LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

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: BP007427.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.129	3	7	29	rVB	6243685	9933536	9.57%	3.909%
2	3.805	119	122	132	rBV2	135865	232373	0.22%	0.091%
3	3.911	135	140	147	rVB	83155	116502	0.11%	0.046%
4	7.117	677	685	694	rBV	334858	546208	0.53%	0.215%
5	7.287	707	714	723	rBV2	308516	518445	0.50%	0.204%
6	7.487	741	748	756	rBV	326275	534580	0.52%	0.210%
7	7.964	822	829	837	rBV	932355	1490590	1.44%	0.587%
8	8.664	942	948	956	rBV	296883	477821	0.46%	0.188%
9	9.116	1016	1025	1034	rBV	303127	498524	0.48%	0.196%
10	9.840	1142	1148	1157	rBV	199782	336049	0.32%	0.132%
11	10.381	1229	1240	1250	rBV	400307	664518	0.64%	0.262%
12	10.546	1260	1268	1274	rBV	102304	166626	0.16%	0.066%
13	10.769	1297	1306	1312	rBV	1238050	2134202	2.06%	0.840%
14	10.893	1320	1327	1335	rBV	364579	632628	0.61%	0.249%
15	12.334	1566	1572	1581	rBV2	97344	171250	0.17%	0.067%
16	13.975	1846	1851	1852	rVV	118780	161620	0.16%	0.064%
17	14.004	1852	1856	1868	rVB	757429	1084185	1.04%	0.427%
18	14.287	1894	1904	1918	rBV	791605	1347262	1.30%	0.530%
19	14.410	1918	1925	1947	rVB	3775539	9237988	8.90%	3.635%
20	14.598	1947	1957	1964	rBV	1682670	2781440	2.68%	1.095%
21	14.657	1964	1967	1975	rVV	153360	244591	0.24%	0.096%
22	14.751	1975	1983	2000	rVV2	1594267	3021807	2.91%	1.189%
23	14.998	2019	2025	2032	rBV2	326661	510538	0.49%	0.201%
24	15.334	2075	2082	2094	rBV	1461081	2370302	2.28%	0.933%
25	15.587	2118	2125	2130	rBV	1094490	1591572	1.53%	0.626%
26	15.640	2130	2134	2138	rVV	149225	208016	0.20%	0.082%
27	15.693	2138	2143	2145	rVV2	117908	174696	0.17%	0.069%
28	15.728	2145	2149	2154	rVB	359335	490089	0.47%	0.193%
29	15.893	2164	2177	2182	rBV2	750645	1670826	1.61%	0.658%
30	16.087	2205	2210	2216	rBV	55906	107161	0.10%	0.042%
31	16.145	2216	2220	2232	rVB3	179079	337422	0.33%	0.133%
32	16.293	2237	2245	2253	rBV	595987	1336707	1.29%	0.526%
33	16.428	2253	2268	2272	rBV	30963257	103750812	100.00%	40.829%
34	16.675	2303	2310	2322	rVB	3707664	5848157	5.64%	2.301%
35	17.028	2360	2370	2377	rBV	7848447	14604921	14.08%	5.747%
36	17.098	2377	2382	2390	rVV	4753298	7680832	7.40%	3.023%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

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	17.210	2390	2401	2413	rVB	11294163	18825966	18.15%	7.408%
38	17.351	2414	2425	2429	rBV	2023335	3822413	3.68%	1.504%
39	17.392	2429	2432	2437	rVV	1759270	2493213	2.40%	0.981%
40	17.451	2437	2442	2445	rVV	1090019	1575429	1.52%	0.620%
41	17.481	2445	2447	2453	rVB	372991	478085	0.46%	0.188%
42	17.745	2484	2492	2499	rBV2	187163	322989	0.31%	0.127%
43	17.934	2517	2524	2528	rVV	6785747	10037061	9.67%	3.950%
44	17.969	2528	2530	2543	rVV	334321	484605	0.47%	0.191%
45	18.192	2562	2568	2574	rBV2	936771	1575837	1.52%	0.620%
46	18.257	2574	2579	2586	rVV2	306502	626349	0.60%	0.246%
47	18.339	2589	2593	2597	rVV	95726	136604	0.13%	0.054%
48	18.404	2598	2604	2607	rVV3	322848	530588	0.51%	0.209%
49	18.439	2607	2610	2617	rVV	168849	252389	0.24%	0.099%
50	18.698	2649	2654	2656	rBV	140746	185730	0.18%	0.073%
51	18.728	2656	2659	2664	rVB	131415	168795	0.16%	0.066%
52	18.934	2688	2694	2699	rBV4	63973	144164	0.14%	0.057%
53	19.098	2717	2722	2727	rVV2	103739	163053	0.16%	0.064%
54	19.175	2727	2735	2741	rVV4	180834	433078	0.42%	0.170%
55	19.228	2741	2744	2753	rVB	150821	262202	0.25%	0.103%
56	19.351	2760	2765	2771	rVB	2837137	3697786	3.56%	1.455%
57	19.469	2783	2785	2793	rVB2	101904	154845	0.15%	0.061%
58	19.622	2808	2811	2815	rVB	247636	265422	0.26%	0.104%
59	19.675	2815	2820	2822	rVV2	1595579	2104164	2.03%	0.828%
60	19.704	2822	2825	2833	rVV	1569960	2114506	2.04%	0.832%
61	19.775	2833	2837	2843	rVB2	117747	177197	0.17%	0.070%
62	19.875	2850	2854	2860	rBV	159280	213842	0.21%	0.084%
63	19.933	2860	2864	2870	rVB	128632	176109	0.17%	0.069%
64	20.016	2874	2878	2879	rBV	138415	173681	0.17%	0.068%
65	20.151	2897	2901	2903	rBV2	107412	160547	0.15%	0.063%
66	20.186	2903	2907	2911	rVB	342766	476479	0.46%	0.188%
67	20.281	2919	2923	2927	rBV	212426	274432	0.26%	0.108%
68	20.339	2927	2933	2937	rVV2	211586	356141	0.34%	0.140%
69	20.475	2953	2956	2960	rBV	91295	120294	0.12%	0.047%
70	20.522	2960	2964	2968	rBV2	130327	197100	0.19%	0.078%
71	20.639	2981	2984	2990	rVB	266627	299064	0.29%	0.118%
72	20.710	2993	2996	3000	rBV3	82508	132902	0.13%	0.052%
73	20.916	3027	3031	3038	rVB	287105	402170	0.39%	0.158%
74	21.028	3045	3050	3053	rBV	572397	711094	0.69%	0.280%
75	21.080	3053	3059	3062	rVV2	211034	389361	0.38%	0.153%
76	21.116	3062	3065	3068	rVV	211109	272484	0.26%	0.107%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

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	21.151	3068	3071	3076	rVV3	750085	1121533	1.08%	0.441%
78	21.204	3076	3080	3088	rVB2	333391	515241	0.50%	0.203%
79	21.322	3095	3100	3107	rBV	2220610	2660725	2.56%	1.047%
80	21.428	3111	3118	3122	rVV2	2898741	5736492	5.53%	2.257%
81	21.469	3122	3125	3136	rVB	1243928	1717138	1.66%	0.676%
82	21.592	3143	3146	3151	rBV3	160327	310423	0.30%	0.122%
83	21.769	3171	3176	3180	rBV2	341894	540599	0.52%	0.213%
84	22.016	3214	3218	3223	rVB2	271944	434686	0.42%	0.171%
85	22.075	3224	3228	3234	rVB2	266313	404736	0.39%	0.159%
86	22.180	3243	3246	3251	rVB2	254182	333780	0.32%	0.131%
87	22.510	3299	3302	3312	rVB6	121153	210199	0.20%	0.083%
88	22.686	3328	3332	3338	rVB	620037	978864	0.94%	0.385%
89	23.133	3402	3408	3413	rBV	975208	2329108	2.24%	0.917%
90	23.722	3504	3508	3512	rVV	328847	547364	0.53%	0.215%
91	23.769	3513	3516	3522	rVB	271446	457566	0.44%	0.180%
92	23.880	3529	3535	3543	rVB2	1637778	3412240	3.29%	1.343%

Sum of corrected areas: 254113660

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
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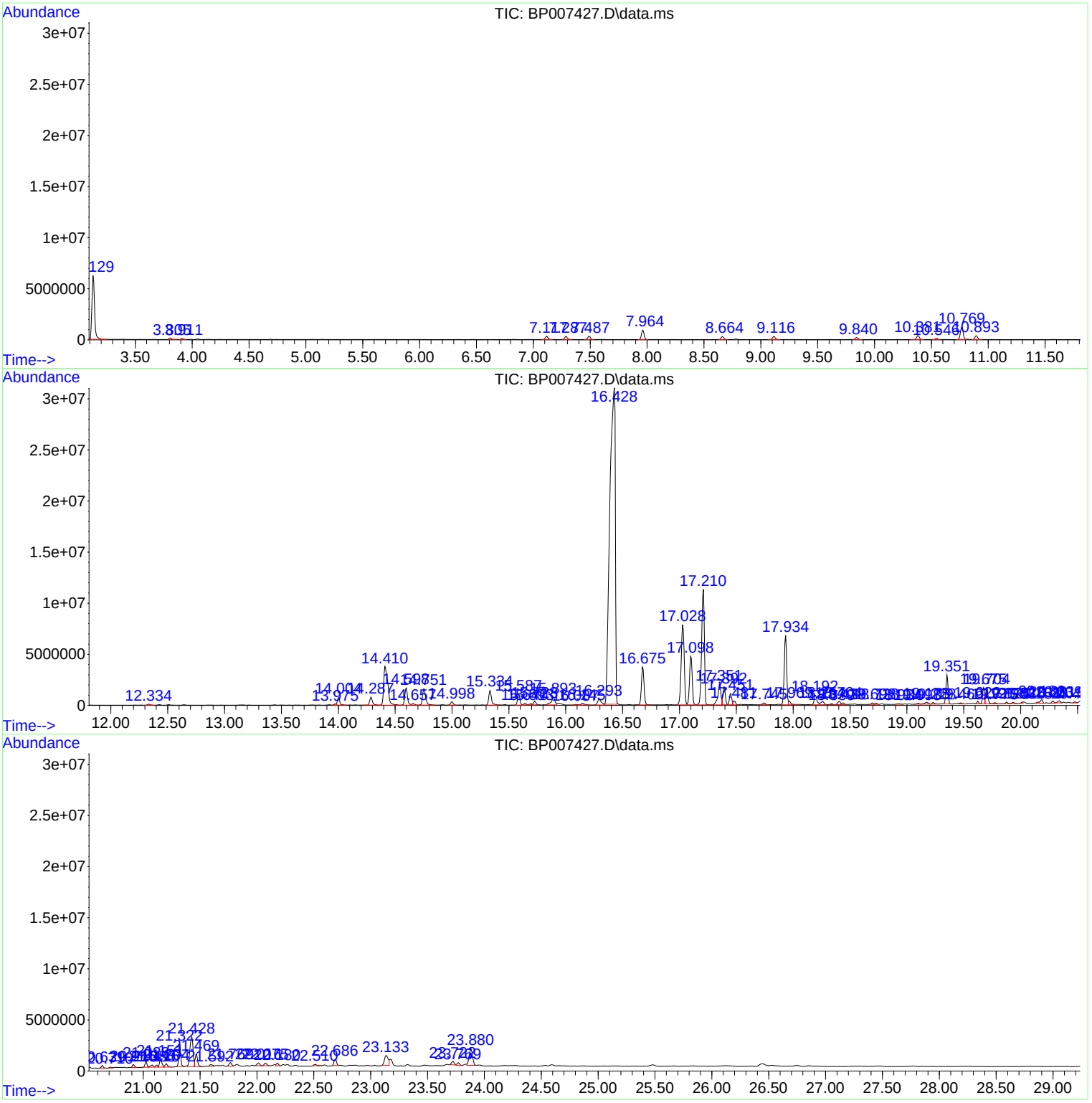
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA4

