LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

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: BP020230.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.899	134	138	144	rVB2	7499	11082	0.24%	0.015%
2	6.811	623	633	651	rBV2	241447	594709	12.94%	0.802%
3	6.958	652	658	666	rVV	56575	102877	2.24%	0.139%
4	7.046	666	673	683	rVV	458344	703103	15.30%	0.948%
5	7.134	683	688	691	rVV	77072	139236	3.03%	0.188%
6	7.163	691	693	711	rVB	102496	178287	3.88%	0.240%
7	7.481	739	747	760	rBV	603972	939269	20.44%	1.266%
8	7.599	760	767	770	rVV	391547	684603	14.90%	0.923%
9	7.634	770	773	785	rVB	407883	678338	14.76%	0.915%
10	8.322	883	890	899	rBV	82256	167579	3.65%	0.226%
11	8.405	899	904	922	rVB	323694	550260	11.98%	0.742%
12	8.769	960	966	969	rBV	77666	134486	2.93%	0.181%
13	8.810	969	973	990	rVB	109077	210601	4.58%	0.284%
14	9.110	1018	1024	1028	rBV9	3034	5907	0.13%	0.008%
15	9.510	1078	1092	1110	rBV2	258279	627405	13.65%	0.846%
16	9.810	1136	1143	1161	rBV	526596	908338	19.77%	1.225%
17	10.040	1172	1182	1206	rBV2	469754	1230334	26.78%	1.659%
18	10.381	1232	1240	1244	rBV	597311	1026429	22.34%	1.384%
19	10.434	1244	1249	1260	rVB	1019898	1812398	39.45%	2.443%
20	10.557	1264	1270	1281	rBV3	45413	110632	2.41%	0.149%
21	10.957	1332	1338	1342	rBV8	3345	5265	0.11%	0.007%
22	11.004	1342	1346	1350	rVB5	3509	5228	0.11%	0.007%
23	11.175	1369	1375	1385	rBV4	6293	20404	0.44%	0.028%
24	11.699	1457	1464	1487	rBV	762411	1519313	33.07%	2.048%
25	12.522	1598	1604	1612	rBV2	6261	13639	0.30%	0.018%
26	12.704	1626	1635	1642	rBV	788622	1382161	30.08%	1.863%
27	12.781	1642	1648	1672	rVB	692469	1406818	30.62%	1.897%
28	13.104	1696	1703	1708	rBV	2727	6076	0.13%	0.008%
29	13.169	1708	1714	1723	rVB2	16182	31984	0.70%	0.043%
30	13.257	1723	1729	1731	rBV6	3410	6577	0.14%	0.009%
31	13.346	1739	1744	1749	rVB4	7364	13586	0.30%	0.018%
32	13.540	1770	1777	1781	rBV10	2181	4842	0.11%	0.007%
33	13.716	1801	1807	1817	rBV	227012	351768	7.66%	0.474%
34	13.898	1829	1838	1846	rBV	660904	1071366	23.32%	1.444%
35	14.022	1846	1859	1874	rVB2	1366008	2682777	58.39%	3.617%
36	14.298	1898	1906	1911	rBV	967917	1492315	32.48%	2.012%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

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	14.363	1911	1917	1926	rVV	1178014	1985444	43.21%	2.677%
38	14.440	1926	1930	1937	rVB2	15383	22769	0.50%	0.031%
39	14.540	1937	1947	1950	rBV3	380886	995640	21.67%	1.342%
40	14.575	1950	1953	1966	rVV	477942	1175017	25.57%	1.584%
41	14.710	1970	1976	1994	rVB	879640	1508911	32.84%	2.034%
42	14.957	2015	2018	2024	rVB3	14268	18916	0.41%	0.026%
43	15.175	2047	2055	2071	rVB	1534243	2334234	50.80%	3.147%
44	15.322	2073	2080	2085	rBV	329566	520761	11.33%	0.702%
45	15.387	2085	2091	2102	rVV	2879058	4003059	87.12%	5.397%
46	15.487	2102	2108	2119	rVB2	65150	125452	2.73%	0.169%
47	15.640	2129	2134	2141	rVB2	13732	23245	0.51%	0.031%
48	15.892	2172	2177	2179	rBV6	3175	4651	0.10%	0.006%
49	15.940	2179	2185	2190	rVV4	11571	22496	0.49%	0.030%
50	15.992	2190	2194	2199	rVB6	4876	8777	0.19%	0.012%
51	16.098	2205	2212	2220	rVB9	10771	26363	0.57%	0.036%
52	16.287	2238	2244	2250	rVB4	11139	17268	0.38%	0.023%
53	16.681	2310	2311	2318	rVB7	3064	4766	0.10%	0.006%
54	16.775	2320	2327	2343	rBV	974465	1823799	39.69%	2.459%
55	17.069	2372	2377	2379	rBV6	4321	6922	0.15%	0.009%
56	17.139	2382	2389	2400	rVV	1257820	1922333	41.84%	2.592%
57	17.245	2401	2407	2409	rVV2	358769	552870	12.03%	0.745%
58	17.281	2409	2413	2429	rVB	2268734	3496627	76.10%	4.714%
59	17.434	2436	2439	2443	rBV3	4030	5258	0.11%	0.007%
60	17.598	2461	2467	2476	rBV4	14864	37266	0.81%	0.050%
61	17.675	2477	2480	2483	rVV5	3407	4797	0.10%	0.006%
62	17.722	2486	2488	2493	rBV6	3739	5785	0.13%	0.008%
63	17.781	2495	2498	2506	rVV6	13791	31501	0.69%	0.042%
64	17.875	2509	2514	2520	rVV2	47170	67829	1.48%	0.091%
65	17.939	2523	2525	2529	rVV5	5034	5812	0.13%	0.008%
66	17.992	2531	2534	2539	rVB7	4652	7534	0.16%	0.010%
67	18.104	2547	2553	2558	rBV	84007	149448	3.25%	0.201%
68	18.175	2559	2565	2574	rVB	863348	1328224	28.91%	1.791%
69	18.510	2616	2622	2627	rBV10	12755	31895	0.69%	0.043%
70	18.563	2629	2631	2635	rVB4	9716	13060	0.28%	0.018%
71	18.651	2640	2646	2662	rVB	119300	218419	4.75%	0.294%
72	19.075	2715	2718	2719	rBV3	10817	11174	0.24%	0.015%
73	19.104	2719	2723	2726	rVB3	39380	48380	1.05%	0.065%
74	19.239	2743	2746	2749	rBV4	20791	31845	0.69%	0.043%
75	19.298	2749	2756	2762	rVV	2223652	3169427	68.98%	4.273%
76	19.375	2767	2769	2776	rVV6	40731	67589	1.47%	0.091%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43Y4DL

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	19.451	2778	2782	2787	rBV2	61563	82376	1.79%	0.111%
78	19.557	2796	2800	2804	rVB	52866	70406	1.53%	0.095%
79	19.645	2809	2815	2816	rVV	522689	581661	12.66%	0.784%
80	19.680	2816	2821	2829	rVB	2506202	4137456	90.05%	5.578%
81	20.416	2943	2946	2949	rBV	34429	34669	0.75%	0.047%
82	20.663	2982	2988	2992	rBV	3018113	3853227	83.86%	5.195%
83	21.339	3099	3103	3112	rVB4	83459	167519	3.65%	0.226%
84	21.504	3127	3131	3137	rVB3	69888	103549	2.25%	0.140%
85	21.580	3138	3144	3148	rVV	2925179	3867976	84.18%	5.215%
86	21.633	3148	3153	3159	rVV3	1628353	4103955	89.32%	5.533%
87	21.698	3159	3164	3177	rVB	2755928	4594737	100.00%	6.195%
88	24.027	3552	3560	3573	rVB	696896	1752802	38.15%	2.363%
89	24.780	3682	3688	3695	rBV3	169128	463562	10.09%	0.625%
90	24.868	3696	3703	3712	rVB	268234	779583	16.97%	1.051%
91	25.021	3720	3729	3743	rVB	577245	1651316	35.94%	2.226%
92	28.851	4368	4380	4382	rBV	490432	1262490	27.48%	1.702%

Sum of corrected areas: 74172839

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
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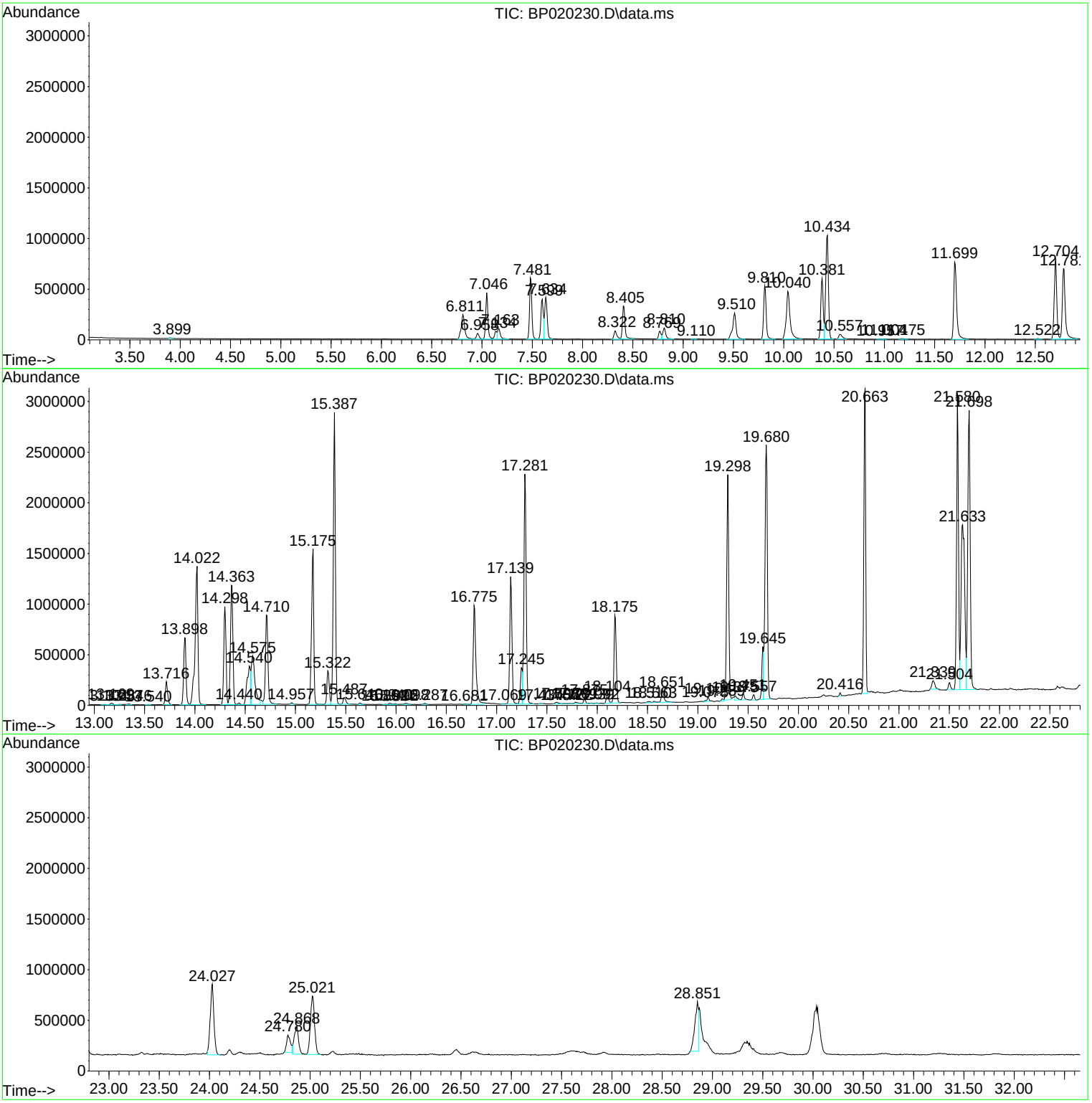
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

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\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

