LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

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-BP101421.M
Title : SVOA CALIBRATION

Signal : TIC: BP007439.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	27	rVB	5555968	8555919	36.38%	6.494%
2	3.387	47	51	60	rVB	35627	58355	0.25%	0.044%
3	3.817	119	124	132	rBV	29711	47578	0.20%	0.036%
4	3.911	136	140	145	rBV	57548	74969	0.32%	0.057%
5	4.052	158	164	169	rVB	39763	63548	0.27%	0.048%
6	7.116	679	685	694	rVB	554347	880385	3.74%	0.668%
7	7.287	708	714	722	rBV	463688	723254	3.08%	0.549%
8	7.493	742	749	759	rVB	541352	871805	3.71%	0.662%
9	7.963	822	829	836	rBV	861856	1350457	5.74%	1.025%
10	8.663	942	948	955	rBV	671369	1051127	4.47%	0.798%
11	9.116	1015	1025	1037	rBV	489086	824107	3.50%	0.625%
12	9.840	1142	1148	1156	rVB	337456	562588	2.39%	0.427%
13	10.381	1233	1240	1249	rBV	663006	1124365	4.78%	0.853%
14	10.546	1261	1268	1278	rBV	37697	66128	0.28%	0.050%
15	10.769	1298	1306	1313	rBV	1125209	1896359	8.06%	1.439%
16	10.899	1320	1328	1340	rVV	573726	1078346	4.59%	0.818%
17	12.340	1568	1573	1582	rVV6	28402	73714	0.31%	0.056%
18	12.763	1638	1645	1653	rBV	82633	143986	0.61%	0.109%
19	13.140	1703	1709	1713	rBV2	52906	89878	0.38%	0.068%
20	13.522	1764	1774	1780	rBV2	39763	82718	0.35%	0.063%
21	13.745	1805	1812	1819	rBV	54855	84641	0.36%	0.064%
22	13.834	1819	1827	1832	rBV	48404	71421	0.30%	0.054%
23	14.004	1847	1856	1861	rBV	1097468	1563593	6.65%	1.187%
24	14.287	1894	1904	1914	rBV	1258759	2040426	8.68%	1.549%
25	14.410	1919	1925	1936	rVB	687468	1542294	6.56%	1.171%
26	14.598	1947	1957	1974	rVB	1649049	2592779	11.02%	1.968%
27	14.775	1976	1987	1997	rBV2	486600	1119851	4.76%	0.850%
28	14.875	1997	2004	2008	rBV	35352	56370	0.24%	0.043%
29	15.004	2020	2026	2035	rVB	1249242	1710294	7.27%	1.298%
30	15.122	2040	2046	2053	rVB2	441821	673113	2.86%	0.511%
31	15.292	2067	2075	2077	rBV	32278	61515	0.26%	0.047%
32	15.334	2077	2082	2088	rVB	525235	770192	3.27%	0.585%
33	15.592	2119	2126	2133	rVV	1584618	2360260	10.04%	1.791%
34	15.692	2137	2143	2145	rVV3	414775	639308	2.72%	0.485%
35	15.734	2145	2150	2161	rVB	2883042	4148961	17.64%	3.149%
36	15.851	2163	2170	2173	rVV5	76352	165430	0.70%	0.126%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

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-BP101421.M
Title : SVOA CALIBRATION

37	15.892	2173	2177	2182	rVV	234096	353897	1.50%	0.269%
38	15.957	2182	2188	2196	rVB	997989	1729573	7.35%	1.313%
39	16.151	2214	2221	2228	rBV6	50410	109493	0.47%	0.083%
40	16.386	2253	2261	2267	rBV	14241319	23518203	100.00%	17.850%
41	16.434	2267	2269	2275	rVV	67095	84459	0.36%	0.064%
42	16.516	2279	2283	2286	rVV	36700	46857	0.20%	0.036%
43	16.557	2286	2290	2297	rVB	223713	302762	1.29%	0.230%
44	16.675	2303	2310	2316	rBV	5943826	8639160	36.73%	6.557%
45	16.722	2316	2318	2327	rVV6	51407	89968	0.38%	0.068%
46	16.810	2327	2333	2342	rVV	763476	1129825	4.80%	0.858%
47	16.886	2342	2346	2352	rVB5	35344	51193	0.22%	0.039%
48	17.033	2362	2371	2377	rBV	11247648	19533600	83.06%	14.826%
49	17.098	2377	2382	2387	rVB2	215811	297725	1.27%	0.226%
50	17.198	2393	2399	2404	rBV	862484	1184627	5.04%	0.899%
51	17.351	2416	2425	2431	rBV	1925799	2963946	12.60%	2.250%
52	17.451	2436	2442	2447	rVV	1696785	2421358	10.30%	1.838%
53	17.498	2447	2450	2454	rVV3	66463	100434	0.43%	0.076%
54	17.533	2454	2456	2461	rVV5	32688	50465	0.21%	0.038%
55	17.622	2468	2471	2478	rVB8	32989	58761	0.25%	0.045%
56	17.722	2481	2488	2492	rBV6	29345	59973	0.26%	0.046%
57	17.775	2493	2497	2499	rVV5	28922	43698	0.19%	0.033%
58	17.928	2518	2523	2537	rVB2	502532	908716	3.86%	0.690%
59	18.075	2543	2548	2553	rVB3	57149	92036	0.39%	0.070%
60	18.198	2563	2569	2573	rBV	456285	653309	2.78%	0.496%
61	18.245	2573	2577	2584	rVB4	197846	301146	1.28%	0.229%
62	18.410	2600	2605	2611	rBV2	200017	348848	1.48%	0.265%
63	18.469	2611	2615	2619	rVV2	111368	169076	0.72%	0.128%
64	18.510	2619	2622	2626	rVB	81849	91253	0.39%	0.069%
65	18.680	2645	2651	2657	rBV2	206883	458988	1.95%	0.348%
66	18.733	2657	2660	2664	rVV3	138264	193388	0.82%	0.147%
67	18.816	2671	2674	2677	rVV	47106	58773	0.25%	0.045%
68	18.851	2677	2680	2682	rVV	126769	162970	0.69%	0.124%
69	18.880	2682	2685	2689	rVV	470407	598590	2.55%	0.454%
70	18.922	2689	2692	2701	rVB6	120266	231208	0.98%	0.175%
71	19.151	2727	2731	2735	rBV	153513	191624	0.81%	0.145%
72	19.198	2735	2739	2742	rVV	323455	417215	1.77%	0.317%
73	19.233	2742	2745	2752	rVB2	313532	418706	1.78%	0.318%
74	19.357	2762	2766	2774	rBV	203210	262656	1.12%	0.199%
75	19.439	2774	2780	2784	rBV4	168408	381373	1.62%	0.289%
76	19.475	2784	2786	2788	rVV	125462	151790	0.65%	0.115%

LSC Area Percent Report

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Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

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-BP101421.M
Title : SVOA CALIBRATION

77	19.498	2788	2790	2797	rVB3	157579	209876	0.89%	0.159%
78	19.563	2797	2801	2804	rBV4	88474	124254	0.53%	0.094%
79	19.680	2816	2821	2831	rBV2	2170006	2957439	12.58%	2.245%
80	19.757	2831	2834	2839	rVB4	49582	59296	0.25%	0.045%
81	19.857	2847	2851	2859	rVB	741873	1023025	4.35%	0.776%
82	19.933	2860	2864	2868	rVB2	167297	217182	0.92%	0.165%
83	20.016	2876	2878	2882	rBV4	37217	57007	0.24%	0.043%
84	20.239	2912	2916	2919	rBV2	127082	153196	0.65%	0.116%
85	20.533	2963	2966	2970	rVB2	132900	183727	0.78%	0.139%
86	20.669	2986	2989	2992	rVB	152503	156067	0.66%	0.118%
87	20.710	2993	2996	3003	rBV	389035	481849	2.05%	0.366%
88	20.798	3009	3011	3014	rBV	55811	63624	0.27%	0.048%
89	20.833	3014	3017	3023	rVB	202594	251277	1.07%	0.191%
90	20.916	3028	3031	3036	rVB3	145017	190227	0.81%	0.144%
91	21.033	3046	3051	3055	rBV2	385200	503099	2.14%	0.382%
92	21.157	3069	3072	3075	rBV3	341077	419871	1.79%	0.319%
93	21.327	3097	3101	3109	rVB	1026935	1237337	5.26%	0.939%
94	21.439	3114	3120	3124	rBV	2376378	3386036	14.40%	2.570%
95	21.721	3165	3168	3171	rBV2	116960	156040	0.66%	0.118%
96	22.016	3214	3218	3225	rVB3	797675	1170257	4.98%	0.888%
97	23.733	3503	3510	3521	rVB	1580134	3442096	14.64%	2.613%
98	23.839	3525	3528	3531	rVV	226919	404460	1.72%	0.307%
99	23.892	3532	3537	3548	rVB2	1565584	3390002	14.41%	2.573%
100	24.768	3679	3686	3696	rVB	1482099	3434628	14.60%	2.607%

Sum of corrected areas: 131753548

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
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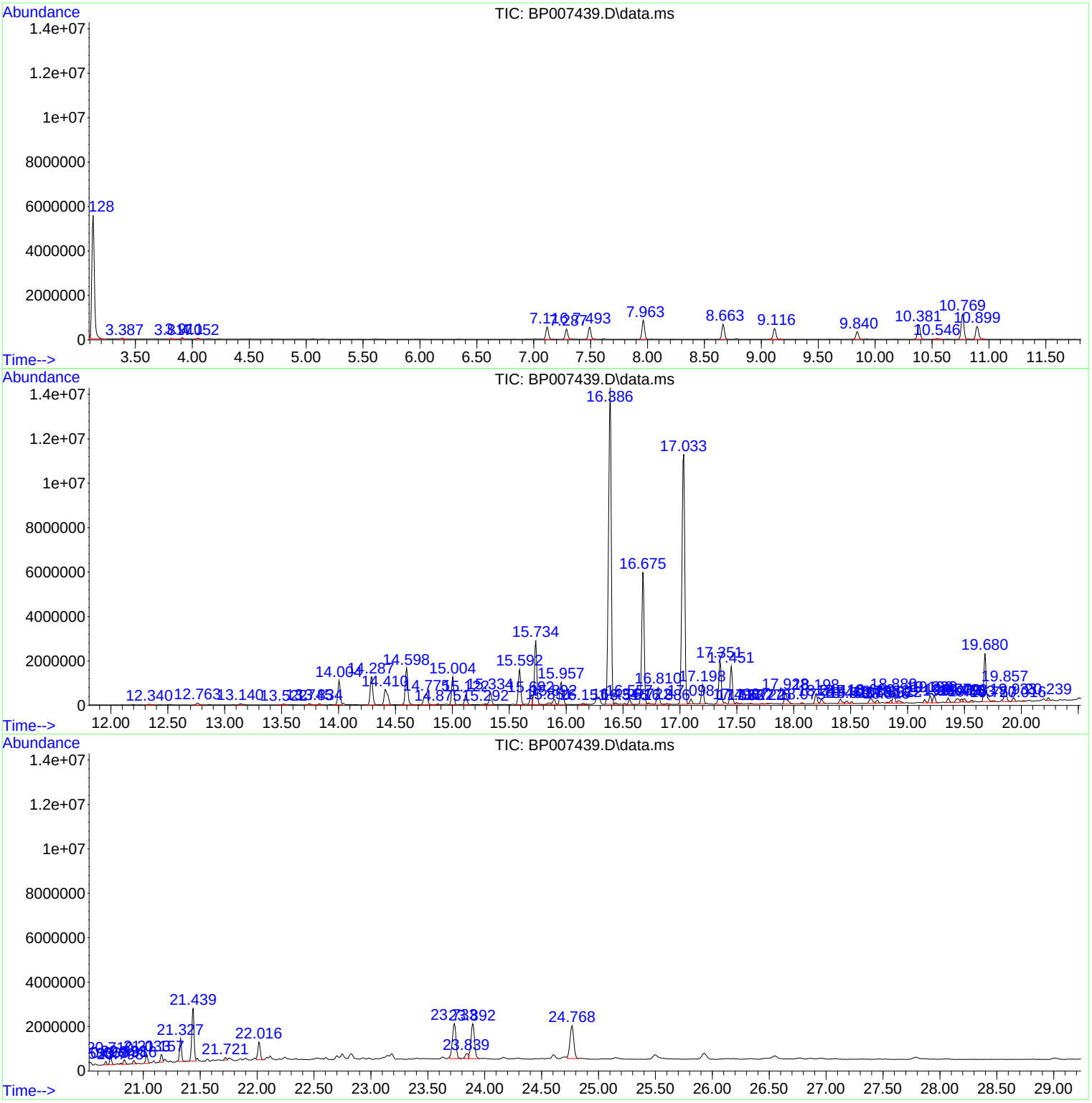
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

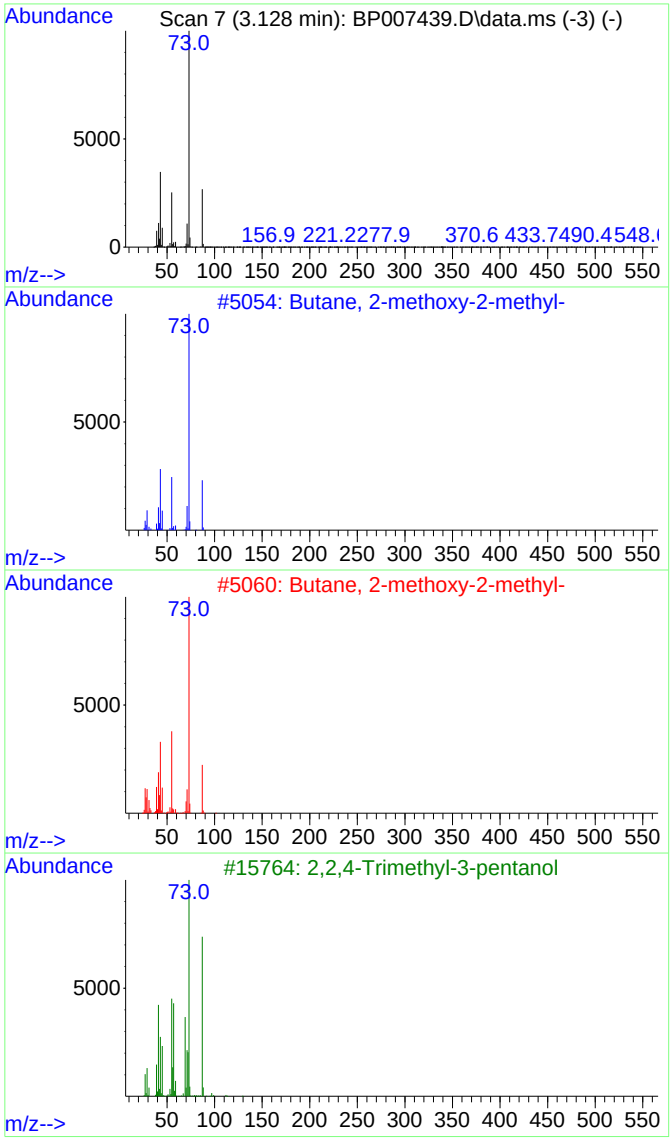
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

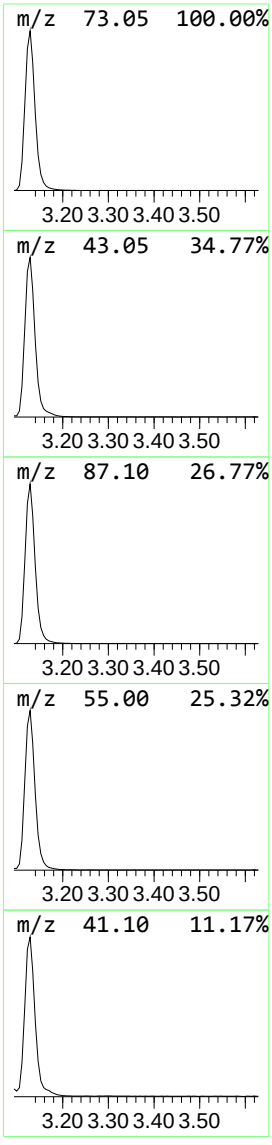
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	126.71 ng/ul	8555920	1,4-Dichlorobenzene-d4	7.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
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Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

