LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

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-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020724.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.058	10	12	20	rVB	91279	117698	3.29%	0.173%
2	3.276	44	49	54	rBV	44879	61409	1.72%	0.090%
3	3.540	90	94	104	rVB	95316	136855	3.83%	0.201%
4	3.693	114	120	130	rBV	158059	239084	6.69%	0.351%
5	3.781	131	135	141	rVV	81725	104918	2.94%	0.154%
6	4.540	260	264	269	rVV	50105	74505	2.08%	0.110%
7	4.587	269	272	280	rVB	43306	59536	1.67%	0.088%
8	4.893	318	324	332	rBV	201476	288407	8.07%	0.424%
9	6.922	661	669	682	rVB	790190	1267239	35.45%	1.863%
10	7.081	689	696	707	rVB	630384	982469	27.49%	1.444%
11	7.281	723	730	737	rBV	863112	1308700	36.61%	1.924%
12	7.352	737	742	751	rVV	29469	68531	1.92%	0.101%
13	7.734	799	807	815	rBV	692550	1176323	32.91%	1.729%
14	8.440	920	927	934	rBV	909327	1457903	40.79%	2.143%
15	8.887	995	1003	1017	rBV	767002	1255147	35.11%	1.845%
16	9.440	1091	1097	1107	rVB	81031	132535	3.71%	0.195%
17	9.599	1114	1124	1137	rBV	561439	1076875	30.13%	1.583%
18	10.134	1208	1215	1225	rBV	1008759	1586147	44.37%	2.331%
19	10.510	1271	1279	1284	rBV	991040	1628001	45.54%	2.393%
20	10.557	1284	1287	1292	rVV	67534	102238	2.86%	0.150%
21	10.646	1295	1302	1320	rVV	505595	993251	27.79%	1.460%
22	11.046	1364	1370	1378	rBV4	31441	68313	1.91%	0.100%
23	11.252	1398	1405	1412	rBV	139563	271893	7.61%	0.400%
24	12.175	1557	1562	1569	rVB	42412	66160	1.85%	0.097%
25	12.387	1593	1598	1610	rVB	35777	70738	1.98%	0.104%
26	13.540	1787	1794	1804	rVB4	21213	61447	1.72%	0.090%
27	13.687	1813	1819	1824	rBV	40126	74036	2.07%	0.109%
28	13.775	1829	1834	1841	rVV	1795255	2286584	63.97%	3.361%
29	13.846	1841	1846	1850	rVB2	49899	72836	2.04%	0.107%
30	14.063	1871	1883	1896	rBV	1783254	2751393	76.97%	4.044%
31	14.375	1926	1936	1942	rBV	1500436	2081107	58.22%	3.059%
32	14.440	1942	1947	1953	rVV	157257	257223	7.20%	0.378%
33	14.504	1953	1958	1966	rVB	217115	314972	8.81%	0.463%
34	14.593	1966	1973	1983	rBV	455394	915083	25.60%	1.345%
35	14.781	2001	2005	2015	rVV	136570	288731	8.08%	0.424%
36	15.181	2067	2073	2077	rBV6	30999	62383	1.75%	0.092%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

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-BP062524.MA.M
Title : SVOA CALIBRATION

37	15.322	2093	2097	2101	rBV	45186	70608	1.98%	0.104%
38	15.387	2101	2108	2113	rVV	2069290	3156991	88.32%	4.640%
39	15.440	2113	2117	2124	rVV2	224547	361304	10.11%	0.531%
40	15.516	2124	2130	2137	rVV	521985	816319	22.84%	1.200%
41	15.569	2137	2139	2142	rVV	45984	58824	1.65%	0.086%
42	15.610	2142	2146	2148	rVV2	49883	78387	2.19%	0.115%
43	15.651	2148	2153	2158	rVV	722790	967387	27.06%	1.422%
44	15.740	2164	2168	2177	rVB2	62987	119672	3.35%	0.176%
45	15.893	2190	2194	2202	rVB	77607	143313	4.01%	0.211%
46	15.987	2202	2210	2216	rVB5	21962	58597	1.64%	0.086%
47	16.281	2254	2260	2267	rBV	305054	454103	12.70%	0.667%
48	16.392	2274	2279	2284	rBV	478106	640610	17.92%	0.942%
49	16.581	2307	2311	2315	rBV5	39884	65604	1.84%	0.096%
50	16.704	2325	2332	2337	rBV2	208543	316656	8.86%	0.465%
51	16.834	2349	2354	2360	rVB	95592	150619	4.21%	0.221%
52	16.934	2364	2371	2378	rVV7	50234	155387	4.35%	0.228%
53	16.998	2378	2382	2387	rVV	136802	216993	6.07%	0.319%
54	17.057	2387	2392	2396	rVV2	362634	526309	14.72%	0.774%
55	17.092	2396	2398	2404	rVB	140287	194773	5.45%	0.286%
56	17.181	2407	2413	2417	rBV	1328330	2060827	57.65%	3.029%
57	17.228	2417	2421	2426	rVV	1854234	2891202	80.88%	4.250%
58	17.292	2426	2432	2436	rVV	1772021	2972236	83.15%	4.369%
59	17.322	2436	2437	2442	rVV	420015	567870	15.89%	0.835%
60	17.369	2442	2445	2452	rVB2	309525	448070	12.54%	0.659%
61	17.610	2477	2486	2490	rBV	197109	360612	10.09%	0.530%
62	17.651	2490	2493	2497	rVB	144823	207441	5.80%	0.305%
63	17.722	2502	2505	2509	rVV2	48735	79420	2.22%	0.117%
64	17.804	2513	2519	2526	rVB2	302094	528823	14.79%	0.777%
65	17.922	2536	2539	2547	rVB3	113336	178288	4.99%	0.262%
66	18.010	2547	2554	2559	rBV4	73702	157844	4.42%	0.232%
67	18.092	2560	2568	2571	rBV	256871	426286	11.93%	0.627%
68	18.134	2571	2575	2584	rVB2	763455	1156369	32.35%	1.700%
69	18.234	2587	2592	2597	rVB2	96049	176942	4.95%	0.260%
70	18.298	2597	2603	2607	rBV2	478844	814309	22.78%	1.197%
71	18.339	2608	2610	2612	rBV	68573	75571	2.11%	0.111%
72	18.410	2618	2622	2627	rBV3	85677	132424	3.70%	0.195%
73	18.616	2653	2657	2661	rVV	194097	213814	5.98%	0.314%
74	18.663	2661	2665	2669	rVB	111001	145012	4.06%	0.213%
75	18.710	2669	2673	2676	rBV3	79897	112784	3.16%	0.166%
76	18.869	2697	2700	2704	rBV2	85610	108910	3.05%	0.160%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

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-BP062524.MA.M
Title : SVOA CALIBRATION

77	18.922	2705	2709	2713	rVV3	119316	168936	4.73%	0.248%
78	18.963	2713	2716	2720	rVB2	45264	58666	1.64%	0.086%
79	19.045	2726	2730	2734	rBV	98548	156311	4.37%	0.230%
80	19.104	2736	2740	2745	rVV5	52116	109987	3.08%	0.162%
81	19.198	2751	2756	2764	rVB4	108284	210608	5.89%	0.310%
82	19.322	2771	2777	2784	rVB	2404828	3100473	86.74%	4.557%
83	19.463	2797	2801	2807	rVB4	146627	216448	6.06%	0.318%
84	19.669	2830	2836	2839	rBV	2368441	3574500	100.00%	5.254%
85	19.698	2839	2841	2850	rVV	1455263	1854392	51.88%	2.726%
86	19.775	2851	2854	2861	rVB3	113932	184833	5.17%	0.272%
87	19.886	2870	2873	2879	rVB	118384	180236	5.04%	0.265%
88	20.039	2895	2899	2900	rBV2	112090	150398	4.21%	0.221%
89	20.133	2912	2915	2918	rBV	173399	188383	5.27%	0.277%
90	20.216	2925	2929	2933	rVB	240660	351221	9.83%	0.516%
91	20.322	2944	2947	2951	rBV	144002	164902	4.61%	0.242%
92	20.381	2953	2957	2962	rVV2	170670	282794	7.91%	0.416%
93	21.016	3061	3065	3074	rBV	195393	280050	7.83%	0.412%
94	21.251	3103	3105	3109	rVB	143137	144307	4.04%	0.212%
95	21.316	3112	3116	3120	rVB3	404473	544862	15.24%	0.801%
96	21.639	3164	3171	3177	rBV3	1470899	3480900	97.38%	5.117%
97	21.692	3177	3180	3193	rVB	753007	1250383	34.98%	1.838%
98	23.945	3556	3563	3570	rBV3	445932	1385522	38.76%	2.037%
99	24.780	3698	3705	3713	rBV	800533	1829862	51.19%	2.690%
100	25.010	3737	3744	3755	rVB	755179	2034564	56.92%	2.991%