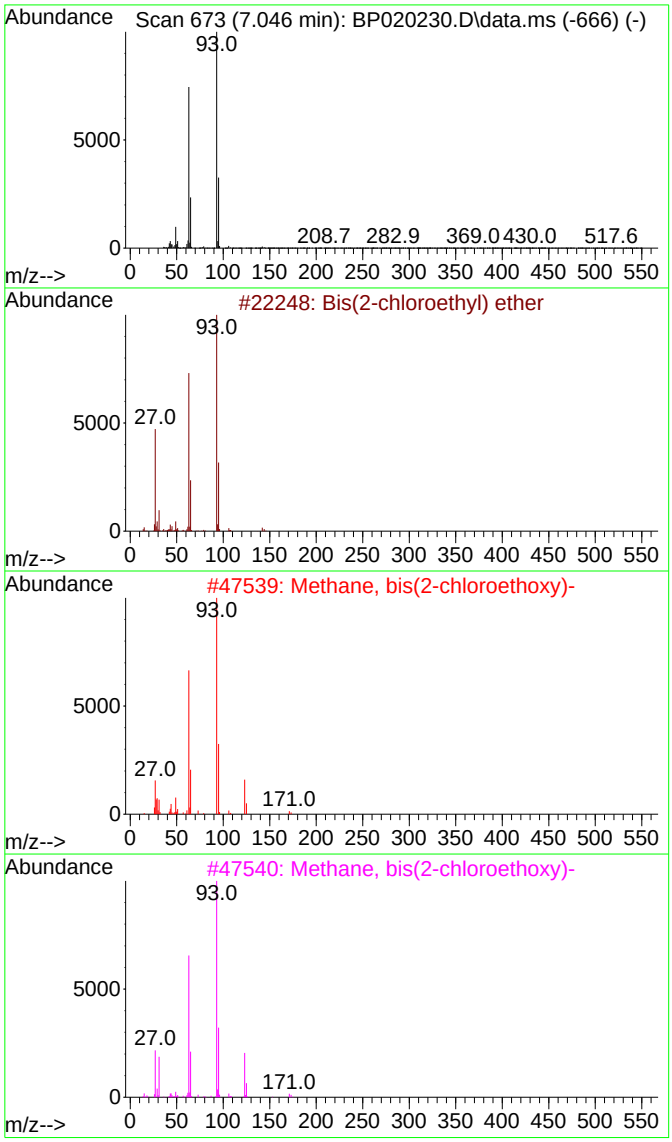
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

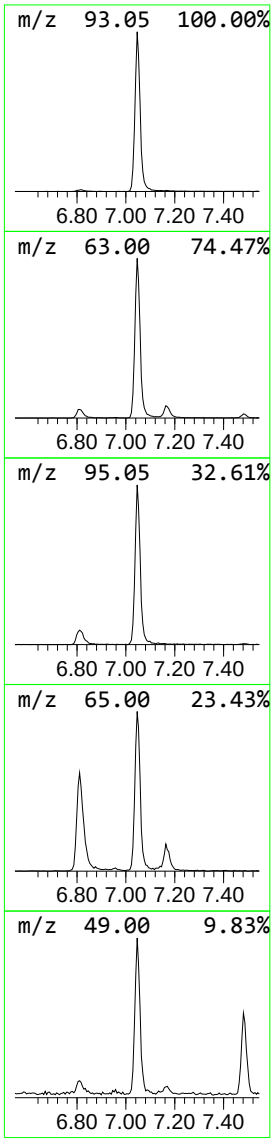
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bis(2-chloroethyl) ether Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.046	20.54 ng/ul	703103	1,4-Dichlorobenzene-d4	7.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	83
2	Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	83
3	Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	83
4	2-Chloropropionyl chloride	126	C3H4Cl2O	007623-09-8	45
5	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

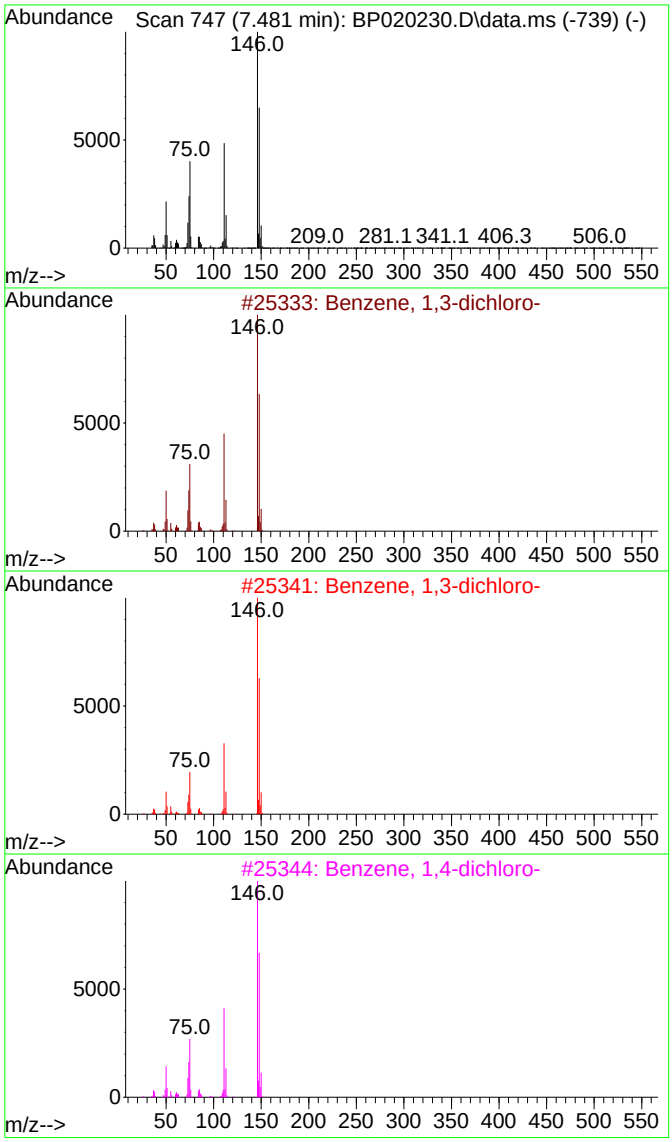
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

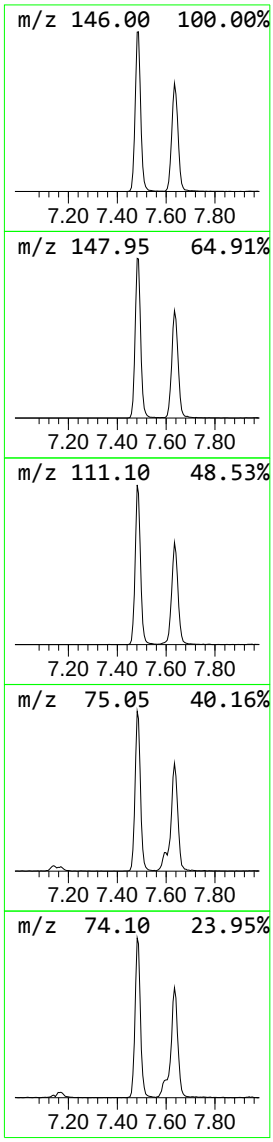
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.481	27.44 ng/ul	939269	1,4-Dichlorobenzene-d4	7.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

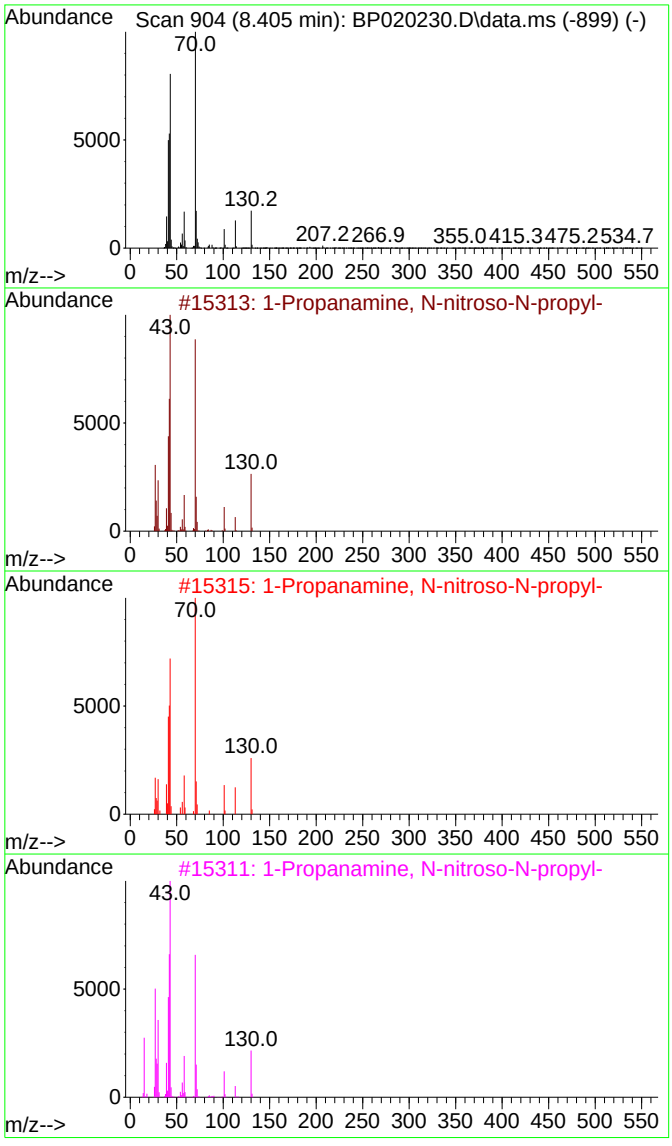
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

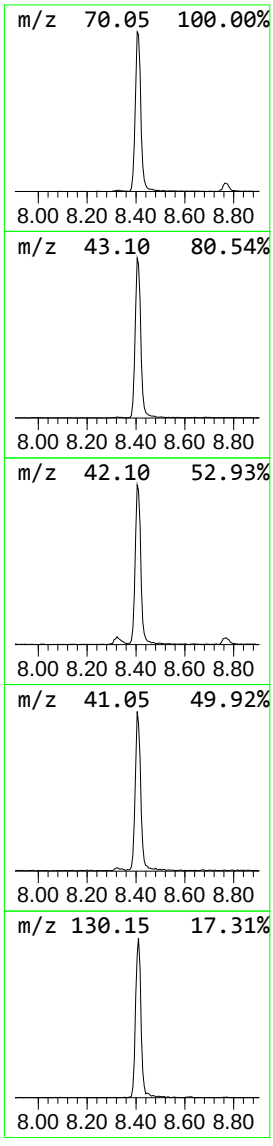
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Propanamine, N-nitroso-N-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.405	16.08 ng/ul	550260	1,4-Dichlorobenzene-d4	7.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine, N-nitroso-N-propyl-	130	C6H14N2O	000621-64-7	91
2	1-Propanamine, N-nitroso-N-propyl-	130	C6H14N2O	000621-64-7	87
3	1-Propanamine, N-nitroso-N-propyl-	130	C6H14N2O	000621-64-7	68
4	Oxazolidine, 2,2-dimethyl-	101	C5H11NO	020515-62-2	53
5	1-Propanamine, N-nitroso-N-propyl-	130	C6H14N2O	000621-64-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
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Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

