LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBLT2DL

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-BG121421.M
Title : SVOA CALIBRATION

Signal : TIC: BG051543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.360	653	659	663	rBV2	13853	22541	0.22%	0.093%
2	7.413	663	668	676	rVV5	12233	21746	0.21%	0.090%
3	7.495	676	682	686	rVB2	15917	24558	0.23%	0.101%
4	7.583	692	697	705	rBV2	10808	19076	0.18%	0.079%
5	7.771	723	729	732	rBV2	13428	27492	0.26%	0.114%
6	7.801	732	734	741	rVB2	15236	22247	0.21%	0.092%
7	7.924	749	755	761	rBV2	44498	70305	0.67%	0.290%
8	8.276	809	815	822	rBV	128170	226448	2.16%	0.935%
9	8.400	831	836	845	rVB4	13754	33812	0.32%	0.140%
10	8.664	874	881	889	rVB	135439	228937	2.19%	0.945%
11	8.829	902	909	917	rVB	57139	101218	0.97%	0.418%
12	8.964	929	932	941	rVB3	14867	24477	0.23%	0.101%
13	9.445	1009	1014	1018	rVV4	13762	27796	0.27%	0.115%
14	9.481	1018	1020	1025	rVV	9805	13374	0.13%	0.055%
15	9.545	1025	1031	1035	rVB3	6653	11159	0.11%	0.046%
16	9.651	1044	1049	1055	rVB2	17334	30775	0.29%	0.127%
17	9.780	1061	1071	1077	rBV2	41492	84017	0.80%	0.347%
18	9.839	1077	1081	1087	rVB3	11735	18587	0.18%	0.077%
19	10.180	1132	1139	1144	rBV2	10797	19824	0.19%	0.082%
20	10.238	1144	1149	1155	rVV3	8153	12429	0.12%	0.051%
21	10.356	1159	1169	1175	rVV4	13793	26222	0.25%	0.108%
22	10.438	1178	1183	1188	rVV5	12964	23625	0.23%	0.098%
23	10.515	1188	1196	1205	rVV5	39608	92294	0.88%	0.381%
24	10.661	1215	1221	1226	rVV6	14254	27245	0.26%	0.112%
25	10.720	1226	1231	1240	rVB3	19166	35477	0.34%	0.146%
26	11.002	1274	1279	1289	rVB2	5557	11933	0.11%	0.049%
27	11.125	1291	1300	1301	rVV	153020	259106	2.47%	1.070%
28	11.190	1301	1311	1318	rVV	4852869	10473028	100.00%	43.242%
29	11.290	1321	1328	1336	rVB	205962	364046	3.48%	1.503%
30	12.477	1525	1530	1535	rBV4	10071	18079	0.17%	0.075%
31	12.653	1555	1560	1566	rBV	22001	36579	0.35%	0.151%
32	12.759	1569	1578	1589	rBV	1111681	1827159	17.45%	7.544%
33	12.870	1589	1597	1603	rVV	40095	72564	0.69%	0.300%
34	12.976	1603	1615	1624	rVB	553524	913624	8.72%	3.772%
35	13.381	1679	1684	1690	rBV4	6417	10490	0.10%	0.043%
36	13.745	1740	1746	1753	rVB	222906	355230	3.39%	1.467%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

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-BG121421.M
Title : SVOA CALIBRATION

37	13.945	1774	1780	1790	rVB	52069	94861	0.91%	0.392%
38	14.080	1792	1803	1804	rBV4	48717	84926	0.81%	0.351%
39	14.233	1822	1829	1834	rVV2	90215	153939	1.47%	0.636%
40	14.292	1834	1839	1845	rVB2	75967	145441	1.39%	0.601%
41	14.474	1864	1870	1873	rBV	28194	47899	0.46%	0.198%
42	14.503	1873	1875	1879	rVB	11144	11184	0.11%	0.046%
43	14.609	1886	1893	1895	rBV2	47922	75980	0.73%	0.314%
44	14.632	1895	1897	1903	rVB2	32683	45993	0.44%	0.190%
45	14.914	1933	1945	1950	rBV	304628	525954	5.02%	2.172%
46	14.979	1950	1956	1961	rVV	755121	1167192	11.14%	4.819%
47	15.032	1961	1965	1975	rVB	108209	172936	1.65%	0.714%
48	15.220	1993	1997	2004	rVV	12464	18006	0.17%	0.074%
49	15.308	2005	2012	2019	rVV	652862	1004465	9.59%	4.147%
50	15.520	2039	2048	2052	rBV6	4816	10618	0.10%	0.044%
51	15.895	2102	2112	2117	rBV	56467	94058	0.90%	0.388%
52	15.954	2117	2122	2127	rVV	301425	449190	4.29%	1.855%
53	15.995	2127	2129	2132	rVB3	12988	12650	0.12%	0.052%
54	16.078	2140	2143	2146	rVV4	7882	10884	0.10%	0.045%
55	16.119	2146	2150	2155	rVB2	14172	21519	0.21%	0.089%
56	16.207	2161	2165	2168	rBV2	11547	17070	0.16%	0.070%
57	16.248	2168	2172	2178	rVB	33077	46946	0.45%	0.194%
58	16.389	2191	2196	2205	rVB4	32261	81888	0.78%	0.338%
59	16.618	2228	2235	2243	rBV4	107656	208609	1.99%	0.861%
60	16.724	2248	2253	2261	rVB4	11184	19564	0.19%	0.081%
61	16.912	2278	2285	2290	rBV7	7194	14489	0.14%	0.060%
62	17.270	2343	2346	2347	rVV2	15945	18351	0.18%	0.076%
63	17.305	2347	2352	2359	rVB	108870	167461	1.60%	0.691%
64	17.476	2376	2381	2386	rVV	35968	53109	0.51%	0.219%
65	17.658	2405	2412	2416	rBV	408051	675779	6.45%	2.790%
66	17.699	2416	2419	2425	rVV	414232	587427	5.61%	2.425%
67	17.758	2425	2429	2437	rVB	63805	103194	0.99%	0.426%
68	17.846	2440	2444	2448	rBV6	12073	19789	0.19%	0.082%
69	17.934	2453	2459	2464	rBV4	7658	17193	0.16%	0.071%
70	18.051	2473	2479	2485	rBV	265501	396254	3.78%	1.636%
71	18.521	2556	2559	2563	rBV6	10053	13288	0.13%	0.055%
72	18.568	2563	2567	2571	rVV5	12076	17300	0.17%	0.071%
73	18.721	2586	2593	2596	rBV6	9735	23188	0.22%	0.096%
74	18.792	2601	2605	2607	rVV2	7943	12523	0.12%	0.052%
75	18.821	2608	2610	2614	rVV4	8370	13349	0.13%	0.055%
76	18.856	2614	2616	2620	rVV3	9089	13578	0.13%	0.056%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

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-BG121421.M
Title : SVOA CALIBRATION

77	18.897	2620	2623	2627	rVV3	14895	20855	0.20%	0.086%
78	18.950	2629	2632	2636	rVV3	15738	22142	0.21%	0.091%
79	19.003	2638	2641	2646	rVV4	8143	13170	0.13%	0.054%
80	19.056	2646	2650	2654	rVB4	14795	22976	0.22%	0.095%
81	19.432	2709	2714	2721	rVB	99572	145118	1.39%	0.599%
82	19.696	2754	2759	2763	rVB	32081	44817	0.43%	0.185%
83	20.025	2811	2815	2825	rBV2	81765	159968	1.53%	0.660%
84	20.102	2825	2828	2833	rVB3	26799	38263	0.37%	0.158%
85	21.975	3140	3147	3156	rVB	423267	745537	7.12%	3.078%
86	25.218	3694	3699	3708	rVB4	35697	97069	0.93%	0.401%
87	25.465	3732	3741	3751	rBV2	214105	653894	6.24%	2.700%

