LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBA09

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_G\Methods\SFAM-EPA-BG110624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG063456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.230	21	24	28	rVB6	6440	10135	0.31%	0.030%
2	3.306	34	37	39	rBV3	14513	22269	0.69%	0.065%
3	3.335	39	42	49	rVB	69139	102866	3.18%	0.301%
4	3.712	102	106	118	rBV	123528	217513	6.73%	0.635%
5	4.041	160	162	168	rVB4	7010	8534	0.26%	0.025%
6	4.481	232	237	243	rBV2	71506	120383	3.73%	0.352%
7	5.163	347	353	362	rVB	150326	251077	7.77%	0.733%
8	5.580	422	424	428	rVV4	6134	8614	0.27%	0.025%
9	5.774	454	457	462	rBV4	6090	10110	0.31%	0.030%
10	5.927	478	483	486	rBV5	6326	9036	0.28%	0.026%
11	6.115	511	515	520	rVV2	8612	17194	0.53%	0.050%
12	6.256	534	539	542	rBV3	4375	8787	0.27%	0.026%
13	7.014	658	668	678	rBV	164727	327168	10.13%	0.956%
14	7.166	684	694	704	rBV	282227	490009	15.17%	1.431%
15	7.243	706	707	712	rVV5	6125	7423	0.23%	0.022%
16	7.372	719	729	735	rVV	360860	631037	19.54%	1.843%
17	7.437	737	740	746	rVV6	13599	25178	0.78%	0.074%
18	7.484	746	748	754	rVV5	4712	9911	0.31%	0.029%
19	7.830	800	807	816	rVV	304707	523721	16.22%	1.530%
20	7.901	816	819	822	rVV5	18412	26029	0.81%	0.076%
21	7.924	822	823	827	rVB3	10433	7861	0.24%	0.023%
22	8.189	863	868	872	rBV7	5314	7534	0.23%	0.022%
23	8.547	919	929	936	rVV	452684	799521	24.75%	2.336%
24	8.600	936	938	947	rVV8	11816	26099	0.81%	0.076%
25	8.811	969	974	981	rBV2	37608	67746	2.10%	0.198%
26	8.929	990	994	997	rVV4	13657	20051	0.62%	0.059%
27	8.988	997	1004	1013	rVV	389880	679272	21.03%	1.984%
28	9.193	1031	1039	1040	rBV7	14203	30917	0.96%	0.090%
29	9.276	1050	1053	1054	rVV3	6992	7946	0.25%	0.023%
30	9.340	1058	1064	1069	rVB7	29675	55403	1.72%	0.162%
31	9.417	1073	1077	1081	rVB5	18742	28899	0.89%	0.084%
32	9.552	1096	1100	1106	rVB8	13541	26268	0.81%	0.077%
33	9.710	1119	1127	1133	rBV	357139	641818	19.87%	1.875%
34	9.804	1142	1143	1145	rBV2	8329	7371	0.23%	0.022%
35	9.981	1168	1173	1175	rBV6	8369	13622	0.42%	0.040%
36	10.110	1189	1195	1199	rBV7	10390	20131	0.62%	0.059%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

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_G\Methods\SFAM-EPA-BG110624.MA.M
Title : SVOA CALIBRATION

37	10.169	1201	1205	1210	rVB5	15721	27210	0.84%	0.079%
38	10.251	1212	1219	1230	rBV	581245	1051561	32.56%	3.072%
39	10.333	1232	1233	1237	rVB4	8737	8856	0.27%	0.026%
40	10.404	1240	1245	1246	rBV4	8445	12973	0.40%	0.038%
41	10.533	1262	1267	1274	rBV5	31800	58239	1.80%	0.170%
42	10.621	1276	1282	1291	rBV	437083	756280	23.42%	2.209%
43	10.762	1298	1306	1319	rBV	301971	597318	18.49%	1.745%
44	10.921	1327	1333	1337	rVB9	13882	27322	0.85%	0.080%
45	10.985	1342	1344	1348	rVV5	7258	8762	0.27%	0.026%
46	11.162	1373	1374	1378	rVV4	10311	11708	0.36%	0.034%
47	11.261	1388	1391	1393	rVV4	8216	10216	0.32%	0.030%
48	11.579	1442	1445	1451	rVB7	6341	13779	0.43%	0.040%
49	11.826	1484	1487	1492	rVB6	8890	12164	0.38%	0.036%
50	11.955	1504	1509	1517	rBV7	44131	97899	3.03%	0.286%
51	12.131	1534	1539	1544	rVV8	24056	44777	1.39%	0.131%
52	12.184	1544	1548	1550	rVV4	10194	14672	0.45%	0.043%
53	12.243	1550	1558	1567	rVV4	23054	71944	2.23%	0.210%
54	12.437	1588	1591	1594	rVB5	10395	15554	0.48%	0.045%
55	12.572	1612	1614	1619	rBV6	12126	19541	0.61%	0.057%
56	12.619	1619	1622	1629	rVB8	16662	31385	0.97%	0.092%
57	12.719	1635	1639	1643	rVB7	18646	30658	0.95%	0.090%
58	12.883	1665	1667	1670	rBV4	7809	8961	0.28%	0.026%
59	12.983	1681	1684	1685	rBV3	7693	8092	0.25%	0.024%
60	13.054	1694	1696	1700	rVB5	16650	19165	0.59%	0.056%
61	13.312	1735	1740	1746	rVV	108065	179365	5.55%	0.524%
62	13.371	1746	1750	1755	rVB5	23565	31390	0.97%	0.092%
63	13.471	1765	1767	1770	rBV4	9572	9018	0.28%	0.026%
64	13.518	1773	1775	1778	rVB4	13333	15139	0.47%	0.044%
65	13.788	1817	1821	1826	rBV5	33797	61980	1.92%	0.181%
66	13.876	1830	1836	1843	rVB	1079456	1557678	48.23%	4.550%
67	14.023	1855	1861	1866	rBV10	32333	68544	2.12%	0.200%
68	14.064	1866	1868	1874	rVB7	23666	33630	1.04%	0.098%
69	14.164	1879	1885	1896	rVB	1147148	1845536	57.14%	5.391%
70	14.240	1896	1898	1900	rBV3	12400	8611	0.27%	0.025%
71	14.299	1905	1908	1909	rBV3	17384	17166	0.53%	0.050%
72	14.393	1920	1924	1930	rVB8	67514	91446	2.83%	0.267%
73	14.469	1931	1937	1944	rVV	730396	1131302	35.03%	3.305%
74	14.534	1944	1948	1954	rVB2	98967	155736	4.82%	0.455%
75	14.587	1955	1957	1961	rVB4	16272	15413	0.48%	0.045%
76	14.616	1961	1962	1965	rBV3	10038	8858	0.27%	0.026%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