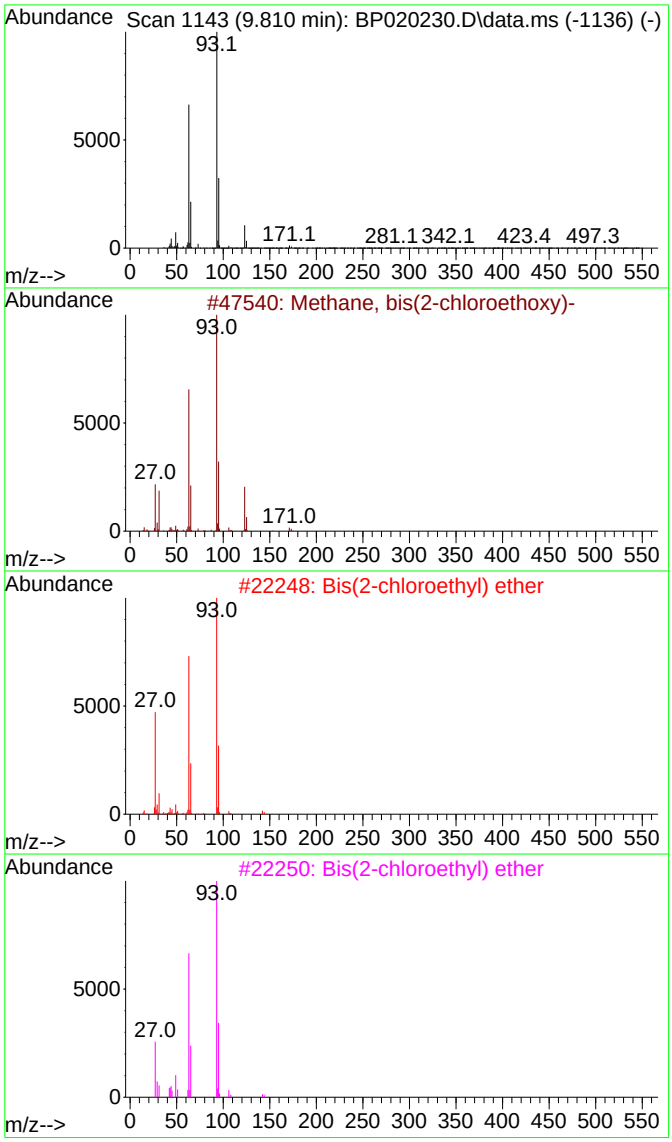
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

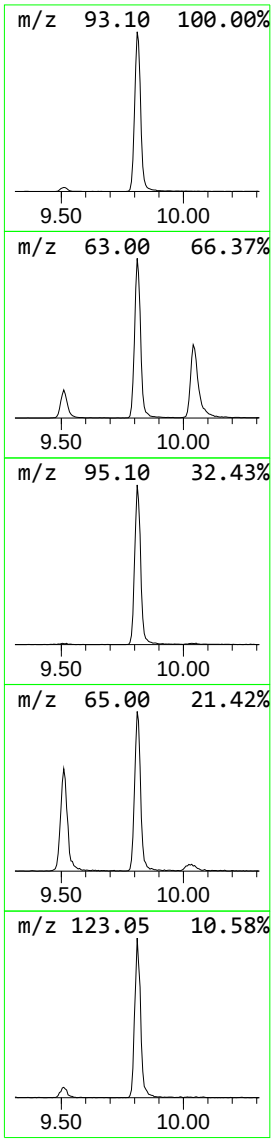
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Methane, bis(2-chloroethoxy)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	17.70 ng/ul	908338	Naphthalene-d8	10.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	83
2	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	83
3	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	78
4	Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	64
5	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

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

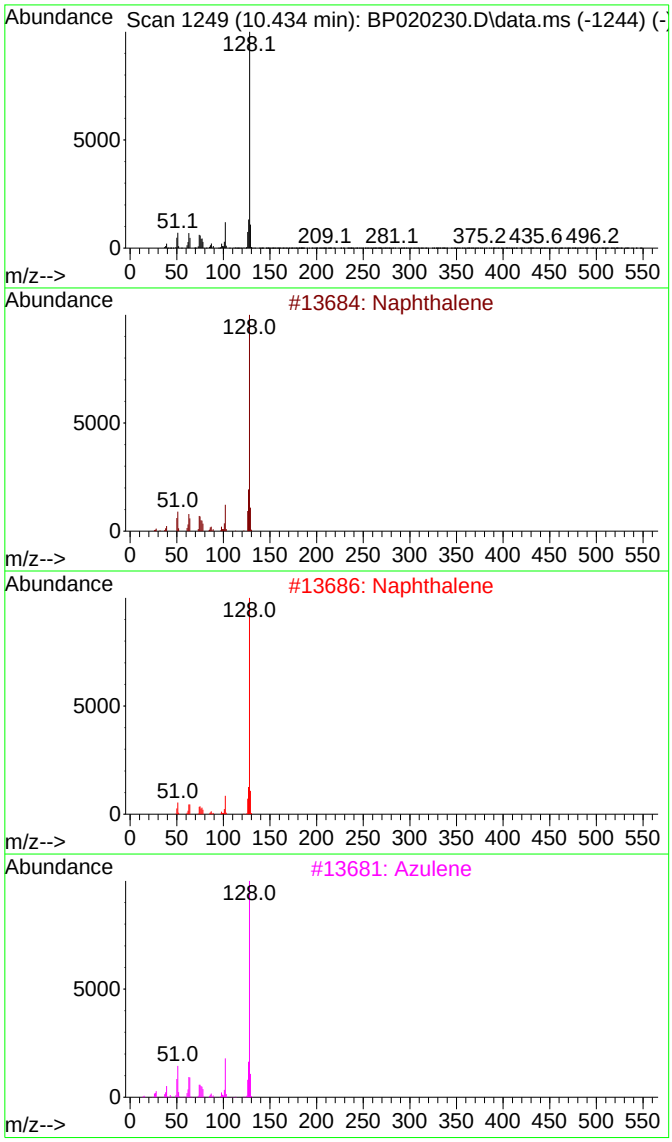
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

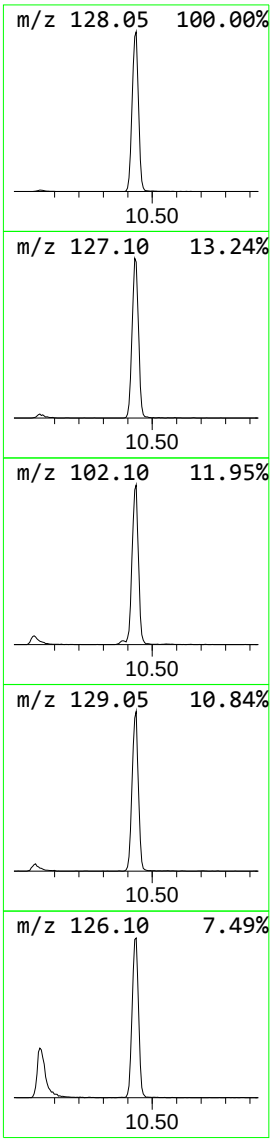
****

Peak Number 5 Naph thalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.434	35.31 ng/ul	1812400	Naphthalene-d8	10.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

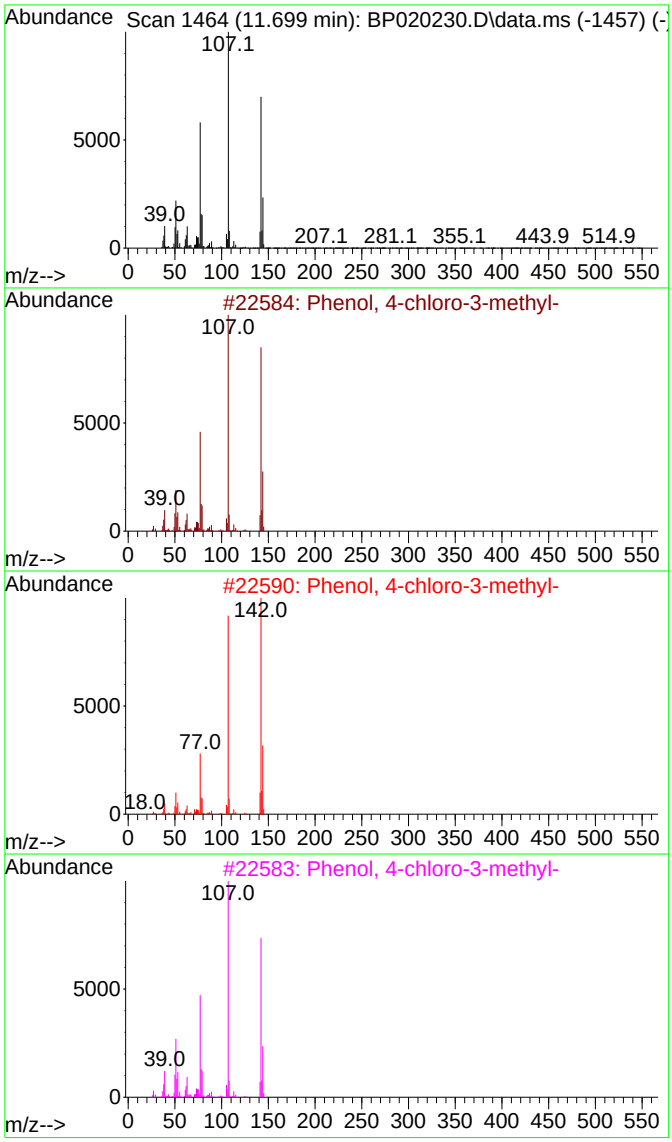
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

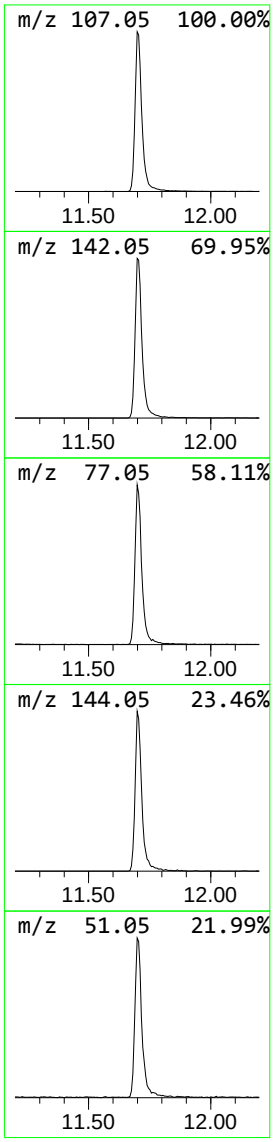
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, 4-chloro-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.699	29.60 ng/ul	1519310	Naphthalene-d8	10.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-chloro-3-methyl-	142	C7H7ClO	000059-50-7	97
2	Phenol, 4-chloro-3-methyl-	142	C7H7ClO	000059-50-7	95
3	Phenol, 4-chloro-3-methyl-	142	C7H7ClO	000059-50-7	95
4	Phenol, 4-chloro-3-methyl-	142	C7H7ClO	000059-50-7	94
5	Phenol, 4-chloro-2-methyl-	142	C7H7ClO	001570-64-5	94





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Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

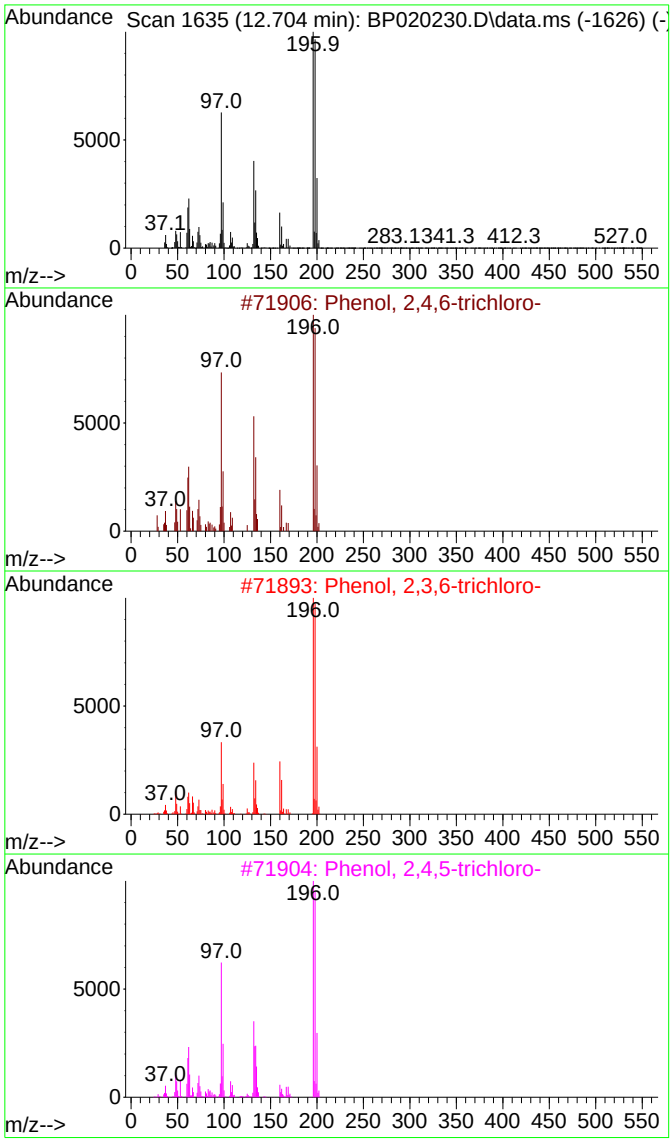
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

