LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43Y7

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: BP020350.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	18	21	27	rVB	10472	15157	0.15%	0.009%
2	6.817	623	634	653	rBV2	1131853	2396568	23.29%	1.439%
3	6.958	653	658	667	rVV	128748	224227	2.18%	0.135%
4	7.052	667	674	683	rVV	269380	440830	4.28%	0.265%
5	7.169	683	694	713	rVB2	785487	1646492	16.00%	0.989%
6	7.487	740	748	760	rBV	434244	749365	7.28%	0.450%
7	7.599	760	767	768	rBV	260507	325927	3.17%	0.196%
8	7.634	768	773	786	rVB	1834279	2995487	29.11%	1.799%
9	7.946	815	826	845	rBV	1226856	2080228	20.21%	1.249%
10	8.322	883	890	898	rBV	194888	365511	3.55%	0.219%
11	8.405	898	904	918	rVV	952016	1647623	16.01%	0.989%
12	8.652	938	946	955	rVB	1089414	1809155	17.58%	1.086%
13	8.763	959	965	968	rBV	172796	286856	2.79%	0.172%
14	8.811	968	973	987	rVB	310135	621233	6.04%	0.373%
15	9.475	1080	1086	1087	rBV	152135	182699	1.78%	0.110%
16	9.511	1087	1092	1106	rVB	382308	810889	7.88%	0.487%
17	9.810	1135	1143	1154	rBV	544119	892381	8.67%	0.536%
18	10.040	1171	1182	1206	rBV2	456402	1473660	14.32%	0.885%
19	10.375	1228	1239	1243	rBV	321067	606074	5.89%	0.364%
20	10.428	1243	1248	1263	rVV	2491360	4044510	39.30%	2.429%
21	10.558	1263	1270	1287	rVV	124925	314184	3.05%	0.189%
22	11.163	1364	1373	1378	rBV4	14066	33462	0.33%	0.020%
23	11.693	1456	1463	1491	rBV	1182880	2281209	22.17%	1.370%
24	12.687	1624	1632	1638	rBV	938835	1548062	15.04%	0.930%
25	12.757	1638	1644	1674	rVB	1660669	3399374	33.03%	2.041%
26	13.128	1700	1707	1720	rVV	1172915	1917986	18.64%	1.152%
27	13.234	1722	1725	1734	rVV9	7806	19926	0.19%	0.012%
28	13.322	1735	1740	1750	rVB3	14391	29219	0.28%	0.018%
29	13.510	1766	1772	1778	rBV6	15170	24125	0.23%	0.014%
30	13.699	1798	1804	1813	rBV	459991	720706	7.00%	0.433%
31	13.881	1827	1835	1843	rBV	2560727	4107956	39.92%	2.467%
32	13.993	1843	1854	1868	rVB2	3243464	5888256	57.22%	3.536%
33	14.275	1894	1902	1908	rBV	521518	821685	7.98%	0.493%
34	14.346	1908	1914	1922	rVV	3049655	4245045	41.25%	2.549%
35	14.416	1922	1926	1932	rVB	41001	56181	0.55%	0.034%
36	14.498	1932	1940	1941	rBV	1883707	2331024	22.65%	1.400%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43Y7

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	14.516	1941	1943	1947	rVV	2195580	3505997	34.07%	2.105%
38	14.551	1947	1949	1967	rVV	1292718	2476514	24.06%	1.487%
39	14.693	1967	1973	1988	rVB	1649019	2464713	23.95%	1.480%
40	14.934	2009	2014	2022	rVB	35927	61885	0.60%	0.037%
41	15.146	2043	2050	2057	rBV	4166483	5796464	56.32%	3.481%
42	15.298	2070	2076	2081	rBV	663309	1043205	10.14%	0.626%
43	15.357	2081	2086	2098	rVB	4460353	6223774	60.48%	3.737%
44	15.457	2098	2103	2114	rBV	167978	314369	3.05%	0.189%
45	15.616	2125	2130	2134	rVB2	18336	28049	0.27%	0.017%
46	15.910	2174	2180	2185	rVV2	21967	45218	0.44%	0.027%
47	15.963	2186	2189	2192	rVB4	9485	12400	0.12%	0.007%
48	16.069	2199	2207	2219	rVB5	24790	62608	0.61%	0.038%
49	16.251	2233	2238	2247	rVB2	29258	43008	0.42%	0.026%
50	16.387	2252	2261	2277	rBV	5255438	7629960	74.14%	4.582%
51	16.516	2279	2283	2288	rBV8	7534	11067	0.11%	0.007%
52	16.745	2315	2322	2337	rBV	2741775	4866212	47.28%	2.922%
53	16.904	2346	2349	2350	rBV3	8958	10432	0.10%	0.006%
54	16.934	2350	2354	2364	rVB5	29515	68211	0.66%	0.041%
55	17.110	2375	2384	2388	rBV	673839	1081799	10.51%	0.650%
56	17.157	2388	2392	2397	rVV	1809684	2544516	24.72%	1.528%
57	17.222	2397	2403	2405	rVV	774291	1220678	11.86%	0.733%
58	17.257	2405	2409	2424	rVB	2574712	3560087	34.59%	2.138%
59	17.557	2455	2460	2469	rVB6	17255	38244	0.37%	0.023%
60	17.757	2489	2494	2498	rBV3	38519	64600	0.63%	0.039%
61	17.834	2503	2507	2514	rVB	98286	123161	1.20%	0.074%
62	18.004	2533	2536	2542	rVB8	8325	13153	0.13%	0.008%
63	18.069	2542	2547	2554	rBV	201490	341237	3.32%	0.205%
64	18.151	2554	2561	2569	rVB	5117271	6469605	62.86%	3.885%
65	18.375	2596	2599	2603	rVB6	15676	20514	0.20%	0.012%
66	18.463	2609	2614	2623	rBV9	41087	103328	1.00%	0.062%
67	18.545	2624	2628	2634	rVV2	28019	54828	0.53%	0.033%
68	18.616	2635	2640	2657	rVB	226434	344099	3.34%	0.207%
69	18.986	2698	2703	2708	rBV6	39810	86433	0.84%	0.052%
70	19.039	2710	2712	2714	rVV2	20155	25834	0.25%	0.016%
71	19.069	2714	2717	2721	rVV2	83689	114505	1.11%	0.069%
72	19.104	2721	2723	2726	rVB4	13985	15362	0.15%	0.009%
73	19.210	2737	2741	2745	rBV	53659	70774	0.69%	0.042%
74	19.275	2745	2752	2766	rVB	6746762	9155827	88.97%	5.498%
75	19.422	2773	2777	2784	rBV	140019	202771	1.97%	0.122%
76	19.528	2790	2795	2802	rBV	47907	85108	0.83%	0.051%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

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	19.622	2805	2811	2813	rBV	1217435	1719323	16.71%	1.032%
78	19.651	2813	2816	2826	rVB	3139963	4082121	39.67%	2.451%
79	19.769	2833	2836	2842	rBV4	29697	50165	0.49%	0.030%
80	20.204	2907	2910	2911	rBV2	24845	27640	0.27%	0.017%
81	20.381	2937	2940	2944	rVB	60927	68264	0.66%	0.041%
82	21.298	3091	3096	3102	rVB2	160605	285761	2.78%	0.172%
83	21.469	3121	3125	3130	rVB	109203	143354	1.39%	0.086%
84	21.545	3131	3138	3142	rVV	6858653	10024167	97.40%	6.019%
85	21.604	3142	3148	3154	rVV2	4117907	8399666	81.62%	5.044%
86	21.669	3154	3159	3169	rVB	6366339	9817711	95.40%	5.895%
87	23.986	3542	3553	3569	rVB	4234493	10291398	100.00%	6.180%
88	24.745	3672	3682	3696	rVB	550839	1606828	15.61%	0.965%
89	24.963	3711	3719	3730	rVB2	466608	1309080	12.72%	0.786%
90	28.880	4368	4385	4406	rVB	1444745	6951544	67.55%	4.174%

Sum of corrected areas: 166530843

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
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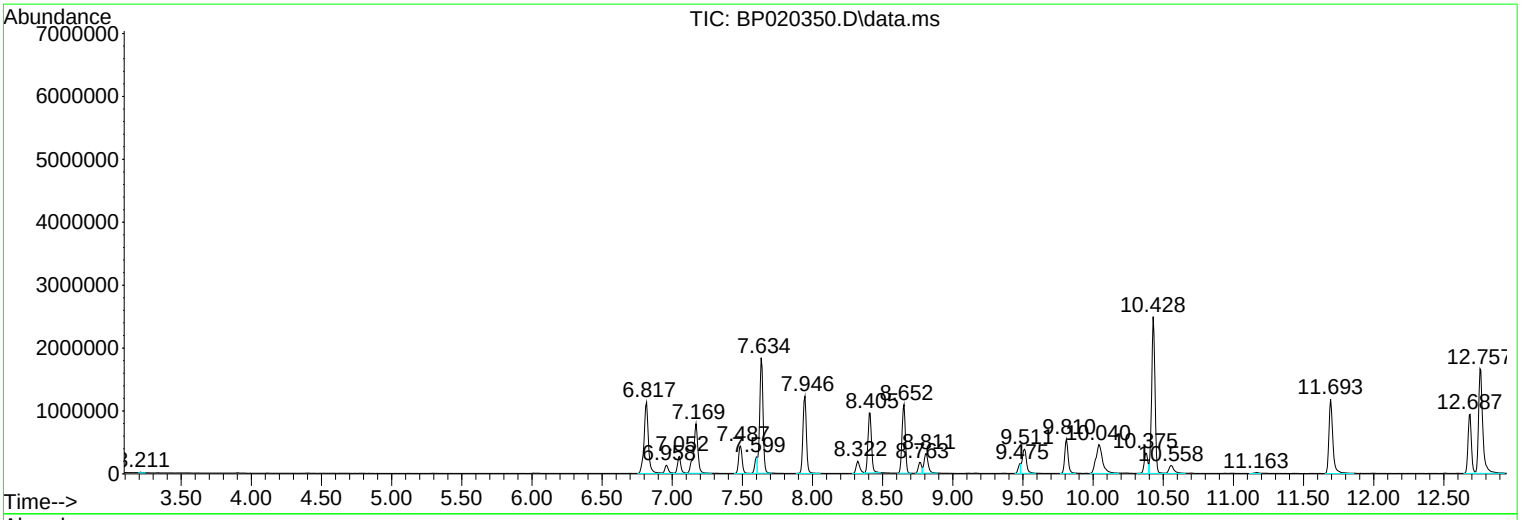
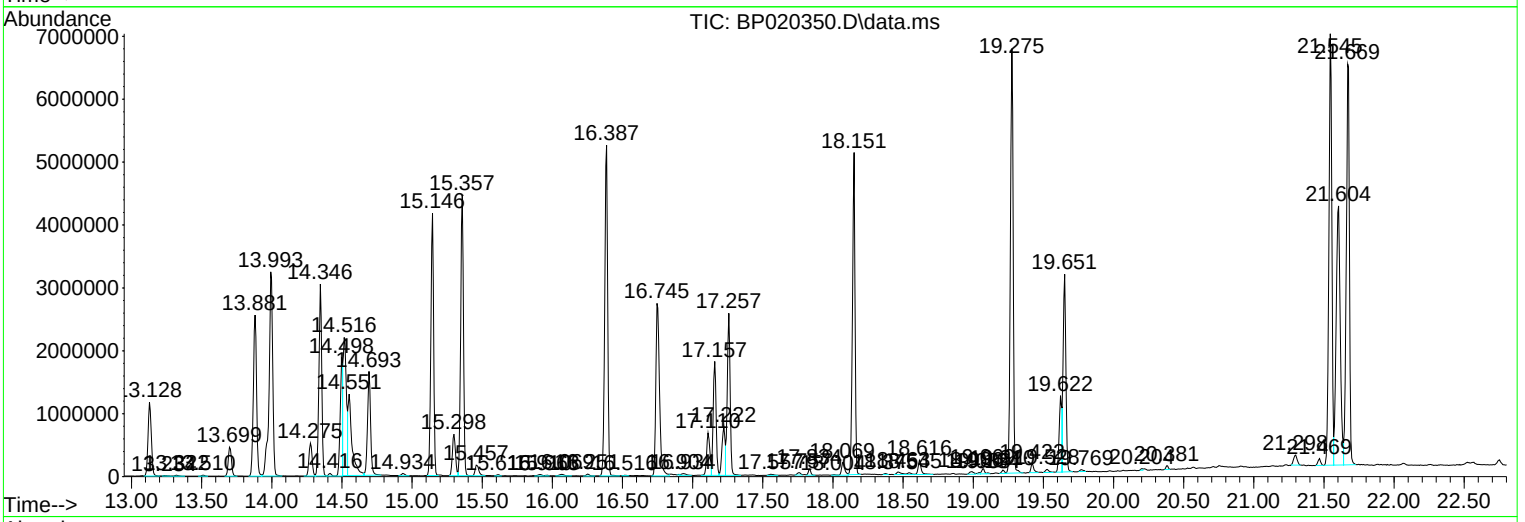
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

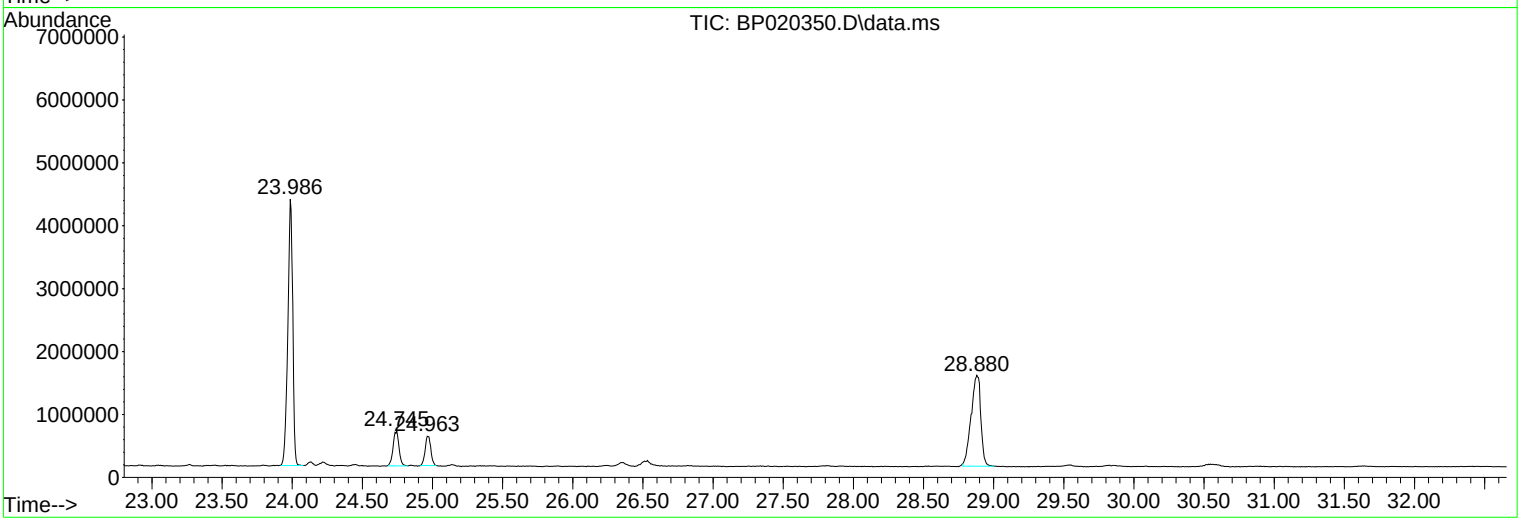
Instrument :
BNA_P
ClientSampleId :
A43Y7

