LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

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: BG063453.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.305	33	37	40	rBV3	23046	37860	1.66%	0.140%
2	3.340	40	43	51	rVV	56771	88445	3.87%	0.327%
3	3.587	84	85	89	rVB4	6328	5196	0.23%	0.019%
4	3.646	93	95	98	rVB4	5270	4742	0.21%	0.018%
5	3.716	102	107	114	rBV	86606	147185	6.44%	0.544%
6	3.787	118	119	122	rVB2	5627	4937	0.22%	0.018%
7	3.887	133	136	138	rVB4	5338	6078	0.27%	0.022%
8	4.039	160	162	167	rVV5	6930	10052	0.44%	0.037%
9	4.339	210	213	216	rVB4	3949	4568	0.20%	0.017%
10	4.392	219	222	223	rBV3	5003	4623	0.20%	0.017%
11	4.486	232	238	243	rBV3	50166	87573	3.83%	0.324%
12	4.791	288	290	293	rVB2	5034	4694	0.21%	0.017%
13	4.815	293	294	297	rBV2	4162	5133	0.22%	0.019%
14	5.162	345	353	360	rBV	112995	182928	8.00%	0.676%
15	5.308	375	378	380	rBV3	5604	6618	0.29%	0.024%
16	5.414	391	396	398	rBV3	3598	4800	0.21%	0.018%
17	5.590	424	426	430	rVB2	5164	5154	0.23%	0.019%
18	5.720	444	448	451	rBV5	4248	5117	0.22%	0.019%
19	5.778	451	458	459	rBV4	6572	11031	0.48%	0.041%
20	6.107	510	514	515	rBV3	6133	7992	0.35%	0.030%
21	6.119	515	516	520	rVB	8533	7002	0.31%	0.026%
22	6.254	536	539	541	rBV3	4840	6033	0.26%	0.022%
23	6.348	553	555	558	rVB4	6136	5842	0.26%	0.022%
24	6.425	565	568	570	rVB3	6215	4945	0.22%	0.018%
25	7.012	658	668	678	rBV	82875	179485	7.85%	0.663%
26	7.165	687	694	701	rBV	207247	342678	14.99%	1.267%
27	7.218	701	703	706	rVB3	5366	5748	0.25%	0.021%
28	7.365	722	728	736	rBV	251068	441821	19.32%	1.633%
29	7.435	738	740	746	rVV6	7792	14027	0.61%	0.052%
30	7.488	746	749	752	rVV4	4420	5859	0.26%	0.022%
31	7.694	782	784	789	rBV4	4977	5384	0.24%	0.020%
32	7.829	800	807	814	rBV	315135	546842	23.92%	2.021%
33	7.900	816	819	831	rVV7	16483	37770	1.65%	0.140%
34	8.005	835	837	840	rBV4	4841	6075	0.27%	0.022%
35	8.058	844	846	853	rVB5	3509	6523	0.29%	0.024%
36	8.540	921	928	937	rVV	251640	442074	19.33%	1.634%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

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	8.616	937	941	943	rVB4	3984	6305	0.28%	0.023%
38	8.746	960	963	965	rVB4	7023	7542	0.33%	0.028%
39	8.816	968	975	984	rBV3	51750	102839	4.50%	0.380%
40	8.928	989	994	997	rBV5	11386	18852	0.82%	0.070%
41	8.986	997	1004	1010	rBV2	264026	452333	19.78%	1.672%
42	9.180	1032	1037	1038	rBV5	12520	12611	0.55%	0.047%
43	9.198	1038	1040	1043	rVB4	6989	6034	0.26%	0.022%
44	9.316	1057	1060	1061	rBV3	4816	5438	0.24%	0.020%
45	9.333	1061	1063	1069	rVB4	23400	33139	1.45%	0.122%
46	9.410	1069	1076	1080	rBV4	17138	30710	1.34%	0.114%
47	9.451	1082	1083	1087	rVB4	6754	6811	0.30%	0.025%
48	9.551	1095	1100	1108	rVB6	21531	47799	2.09%	0.177%
49	9.709	1120	1127	1134	rBV2	236661	428010	18.72%	1.582%
50	9.827	1140	1147	1151	rBV9	9305	23012	1.01%	0.085%
51	9.985	1172	1174	1177	rVB3	4465	5288	0.23%	0.020%
52	10.103	1189	1194	1198	rBV7	6413	15101	0.66%	0.056%
53	10.250	1213	1219	1230	rBV2	410853	736211	32.20%	2.721%
54	10.408	1242	1246	1247	rBV3	7410	7559	0.33%	0.028%
55	10.479	1255	1258	1261	rVB5	4904	5533	0.24%	0.020%
56	10.526	1261	1266	1268	rBV5	20394	33120	1.45%	0.122%
57	10.620	1276	1282	1289	rBV	446837	785129	34.34%	2.902%
58	10.755	1298	1305	1318	rBV2	287963	582593	25.48%	2.153%
59	10.849	1318	1321	1322	rBV2	4566	4644	0.20%	0.017%
60	10.914	1330	1332	1336	rVB5	12134	17169	0.75%	0.063%
61	10.972	1340	1342	1343	rBV2	5138	4656	0.20%	0.017%
62	11.113	1361	1366	1370	rBV8	5606	9360	0.41%	0.035%
63	11.160	1371	1374	1376	rBV4	9242	10993	0.48%	0.041%
64	11.272	1390	1393	1396	rBV4	7283	8063	0.35%	0.030%
65	11.395	1410	1414	1416	rBV4	7664	12622	0.55%	0.047%
66	11.701	1465	1466	1468	rBV2	6512	5060	0.22%	0.019%
67	11.824	1482	1487	1491	rBV5	15217	25182	1.10%	0.093%
68	11.865	1491	1494	1496	rBV4	8503	8152	0.36%	0.030%
69	11.959	1505	1510	1519	rVB8	34027	70166	3.07%	0.259%
70	12.071	1527	1529	1533	rBV5	8216	9916	0.43%	0.037%
71	12.124	1533	1538	1544	rVV8	26226	55069	2.41%	0.204%
72	12.171	1544	1546	1550	rVV5	12989	17931	0.78%	0.066%
73	12.236	1552	1557	1564	rVB5	18788	44950	1.97%	0.166%
74	12.341	1572	1575	1581	rVB8	12393	17240	0.75%	0.064%
75	12.811	1650	1655	1658	rBV5	12729	22882	1.00%	0.085%
76	13.311	1736	1740	1746	rVB	73194	105220	4.60%	0.389%