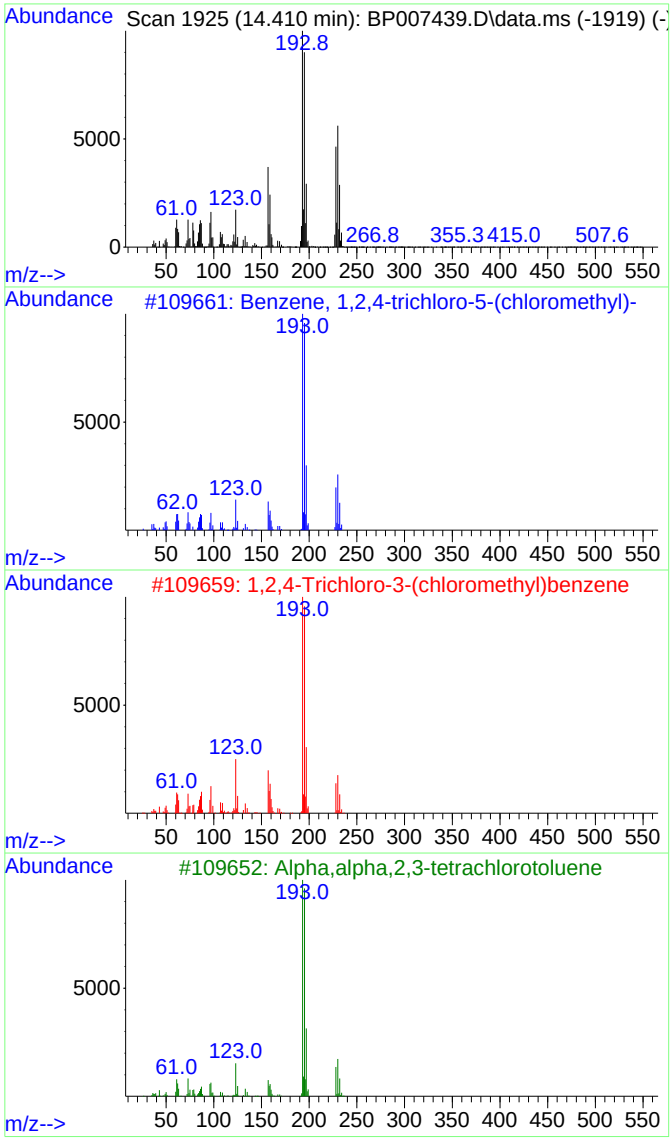
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

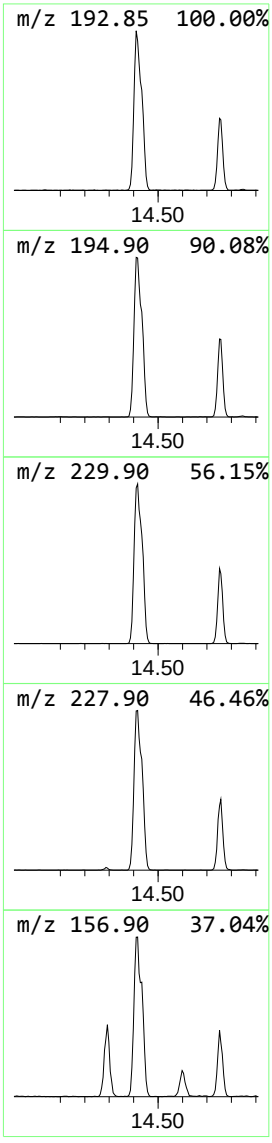
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,4-trichloro-5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.410	11.90 ng/ul	1542290	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-5-(chlo...	228	C7H4Cl4	003955-26-8	93
2	1,2,4-Trichloro-3-(chloromethyl)...	228	C7H4Cl4	001424-79-9	58
3	Alpha,alpha,2,3-tetrachlorotoluene	228	C7H4Cl4	057058-14-7	58
4	Benzene, 1-chloro-2-(trichlorome...	228	C7H4Cl4	002136-89-2	52
5	Benzene, 1-chloro-2-(trichlorome...	228	C7H4Cl4	002136-89-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
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Instrument : BNA_P
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

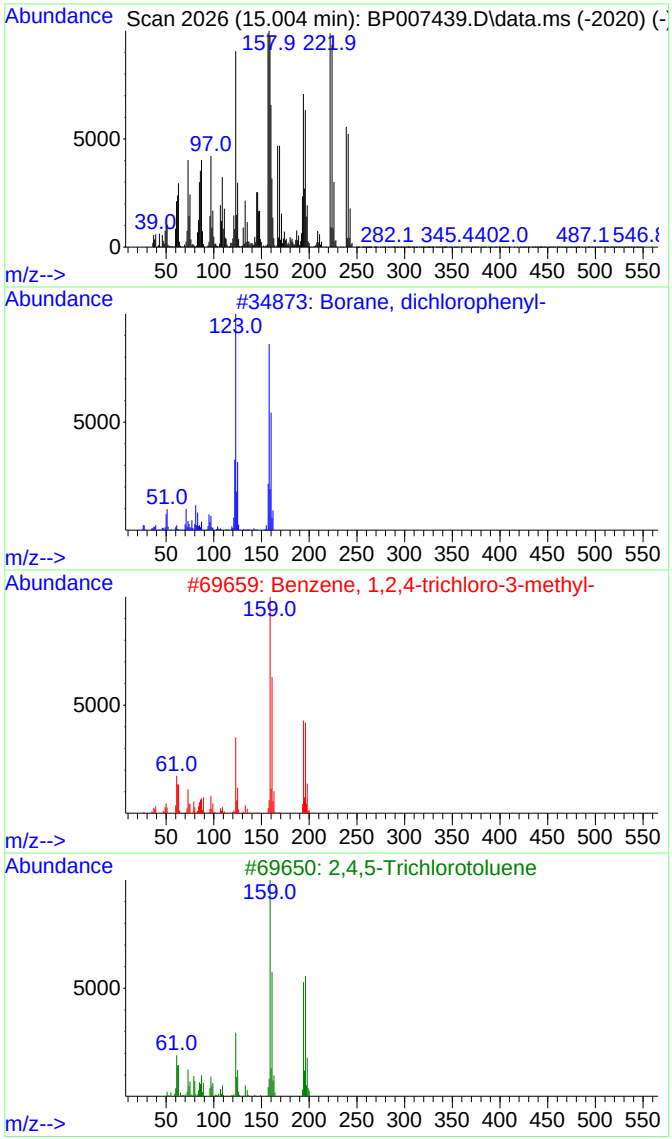
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

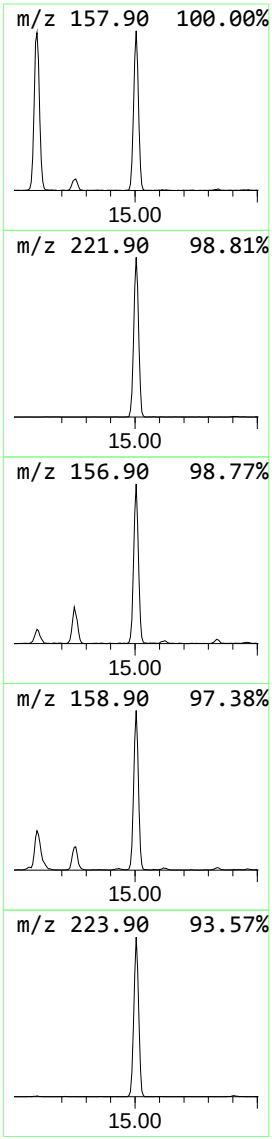
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	13.19 ng/ul	1710290	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borane, dichlorophenyl-	158	C6H5BCl2	000873-51-8	18
2	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	18
3	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	18
4	7-Bromo-2-methylquinoxaline	222	C9H7BrN2	076982-27-9	15
5	2-Chloro-3-methoxy-1,4-naphthoqu...	222	C11H7ClO3	015707-32-1	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

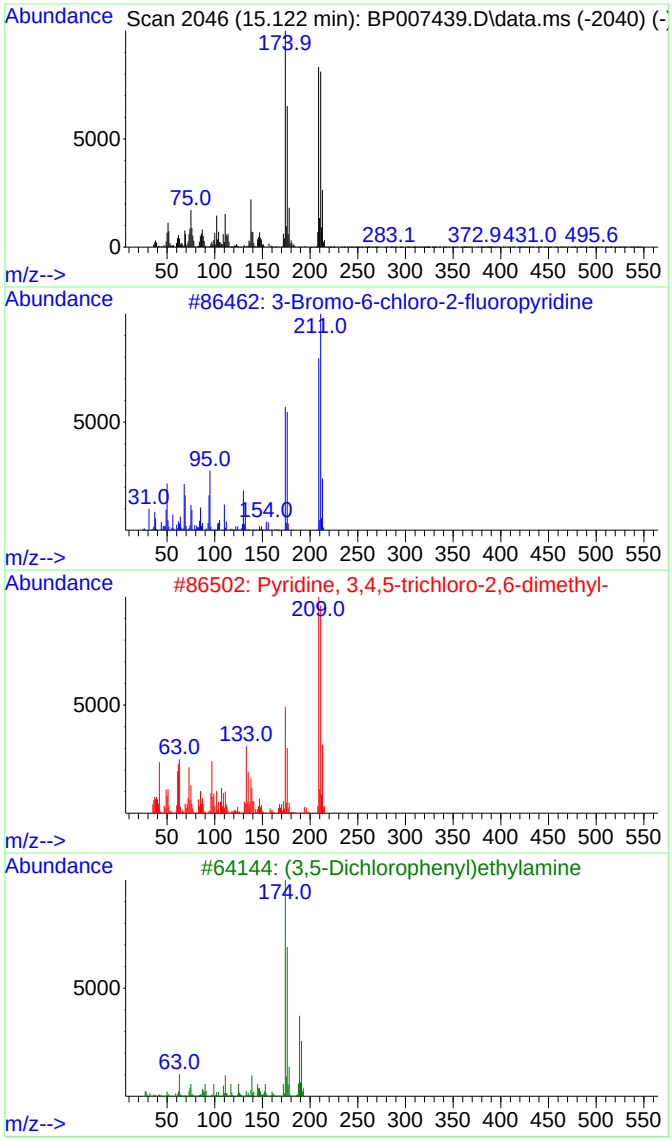
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

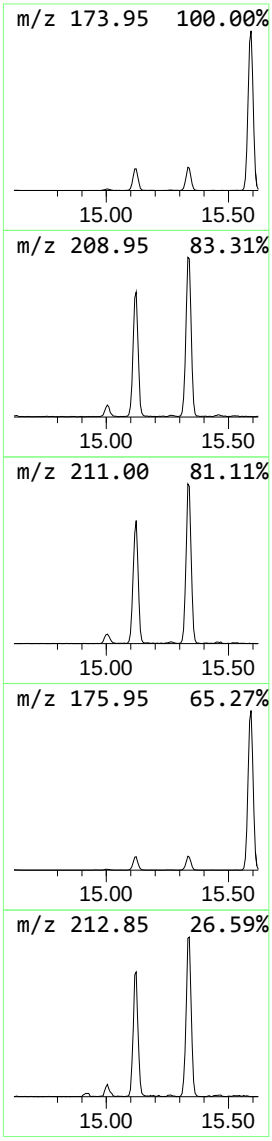
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Bromo-6-chloro-2-fluoropy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.122	5.19 ng/ul	673113	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-6-chloro-2-fluoropyridine	209	C5H2BrClFN	885952-18-1	64
2	Pyridine, 3,4,5-trichloro-2,6-di...	209	C7H6Cl3N	028597-08-2	58
3	(3,5-Dichlorophenyl)ethylamine	189	C8H9Cl2N	1000306-63-2	22
4	2-Chloro-5-(trifluoromethoxy)ani...	211	C7H5ClF3NO	000331-26-0	18
5	2-Fluoro-5H-dibenz[b,f]azepine	211	C14H10FN	024986-53-6	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

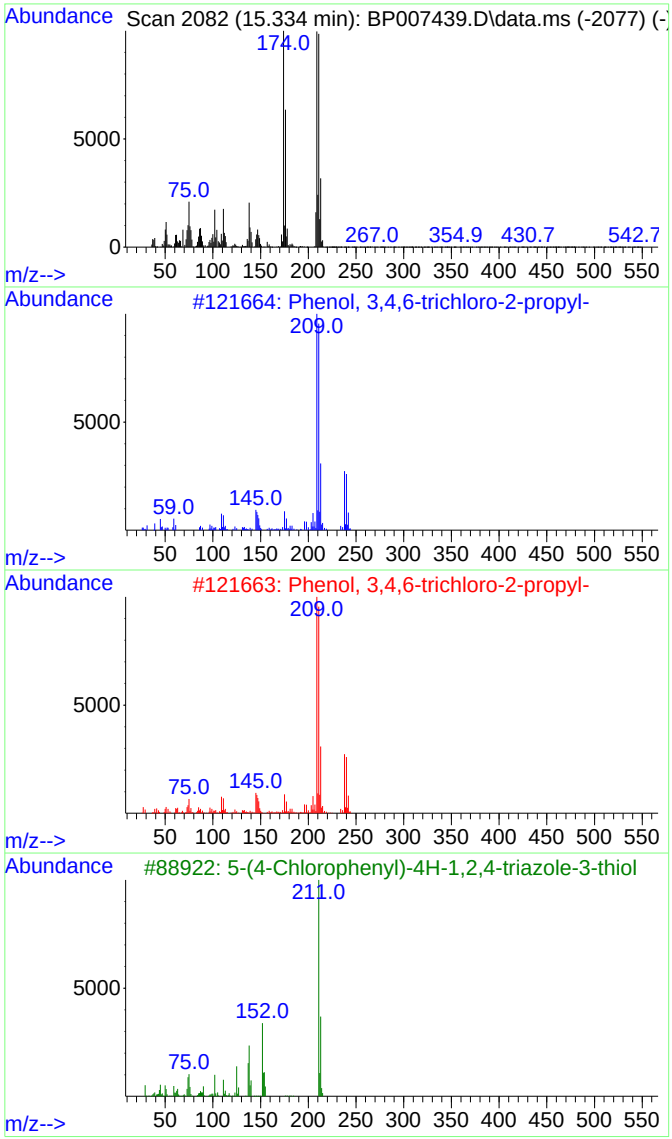
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

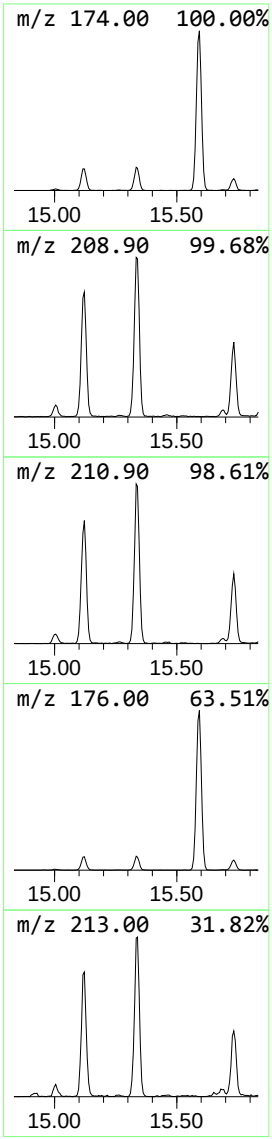
****

Peak Number 5 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.334	5.94 ng/ul	770192	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,6-trichloro-2-propyl-	238	C9H9Cl3O	055538-73-3	43
2	Phenol, 3,4,6-trichloro-2-propyl-	238	C9H9Cl3O	055538-73-3	43
3	5-(4-Chlorophenyl)-4H-1,2,4-tria...	211	C8H6ClN3S	026028-65-9	25
4	2,6-Dichloro-3-(2-chloroethyl)-4...	223	C8H8Cl3N	007085-03-2	22
5	3-Chloro-6-methoxy-4-methylpyrid...	174	C6H7ClN2O2	050450-89-0	18





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Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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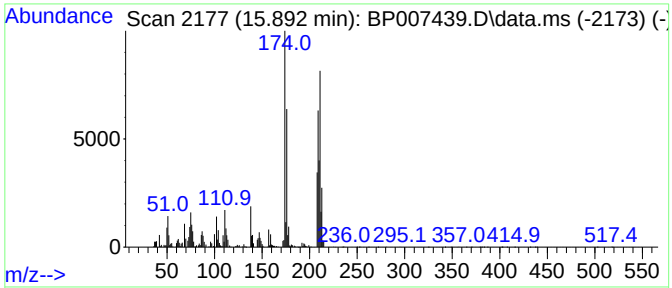
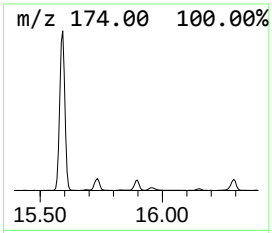
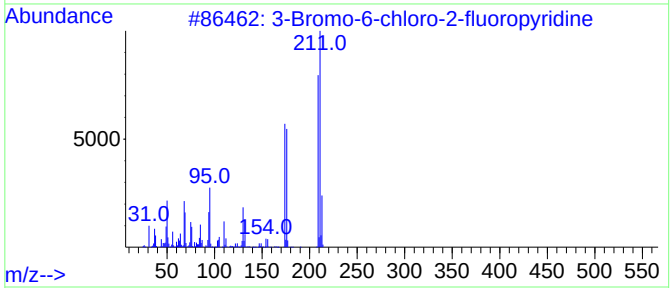
Peak Number 6 unknown-03 Concentration Rank 24

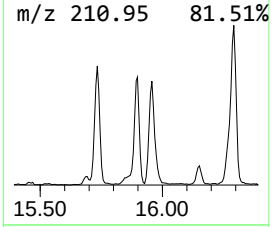
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	2.73 ng/ul	353897	Acenaphthene-d10	14.598