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\BP051324\
Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

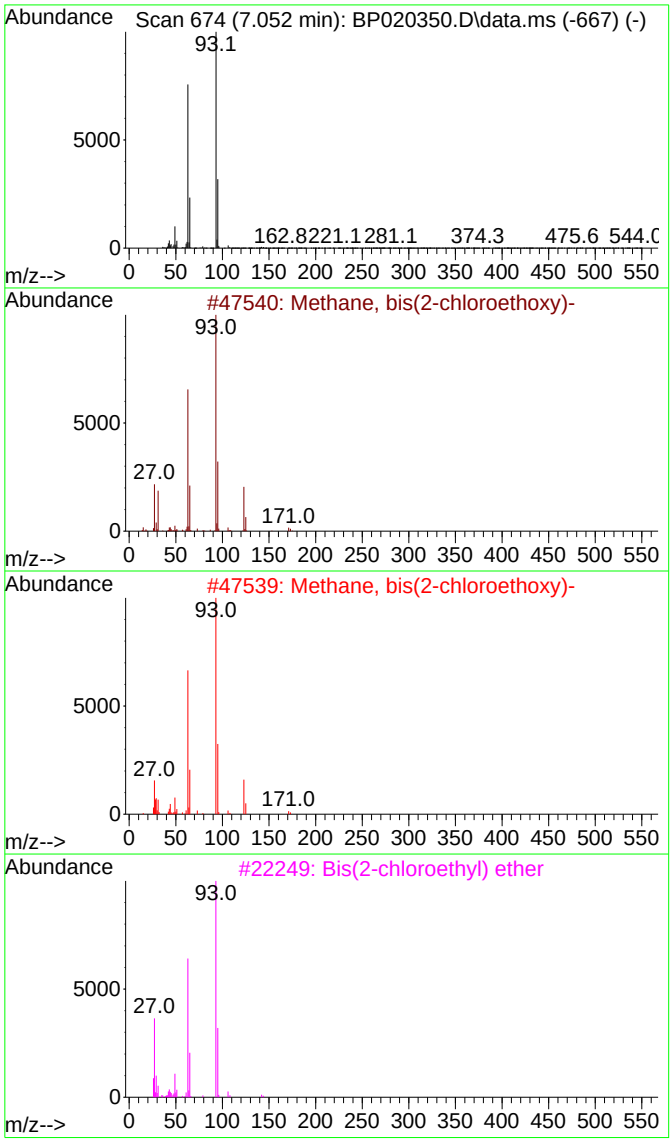
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

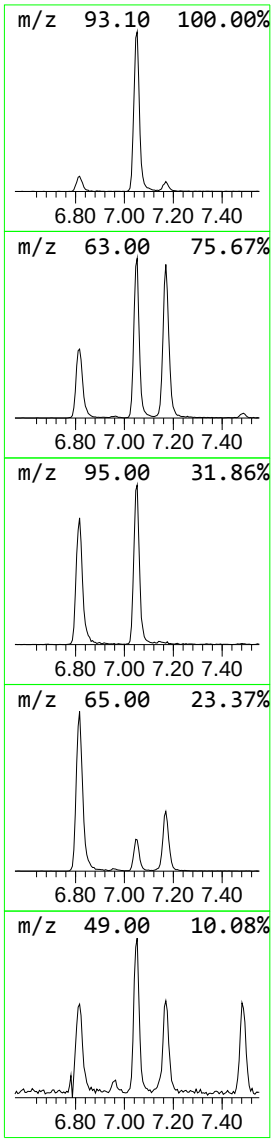
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Methane, bis(2-chloroethoxy)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.052	27.05 ng/ul	440830	1,4-Dichlorobenzene-d4	7.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	83
2	Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	83
3	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	83
4	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	83
5	Propane, 1,1,2-trichloro-	146	C3H5Cl3	000598-77-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

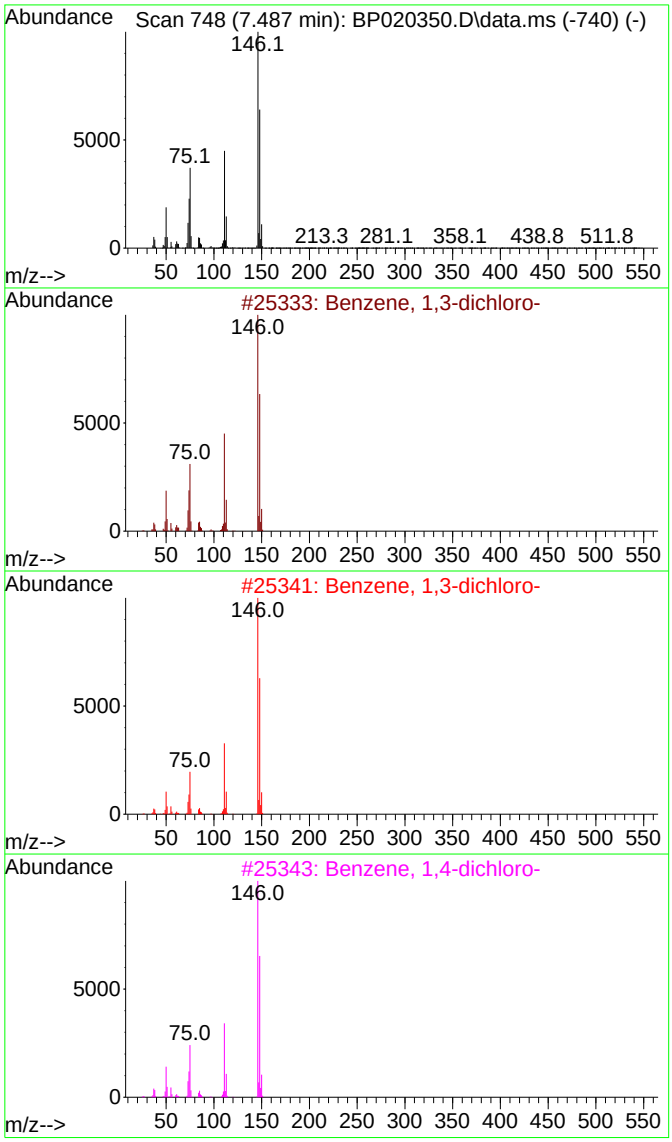
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

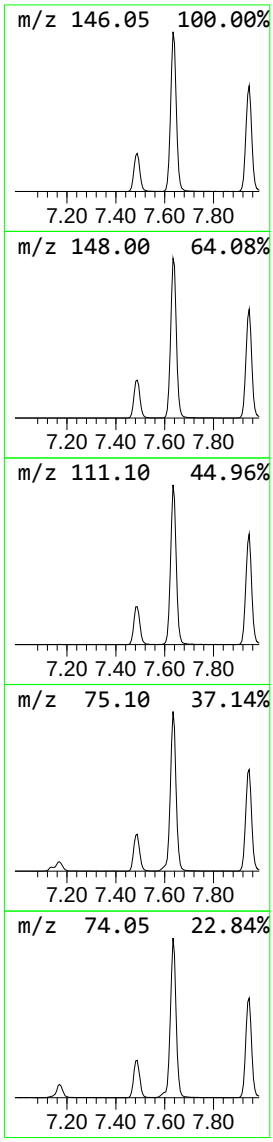
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.487	45.98 ng/ul	749365	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	97
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

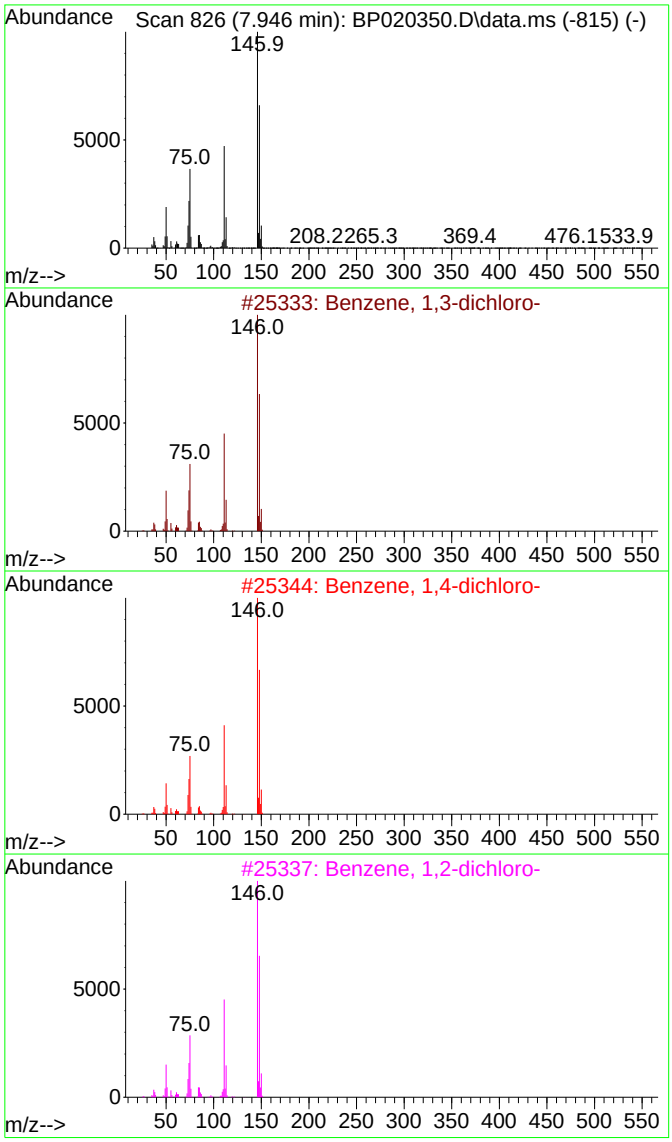
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

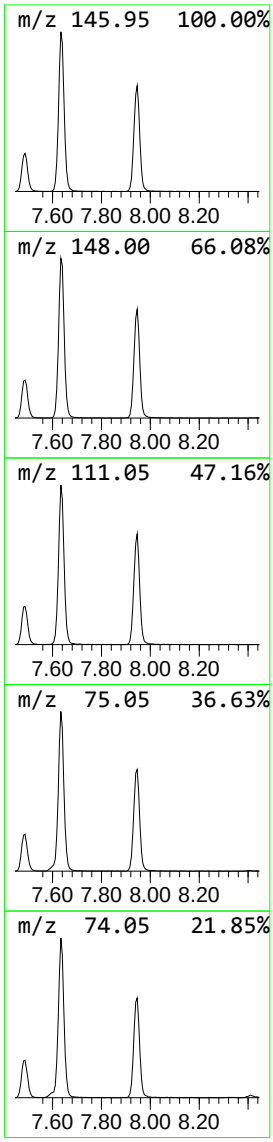
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.946	127.65 ng/ul	2080230	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, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

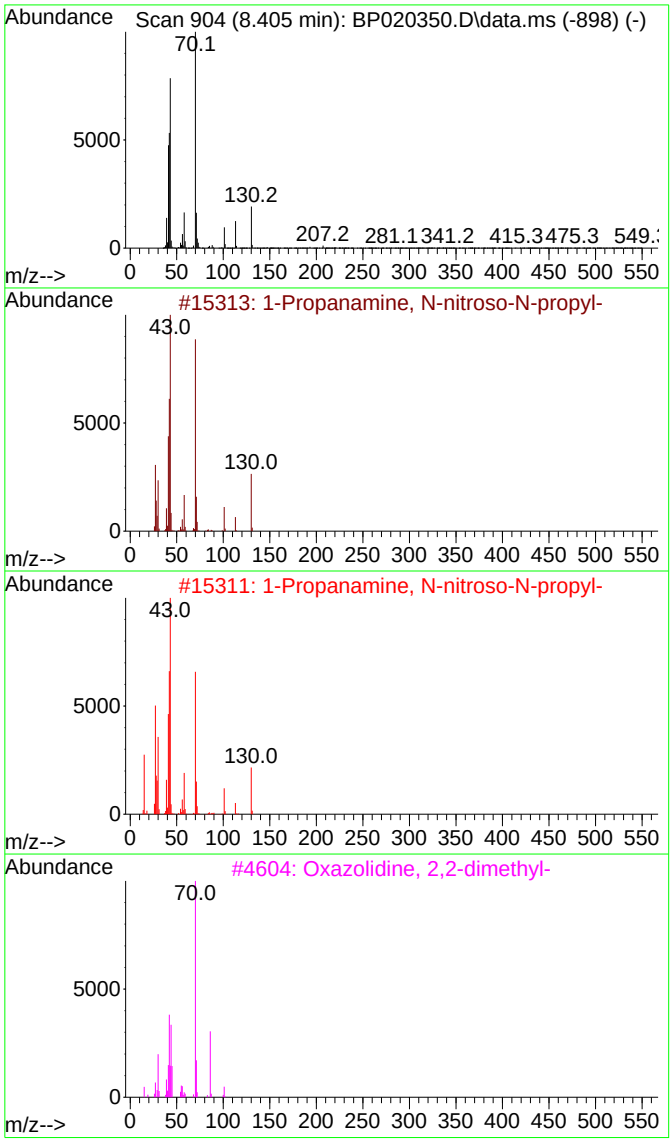
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

