LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43N8

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020275.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.211	19	21	32	rVB3	16345	27323	0.74%	0.065%
2	3.622	87	91	102	rBV	90800	166168	4.51%	0.397%
3	3.711	102	106	115	rVB2	21561	37747	1.02%	0.090%
4	3.905	135	139	148	rVB5	5603	12809	0.35%	0.031%
5	4.787	284	289	296	rBV2	5710	9969	0.27%	0.024%
6	5.652	432	436	443	rBV9	6726	11899	0.32%	0.028%
7	5.905	473	479	487	rVB10	4929	11829	0.32%	0.028%
8	6.705	610	615	620	rBV7	5308	9479	0.26%	0.023%
9	6.805	626	632	647	rVV	214735	466039	12.65%	1.114%
10	6.905	647	649	654	rVV3	8140	11187	0.30%	0.027%
11	6.969	654	660	671	rVV	177272	300799	8.16%	0.719%
12	7.152	685	691	700	rBV	265610	450533	12.23%	1.077%
13	7.216	700	702	705	rVB2	9092	9265	0.25%	0.022%
14	7.610	763	769	782	rVV	258378	450710	12.23%	1.077%
15	7.716	784	787	793	rVB6	6021	10589	0.29%	0.025%
16	8.099	845	852	856	rBV10	4675	11627	0.32%	0.028%
17	8.234	870	875	882	rBV10	6737	14906	0.40%	0.036%
18	8.328	885	891	906	rVV	248638	550861	14.95%	1.317%
19	8.446	906	911	921	rVV	56016	112346	3.05%	0.269%
20	8.534	921	926	931	rVV9	4090	11080	0.30%	0.026%
21	8.775	961	967	978	rBV	243760	438338	11.90%	1.048%
22	9.122	1021	1026	1030	rBV4	6520	9959	0.27%	0.024%
23	9.281	1046	1053	1059	rBV6	8718	19150	0.52%	0.046%
24	9.363	1061	1067	1077	rBV6	20319	41482	1.13%	0.099%
25	9.487	1077	1088	1098	rBV	206299	404563	10.98%	0.967%
26	9.722	1121	1128	1131	rBV8	6800	16990	0.46%	0.041%
27	10.028	1173	1180	1202	rBV2	251934	618506	16.79%	1.478%
28	10.204	1203	1210	1224	rVB4	23413	75293	2.04%	0.180%
29	10.387	1230	1241	1247	rBV	354734	639932	17.37%	1.529%
30	10.434	1247	1249	1257	rVB2	18932	28884	0.78%	0.069%
31	10.557	1262	1270	1285	rBV2	102192	281667	7.64%	0.673%
32	10.981	1336	1342	1351	rVB2	8004	21735	0.59%	0.052%
33	11.163	1366	1373	1382	rBV2	16126	44515	1.21%	0.106%
34	11.934	1496	1504	1507	rBV10	4370	9844	0.27%	0.024%
35	11.993	1510	1514	1521	rVB6	6080	11140	0.30%	0.027%
36	12.069	1521	1527	1533	rVB3	6586	12856	0.35%	0.031%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	12.287	1561	1564	1569	rVV5	6991	12349	0.34%	0.030%
38	12.587	1605	1615	1621	rBV5	5731	16603	0.45%	0.040%
39	13.116	1694	1705	1711	rVB5	9622	27240	0.74%	0.065%
40	13.234	1718	1725	1727	rBV7	7554	12686	0.34%	0.030%
41	13.451	1756	1762	1768	rBV8	17374	29413	0.80%	0.070%
42	13.604	1781	1788	1791	rBV5	8896	16998	0.46%	0.041%
43	13.651	1792	1796	1799	rVV6	5632	9071	0.25%	0.022%
44	13.704	1799	1805	1817	rVB	525773	887883	24.10%	2.122%
45	13.904	1836	1839	1843	rBV3	9532	16964	0.46%	0.041%
46	13.981	1845	1852	1869	rVB2	664959	1316214	35.72%	3.146%
47	14.128	1869	1877	1885	rVB2	12073	26122	0.71%	0.062%
48	14.287	1898	1904	1912	rBV	552133	881839	23.93%	2.108%
49	14.357	1912	1916	1920	rVB2	17185	23524	0.64%	0.056%
50	14.528	1936	1945	1947	rBV4	59008	127827	3.47%	0.306%
51	14.563	1947	1951	1959	rVV	104262	222296	6.03%	0.531%
52	14.739	1978	1981	1985	rVB5	11802	14933	0.41%	0.036%
53	14.951	2008	2017	2025	rVB2	55811	110633	3.00%	0.264%
54	15.186	2055	2057	2062	rVB	10906	12909	0.35%	0.031%
55	15.310	2071	2078	2085	rBV	827046	1326939	36.01%	3.171%
56	15.369	2085	2088	2097	rVB2	27442	59346	1.61%	0.142%
57	15.469	2099	2105	2115	rBV	237156	413516	11.22%	0.988%
58	15.669	2135	2139	2149	rVB8	9256	19973	0.54%	0.048%
59	15.833	2164	2167	2175	rVV9	9370	18638	0.51%	0.045%
60	15.916	2175	2181	2190	rVB9	6159	16177	0.44%	0.039%
61	16.081	2203	2209	2218	rBV5	17490	41852	1.14%	0.100%
62	16.404	2259	2264	2270	rBV10	11372	31265	0.85%	0.075%
63	16.463	2272	2274	2279	rVB5	14283	17474	0.47%	0.042%
64	16.528	2283	2285	2289	rBV5	7306	10513	0.29%	0.025%
65	16.775	2320	2327	2338	rBV2	1678926	2812584	76.33%	6.722%
66	16.939	2351	2355	2361	rVB	49632	84673	2.30%	0.202%
67	17.133	2381	2388	2392	rBV	724208	1112359	30.19%	2.659%
68	17.175	2392	2395	2400	rVB	1206745	1630898	44.26%	3.898%
69	17.233	2400	2405	2409	rBV	998114	1379099	37.43%	3.296%
70	17.680	2476	2481	2487	rVB	79896	127846	3.47%	0.306%
71	17.775	2494	2497	2502	rVB3	53693	77335	2.10%	0.185%
72	17.969	2526	2530	2535	rBV5	33683	58696	1.59%	0.140%
73	18.051	2538	2544	2547	rVV	129091	196712	5.34%	0.470%
74	18.092	2547	2551	2560	rVV2	467021	788179	21.39%	1.884%
75	18.186	2564	2567	2571	rVV	45947	74115	2.01%	0.177%
76	18.245	2572	2577	2582	rVV2	210348	394834	10.72%	0.944%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43N8

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-BP050124.MA.M
Title : SVOA CALIBRATION

77	18.292	2582	2585	2592	rVB	96994	159127	4.32%	0.380%
78	18.580	2630	2634	2638	rBV	192355	240849	6.54%	0.576%
79	18.633	2639	2643	2650	rVB	153736	199135	5.40%	0.476%
80	18.839	2675	2678	2682	rBV2	33653	46951	1.27%	0.112%
81	18.933	2691	2694	2698	rVB2	34718	46610	1.27%	0.111%
82	19.016	2703	2708	2711	rBV	93216	161307	4.38%	0.386%
83	19.057	2712	2715	2723	rVV4	106738	227880	6.18%	0.545%
84	19.169	2730	2734	2742	rBV	178354	315224	8.56%	0.753%
85	19.292	2749	2755	2762	rBV	2024222	2976116	80.77%	7.113%
86	19.445	2777	2781	2787	rVB2	318655	512172	13.90%	1.224%
87	19.645	2809	2815	2817	rBV	1345596	1890493	51.31%	4.518%
88	19.680	2817	2821	2827	rVB	2458599	3684539	100.00%	8.806%
89	20.374	2935	2939	2943	rBV2	167028	216207	5.87%	0.517%
90	20.516	2960	2963	2967	rVB2	183461	234679	6.37%	0.561%
91	20.557	2967	2970	2976	rVB	153847	224156	6.08%	0.536%
92	21.245	3084	3087	3090	rBV	144259	175926	4.77%	0.420%
93	21.286	3091	3094	3098	rVV	149771	221192	6.00%	0.529%
94	21.633	3146	3153	3159	rBV3	1127776	3043543	82.60%	7.274%
95	21.686	3159	3162	3170	rVB	800468	1250469	33.94%	2.989%
96	23.951	3540	3547	3553	rBV	578032	1565804	42.50%	3.742%
97	24.692	3671	3673	3681	rVB	365157	606941	16.47%	1.451%
98	24.780	3681	3688	3694	rVV	659279	1682759	45.67%	4.022%
99	24.857	3696	3701	3710	rVB2	540000	1324272	35.94%	3.165%
100	25.015	3721	3728	3735	rVB	448843	1014267	27.53%	2.424%