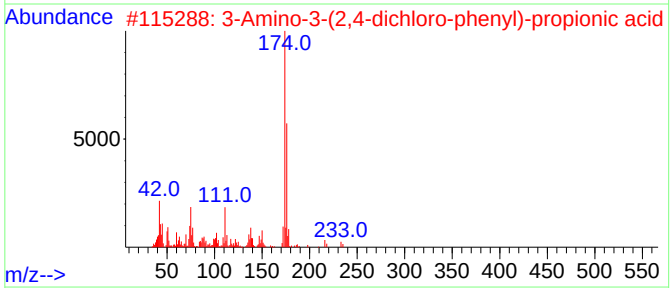
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-6-chloro-2-fluoropyridine	209	C5H2BrClFN	885952-18-1	50
2	3-Amino-3-(2,4-dichloro-phenyl)-...	233	C9H9Cl2NO2	1000296-66-3	27
3	2,3,6-Trichlorobenzaldehyde	208	C7H3Cl3O	004659-47-6	22
4	5-(4-Chlorophenyl)-4H-1,2,4-tria...	211	C8H6ClN3S	026028-65-9	20
5	Carbonic acid, monoamide, N-(4-c...	211	C10H10ClNO2	1000340-18-4	14

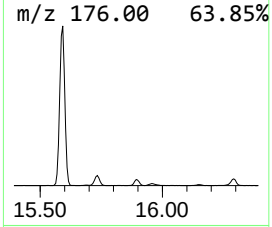


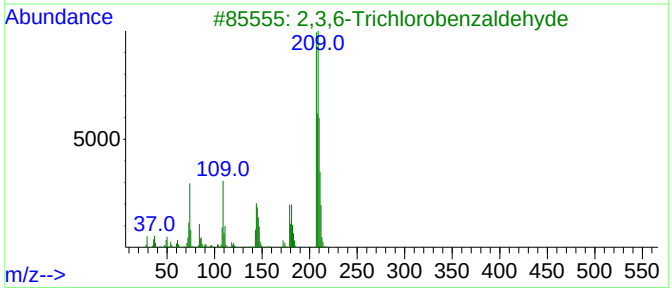


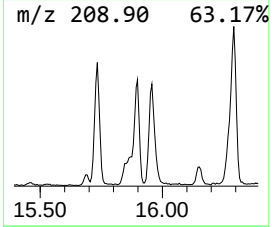


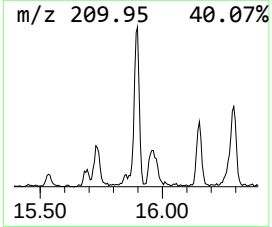












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Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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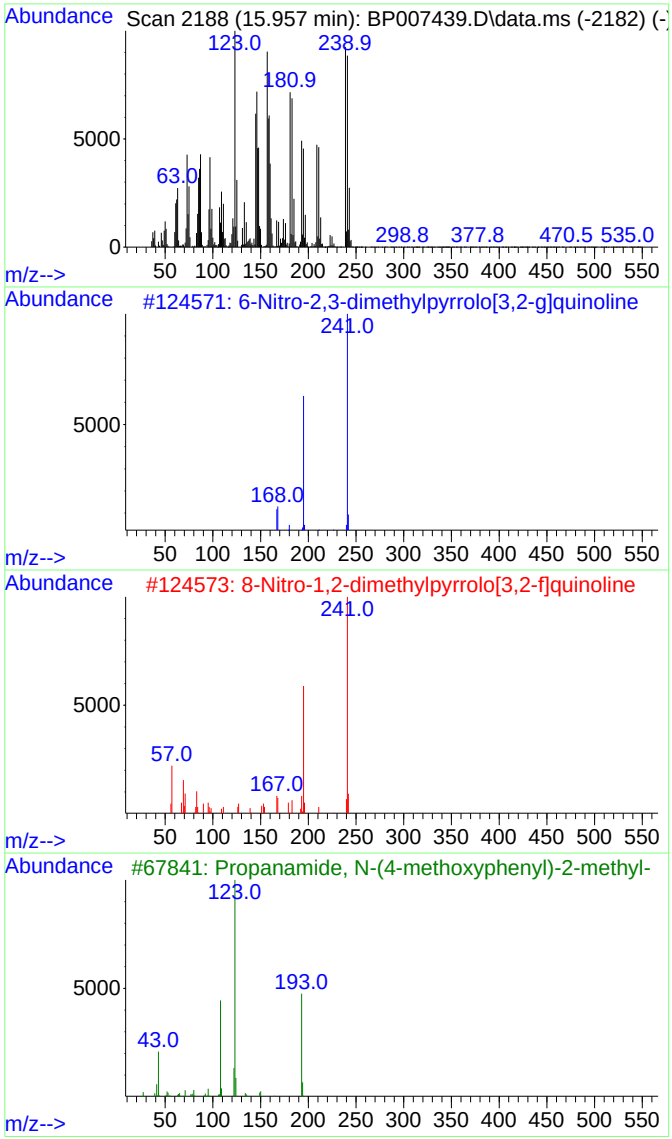
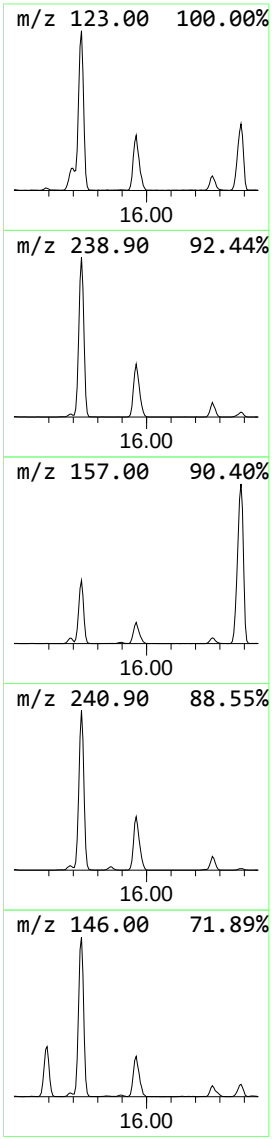
Peak Number 7 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.957	13.34 ng/ul	1729570	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nitro-2,3-dimethylpyrrolo[3,2-...	241	C13H11N3O2	1000327-19-3	22
2	8-Nitro-1,2-dimethylpyrrolo[3,2-...	241	C13H11N3O2	072793-29-4	11
3	Propanamide, N-(4-methoxyphenyl)...	193	C11H15NO2	1000307-32-2	11
4	Butanamide, N-(4-methoxyphenyl)-	193	C11H15NO2	1000306-91-5	11
5	6-Bromo-.alpha.,.alpha.,.alpha.-...	239	C7H5BrF3N	000454-79-5	11





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Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

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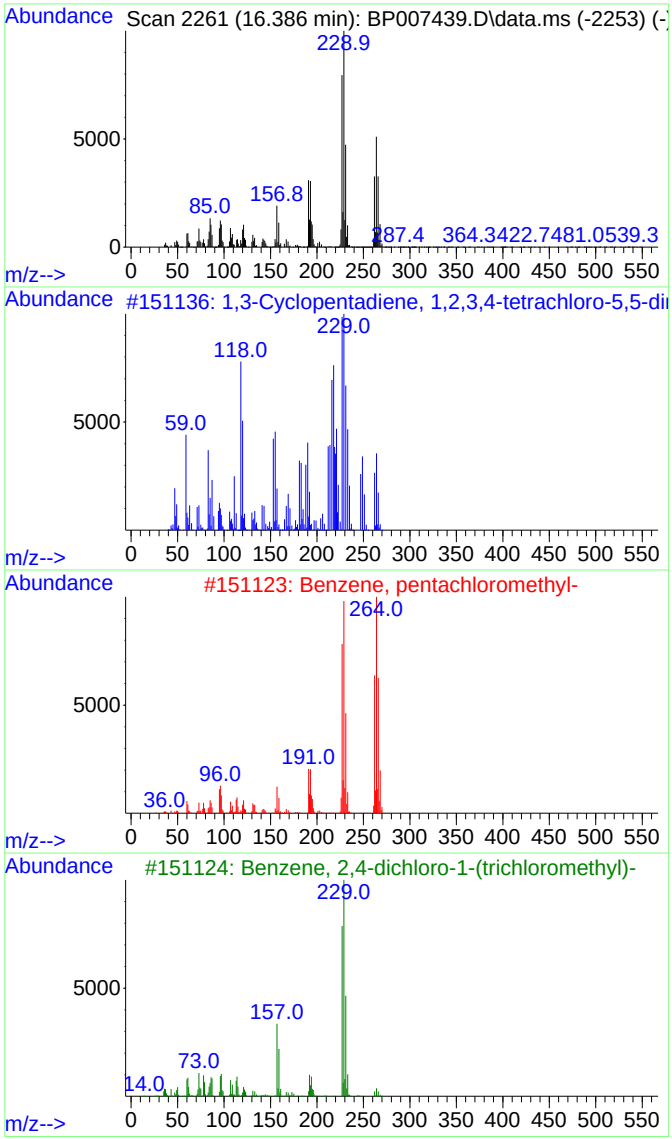
Quant Title : SVOA CALIBRATION

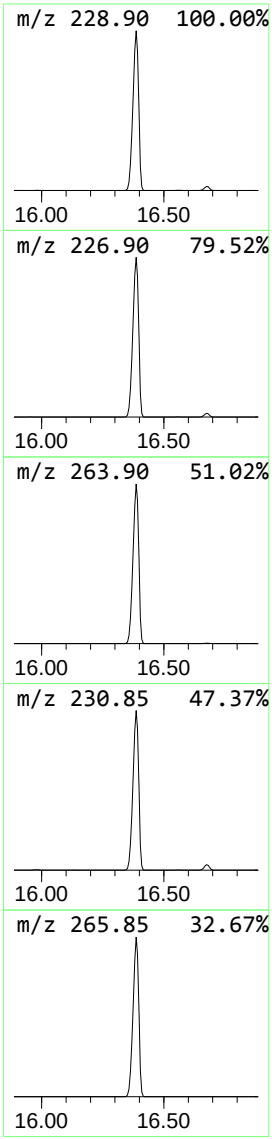
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.387	158.69 ng/ul	23518200	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	262	C7H6Cl4O2	002207-27-4	93
2	Benzene, pentachloromethyl-	262	C7H3Cl5	000877-11-2	93
3	Benzene, 2,4-dichloro-1-(trichlo...	262	C7H3Cl5	013014-18-1	64
4	Benzene, 1,2-dichloro-4-(trichlo...	262	C7H3Cl5	013014-24-9	64
5	Benzene, 2,4-dichloro-1-(trichlo...	262	C7H3Cl5	013014-18-1	59





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Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

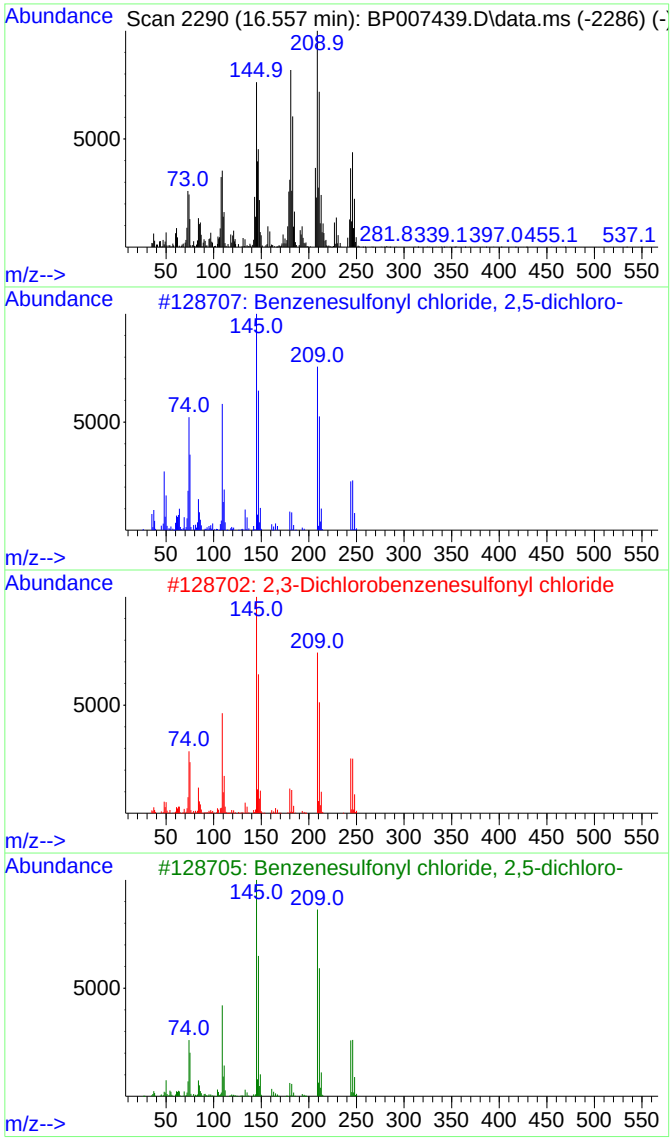
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

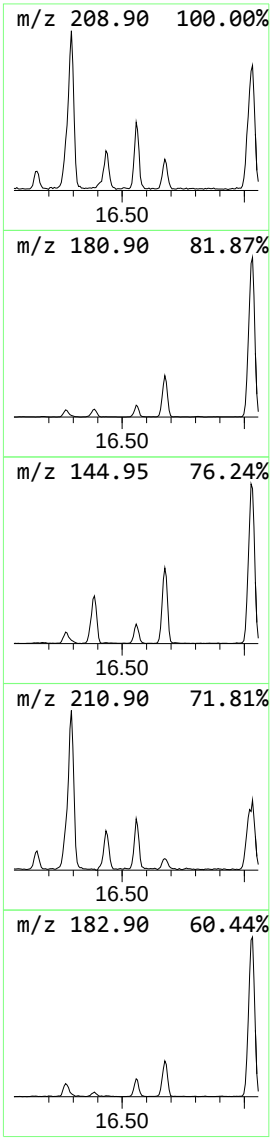
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzenesulfonyl chloride, 2... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.557	2.04 ng/ul	302762	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonyl chloride, 2,5-di...	244	C6H3Cl3O2S	005402-73-3	78
2	2,3-Dichlorobenzenesulfonyl chlo...	244	C6H3Cl3O2S	082417-45-6	60
3	Benzenesulfonyl chloride, 2,5-di...	244	C6H3Cl3O2S	005402-73-3	60
4	2,3,4,6-Tetrachloro-6-methylcycl...	244	C7H4Cl4O	1000370-33-7	50
5	Benzenesulfonyl chloride, 3,4-di...	244	C6H3Cl3O2S	000098-31-7	49





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Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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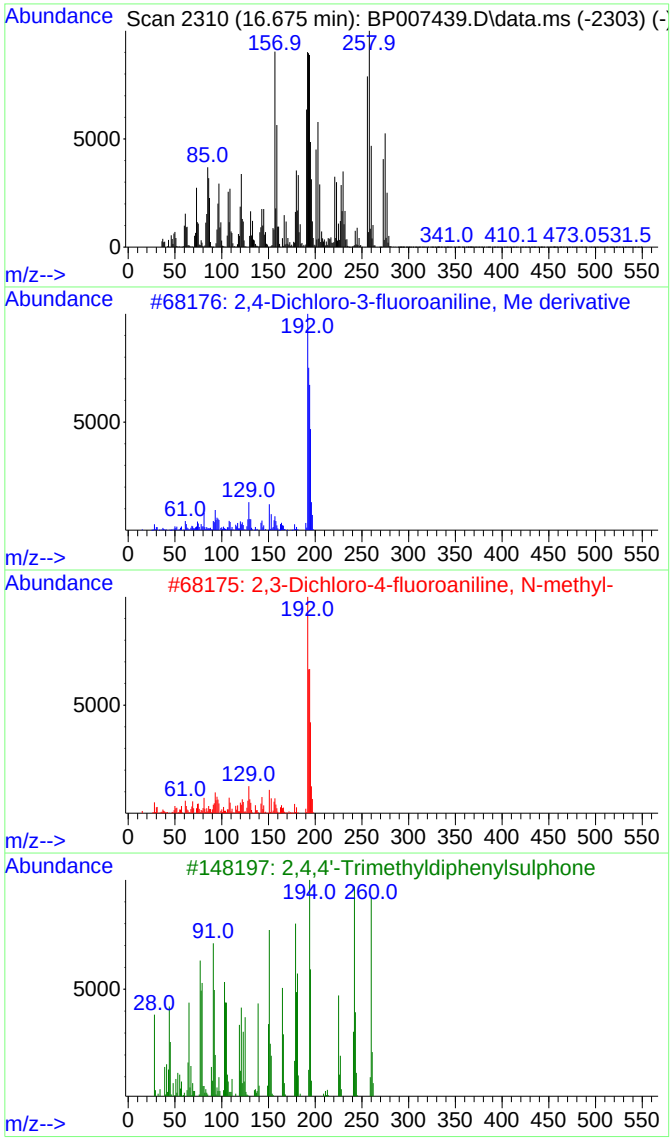
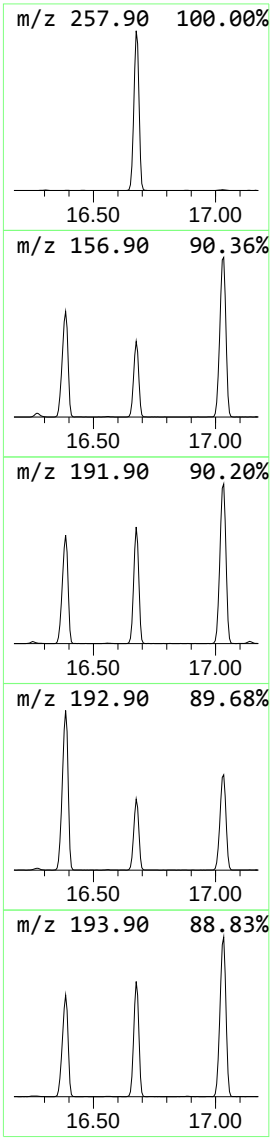
Peak Number 10 unknown-05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.675	58.30 ng/ul	8639160	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dichloro-3-fluoroaniline, Me...	193	C7H6Cl2FN	1010497-83-5	38
2	2,3-Dichloro-4-fluoroaniline, N-...	193	C7H6Cl2FN	1000506-36-0	30
3	2,4,4'-Trimethyldiphenylsulphone	260	C15H16O2S	013249-97-3	25
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	14
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	14