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_G\Methods\SFAM-EPA-BG110624.MA.M
Title : SVOA CALIBRATION

77	14.705	1973	1977	1983	rBV2	79573	139454	4.32%	0.407%
78	14.834	1996	1999	2002	rBV5	19520	23475	0.73%	0.069%
79	15.133	2048	2050	2056	rVB7	22913	26331	0.82%	0.077%
80	15.210	2059	2063	2067	rBV	176306	249330	7.72%	0.728%
81	15.468	2101	2107	2113	rBV	1580785	2319361	71.81%	6.776%
82	15.592	2123	2128	2135	rBV	502407	761424	23.57%	2.224%
83	15.686	2142	2144	2150	rVB	47437	77377	2.40%	0.226%
84	15.833	2163	2169	2174	rVB	329948	479205	14.84%	1.400%
85	15.985	2189	2195	2202	rBV	512032	738640	22.87%	2.158%
86	16.132	2218	2220	2223	rBV4	21729	31076	0.96%	0.091%
87	16.491	2276	2281	2287	rBV	268922	414163	12.82%	1.210%
88	16.761	2324	2327	2330	rBV4	45127	56871	1.76%	0.166%
89	17.225	2400	2406	2412	rBV	976482	1431755	44.33%	4.183%
90	17.319	2416	2422	2429	rBV	1715808	2600419	80.51%	7.597%
91	18.124	2555	2559	2566	rBV2	160937	291548	9.03%	0.852%
92	19.622	2808	2814	2819	rBV	2283641	3229845	100.00%	9.435%
93	19.669	2819	2822	2831	rVB	820032	1174522	36.36%	3.431%
94	21.150	3072	3074	3082	rVB9	104012	167785	5.19%	0.490%
95	21.479	3124	3130	3139	rVB	1089172	1696639	52.53%	4.956%
96	24.311	3602	3612	3621	rBV	1176159	3035134	93.97%	8.867%
97	24.517	3638	3647	3660	rVB	664176	1791897	55.48%	5.235%
98	26.132	3920	3922	3923	rBV2	20977	15781	0.49%	0.046%
99	32.149	4944	4946	4947	rBV2	13400	8271	0.26%	0.024%
100	32.554	5013	5015	5018	rBV4	12901	13526	0.42%	0.040%