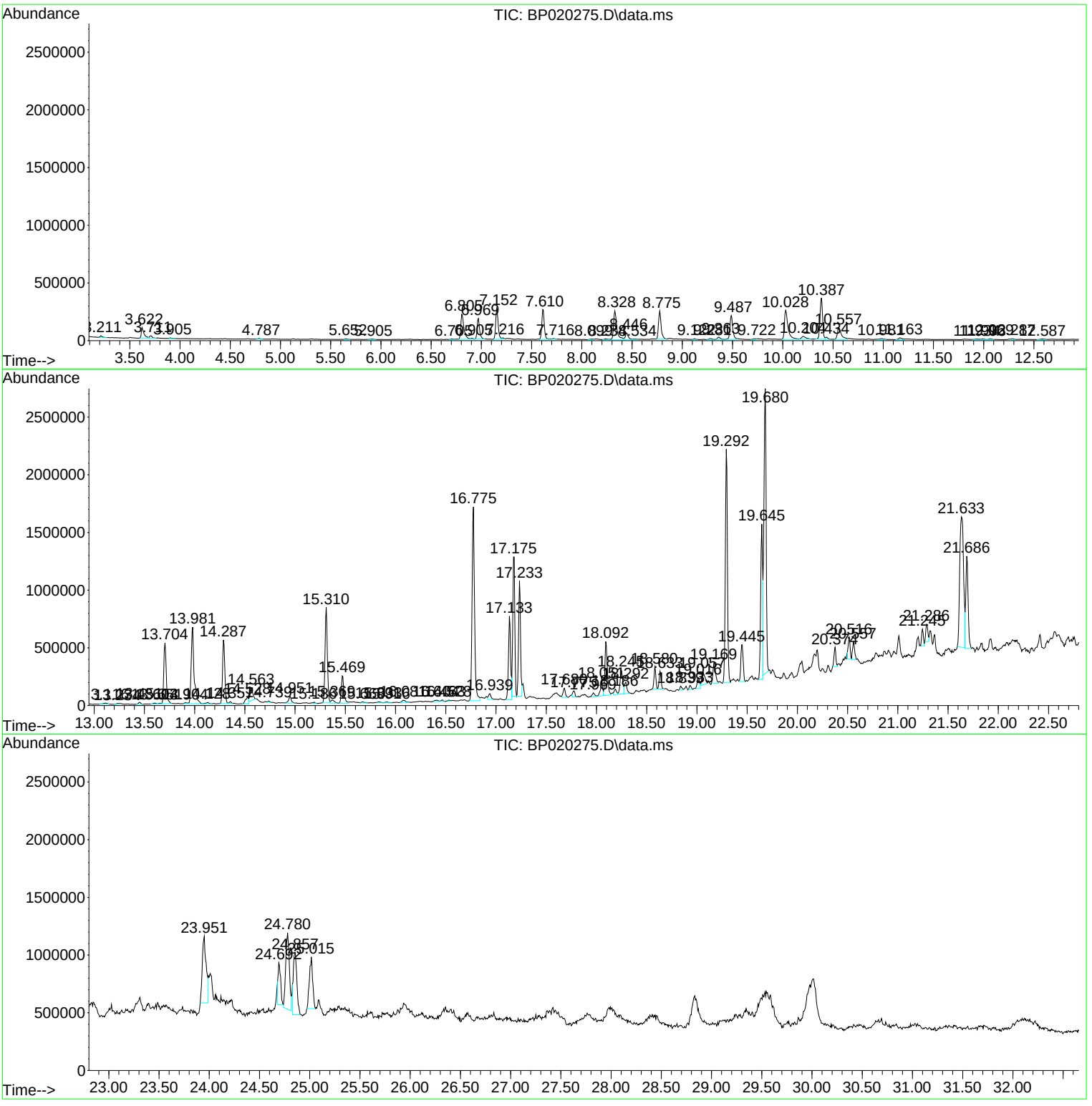
Sum of corrected areas: 41841164

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

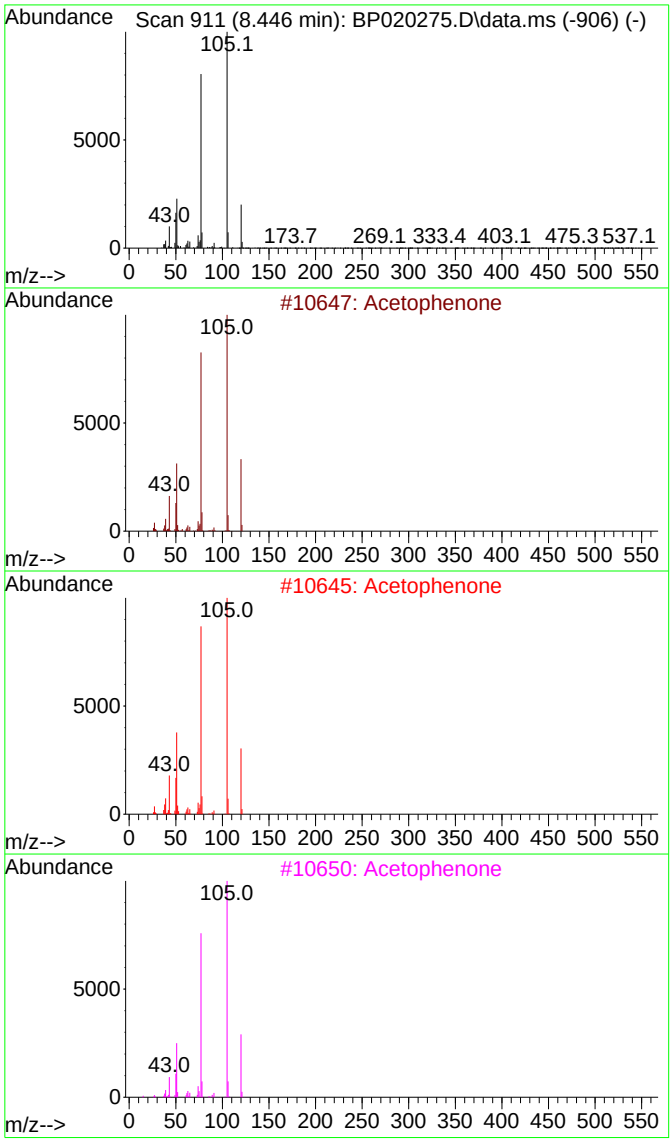
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

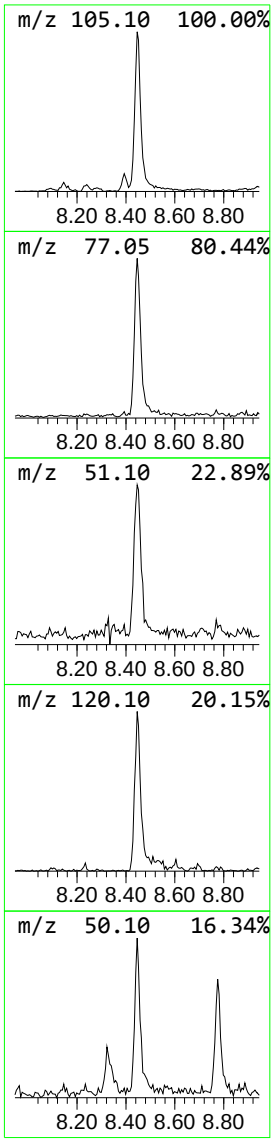
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.446	4.99 ng/ul	112346	1,4-Dichlorobenzene-d4	7.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	91
2	Acetophenone	120	C8H8O	000098-86-2	91
3	Acetophenone	120	C8H8O	000098-86-2	91
4	Acetophenone	120	C8H8O	000098-86-2	90
5	2-fluoro-1-phenylethanone	138	C8H7FO	1000456-25-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

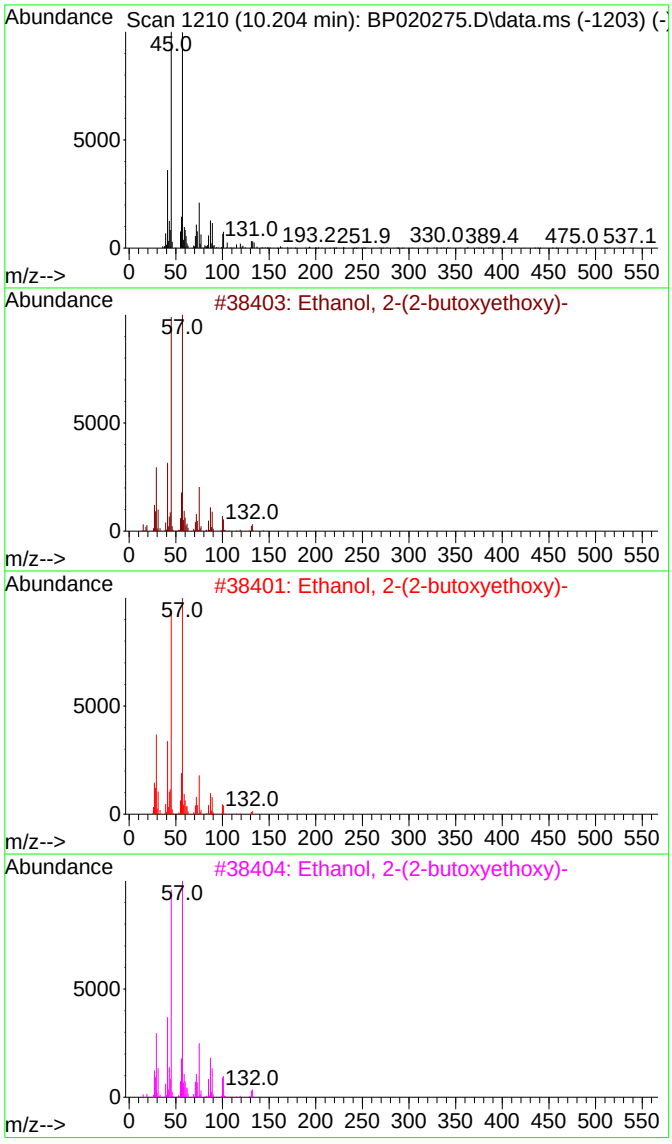
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

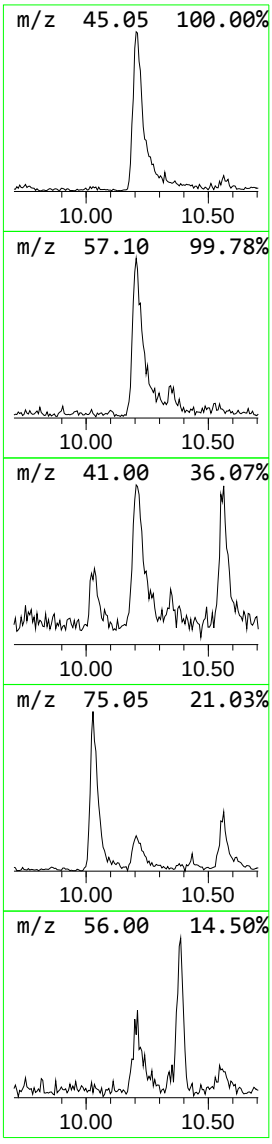
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.204	2.35 ng/ul	75293	Naphthalene-d8	10.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