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 : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

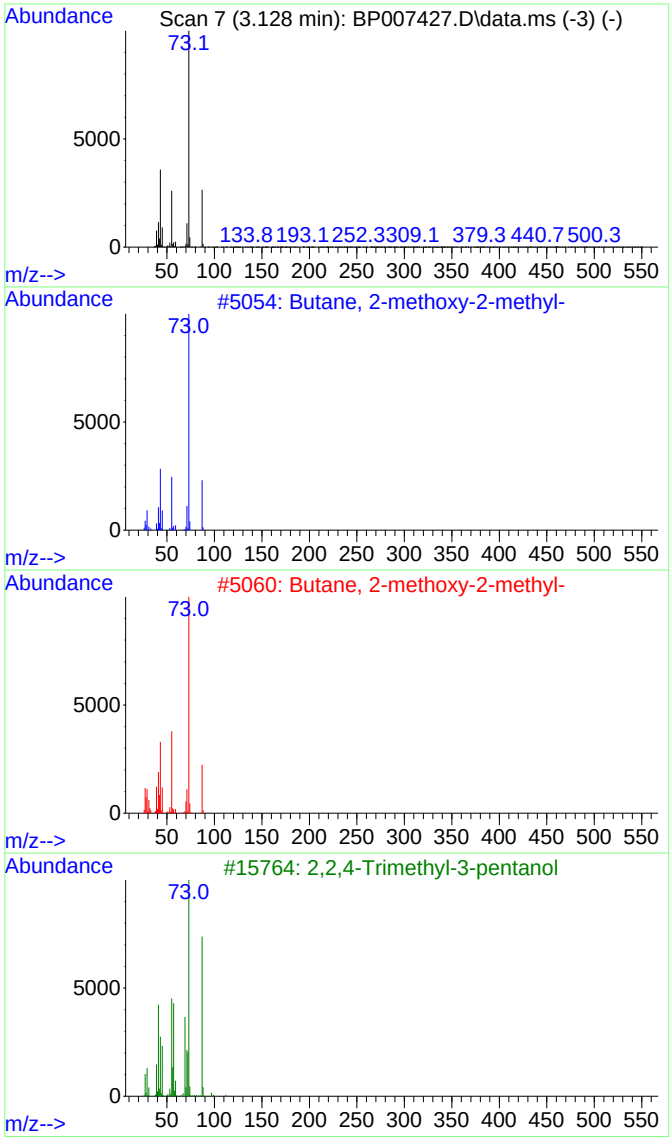
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

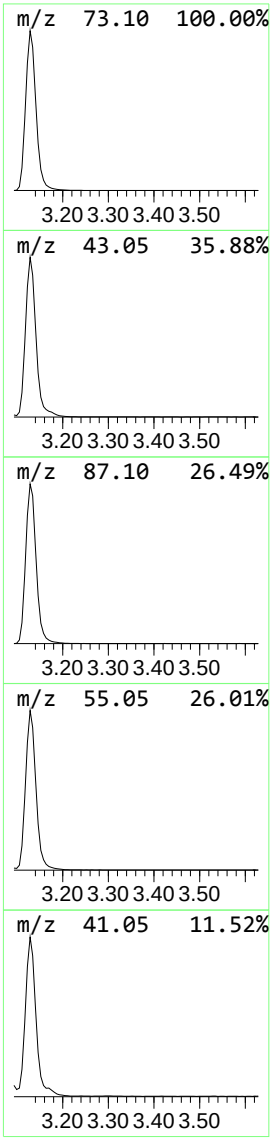
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	133.28 ng/ul	9933540	1,4-Dichlorobenzene-d4	7.964

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	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA4

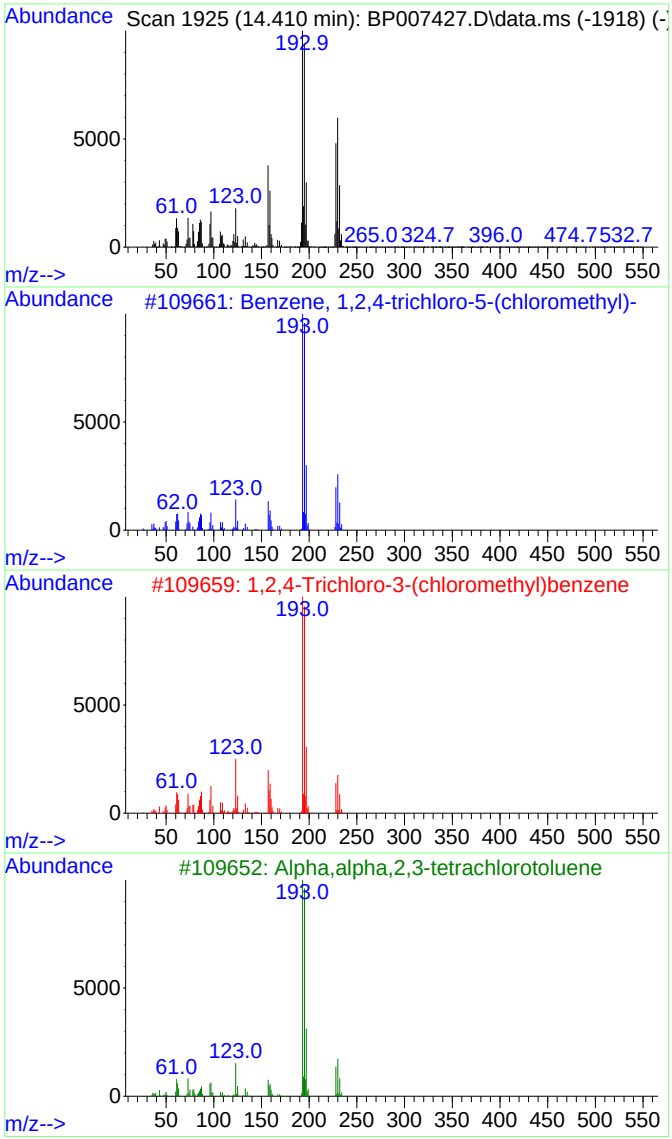
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

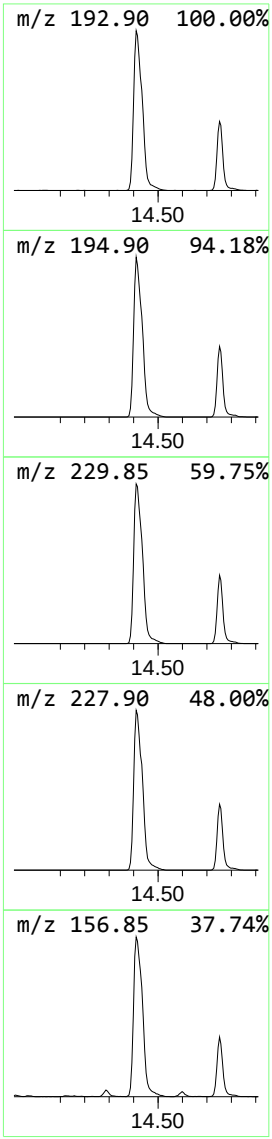
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.410	66.43 ng/ul	9237990	Acenaphthene-d10	14.599

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





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ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA4

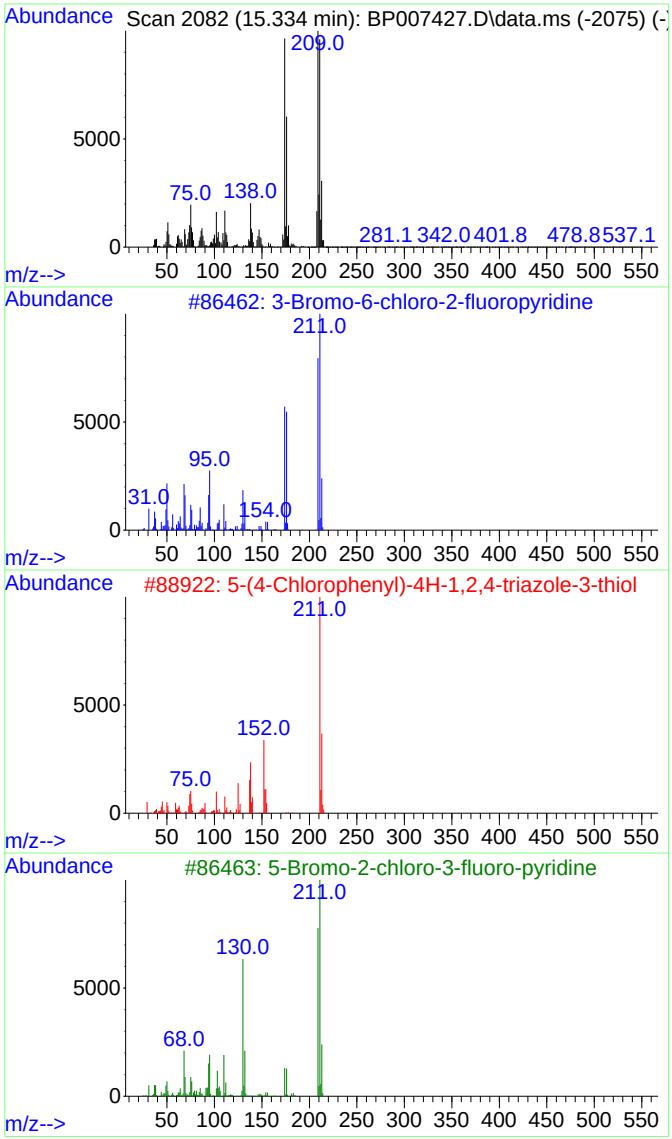
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