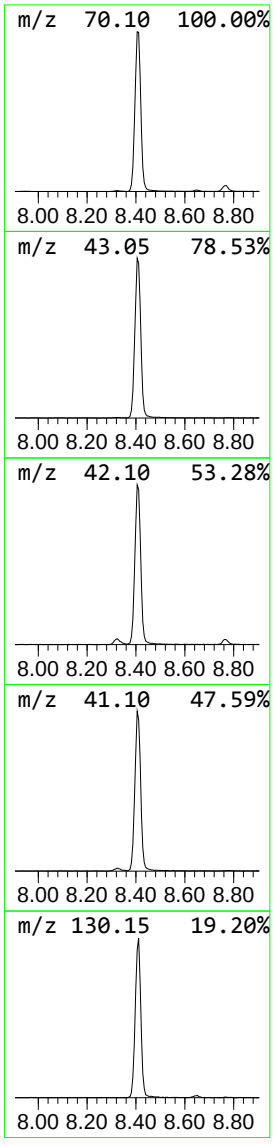
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Propanamine, N-nitroso-N-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.405	101.10 ng/ul	1647620	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	87
2	1-Propanamine, N-nitroso-N-propyl-	130	C6H14N2O	000621-64-7	76
3	Oxazolidine, 2,2-dimethyl-	101	C5H11NO	020515-62-2	58
4	1-Propanamine, N-nitroso-N-propyl-	130	C6H14N2O	000621-64-7	53
5	1-Methyl-4-[2-amino]benzoyl pipe...	219	C12H17N3O	093288-86-9	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

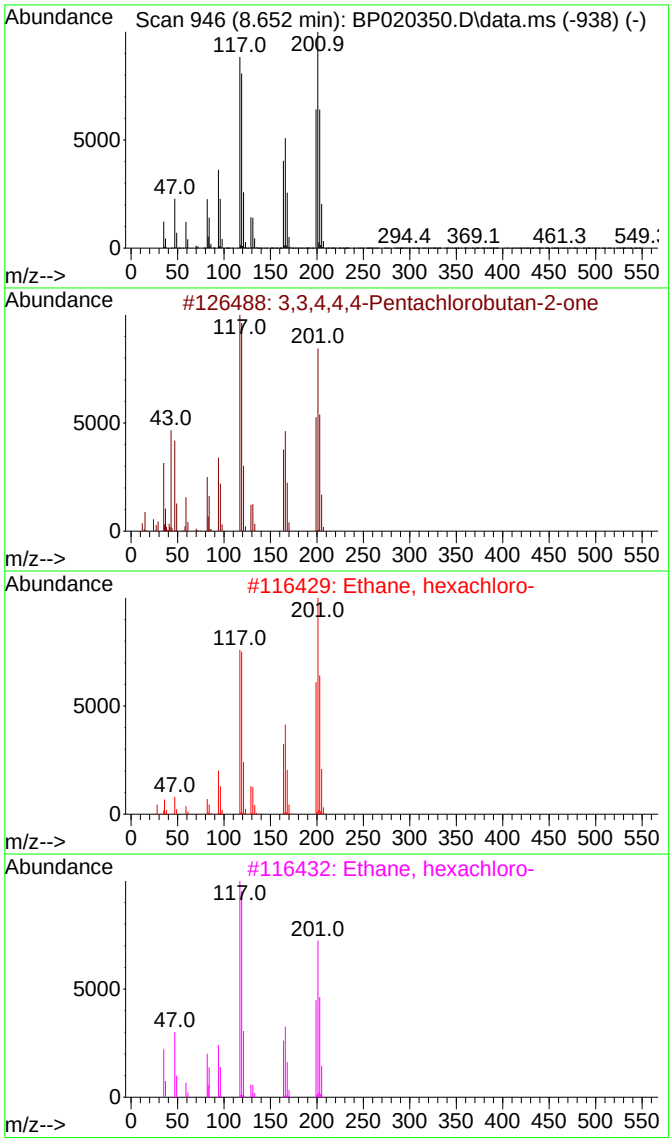
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

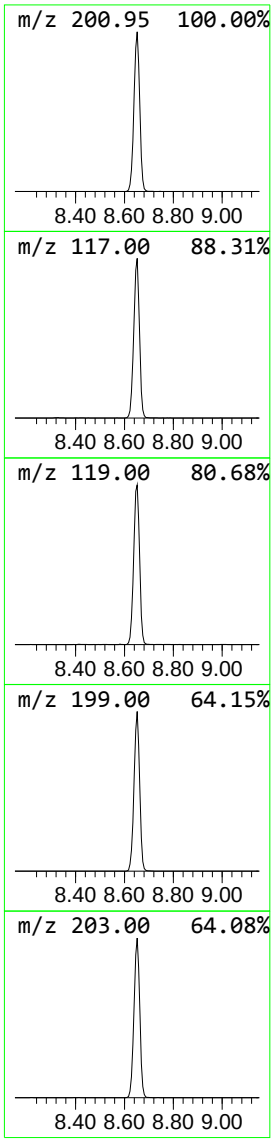
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3,3,4,4,4-Pentachlorobutan-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.652	111.02 ng/ul	1809160	1,4-Dichlorobenzene-d4	7.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3,4,4,4-Pentachlorobutan-2-one	242	C4H3Cl5O	004020-56-8	91
2	Ethane, hexachloro-	234	C2Cl6	000067-72-1	91
3	Ethane, hexachloro-	234	C2Cl6	000067-72-1	91
4	Ethane, hexachloro-	234	C2Cl6	000067-72-1	83
5	Ethane, hexachloro-	234	C2Cl6	000067-72-1	81





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Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

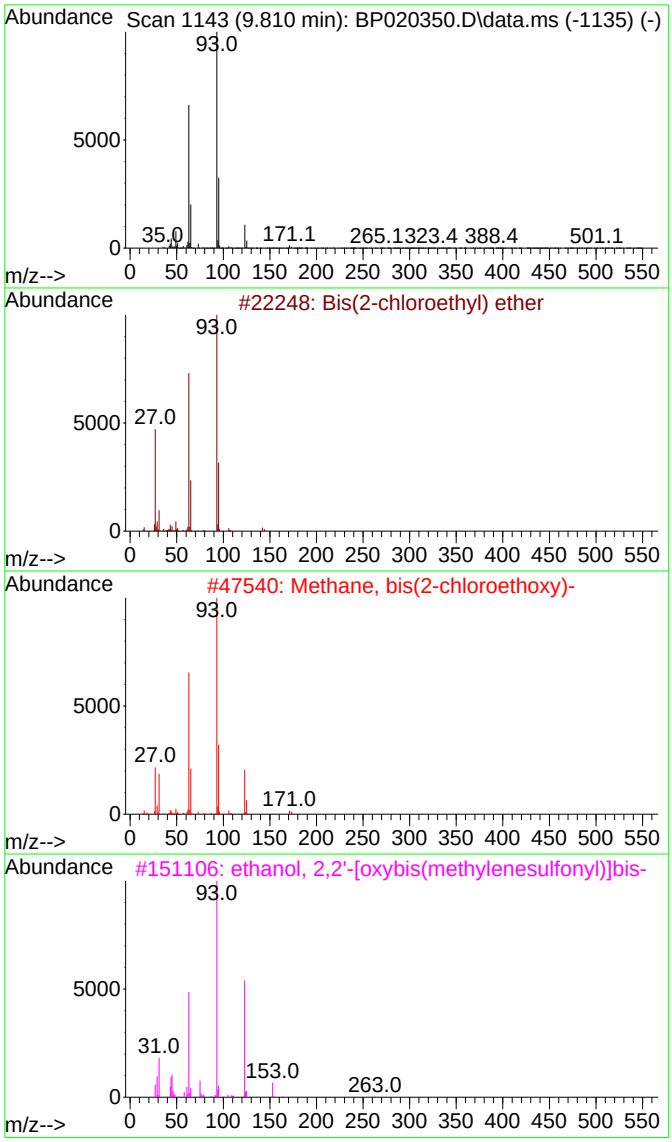
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

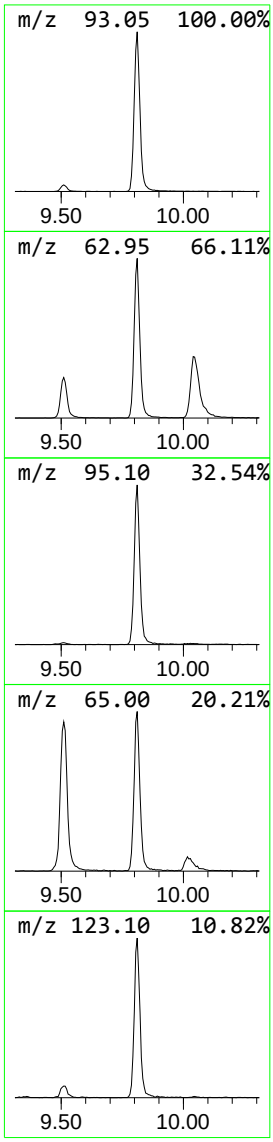
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bis(2-chloroethyl) ether Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	29.45 ng/ul	892381	Naphthalene-d8	10.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	78
2	Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	74
3	ethanol, 2,2'-[oxybis(methylenes...	262	C6H14O7S2	1010401-58-0	72
4	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	64
5	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	64





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Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

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

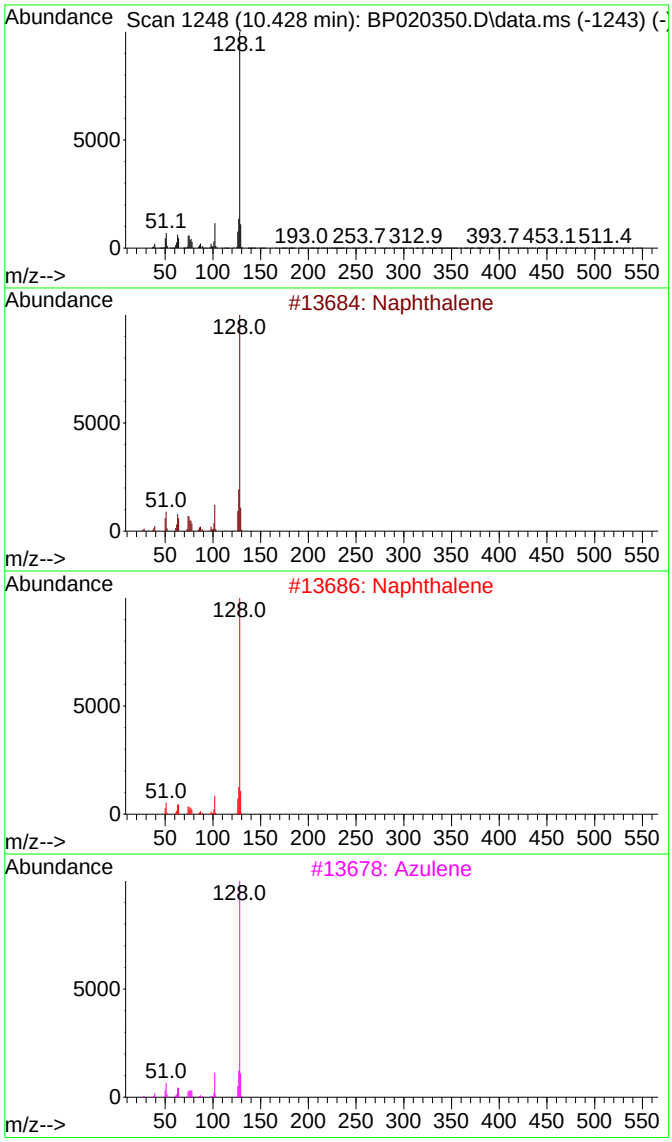
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

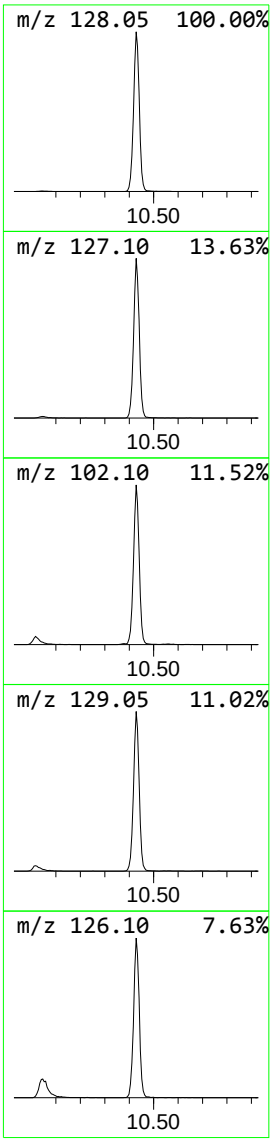
****

Peak Number 7 Naph thalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	133.47 ng/ul	4044510	Naphthalene-d8	10.375

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	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





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Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

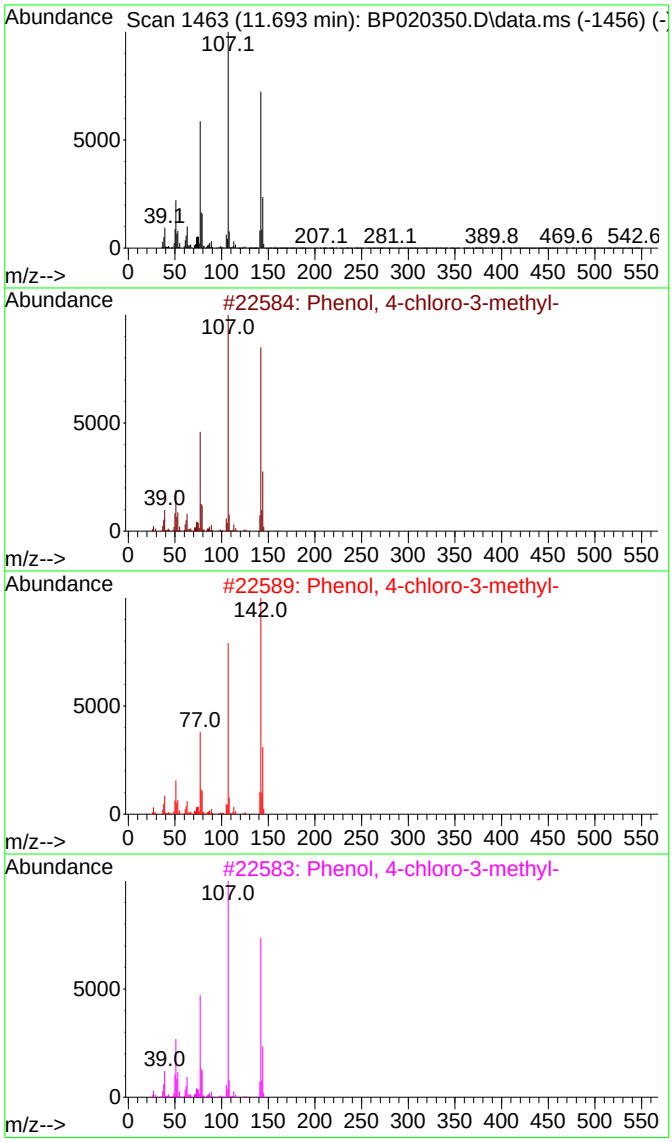
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

