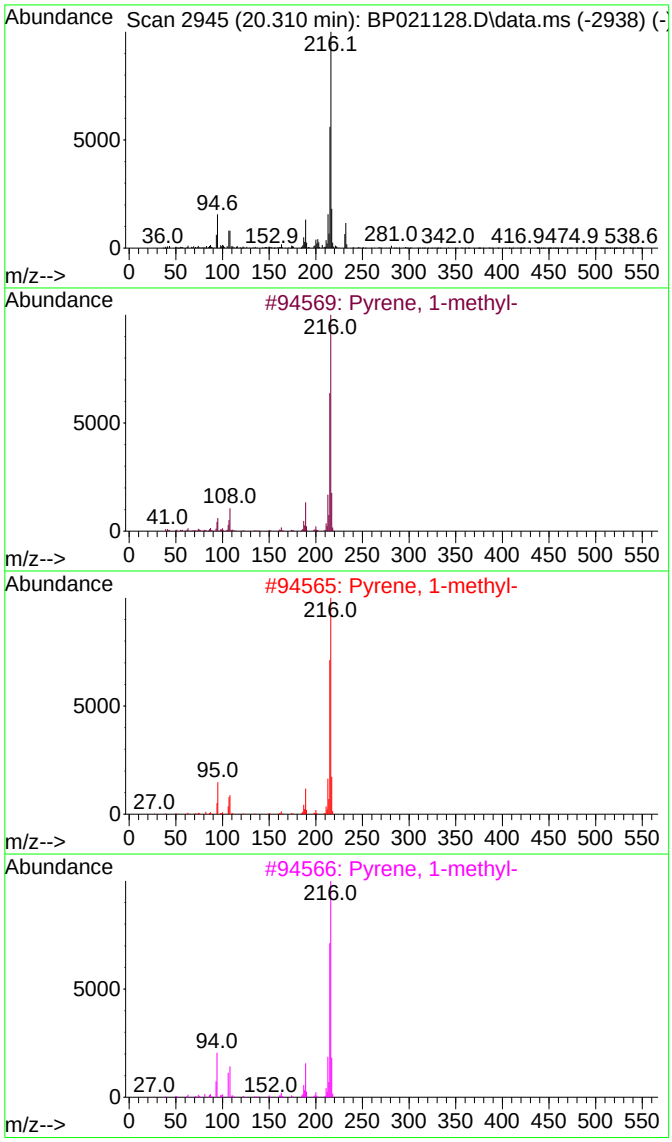
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

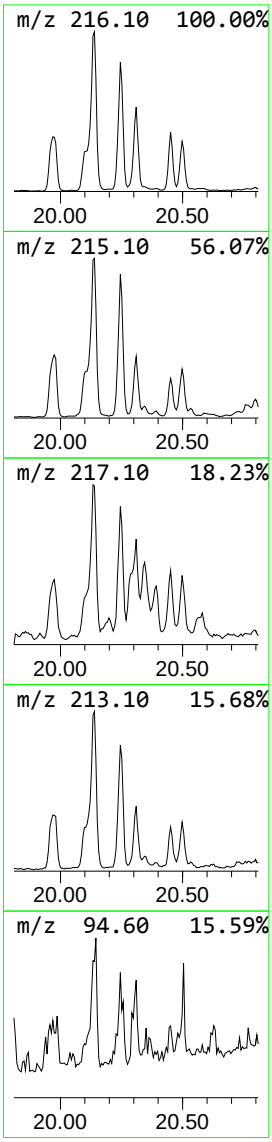
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	2.18 ng/ul	674540	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94





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Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