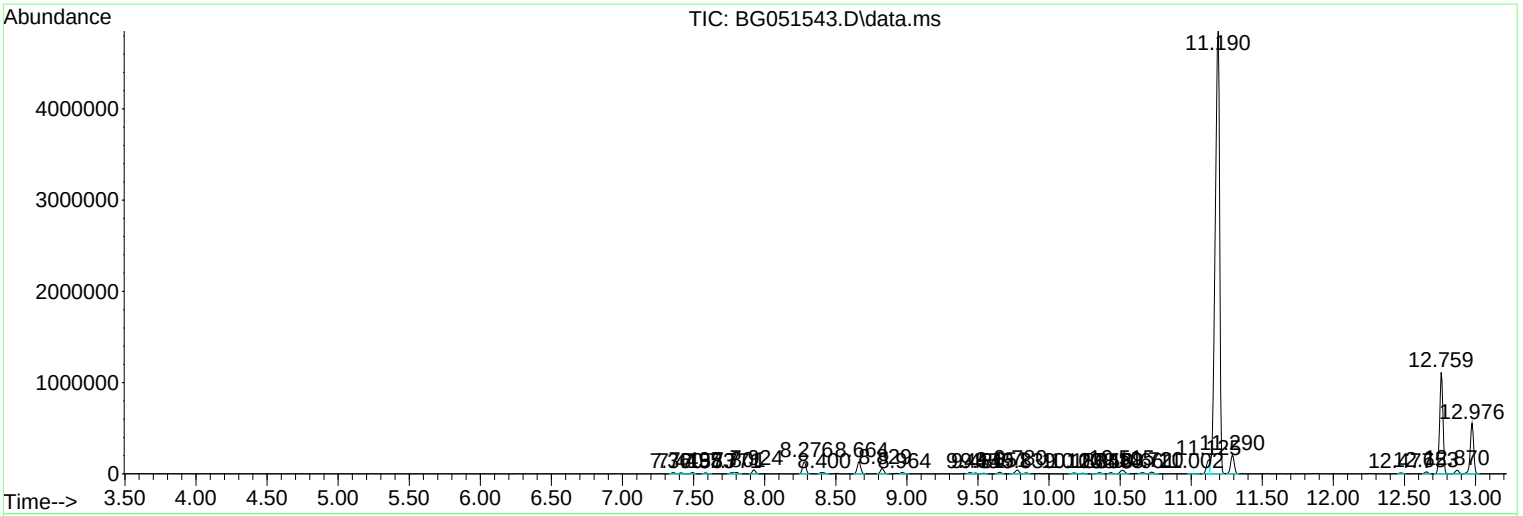
Sum of corrected areas: 24219372

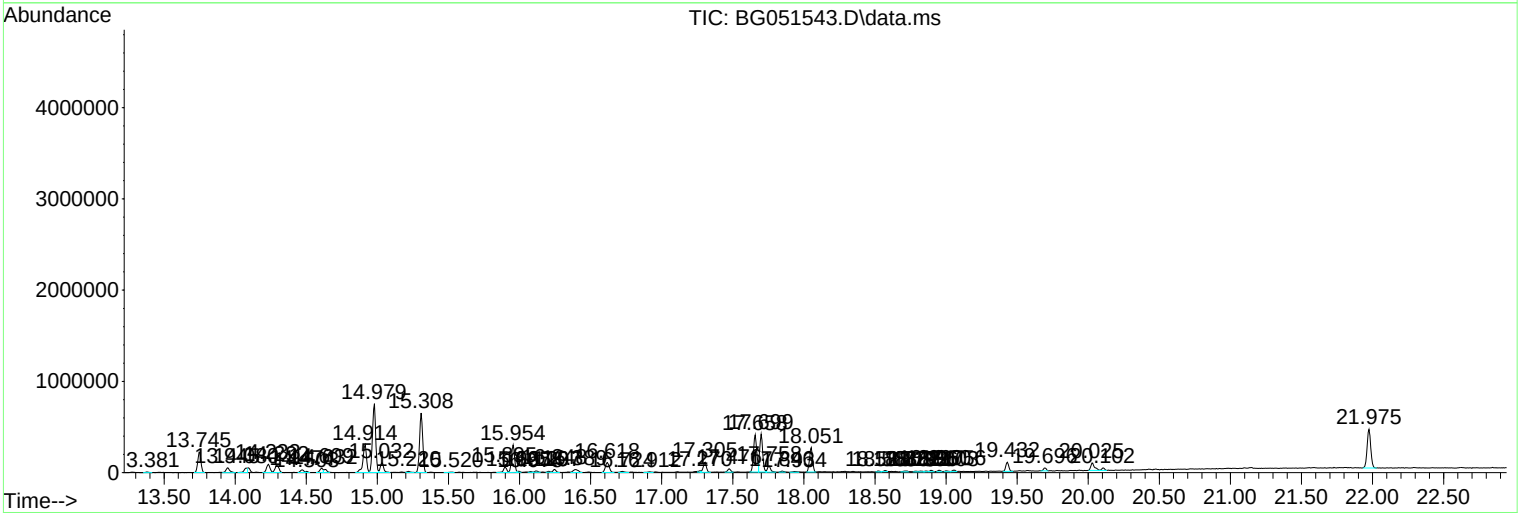
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

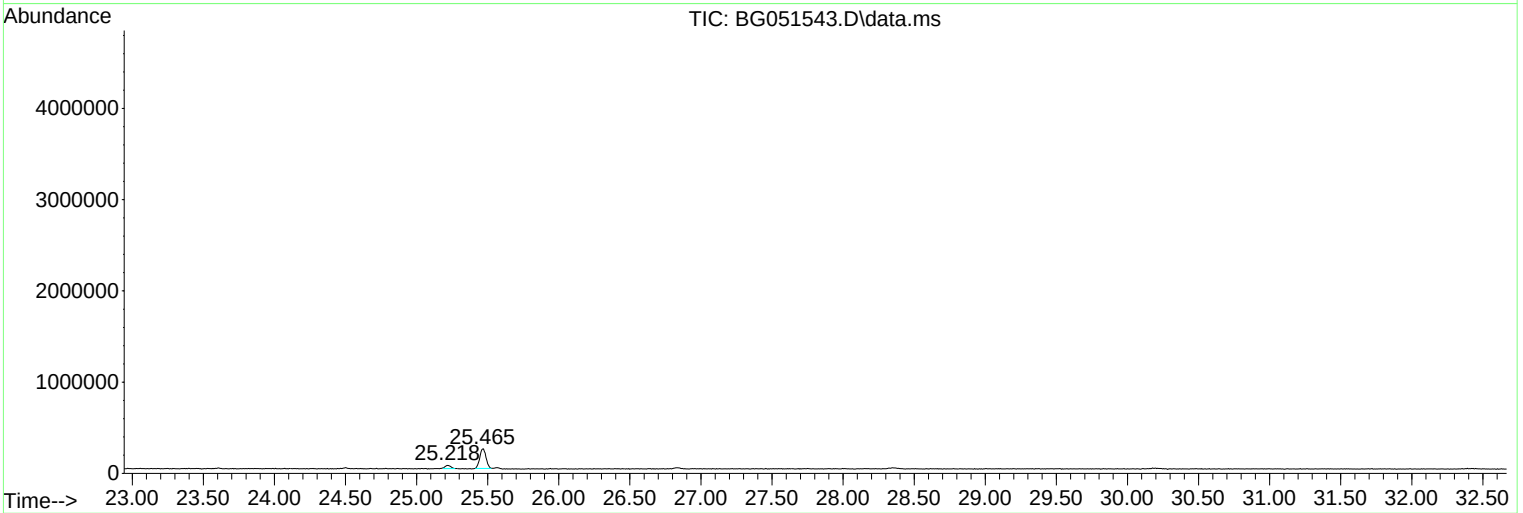
Instrument :
BNA_G
ClientSampleId :
DBLT2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

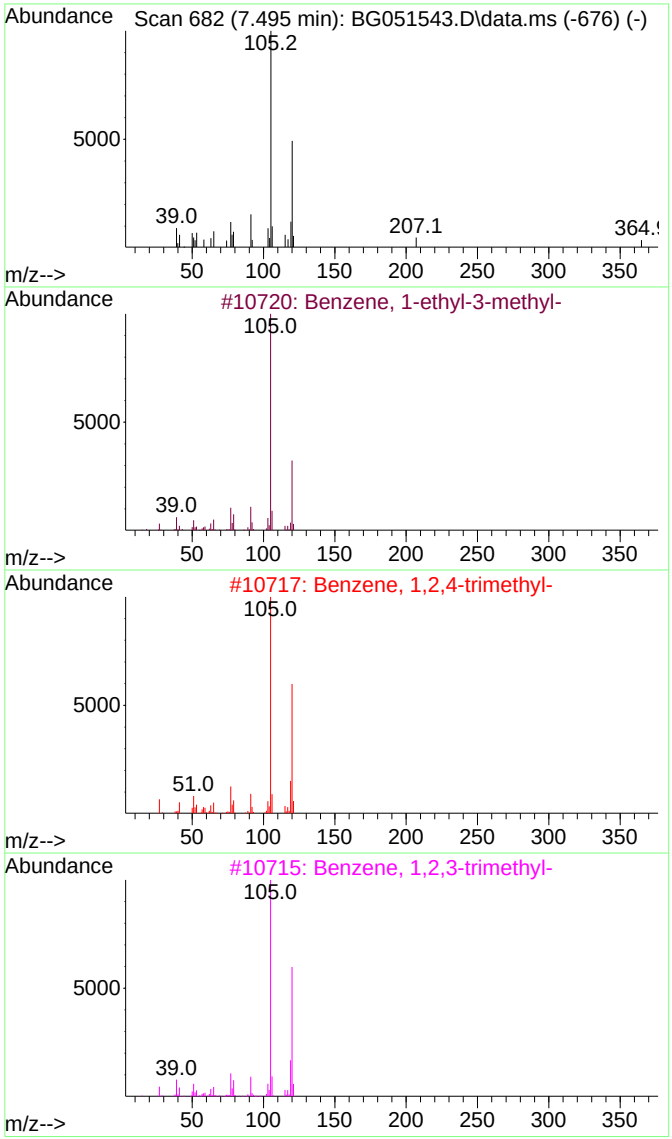
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

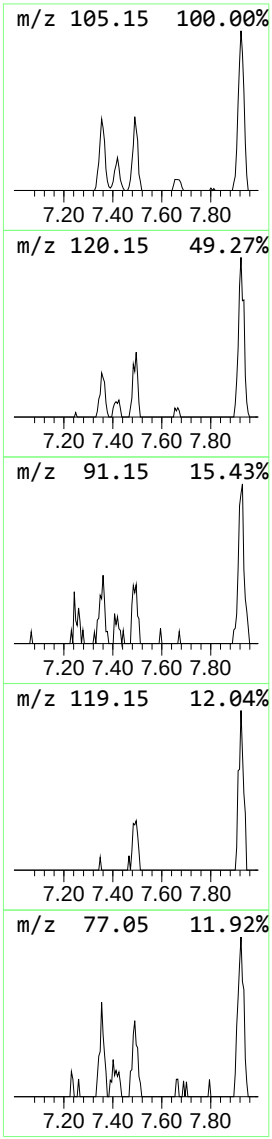
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.495	2.17 ng/ul	24558	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

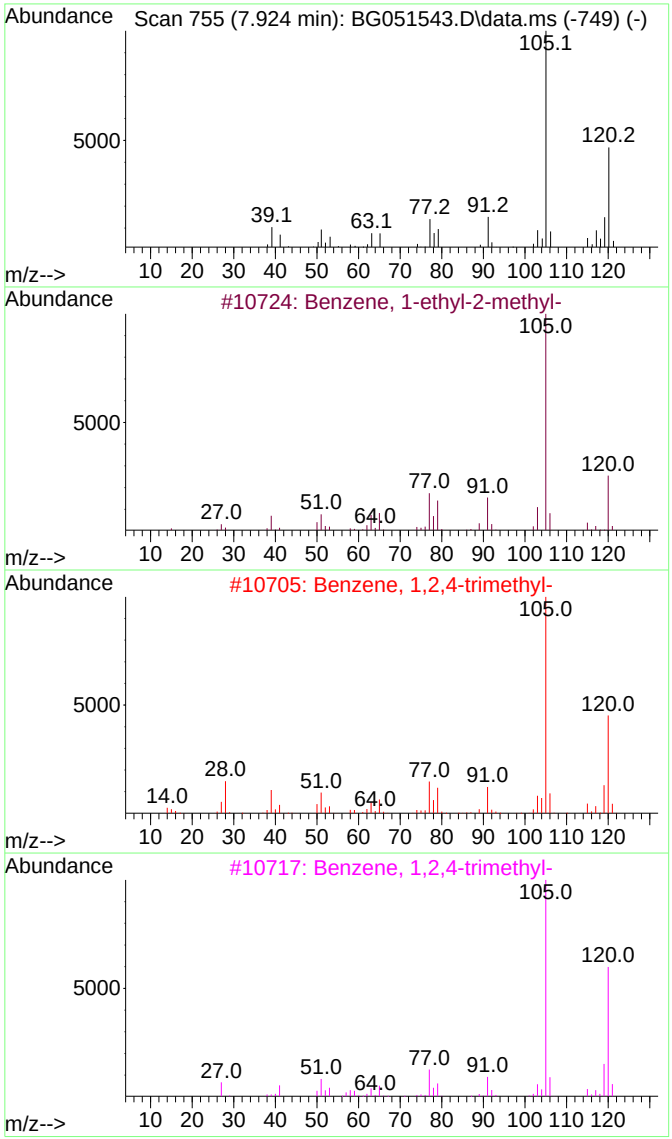
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