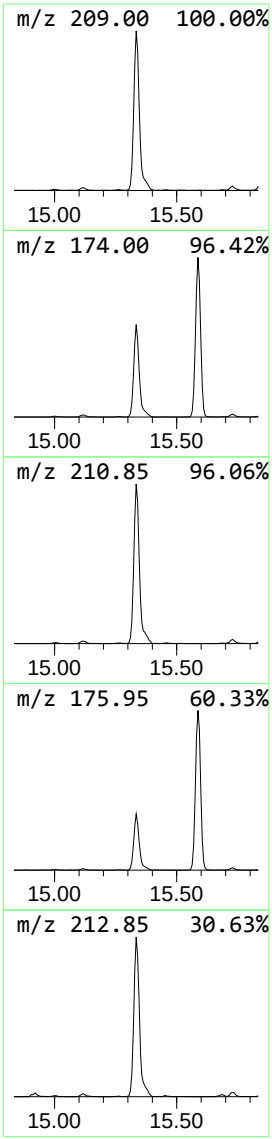
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Bromo-6-chloro-2-fluoropy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.334	17.04 ng/ul	2370300	Acenaphthene-d10	14.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-6-chloro-2-fluoropyridine	209	C5H2BrClFN	885952-18-1	53
2	5-(4-Chlorophenyl)-4H-1,2,4-tria...	211	C8H6ClN3S	026028-65-9	30
3	5-Bromo-2-chloro-3-fluoro-pyridine	209	C5H2BrClFN	831203-13-5	30
4	2-Fluoro-5H-dibenz[b,f]azepine	211	C14H10FN	024986-53-6	25
5	2-(4-Chlorophenyl)-4-hydroxy-5-m...	209	C9H8ClN3O	203444-18-2	25





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Sample : M4126-04
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ALS Vial : 25 Sample Multiplier: 1

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

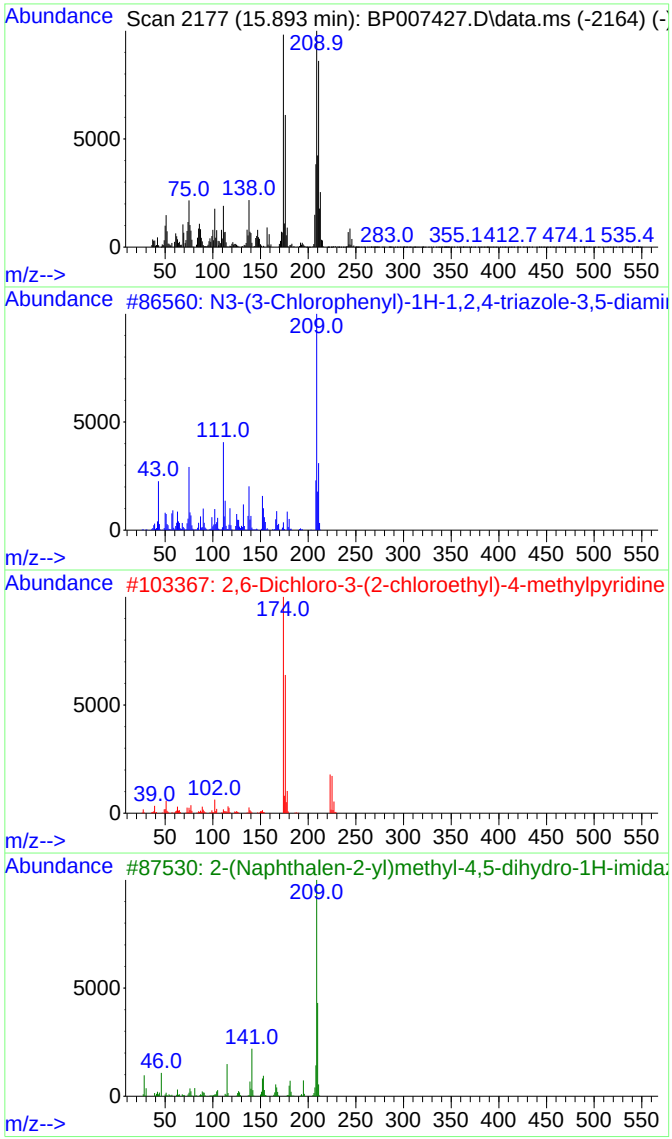
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

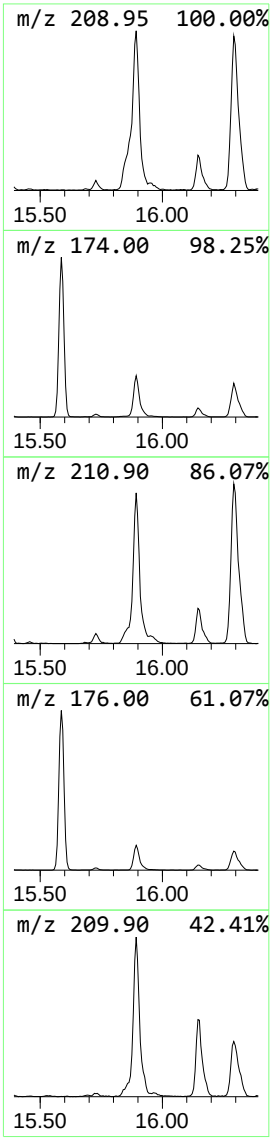
****

Peak Number 4 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.893	12.01 ng/ul	1670830	Acenaphthene-d10	14.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N3-(3-Chlorophenyl)-1H-1,2,4-tri...	209	C8H8ClN5	1000476-69-9	22
2	2,6-Dichloro-3-(2-chloroethyl)-4...	223	C8H8Cl3N	007085-03-2	14
3	2-(Naphthalen-2-yl)methyl-4,5-di...	210	C14H14N2	022126-67-6	14
4	Carbazole, 1,4,8-trimethyl-	209	C15H15N	078787-83-4	14
5	1-(4-Chlorophenyl)imidazoline-2-...	210	C9H7ClN2S	017452-12-9	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

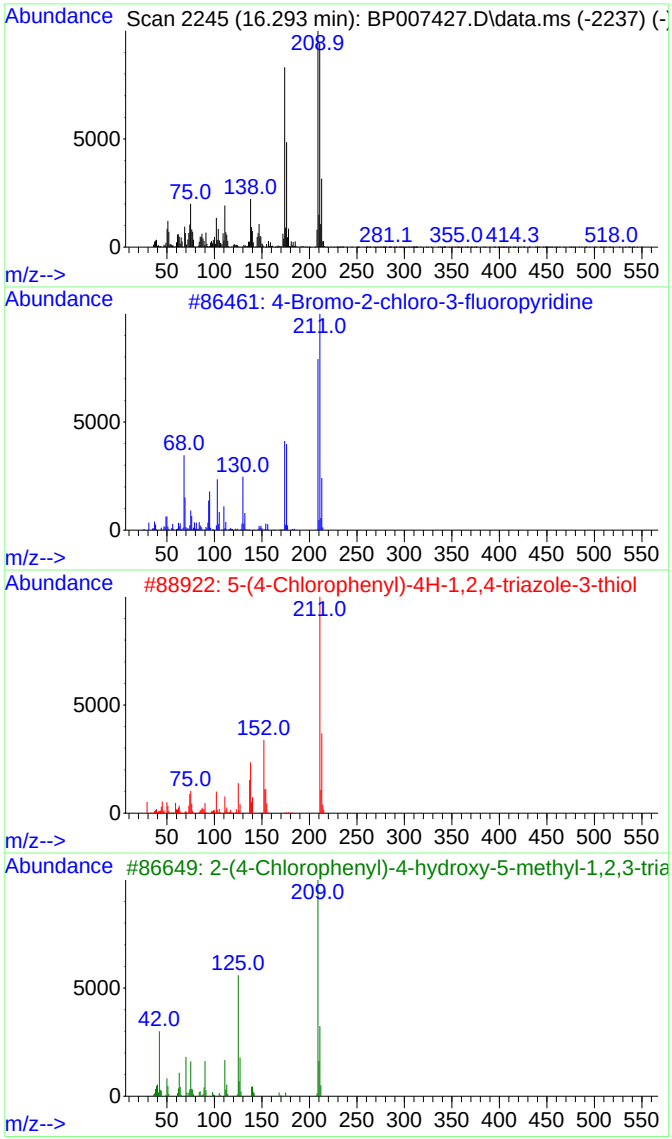
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

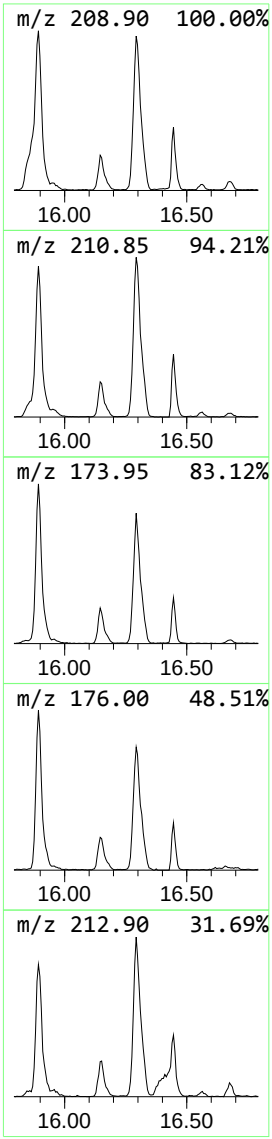
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Bromo-2-chloro-3-fluoropy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	6.99 ng/ul	1336710	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromo-2-chloro-3-fluoropyridine	209	C5H2BrClFN	1211526-56-5	59
2	5-(4-Chlorophenyl)-4H-1,2,4-tria...	211	C8H6ClN3S	026028-65-9	25
3	2-(4-Chlorophenyl)-4-hydroxy-5-m...	209	C9H8ClN3O	203444-18-2	22
4	2-Fluoro-5H-dibenz[b,f]azepine	211	C14H10FN	024986-53-6	18
5	Succinic acid, 3-chlorophenyl 3,...	312	C16H21ClO4	1000390-62-8	14





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Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA4

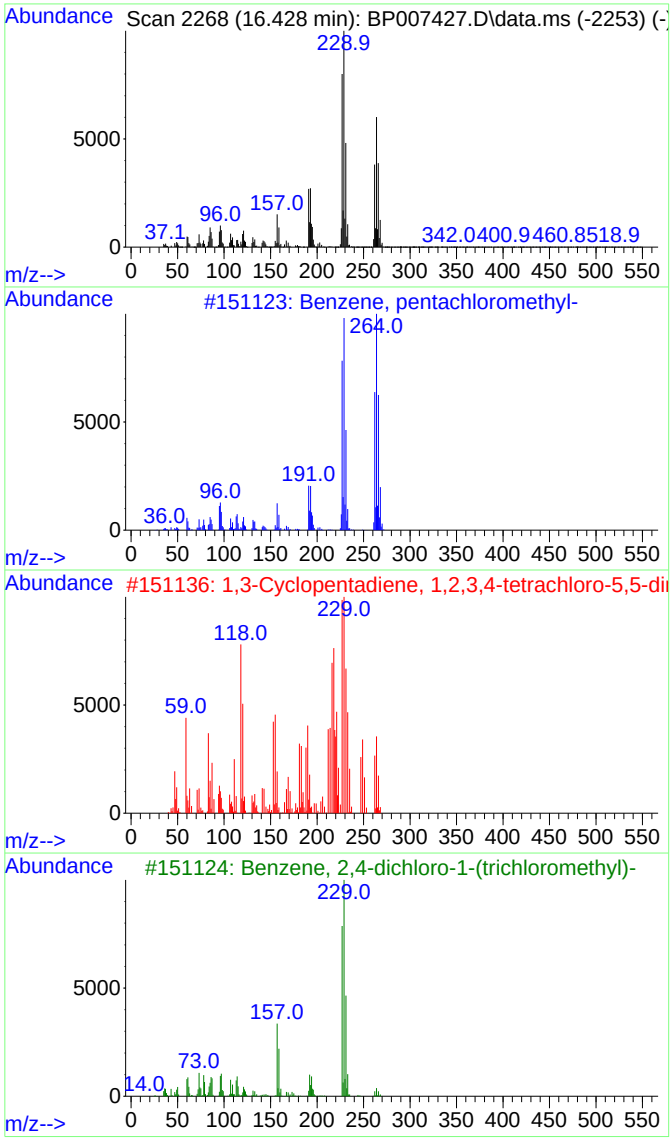
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