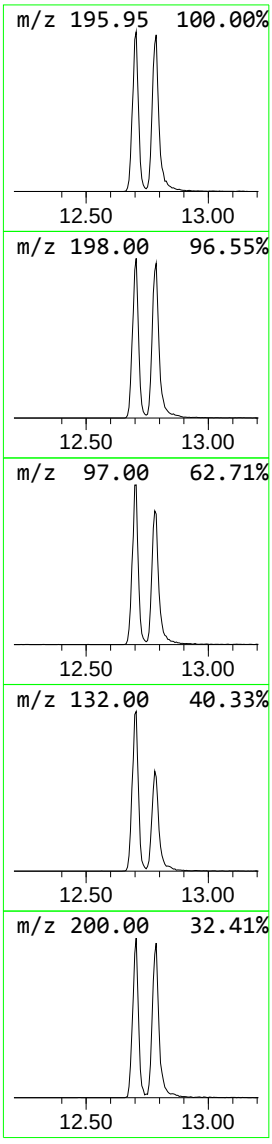
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 2,4,6-trichloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	18.52 ng/ul	1382160	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	99
2	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	95
3	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	94
4	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	94
5	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	94





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Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
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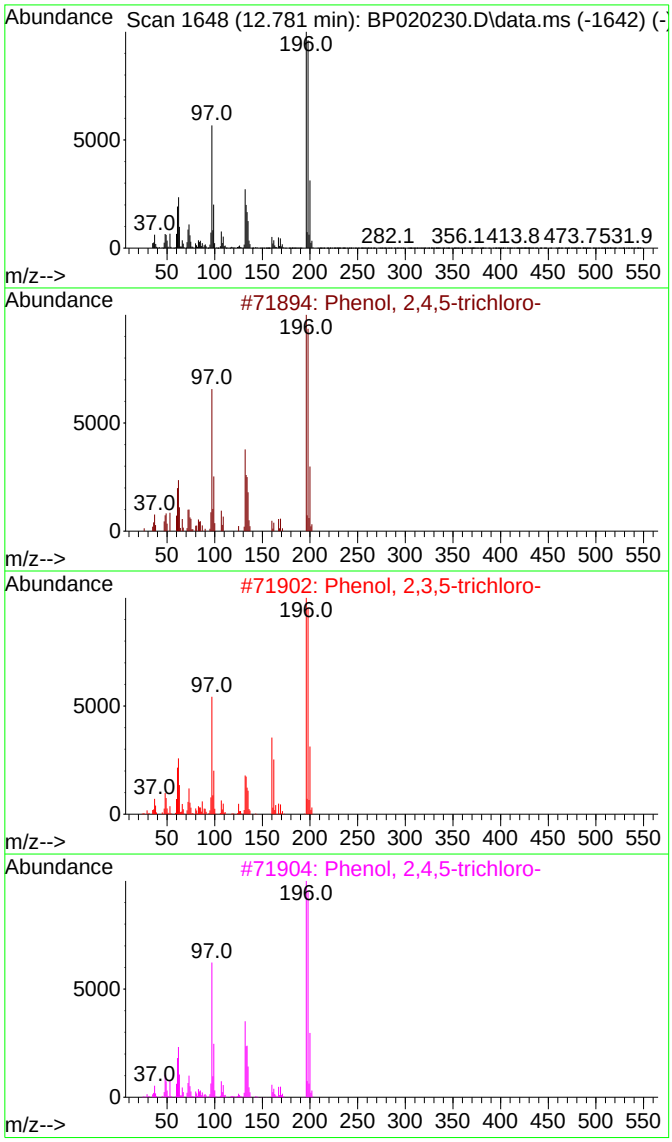
Quant Title : SVOA CALIBRATION

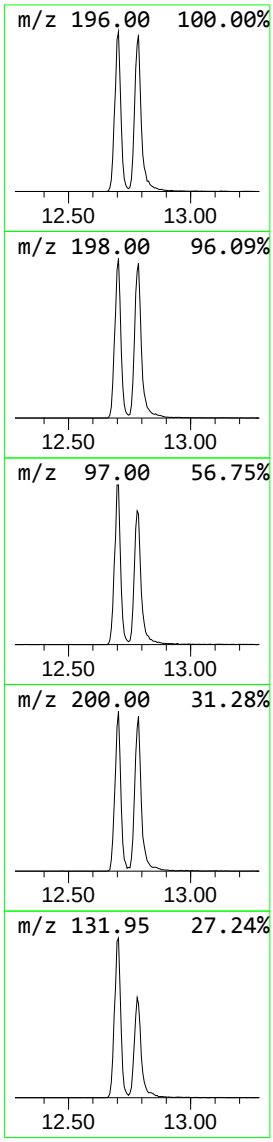
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 2,4,5-trichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.781	18.85 ng/ul	1406820	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	96
2	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	95
3	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	94
4	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	94
5	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	93





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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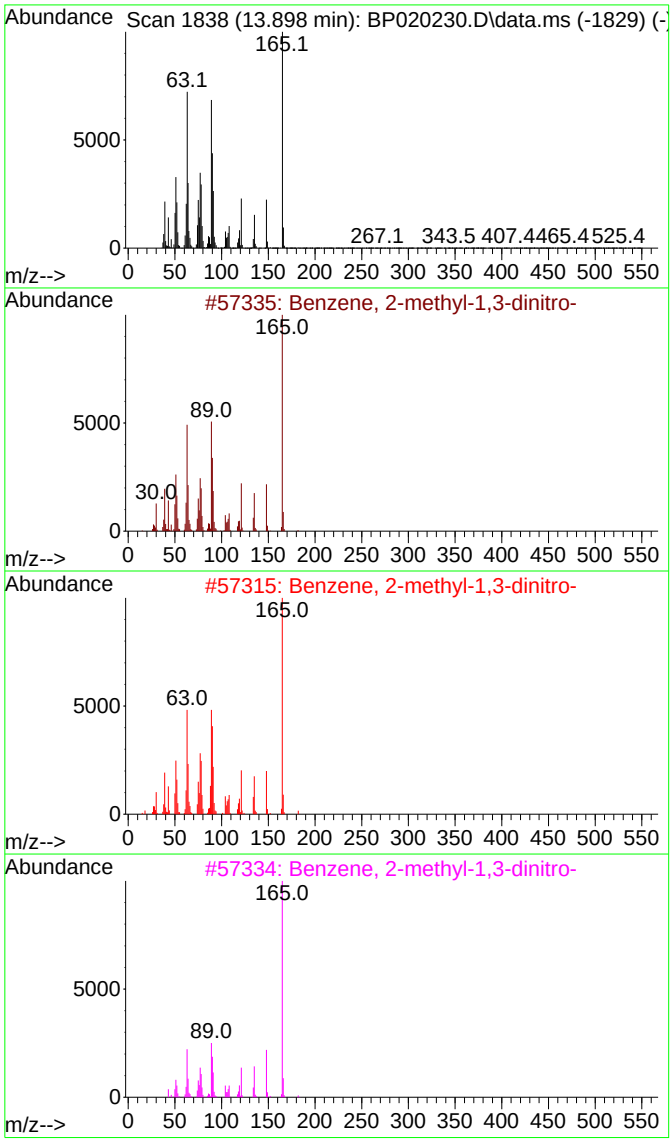
Quant Title : SVOA CALIBRATION

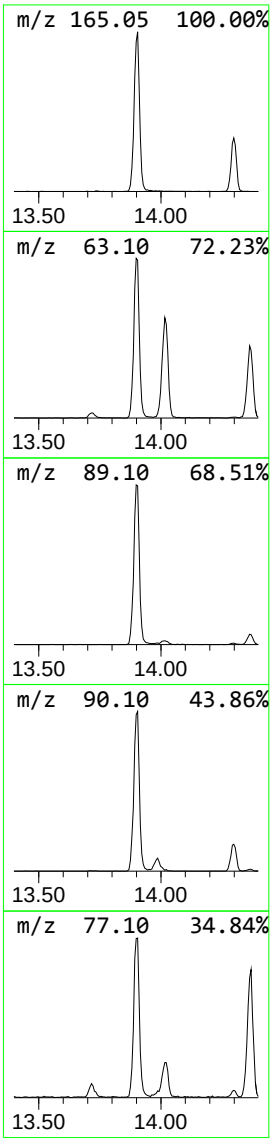
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-methyl-1,3-dinitro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	14.36 ng/ul	1071370	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methyl-1,3-dinitro-	182	C7H6N2O4	000606-20-2	90
2	Benzene, 2-methyl-1,3-dinitro-	182	C7H6N2O4	000606-20-2	64
3	Benzene, 2-methyl-1,3-dinitro-	182	C7H6N2O4	000606-20-2	52
4	Benzene, 1-(chloromethyl)-2,4-di...	216	C7H5ClN2O4	000610-57-1	47
5	Benzene, 1-methyl-2,3-dinitro-	182	C7H6N2O4	000602-01-7	42





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Misc :
ALS Vial : 32 Sample Multiplier: 1

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

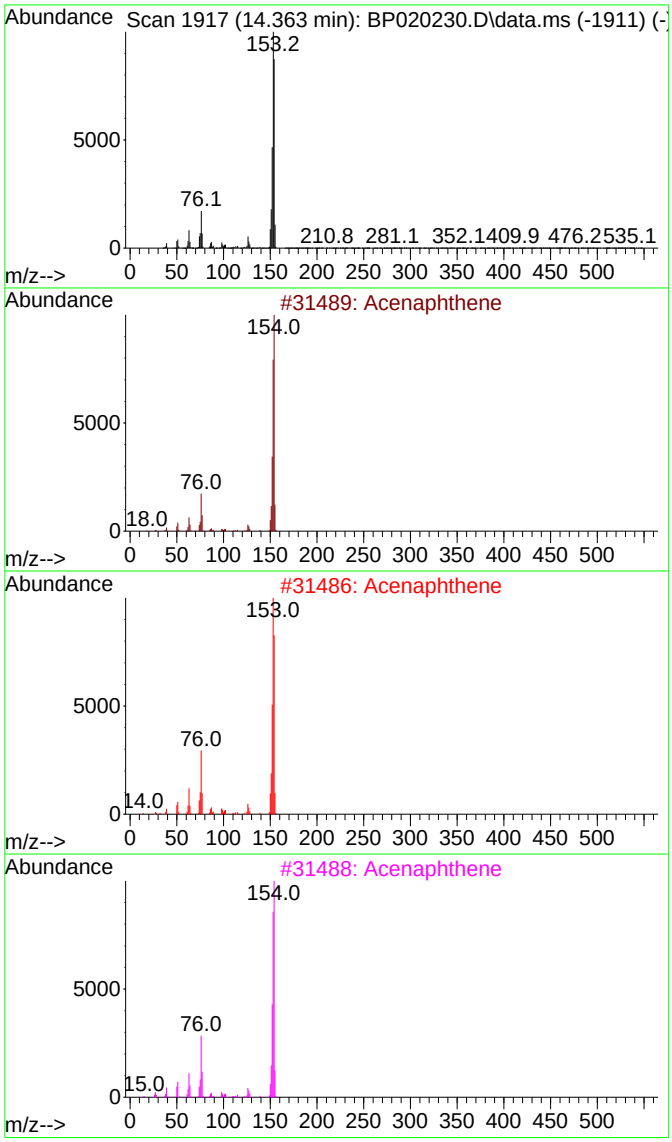
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