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Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

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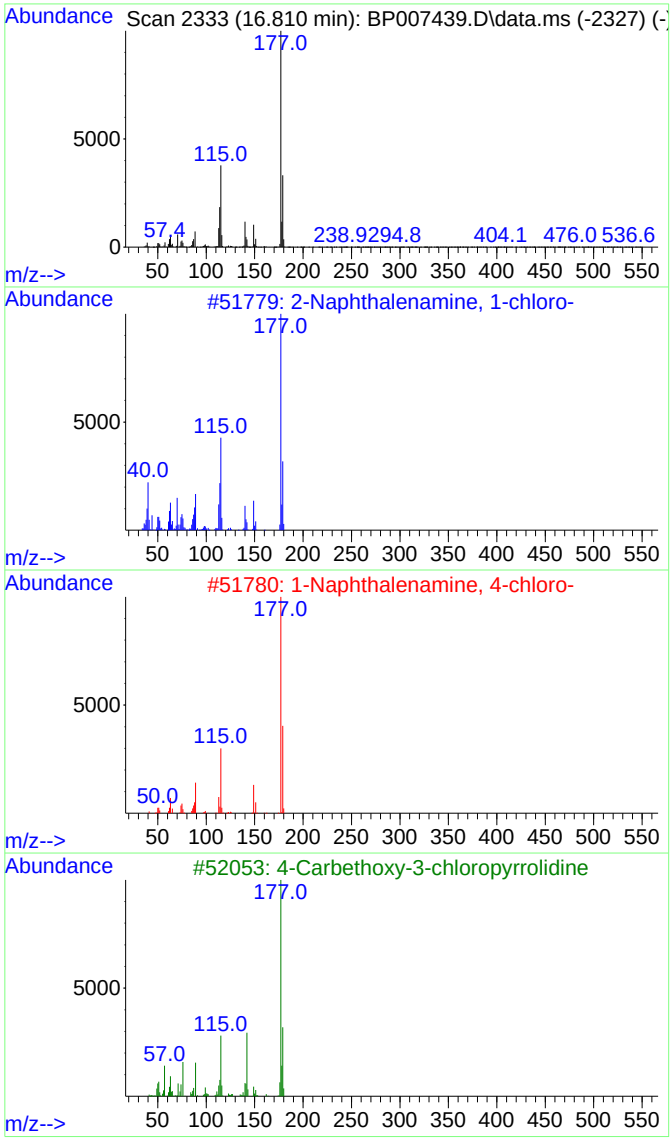
Quant Title : SVOA CALIBRATION

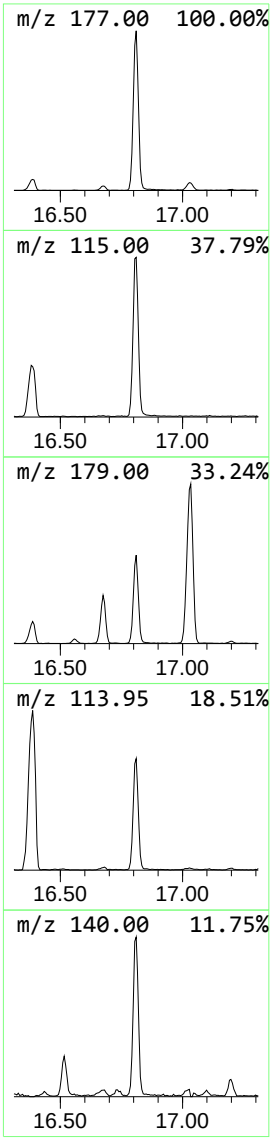
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Naphthalenamine, 1-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.810	7.62 ng/ul	1129830	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenamine, 1-chloro-	177	C10H8ClN	016452-11-2	93
2	1-Naphthalenamine, 4-chloro-	177	C10H8ClN	004684-12-2	81
3	4-Carbethoxy-3-chloropyrrolidine	177	C7H12ClNO2	1010255-97-9	80
4	6-Chloro-2-methylquinoline	177	C10H8ClN	000092-46-6	80
5	1H-Pyrrole, 1-(4-chlorophenyl)-	177	C10H8ClN	005044-38-2	74





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Misc :
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Instrument : BNA_P
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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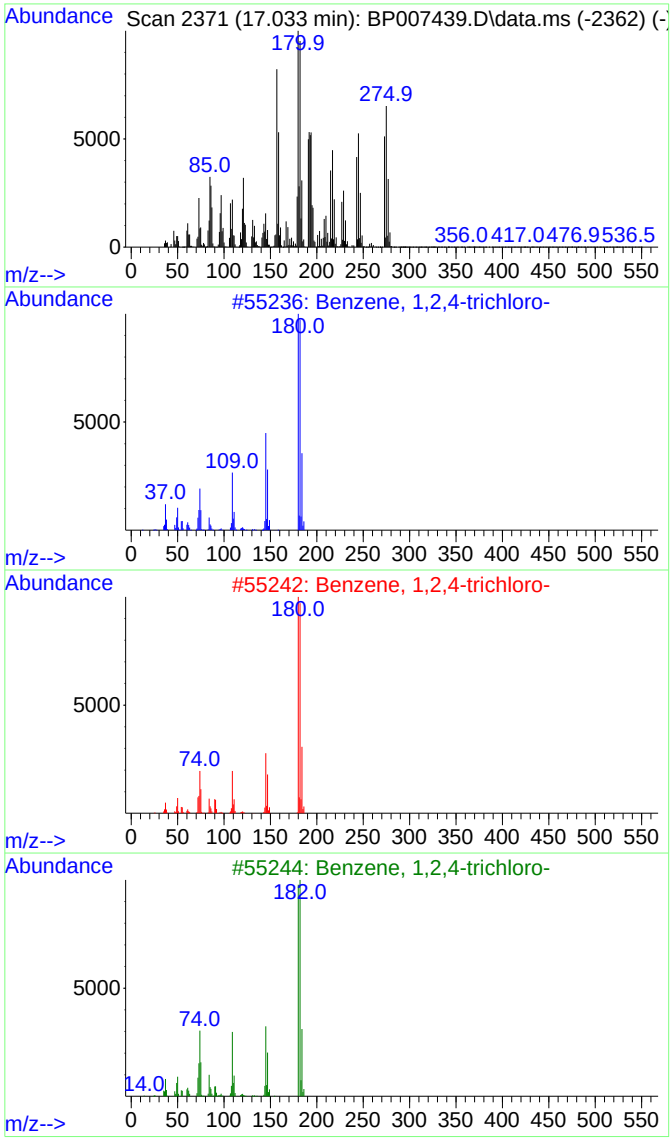
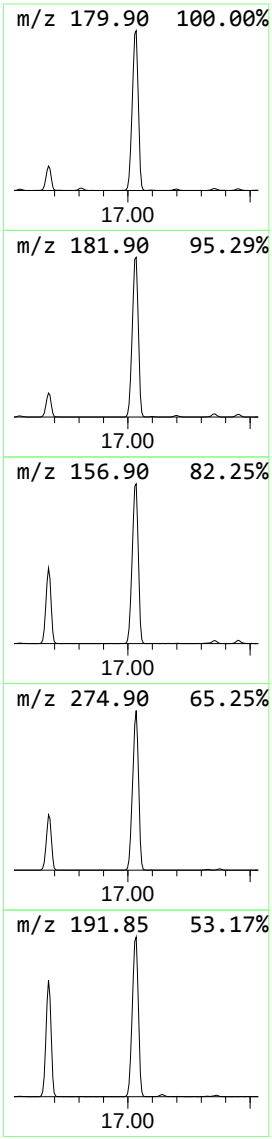
Peak Number 12 unknown-06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.034	131.81 ng/ul	19533600	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	35
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	35
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	35
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	20
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	18





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Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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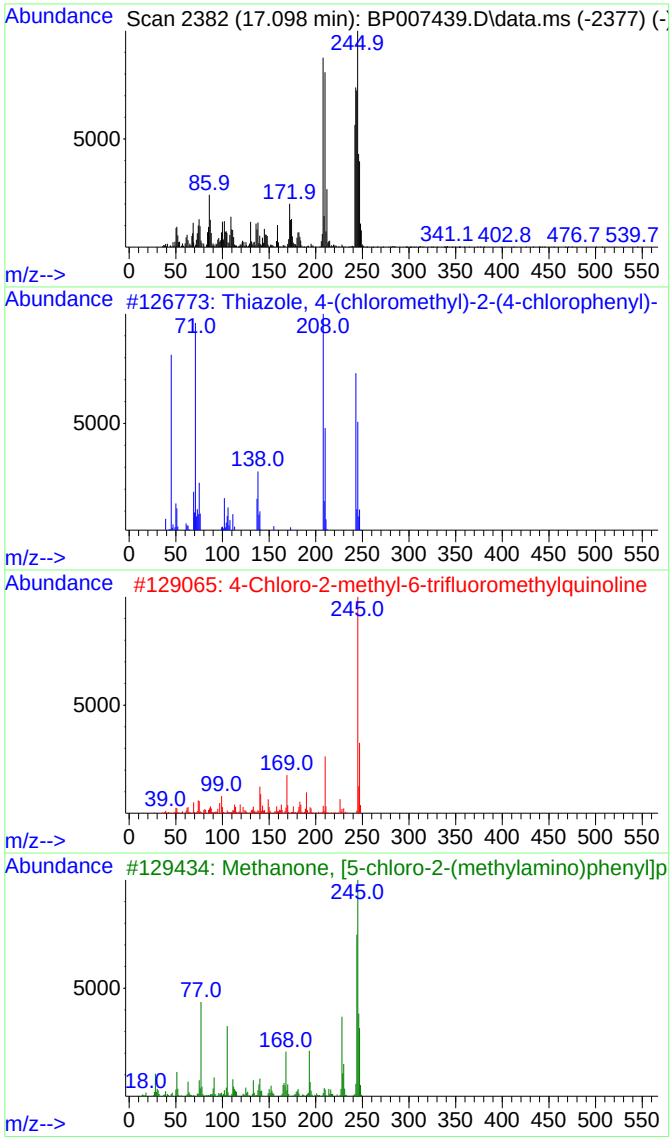
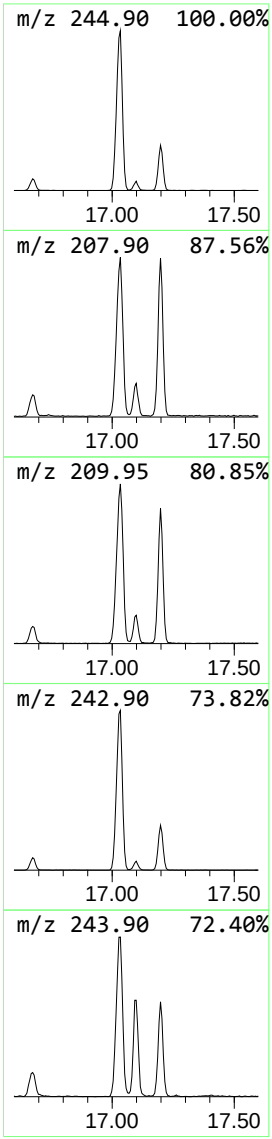
Peak Number 13 unknown-07 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	2.01 ng/ul	297725	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 4-(chloromethyl)-2-(4-...	243	C10H7Cl2NS	017969-22-1	35
2	4-Chloro-2-methyl-6-trifluoromet...	245	C11H7ClF3N	867167-05-3	27
3	Methanone, [5-chloro-2-(methylam...	245	C14H12ClNO	001022-13-5	27
4	3-(4-Chloro-phenyl)-2-(4-methoxy...	365	C17H16ClNO4S	1000294-63-8	22
5	2-Imidazolidinone, 1-(3,4-dichlo...	244	C10H10Cl2N2O	067461-89-6	15





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Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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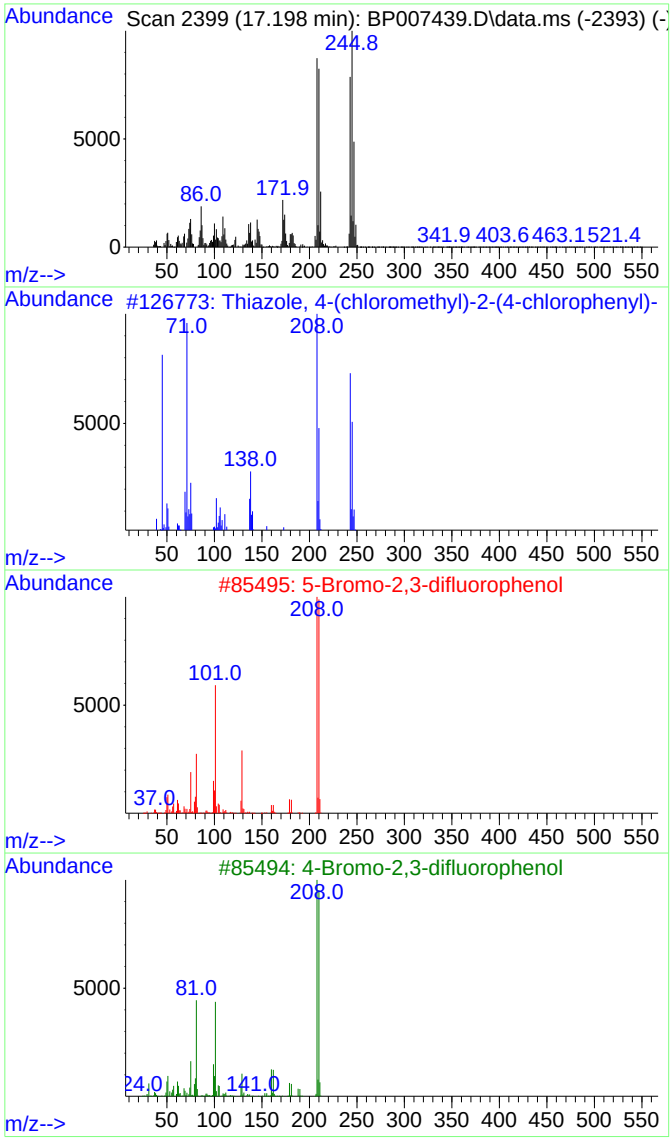
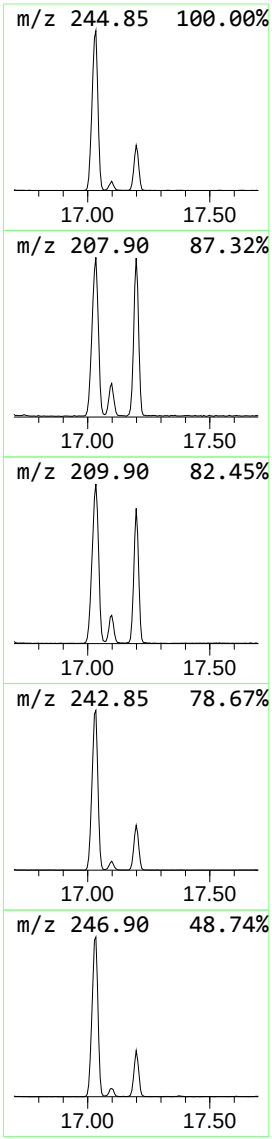
Peak Number 14 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	7.99 ng/ul	1184630	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 4-(chloromethyl)-2-(4-...	243	C10H7Cl2NS	017969-22-1	49
2	5-Bromo-2,3-difluorophenol	208	C6H3BrF2O	186590-26-1	38
3	4-Bromo-2,3-difluorophenol	208	C6H3BrF2O	144292-32-0	30
4	5-(2,4-Dichlorophenyl)-4H-1,2,4-...	245	C8H5Cl2N3S	1010476-71-0	14
5	2H-1-Benzopyran-2-one, 3-chloro-...	210	C10H7ClO3	006174-86-3	11