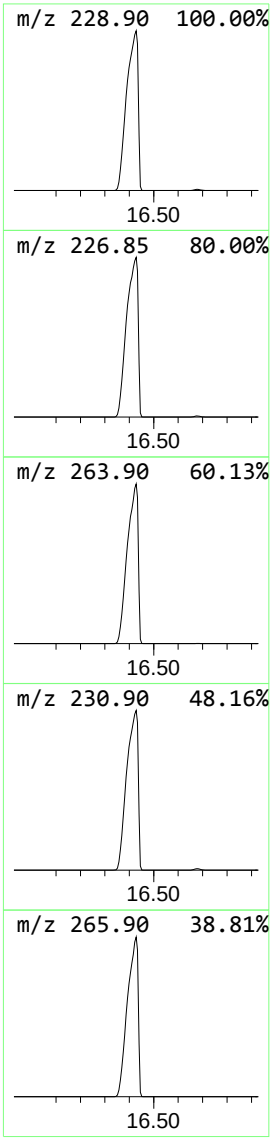
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, pentachloromethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.428	542.86 ng/ul	103751000	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentachloromethyl-	262	C7H3Cl5	000877-11-2	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	262	C7H6Cl4O2	002207-27-4	94
3	Benzene, 2,4-dichloro-1-(trichlo...	262	C7H3Cl5	013014-18-1	52
4	Benzene, 2,4-dichloro-1-(trichlo...	262	C7H3Cl5	013014-18-1	52
5	Benzene, 1,2-dichloro-4-(trichlo...	262	C7H3Cl5	013014-24-9	50





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Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

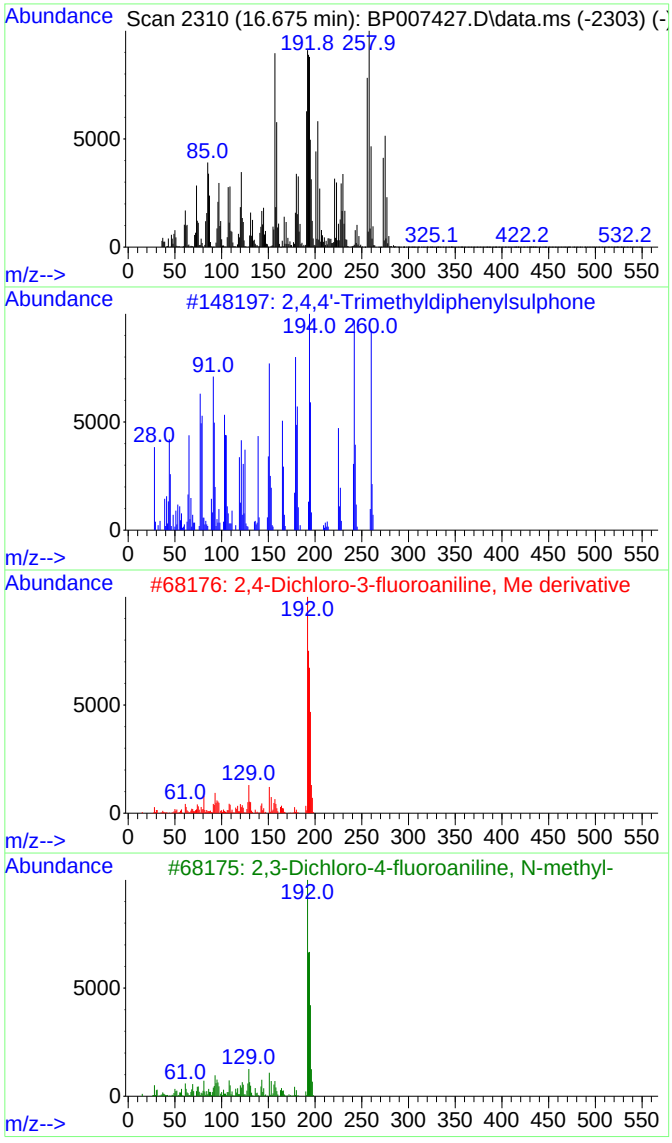
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

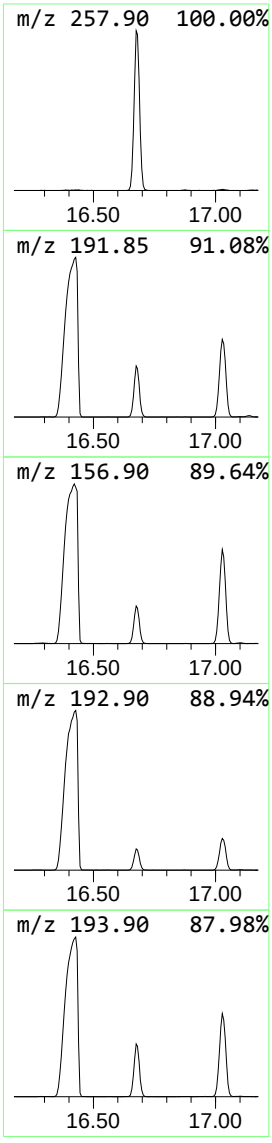
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4,4'-Trimethyldiphenylsul... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.675	30.60 ng/ul	5848160	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4'-Trimethyldiphenylsulphone	260	C15H16O2S	013249-97-3	53
2	2,4-Dichloro-3-fluoroaniline, Me...	193	C7H6Cl2FN	1010497-83-5	38
3	2,3-Dichloro-4-fluoroaniline, N-...	193	C7H6Cl2FN	1000506-36-0	30
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	14
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	14





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Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

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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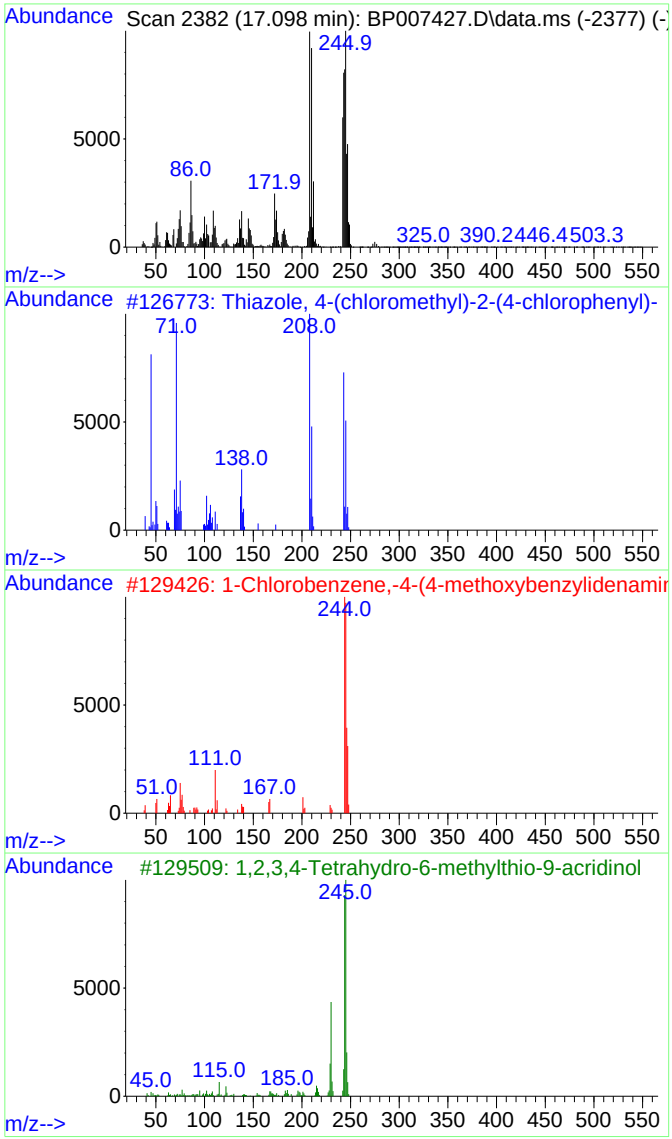
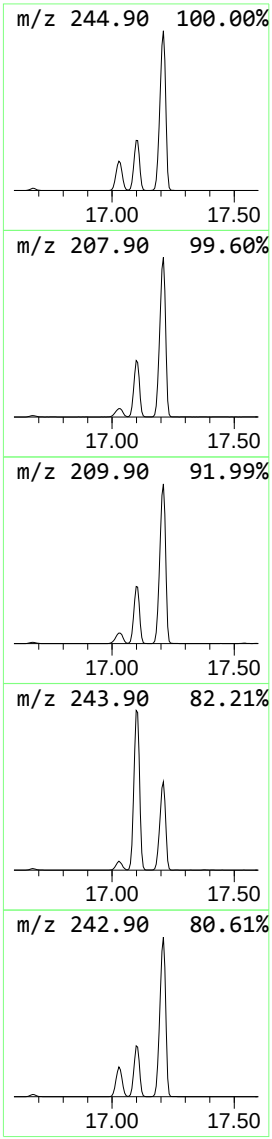
Peak Number 9 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	40.19 ng/ul	7680830	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	1-Chlorobenzene,-4-(4-methoxyben...	245	C14H12ClNO	1000221-92-4	30
3	1,2,3,4-Tetrahydro-6-methylthio-...	245	C14H15NOS	1010257-08-8	18
4	5-Bromoquinoxaline	208	C8H5BrN2	076982-23-5	15
5	5-Bromo-2,3-difluorophenol	208	C6H3BrF2O	186590-26-1	15





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Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