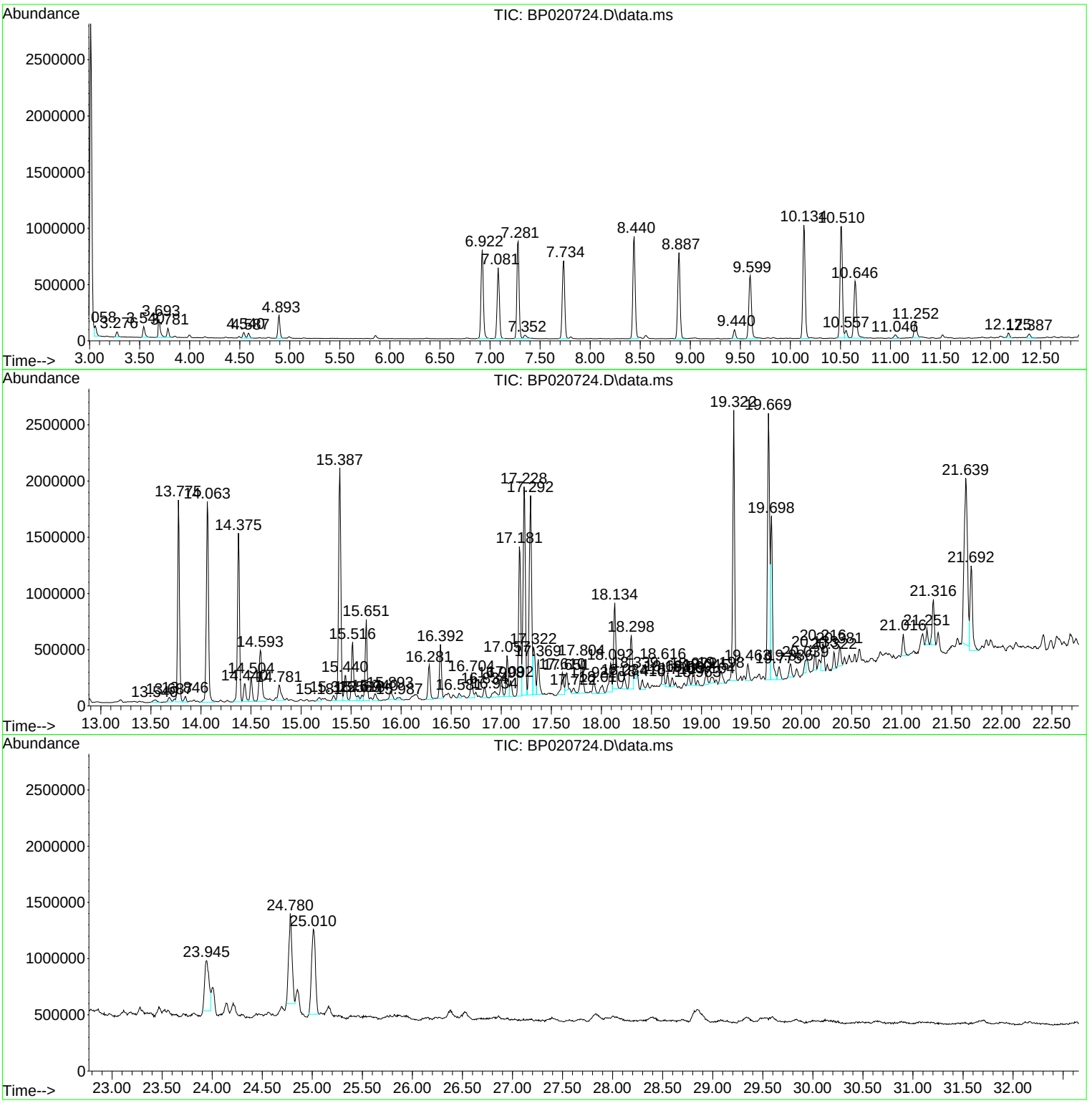
Sum of corrected areas: 68031718

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

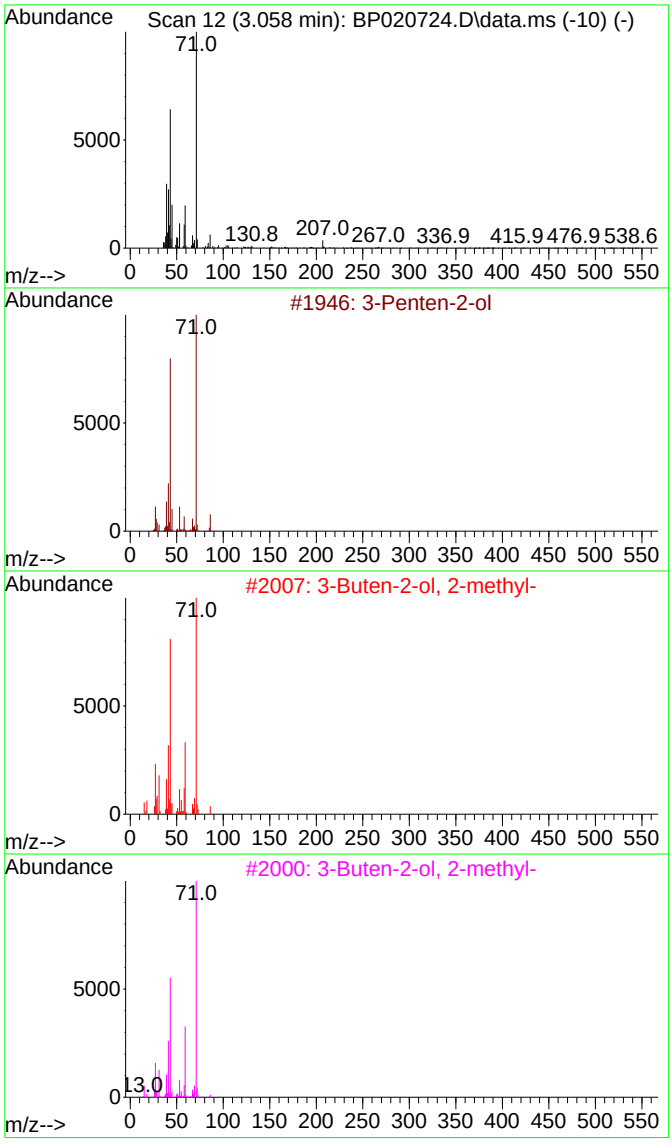
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

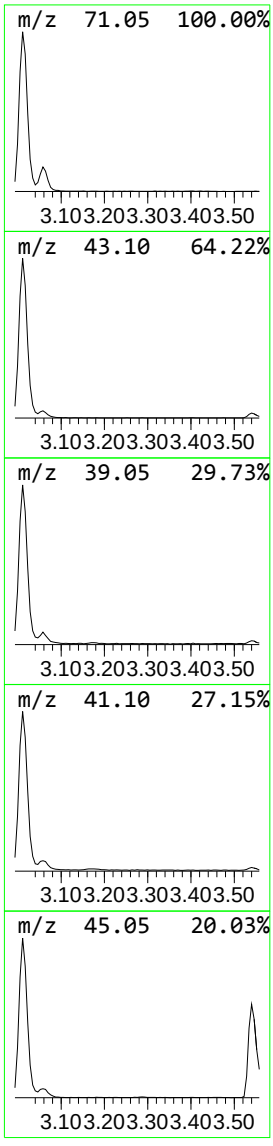
****

Peak Number 1 3-Penten-2-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.058	2.00 ng/ul	117698	1,4-Dichlorobenzene-d4	7.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	62
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	58
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50
4	3-Penten-2-ol	86	C5H10O	001569-50-2	50
5	2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

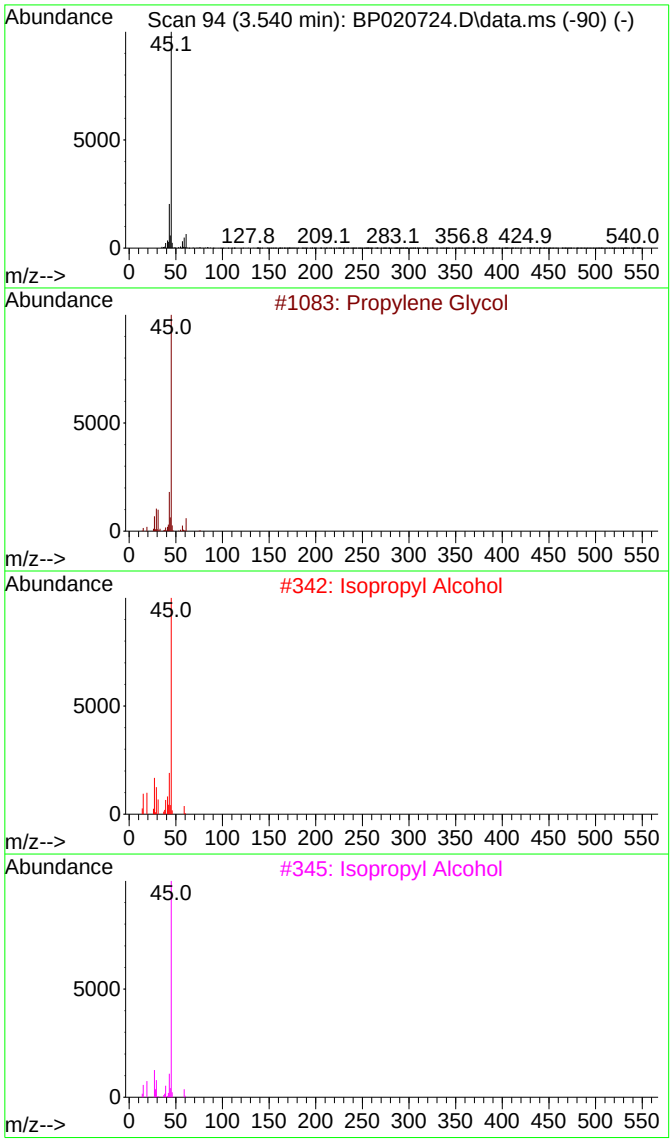
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

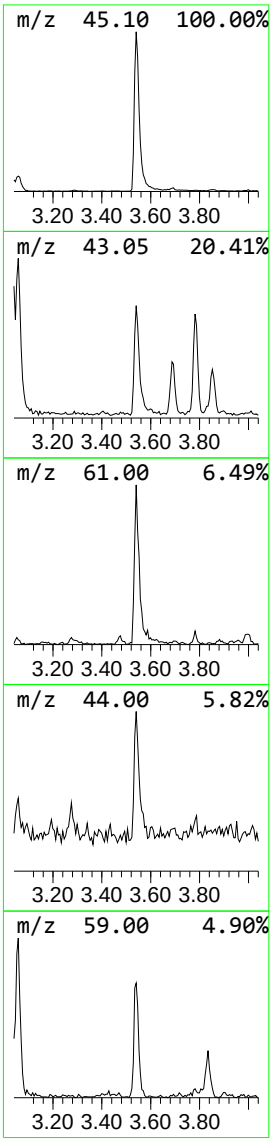
****

Peak Number 2 Propylene Glycol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.540	2.33 ng/ul	136855	1,4-Dichlorobenzene-d4	7.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