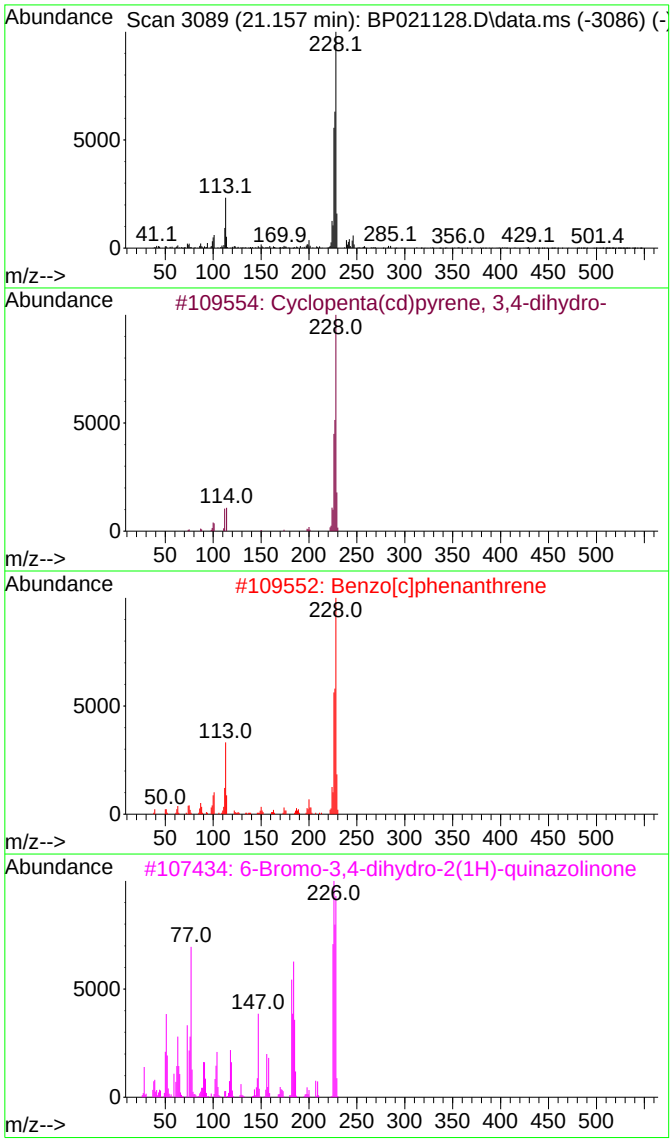
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

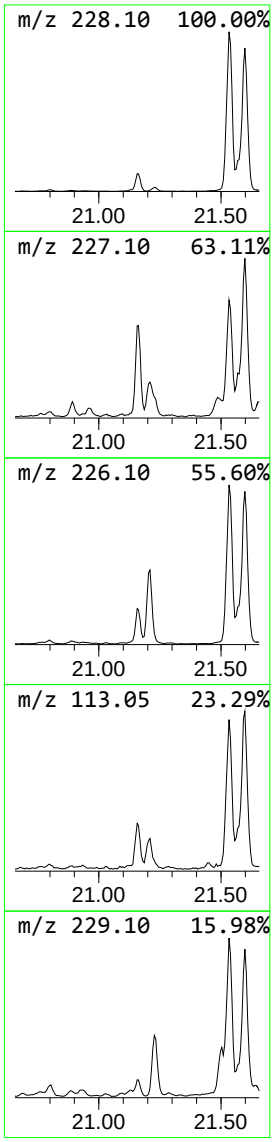
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.157	2.02 ng/ul	626510	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	62
3	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	53
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	52
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

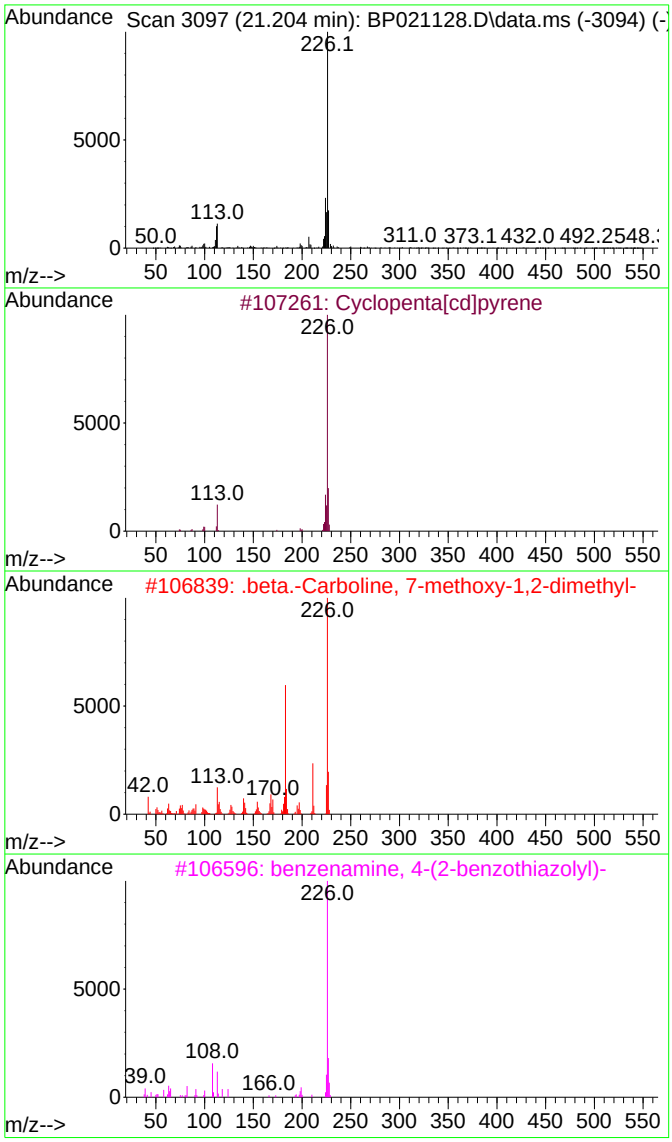
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