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Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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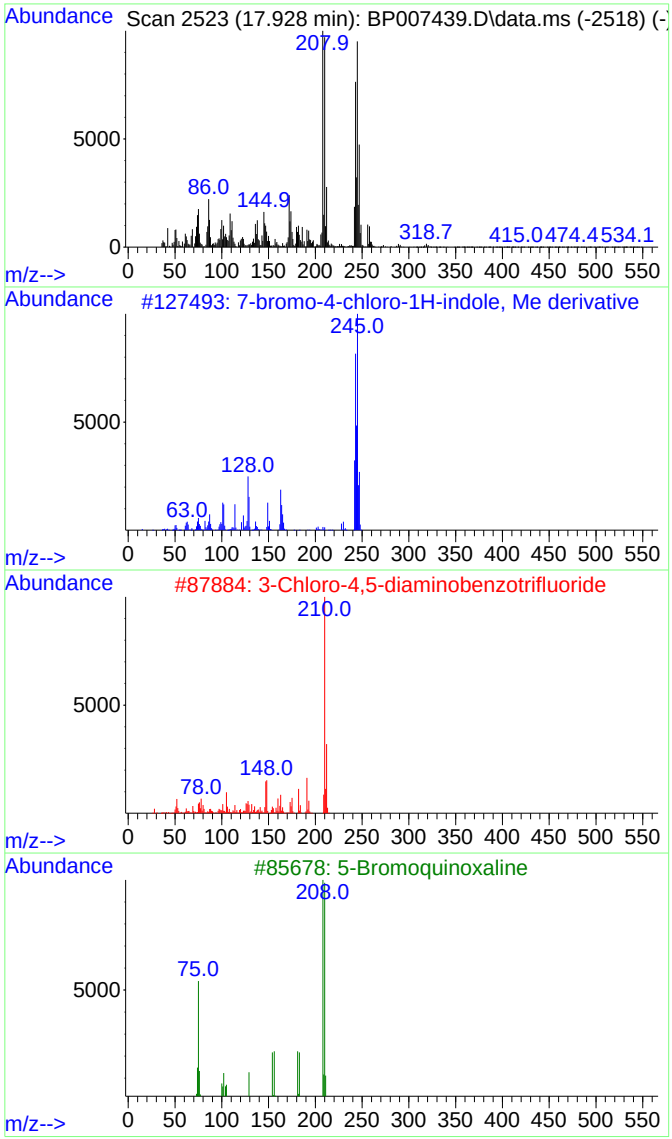
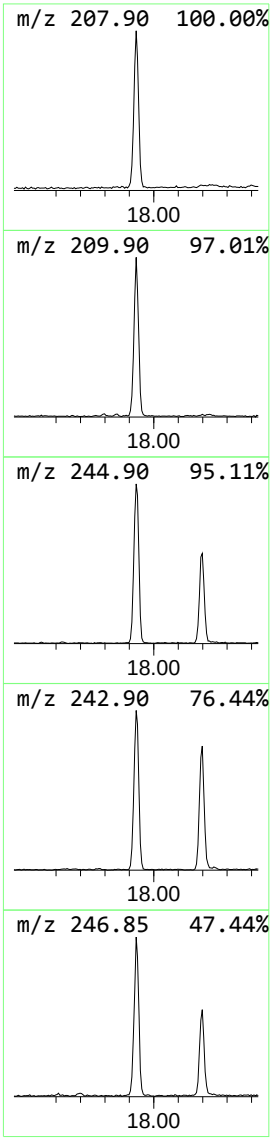
Peak Number 15 unknown-09 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.928	6.13 ng/ul	908716	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-bromo-4-chloro-1H-indole, Me d...	243	C9H7BrClN	1000494-86-5	38
2	3-Chloro-4,5-diaminobenzotrifluo...	210	C7H6ClF3N2	132915-80-1	25
3	5-Bromoquinoxaline	208	C8H5BrN2	076982-23-5	25
4	2-(4-chlorophenyl)-5-fluoro-1H-i...	245	C14H9ClFN	881040-32-0	18
5	Alpha-(4-cinnolinyl)-alpha-pheny...	245	C16H11N3	018592-05-7	15





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Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

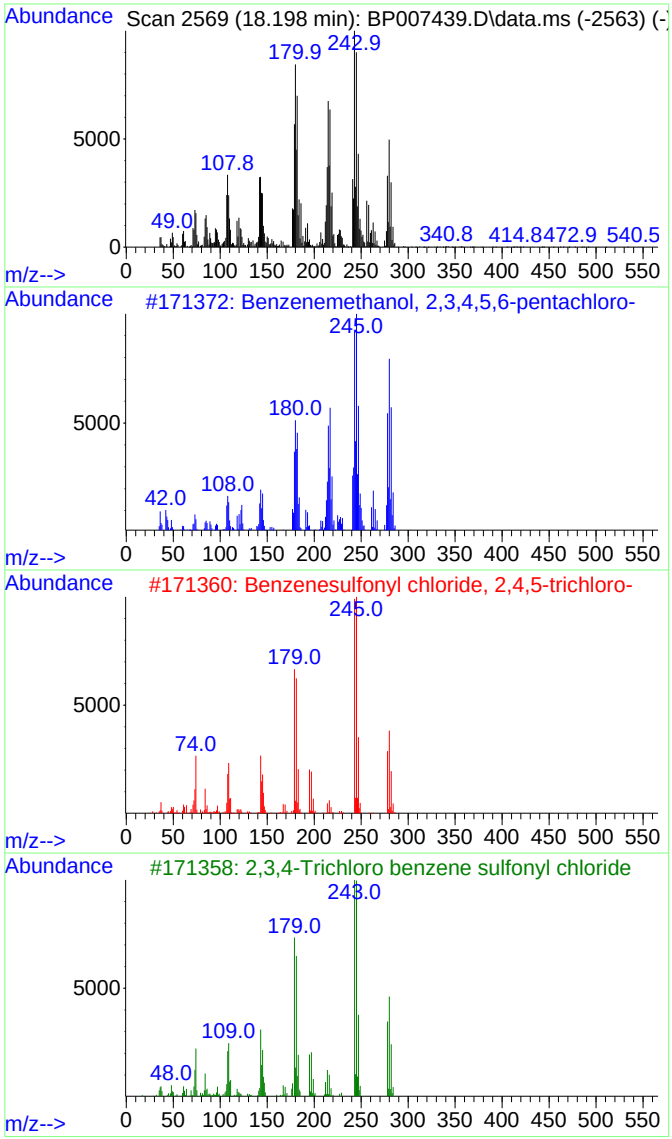
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

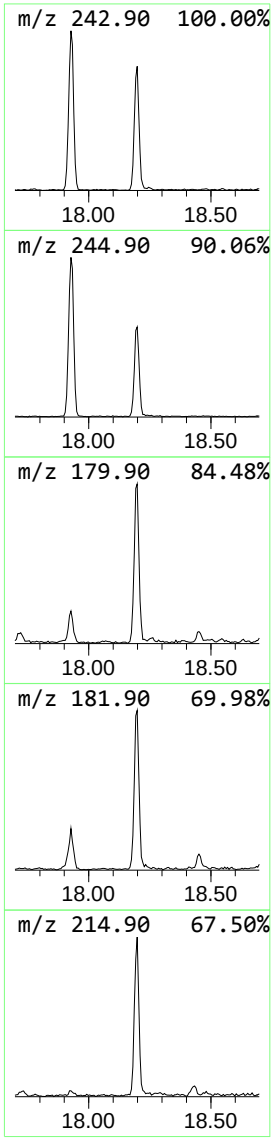
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzenemethanol, 2,3,4,5,6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	4.41 ng/ul	653309	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 2,3,4,5,6-penta...	278	C7H3Cl5O	016022-69-8	96
2	Benzenesulfonyl chloride, 2,4,5-...	278	C6H2Cl4O2S	015945-07-0	83
3	2,3,4-Trichloro benzene sulfonyl...	278	C6H2Cl4O2S	034732-09-7	83
4	2,3,4-Trichloro benzene sulfonyl...	278	C6H2Cl4O2S	034732-09-7	83
5	Benzenesulfonyl chloride, 2,4,5-...	278	C6H2Cl4O2S	015945-07-0	70





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Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

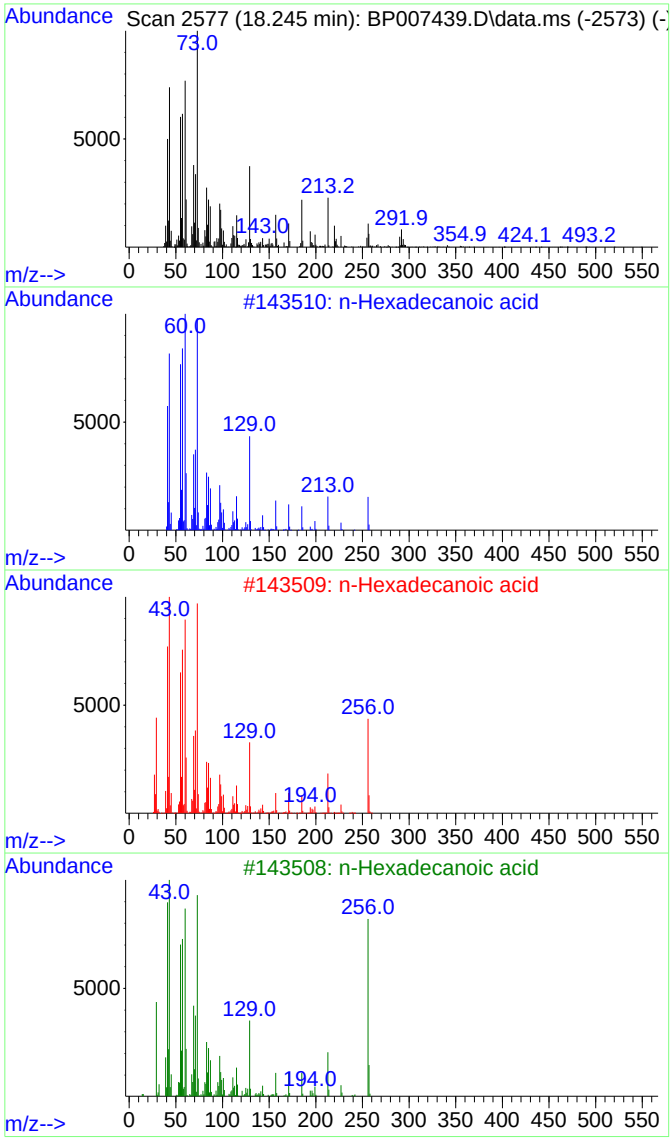
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

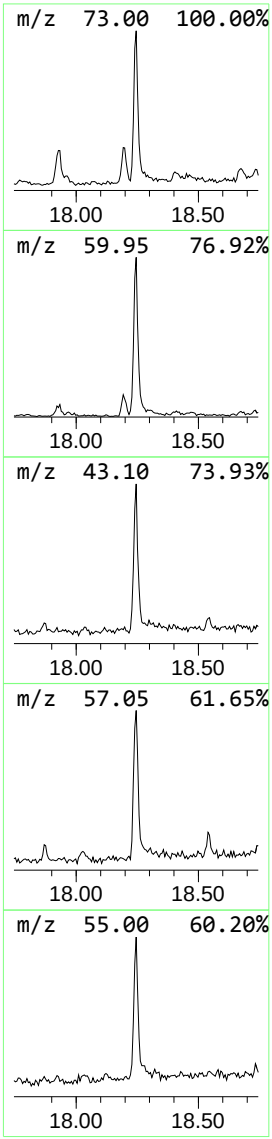
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	2.03 ng/ul	301146	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD1

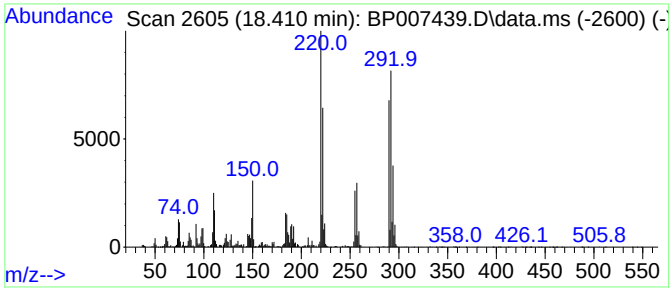
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

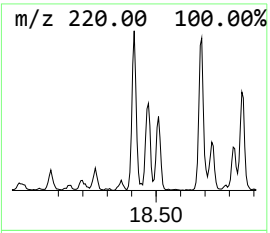
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

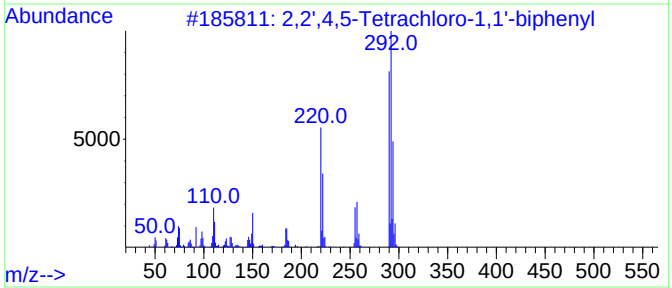
****
Peak Number 18 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 27

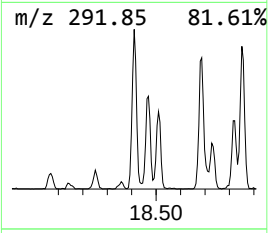
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	2.35 ng/ul	348848	Phenanthrene-d10	17.351

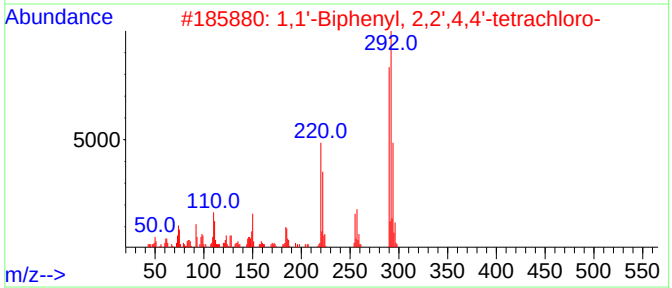
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99

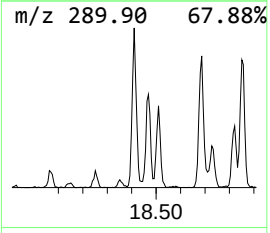


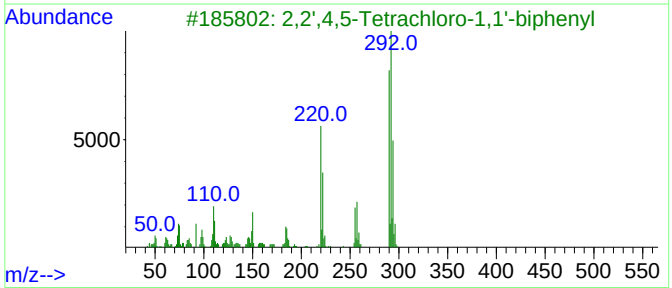


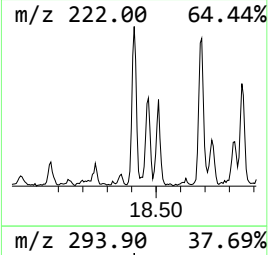


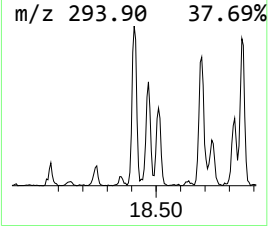












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD1

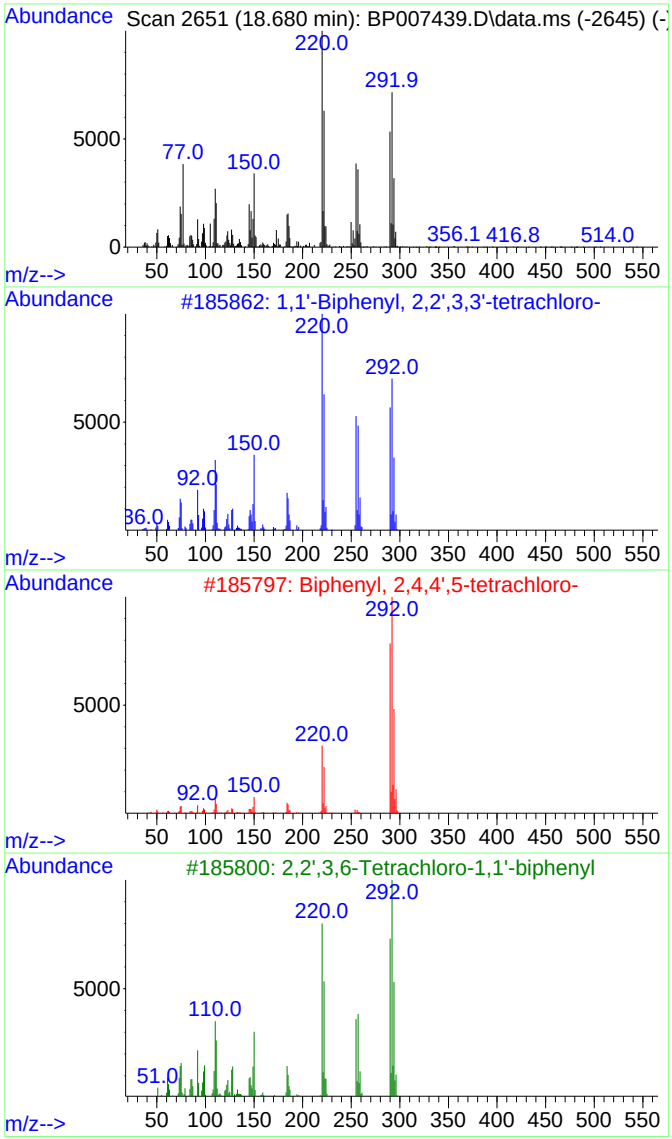
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