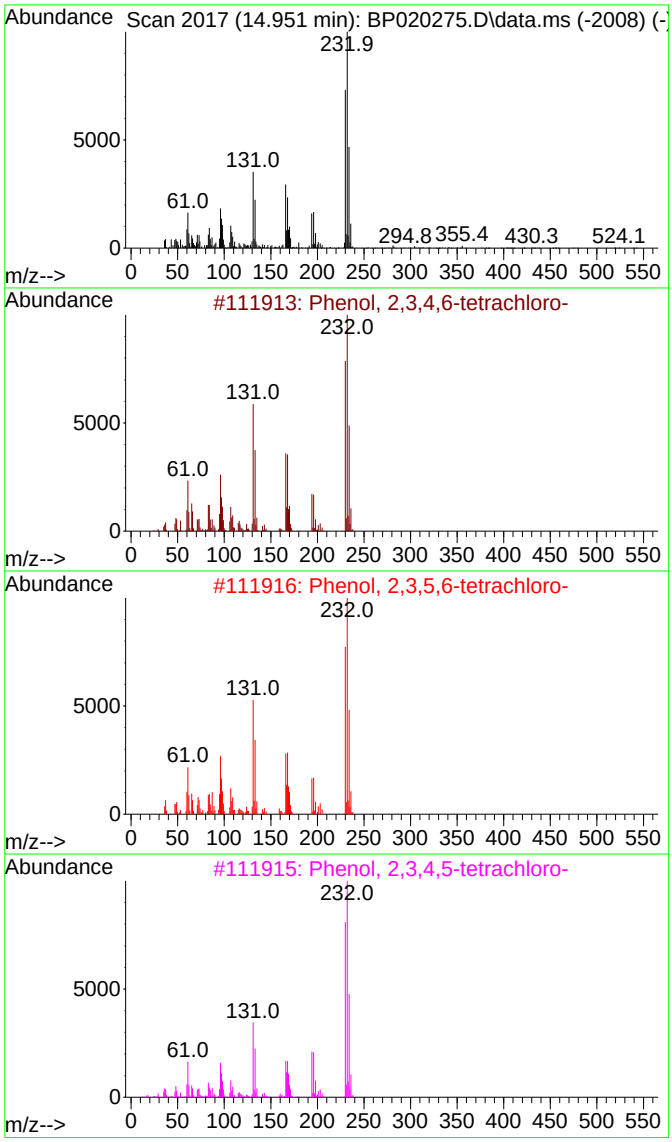
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

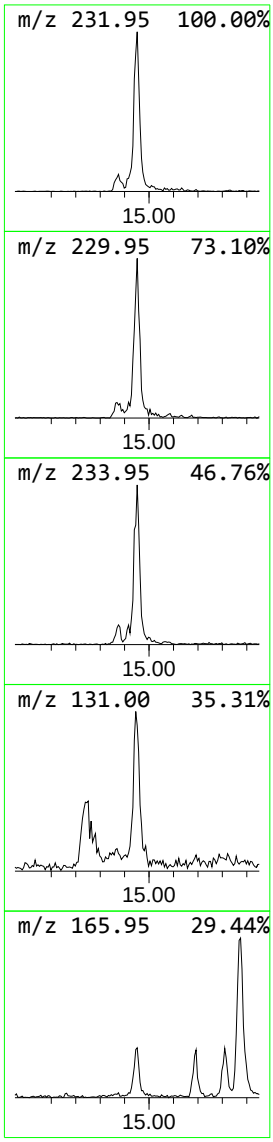
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 2,3,4,6-tetrachloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	2.51 ng/ul	110633	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
3	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	99
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
5	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

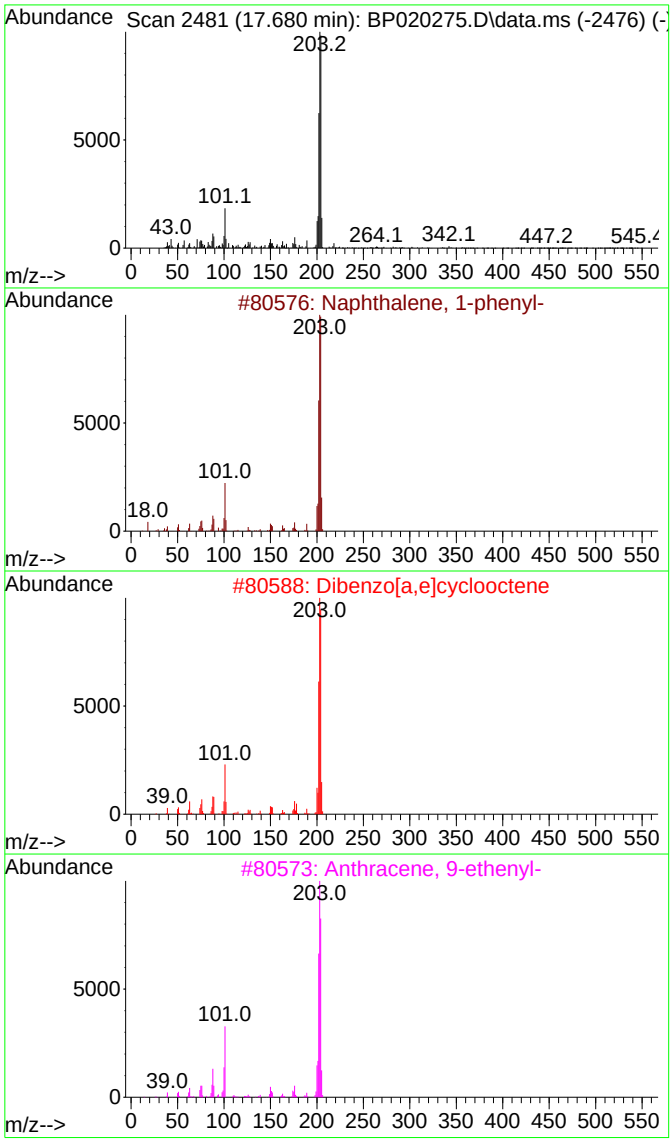
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

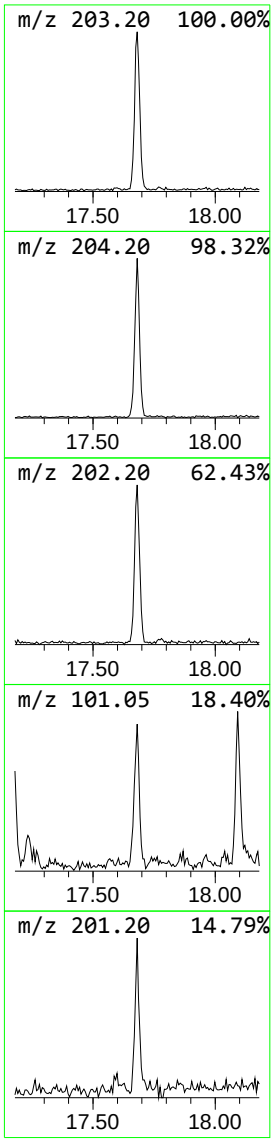
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	2.30 ng/ul	127846	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	97
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	90
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

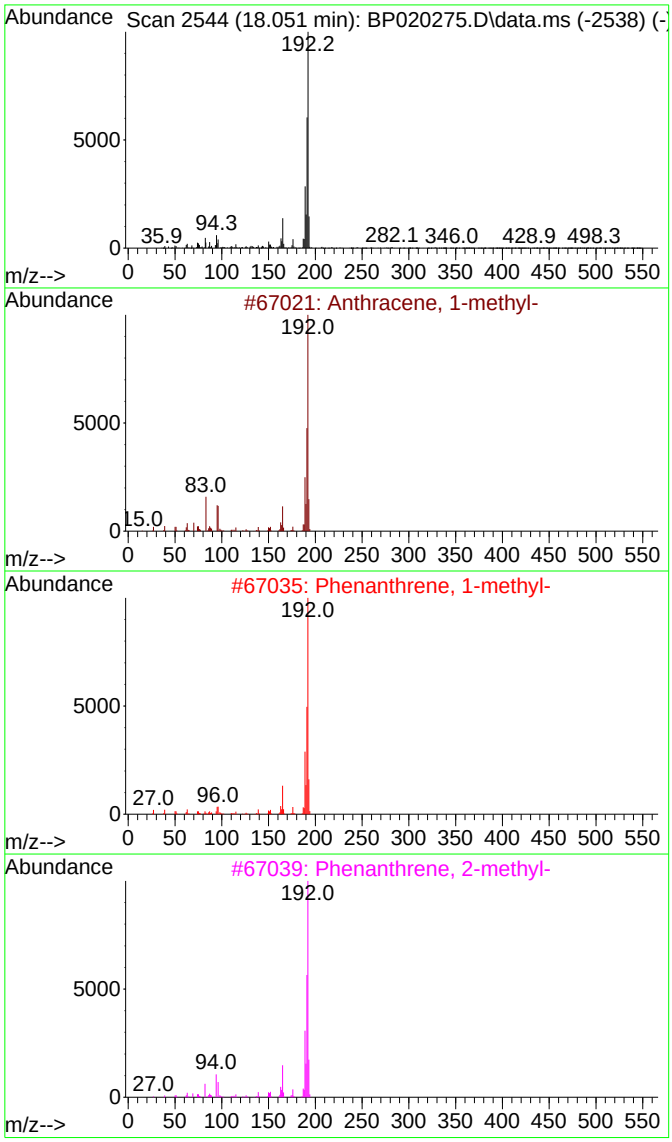
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