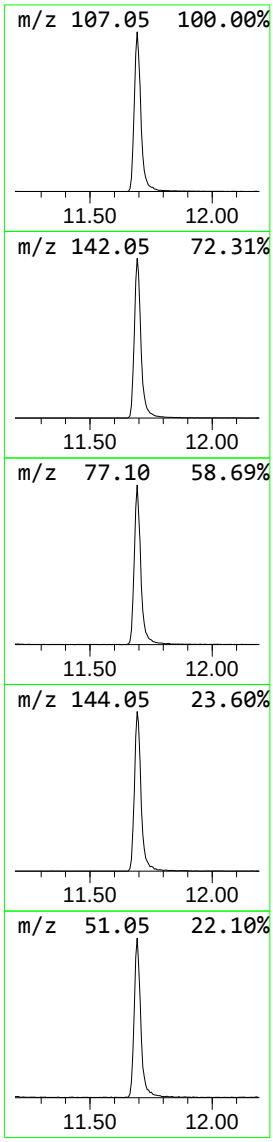
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 4-chloro-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.693	75.28 ng/ul	2281210	Naphthalene-d8	10.375

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	96
3	Phenol, 4-chloro-3-methyl-	142	C7H7ClO	000059-50-7	96
4	Phenol, 4-chloro-3-methyl-	142	C7H7ClO	000059-50-7	95
5	Phenol, 4-chloro-2-methyl-	142	C7H7ClO	001570-64-5	94





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Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

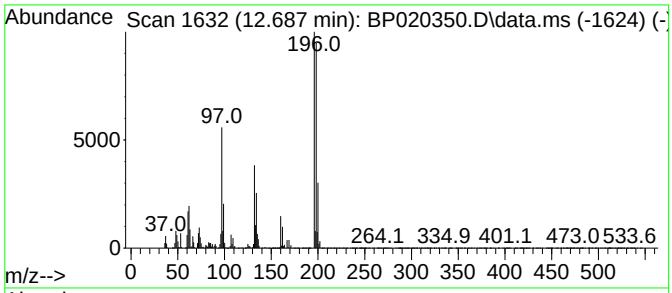
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

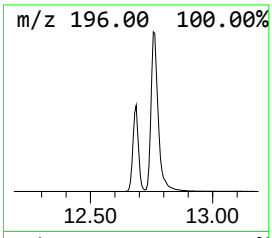
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

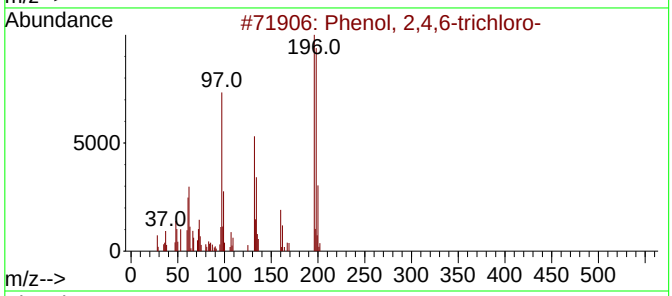
****
Peak Number 9 Phenol, 2,4,6-trichloro- Concentration Rank 19

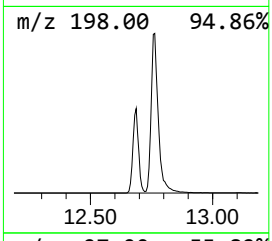
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	37.68 ng/ul	1548060	Acenaphthene-d10	14.275

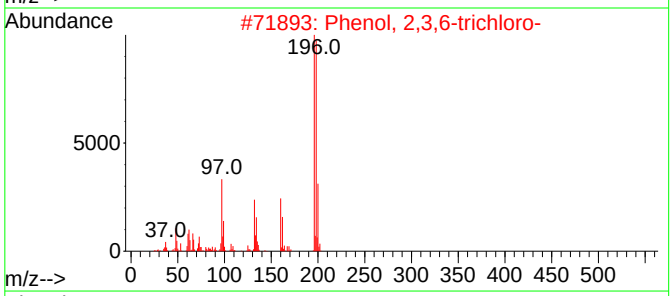
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	99
2	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	95
3	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	94
4	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	94
5	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O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

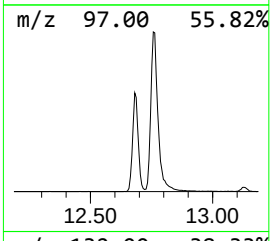


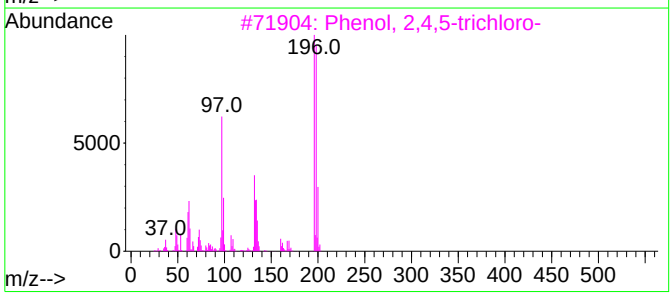


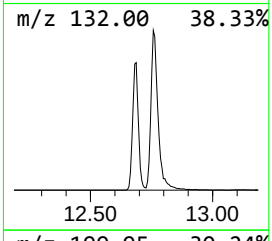


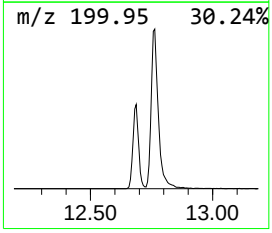












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

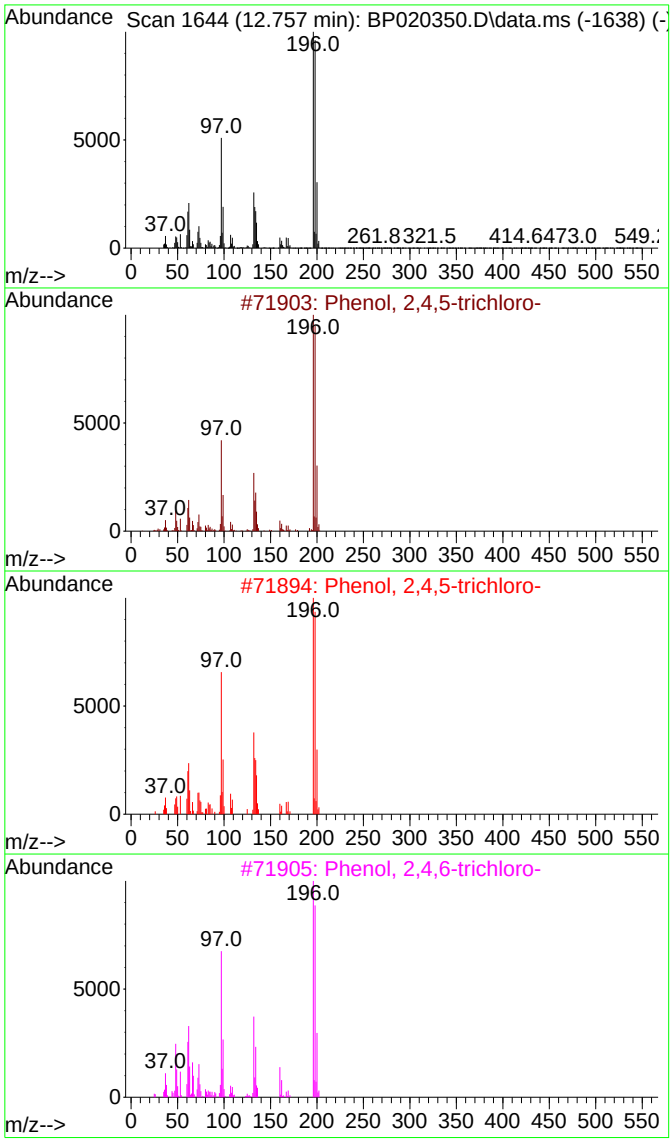
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

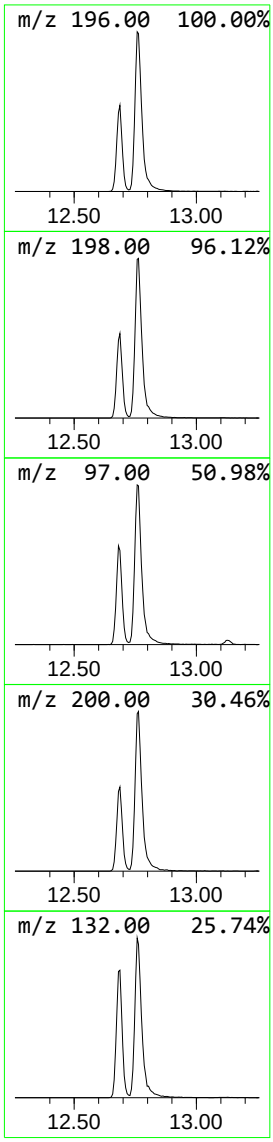
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 2,4,5-trichloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.757	82.74 ng/ul	3399370	Acenaphthene-d10	14.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	94
2	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	94
3	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	94
4	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	94
5	Phenol, 2,3,4-trichloro-	196	C6H3Cl3O	015950-66-0	93





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Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

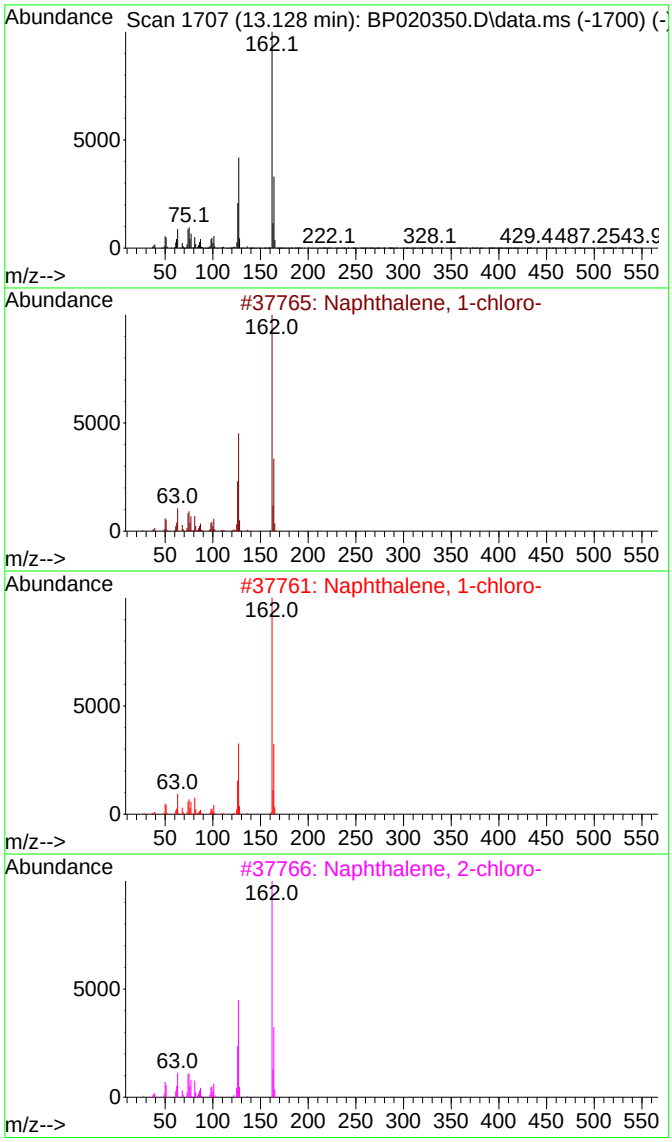
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

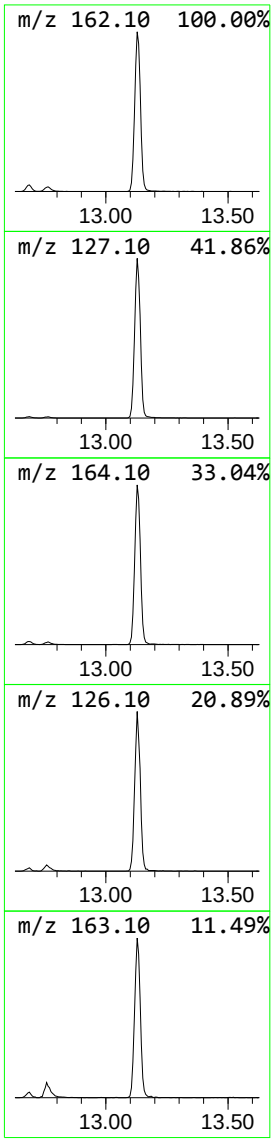
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1-chloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	46.68 ng/ul	1917990	Acenaphthene-d10	14.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-chloro-	162	C10H7Cl	000090-13-1	97
2	Naphthalene, 1-chloro-	162	C10H7Cl	000090-13-1	95
3	Naphthalene, 2-chloro-	162	C10H7Cl	000091-58-7	94
4	Naphthalene, 1-chloro-	162	C10H7Cl	000090-13-1	94
5	Naphthalene, 1-chloro-	162	C10H7Cl	000090-13-1	94





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Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