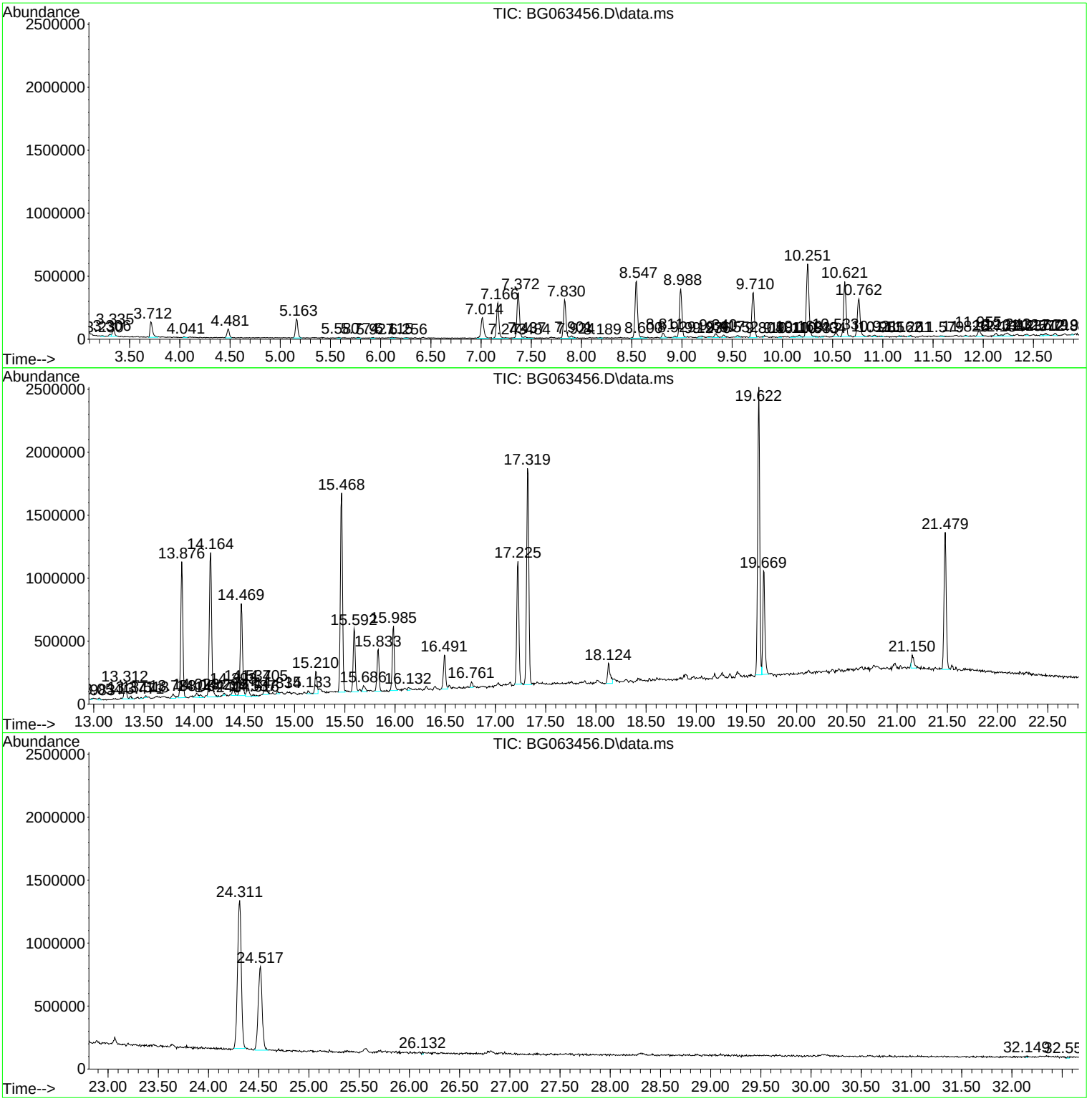
Sum of corrected areas: 34231130

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

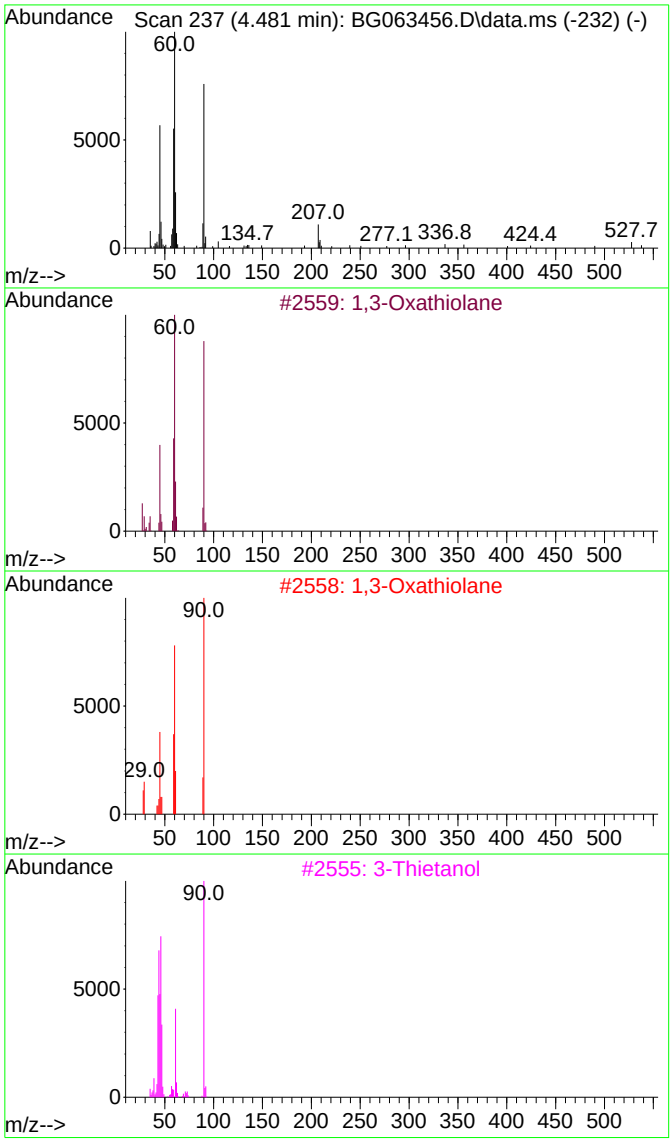
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

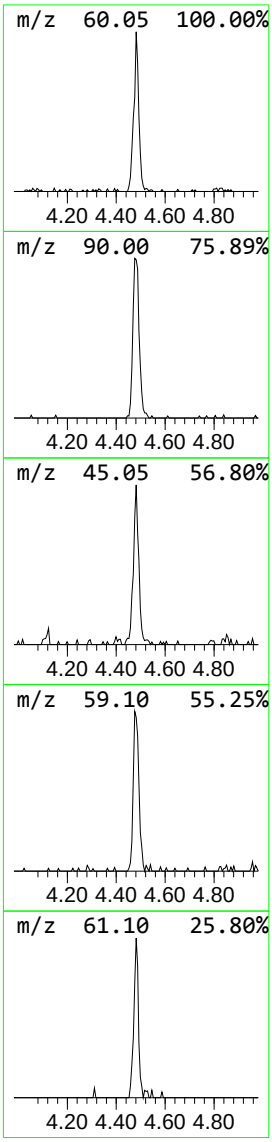
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.481	4.60 ng/ul	120383	1,4-Dichlorobenzene-d4	7.836