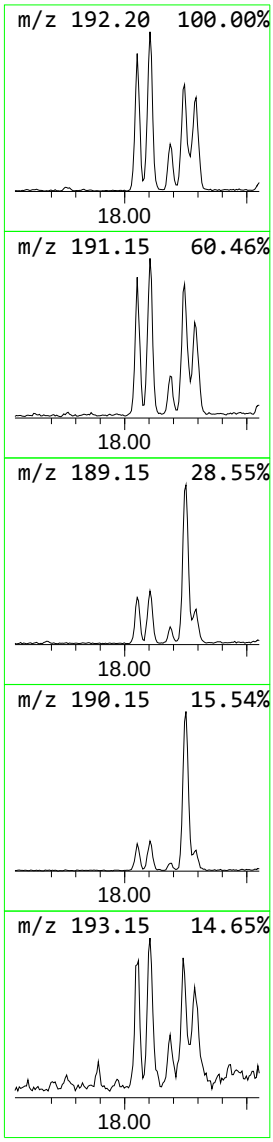
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	3.54 ng/ul	196712	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

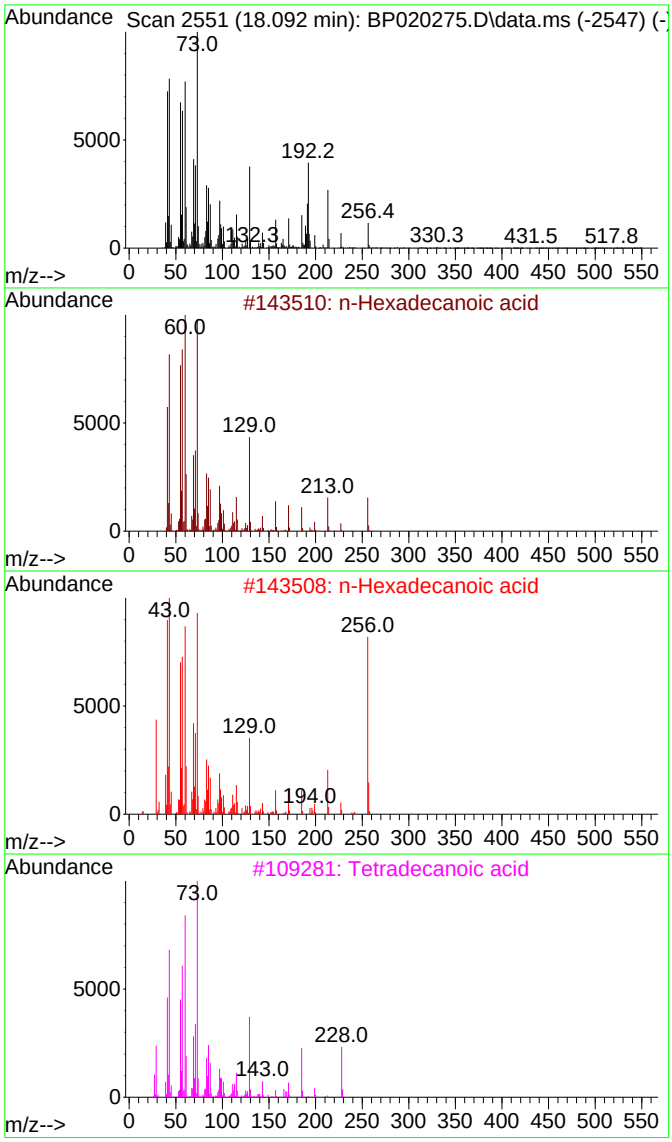
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

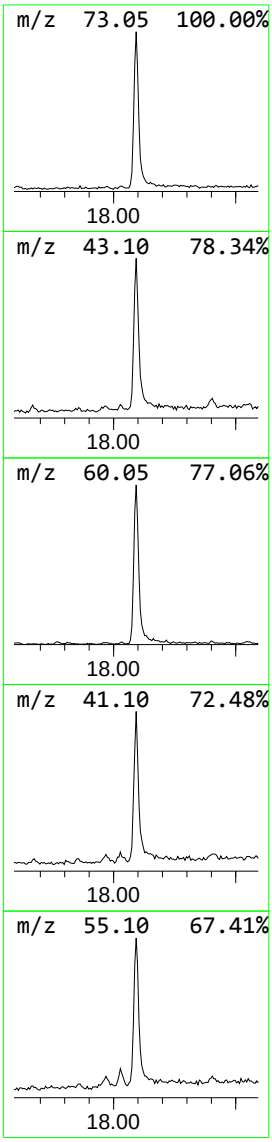
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	14.17 ng/ul	788179	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

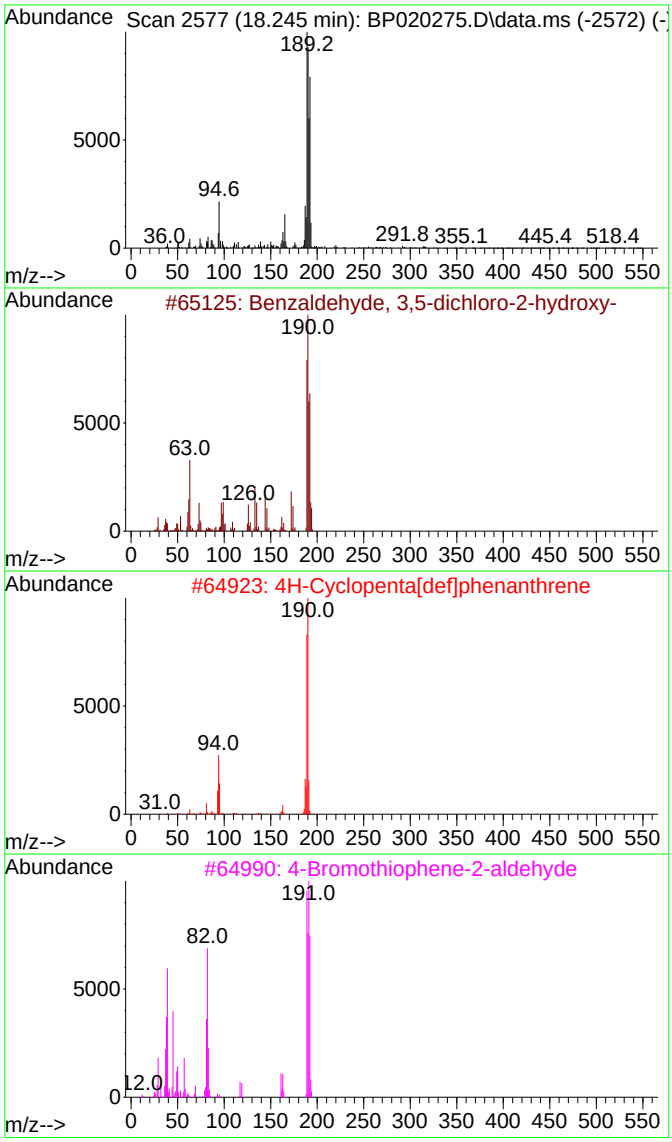
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

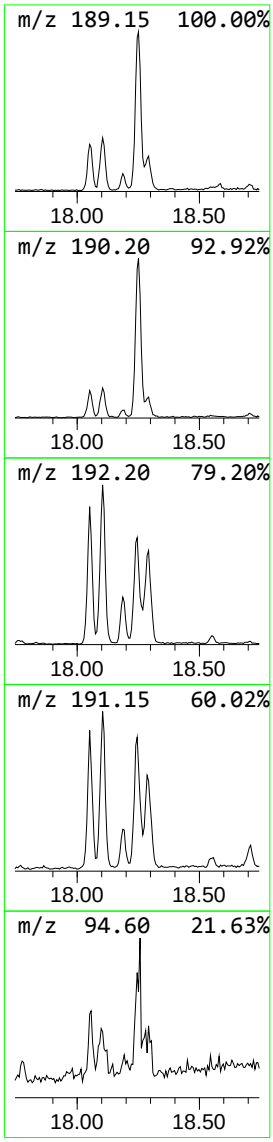
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	7.10 ng/ul	394834	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

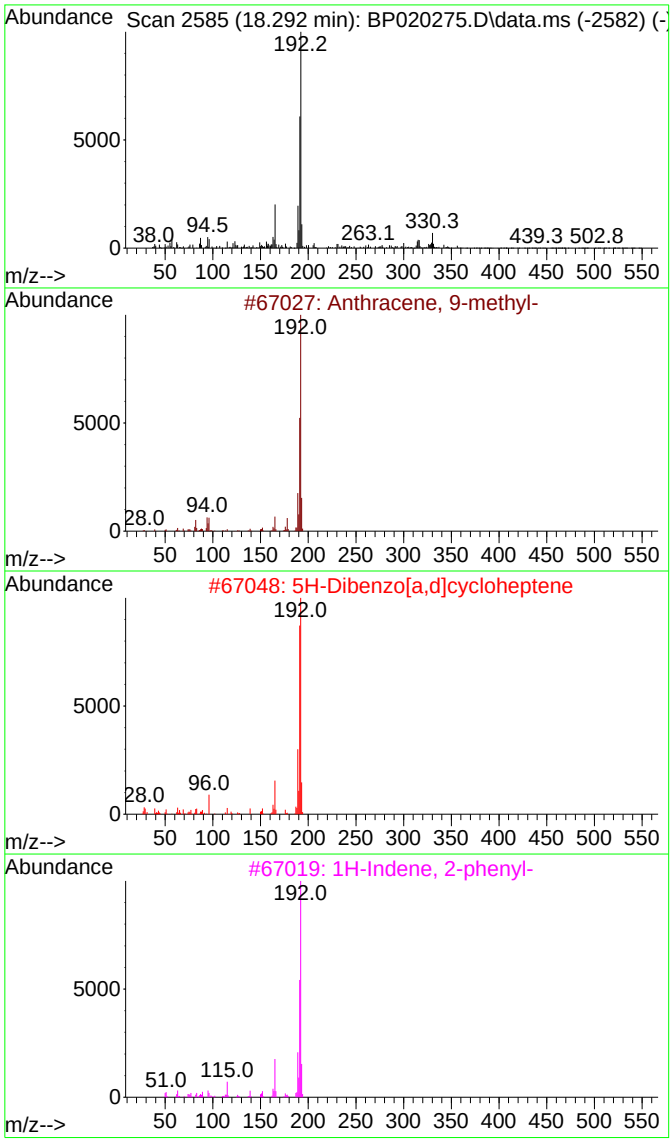
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