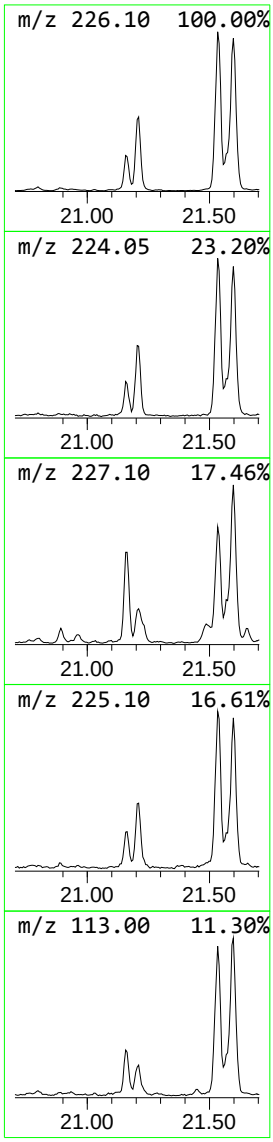
****

Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.204	3.43 ng/ul	1062170	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
4	2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	40
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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
9H-Fluoren-9-one	16.757	2.2	ng/ul	213873	4	17.104	1942530	20.0
Dibenzothiophene	16.910	3.4	ng/ul	326605	4	17.104	1942530	20.0
3-Phenyl-benzof...	17.710	2.0	ng/ul	196101	4	17.104	1942530	20.0
Phenanthrene, 2...	18.004	7.2	ng/ul	702447	4	17.104	1942530	20.0
Anthracene, 2-m...	18.051	9.6	ng/ul	935111	4	17.104	1942530	20.0
Anthracene, 1-m...	18.133	2.3	ng/ul	227054	4	17.104	1942530	20.0
4H-Cyclopenta[d...	18.204	11.2	ng/ul	1090090	4	17.104	1942530	20.0
1H-Cyclopropa[l...	18.251	3.8	ng/ul	366005	4	17.104	1942530	20.0
Naphthalene, 2-...	18.528	4.4	ng/ul	428426	4	17.104	1942530	20.0
9,10-Anthracene...	18.586	5.0	ng/ul	485857	4	17.104	1942530	20.0
Phenanthrene, 2...	18.957	2.6	ng/ul	249753	4	17.104	1942530	20.0
Cyclopenta(def)...	19.127	3.8	ng/ul	367171	4	17.104	1942530	20.0
11H-Benzo[b]flu...	20.139	4.6	ng/ul	1428070	5	21.551	6197970	20.0
Fluoranthene, 2...	20.245	2.3	ng/ul	697601	5	21.551	6197970	20.0
Pyrene, 1-methyl-	20.310	2.2	ng/ul	674540	5	21.551	6197970	20.0
Cyclopenta(cd)p...	21.157	2.0	ng/ul	626510	5	21.551	6197970	20.0
Cyclopenta[cd]p...	21.204	3.4	ng/ul	1062170	5	21.551	6197970	20.0