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	94
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	64
3	3-Thietanol	90	C3H6OS	010304-16-2	53
4	Noxytiolin	120	C3H8N2OS	015599-39-0	42
5	Thiourea, methyl-	90	C2H6N2S	000598-52-7	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

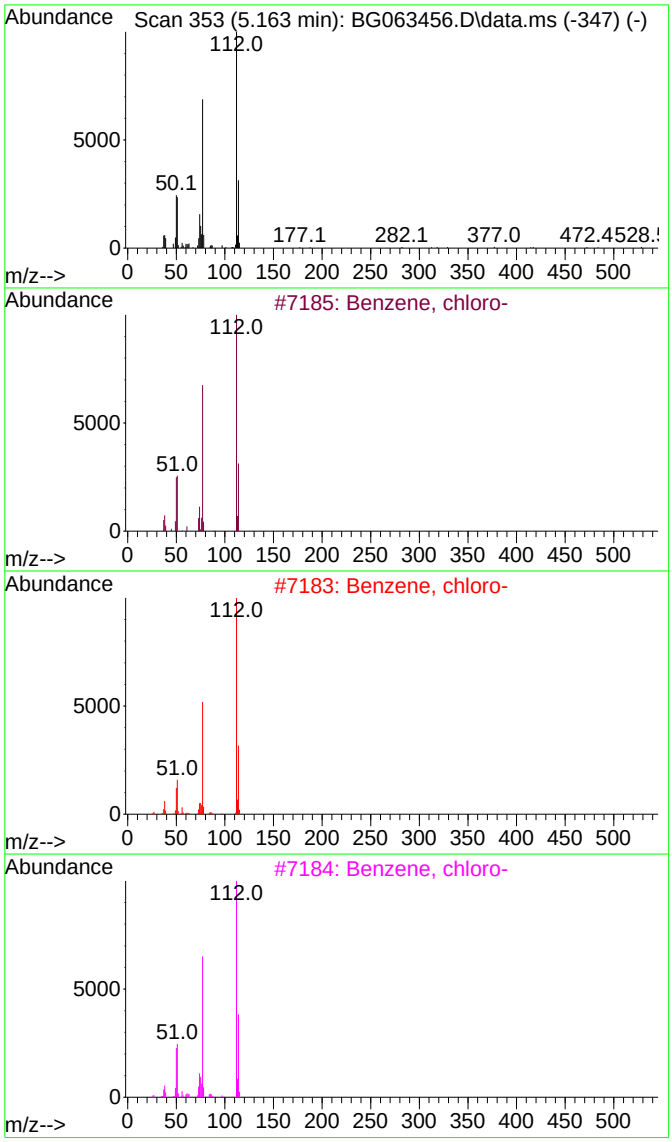
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

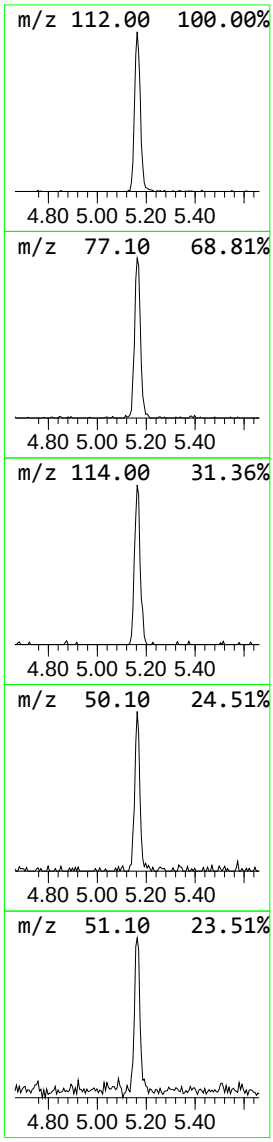
****

Peak Number 2 Benzene, chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	9.59 ng/ul	251077	1,4-Dichlorobenzene-d4	7.836

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	Benzene, chloro-	112	C6H5Cl	000108-90-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

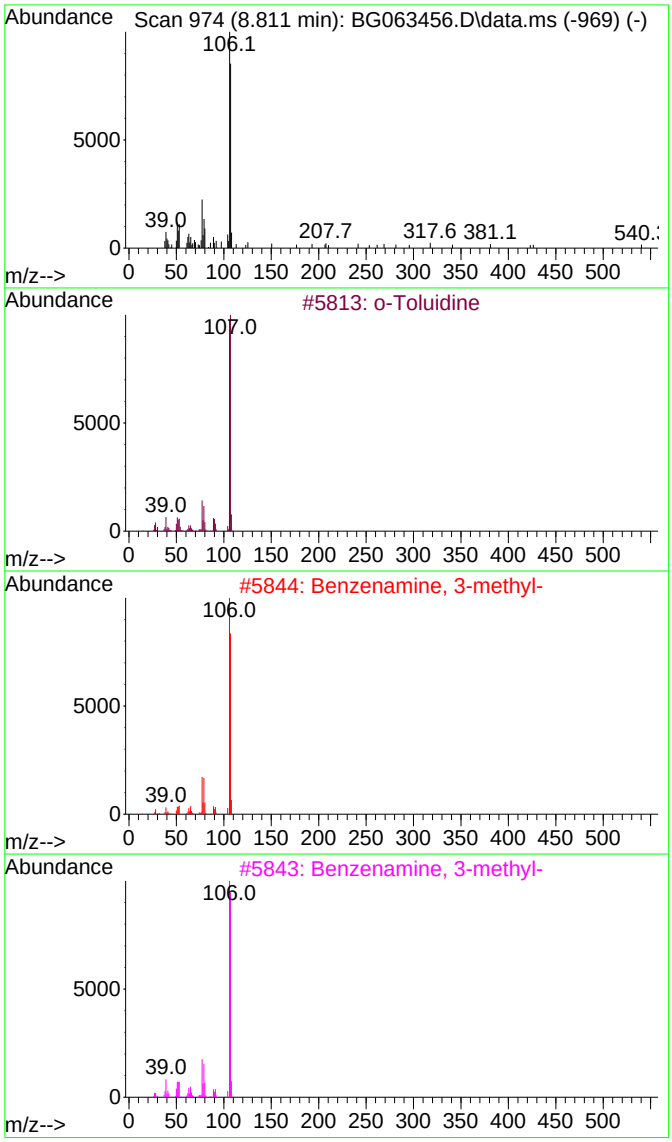
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