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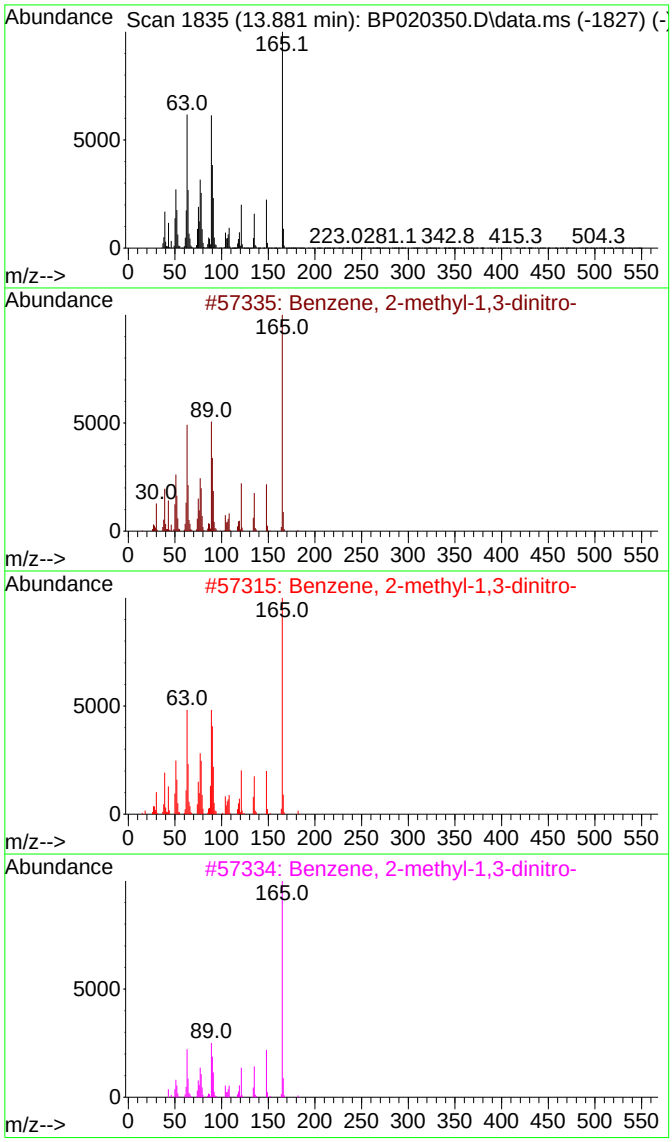
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

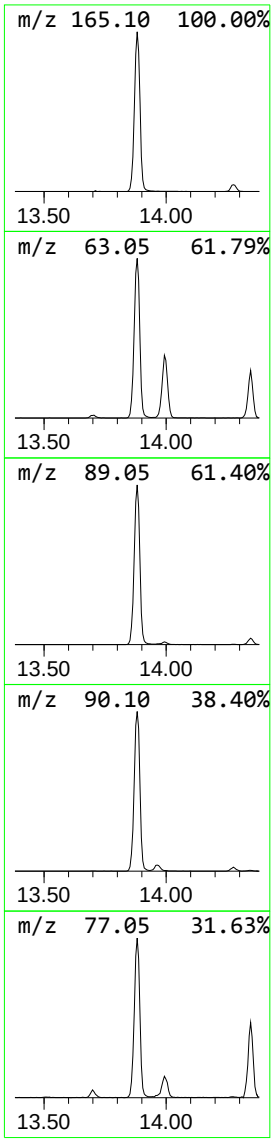
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-methyl-1,3-dinitro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.881	99.99 ng/ul	4107960	Acenaphthene-d10	14.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methyl-1,3-dinitro-	182	C7H6N2O4	000606-20-2	91
2	Benzene, 2-methyl-1,3-dinitro-	182	C7H6N2O4	000606-20-2	91
3	Benzene, 2-methyl-1,3-dinitro-	182	C7H6N2O4	000606-20-2	83
4	3-Methoxyphenyl isothiocyanate	165	C8H7NOS	003125-64-2	38
5	Benzene, 1-(chloromethyl)-2-nitro-	171	C7H6ClNO2	000612-23-7	38





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Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

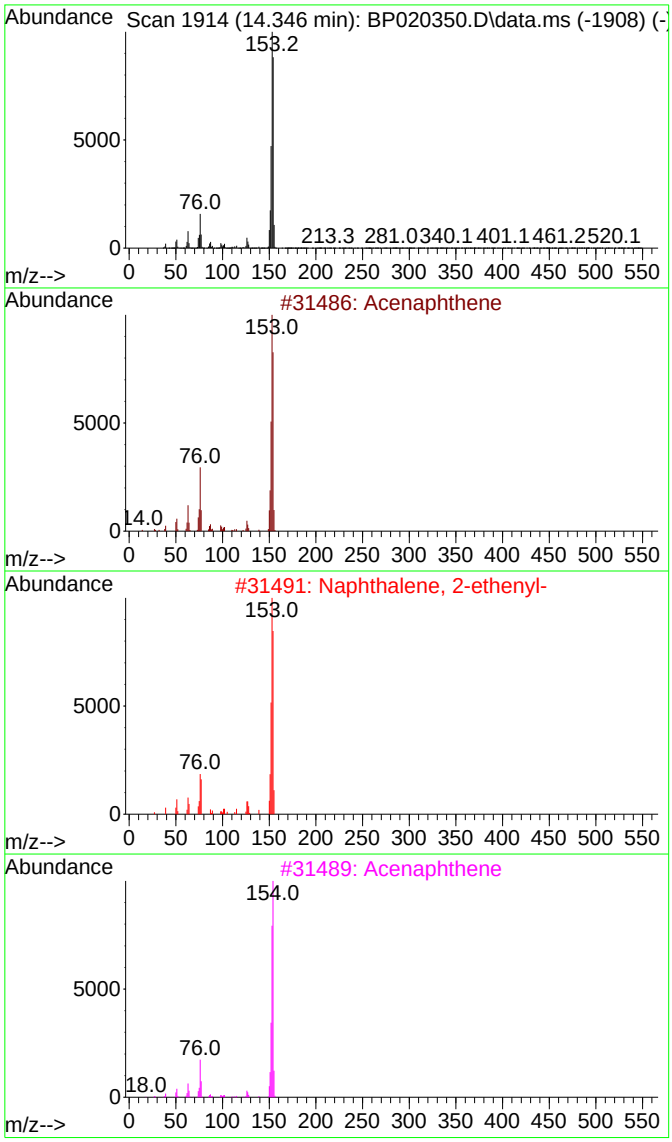
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

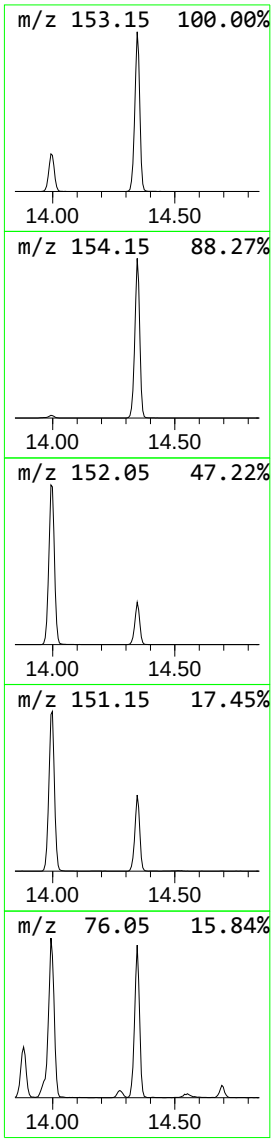
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Acena phthene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.346	103.33 ng/ul	4245050	Acenaphthene-d10	14.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	76
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
3	Acenaphthene	154	C12H10	000083-32-9	64
4	Acenaphthene	154	C12H10	000083-32-9	64
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59





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Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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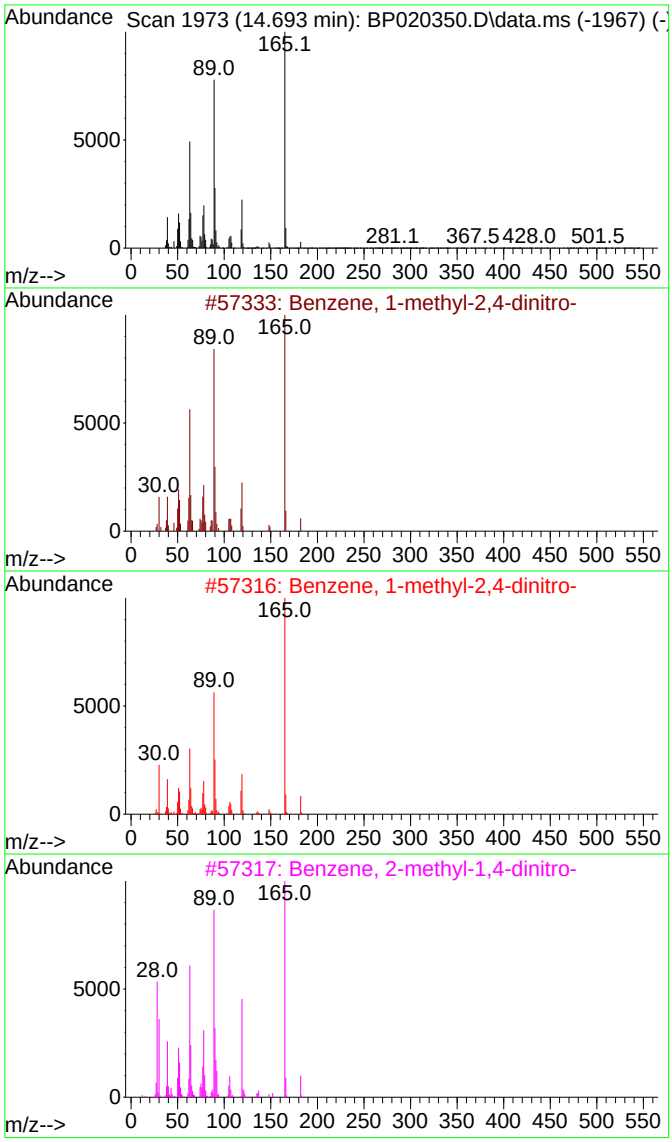
Quant Title : SVOA CALIBRATION

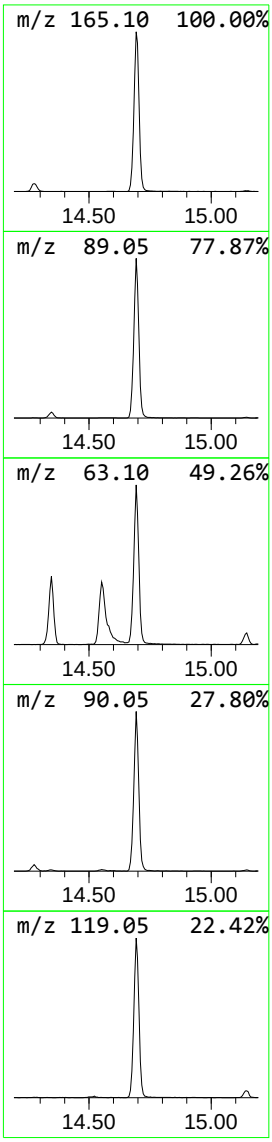
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-2,4-dinitro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.693	59.99 ng/ul	2464710	Acenaphthene-d10	14.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2,4-dinitro-	182	C7H6N2O4	000121-14-2	91
2	Benzene, 1-methyl-2,4-dinitro-	182	C7H6N2O4	000121-14-2	64
3	Benzene, 2-methyl-1,4-dinitro-	182	C7H6N2O4	000619-15-8	56
4	Benzene, 1-methyl-2,4-dinitro-	182	C7H6N2O4	000121-14-2	45
5	Benzene, 1-methyl-2,3-dinitro-	182	C7H6N2O4	000602-01-7	43





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Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

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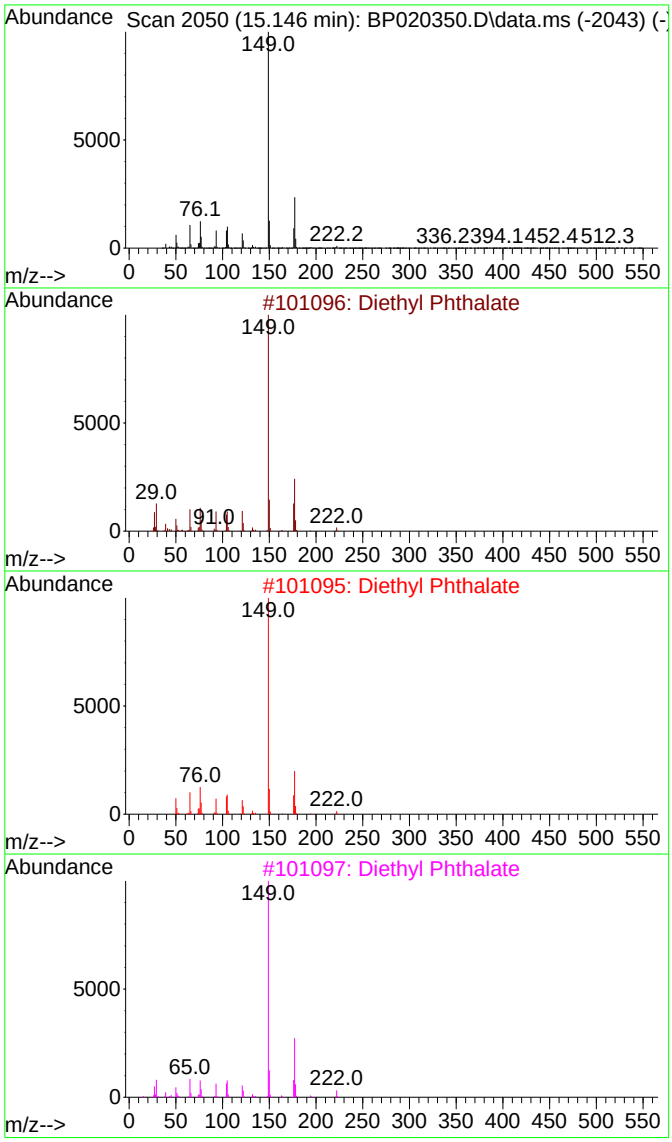
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

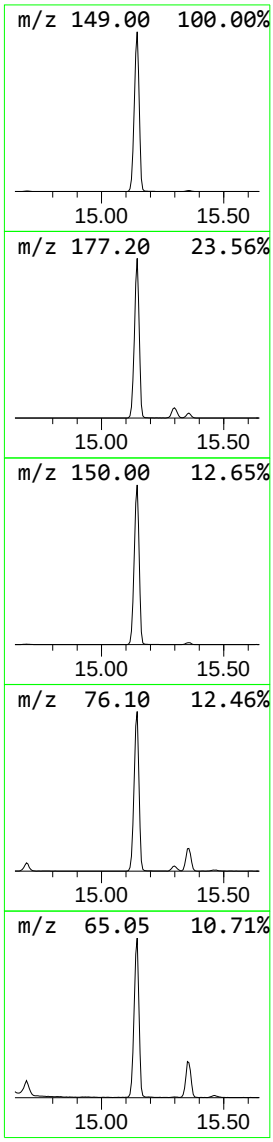
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Diethyl Phthalate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.146	141.09 ng/ul	5796460	Acenaphthene-d10	14.275