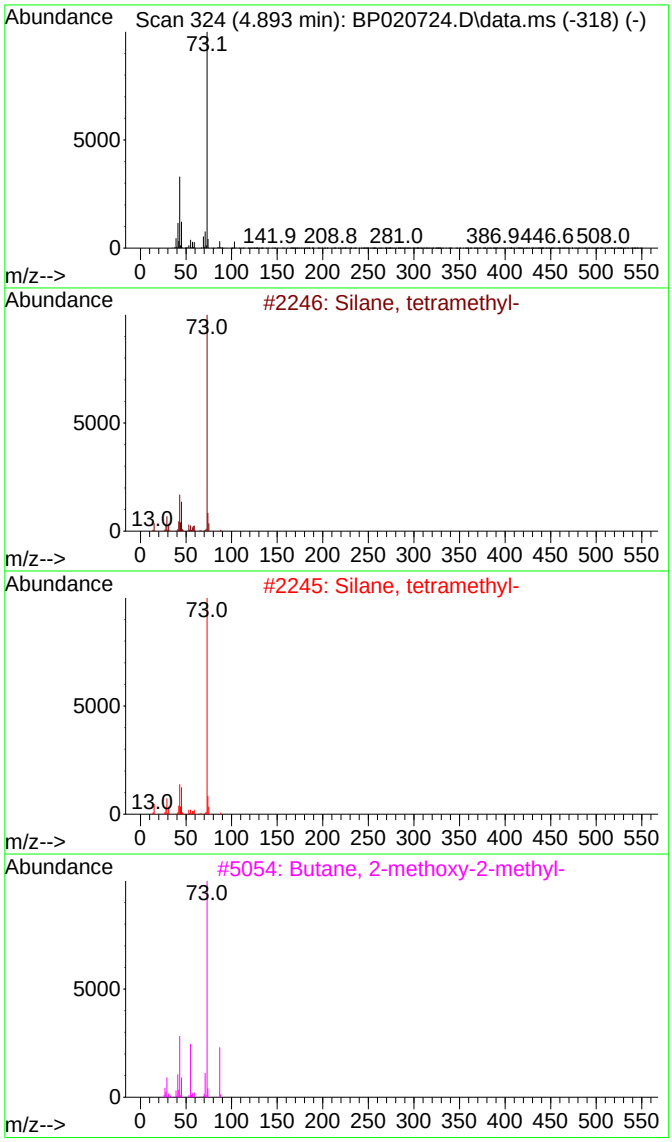
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

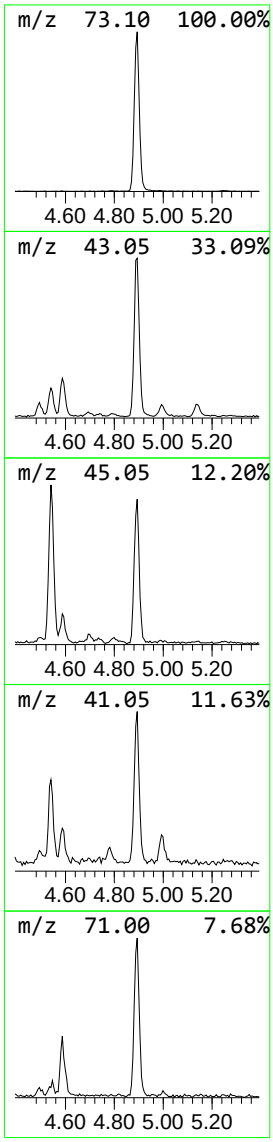
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Silane, tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	4.90 ng/ul	288407	1,4-Dichlorobenzene-d4	7.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	50
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	40
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

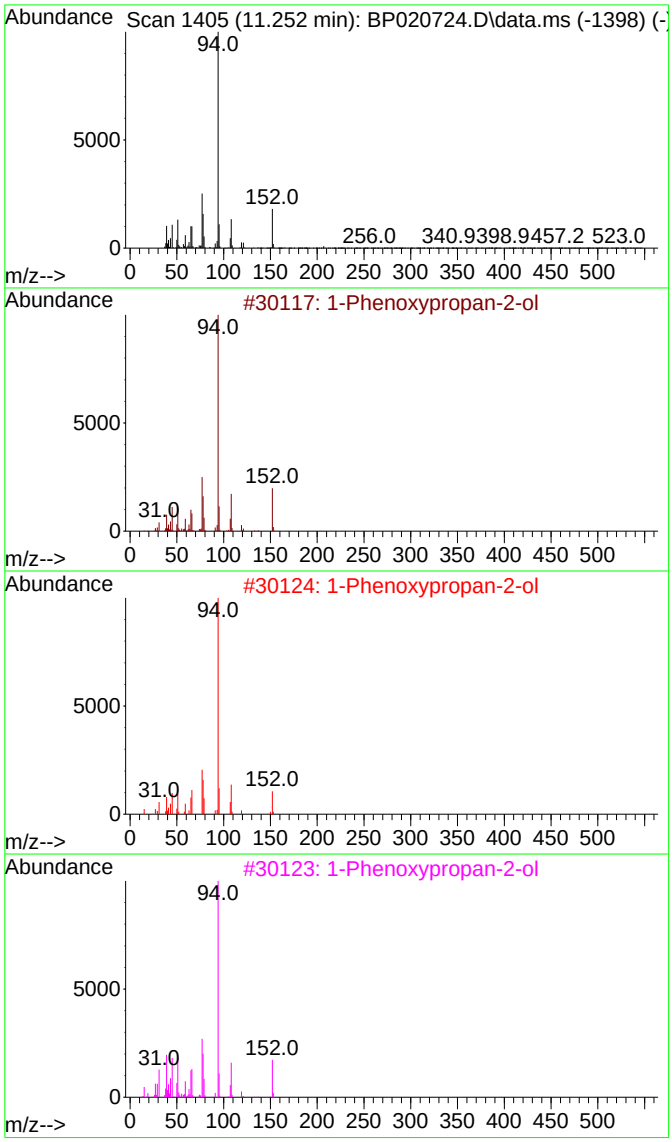
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

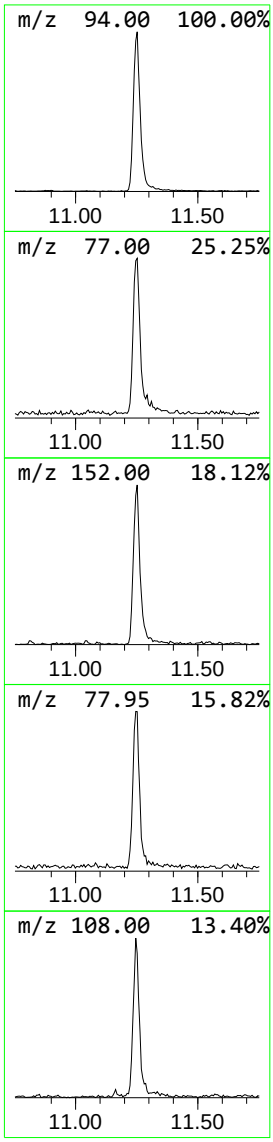
****

Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.252	3.34 ng/ul	271893	Naphthalene-d8	10.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

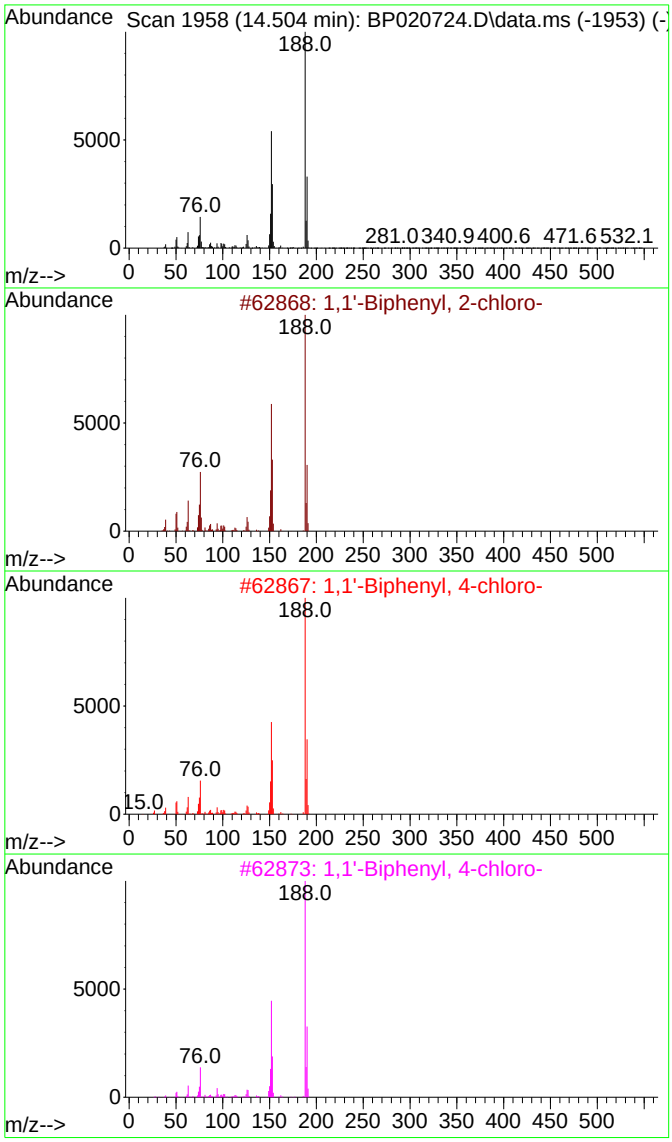
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

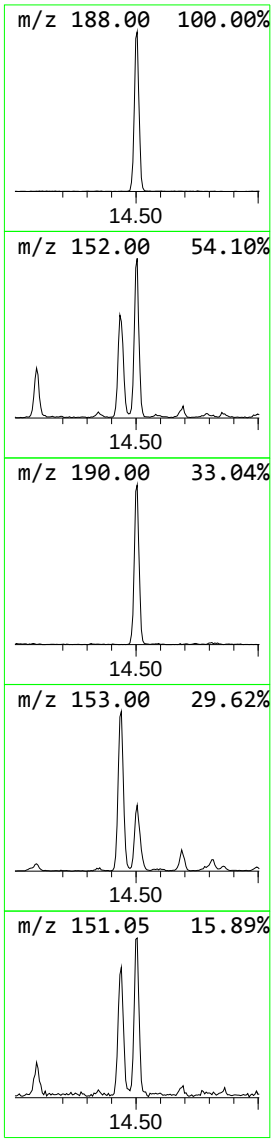
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	3.03 ng/ul	314972	Acenaphthene-d10	14.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	96
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
3	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
4	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	94
5	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	94