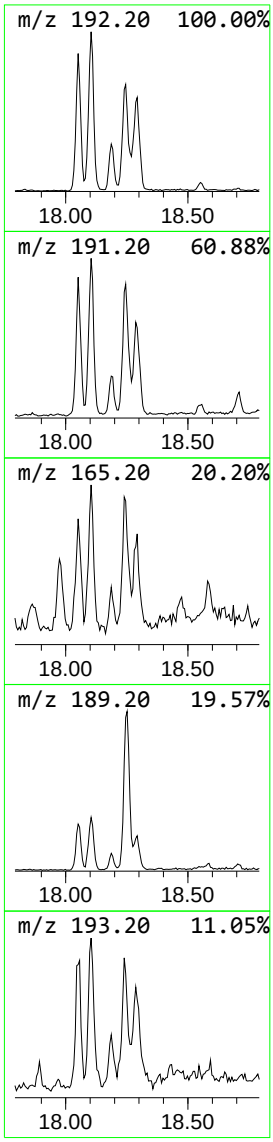
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.86 ng/ul	159127	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	70
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	68
4	3,5 (4H,8H)-Dihydro-8-thia-1,3-d...	192	C9H8N2OS	014346-25-9	59
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

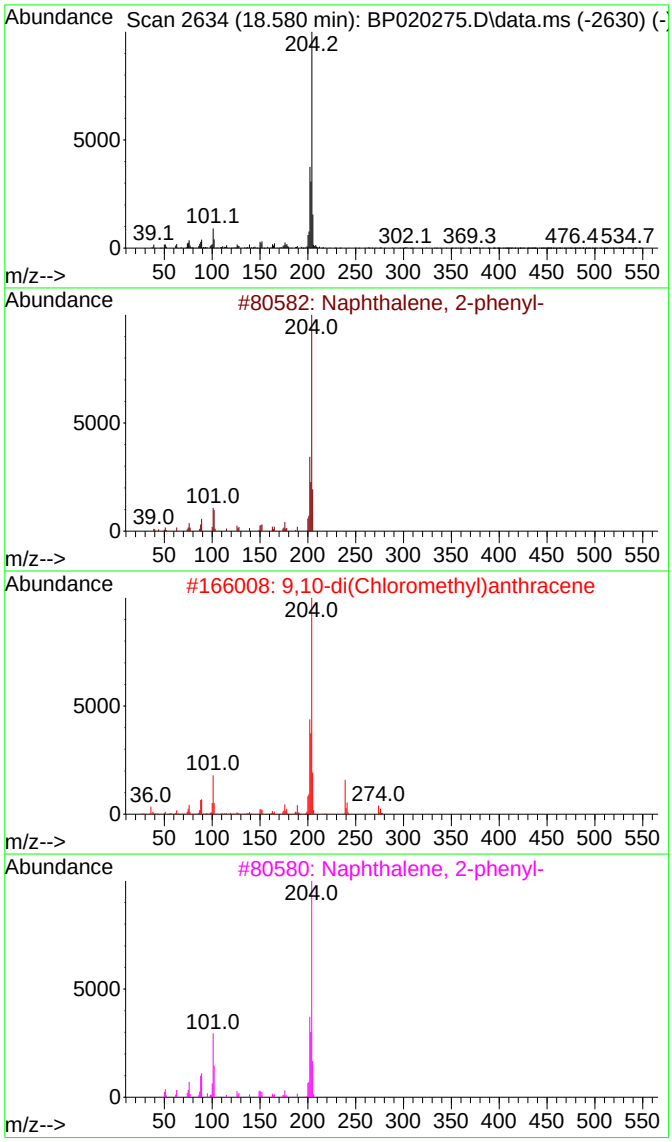
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

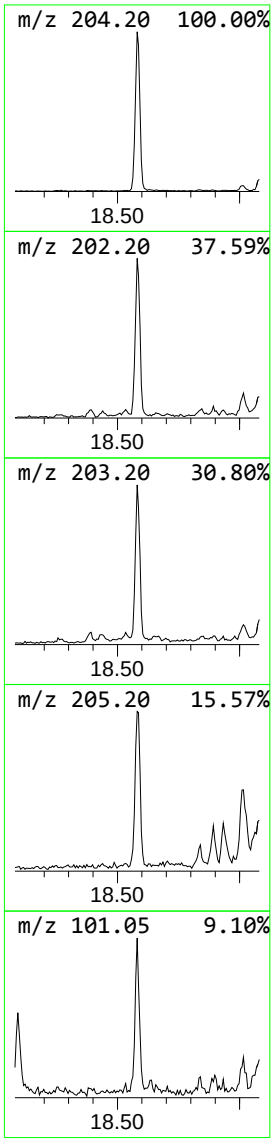
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.580	4.33 ng/ul	240849	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

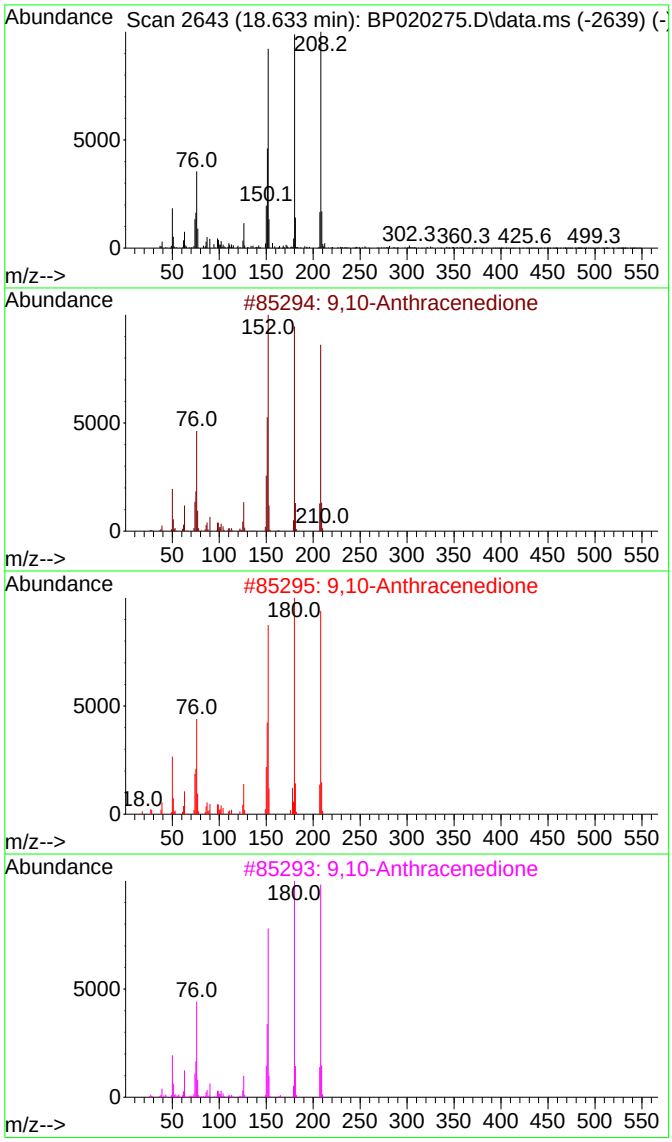
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

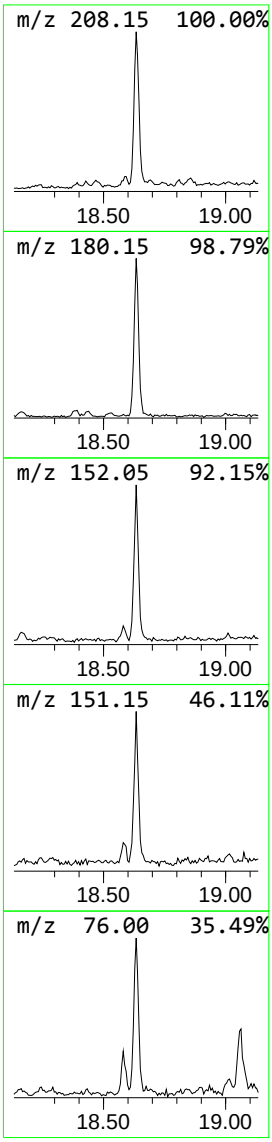
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.633	3.58 ng/ul	199135	Phenanthrene-d10	17.133

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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