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	97
3	Diethyl Phthalate	222	C12H14O4	000084-66-2	92
4	Diethyl Phthalate	222	C12H14O4	000084-66-2	91
5	Phthalic acid, 7-bromoheptyl eth...	370	C17H23BrO4	1000415-51-6	78





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Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

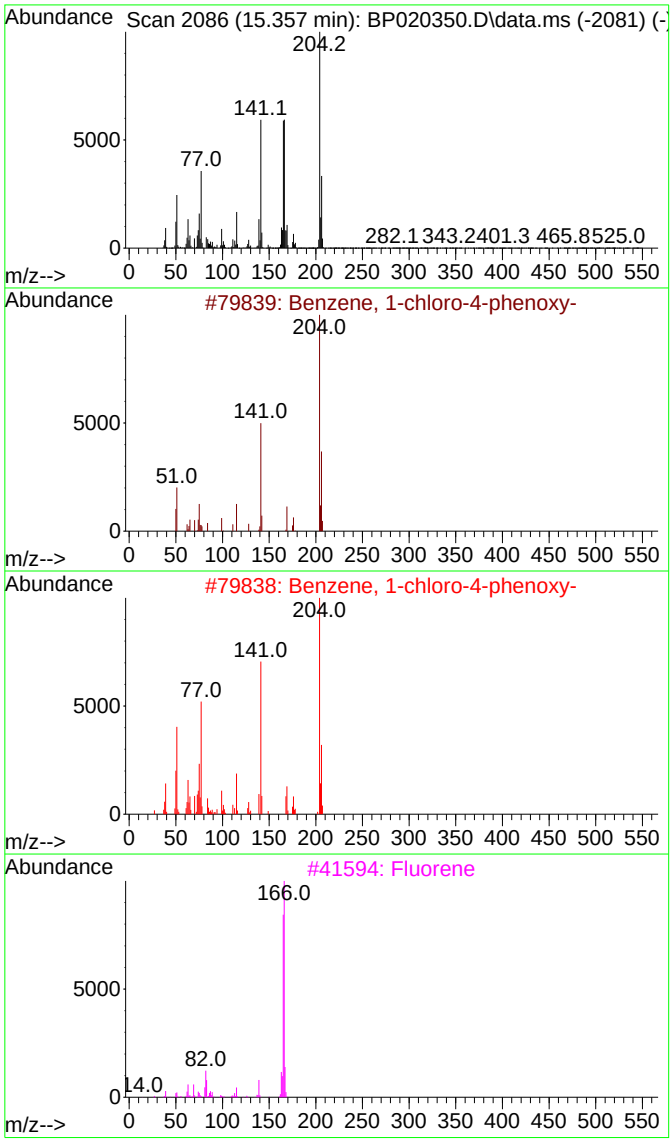
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

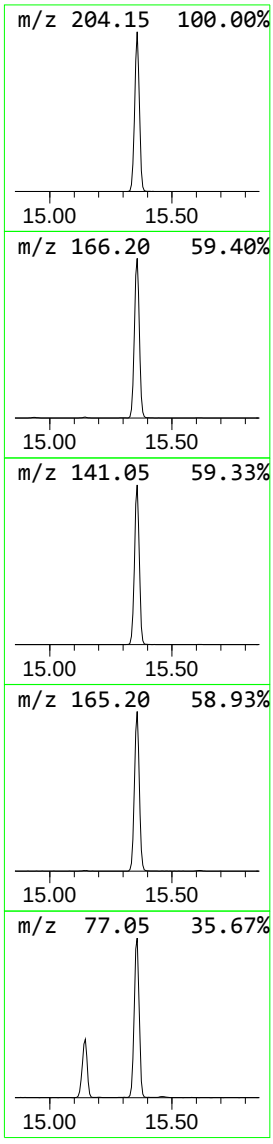
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-chloro-4-phenoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	151.49 ng/ul	6223770	Acenaphthene-d10	14.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	97
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	96
3	Fluorene	166	C13H10	000086-73-7	76
4	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	55
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	49





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Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

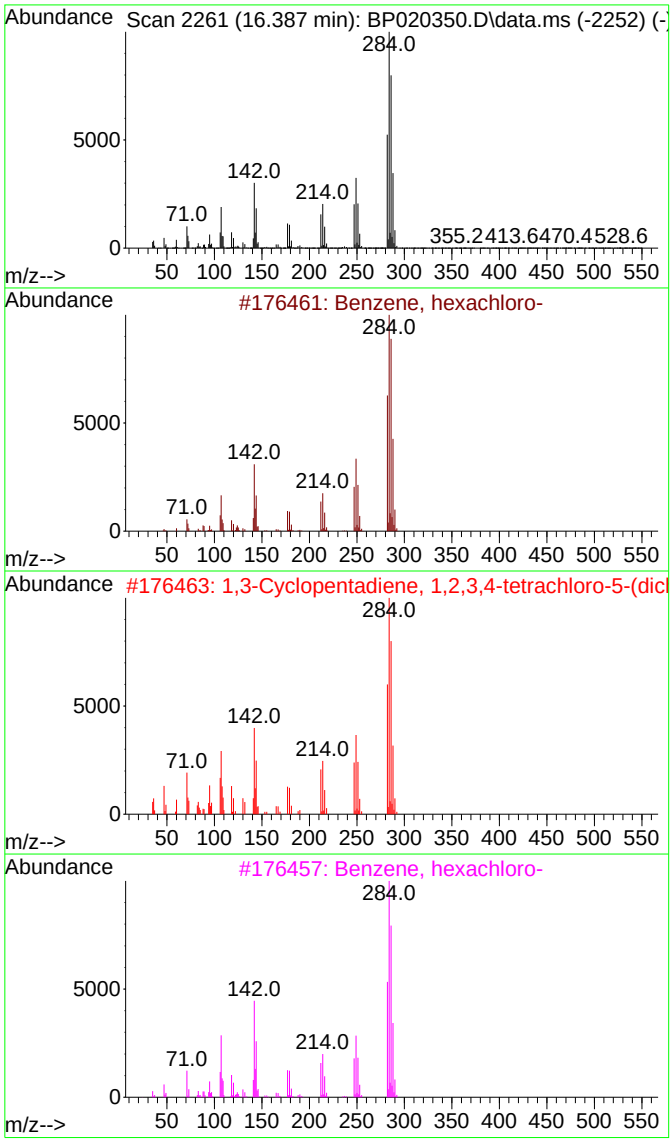
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

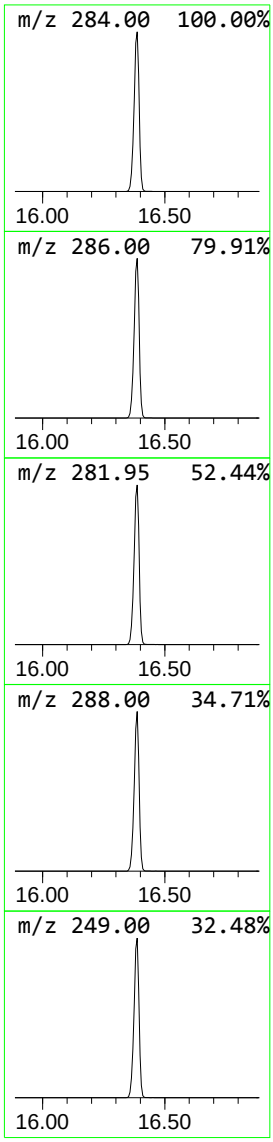
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, hexachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.387	141.06 ng/ul	7629960	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexachloro-	282	C6Cl6	000118-74-1	99
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	282	C6Cl6	006317-25-5	99
3	Benzene, hexachloro-	282	C6Cl6	000118-74-1	98
4	Benzene, hexachloro-	282	C6Cl6	000118-74-1	97
5	Benzene, hexachloro-	282	C6Cl6	000118-74-1	96





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Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

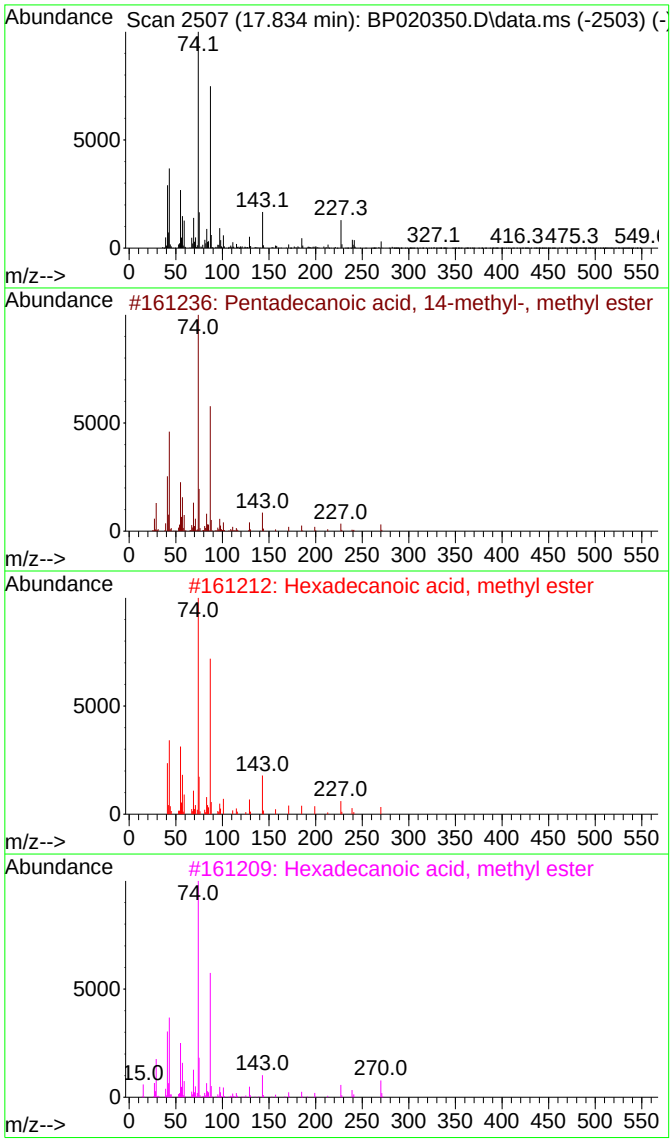
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

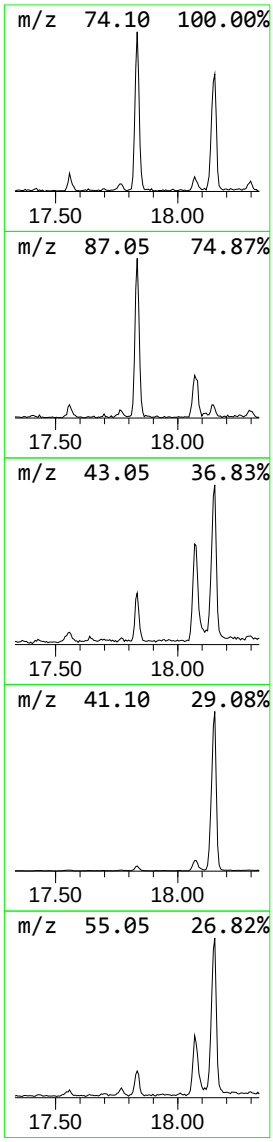
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecanoic acid, 14-meth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.834	2.28 ng/ul	123161	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4	Methyl stearate	298	C19H38O2	000112-61-8	83
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83





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Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

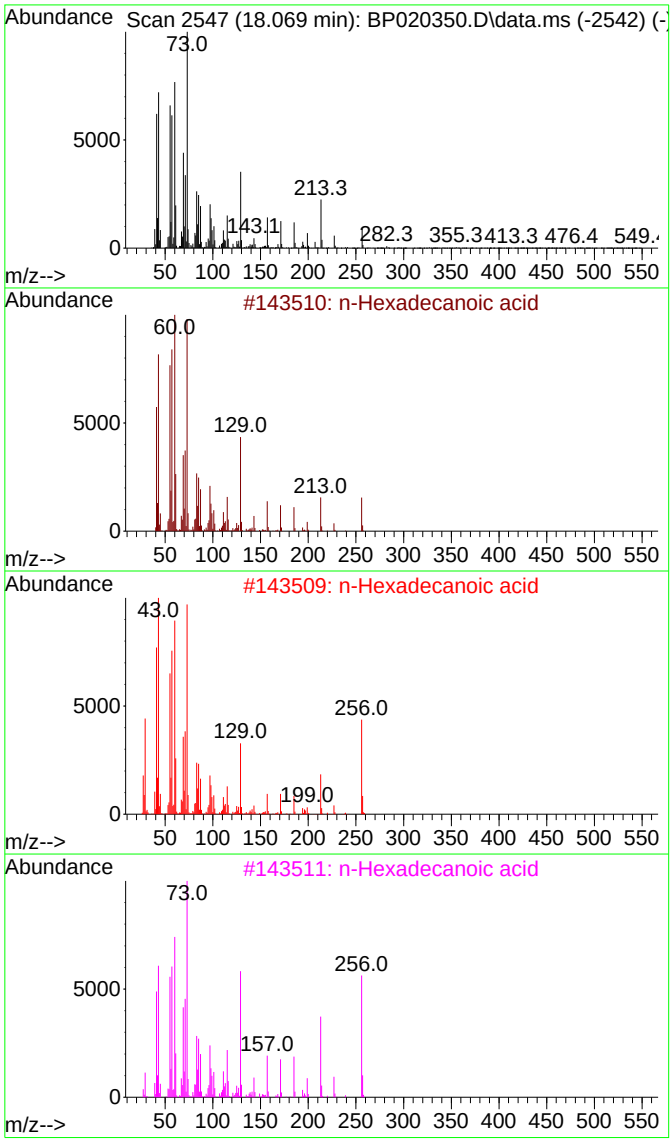
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