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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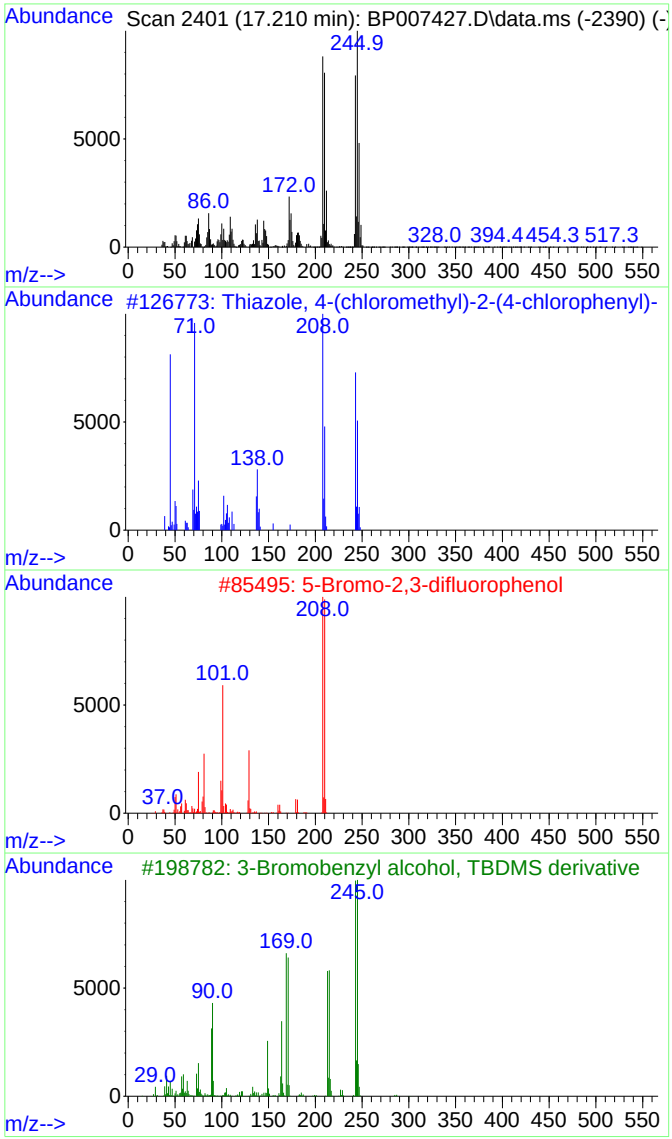
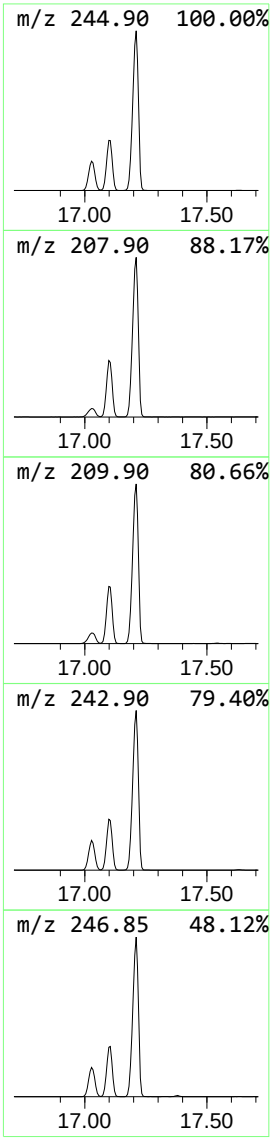
Peak Number 10 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.210	98.50 ng/ul	18826000	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	30
3	3-Bromobenzyl alcohol, TBDMS der...	300	C13H21BrOSi	1000364-14-9	30
4	2,5-Cyclohexadiene-1,4-dione, 2,...	208	C6H2Cl2O4	000087-88-7	27
5	6-Chloro-2-methyl-4-thionochromone	210	C10H7ClOS	133406-31-2	15





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Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

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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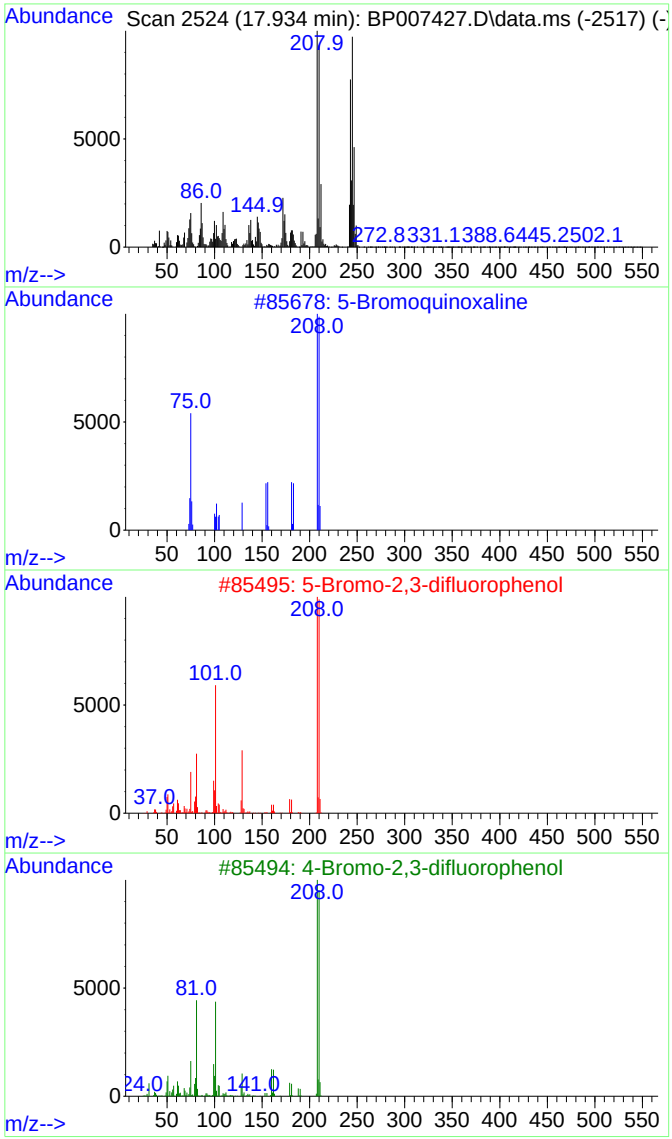
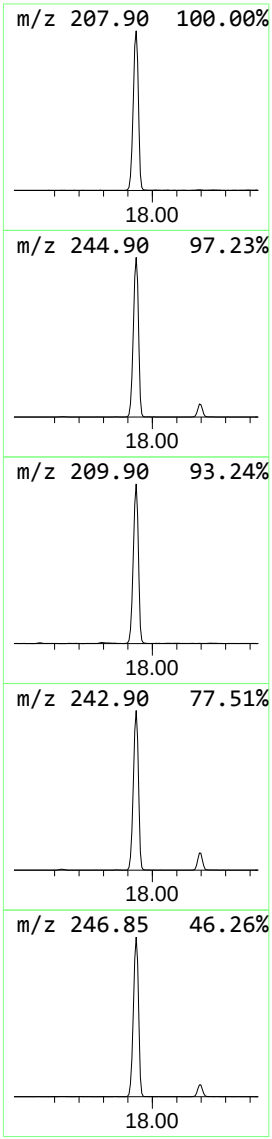
Peak Number 11 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.934	52.52 ng/ul	10037100	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromoquinoxaline	208	C8H5BrN2	076982-23-5	38
2	5-Bromo-2,3-difluorophenol	208	C6H3BrF2O	186590-26-1	30
3	4-Bromo-2,3-difluorophenol	208	C6H3BrF2O	144292-32-0	30
4	3-Bromobenzyl alcohol, TBDMS der...	300	C13H21BrOSi	1000364-14-9	27
5	12,13-Dioxapentacyclo[5.2.1.1(2,...	210	C11H11ClO2	1000191-51-6	25





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Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

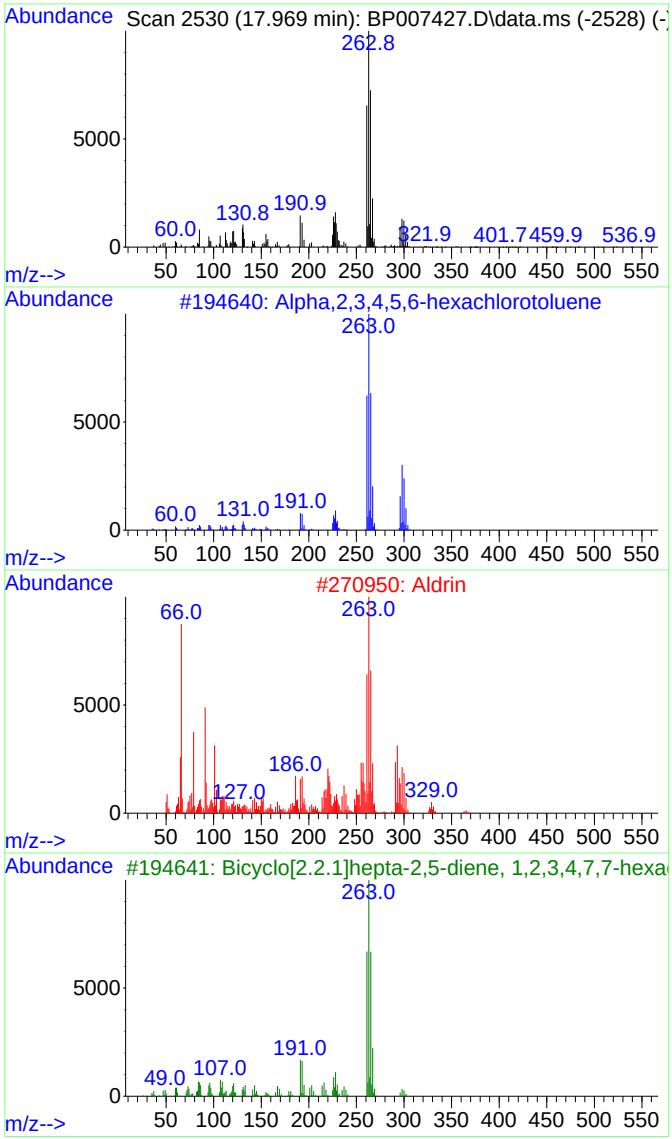
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

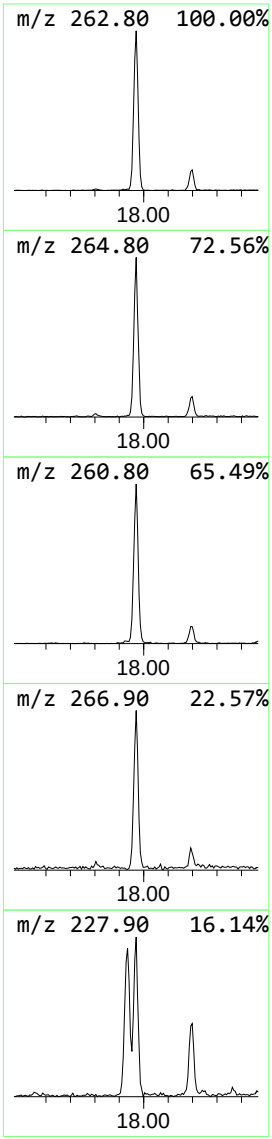
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Alpha,2,3,4,5,6-hexachlorot... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	2.54 ng/ul	484605	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alpha,2,3,4,5,6-hexachlorotoluene	296	C7H2Cl6	002136-78-9	95
2	Aldrin	362	C12H8Cl6	000309-00-2	74
3	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	72
4	2,3,4,5,6-Pentachlorobenzyl 3-et...	518	C18H15Cl5O5S	1000332-55-0	45
5	Benzene, 2-bromo-1,3-bis(bromome...	340	C8H7Br3	025006-88-6	45