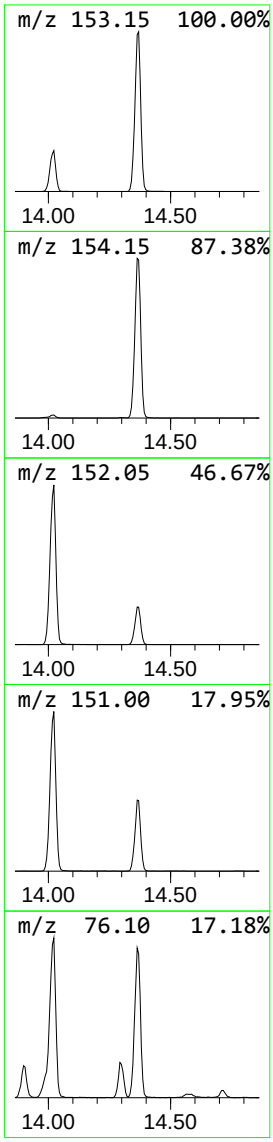
****

Peak Number 10 Acena phthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	26.61 ng/ul	1985440	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	93
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Acenaphthene	154	C12H10	000083-32-9	64
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59





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Misc :
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Quant Title : SVOA CALIBRATION

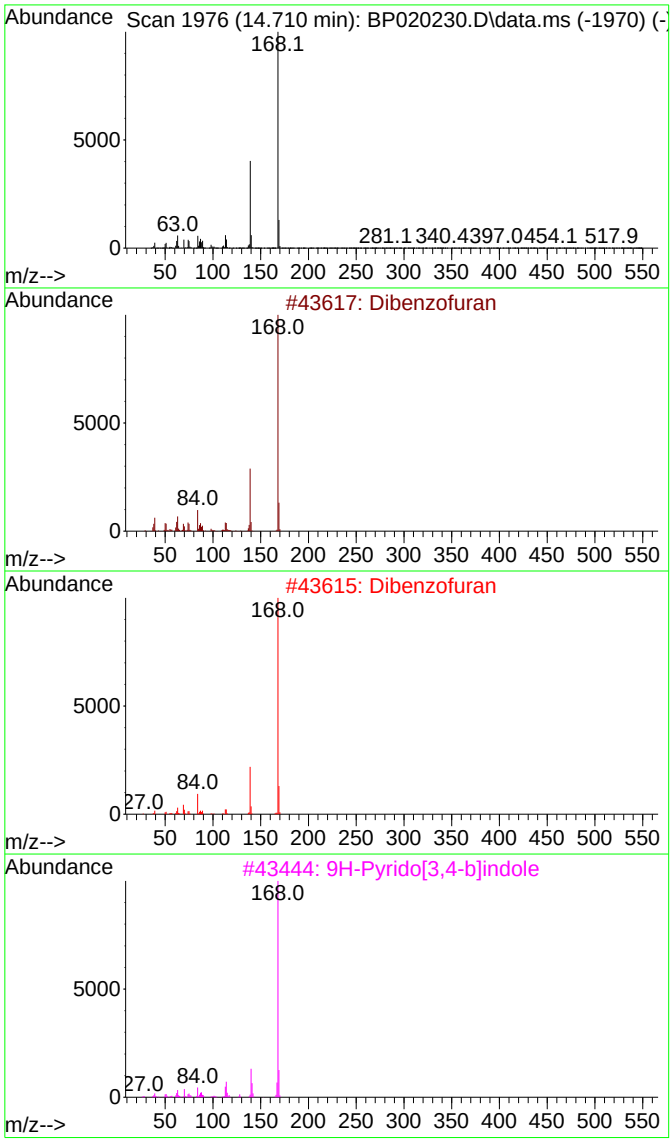
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

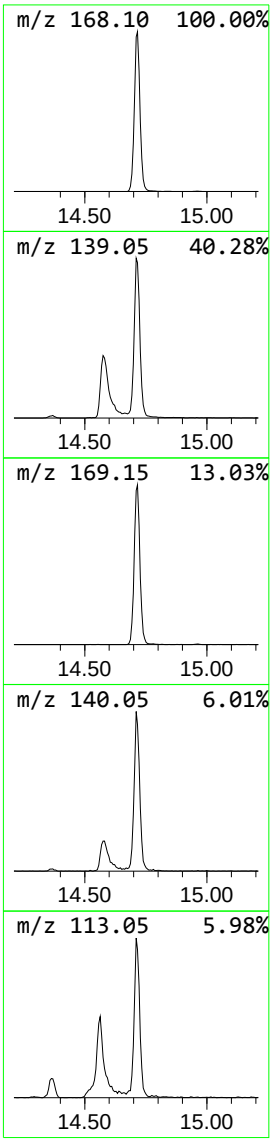
****

Peak Number 11 Dibenzo furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	20.22 ng/ul	1508910	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	74
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	58
4	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	53
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	53





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Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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

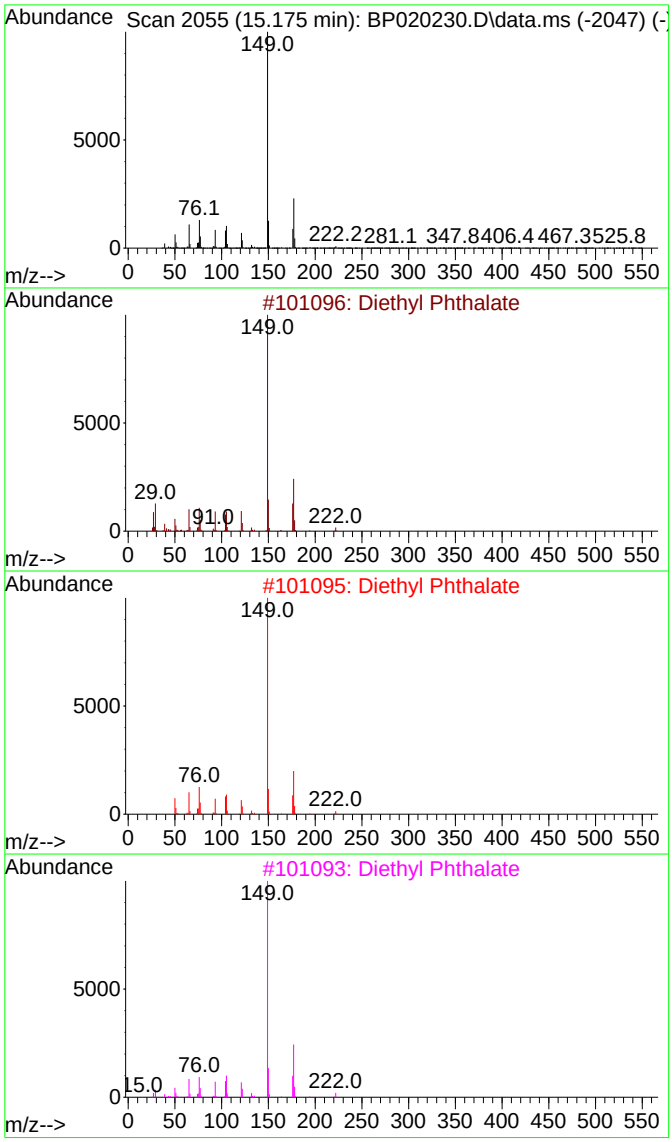
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

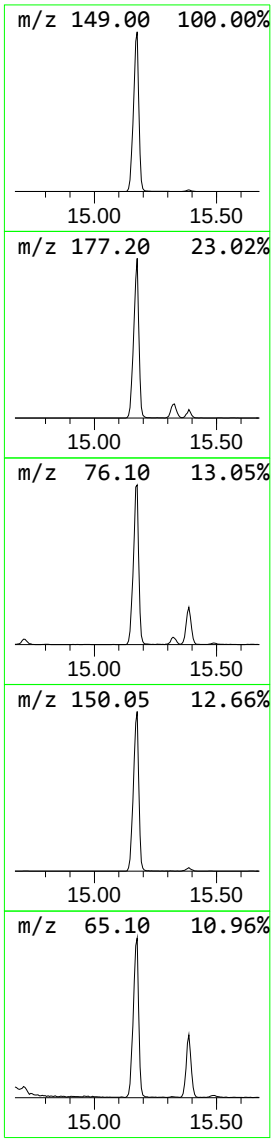
****

Peak Number 12 Diethyl Phthalate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.175	31.28 ng/ul	2334230	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl Phthalate	222	C12H14O4	000084-66-2	98
2	Diethyl Phthalate	222	C12H14O4	000084-66-2	96
3	Diethyl Phthalate	222	C12H14O4	000084-66-2	91
4	Phthalic acid, 7-bromoheptyl eth...	370	C17H23BrO4	1000415-51-6	83
5	Phthalic acid, ethyl 3-methylbut...	262	C15H18O4	1010315-44-5	72





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Misc :
ALS Vial : 32 Sample Multiplier: 1

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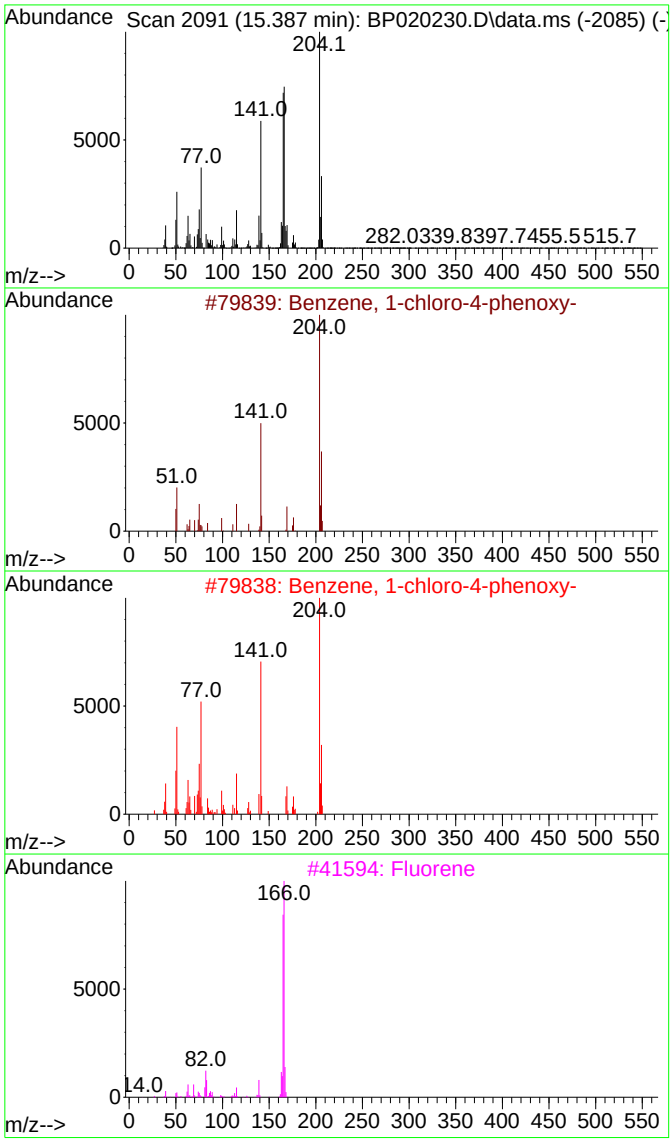
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