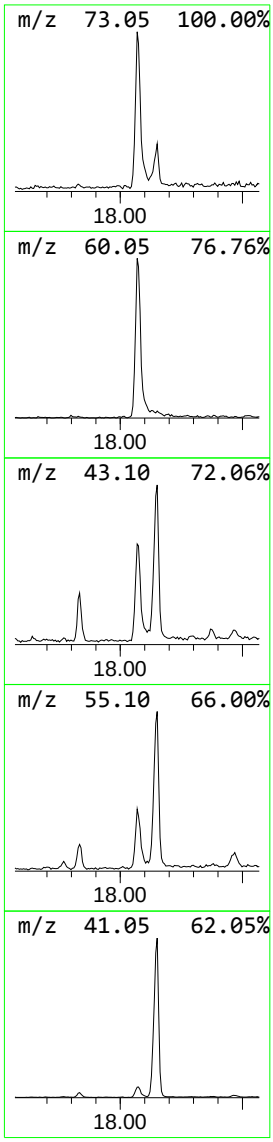
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 n-Hexadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	6.31 ng/ul	341237	Phenanthrene-d10	17.110

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

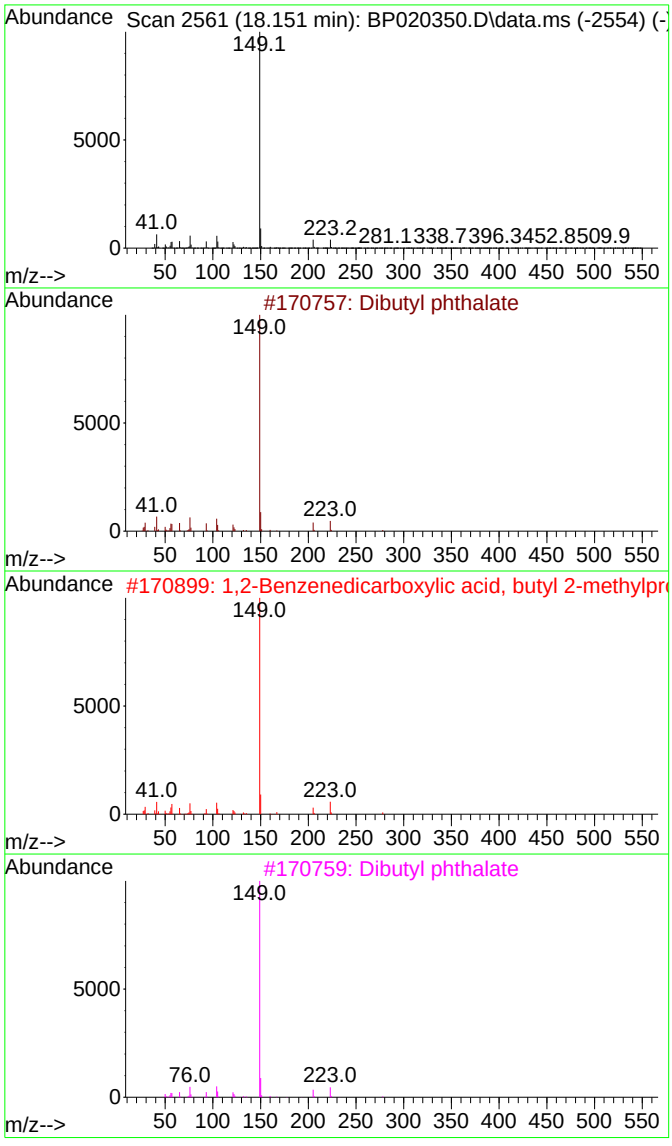
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

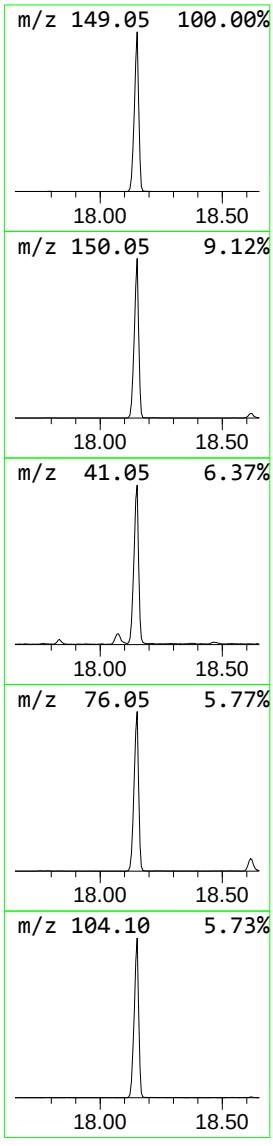
****

Peak Number 20 Dibutyl phthalate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	119.61 ng/ul	6469610	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl phthalate	278	C16H22O4	000084-74-2	94
2	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	94
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	91
4	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	90
5	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	90





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Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

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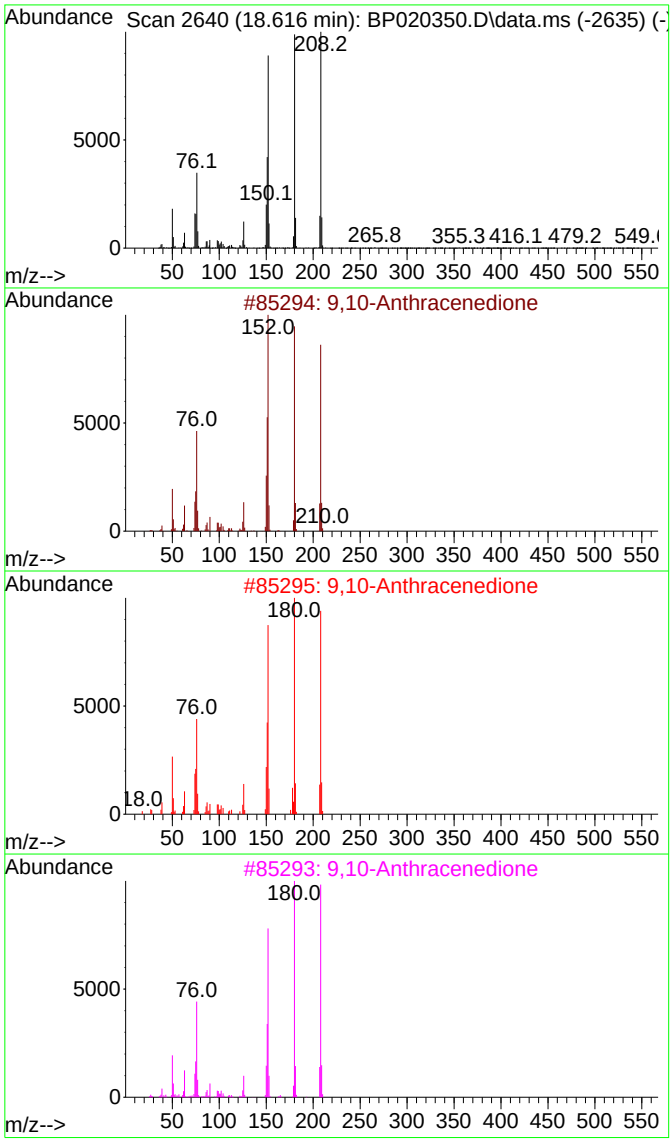
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

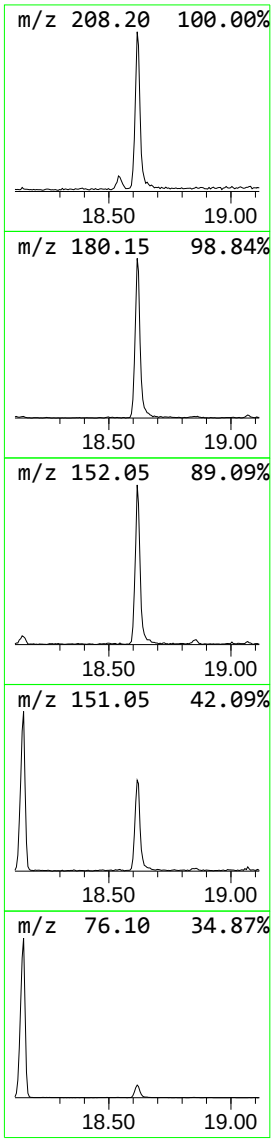
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 9,10-Anthracenedione Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	6.36 ng/ul	344099	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86





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Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

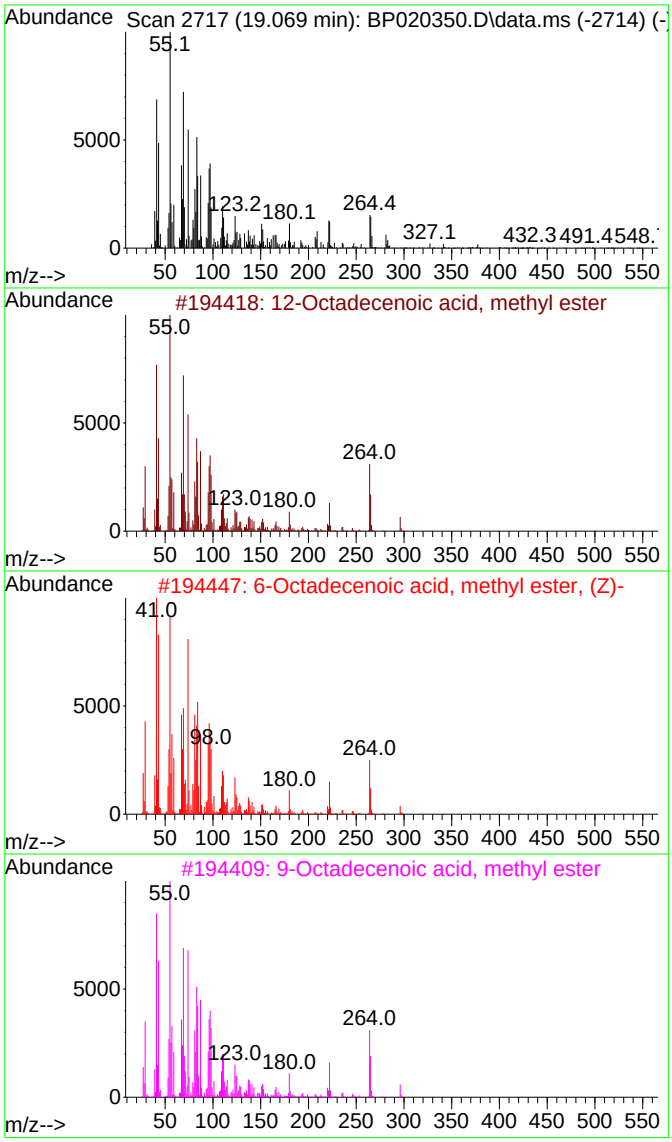
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

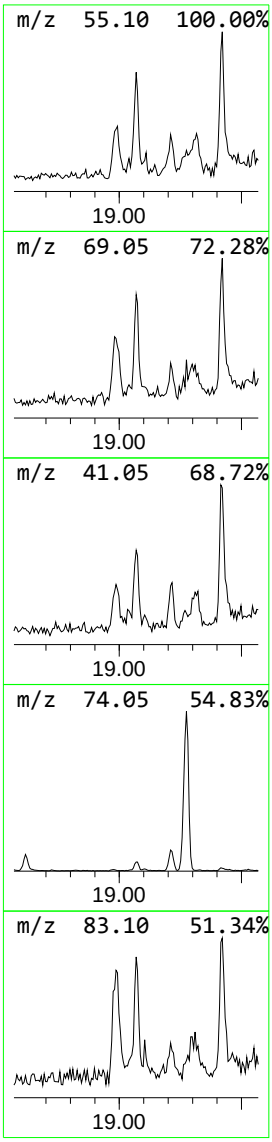
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 12-Octadecenoic acid, methy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	2.12 ng/ul	114505	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	93
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	91
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91





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Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

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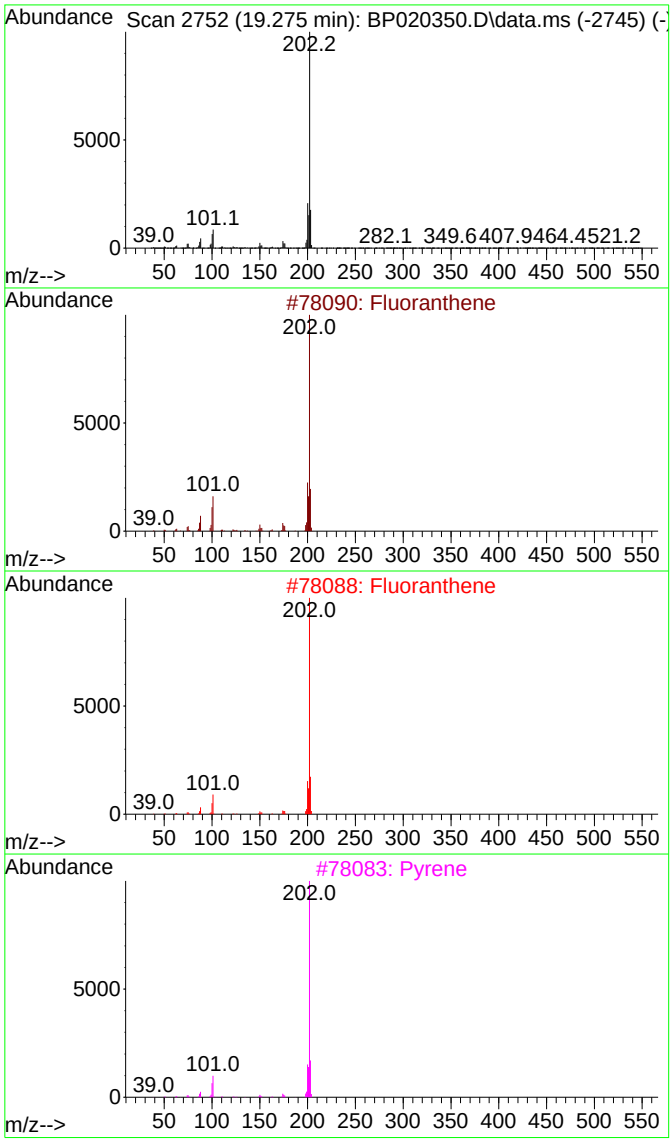
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

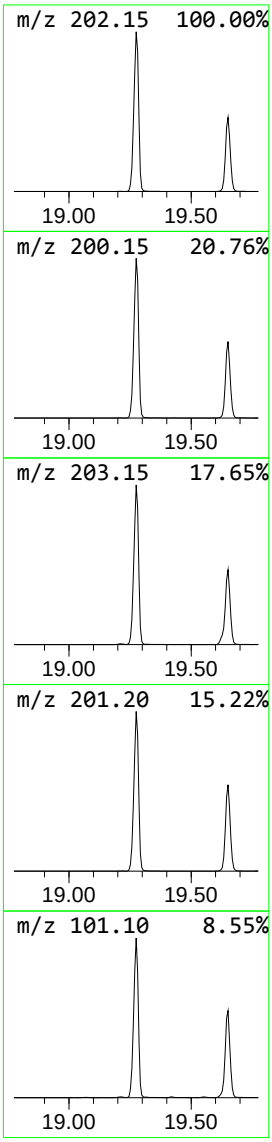
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	169.27 ng/ul	9155830	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	96
3	Pyrene	202	C16H10	000129-00-0	93
4	Pyrene	202	C16H10	000129-00-0	91
5	Pyrene	202	C16H10	000129-00-0	90