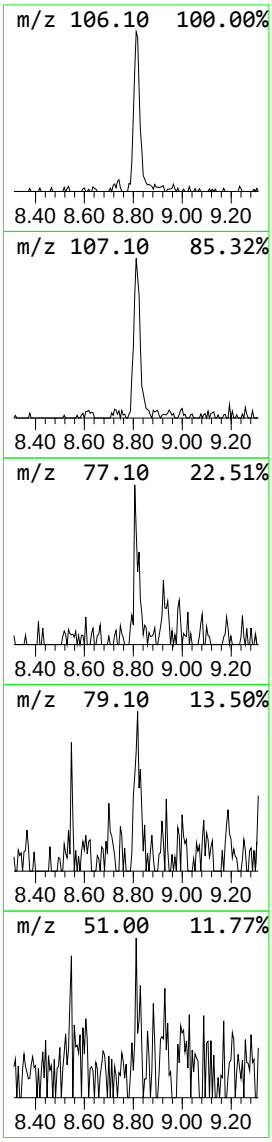
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 o-Toluidine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.811	2.59 ng/ul	67746	1,4-Dichlorobenzene-d4	7.836

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Toluidine	107	C7H9N	000095-53-4	90
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	90
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	90
4	p-Aminotoluene	107	C7H9N	000106-49-0	90
5	Aniline, N-methyl-	107	C7H9N	000100-61-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

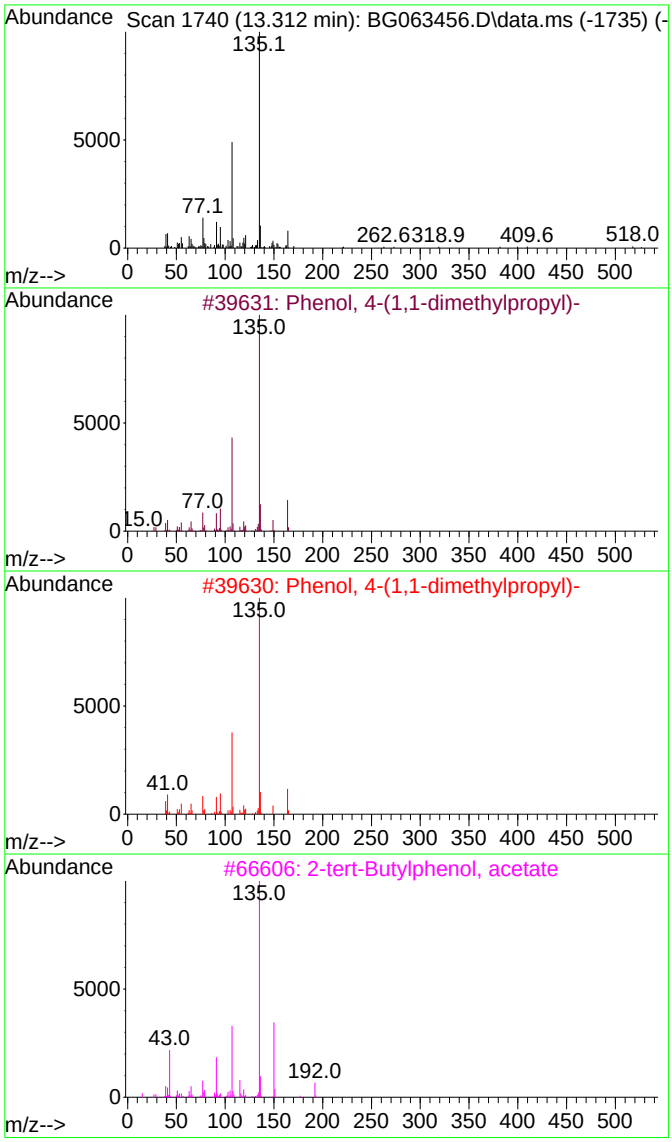
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