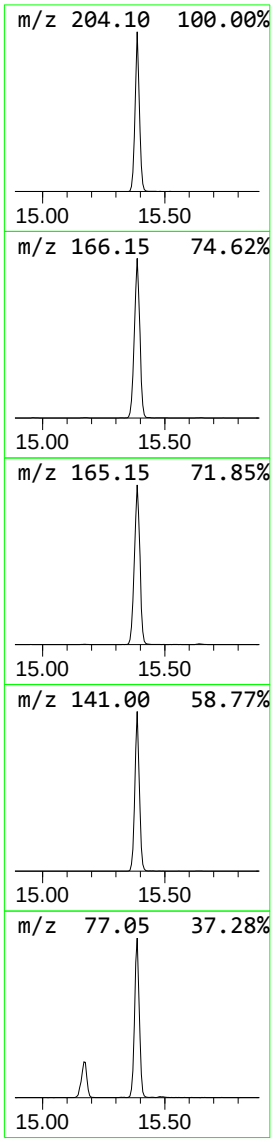
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-chloro-4-phenoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.387	53.65 ng/ul	4003060	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	95
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	95
3	Fluorene	166	C13H10	000086-73-7	46
4	Fluorene	166	C13H10	000086-73-7	46
5	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46





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Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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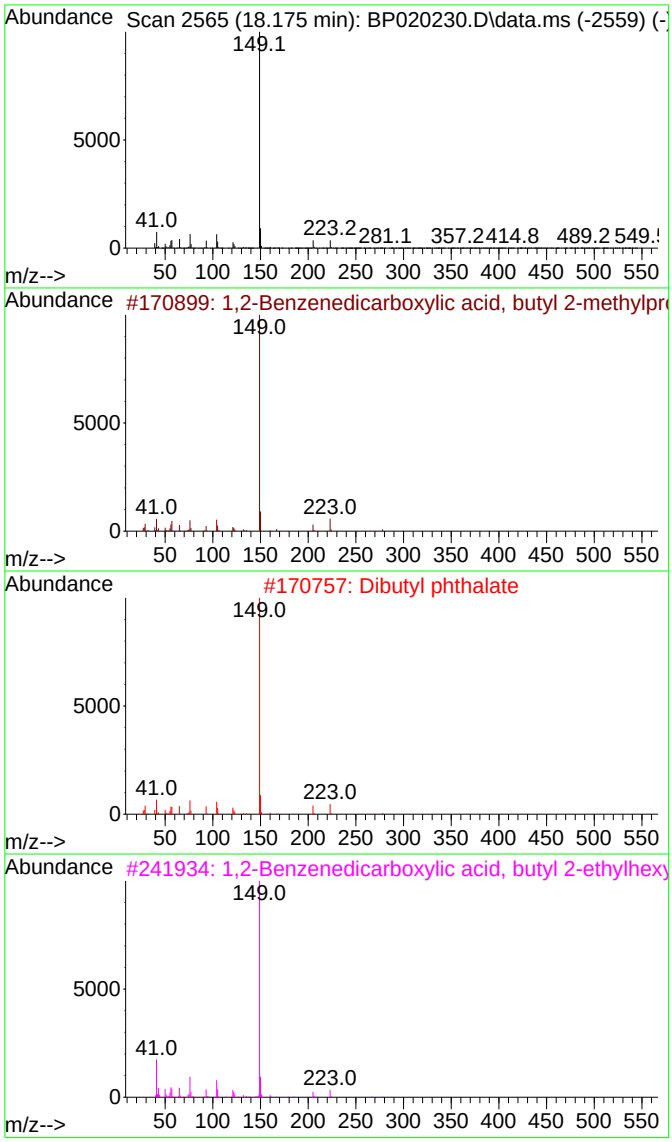
Quant Title : SVOA CALIBRATION

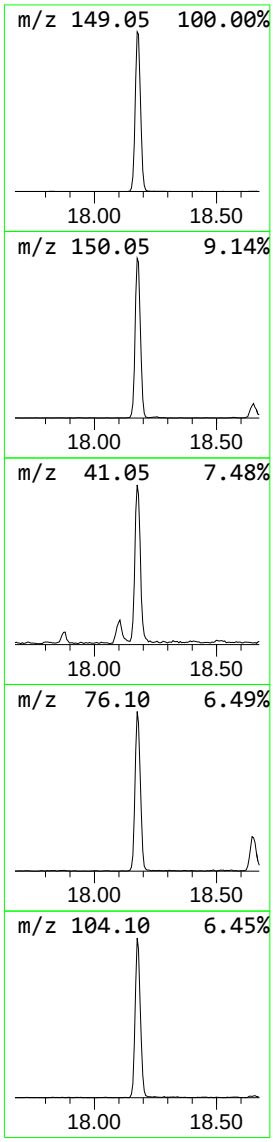
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,2-Benzenedicarboxylic aci... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	13.82 ng/ul	1328220	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	94
2	Dibutyl phthalate	278	C16H22O4	000084-74-2	94
3	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	91
4	Dibutyl phthalate	278	C16H22O4	000084-74-2	90
5	1,4-Dibutyl benzene-1,4-dicarbox...	278	C16H22O4	001962-75-0	90





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Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
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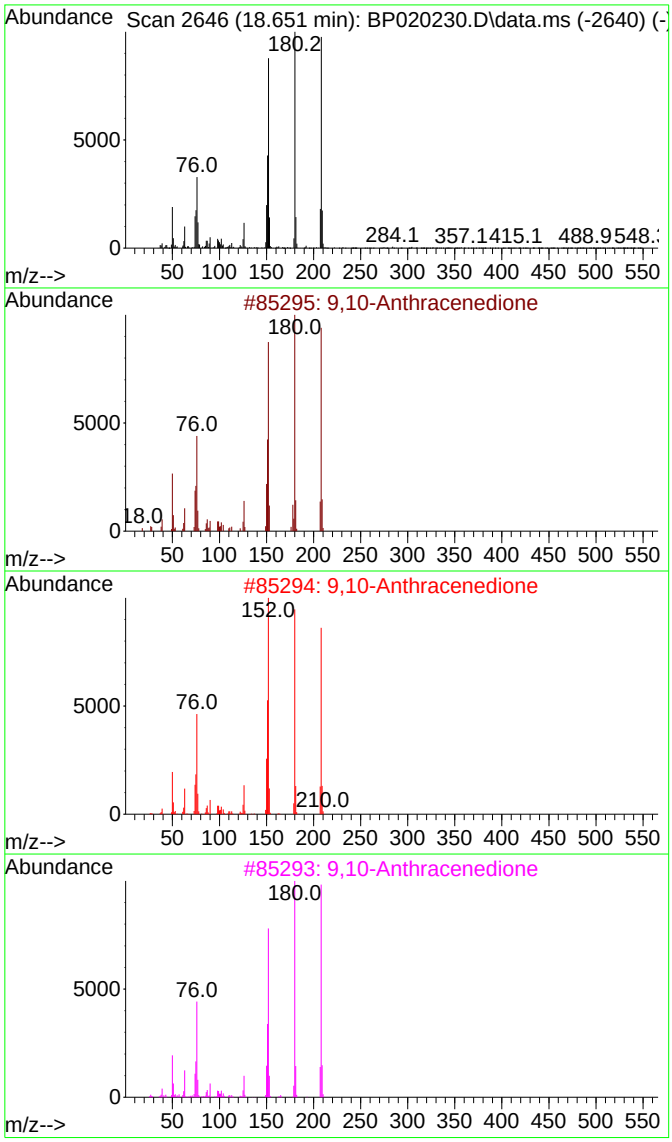
Quant Title : SVOA CALIBRATION

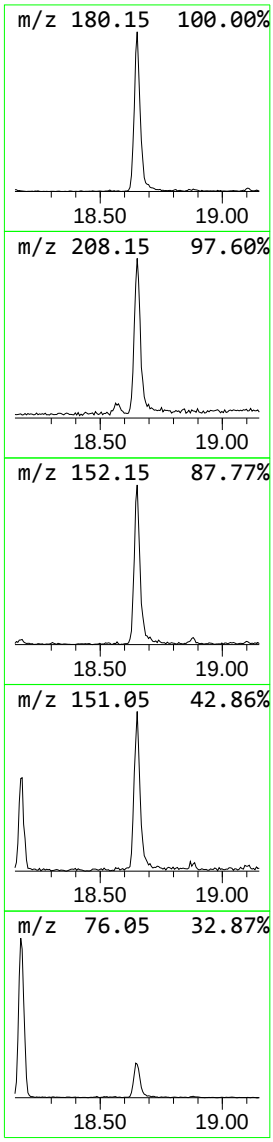
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Anthracenedione Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	2.27 ng/ul	218419	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94





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Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

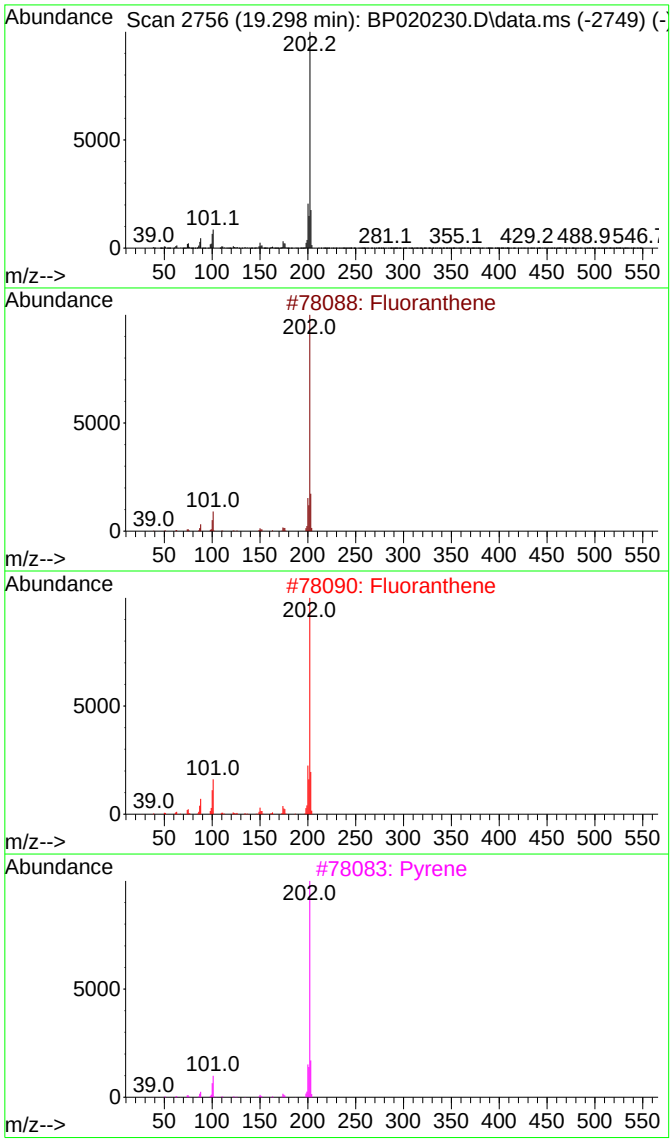
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

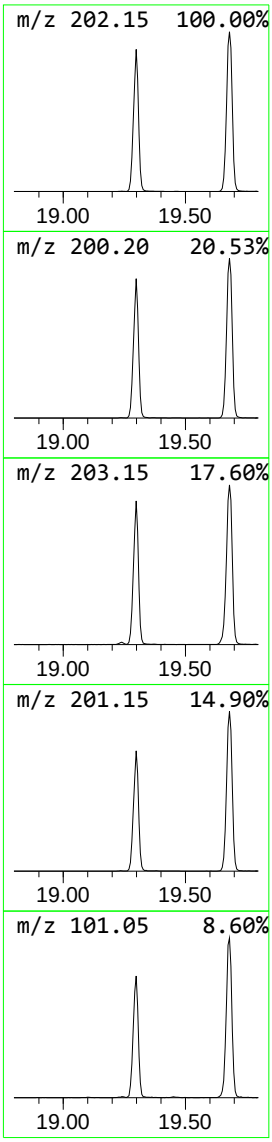
****

Peak Number 16 Fluoran thene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	32.97 ng/ul	3169430	Phenanthrene-d10	17.139

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	93
4	Pyrene	202	C16H10	000129-00-0	90
5	Fluoranthene	202	C16H10	000206-44-0	87