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Misc :
ALS Vial : 4 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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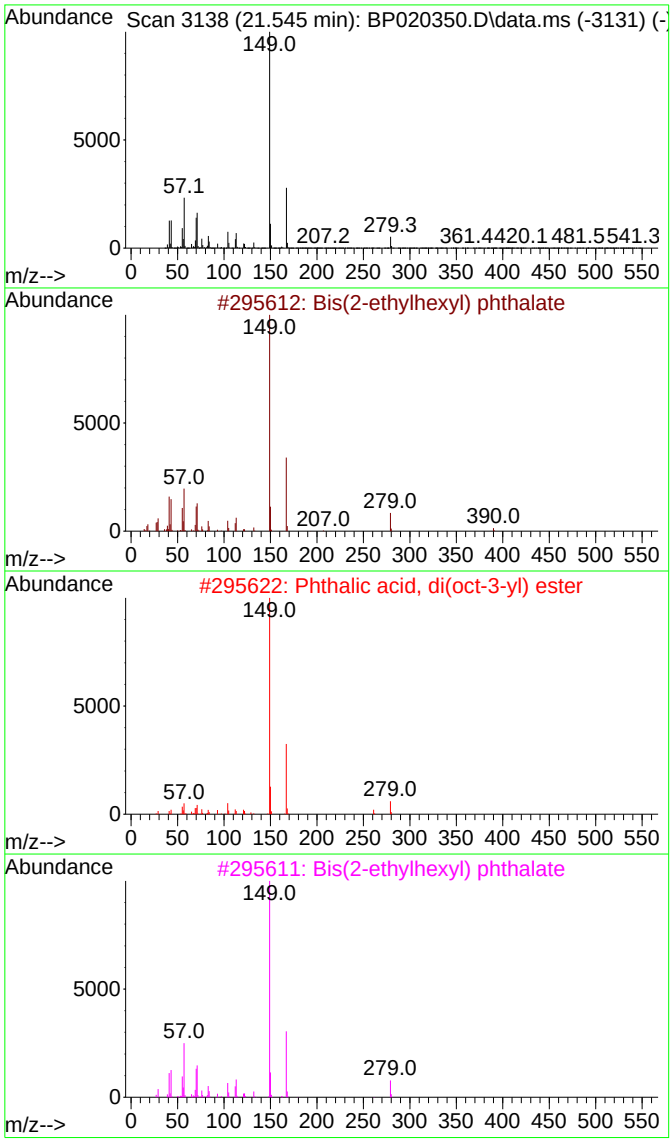
Quant Title : SVOA CALIBRATION

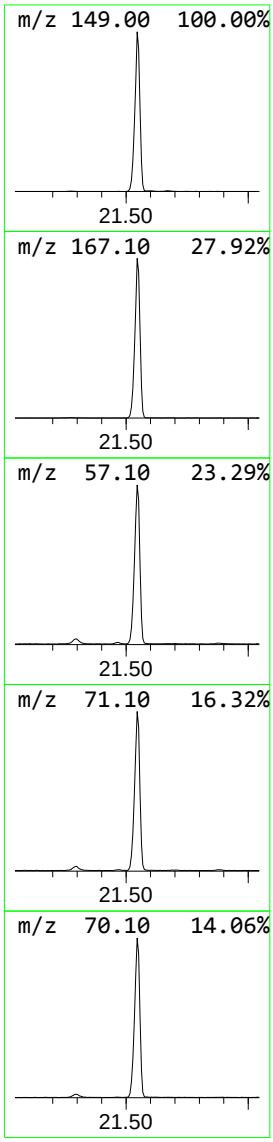
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Bis(2-ethylhexyl) phthalate Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.545	23.87 ng/ul	10024200	Chrysene-d12	21.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	80
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	76
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	72
5	Phthalic acid, 2-ethylhexyl hexy...	362	C22H34O4	1000309-02-5	72





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Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y7

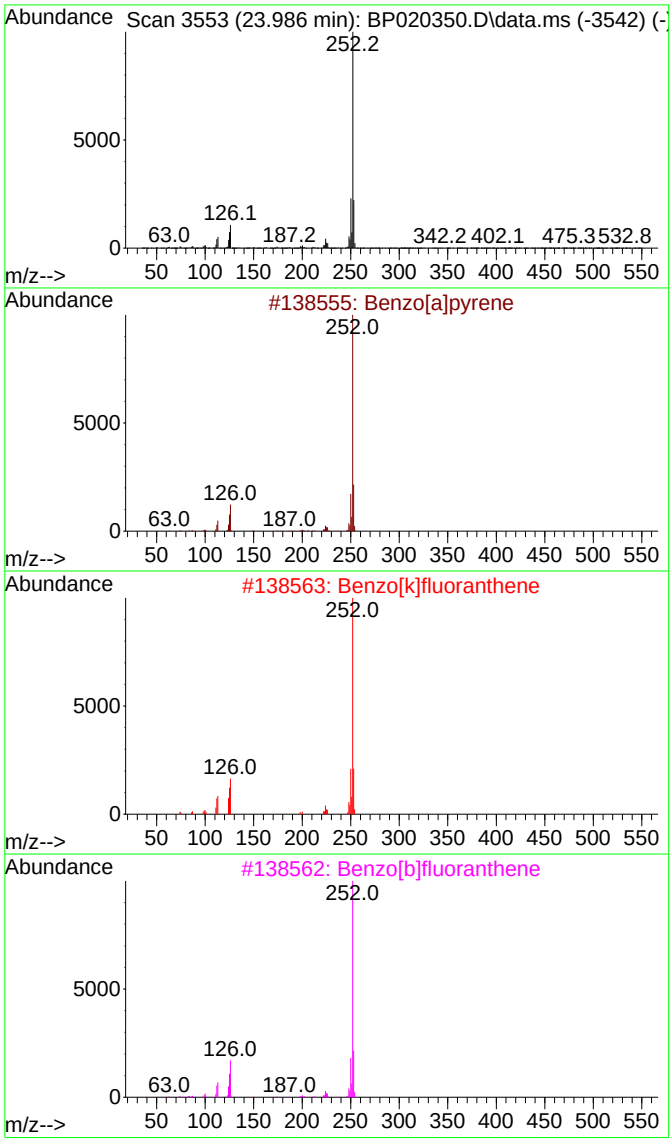
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

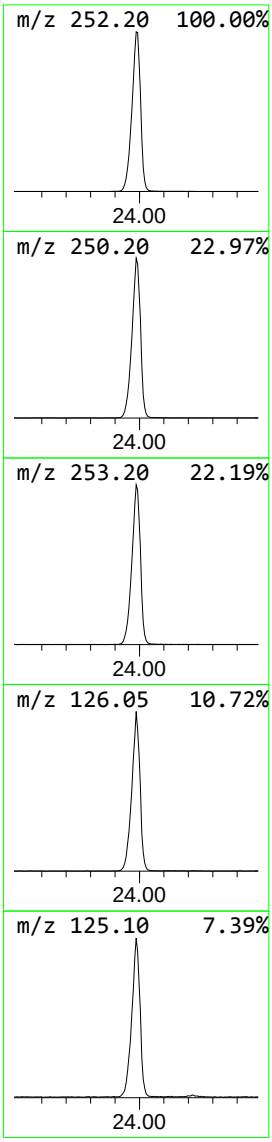
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzo[a]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.986	157.23 ng/ul	10291400	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[e]pyrene	252	C20H12	000192-97-2	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





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Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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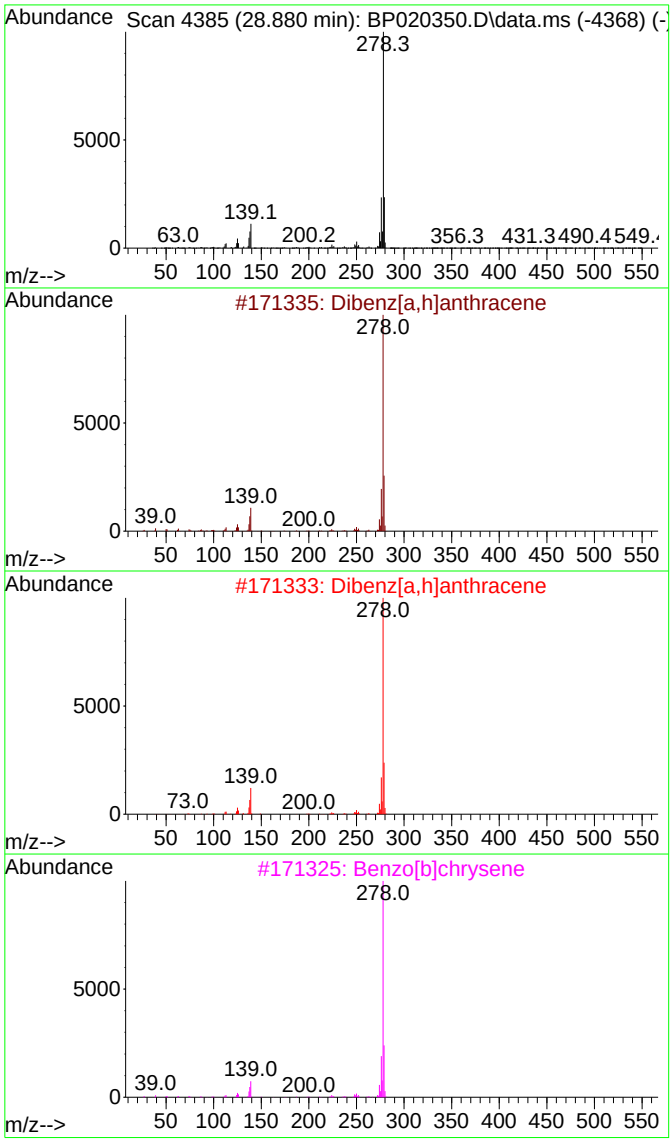
Quant Title : SVOA CALIBRATION

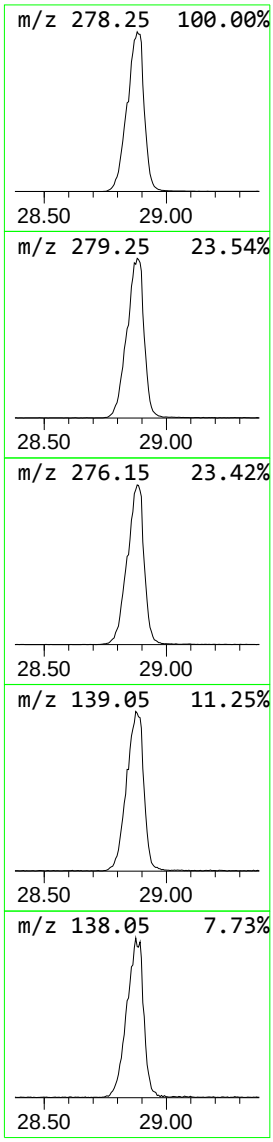
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Dibenz[a,h]anthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.880	106.21 ng/ul	6951540	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	99
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	99
3	Benzo[b]chrysene	278	C22H14	000214-17-5	98
4	Pentaphene	278	C22H14	000222-93-5	97
5	Picene	278	C22H14	000213-46-7	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
Data File : BP020350.D
Acq On : 13 May 2024 09:56
Operator : MA/JU
Sample : P2371-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43Y7

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
Methane, bis(2-...	7.052	27.1	ng/ul	440830	1	7.599	325927	20.0
Benzene, 1,3-di...	7.487	46.0	ng/ul	749365	1	7.599	325927	20.0
Benzene, 1,4-di...	7.946	127.7	ng/ul	2080230	1	7.599	325927	20.0
1-Propanamine, ...	8.405	101.1	ng/ul	1647620	1	7.599	325927	20.0
3,3,4,4,4-Penta...	8.652	111.0	ng/ul	1809160	1	7.599	325927	20.0
Bis(2-chloroeth...	9.810	29.4	ng/ul	892381	2	10.375	606074	20.0
Naph thalene	10.428	133.5	ng/ul	4044510	2	10.375	606074	20.0
Phenol, 4-chlor...	11.693	75.3	ng/ul	2281210	2	10.375	606074	20.0
Phenol, 2,4,6-t...	12.687	37.7	ng/ul	1548060	3	14.275	821685	20.0
Phenol, 2,4,5-t...	12.757	82.7	ng/ul	3399370	3	14.275	821685	20.0
Naphthalene, 1-...	13.128	46.7	ng/ul	1917990	3	14.275	821685	20.0
Benzene, 2-meth...	13.881	100.0	ng/ul	4107960	3	14.275	821685	20.0
Acena phthene	14.346	103.3	ng/ul	4245050	3	14.275	821685	20.0
Benzene, 1-meth...	14.693	60.0	ng/ul	2464710	3	14.275	821685	20.0
Diethyl Phthalate	15.146	141.1	ng/ul	5796460	3	14.275	821685	20.0
Benzene, 1-chlo...	15.357	151.5	ng/ul	6223770	3	14.275	821685	20.0
Benzene, hexach...	16.387	141.1	ng/ul	7629960	4	17.110	1081800	20.0
Pentadecanoic a...	17.834	2.3	ng/ul	123161	4	17.110	1081800	20.0
n-Hexadecanoic ...	18.069	6.3	ng/ul	341237	4	17.110	1081800	20.0
Dibutyl phthalate	18.151	119.6	ng/ul	6469610	4	17.110	1081800	20.0
9,10-Anthracene...	18.616	6.4	ng/ul	344099	4	17.110	1081800	20.0
12-Octadecenoic...	19.069	2.1	ng/ul	114505	4	17.110	1081800	20.0
Fluoran thene	19.275	169.3	ng/ul	9155830	4	17.110	1081800	20.0
Bis(2-ethylhexy...	21.545	23.9	ng/ul	10024200	5	21.622	8399670	20.0
Benzo[a]pyrene	23.986	157.2	ng/ul	10291400	6	24.968	1309080	20.0
Dibenz[a,h]anth...	28.880	106.2	ng/ul	6951540	6	24.968	1309080	20.0