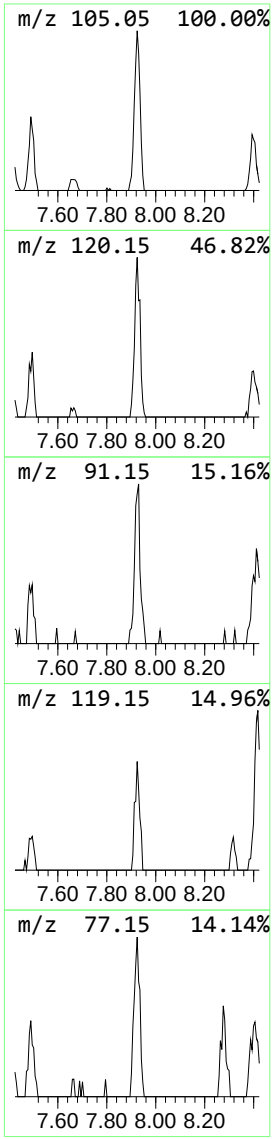
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.924	6.21 ng/ul	70305	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

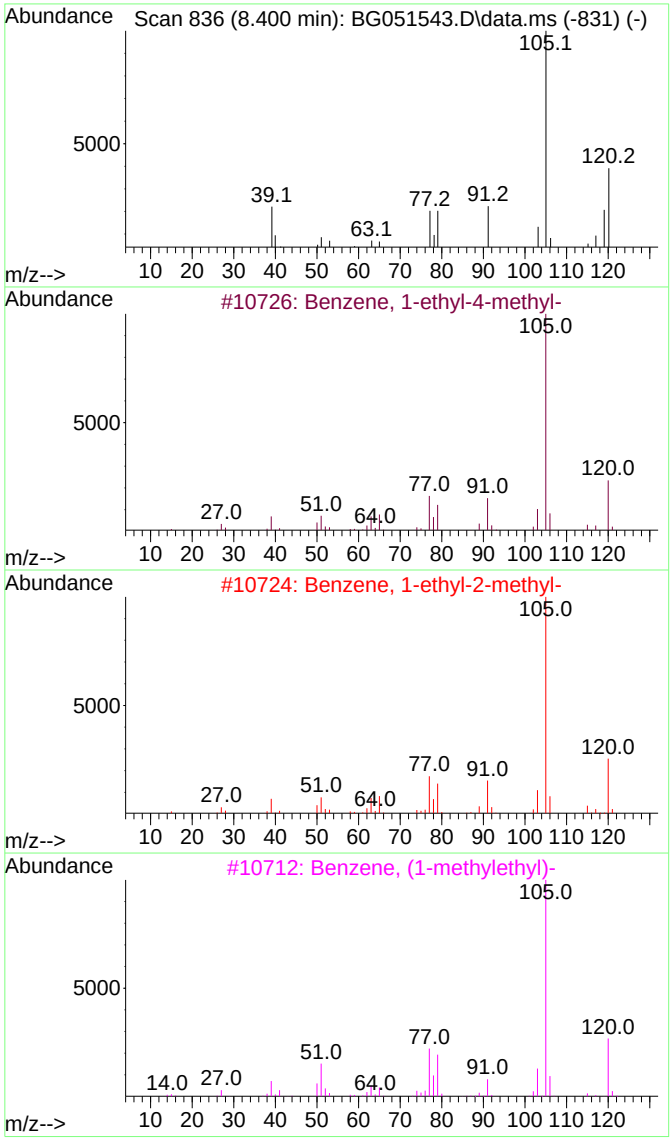
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

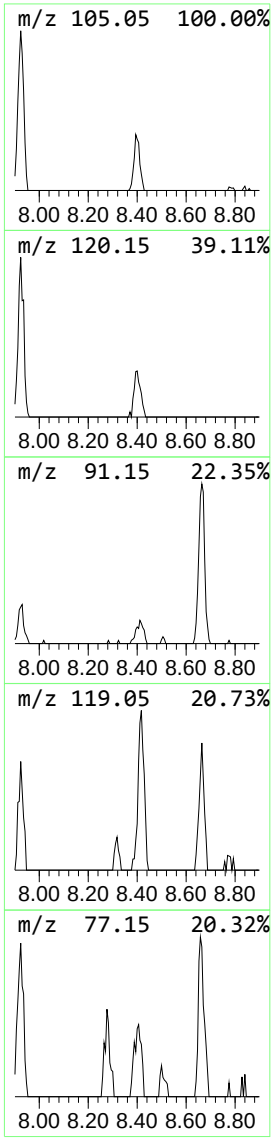
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.400	2.99 ng/ul	33812	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	59
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

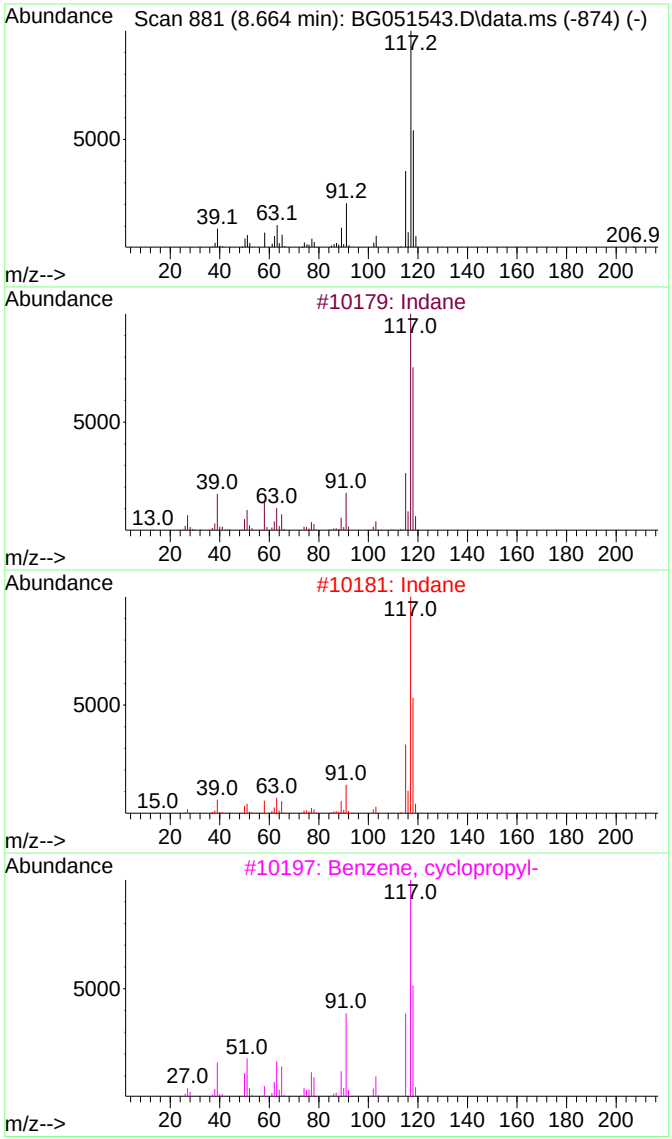
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

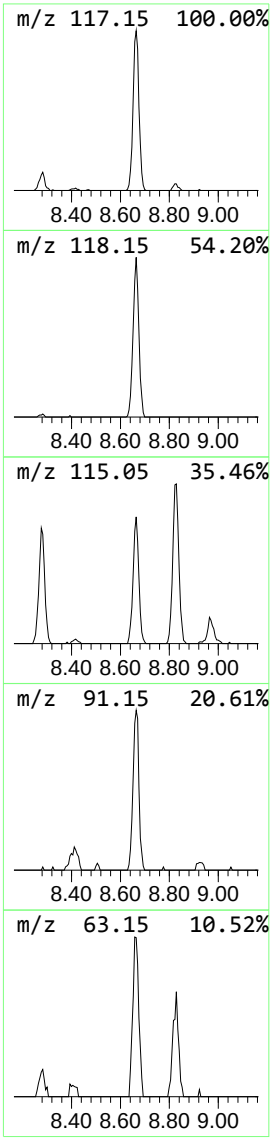
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.664	20.22 ng/ul	228937	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

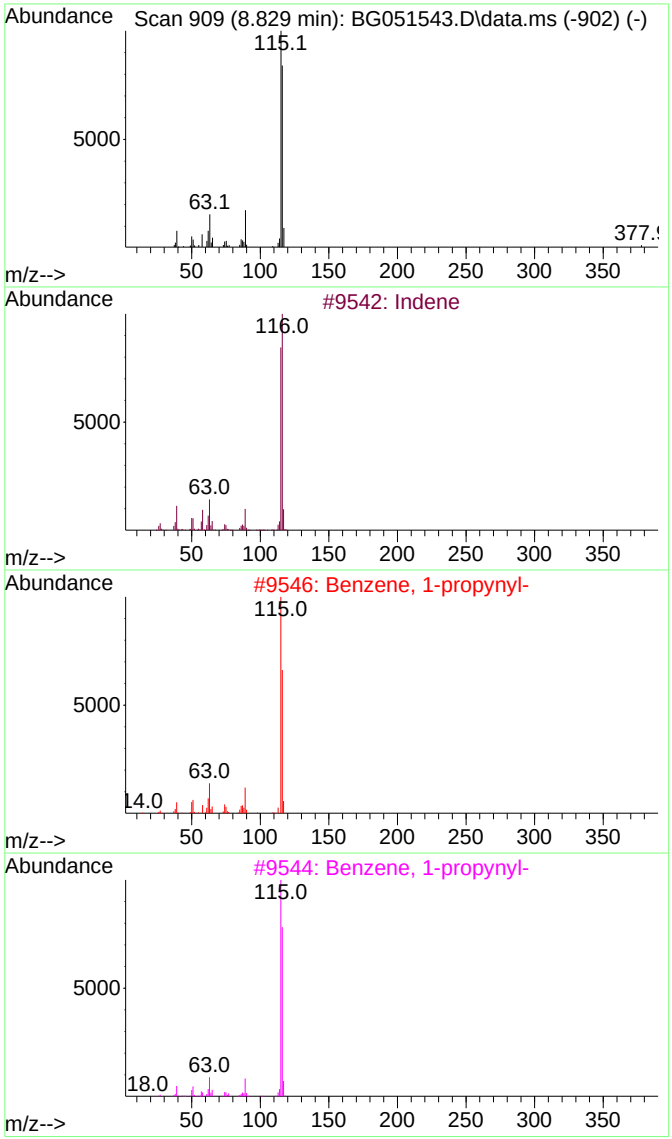
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