LSC Area Percent Report

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Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

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	13.428	1758	1760	1762	rBV3	10905	5406	0.24%	0.020%
78	13.787	1817	1821	1822	rBV4	18910	23192	1.01%	0.086%
79	13.875	1830	1836	1847	rVB	777800	1120021	48.98%	4.139%
80	14.122	1875	1878	1879	rBV3	20250	22353	0.98%	0.083%
81	14.163	1879	1885	1895	rVB	786981	1272580	55.66%	4.703%
82	14.392	1920	1924	1929	rVB6	47210	67944	2.97%	0.251%
83	14.468	1931	1937	1944	rVV	768549	1171342	51.23%	4.329%
84	14.533	1944	1948	1951	rBV3	47762	69170	3.03%	0.256%
85	14.703	1973	1977	1984	rBV4	54437	107993	4.72%	0.399%
86	15.214	2059	2064	2068	rBV	131321	189437	8.28%	0.700%
87	15.467	2101	2107	2116	rVB	1067157	1589292	69.51%	5.874%
88	15.591	2123	2128	2136	rBV	343920	537521	23.51%	1.987%
89	15.831	2163	2169	2178	rVB	614538	892502	39.03%	3.299%
90	15.978	2190	2194	2200	rVB	365692	514698	22.51%	1.902%
91	16.489	2277	2281	2286	rVB	194755	280940	12.29%	1.038%
92	16.760	2324	2327	2330	rBV3	37287	45533	1.99%	0.168%
93	17.224	2400	2406	2413	rVB	987918	1530267	66.92%	5.656%
94	17.318	2417	2422	2430	rVB2	1270275	1875029	82.00%	6.930%
95	18.123	2556	2559	2569	rBV4	163588	296543	12.97%	1.096%
96	19.621	2809	2814	2819	rBV	1683547	2286542	100.00%	8.451%
97	19.668	2819	2822	2831	rVB	485717	768949	33.63%	2.842%
98	21.478	3125	3130	3137	rVB2	1157980	1777243	77.73%	6.569%
99	24.304	3603	3611	3623	rVB	888987	2267938	99.19%	8.382%
100	24.515	3639	3647	3658	rVB	702708	1850404	80.93%	6.839%