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Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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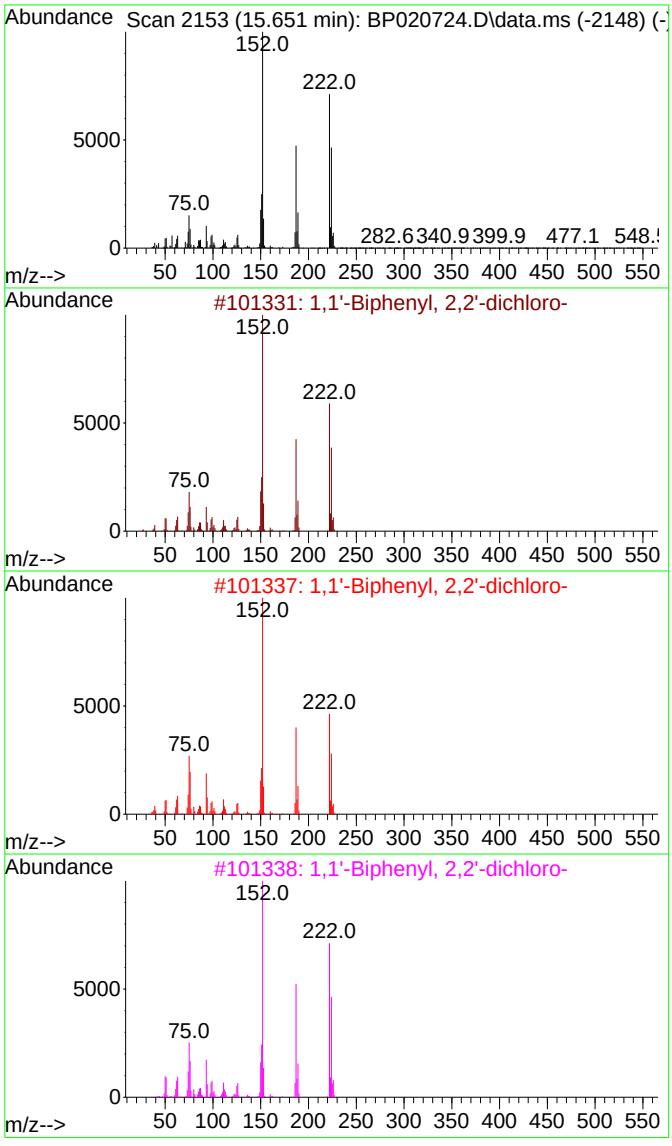
Quant Title : SVOA CALIBRATION

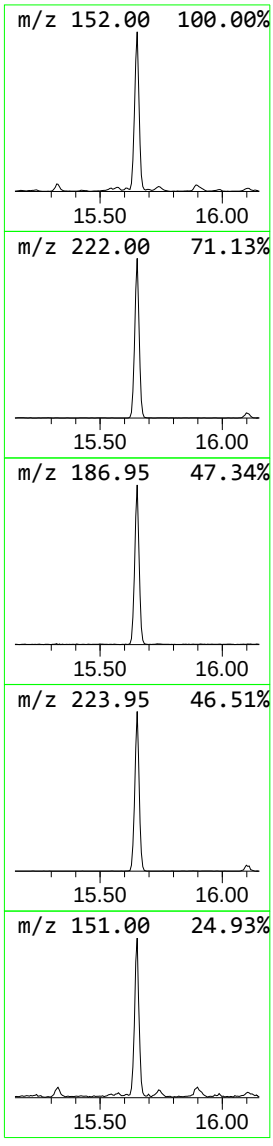
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	9.30 ng/ul	967387	Acenaphthene-d10	14.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	95





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Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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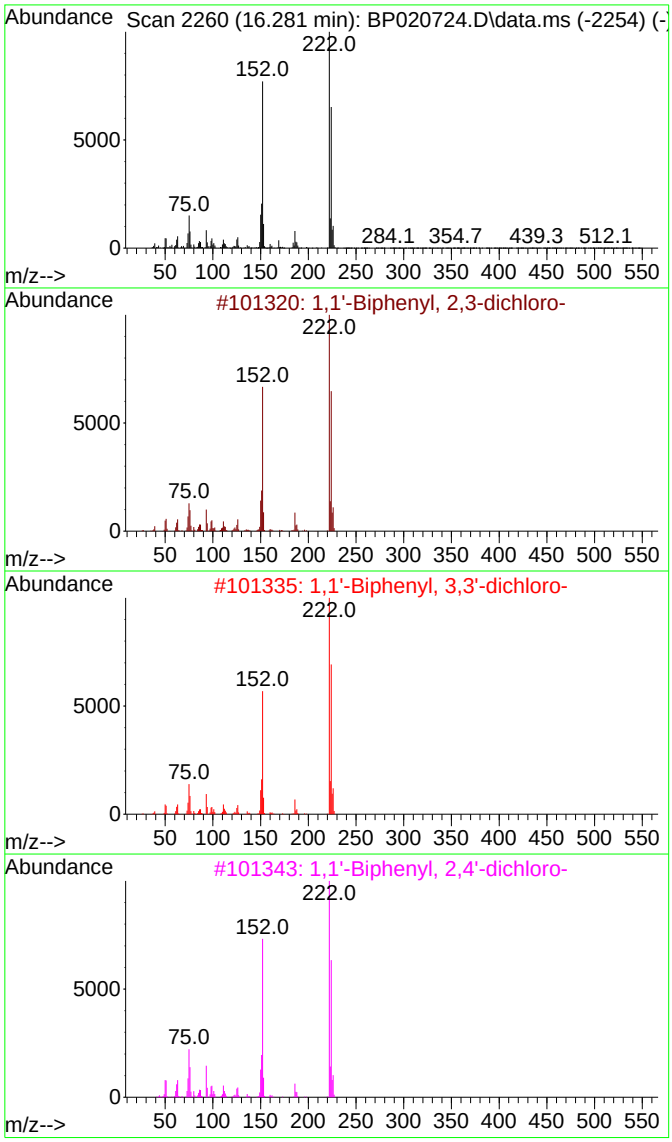
Quant Title : SVOA CALIBRATION

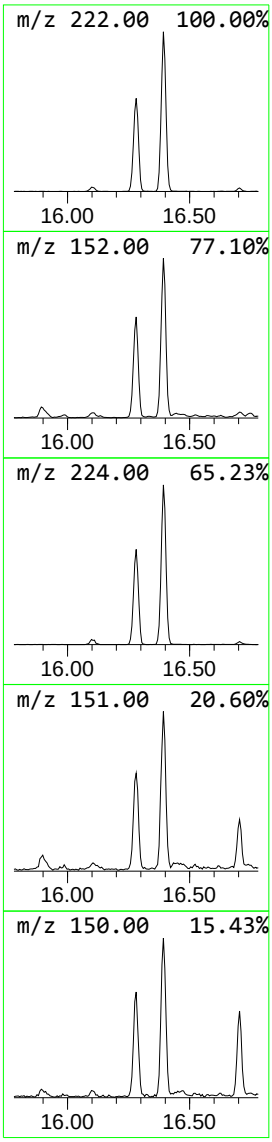
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	4.41 ng/ul	454103	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
4	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	98
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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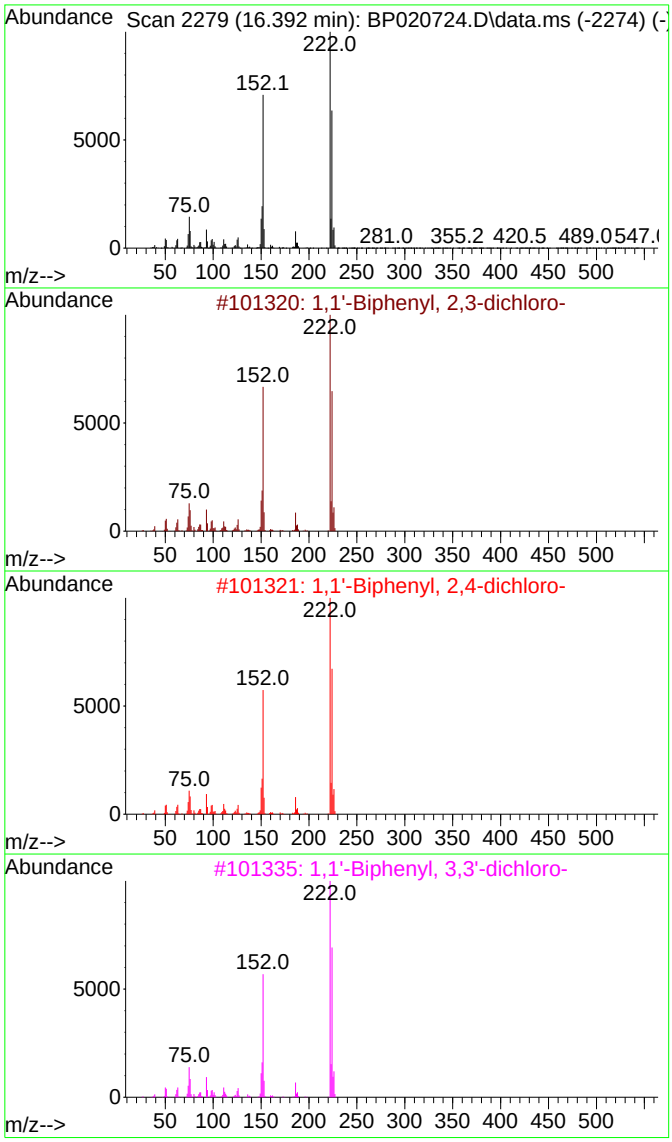
Quant Title : SVOA CALIBRATION