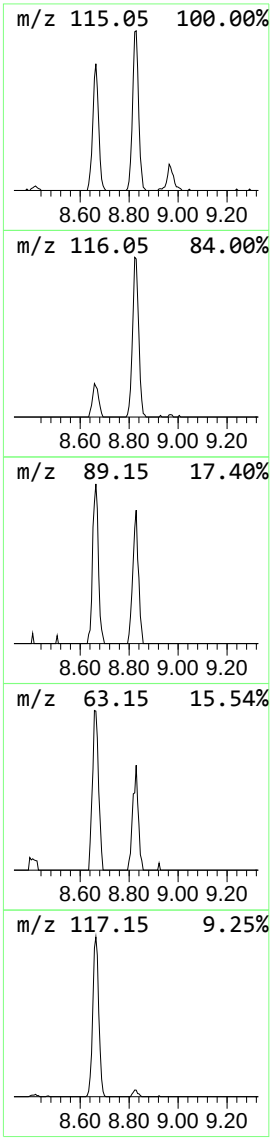
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.829	8.94 ng/ul	101218	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

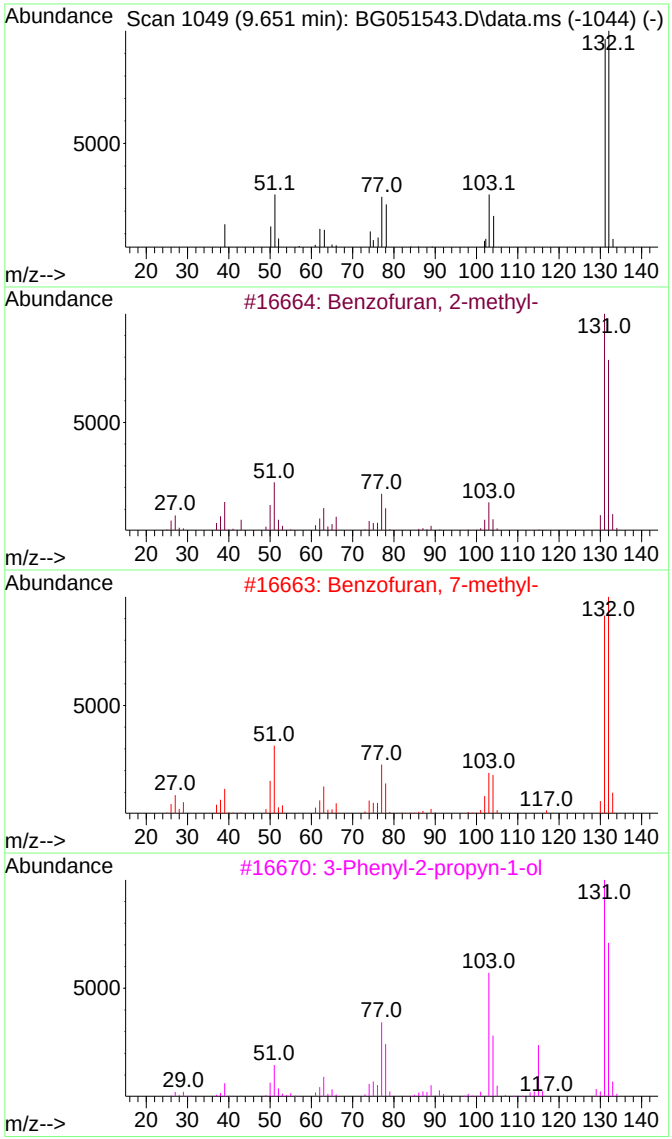
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

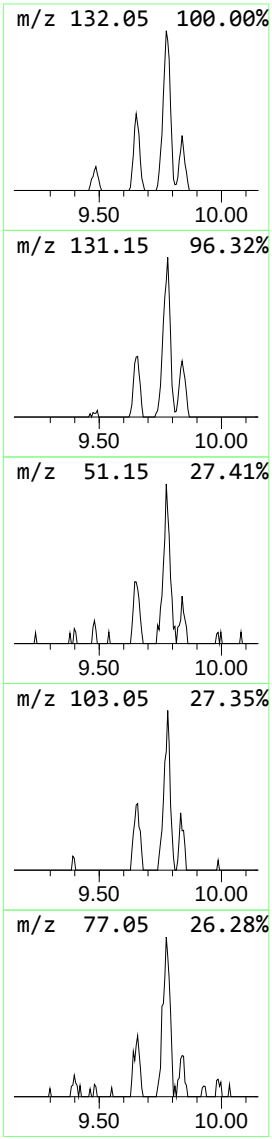
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	2.72 ng/ul	30775	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Benzofuran, 3-methyl-	132	C9H8O	021535-97-7	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





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Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

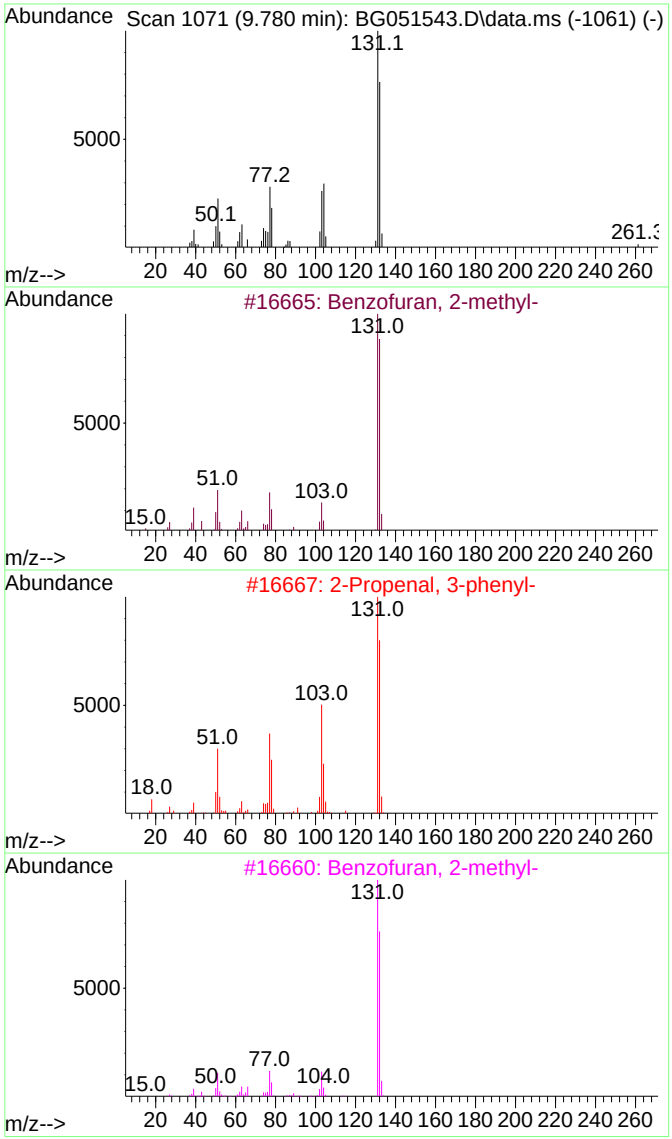
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

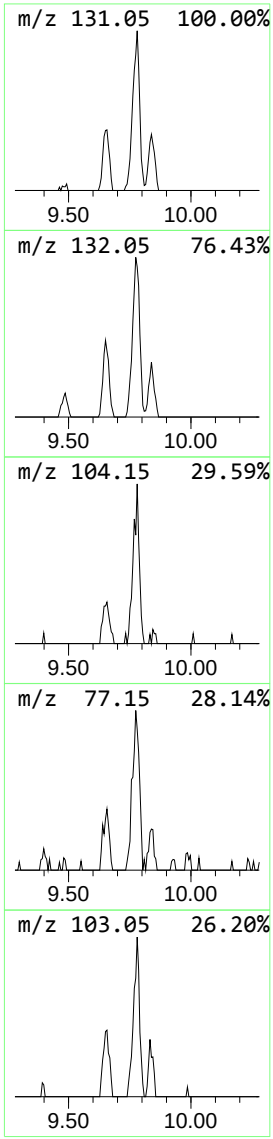
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Propenal, 3-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.780	6.49 ng/ul	84017	Naphthalene-d8	11.126

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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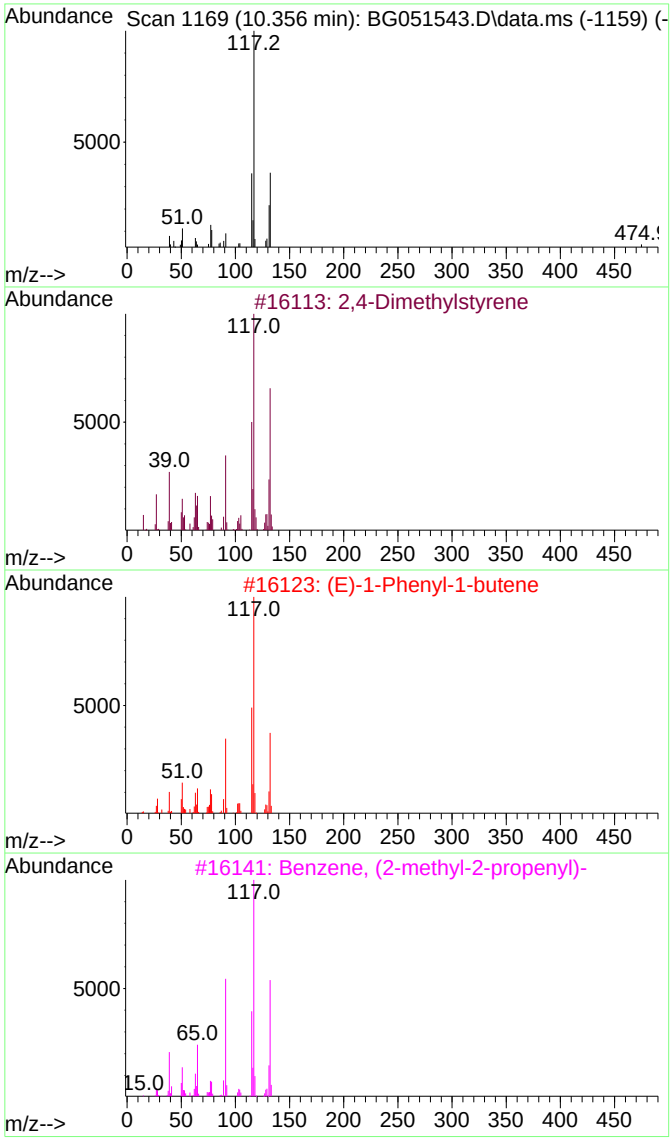
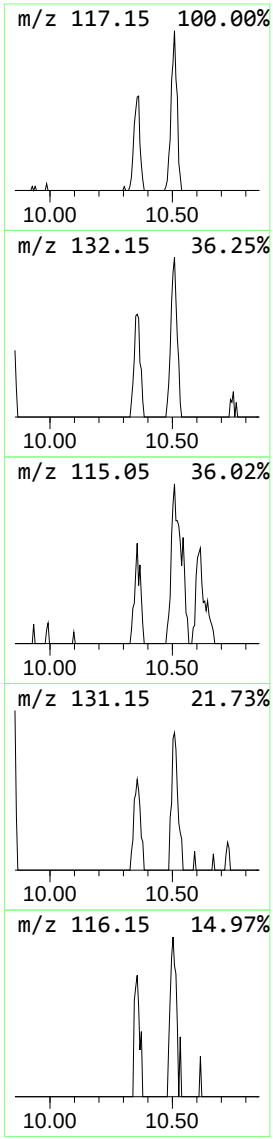
Peak Number 8 2,4-Dimethylstyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.356	2.02 ng/ul	26222	Naphthalene-d8	11.126