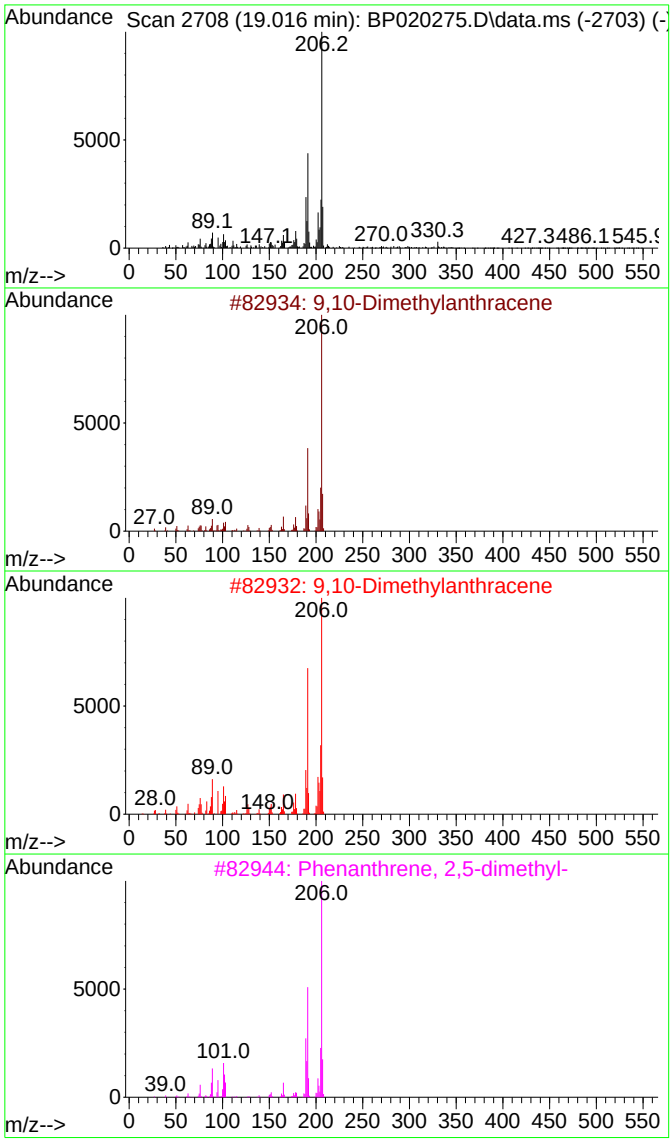
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

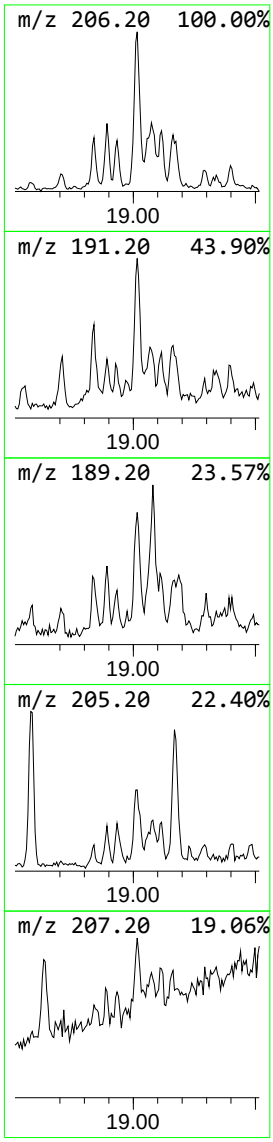
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	2.90 ng/ul	161307	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

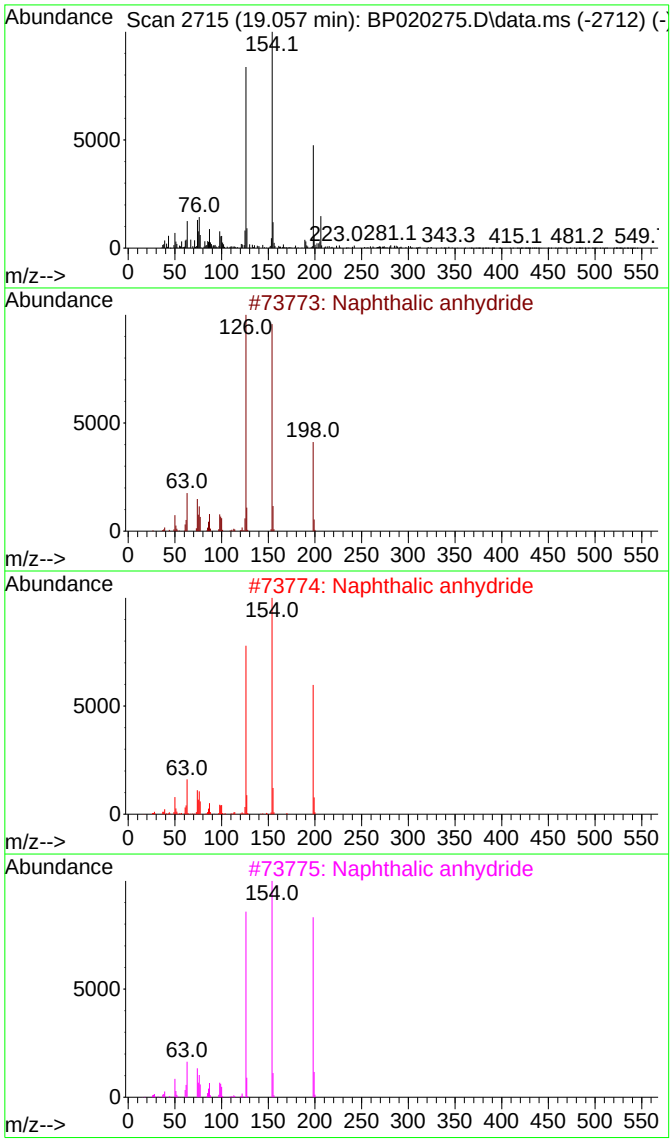
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

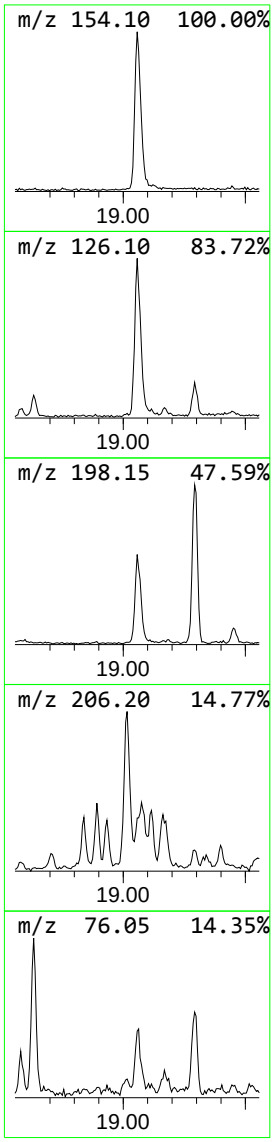
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalic anhydride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	4.10 ng/ul	227880	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	98
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	97
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

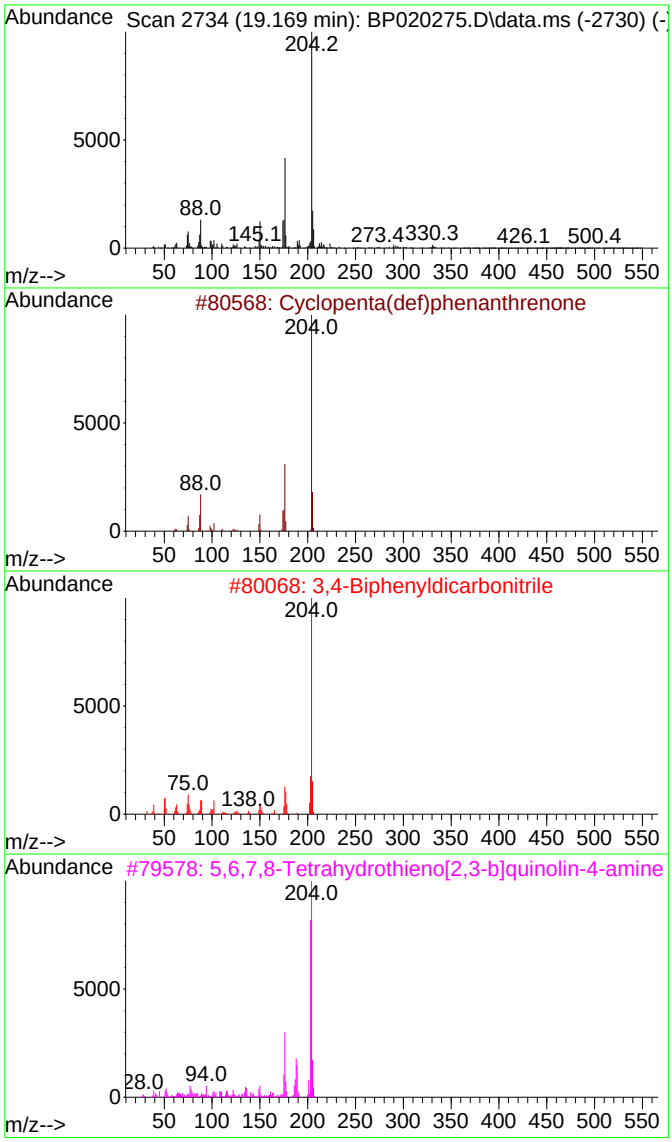
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

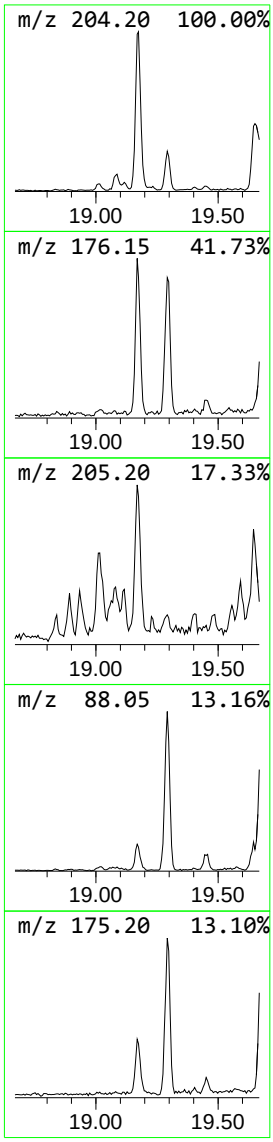
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.169	5.67 ng/ul	315224	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
4	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