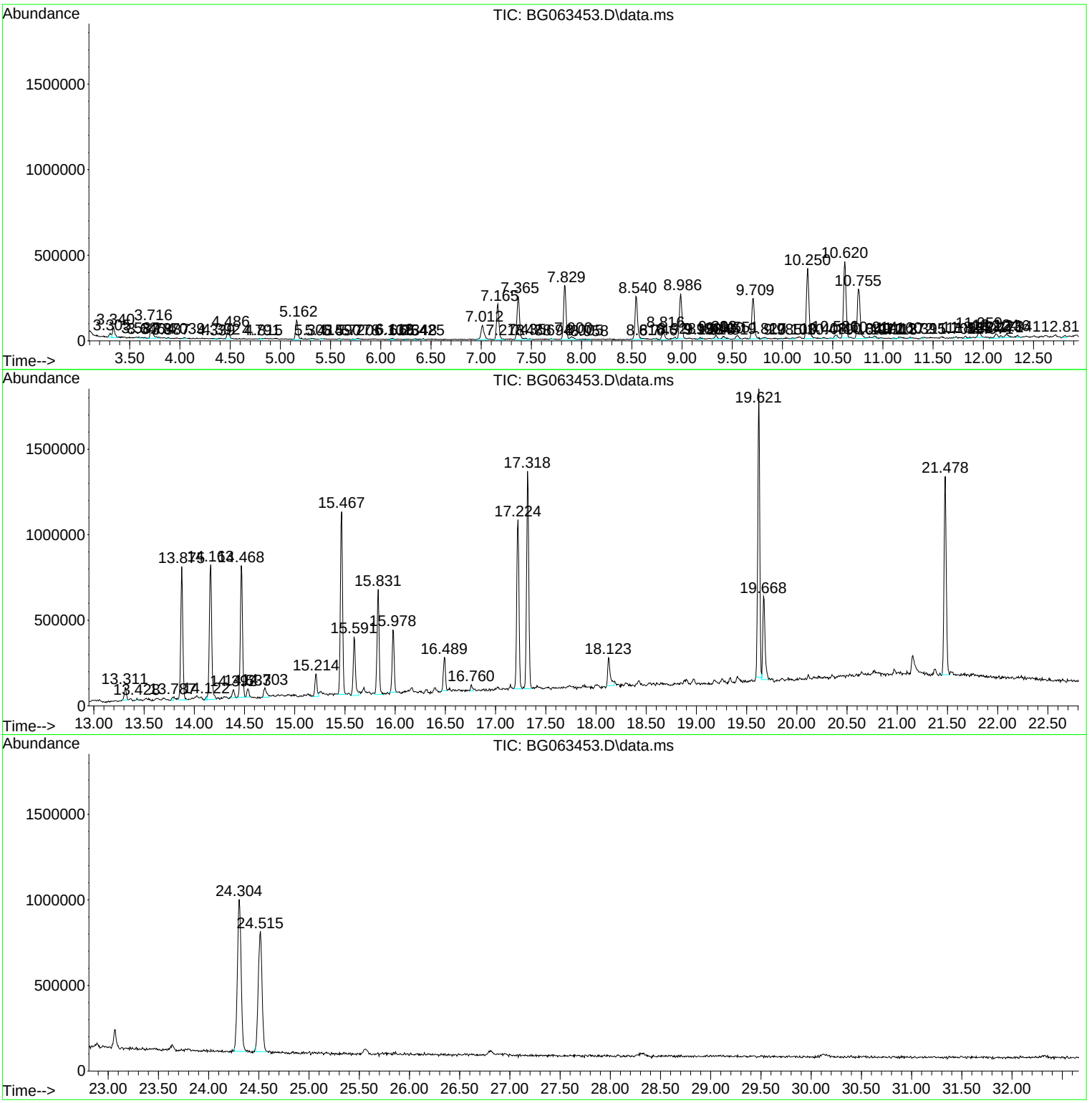
Sum of corrected areas: 27056917

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

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 : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

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

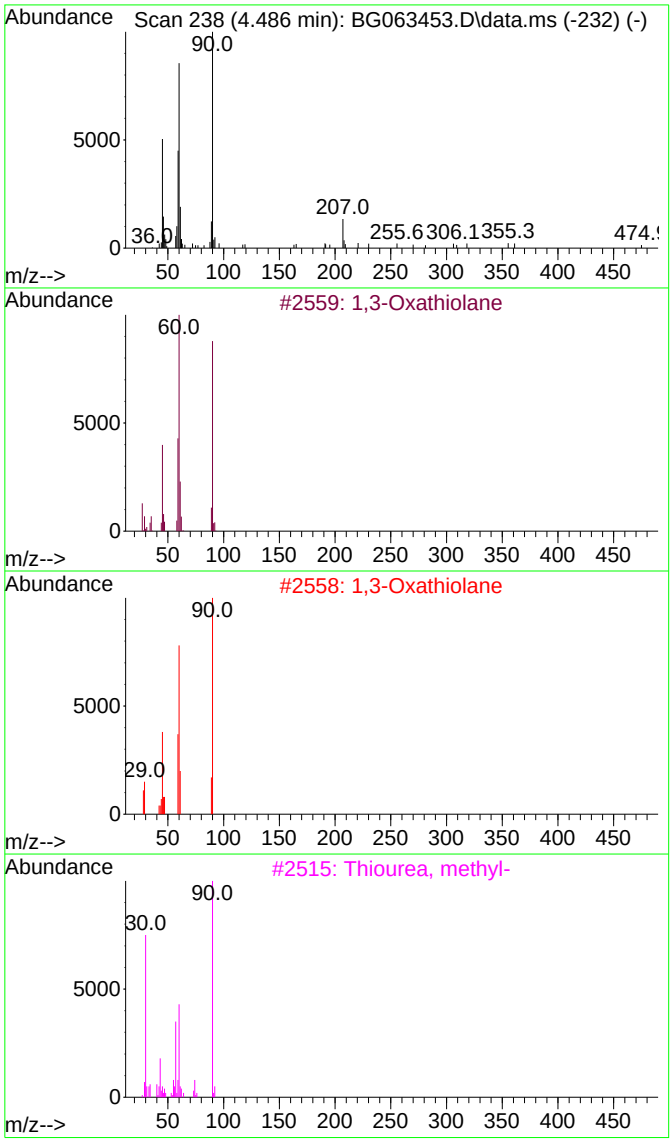
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