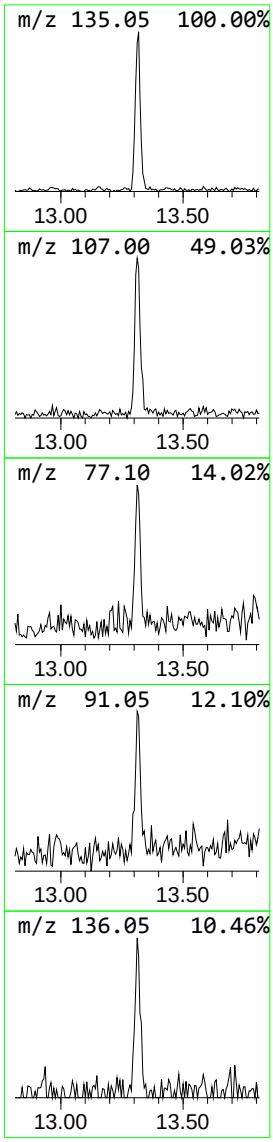
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 4-(1,1-dimethylprop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	3.17 ng/ul	179365	Acenaphthene-d10	14.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	86
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	83
3	2-tert-Butylphenol, acetate	192	C12H16O2	003245-25-8	72
4	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	72
5	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

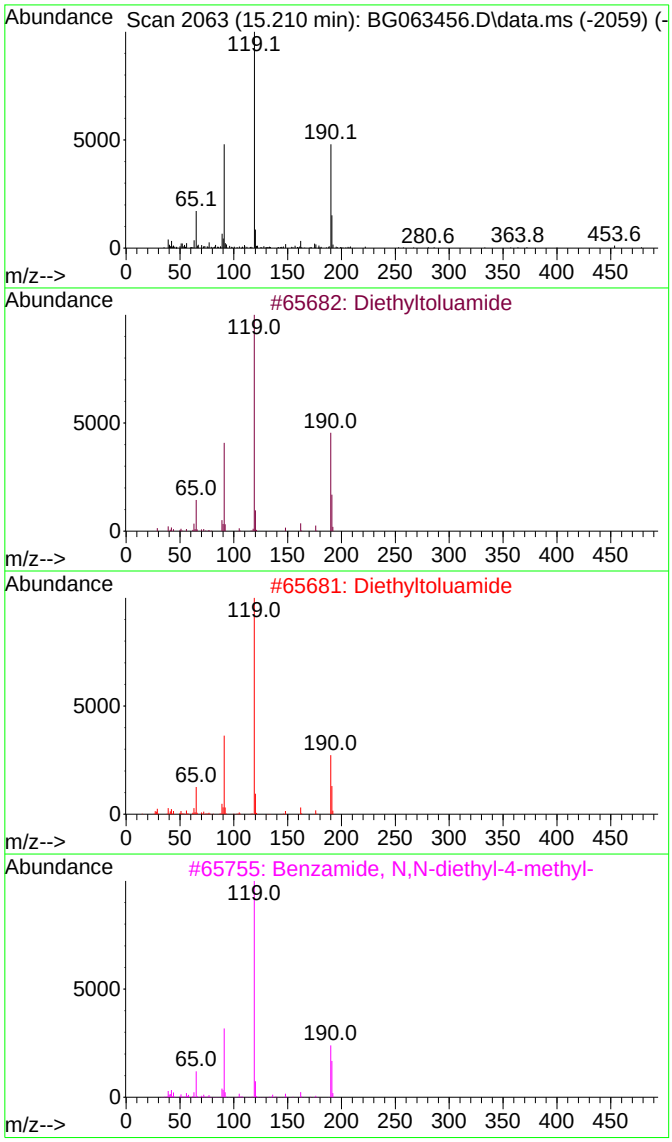
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

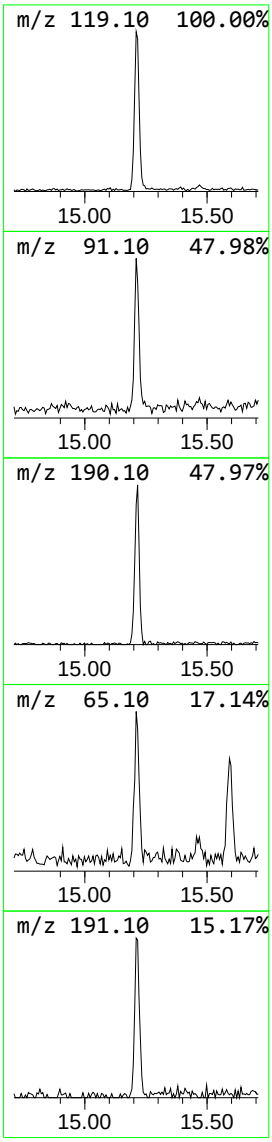
****

Peak Number 7 Diethyltoluamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	4.41 ng/ul	249330	Acenaphthene-d10	14.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	93
2	Diethyltoluamide	191	C12H17NO	000134-62-3	81
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	70
4	1-Phenyl-2,4,5-trioxoimidazolidine	190	C9H6N2O3	002211-33-8	64
5	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	59





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Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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