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Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
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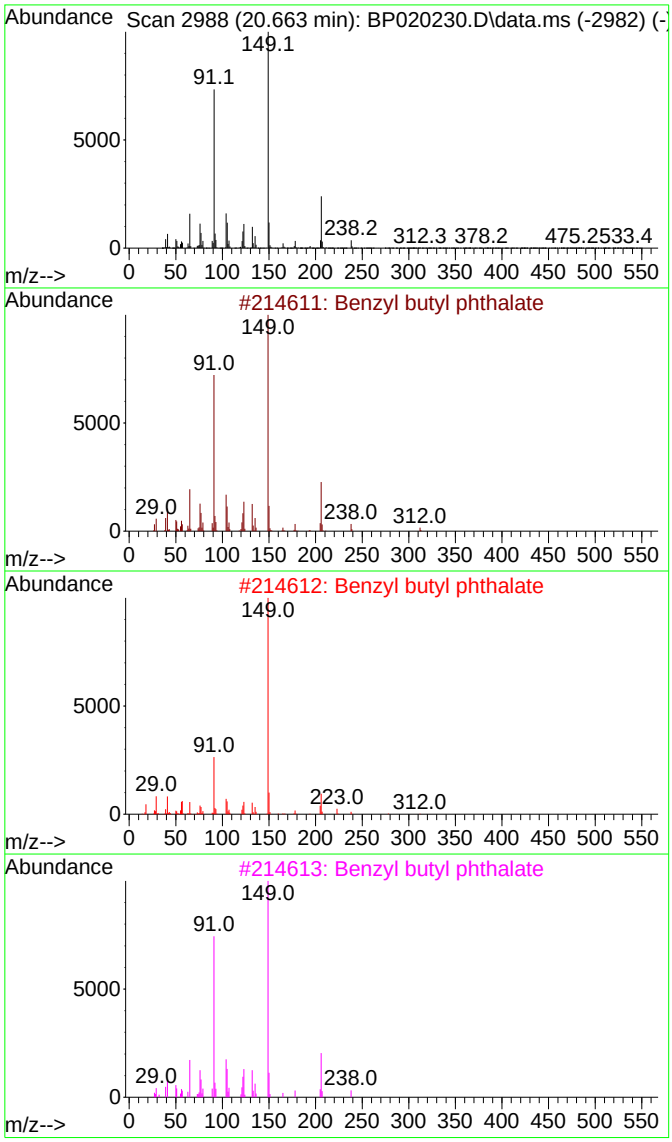
Quant Title : SVOA CALIBRATION

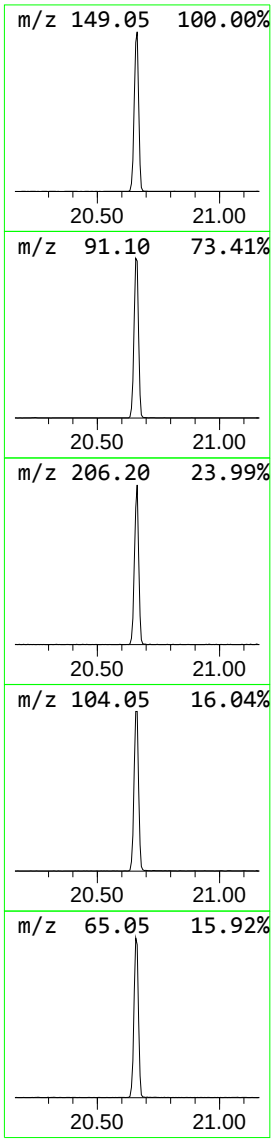
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzyl butyl phthalate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.663	18.78 ng/ul	3853230	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	94
2	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	92
3	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	91
4	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	62
5	Oxazolidine, 3-phenyl-	149	C9H11NO	020503-92-8	52





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Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

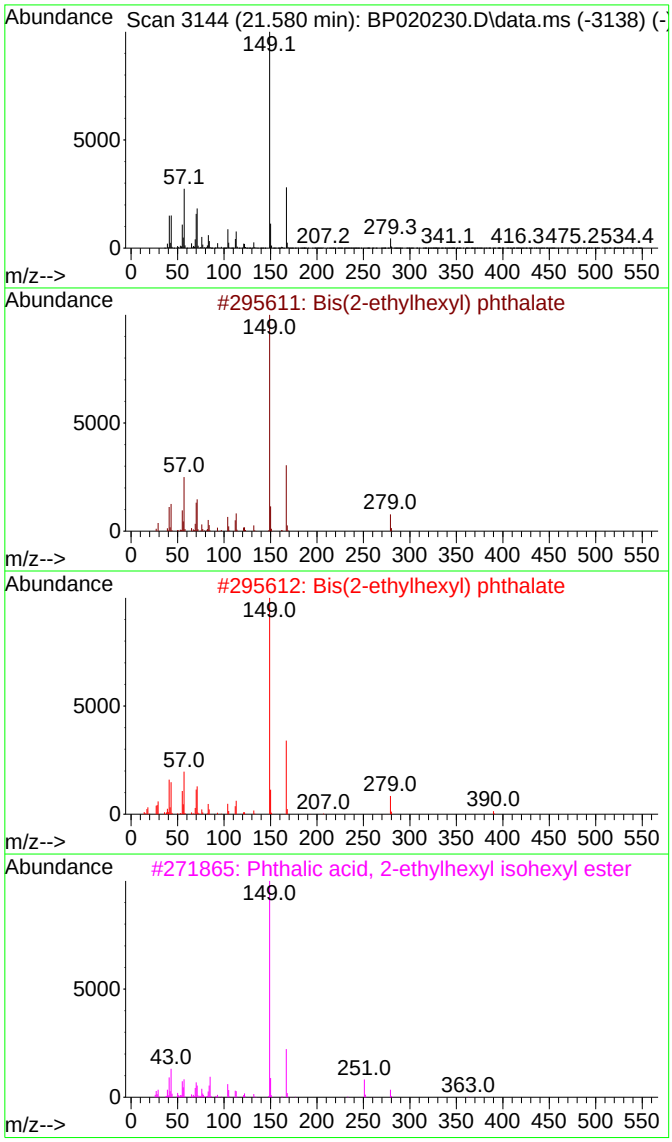
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

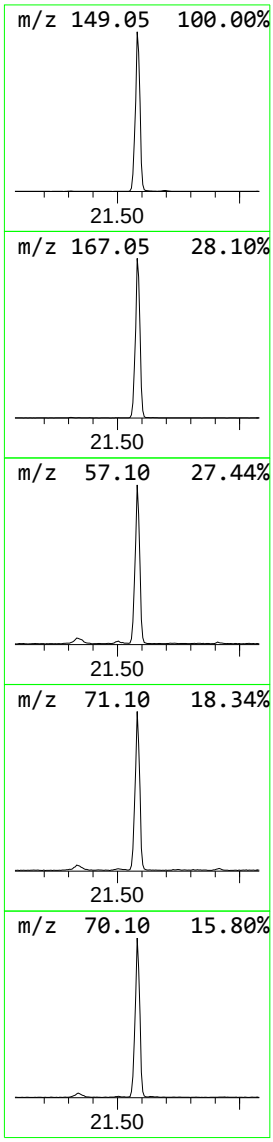
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Bis(2-ethylhexyl) phthalate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.580	18.85 ng/ul	3867980	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
3	Phthalic acid, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	86
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	72
5	Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	72





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Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

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

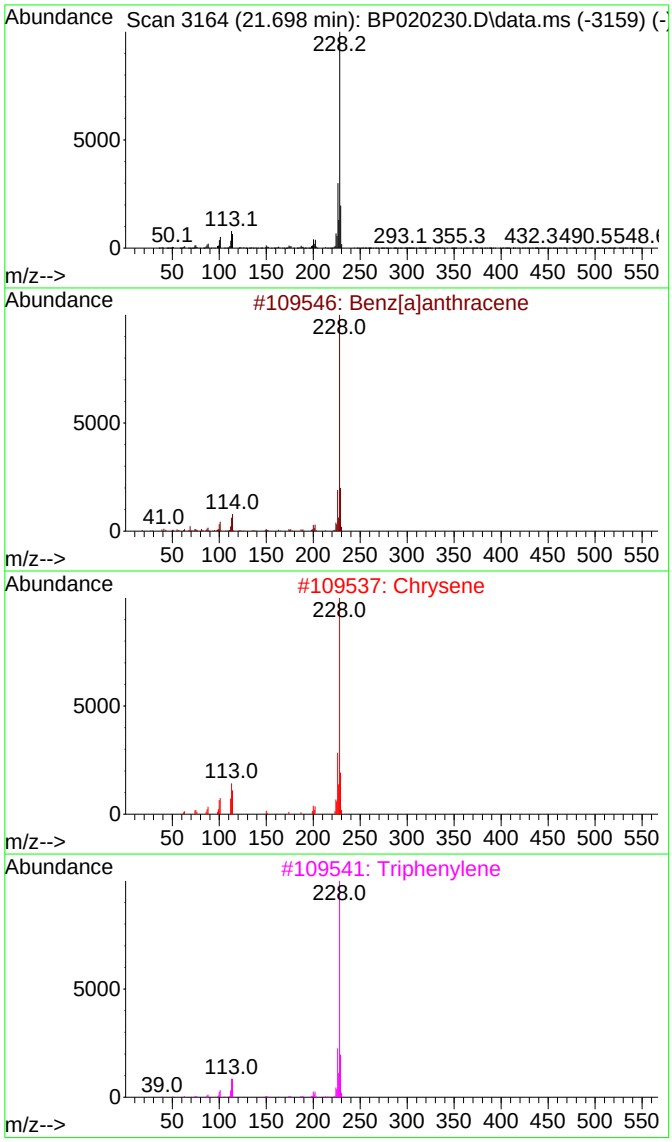
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

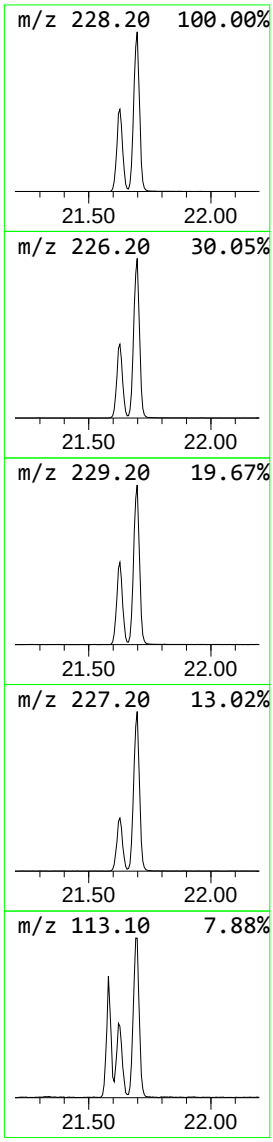
****

Peak Number 19 Benz[a]anthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.698	22.39 ng/ul	4594740	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene	228	C18H12	000056-55-3	97
2	Chrysene	228	C18H12	000218-01-9	97
3	Triphenylene	228	C18H12	000217-59-4	96
4	Triphenylene	228	C18H12	000217-59-4	95
5	Chrysene	228	C18H12	000218-01-9	95





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Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