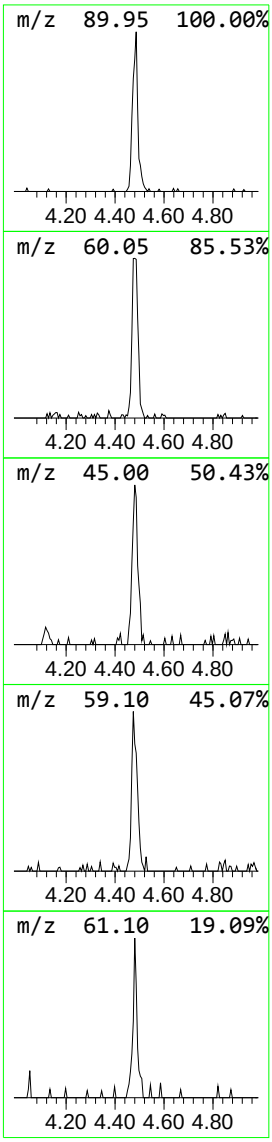
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.486	3.20 ng/ul	87573	1,4-Dichlorobenzene-d4	7.829

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	90
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	90
3	Thiourea, methyl-	90	C2H6N2S	000598-52-7	53
4	3-Thietanol	90	C3H6OS	010304-16-2	53
5	3-Thietanol	90	C3H6OS	010304-16-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

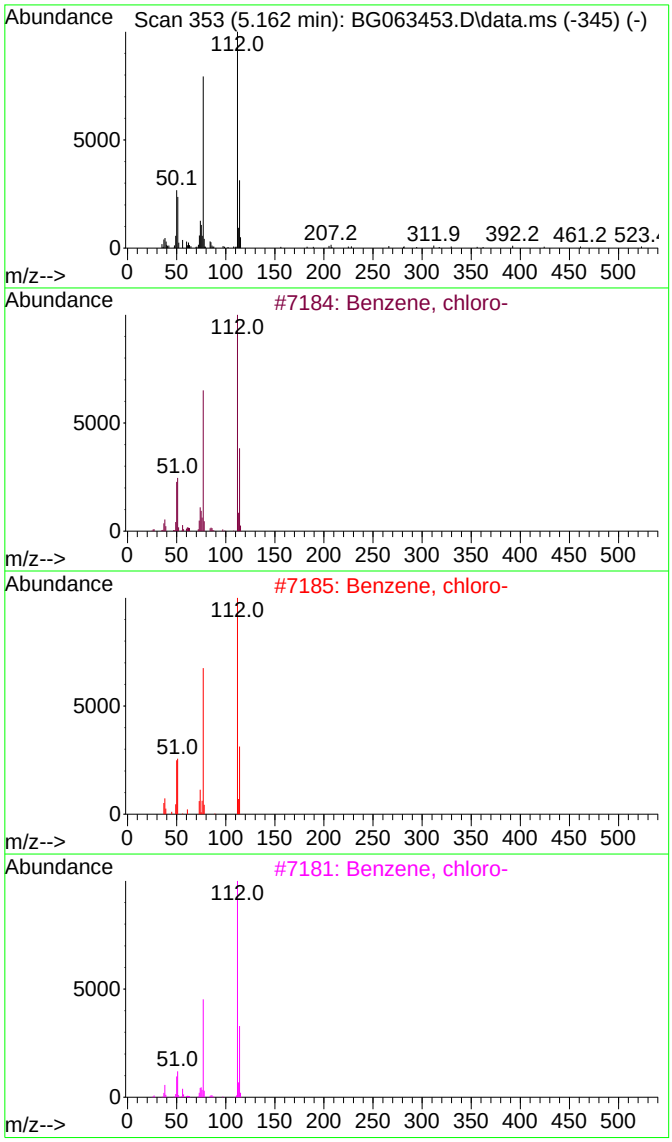
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

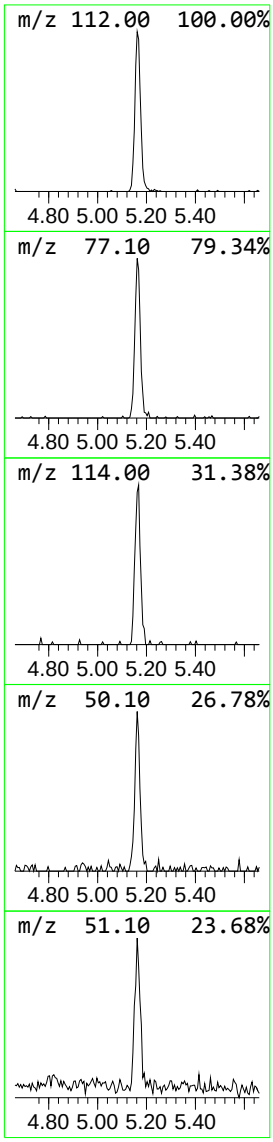
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.162	6.69 ng/ul	182928	1,4-Dichlorobenzene-d4	7.829