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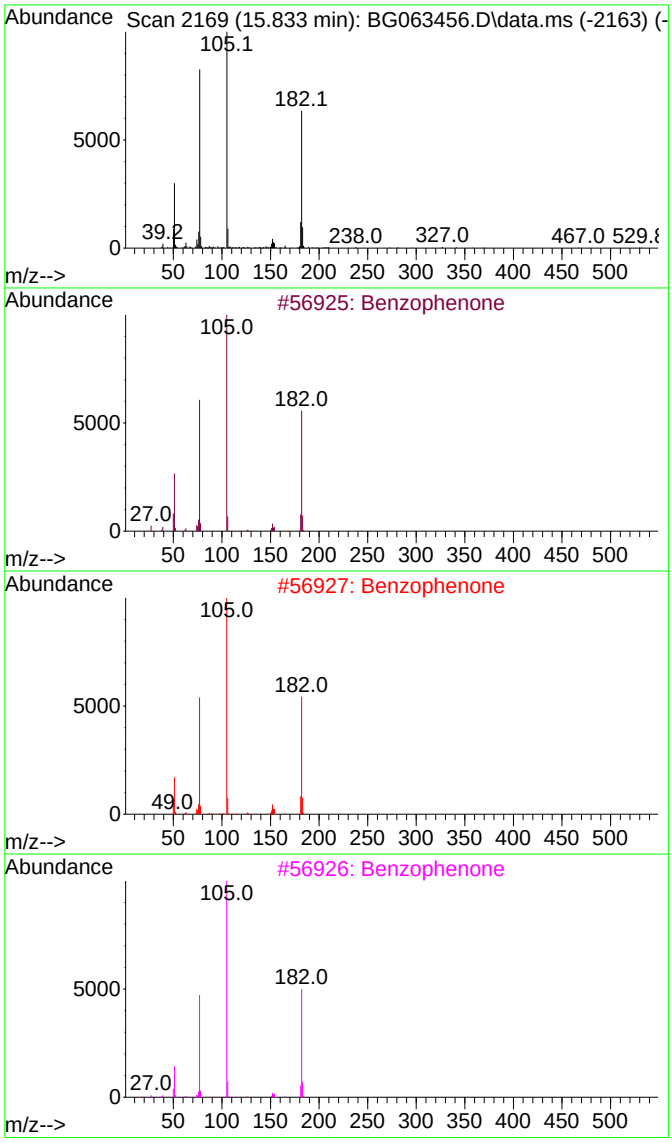
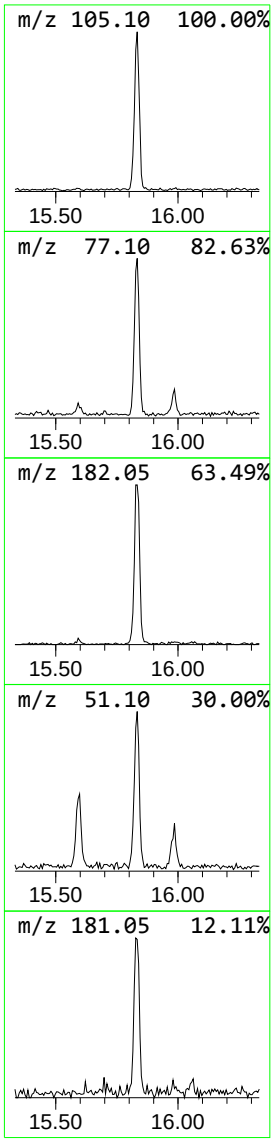
Peak Number 8 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	8.47 ng/ul	479205	Acenaphthene-d10	14.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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

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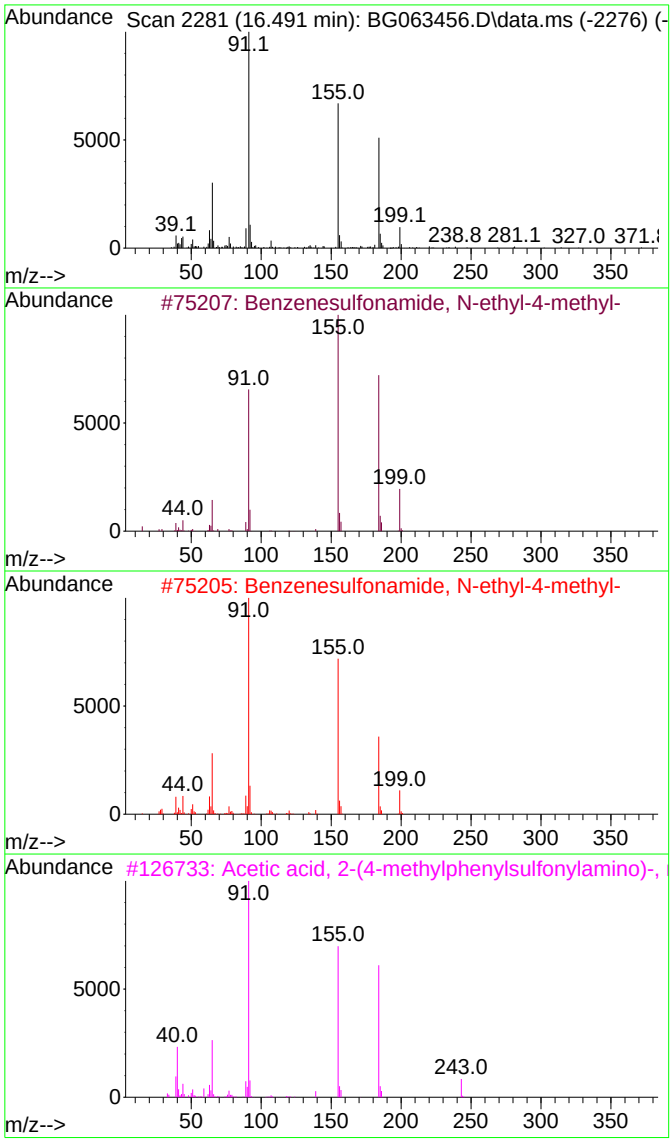
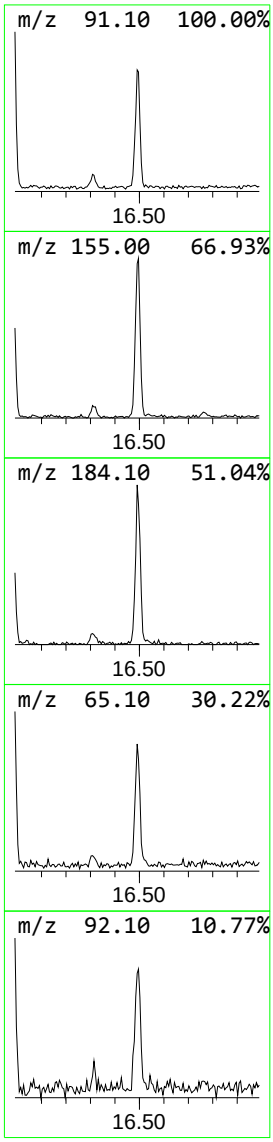
Peak Number 10 Benzenesulfonamide, N-ethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.491	5.79 ng/ul	414163	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	87
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	87
3	Acetic acid, 2-(4-methylphenylsu...	243	C10H13NO4S	002645-02-5	86
4	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	70
5	Carbamic acid, methyl[(4-methylp...	243	C10H13NO4S	032258-50-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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