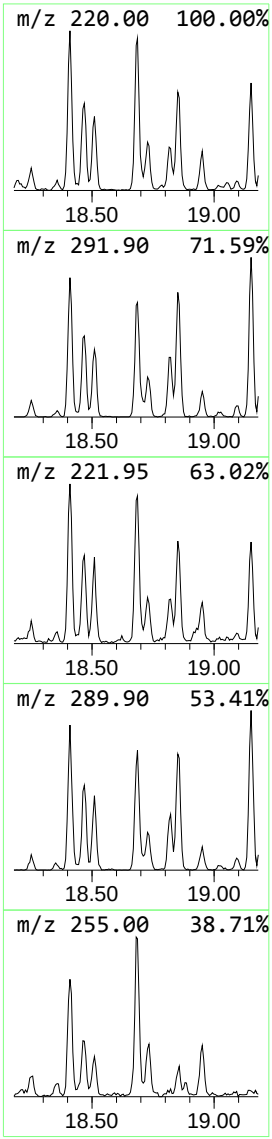
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',3,3'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	3.10 ng/ul	458988	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD1

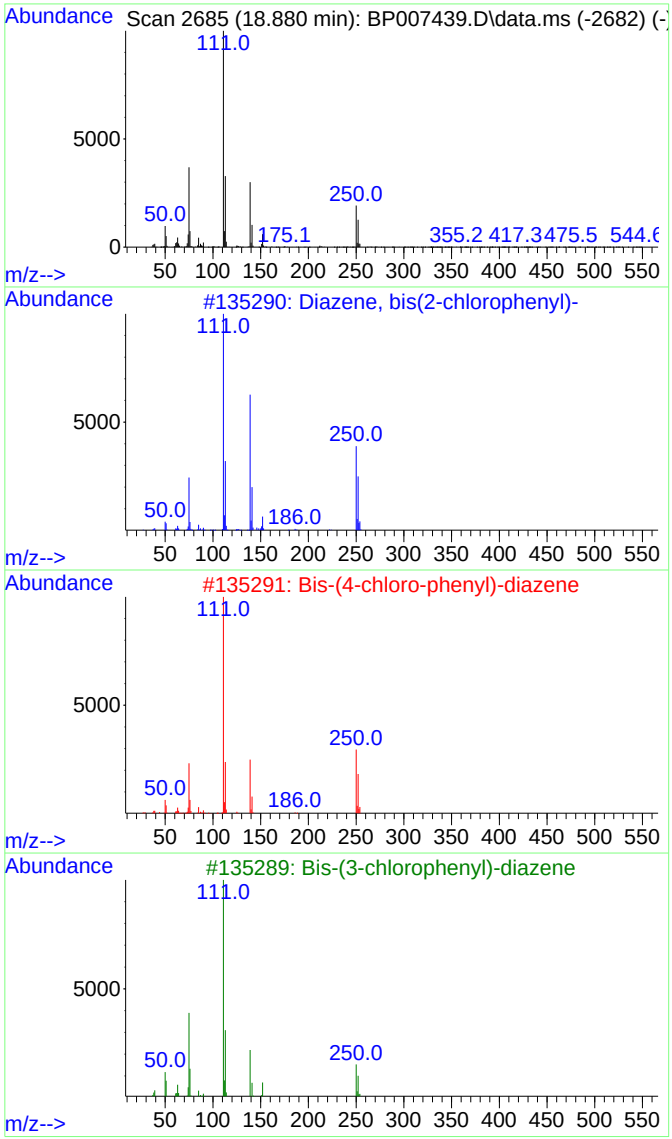
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

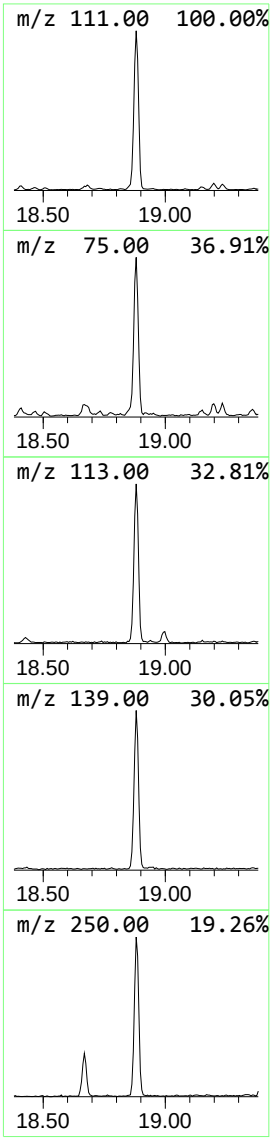
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Diazene, bis(2-chlorophenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.881	4.04 ng/ul	598590	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diazene, bis(2-chlorophenyl)-	250	C12H8Cl2N2	007334-33-0	95
2	Bis-(4-chloro-phenyl)-diazene	250	C12H8Cl2N2	1000192-28-4	94
3	Bis-(3-chlorophenyl)-diazene	250	C12H8Cl2N2	015426-14-9	93
4	Triazene, 1-(p-fluorophenyl)-1-c...	288	C14H10ClFN4	1000274-66-3	59
5	Triazene, 1-methyl-1-cyanomethyl...	208	C9H9ClN4	1000274-66-0	58





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Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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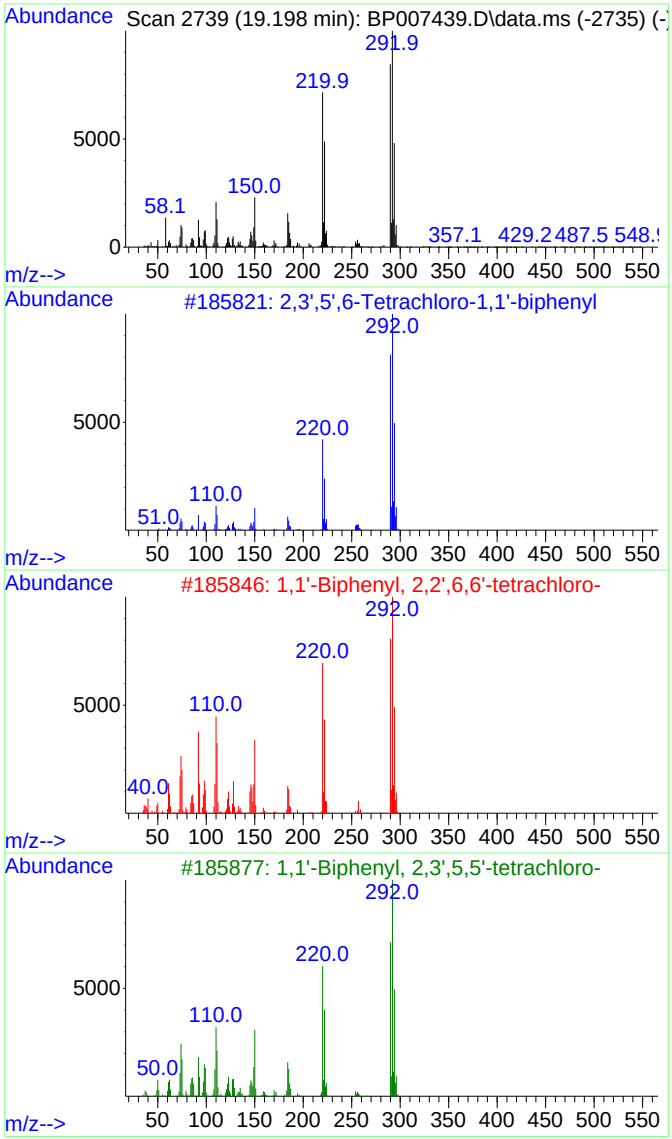
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

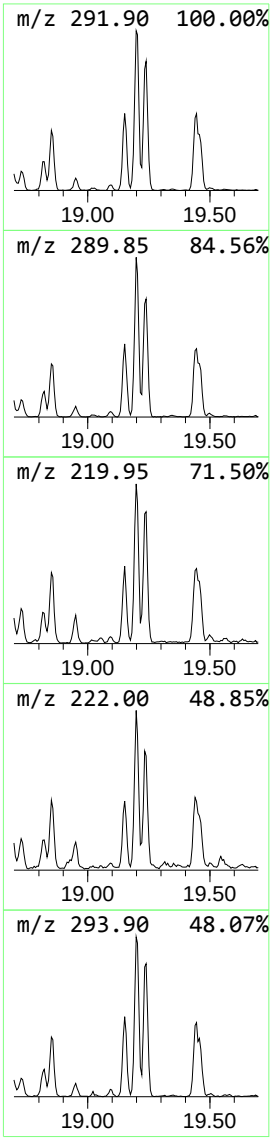
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,3',5',6-Tetrachloro-1,1'-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	2.82 ng/ul	417215	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98





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Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD1

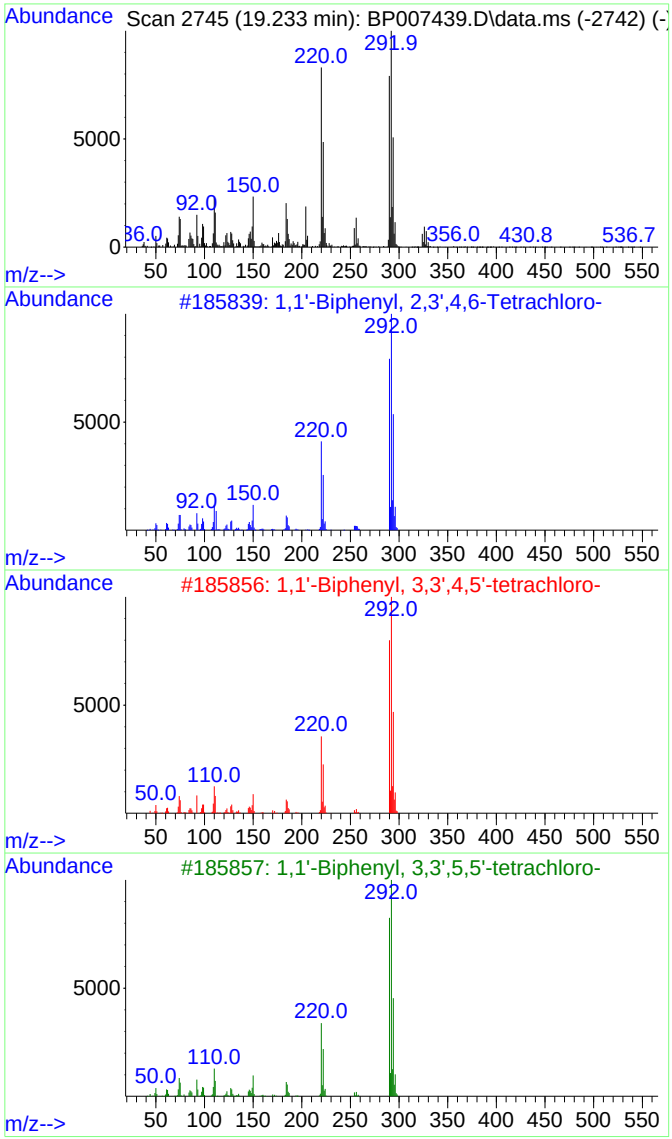
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

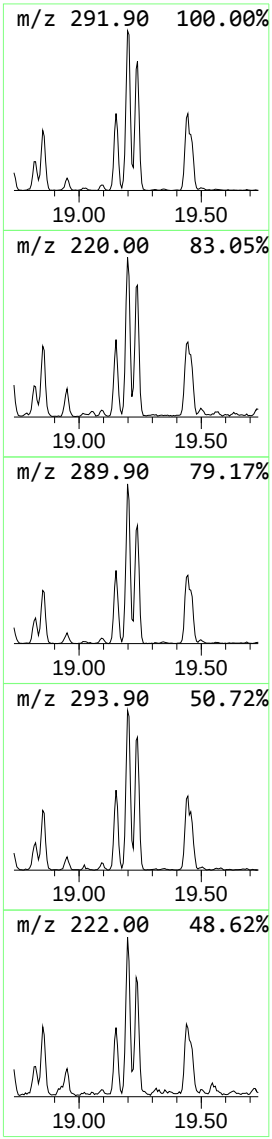
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	2.83 ng/ul	418706	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





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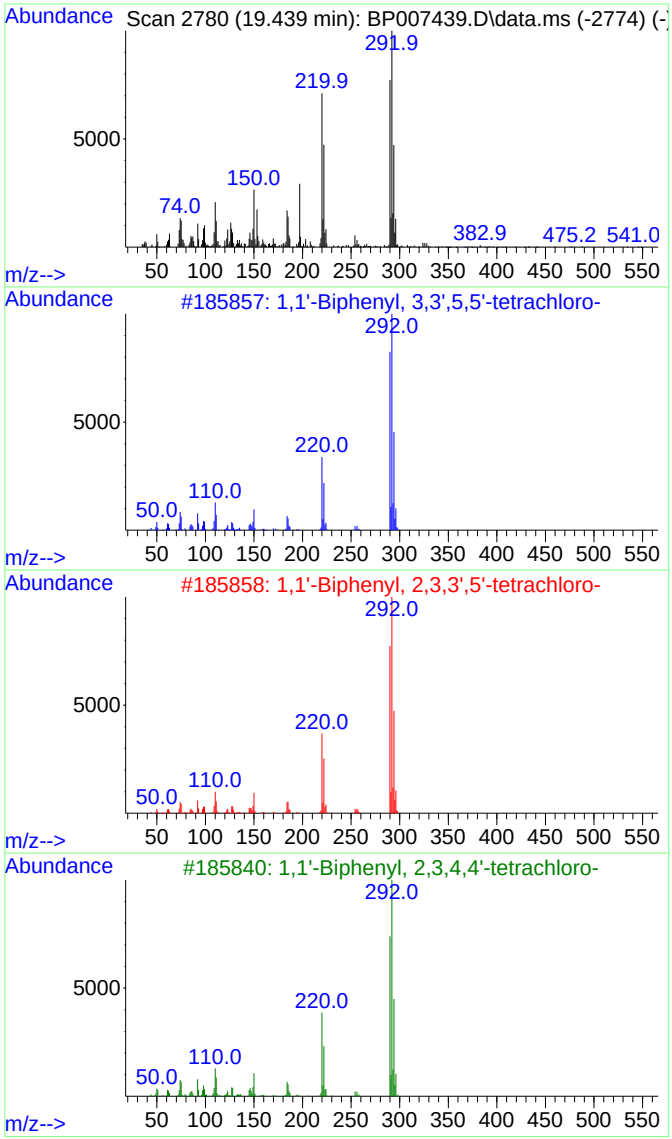
Quant Title : SVOA CALIBRATION

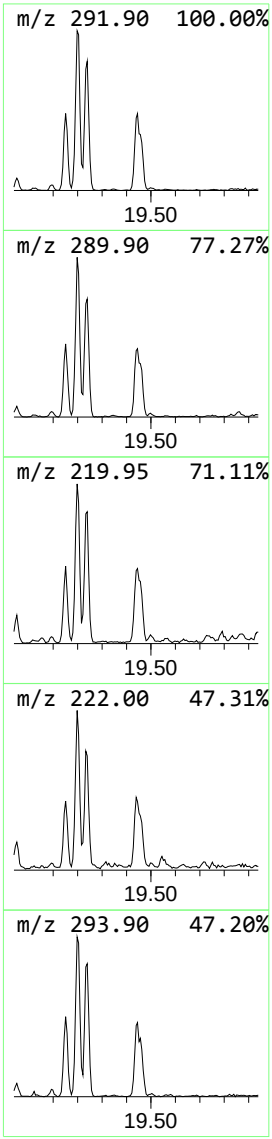
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	2.25 ng/ul	381373	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99