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Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

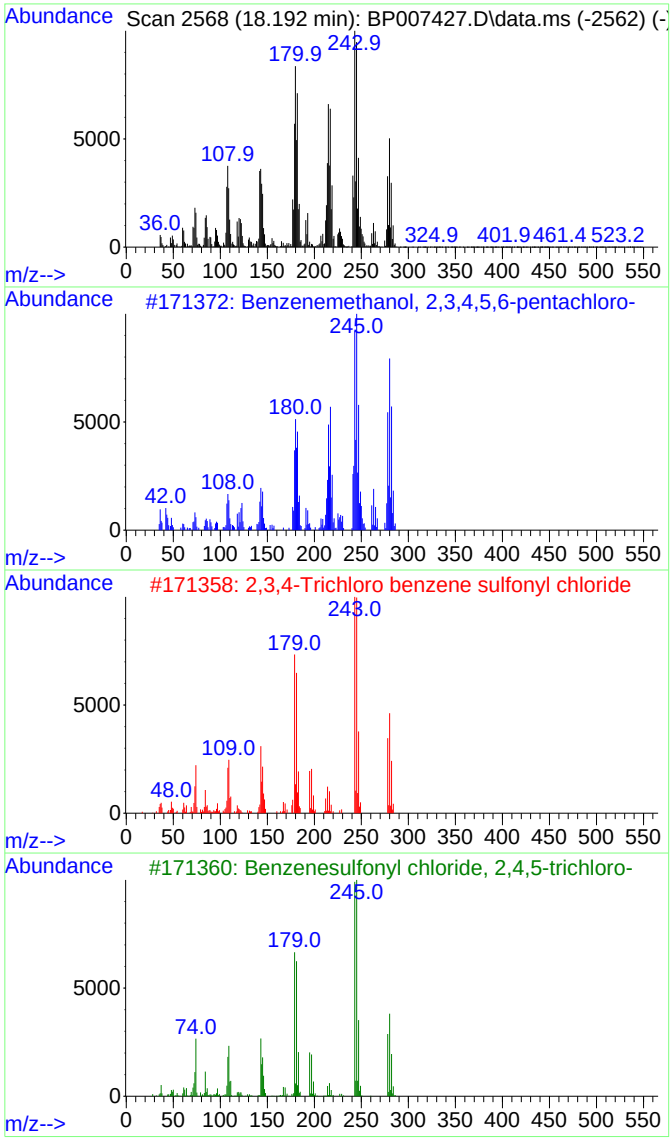
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

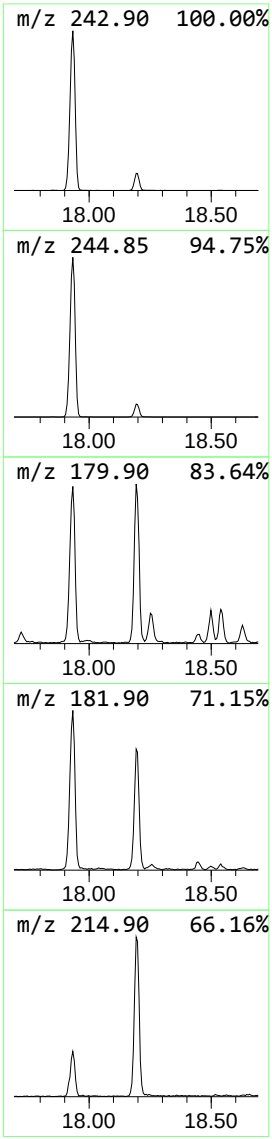
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzenemethanol, 2,3,4,5,6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	8.25 ng/ul	1575840	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	95
2	2,3,4-Trichloro benzene sulfonyl...	278	C6H2Cl4O2S	034732-09-7	78
3	Benzenesulfonyl chloride, 2,4,5-...	278	C6H2Cl4O2S	015945-07-0	78
4	2,3,4-Trichloro benzene sulfonyl...	278	C6H2Cl4O2S	034732-09-7	78
5	Benzenesulfonyl chloride, 2,4,5-...	278	C6H2Cl4O2S	015945-07-0	70





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Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA4

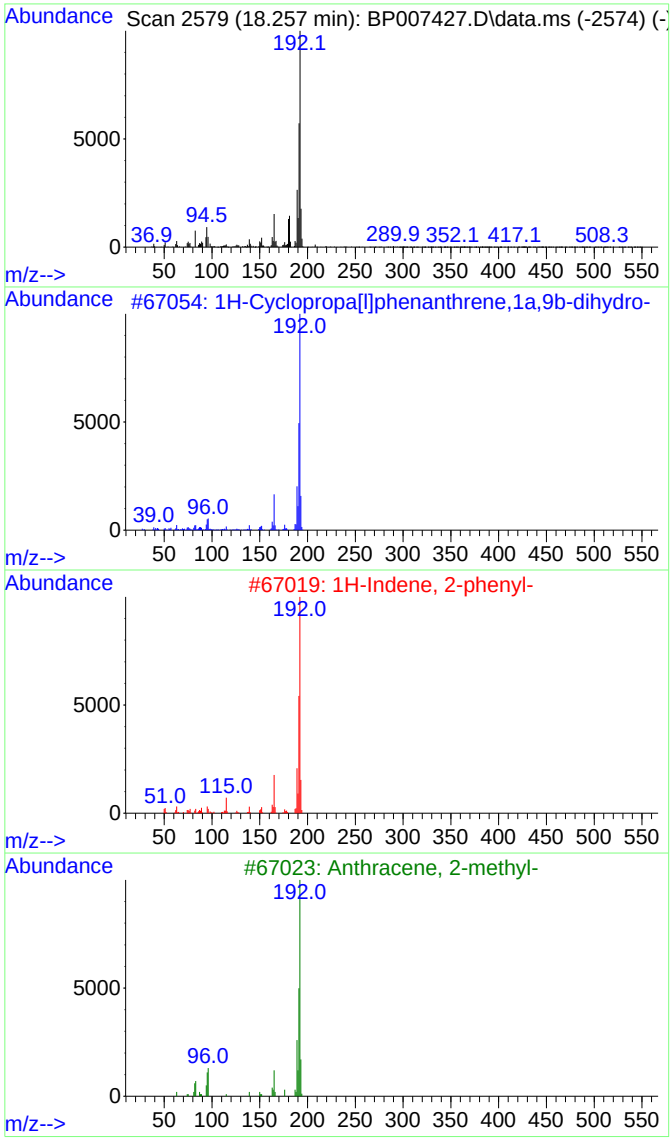
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

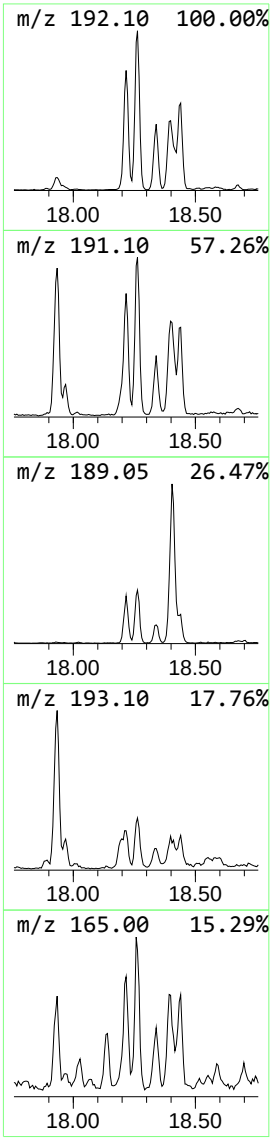
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	3.28 ng/ul	626349	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





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Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

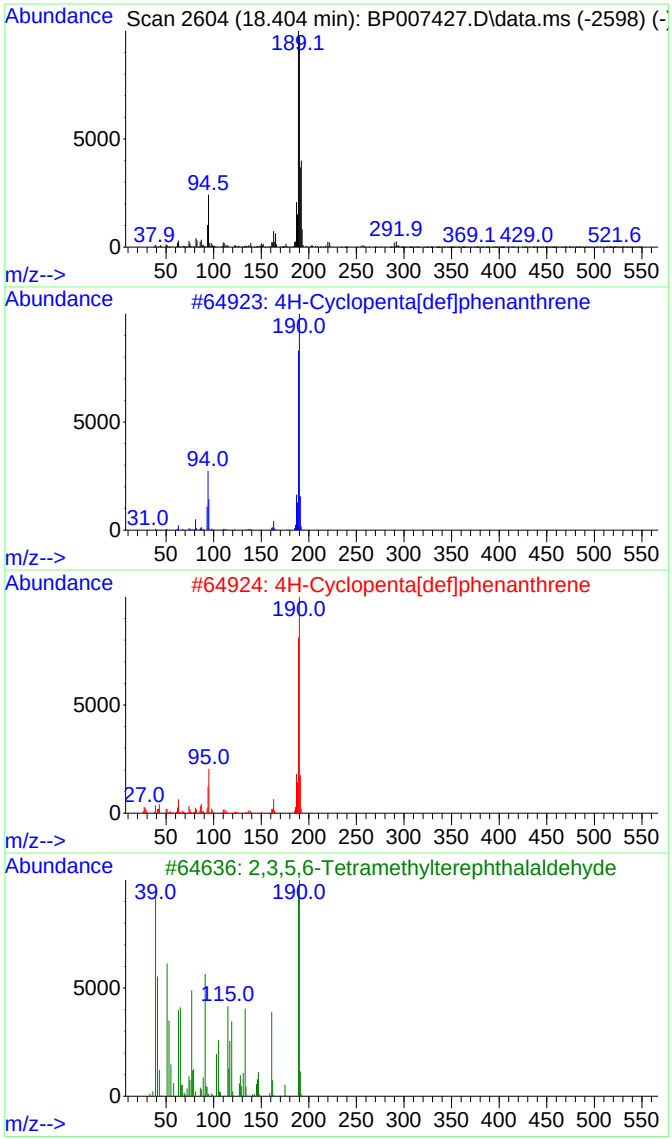
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

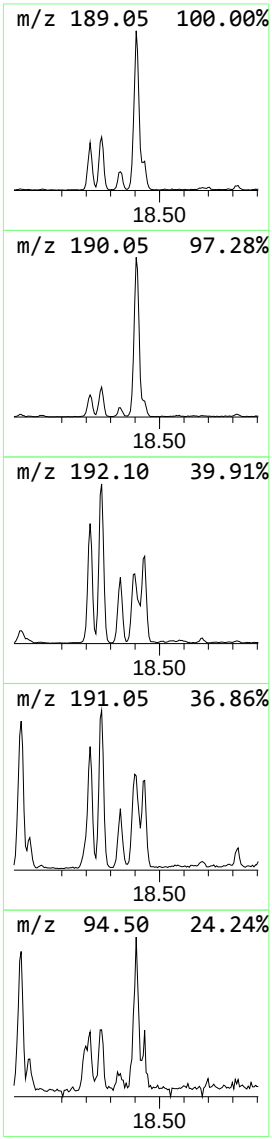
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	2.78 ng/ul	530588	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