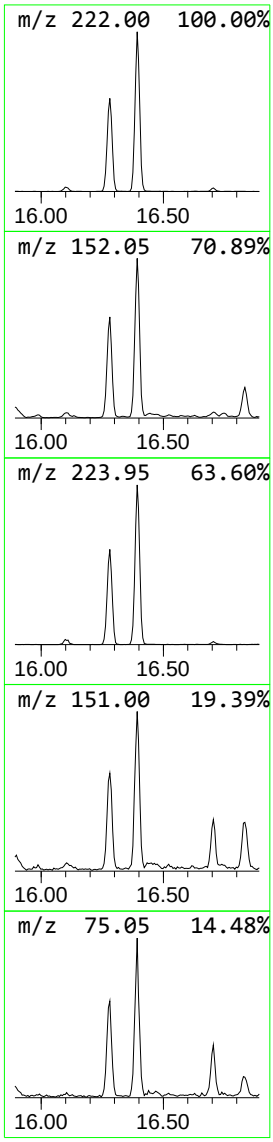
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.392	6.22 ng/ul	640610	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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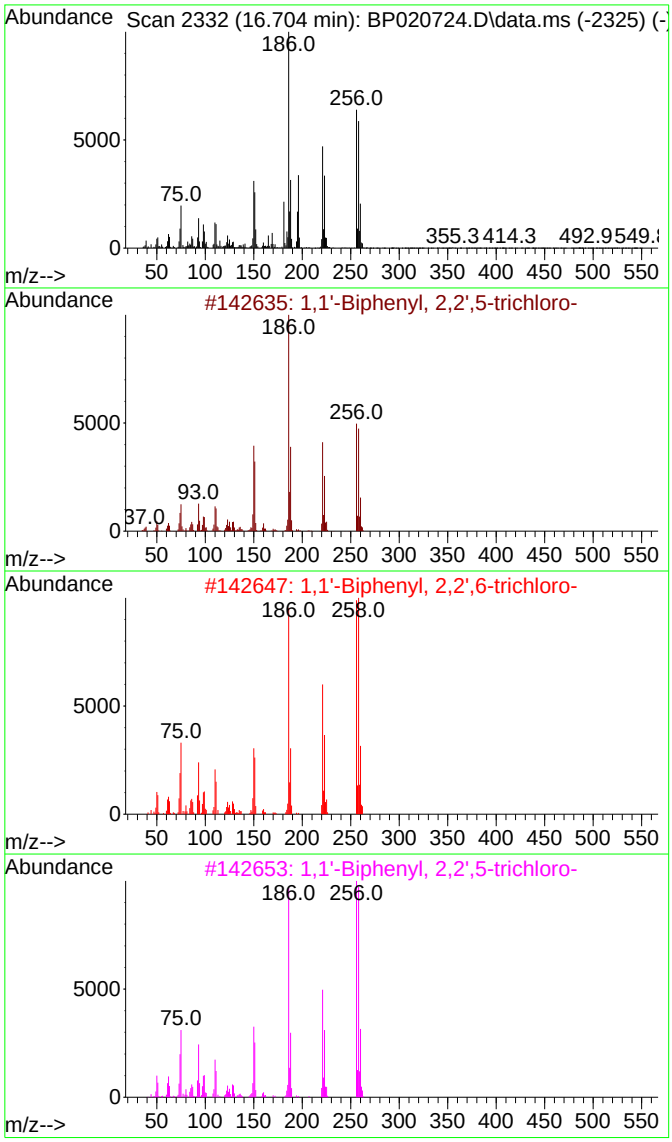
Quant Title : SVOA CALIBRATION

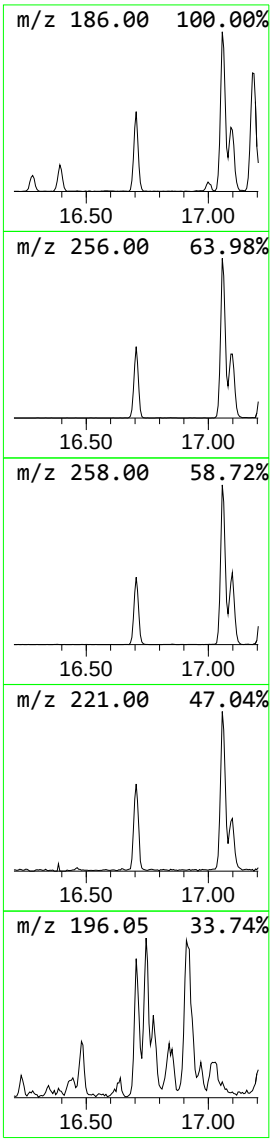
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.704	3.07 ng/ul	316656	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION

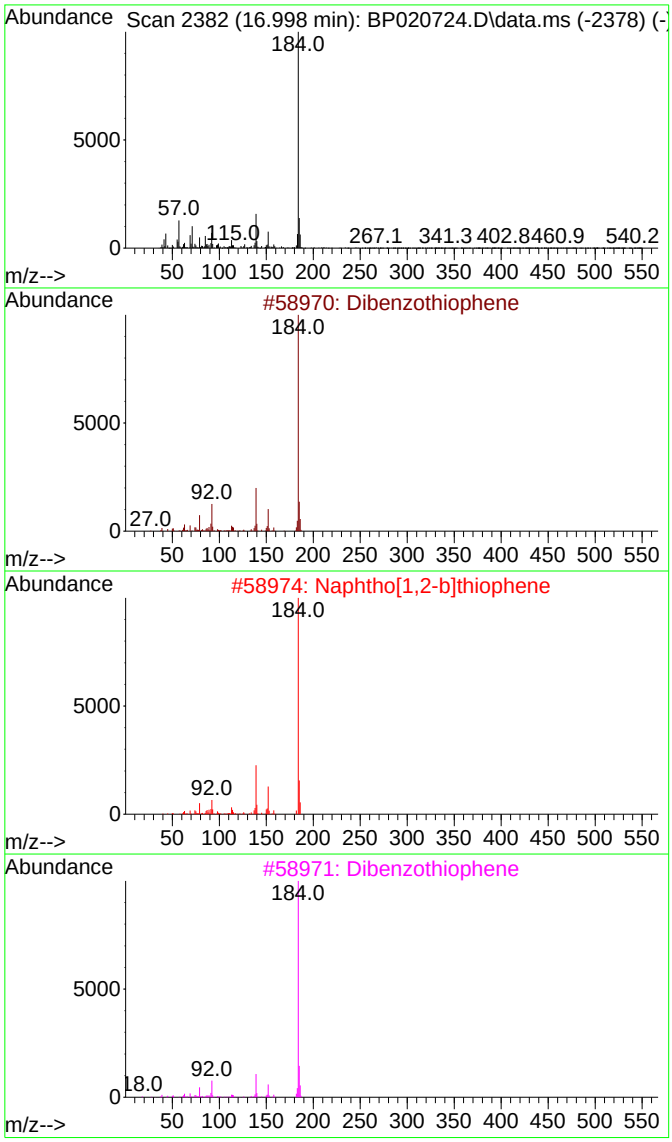
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

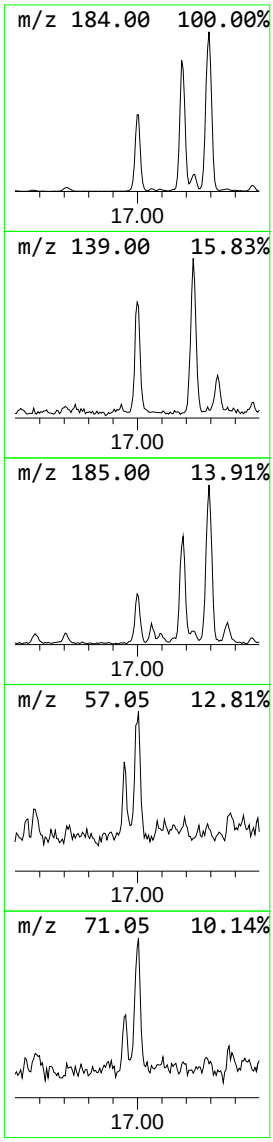
****

Peak Number 10 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.998	2.11 ng/ul	216993	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93





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Sample : P2871-23
Misc :
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ClientSampleId :
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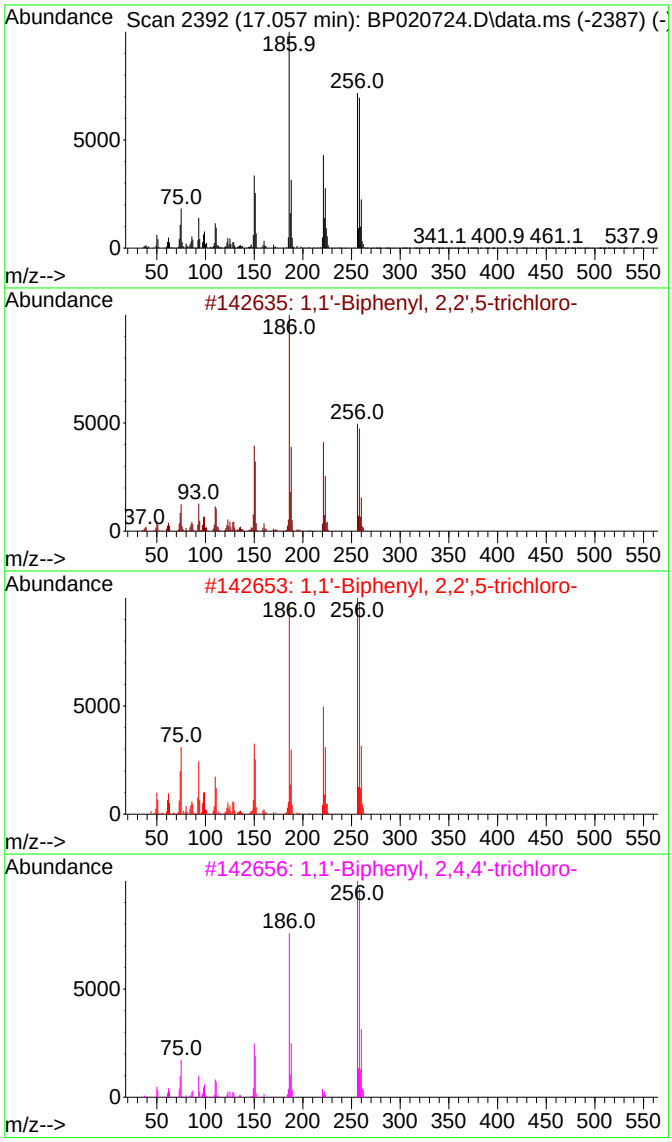
Quant Title : SVOA CALIBRATION

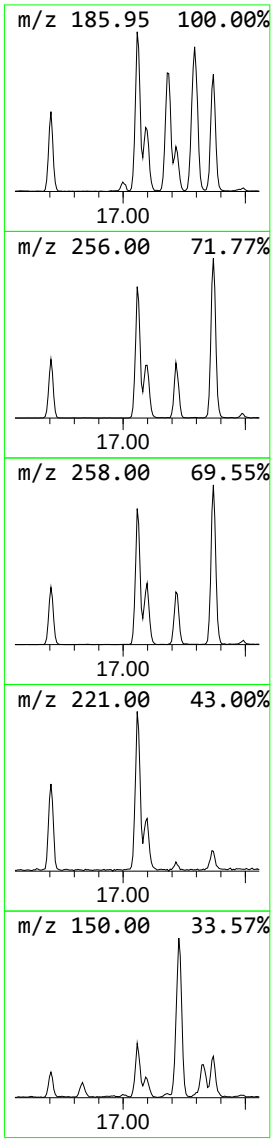
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.057	5.11 ng/ul	526309	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98