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	81
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	74





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Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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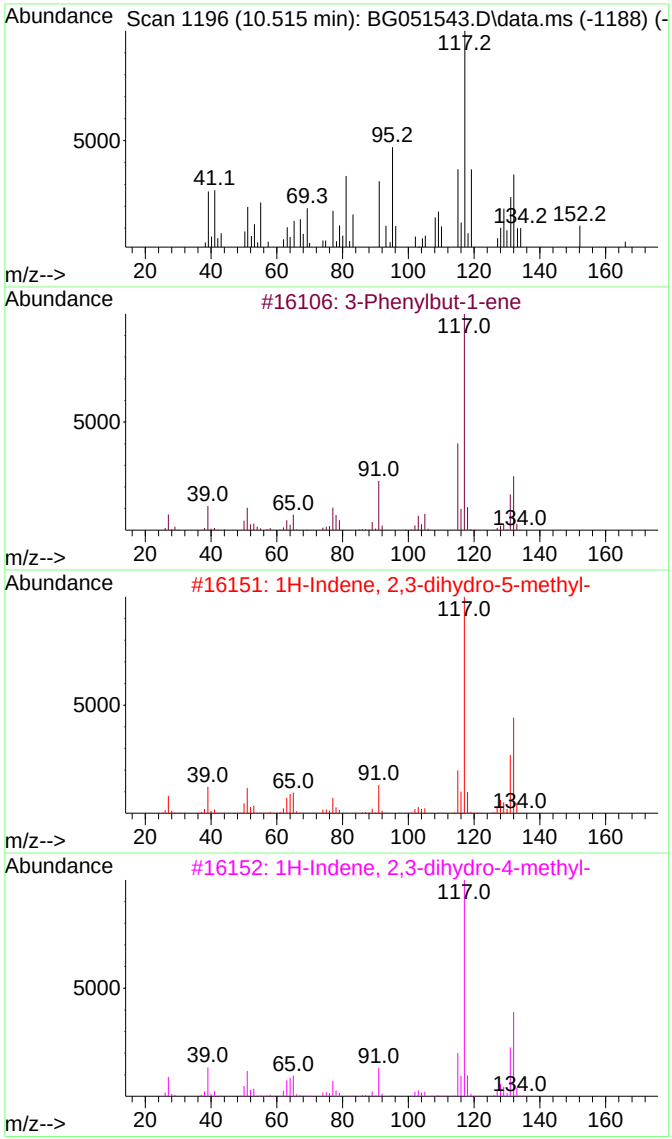
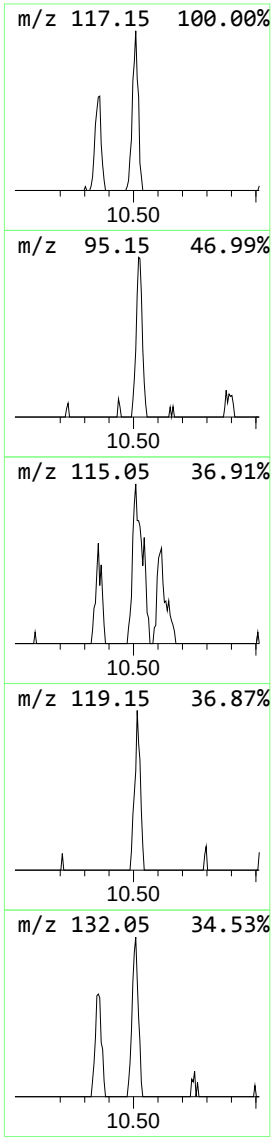
Peak Number 9 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.515	7.12 ng/ul	92294	Naphthalene-d8	11.126

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	49
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	46
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	43
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	43
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	41





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Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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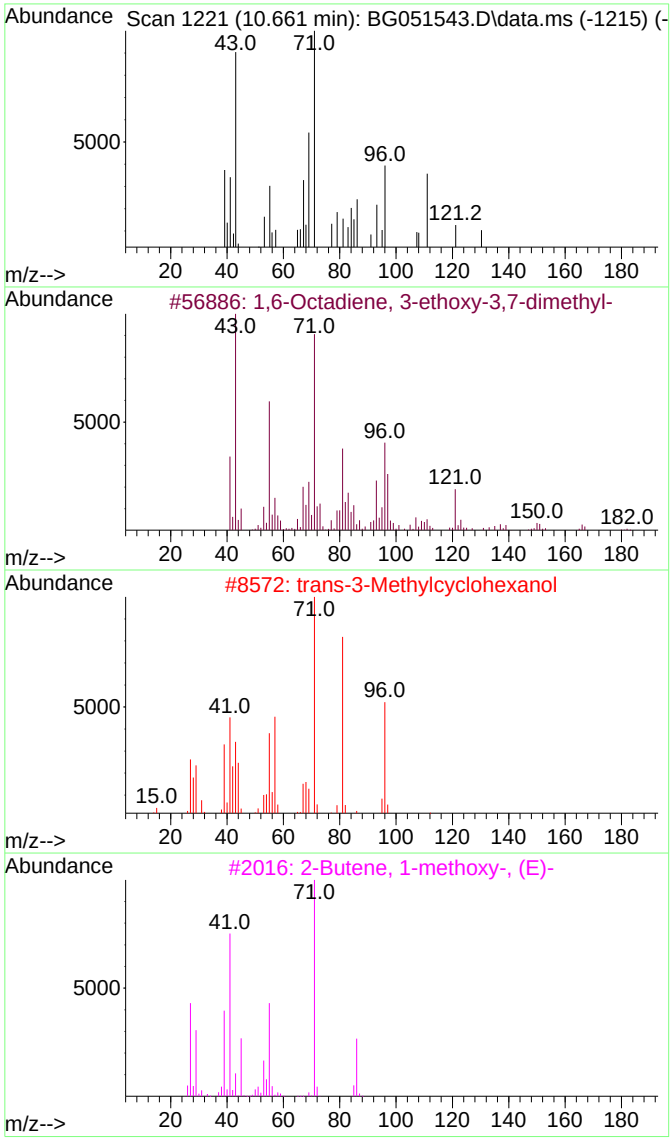
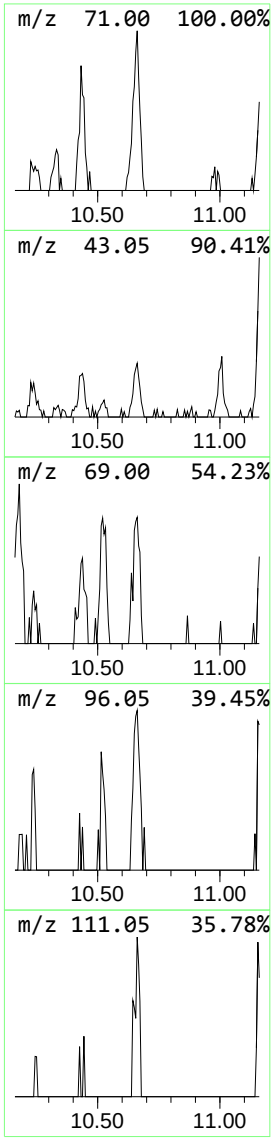
Peak Number 10 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.661	2.10 ng/ul	27245	Naphthalene-d8	11.126

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Octadiene, 3-ethoxy-3,7-dime...	182	C12H22O	072845-33-1	47
2	trans-3-Methylcyclohexanol	114	C7H14O	007443-55-2	37
3	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	30
4	1-Methylpentyl isobutyrate	172	C10H20O2	1000429-31-7	25
5	cis-3-Methylcyclohexanol	114	C7H14O	005454-79-5	25





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Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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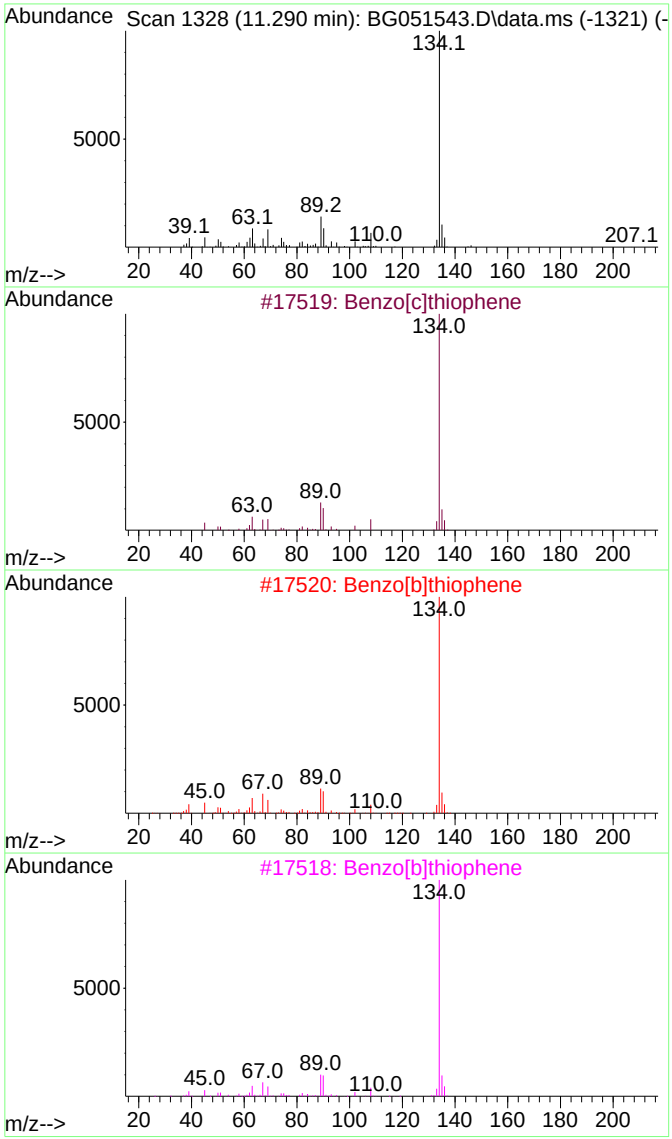
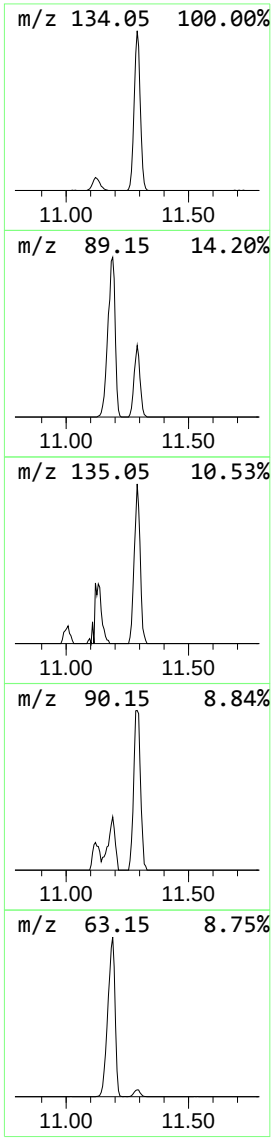
Peak Number 11 Benzo[c]thiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	28.10 ng/ul	364046	Naphthalene-d8	11.126