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	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

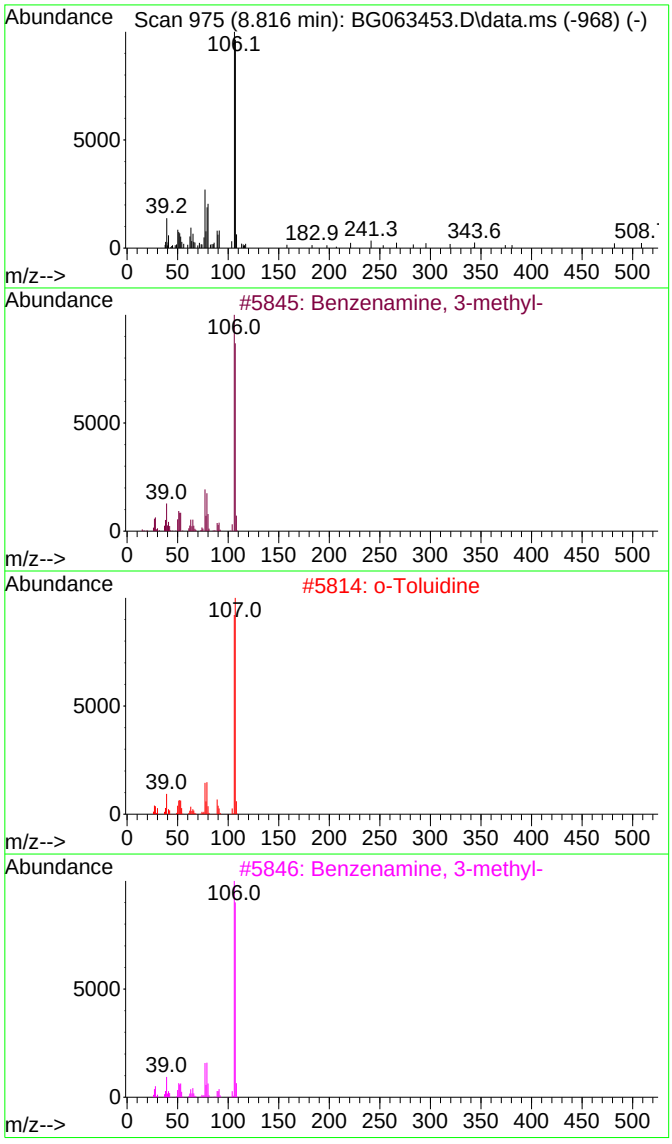
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

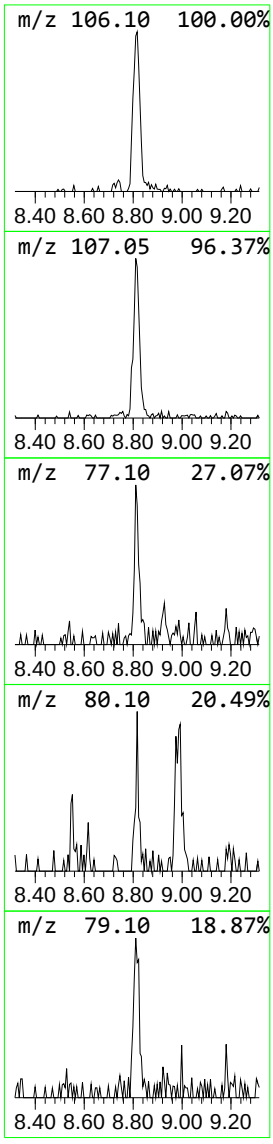
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenamine, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.816	3.76 ng/ul	102839	1,4-Dichlorobenzene-d4	7.829

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	93
2	o-Toluidine	107	C7H9N	000095-53-4	87
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	87
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	87
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