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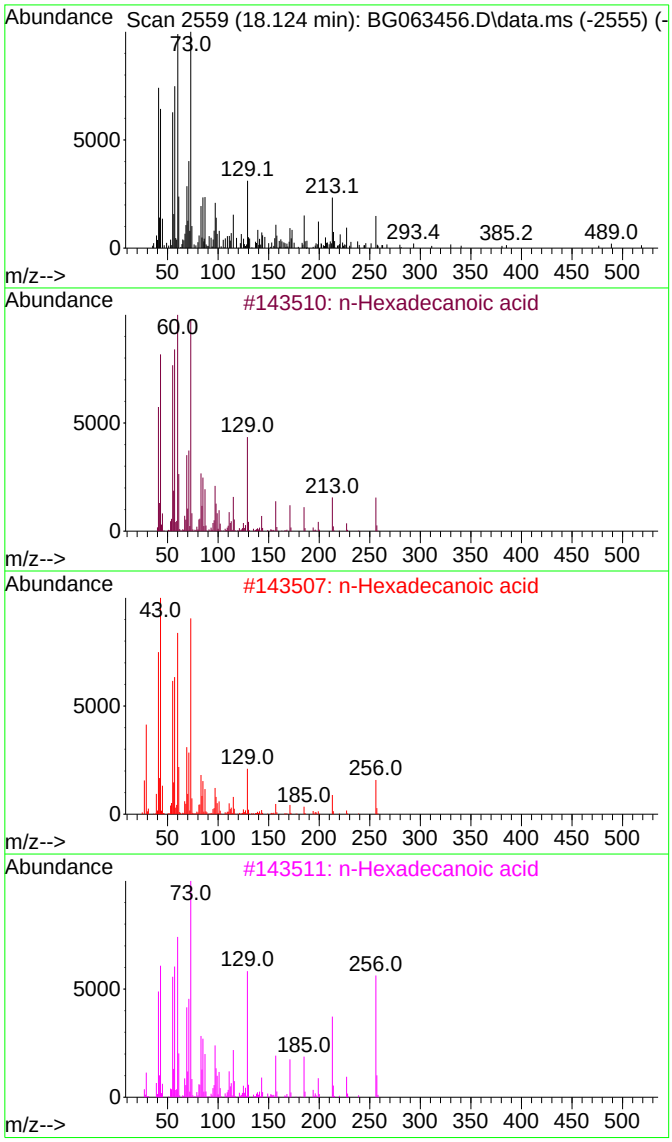
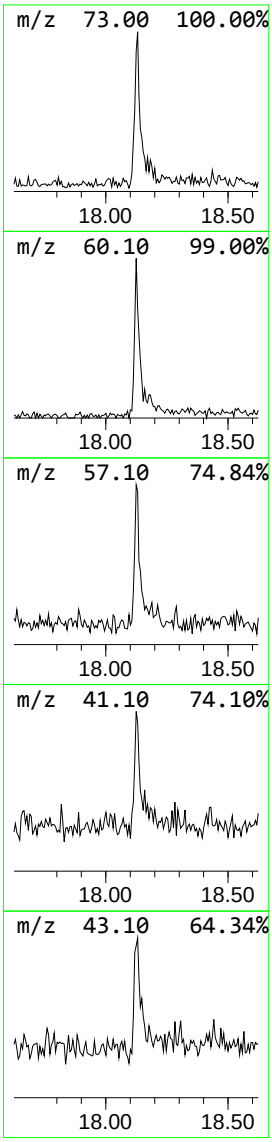
Peak Number 11 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.124	4.07 ng/ul	291548	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063456.D
Acq On : 16 Nov 2024 12:45
Operator : RC/JU
Sample : P4828-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Oxathiolane	4.481	4.6	ng/ul	120383	1	7.836	523721	20.0
Benzene, chloro-	5.163	9.6	ng/ul	251077	1	7.836	523721	20.0
o-Toluidine	8.811	2.6	ng/ul	67746	1	7.836	523721	20.0
Phenol, 4-(1,1-...	13.312	3.2	ng/ul	179365	3	14.470	1131300	20.0
Diethyltoluamide	15.210	4.4	ng/ul	249330	3	14.470	1131300	20.0
Benzophenone	15.833	8.5	ng/ul	479205	3	14.470	1131300	20.0
Benzenesulfonam...	16.491	5.8	ng/ul	414163	4	17.225	1431760	20.0
n-Hexadecanoic ...	18.124	4.1	ng/ul	291548	4	17.225	1431760	20.0