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





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Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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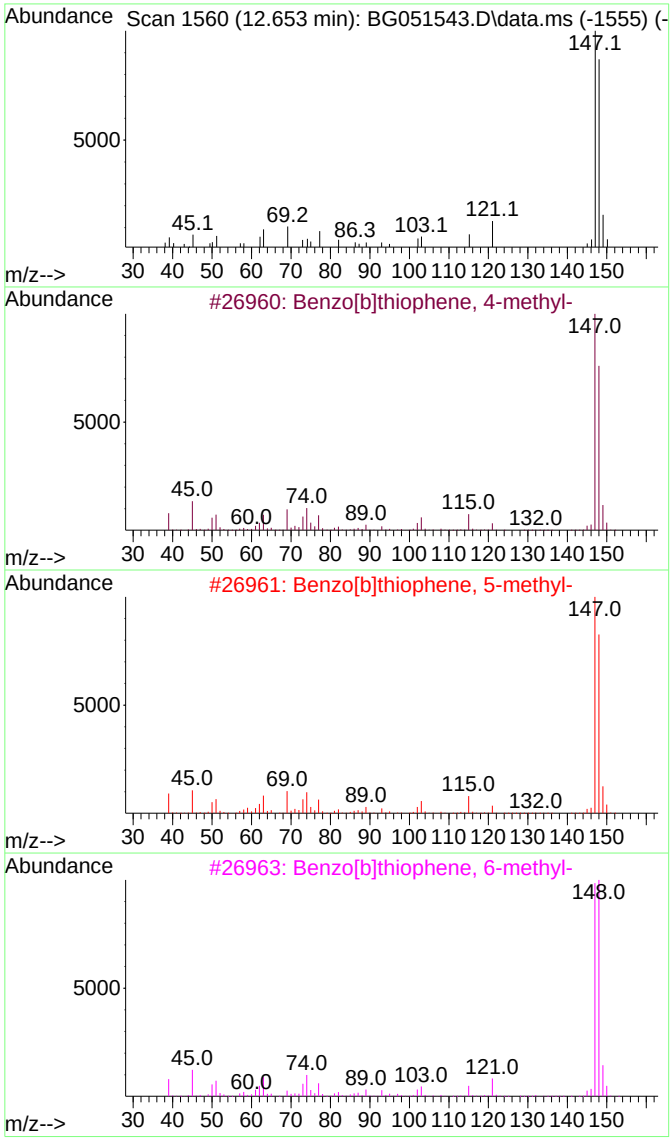
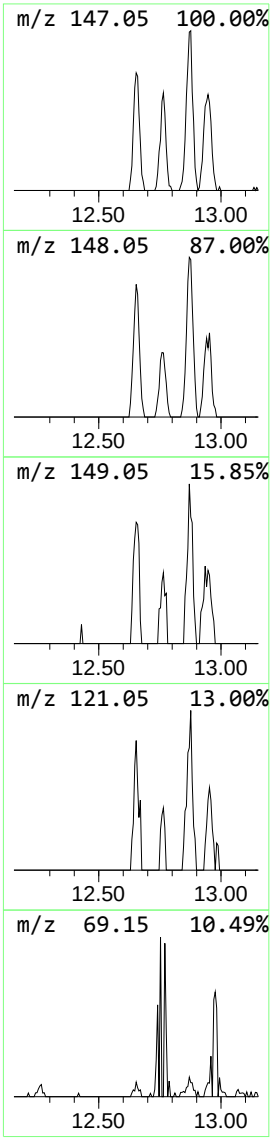
Peak Number 12 Benzo[b]thiophene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.653	2.82 ng/ul	36579	Naphthalene-d8	11.126

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	83
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	80





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Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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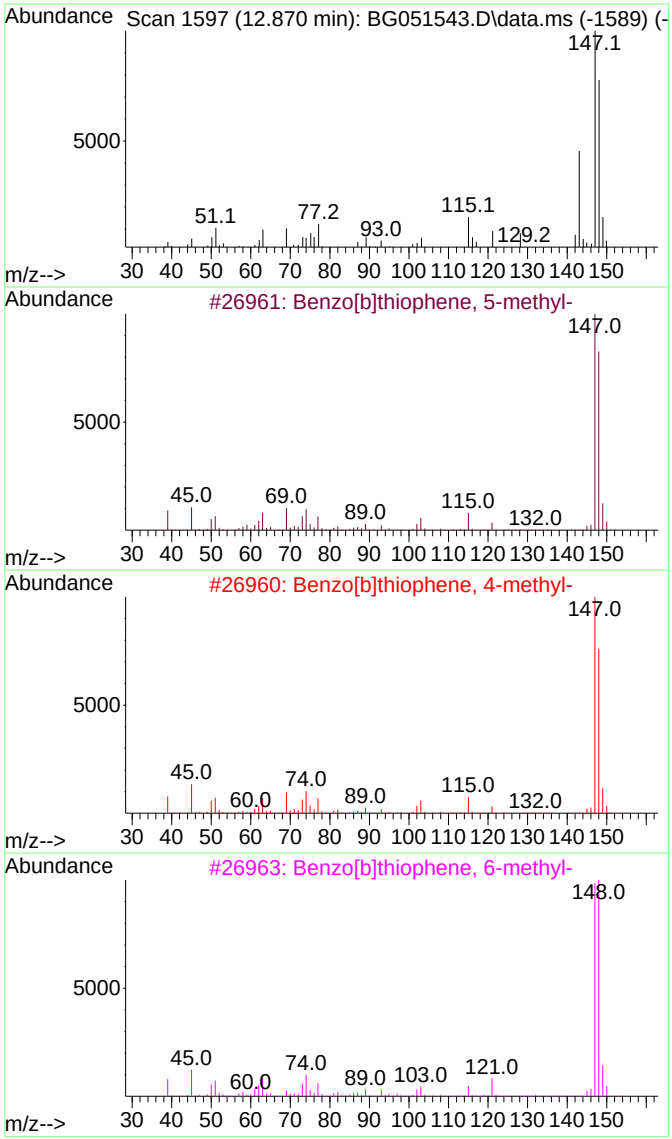
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

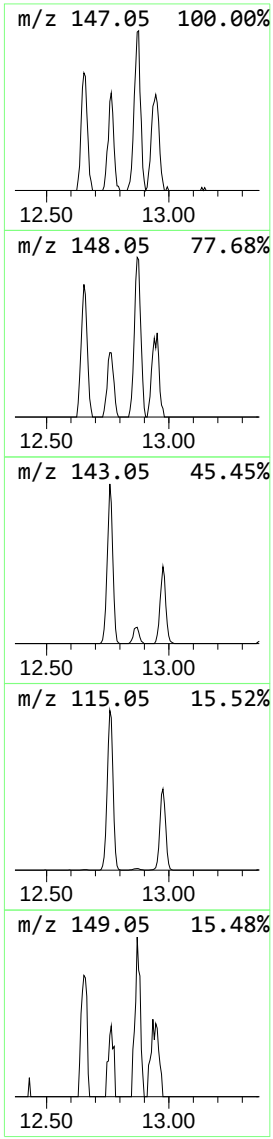
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]thiophene, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.870	5.60 ng/ul	72564	Naphthalene-d8	11.126

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	89
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	89
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	76
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	68
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	68





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Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

****

Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	3.61 ng/ul	94861	Acenaphthene-d10	14.914

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
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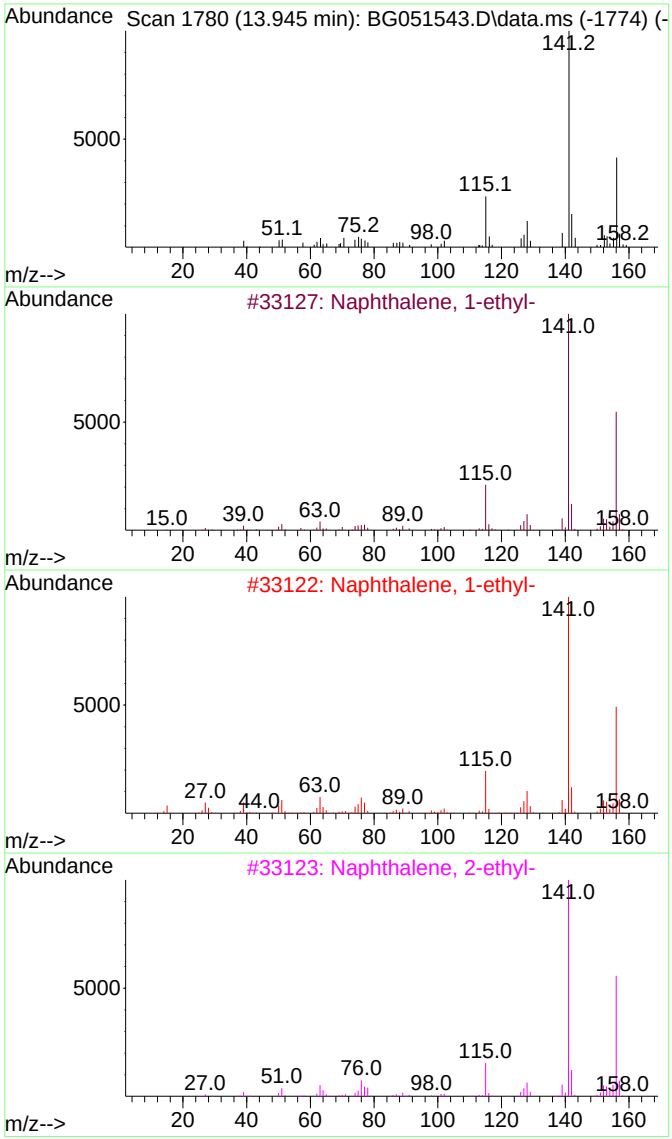
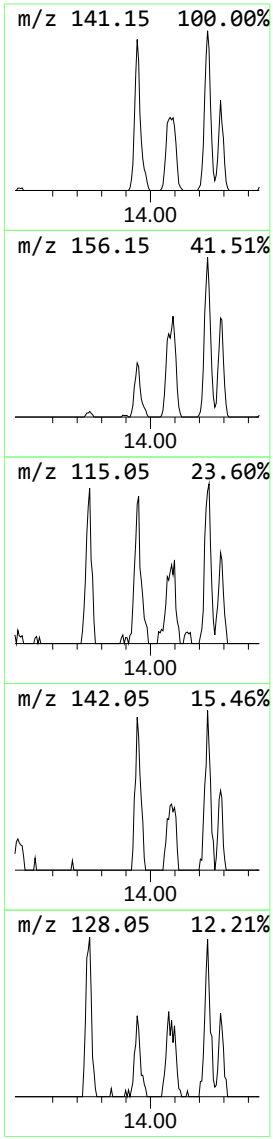
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