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

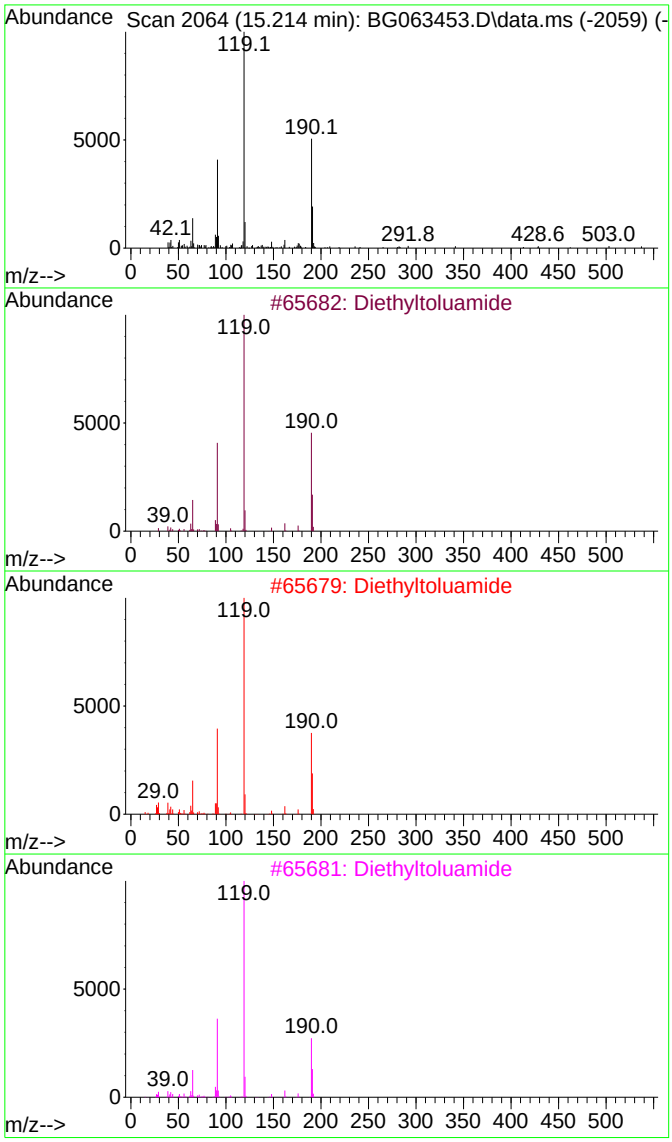
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

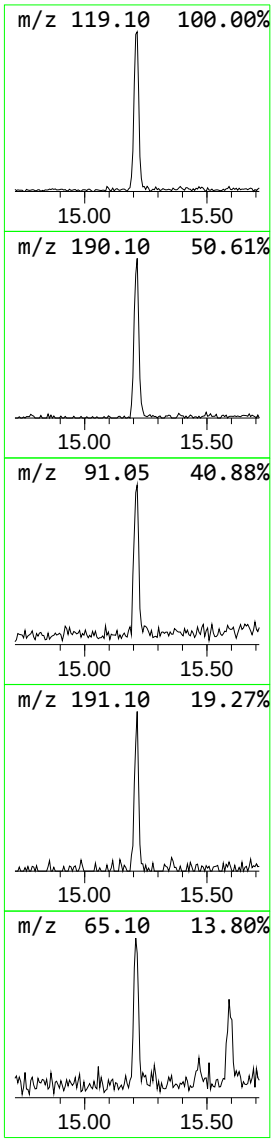
****

Peak Number 4 Diethyltoluamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	3.23 ng/ul	189437	Acenaphthene-d10	14.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	93
3	Diethyltoluamide	191	C12H17NO	000134-62-3	93
4	Diethyltoluamide	191	C12H17NO	000134-62-3	93
5	Diethyltoluamide	191	C12H17NO	000134-62-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

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

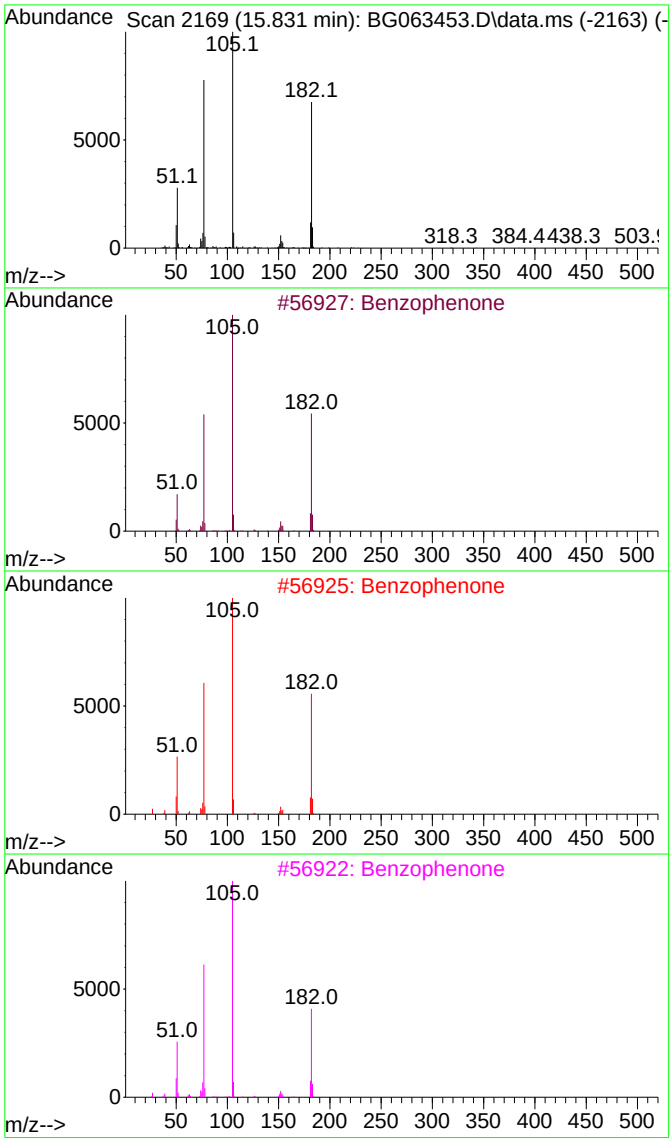
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