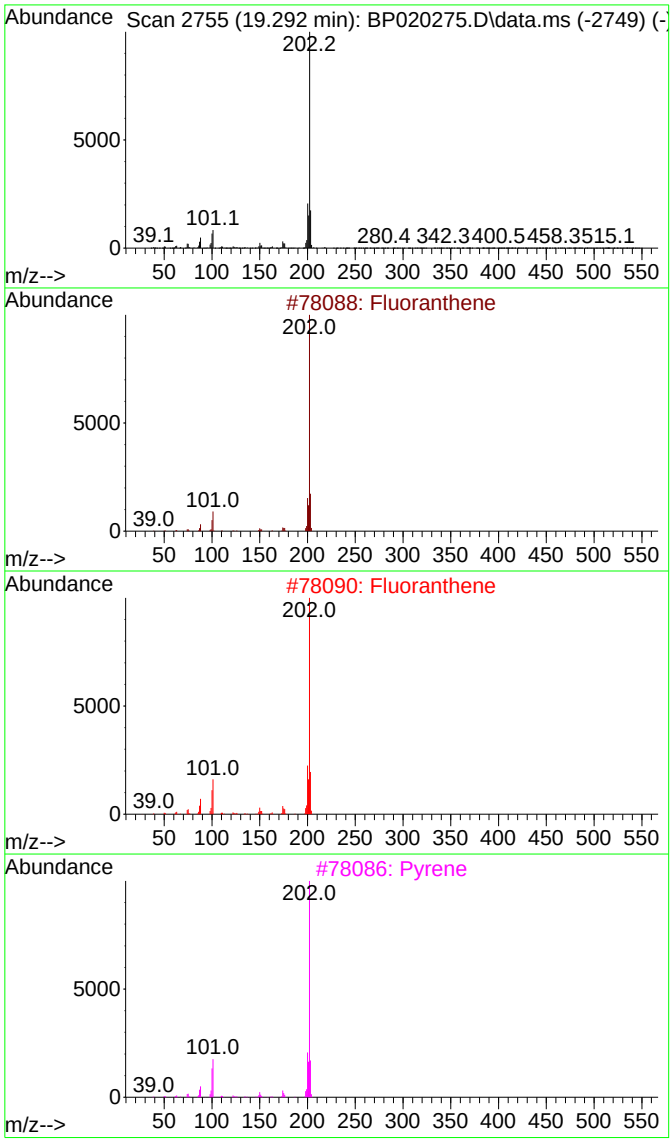
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

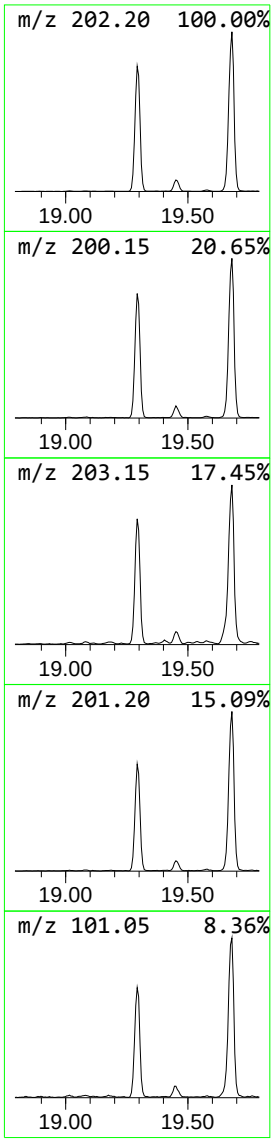
****

Peak Number 14 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	53.51 ng/ul	2976120	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Pyrene	202	C16H10	000129-00-0	89
4	Pyrene	202	C16H10	000129-00-0	83
5	Fluoranthene	202	C16H10	000206-44-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

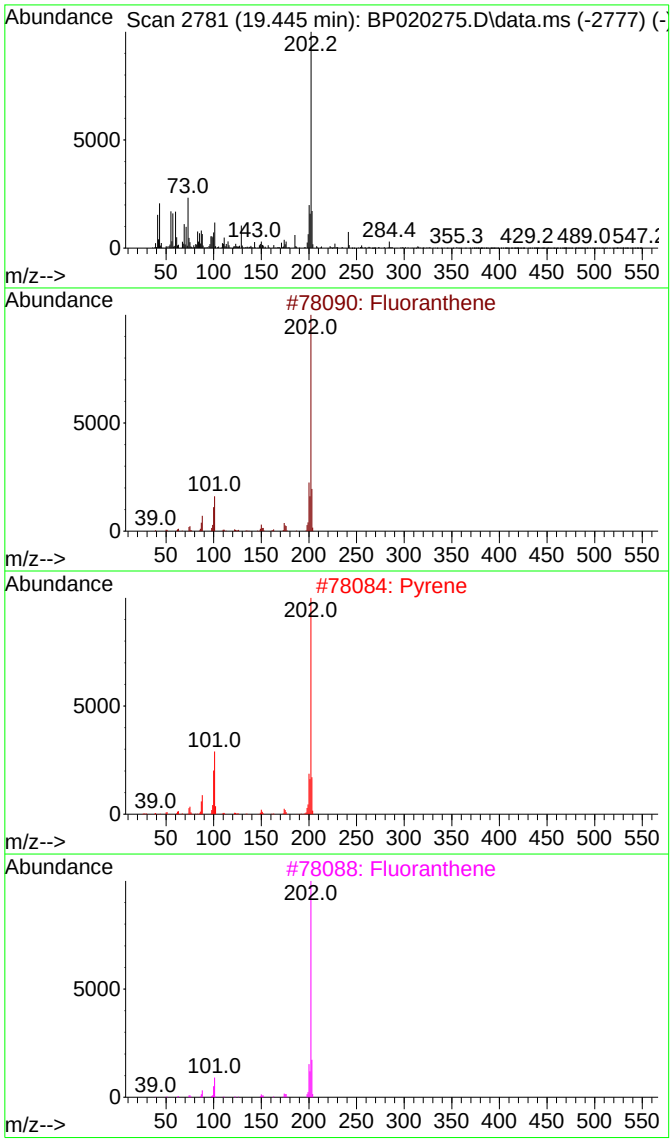
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

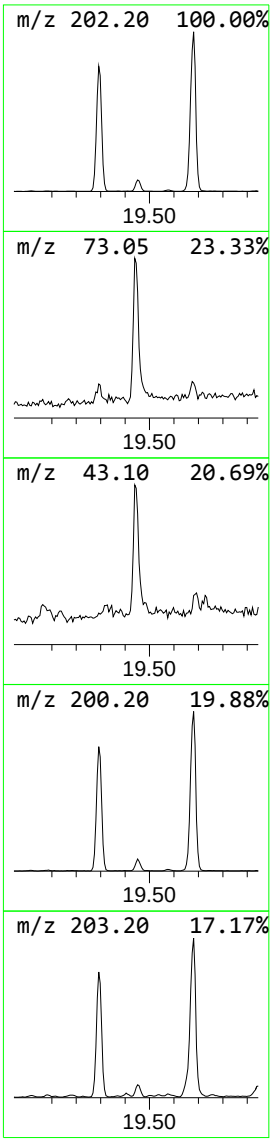
****

Peak Number 15 Pyr ene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	3.37 ng/ul	512172	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	78
2	Pyrene	202	C16H10	000129-00-0	70
3	Fluoranthene	202	C16H10	000206-44-0	64
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	60
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

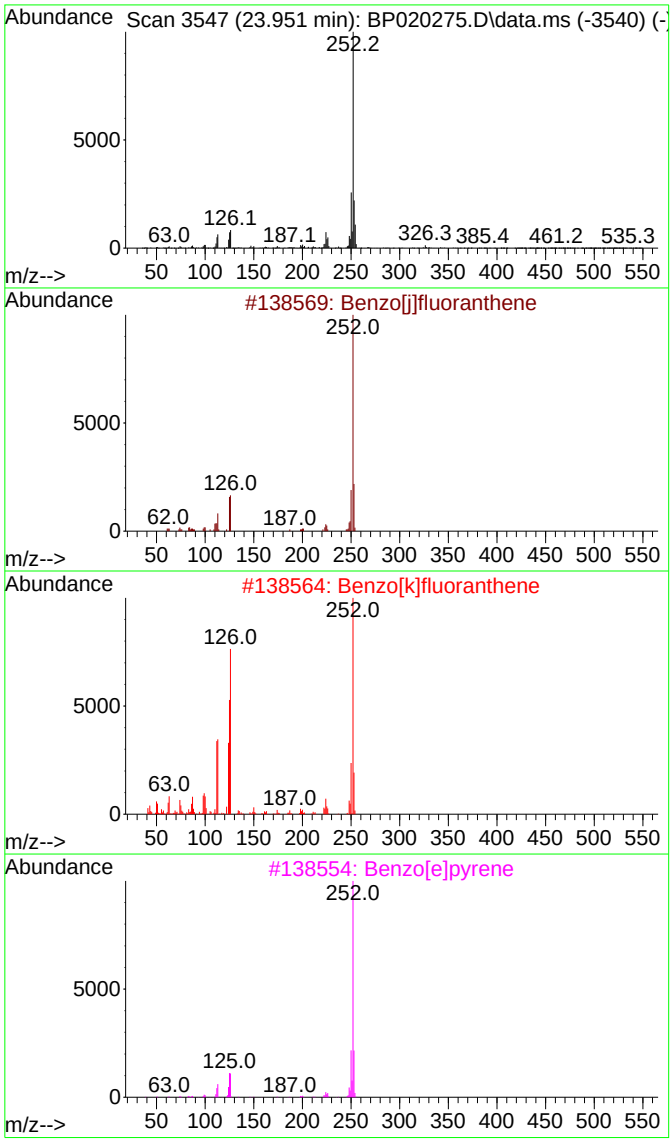
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