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Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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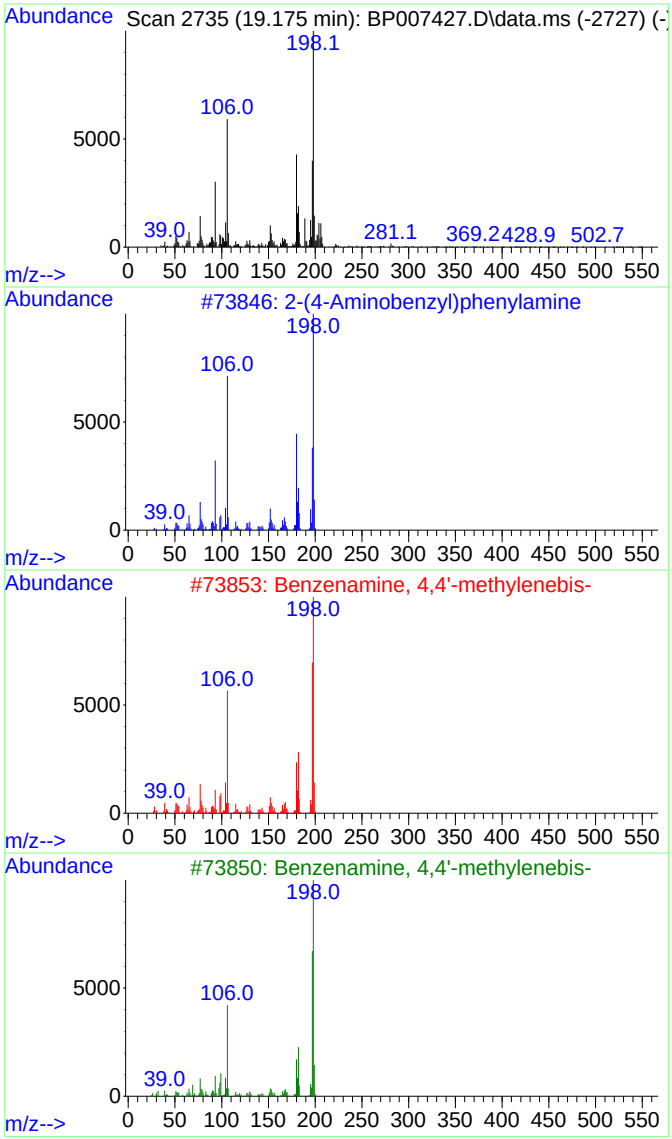
Quant Title : SVOA CALIBRATION

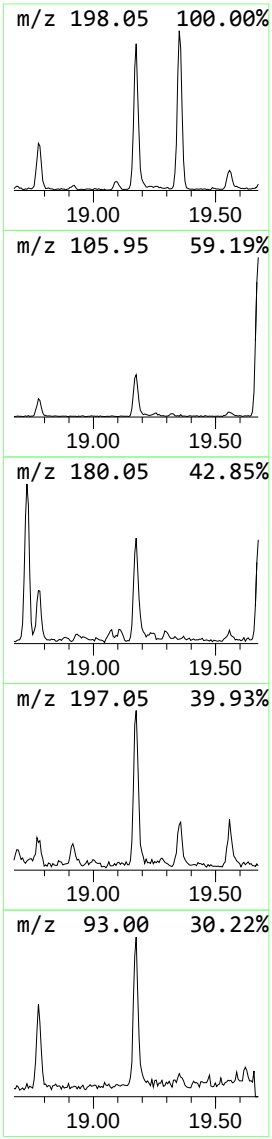
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-(4-Aminobenzyl)phenylamine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.175	2.27 ng/ul	433078	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Aminobenzyl)phenylamine	198	C13H14N2	1000497-49-7	97
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	55
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	45
5	Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	45





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Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

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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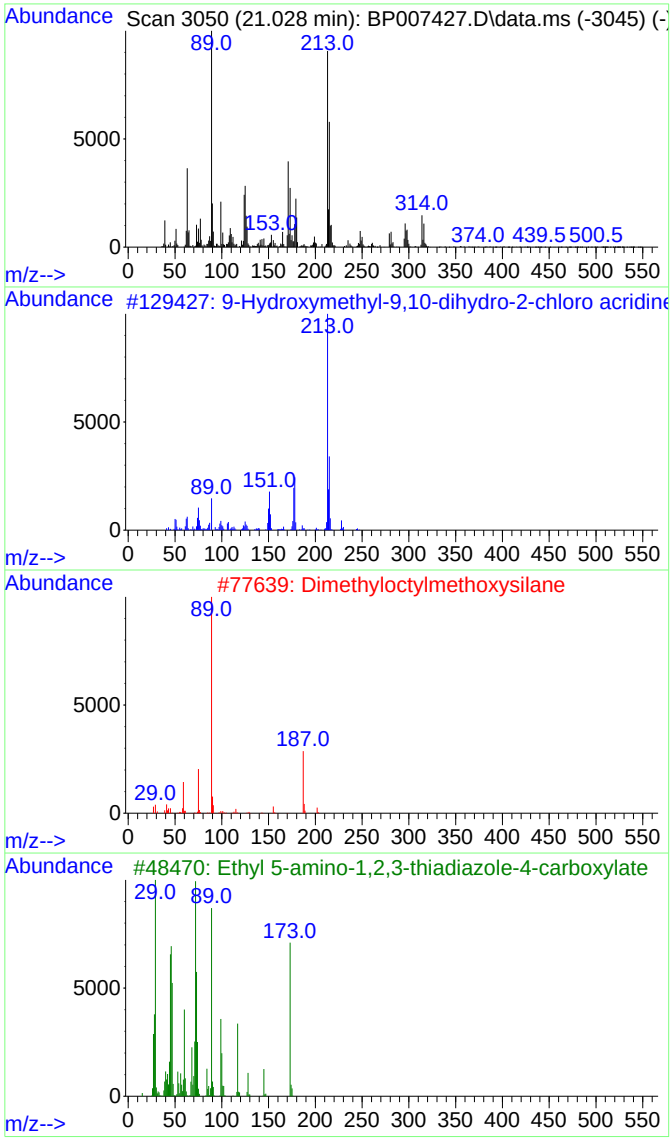
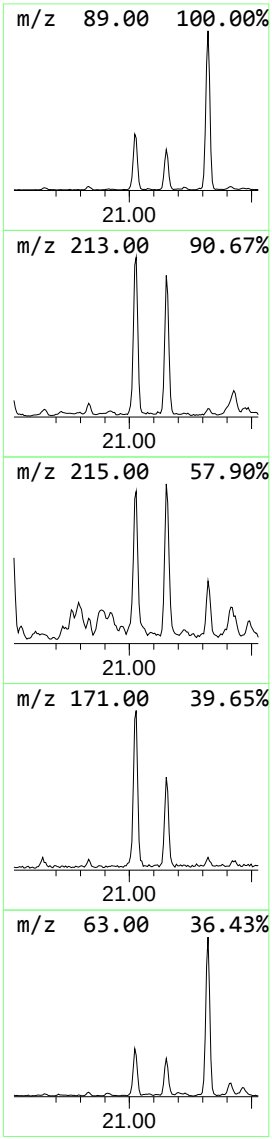
Peak Number 17 unknown-05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.028	2.48 ng/ul	711094	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hydroxymethyl-9,10-dihydro-2-c...	245	C14H12ClNO	024986-51-4	39
2	Dimethyloctylmethoxysilane	202	C11H26OSi	093804-29-6	37
3	Ethyl 5-amino-1,2,3-thiadiazole-...	173	C5H7N3O2S	006440-02-4	37
4	Chloromethyl n-propyl sulfide	124	C4H9ClS	042330-15-4	37
5	2-Butynoic acid, 3-trimethylsily...	186	C8H14O3Si	1000153-91-7	28





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Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA4

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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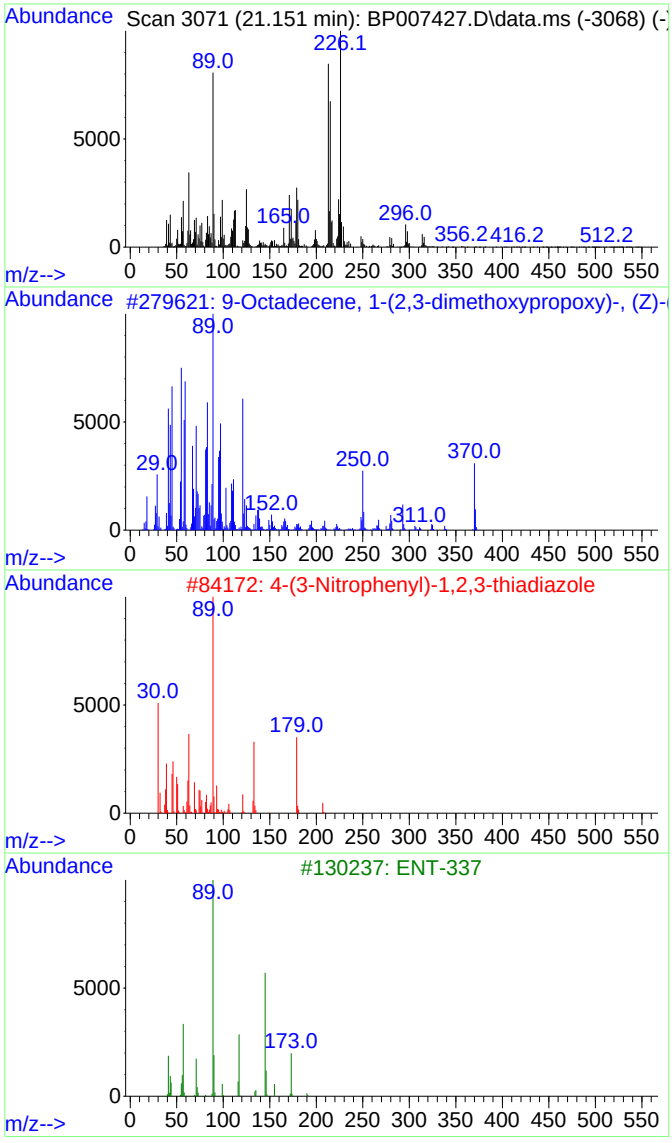
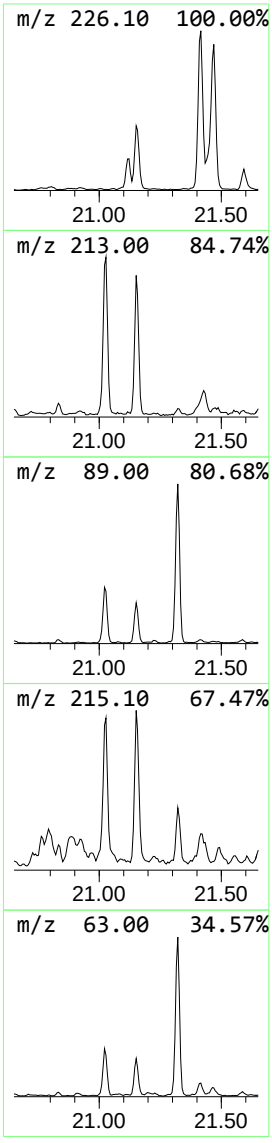
Peak Number 18 unknown-06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.151	3.91 ng/ul	1121530	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, 1-(2,3-dimethoxypr...	370	C23H46O3	055282-66-1	38
2	4-(3-Nitrophenyl)-1,2,3-thiadiazole	207	C8H5N3O2S	1000444-55-4	37
3	ENT-337	246	C12H22O5	006280-99-5	32
4	Ethyl 5-amino-1,2,3-thiadiazole-...	173	C5H7N3O2S	006440-02-4	32
5	10-Chloro-1-decanol, 2-methylpro...	262	C14H27ClO2	1000447-30-3	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