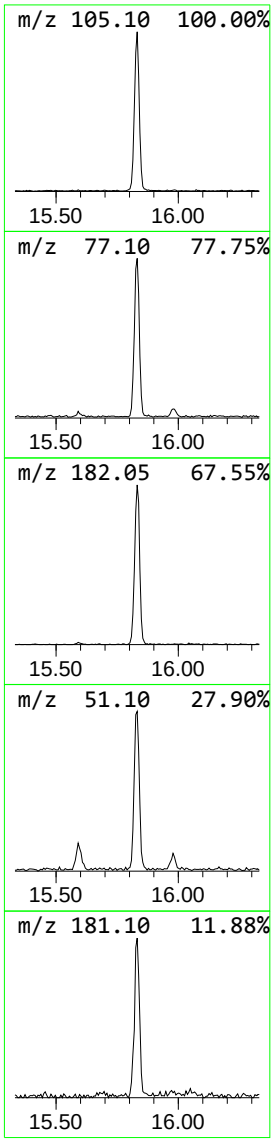
****

Peak Number 5 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.831	15.24 ng/ul	892502	Acenaphthene-d10	14.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

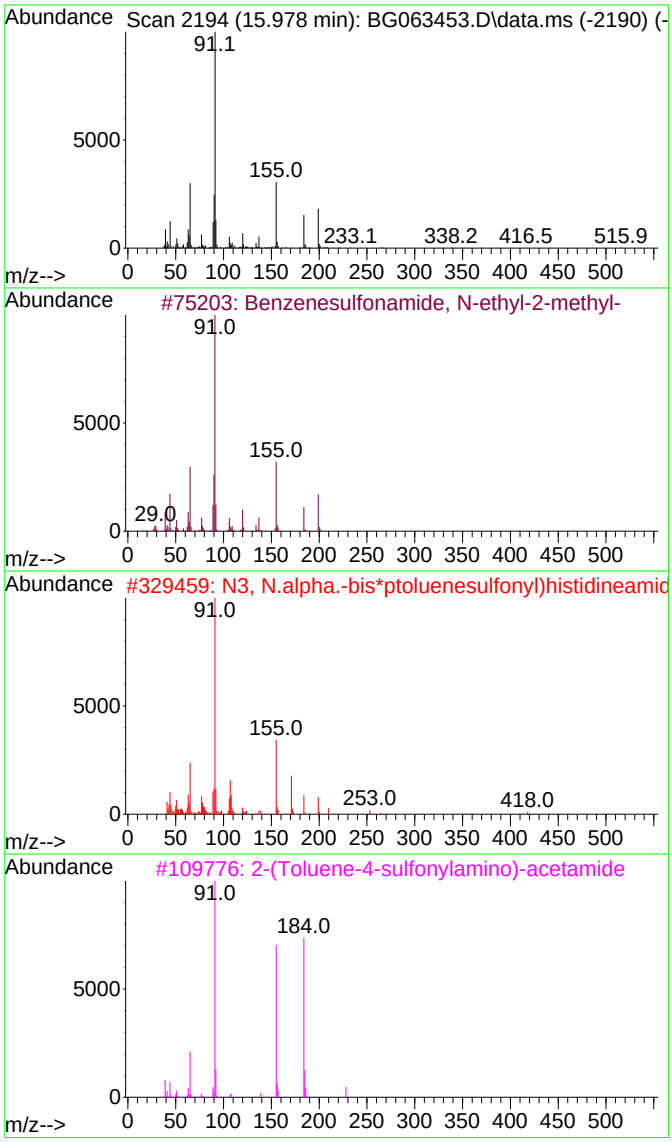
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

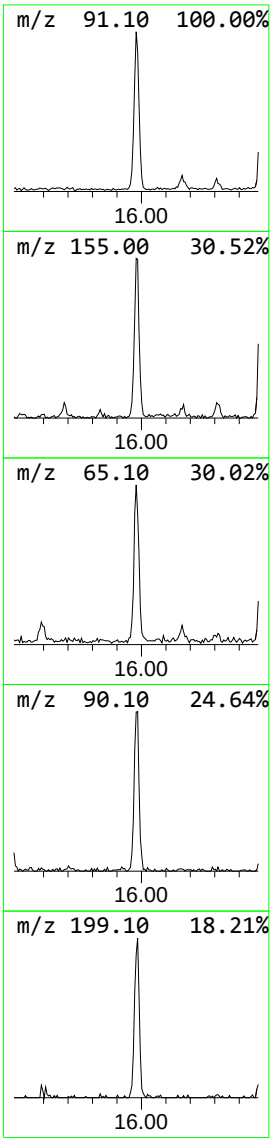
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzenesulfonamide, N-ethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.978	6.73 ng/ul	514698	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	91
2	N3, N.alpha.-bis*ptoluenesulfony...	462	C20H22N4O5S2	1000130-21-9	72
3	2-(Toluene-4-sulfonylamino)-acet...	228	C9H12N2O3S	1000318-17-2	53
4	(N-(p-Tolylsulfonyl)glycyl)hydra...	243	C9H13N3O3S	003619-20-3	53
5	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