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Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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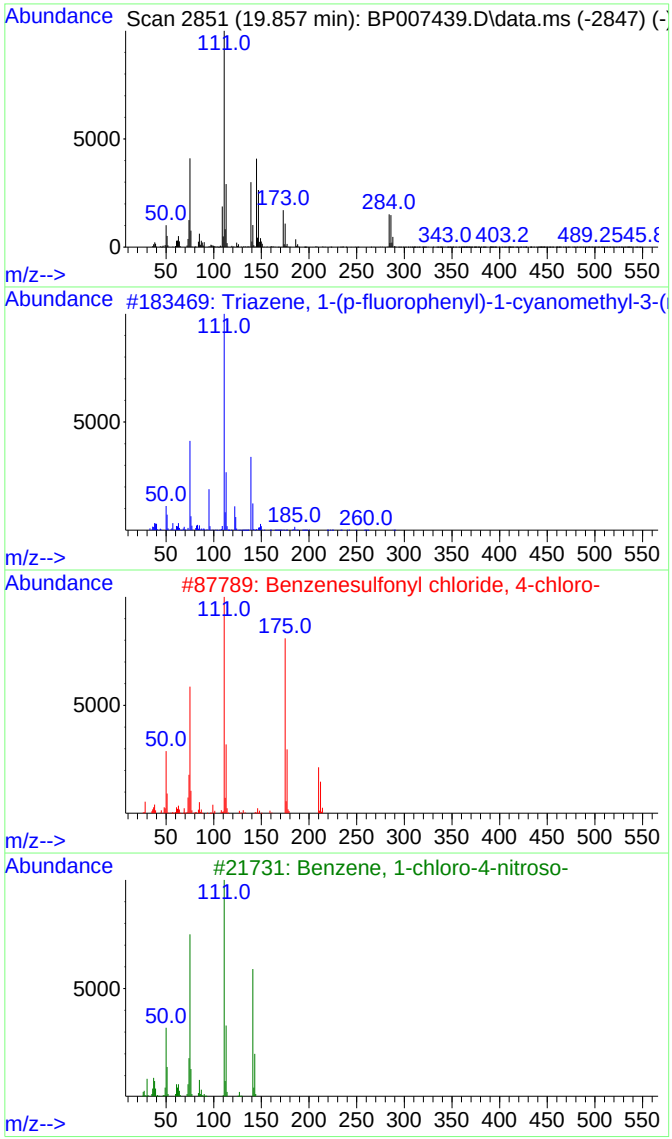
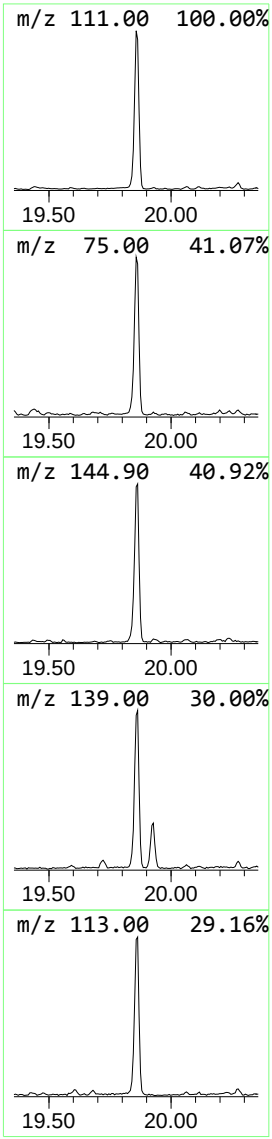
Peak Number 24 unknown-10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.857	6.04 ng/ul	1023030	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triazene, 1-(p-fluorophenyl)-1-c...	288	C14H10ClFN4	1000274-66-3	49
2	Benzenesulfonyl chloride, 4-chloro-	210	C6H4Cl2O2S	000098-60-2	43
3	Benzene, 1-chloro-4-nitroso-	141	C6H4ClNO	000932-98-9	38
4	Triazene, 1-methyl-1-cyanomethyl...	208	C9H9ClN4	1000274-66-0	38
5	Bis-(3-chlorophenyl)-diazene	250	C12H8Cl2N2	015426-14-9	38





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Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

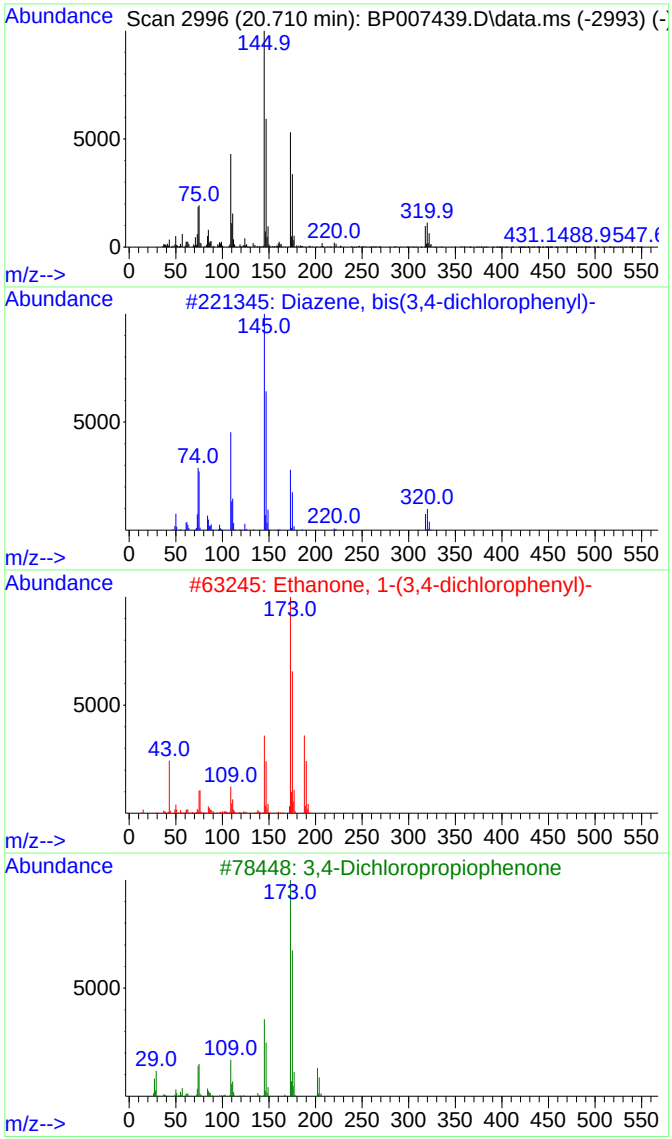
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

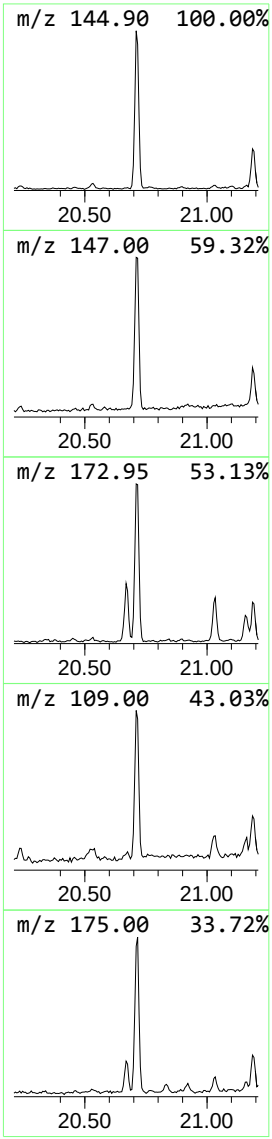
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Diazene, bis(3,4-dichloroph... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.710	2.85 ng/ul	481849	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diazene, bis(3,4-dichlorophenyl)-	318	C12H6Cl4N2	014047-09-7	96
2	Ethanone, 1-(3,4-dichlorophenyl)-	188	C8H6Cl2O	002642-63-9	52
3	3,4-Dichloropropiophenone	202	C9H8Cl2O	006582-42-9	50
4	2,5-Dichlorobenzhydrazide	204	C7H6Cl2N2O	067487-35-8	50
5	Benzoyl chloride, 3,4-dichloro-	208	C7H3Cl3O	003024-72-4	50





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Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

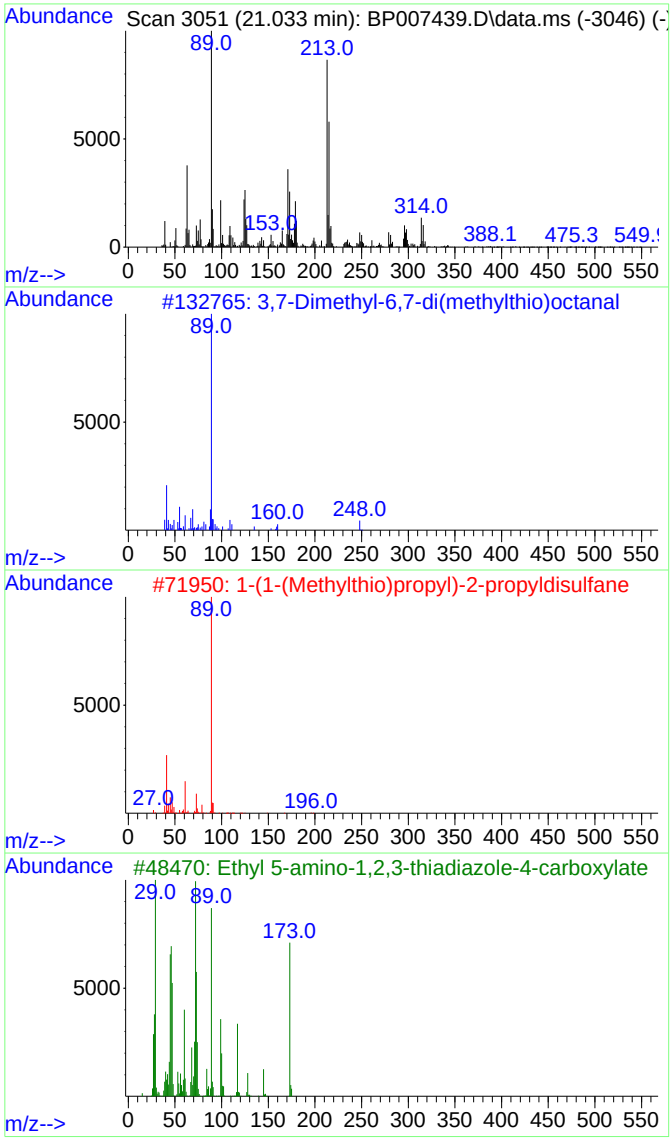
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

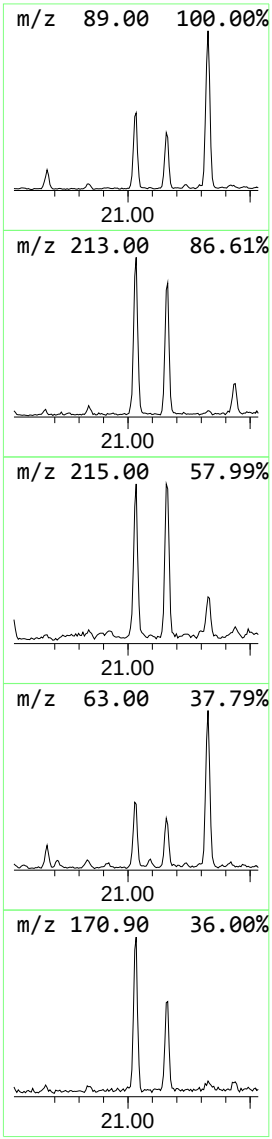
****

Peak Number 26 unknown-11 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	2.97 ng/ul	503099	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyl-6,7-di(methylthio)o...	248	C12H24OS2	1000314-40-1	47
2	1-(1-(Methylthio)propyl)-2-propy...	196	C7H16S3	126876-22-0	47
3	Ethyl 5-amino-1,2,3-thiadiazole-...	173	C5H7N3O2S	006440-02-4	38
4	Glycerol, 3TBDMS derivative	434	C21H50O3Si3	082112-23-0	38
5	1-(1-Propen-1-yl)-2-(2-thiopent-...	194	C7H14S3	1000322-30-2	28





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Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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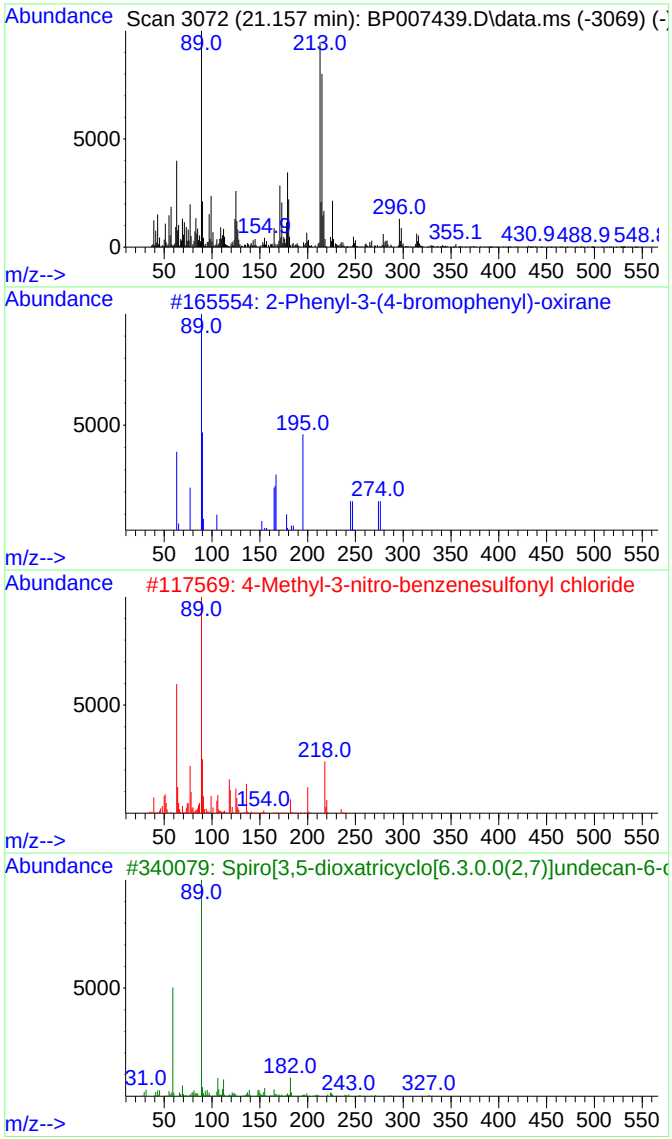
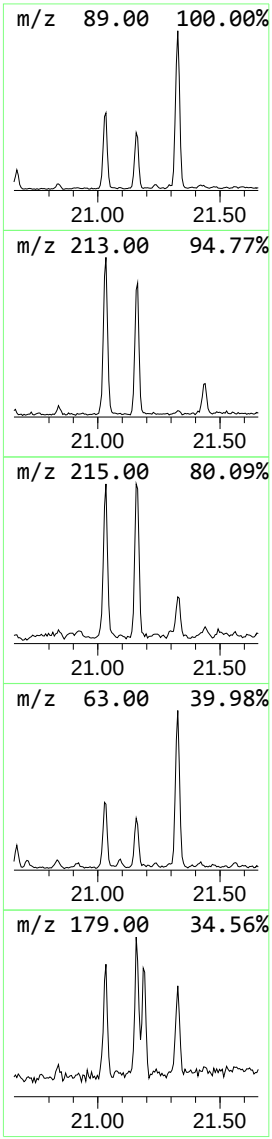
Peak Number 27 unknown-12 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.157	2.48 ng/ul	419871	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-3-(4-bromophenyl)-oxirane	274	C14H11BrO	052881-68-2	40
2	4-Methyl-3-nitro-benzenesulfonyl...	235	C7H6ClNO4S	1000296-09-3	38
3	Spiro[3,5-dioxatricyclo[6.3.0.0(...	514	C27H46O9	1010156-78-4	27
4	9-Octadecene, 1-(2,3-dimethoxypr...	370	C23H46O3	055282-66-1	27
5	3-Hydroxymyristic acid	244	C14H28O3	001961-72-4	16





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Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

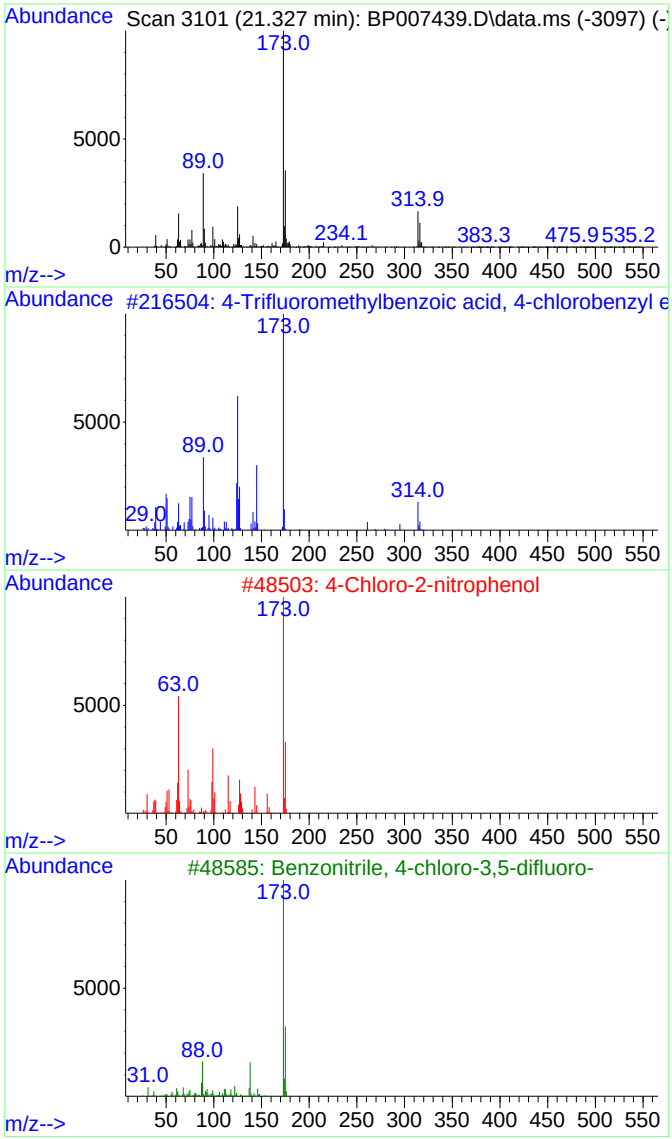
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