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Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

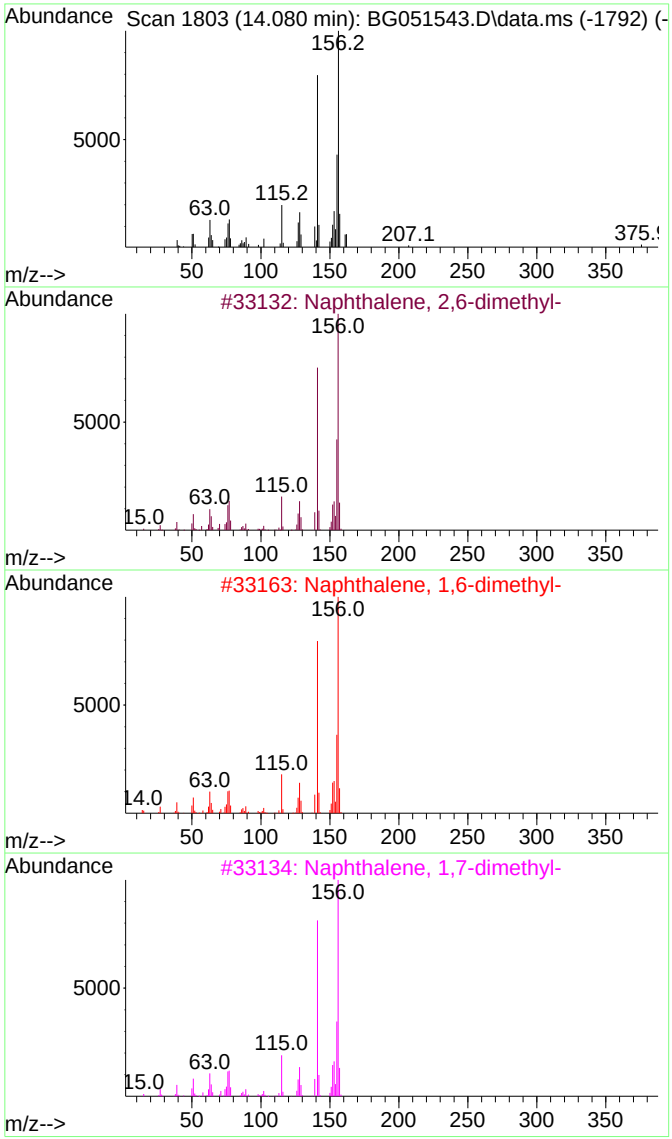
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

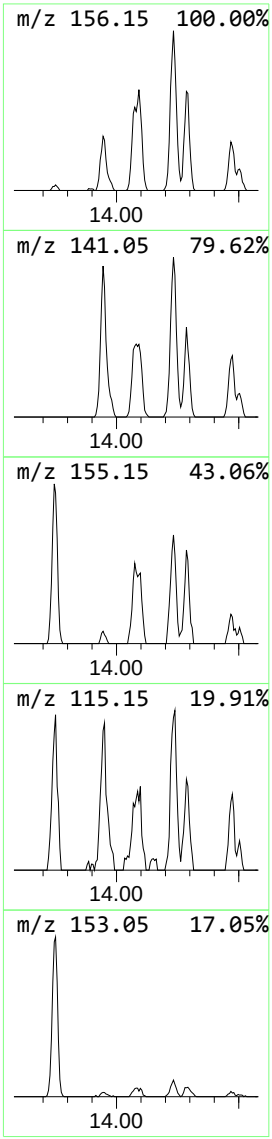
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	3.23 ng/ul	84926	Acenaphthene-d10	14.914

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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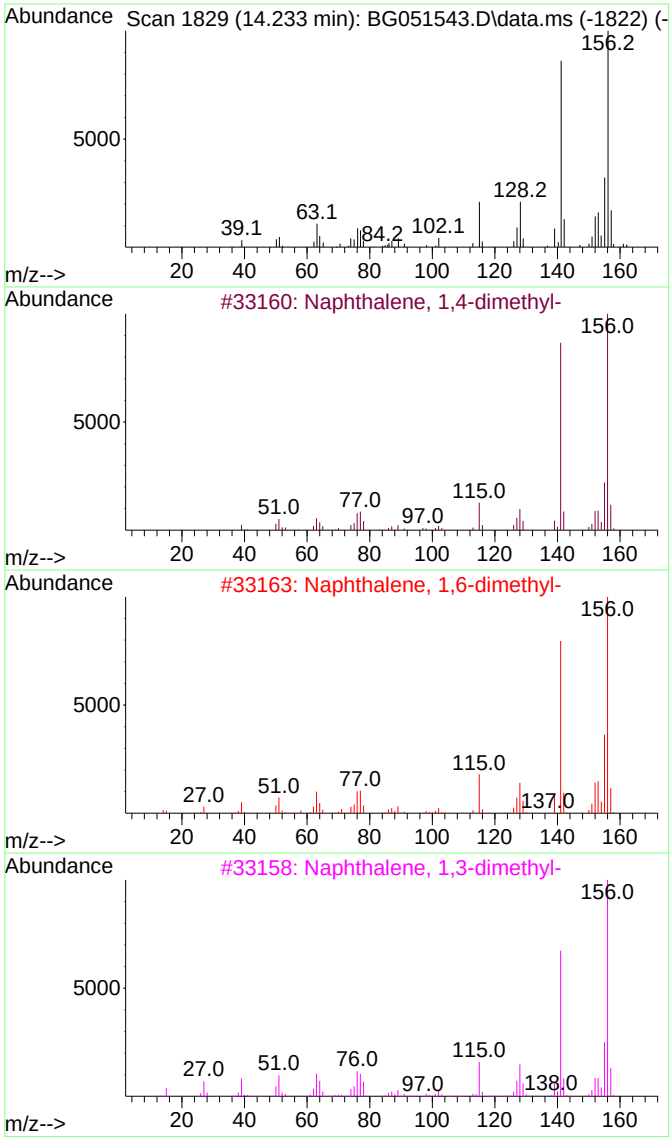
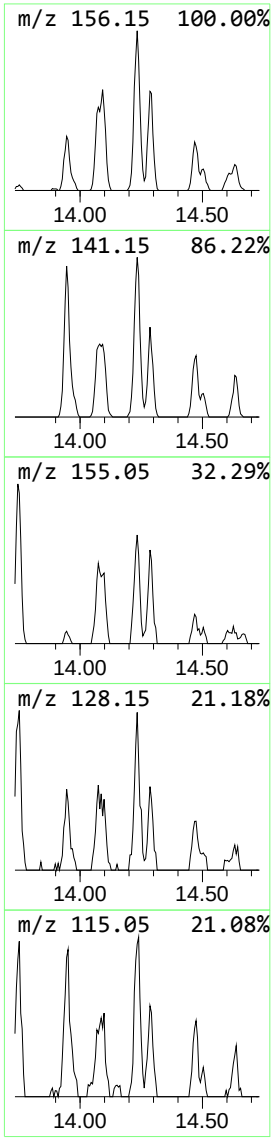
Peak Number 16 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.233	5.85 ng/ul	153939	Acenaphthene-d10	14.914

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





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Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

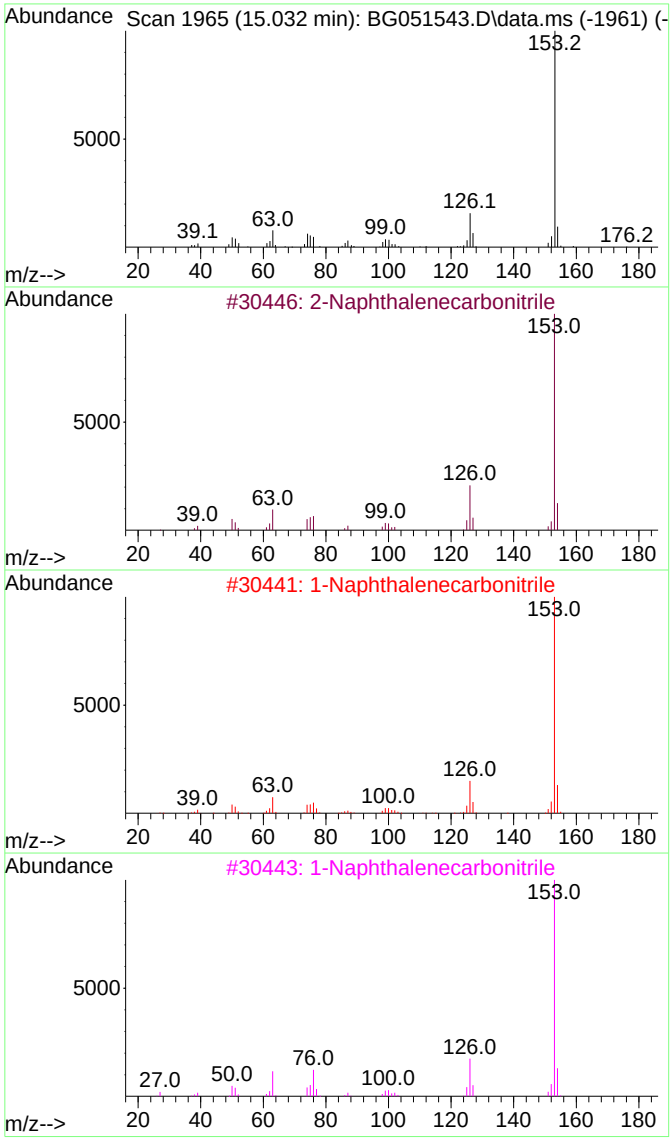
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