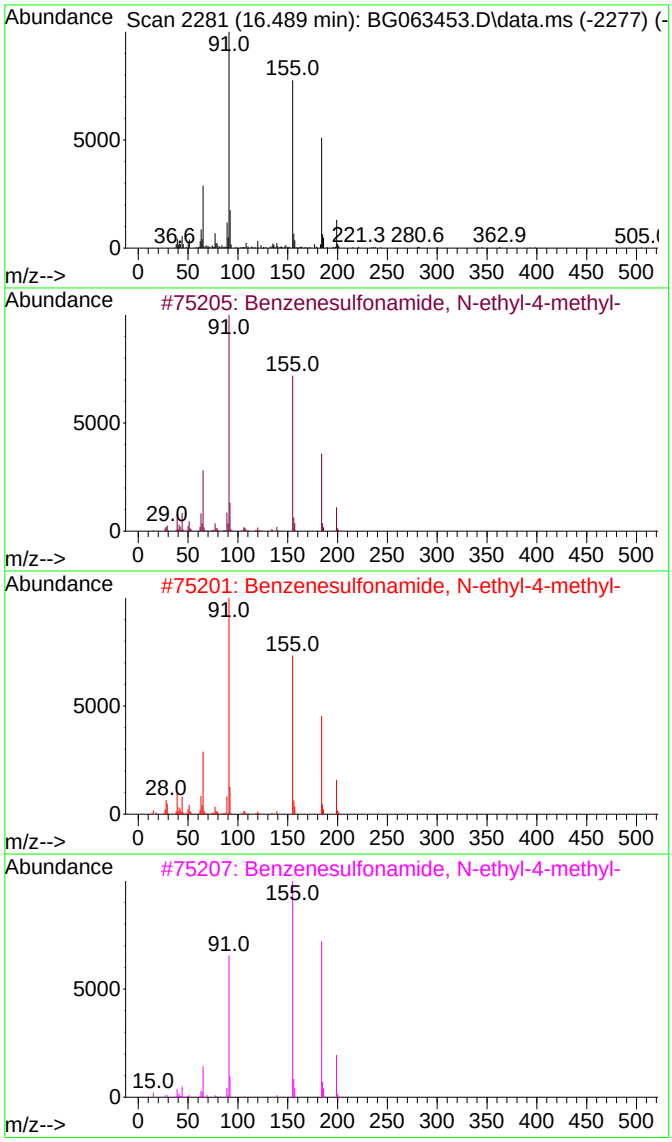
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

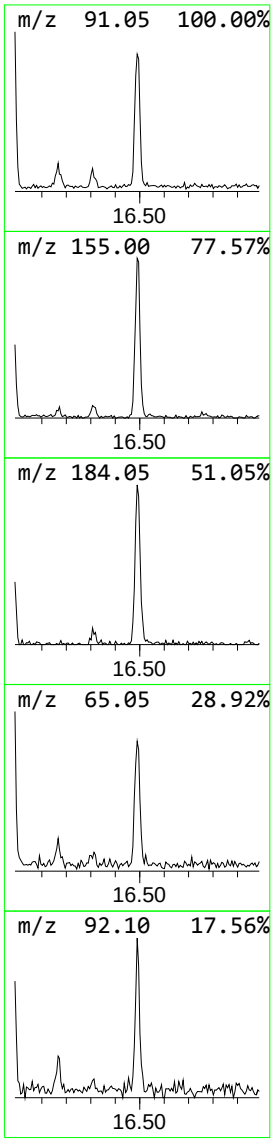
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzenesulfonamide, N-ethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.490	3.67 ng/ul	280940	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	94
3	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	91
4	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	90
5	Benzene, 4-(ethylsulfonyl)-1-met...	184	C9H12O2S	007569-34-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063453.D
Acq On : 16 Nov 2024 10:52
Operator : RC/JU
Sample : P4828-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBA04

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	4.486	3.2	ng/ul	87573	1	7.829	546842	20.0
Benzene, chloro-	5.162	6.7	ng/ul	182928	1	7.829	546842	20.0
Benzenamine, 3-...	8.816	3.8	ng/ul	102839	1	7.829	546842	20.0
Diethyltoluamide	15.214	3.2	ng/ul	189437	3	14.468	1171340	20.0
Benzophenone	15.831	15.2	ng/ul	892502	3	14.468	1171340	20.0
Benzenesulfonam...	15.978	6.7	ng/ul	514698	4	17.224	1530270	20.0
Benzenesulfonam...	16.490	3.7	ng/ul	280940	4	17.224	1530270	20.0