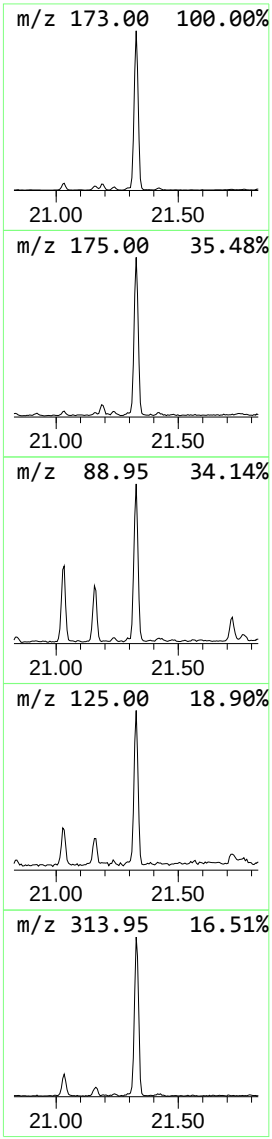
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 4-Trifluoromethylbenzoic ac... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.327	7.31 ng/ul	1237340	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Trifluoromethylbenzoic acid, 4...	314	C15H10ClF3O2	1000280-01-0	50
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	50
3	Benzonitrile, 4-chloro-3,5-diflu...	173	C7H2ClF2N	144797-57-9	49
4	5-Chloro-6-hydroxynicotinic acid	173	C6H4ClNO3	054127-63-8	49
5	3-Chloro-5-fluoro-4-methoxybenzy...	252	C8H7BrClFO	886497-36-5	47





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Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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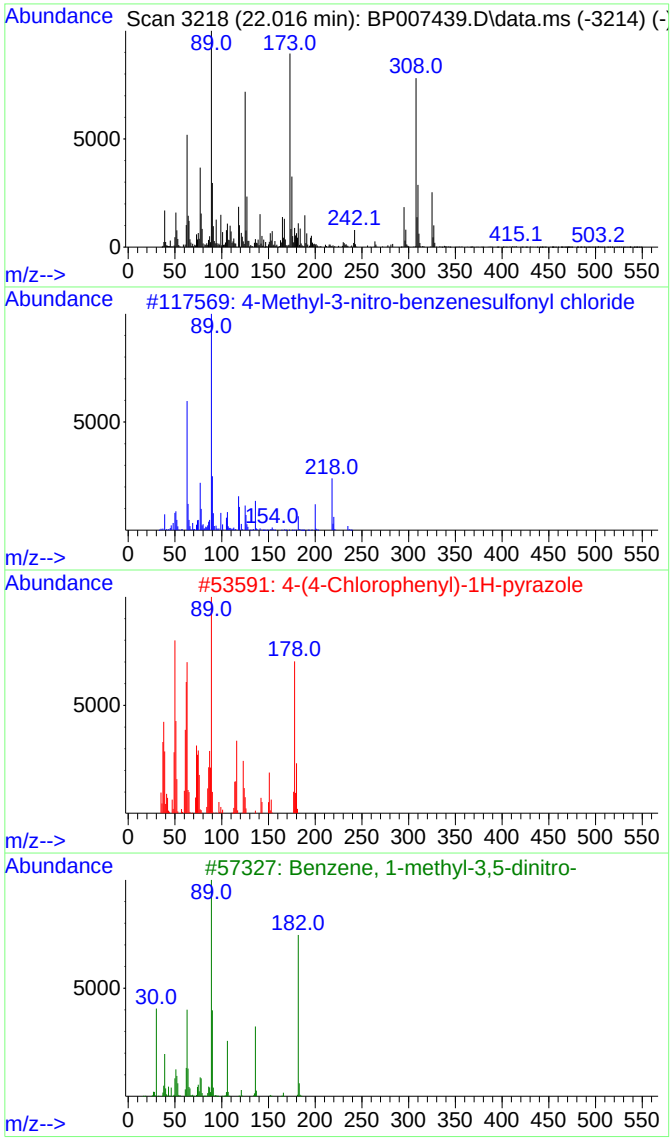
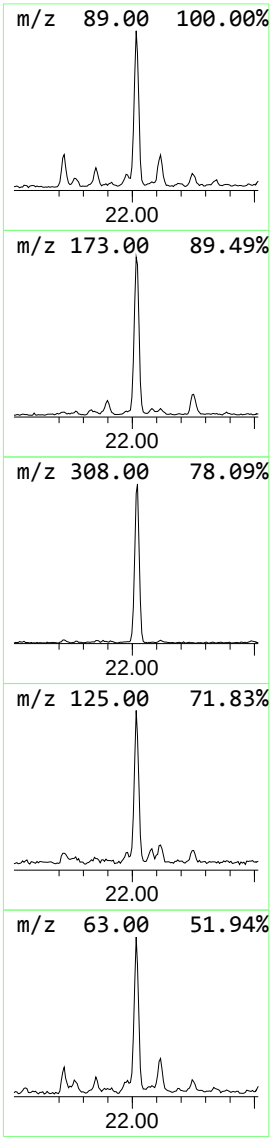
Peak Number 29 unknown-13 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.016	6.91 ng/ul	1170260	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-3-nitro-benzenesulfonyl...	235	C7H6ClNO4S	1000296-09-3	47
2	4-(4-Chlorophenyl)-1H-pyrazole	178	C9H7ClN2	111016-47-8	40
3	Benzene, 1-methyl-3,5-dinitro-	182	C7H6N2O4	000618-85-9	38
4	Benzene, 1-methyl-3,5-dinitro-	182	C7H6N2O4	000618-85-9	35
5	Benzonitrile, 4-methyl-2-nitro-	162	C8H6N2O2	026830-95-5	35





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Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

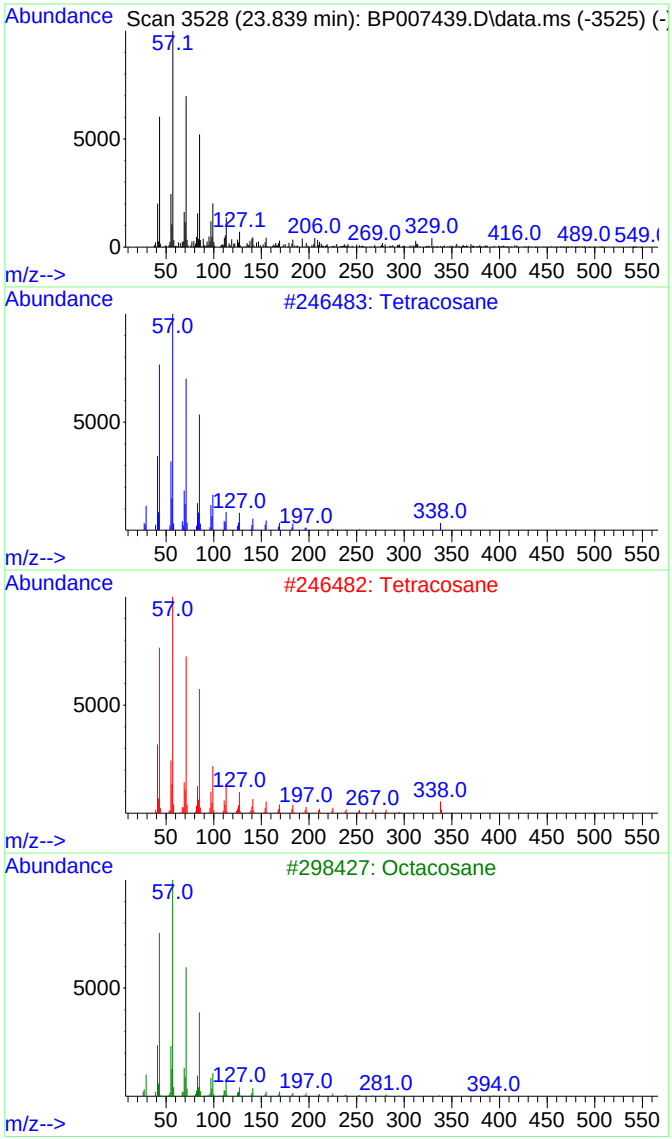
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

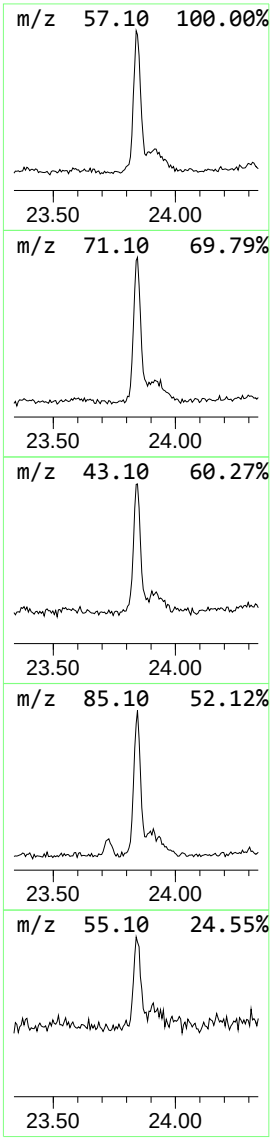
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.839	2.39 ng/ul	404460	Perylene-d12	23.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	Octacosane	394	C28H58	000630-02-4	93
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

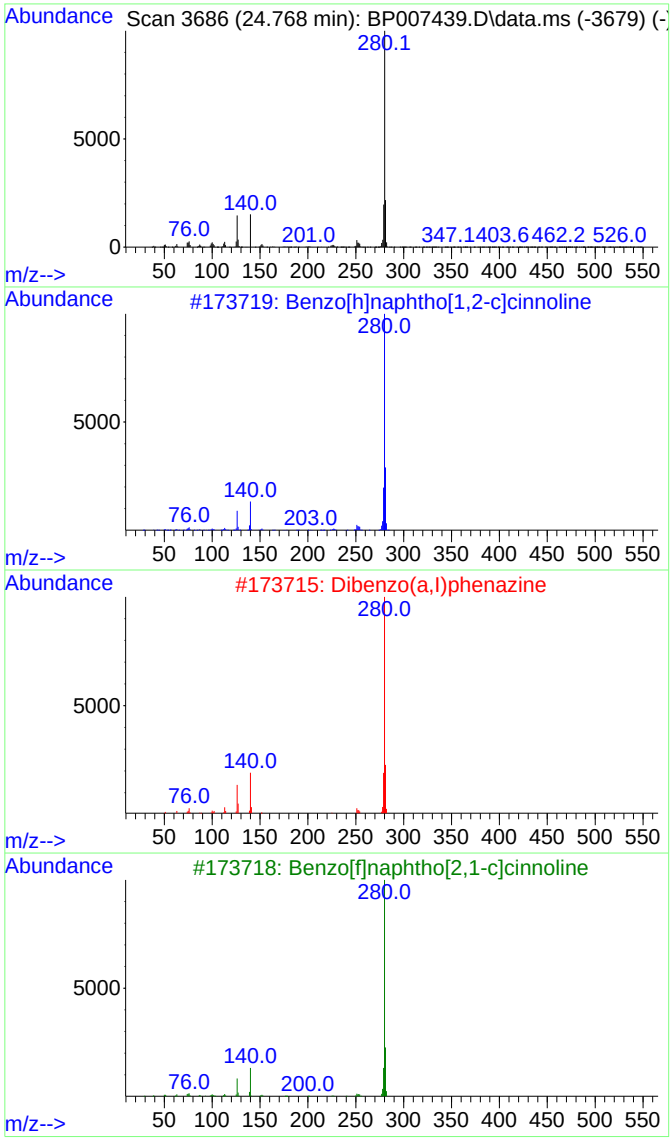
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

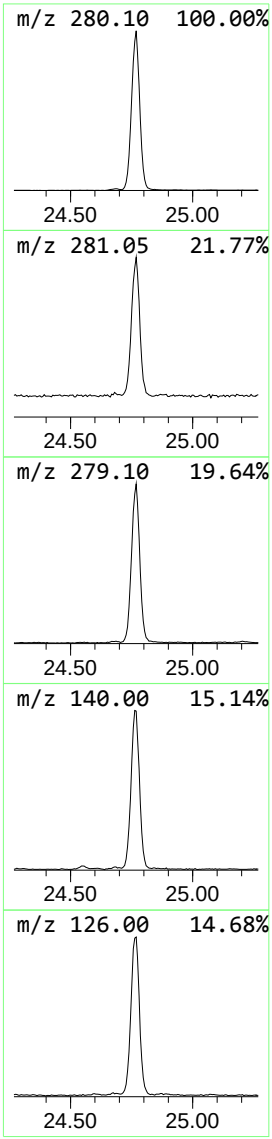
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzo[h]naphtho[1,2-c]cinno... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.768	20.26 ng/ul	3434630	Perylene-d12	23.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]naphtho[1,2-c]cinnoline	280	C20H12N2	000213-51-4	96
2	Dibenzo(a,I)phenazine	280	C20H12N2	000226-98-2	94
3	Benzo[f]naphtho[2,1-c]cinnoline	280	C20H12N2	000188-55-6	90
4	Dibenzo[a,c]phenazine	280	C20H12N2	000215-64-5	87
5	Benzo[a]phenazine-9,10-dicarboni...	280	C18H8N4	1000276-19-4	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007439.D
Acq On : 15 Oct 2021 11:29
Operator : CG/JU
Sample : M4126-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.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
Butane, 2-metho...	3.128	126.7	ng/ul	8555920	1	7.963	1350460	20.0
Benzene, 1,2,4-...	14.410	11.9	ng/ul	1542290	3	14.598	2592780	20.0
unknown-01	15.004	13.2	ng/ul	1710290	3	14.598	2592780	20.0
3-Bromo-6-chlor...	15.122	5.2	ng/ul	673113	3	14.598	2592780	20.0
unknown-02	15.334	5.9	ng/ul	770192	3	14.598	2592780	20.0
unknown-03	15.892	2.7	ng/ul	353897	3	14.598	2592780	20.0
unknown-04	15.957	13.3	ng/ul	1729570	3	14.598	2592780	20.0
1,3-Cyclopentad...	16.387	158.7	ng/ul	23518200	4	17.351	2963950	20.0
Benzenesulfonyl...	16.557	2.0	ng/ul	302762	4	17.351	2963950	20.0
unknown-05	16.675	58.3	ng/ul	8639160	4	17.351	2963950	20.0
2-Naphthalenami...	16.810	7.6	ng/ul	1129830	4	17.351	2963950	20.0
unknown-06	17.034	131.8	ng/ul	19533600	4	17.351	2963950	20.0
unknown-07	17.098	2.0	ng/ul	297725	4	17.351	2963950	20.0
unknown-08	17.198	8.0	ng/ul	1184630	4	17.351	2963950	20.0
unknown-09	17.928	6.1	ng/ul	908716	4	17.351	2963950	20.0
Benzenemethanol...	18.198	4.4	ng/ul	653309	4	17.351	2963950	20.0
n-Hexadecanoic ...	18.245	2.0	ng/ul	301146	4	17.351	2963950	20.0
2,2',4,5-Tetrac...	18.410	2.4	ng/ul	348848	4	17.351	2963950	20.0
1,1'-Biphenyl, ...	18.680	3.1	ng/ul	458988	4	17.351	2963950	20.0
Diazene, bis(2-...	18.881	4.0	ng/ul	598590	4	17.351	2963950	20.0
2,3',5',6-Tetra...	19.198	2.8	ng/ul	417215	4	17.351	2963950	20.0
1,1'-Biphenyl, ...	19.233	2.8	ng/ul	418706	4	17.351	2963950	20.0
1,1'-Biphenyl, ...	19.439	2.3	ng/ul	381373	5	21.439	3386040	20.0
unknown-10	19.857	6.0	ng/ul	1023030	5	21.439	3386040	20.0
Diazene, bis(3,...	20.710	2.9	ng/ul	481849	5	21.439	3386040	20.0
unknown-11	21.033	3.0	ng/ul	503099	5	21.439	3386040	20.0
unknown-12	21.157	2.5	ng/ul	419871	5	21.439	3386040	20.0
4-Trifluorometh...	21.327	7.3	ng/ul	1237340	5	21.439	3386040	20.0
unknown-13	22.016	6.9	ng/ul	1170260	5	21.439	3386040	20.0
(DEL) Alkane: S...	23.839	2.4	ng/ul	404460	6	23.898	3390000	20.0
Benzo[h]naphtho...	24.768	20.3	ng/ul	3434630	6	23.898	3390000	20.0