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Sample : P2871-23
Misc :
ALS Vial : 13 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 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	5.13 ng/ul	528823	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98
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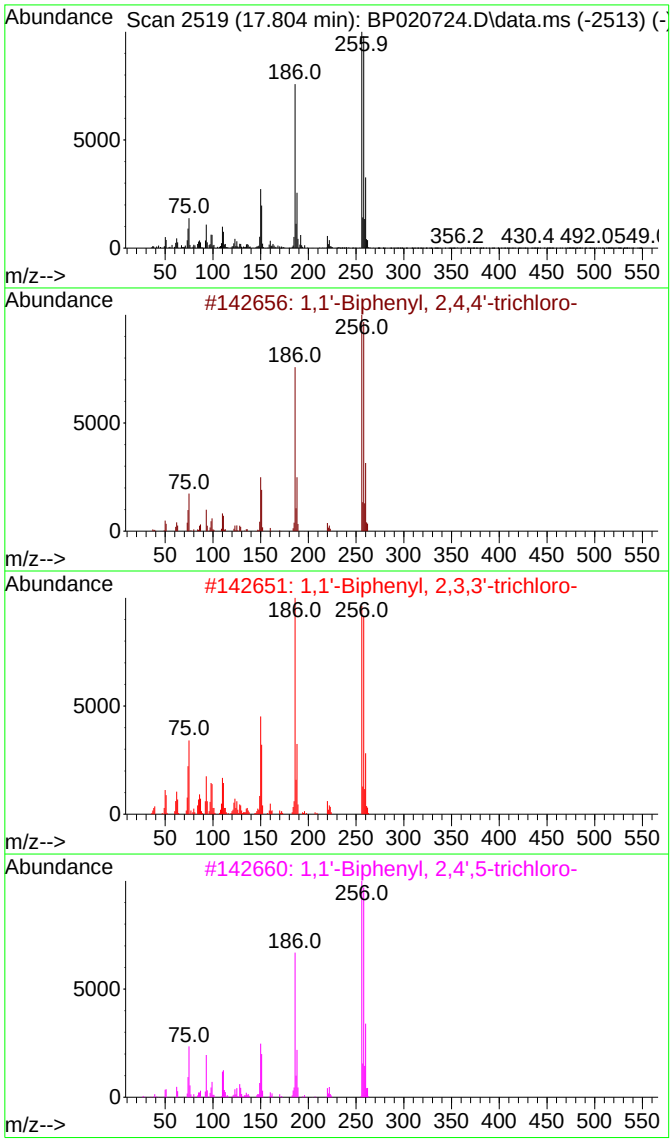

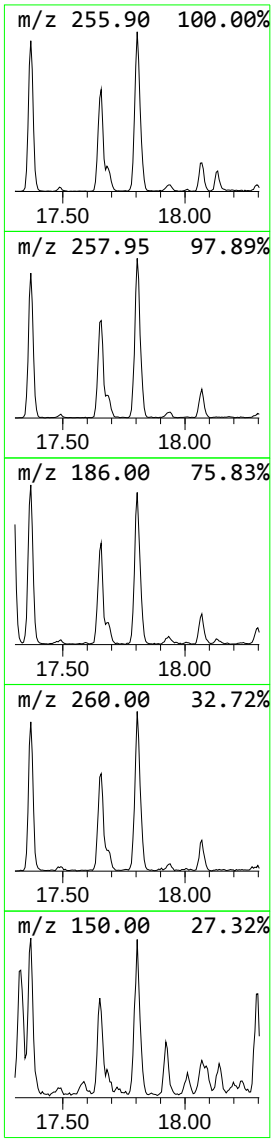

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Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

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 13 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	4.14 ng/ul	426286	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
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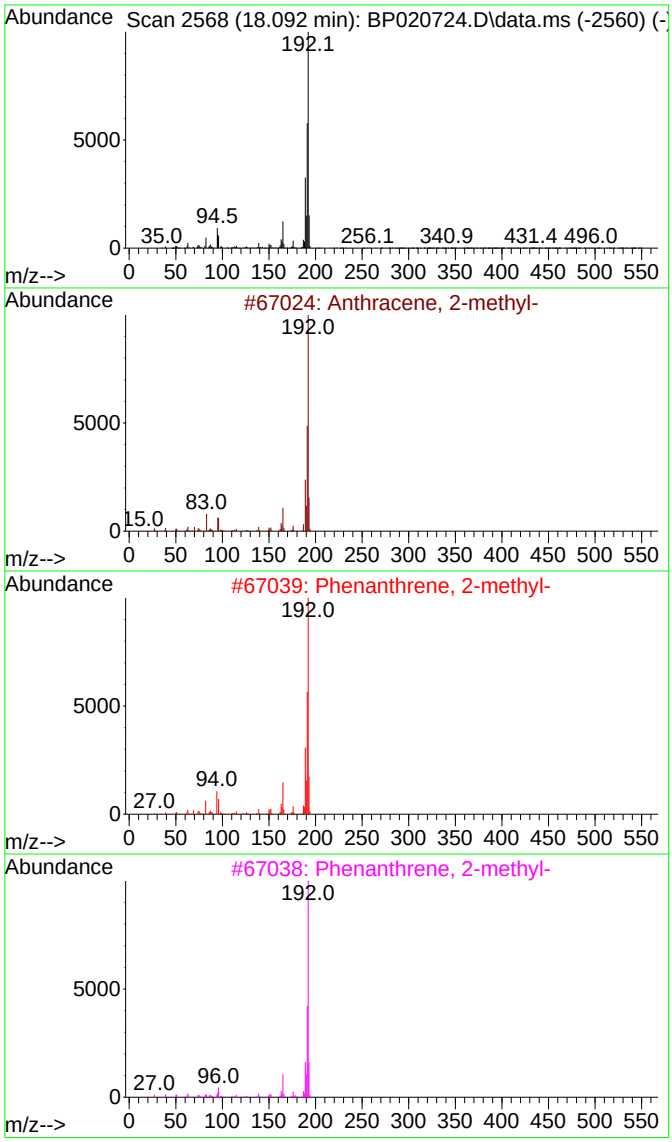
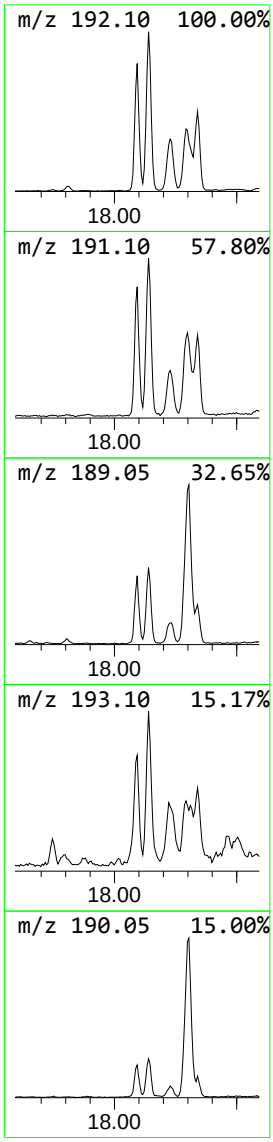
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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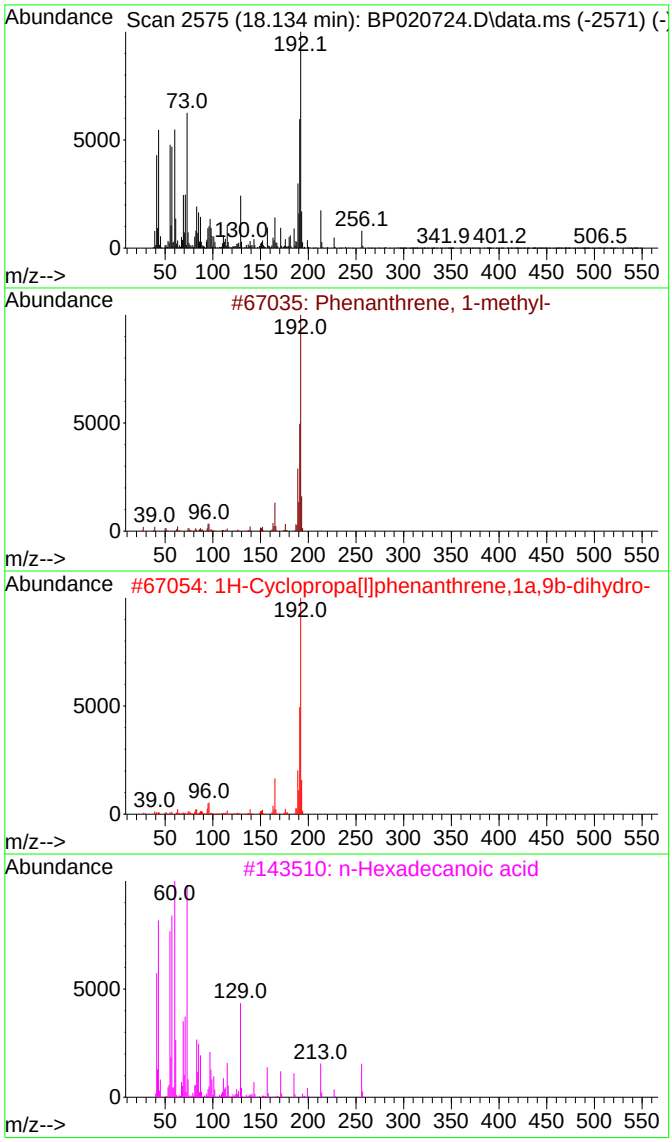
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

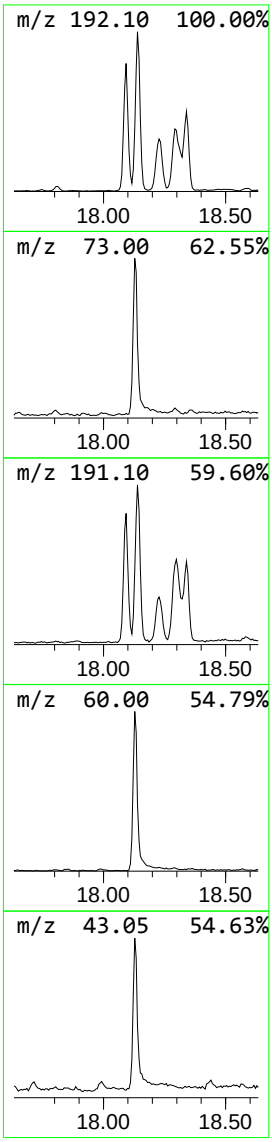
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	11.22 ng/ul	1156370	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