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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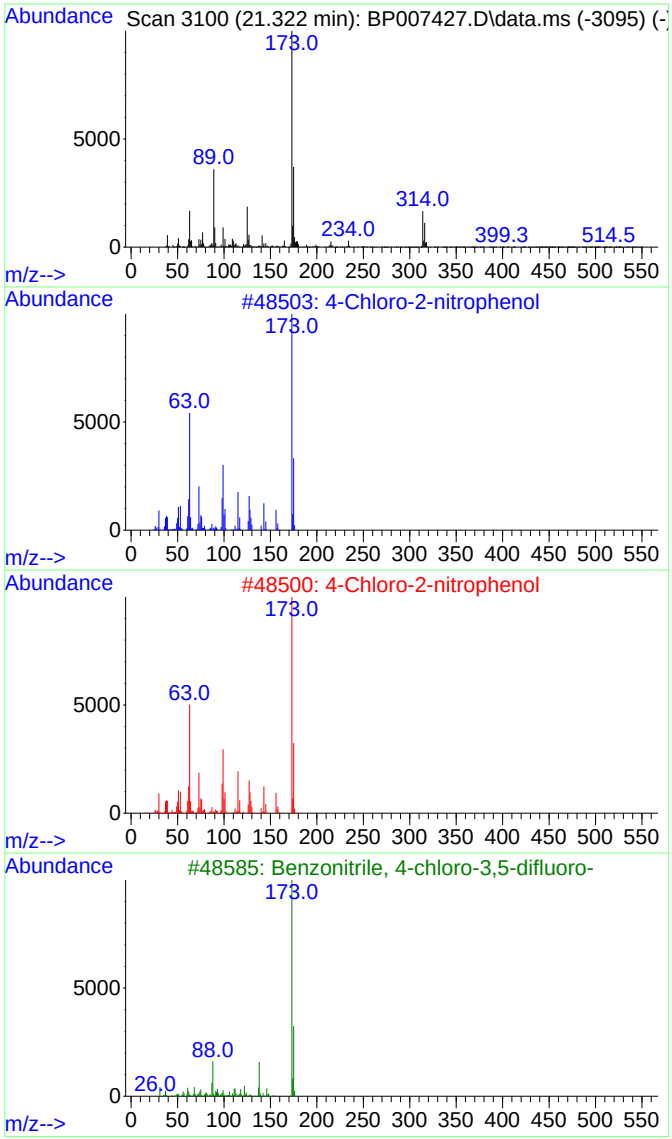
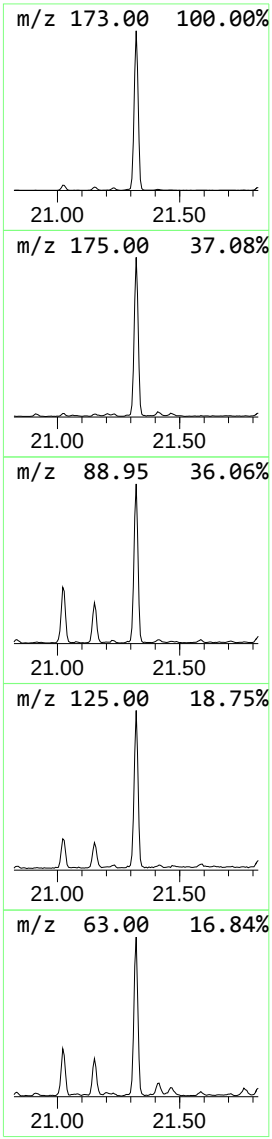
Peak Number 19 4-Chloro-2-nitrophenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	9.28 ng/ul	2660730	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	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	2-Chloro-4,5-difluorobenzonitrile	173	C7H2ClF2N	135748-34-4	47
5	3-Chloro-5-fluoro-4-methoxybenzy...	252	C8H7BrClFO	886497-36-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

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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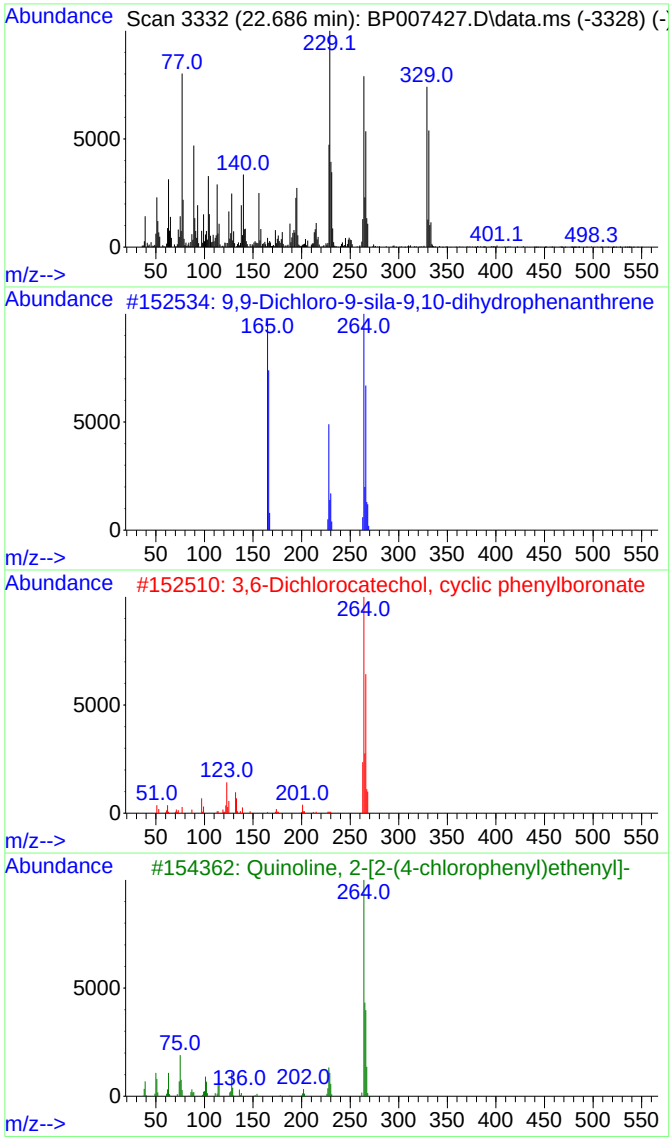
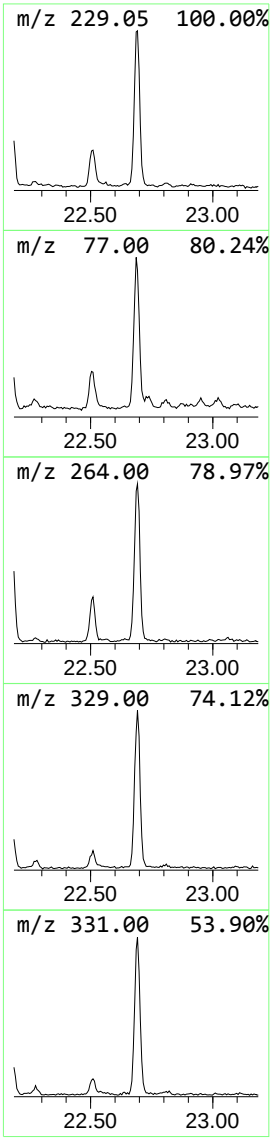
Peak Number 20 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.686	5.74 ng/ul	978864	Perylene-d12	23.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,9-Dichloro-9-sila-9,10-dihydro...	264	C13H10Cl2Si	076470-26-3	38
2	3,6-Dichlorocatechol, cyclic phe...	264	C12H7BCl2O2	1000293-25-1	35
3	Quinoline, 2-[2-(4-chlorophenyl)...	265	C17H12ClN	005392-19-8	25
4	5-Chloro-2-aminobenzophenone thi...	304	C14H13ClN4S	073549-46-9	14
5	(10-Methyl-10H-acridin-9-ylidene...	329	C20H15N3O2	1000317-66-2	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA4

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	133.3	ng/ul	9933540	1	7.964	1490590	20.0
Benzene, 1,2,4-...	14.410	66.4	ng/ul	9237990	3	14.599	2781440	20.0
3-Bromo-6-chlor...	15.334	17.0	ng/ul	2370300	3	14.599	2781440	20.0
unknown-01	15.893	12.0	ng/ul	1670830	3	14.599	2781440	20.0
4-Bromo-2-chlor...	16.293	7.0	ng/ul	1336710	4	17.351	3822410	20.0
Benzene, pentac...	16.428	542.9	ng/ul	103751000	4	17.351	3822410	20.0
2,4,4'-Trimethy...	16.675	30.6	ng/ul	5848160	4	17.351	3822410	20.0
unknown-02	17.098	40.2	ng/ul	7680830	4	17.351	3822410	20.0
unknown-03	17.210	98.5	ng/ul	18826000	4	17.351	3822410	20.0
unknown-04	17.934	52.5	ng/ul	10037100	4	17.351	3822410	20.0
Alpha,2,3,4,5,6...	17.969	2.5	ng/ul	484605	4	17.351	3822410	20.0
Benzenemethanol...	18.192	8.3	ng/ul	1575840	4	17.351	3822410	20.0
1H-Cyclopropa[l...	18.257	3.3	ng/ul	626349	4	17.351	3822410	20.0
4H-Cyclopenta[d...	18.404	2.8	ng/ul	530588	4	17.351	3822410	20.0
2-(4-Aminobenzy...	19.175	2.3	ng/ul	433078	4	17.351	3822410	20.0
unknown-05	21.028	2.5	ng/ul	711094	5	21.427	5736490	20.0
unknown-06	21.151	3.9	ng/ul	1121530	5	21.427	5736490	20.0
4-Chloro-2-nitr...	21.322	9.3	ng/ul	2660730	5	21.427	5736490	20.0
unknown-07	22.686	5.7	ng/ul	978864	6	23.880	3412240	20.0