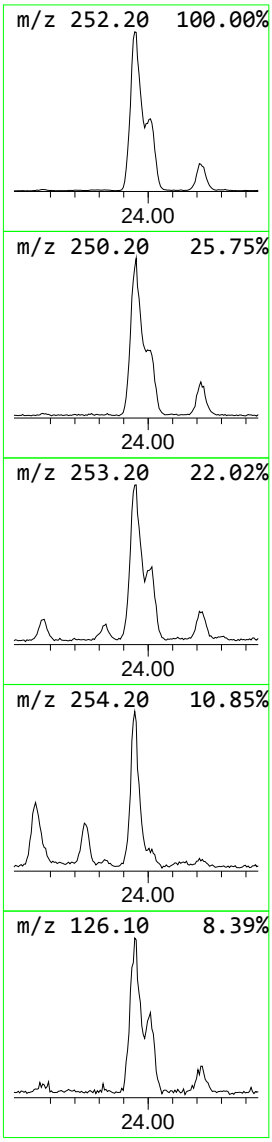
****

Peak Number 16 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.951	30.88 ng/ul	1565800	Perylene-d12	25.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

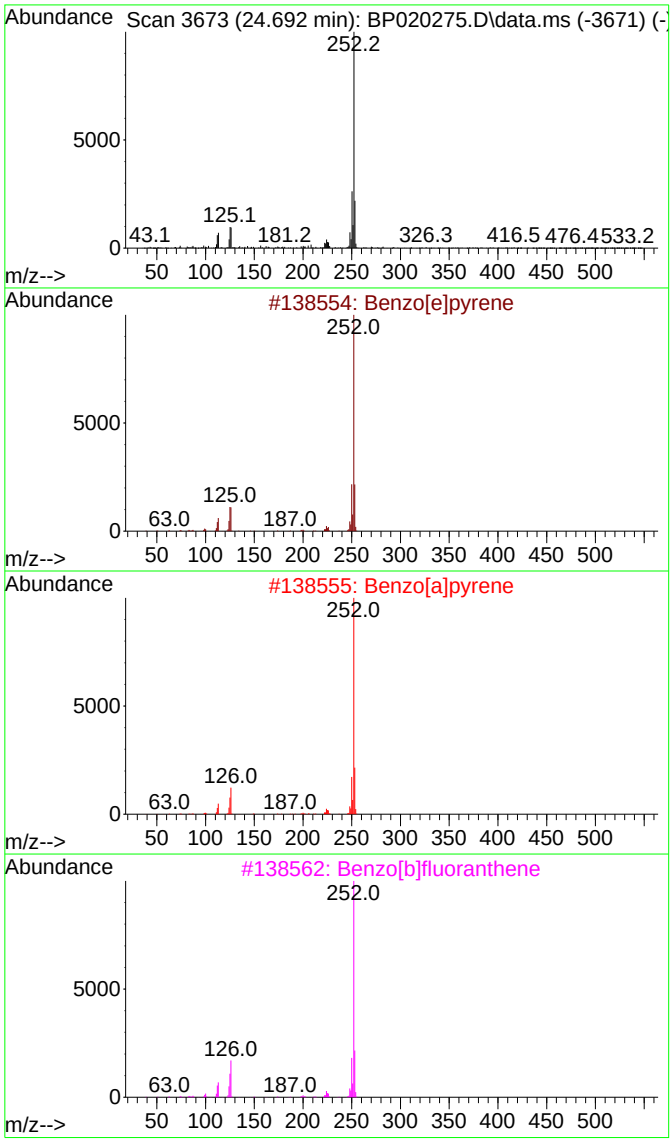
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

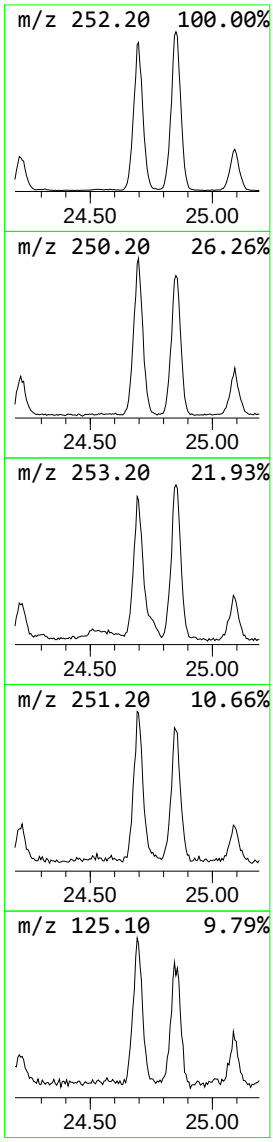
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.692	11.97 ng/ul	606941	Perylene-d12	25.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

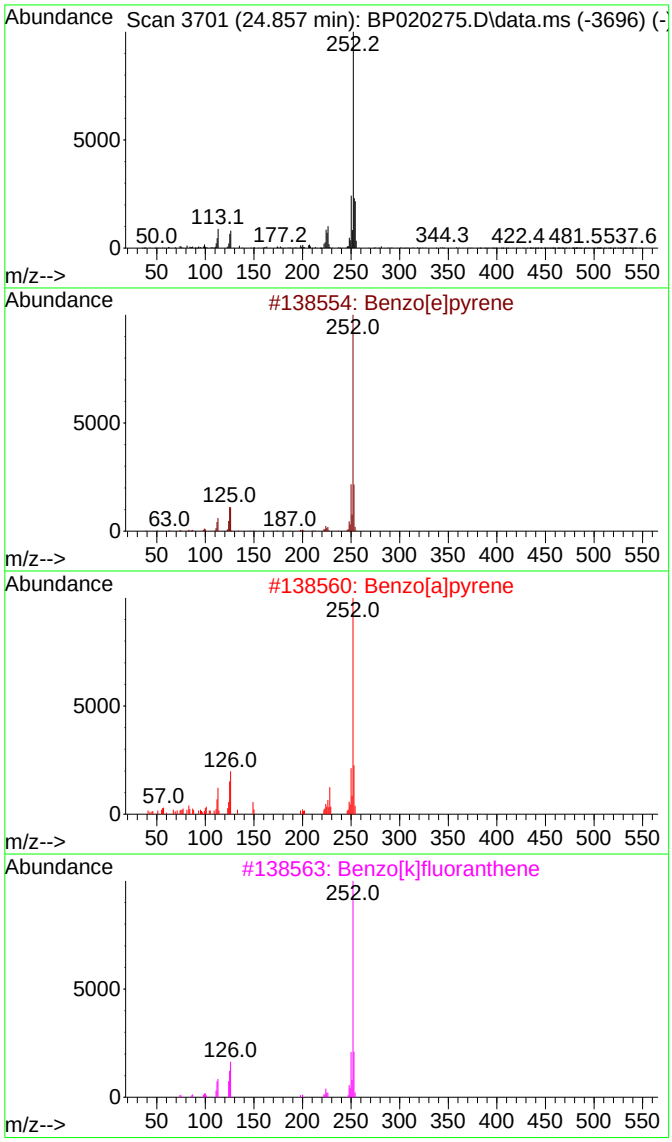
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

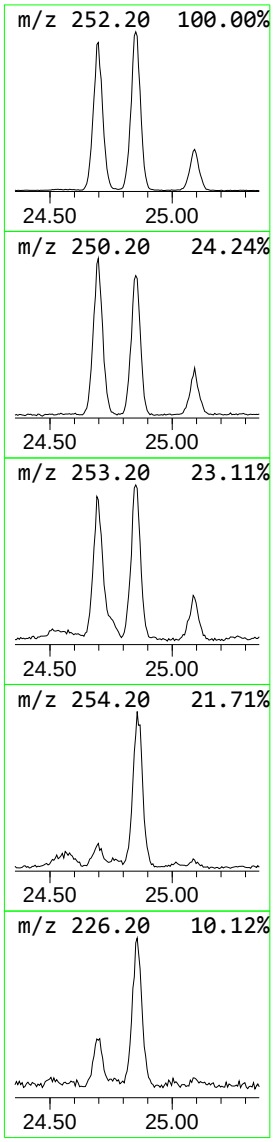
****

Peak Number 18 Benzo[a]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.857	26.11 ng/ul	1324270	Perylene-d12	25.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	70
2	Benzo[a]pyrene	252	C20H12	000050-32-8	70
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	62
5	Benzo[a]pyrene	252	C20H12	000050-32-8	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020275.D
Acq On : 09 May 2024 20:25
Operator : MA/JU
Sample : P2369-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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	8.446	5.0	ng/ul	112346	1	7.610	450710	20.0
Ethanol, 2-(2-b...	10.204	2.4	ng/ul	75293	2	10.381	639932	20.0
Phenol, 2,3,4,6...	14.951	2.5	ng/ul	110633	3	14.287	881839	20.0
Naphthalene, 1-...	17.680	2.3	ng/ul	127846	4	17.133	1112360	20.0
Anthracene, 1-m...	18.051	3.5	ng/ul	196712	4	17.133	1112360	20.0
n-Hexadecanoic ...	18.092	14.2	ng/ul	788179	4	17.133	1112360	20.0
Benzaldehyde, 3...	18.245	7.1	ng/ul	394834	4	17.133	1112360	20.0
Anthracene, 9-m...	18.292	2.9	ng/ul	159127	4	17.133	1112360	20.0
Naphthalene, 2-...	18.580	4.3	ng/ul	240849	4	17.133	1112360	20.0
9,10-Anthracene...	18.633	3.6	ng/ul	199135	4	17.133	1112360	20.0
9,10-Dimethylan...	19.016	2.9	ng/ul	161307	4	17.133	1112360	20.0
Naphthalic anhy...	19.057	4.1	ng/ul	227880	4	17.133	1112360	20.0
Cyclopenta(def)...	19.169	5.7	ng/ul	315224	4	17.133	1112360	20.0
Fluoran thene	19.292	53.5	ng/ul	2976120	4	17.133	1112360	20.0
Pyr ene	19.445	3.4	ng/ul	512172	5	21.645	3043540	20.0
Benzo[j]fluoran...	23.951	30.9	ng/ul	1565800	6	25.015	1014270	20.0
Benzo[e]pyrene	24.692	12.0	ng/ul	606941	6	25.015	1014270	20.0
Benzo[a]pyrene	24.857	26.1	ng/ul	1324270	6	25.015	1014270	20.0