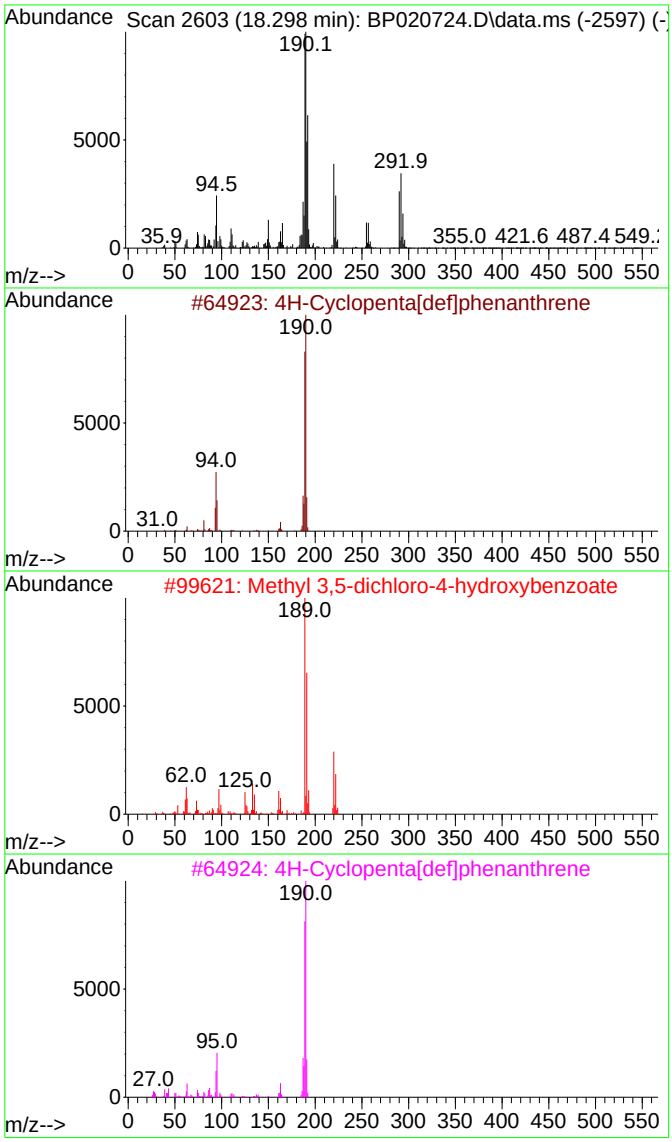
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

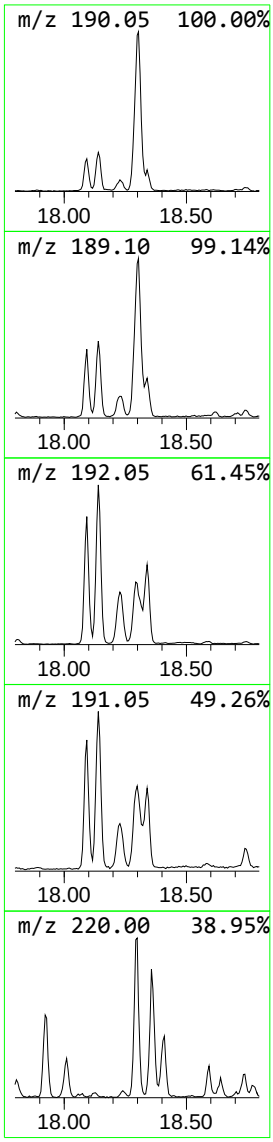
****

Peak Number 15 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	7.90 ng/ul	814309	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
2	Methyl 3,5-dichloro-4-hydroxyben...	220	C8H6Cl2O3	003337-59-5	45
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	35





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Quant Title : SVOA CALIBRATION

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

****
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	2.08 ng/ul	213814	Phenanthrene-d10	17.181

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	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
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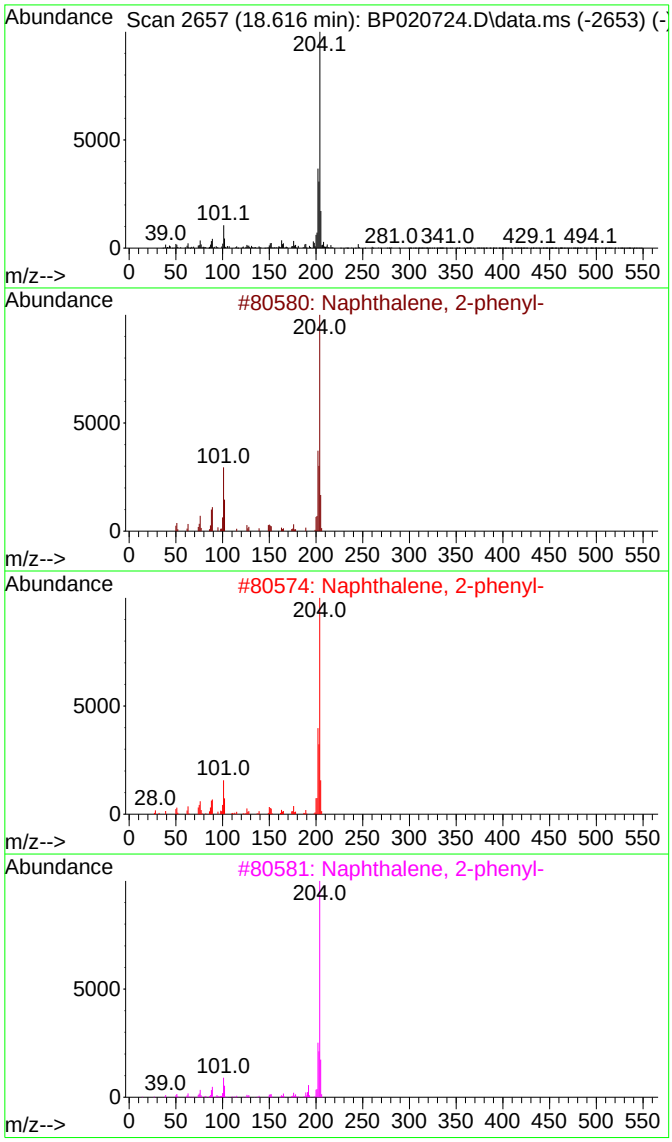
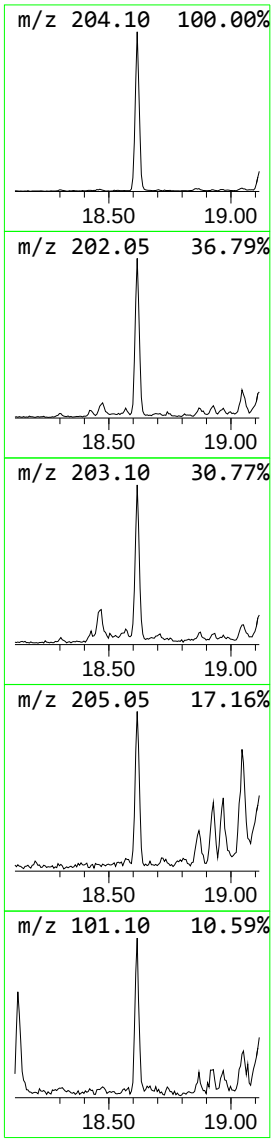
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

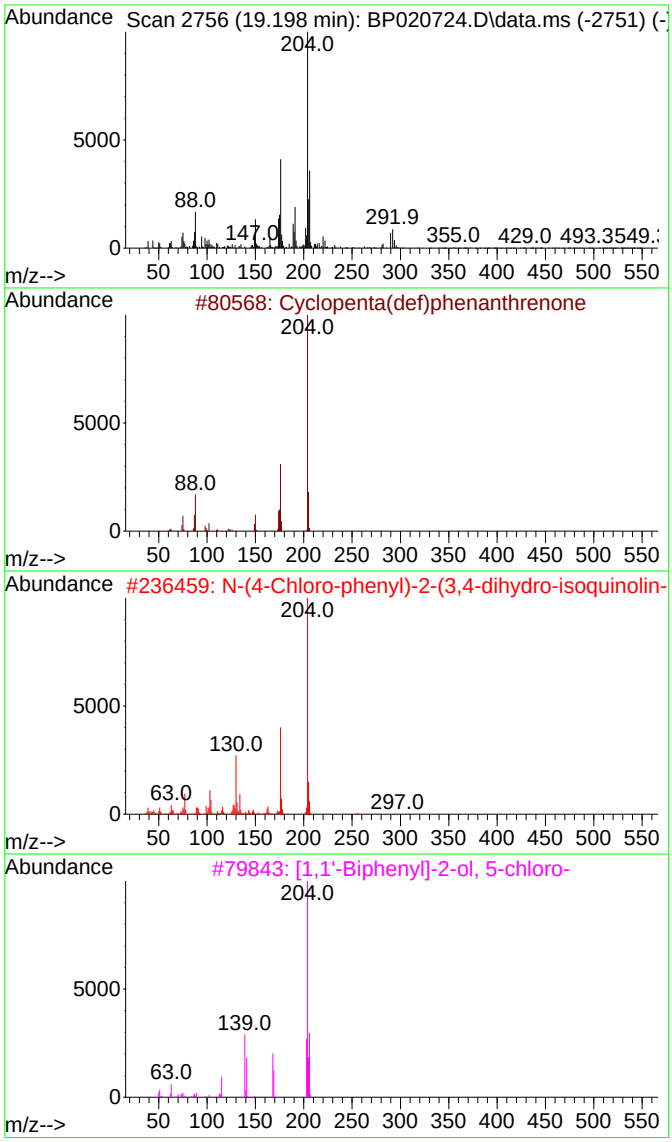
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