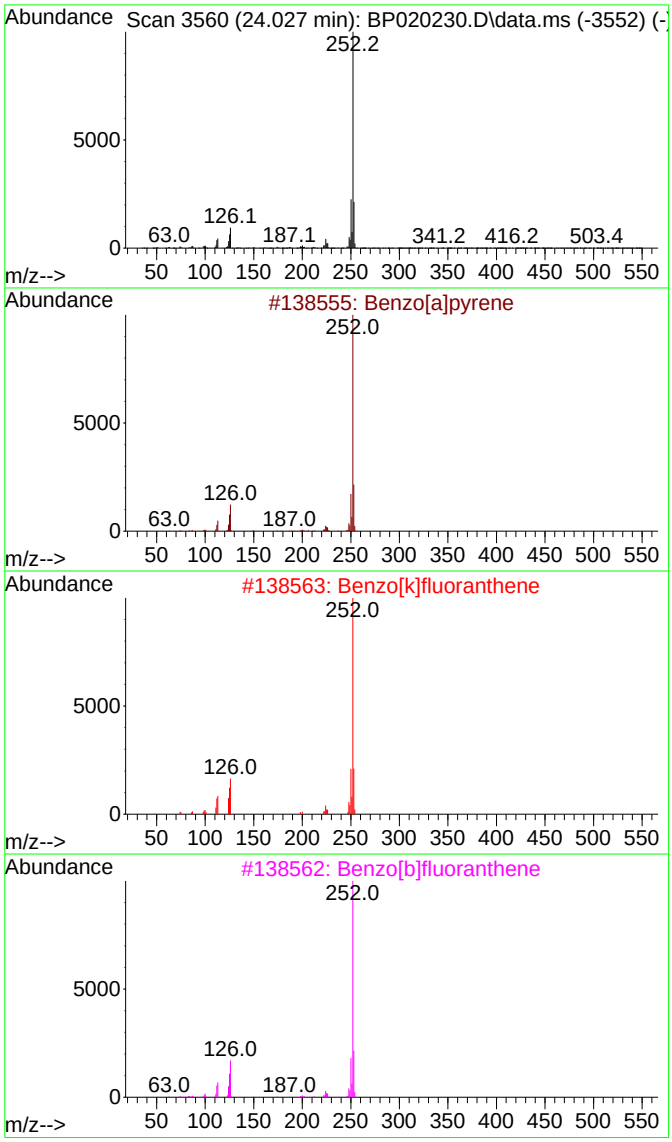
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

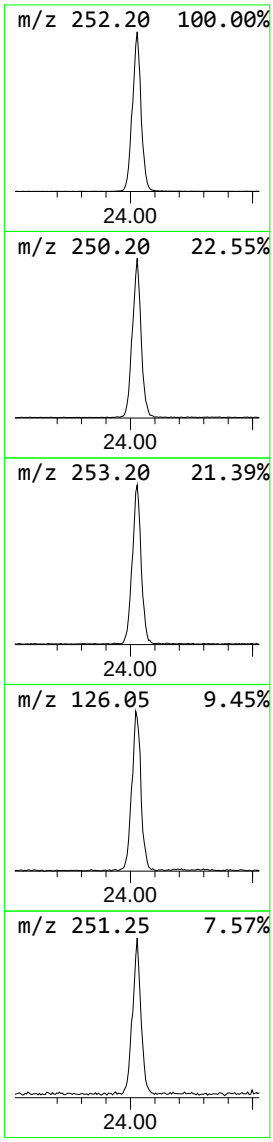
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[a]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.027	21.23 ng/ul	1752800	Perylene-d12	25.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[e]pyrene	252	C20H12	000192-97-2	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

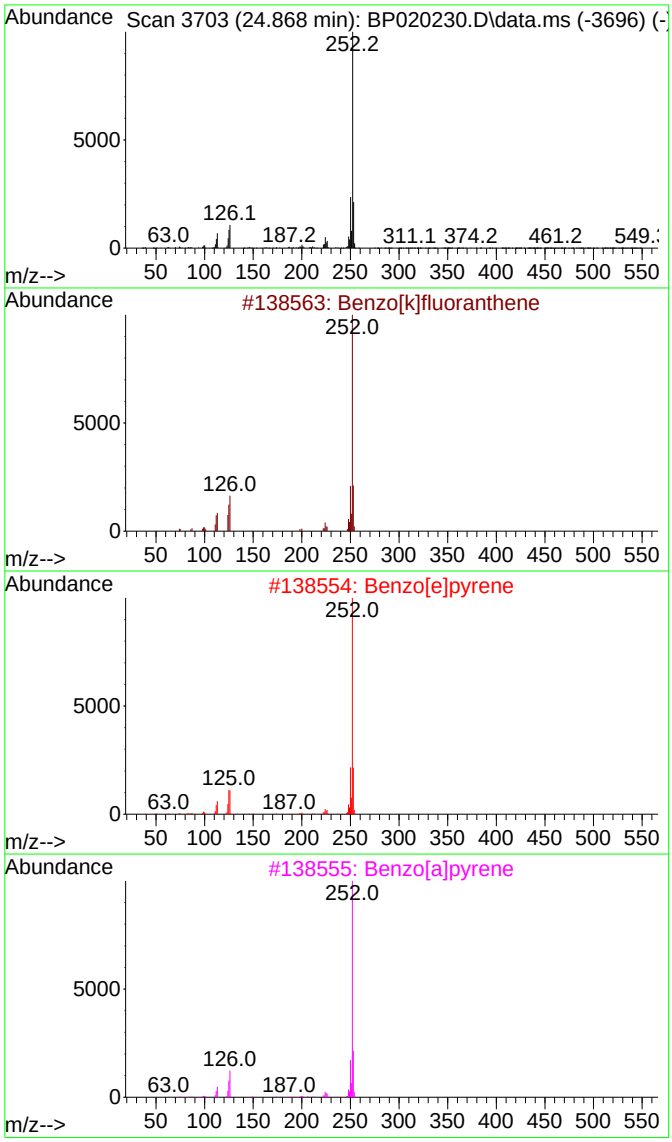
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

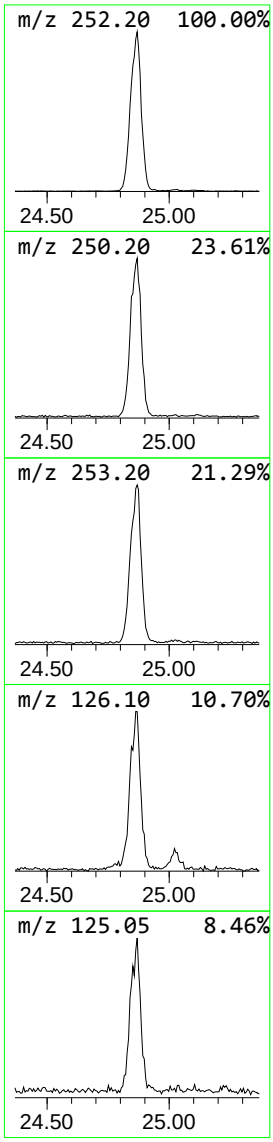
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[k]fluoranthene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.868	9.44 ng/ul	779583	Perylene-d12	25.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

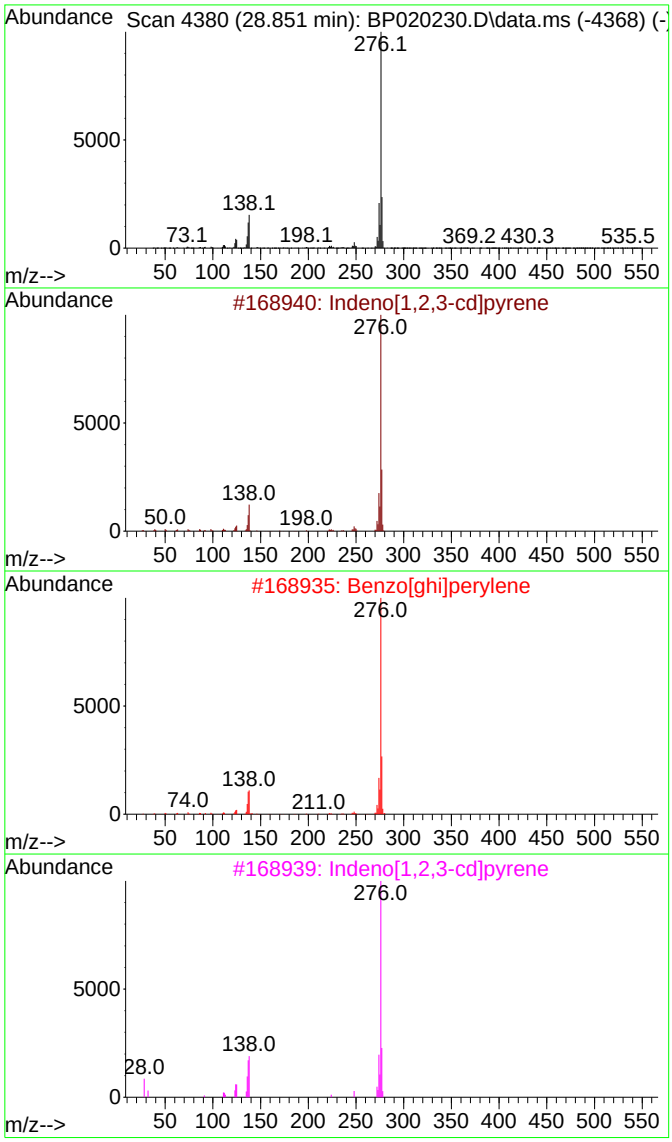
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

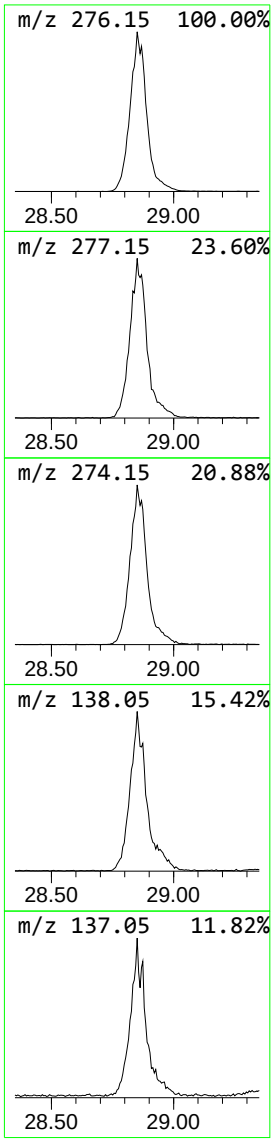
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Indeno[1,2,3-cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.851	15.29 ng/ul	1262490	Perylene-d12	25.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	98
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	97
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	95
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020230.D
Acq On : 07 May 2024 13:14
Operator : MA/JU
Sample : P2368-23DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y4DL

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
Bis(2-chloroeth...	7.046	20.5	ng/ul	703103	1	7.599	684603	20.0
Benzene, 1,3-di...	7.481	27.4	ng/ul	939269	1	7.599	684603	20.0
1-Propanamine, ...	8.405	16.1	ng/ul	550260	1	7.599	684603	20.0
Methane, bis(2-...	9.810	17.7	ng/ul	908338	2	10.381	1026430	20.0
Naph thalene	10.434	35.3	ng/ul	1812400	2	10.381	1026430	20.0
Phenol, 4-chlor...	11.699	29.6	ng/ul	1519310	2	10.381	1026430	20.0
Phenol, 2,4,6-t...	12.704	18.5	ng/ul	1382160	3	14.298	1492320	20.0
Phenol, 2,4,5-t...	12.781	18.9	ng/ul	1406820	3	14.298	1492320	20.0
Benzene, 2-meth...	13.898	14.4	ng/ul	1071370	3	14.298	1492320	20.0
Acena phthene	14.363	26.6	ng/ul	1985440	3	14.298	1492320	20.0
Dibenzo furan	14.710	20.2	ng/ul	1508910	3	14.298	1492320	20.0
Diethyl Phthalate	15.175	31.3	ng/ul	2334230	3	14.298	1492320	20.0
Benzene, 1-chlo...	15.387	53.6	ng/ul	4003060	3	14.298	1492320	20.0
1,2-Benzenedica...	18.175	13.8	ng/ul	1328220	4	17.139	1922330	20.0
9,10-Anthracene...	18.651	2.3	ng/ul	218419	4	17.139	1922330	20.0
Fluoran thene	19.298	33.0	ng/ul	3169430	4	17.139	1922330	20.0
Benzyl butyl ph...	20.663	18.8	ng/ul	3853230	5	21.645	4103960	20.0
Bis(2-ethylhexy...	21.580	18.9	ng/ul	3867980	5	21.645	4103960	20.0
Benz[a]anthracene	21.698	22.4	ng/ul	4594740	5	21.645	4103960	20.0
Benzo[a]pyrene	24.027	21.2	ng/ul	1752800	6	25.027	1651320	20.0
Benzo[k]fluoran...	24.868	9.4	ng/ul	779583	6	25.027	1651320	20.0
Indeno[1,2,3-cd...	28.851	15.3	ng/ul	1262490	6	25.027	1651320	20.0