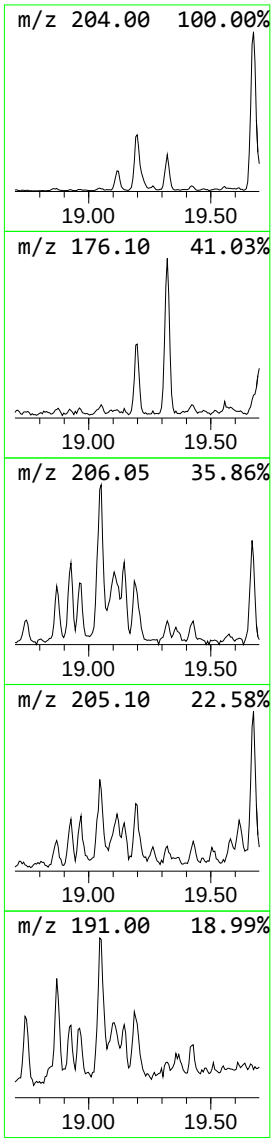
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	2.04 ng/ul	210608	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	53
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4	[1,1'-Biphenyl-3-ol], 6-chloro-	204	C12H9ClO	021345-13-1	46
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

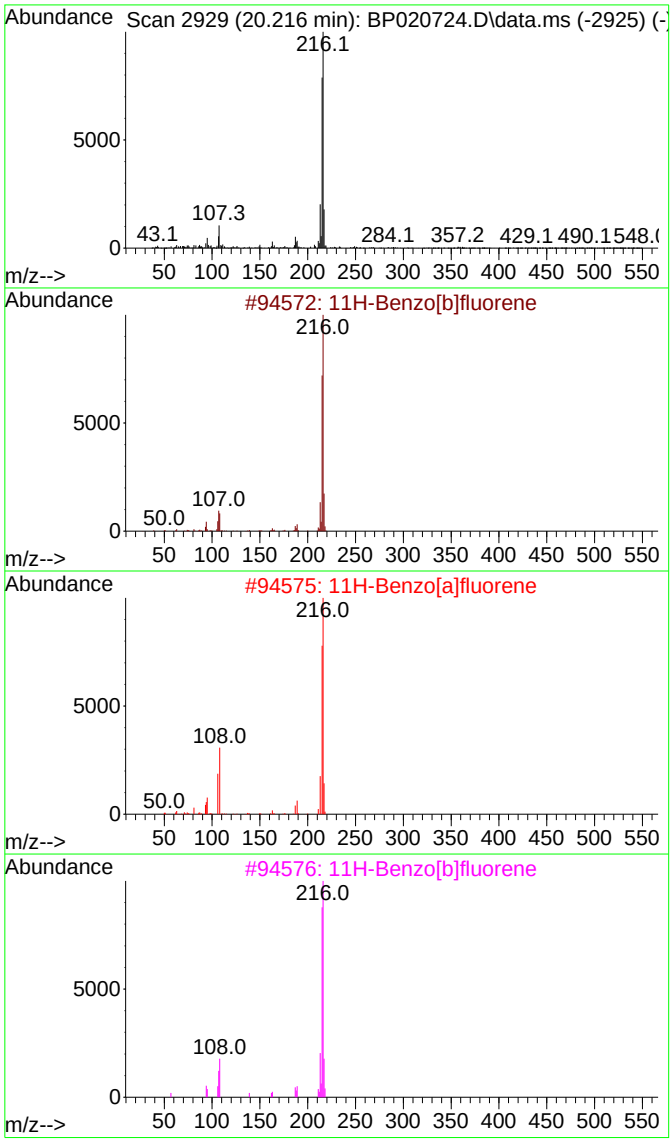
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

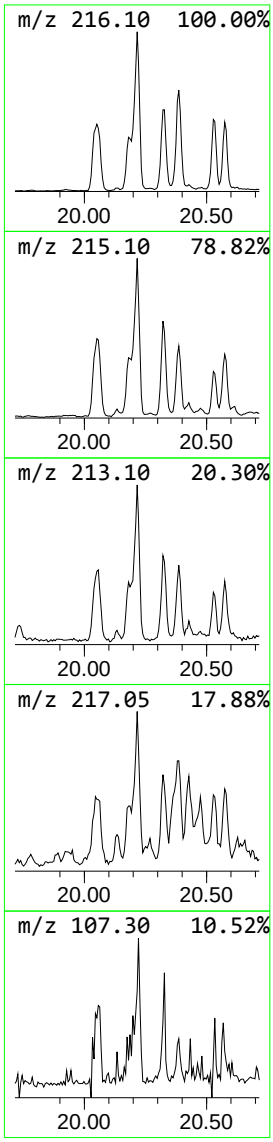
****

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	2.02 ng/ul	351221	Chrysene-d12	21.645

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

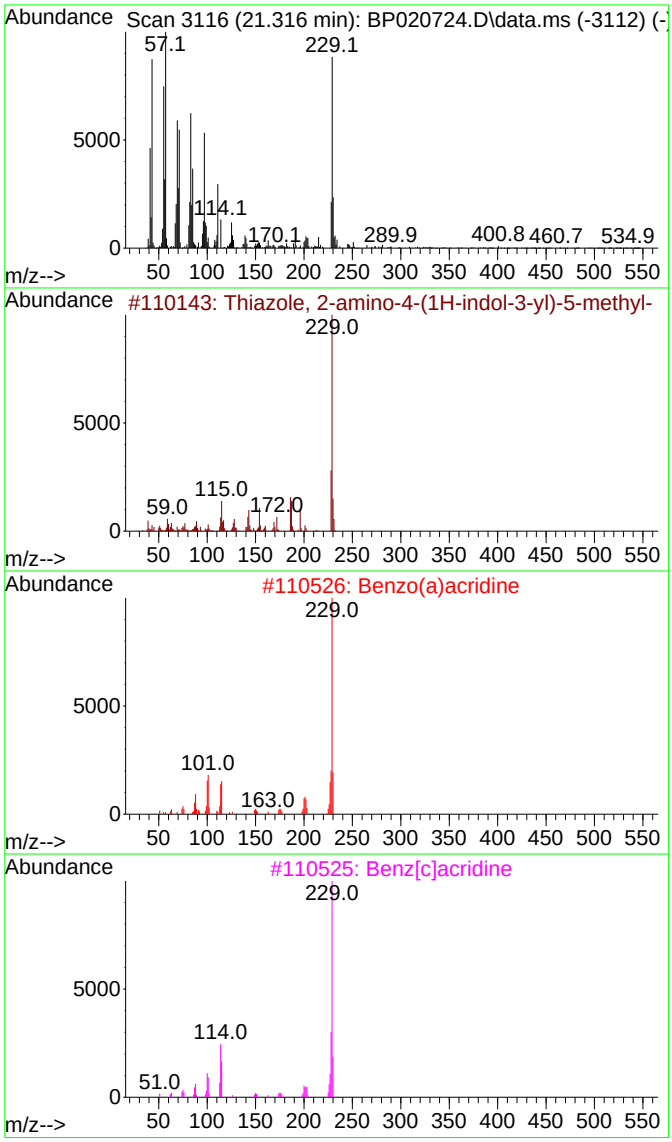
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

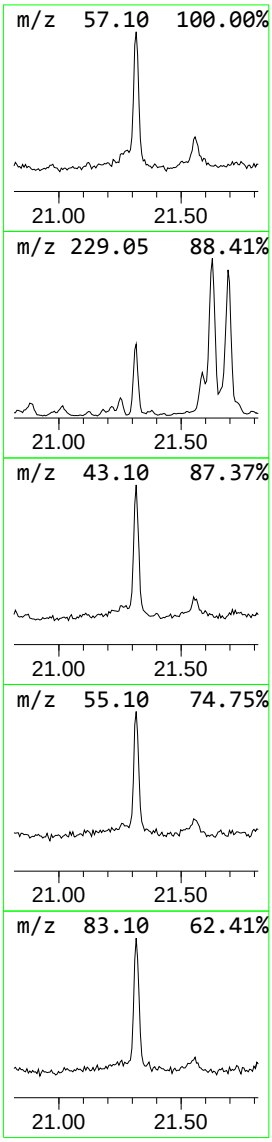
****

Peak Number 19 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.316	3.13 ng/ul	544862	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 2-amino-4-(1H-indol-3-...	229	C12H11N3S	1000304-18-3	25
2	Benzo(a)acridine	229	C17H11N	000225-11-6	22
3	Benz[c]acridine	229	C17H11N	000225-51-4	22
4	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	22
5	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	16





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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
3-Penten-2-ol	3.058	2.0	ng/ul	117698	1	7.734	1176320	20.0
Propylene Glycol	3.540	2.3	ng/ul	136855	1	7.734	1176320	20.0
Silane, tetrame...	4.893	4.9	ng/ul	288407	1	7.734	1176320	20.0
1-Phenoxypropan...	11.252	3.3	ng/ul	271893	2	10.510	1628000	20.0
1,1'-Biphenyl, ...	14.504	3.0	ng/ul	314972	3	14.375	2081110	20.0
1,1'-Biphenyl, ...	15.651	9.3	ng/ul	967387	3	14.375	2081110	20.0
1,1'-Biphenyl, ...	16.281	4.4	ng/ul	454103	4	17.181	2060830	20.0
1,1'-Biphenyl, ...	16.392	6.2	ng/ul	640610	4	17.181	2060830	20.0
1,1'-Biphenyl, ...	16.704	3.1	ng/ul	316656	4	17.181	2060830	20.0
Dibenzothiophene	16.998	2.1	ng/ul	216993	4	17.181	2060830	20.0
1,1'-Biphenyl, ...	17.057	5.1	ng/ul	526309	4	17.181	2060830	20.0
1,1'-Biphenyl, ...	17.804	5.1	ng/ul	528823	4	17.181	2060830	20.0
Anthracene, 2-m...	18.092	4.1	ng/ul	426286	4	17.181	2060830	20.0
Phenanthrene, 1...	18.134	11.2	ng/ul	1156370	4	17.181	2060830	20.0
unknown-01	18.298	7.9	ng/ul	814309	4	17.181	2060830	20.0
Naphthalene, 2-...	18.616	2.1	ng/ul	213814	4	17.181	2060830	20.0
Cyclopenta(def)...	19.198	2.0	ng/ul	210608	4	17.181	2060830	20.0
11H-Benzo[b]flu...	20.216	2.0	ng/ul	351221	5	21.645	3480900	20.0
unknown-02	21.316	3.1	ng/ul	544862	5	21.645	3480900	20.0