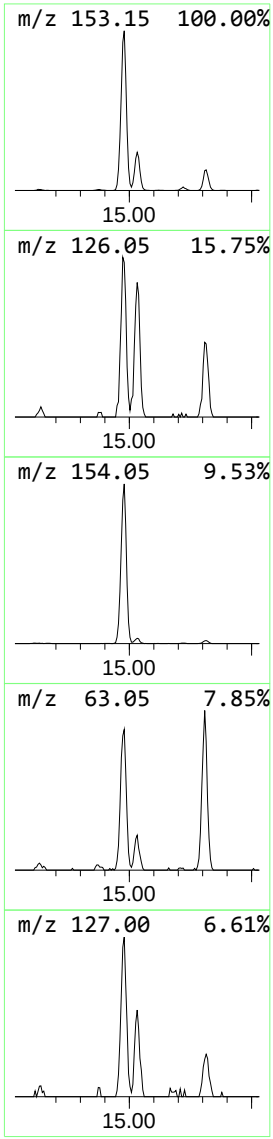
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.032	6.58 ng/ul	172936	Acenaphthene-d10	14.914

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	83





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Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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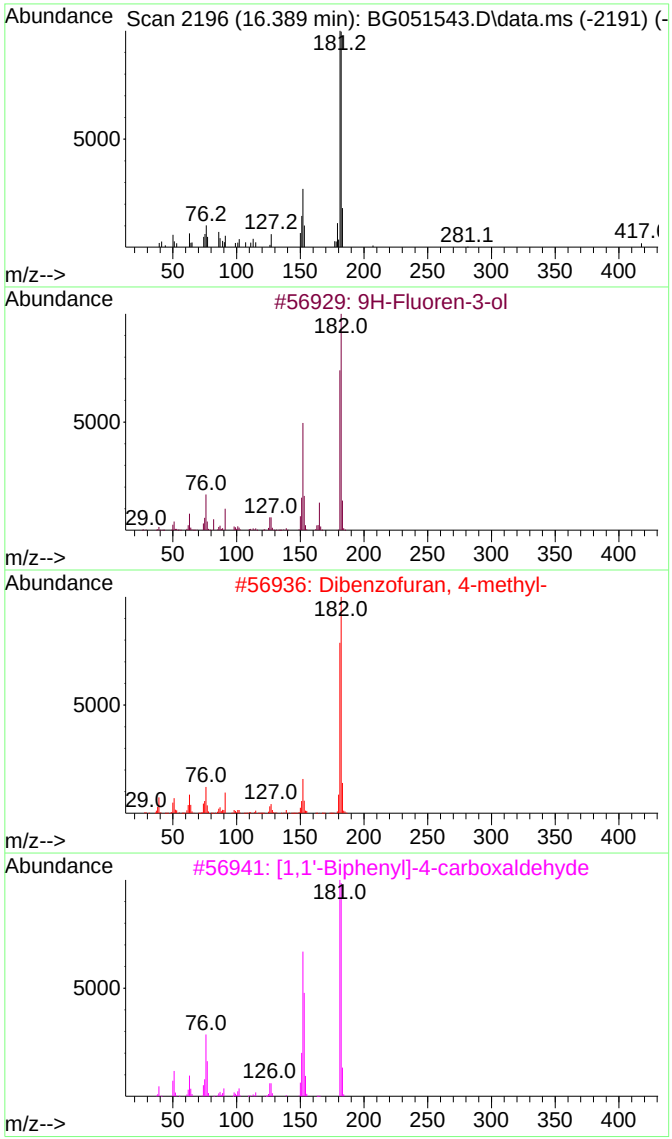
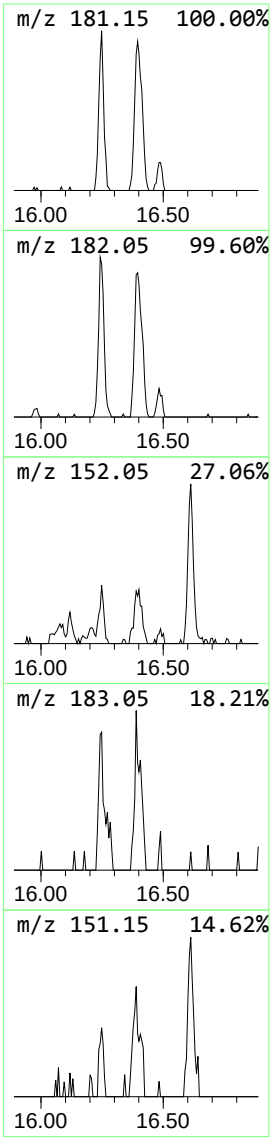
Peak Number 18 9H-Fluoren-3-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.389	2.42 ng/ul	81888	Phenanthrene-d10	17.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	9H-Fluoren-9-ol, acetate	224	C15H12O2	025017-68-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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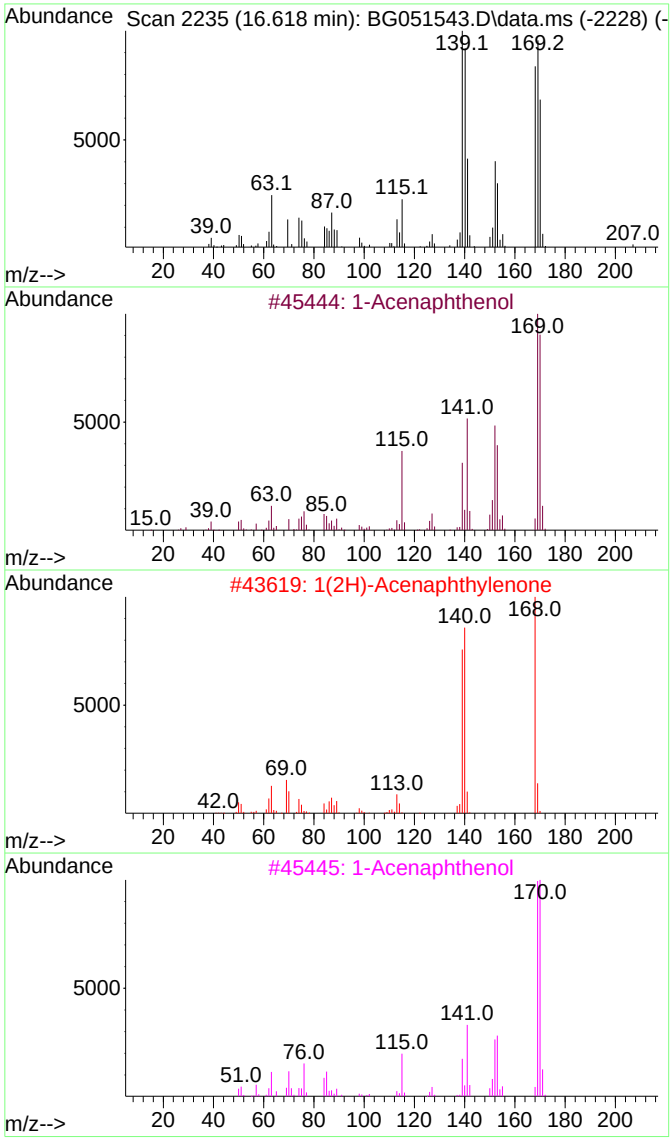
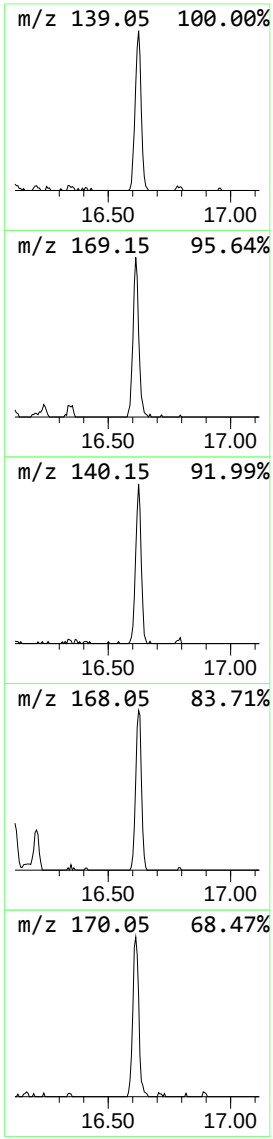
Peak Number 19 1-Acenaphthenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.618	6.17 ng/ul	208609	Phenanthrene-d10	17.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	86
2	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
3	1-Acenaphthenol	170	C12H10O	006306-07-6	42
4	4-(4-Methylphenyl)pyridine	169	C12H11N	004423-10-3	35
5	1H-Inden-1-ol, 4,7-difluoro-2,3-...	170	C9H8F2O	130408-17-2	30





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Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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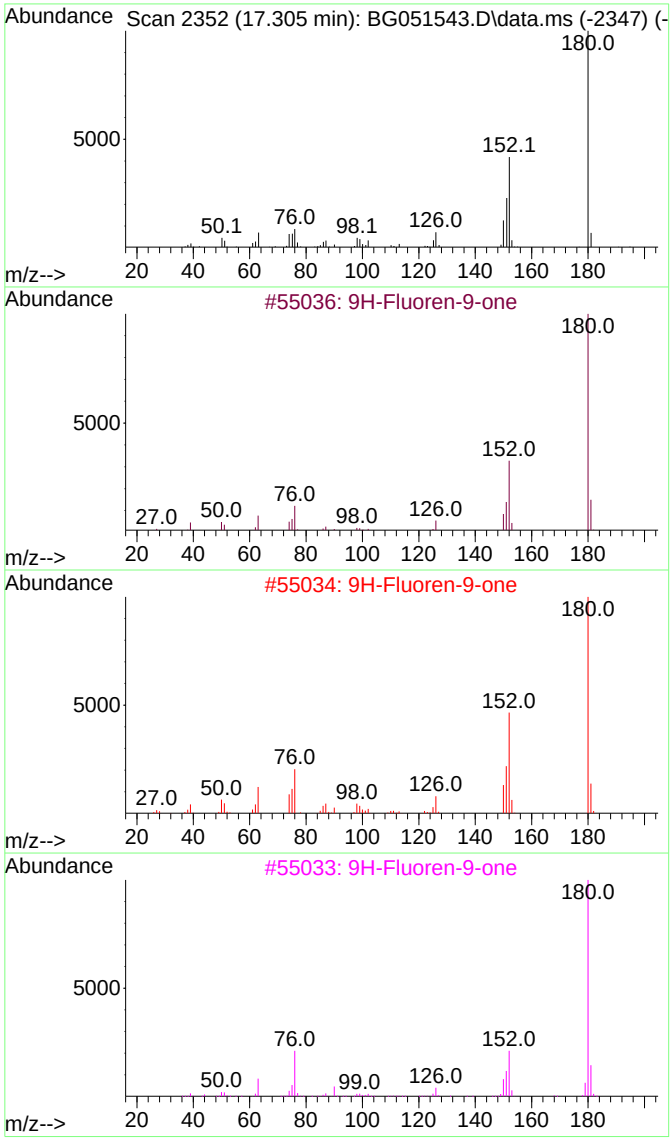
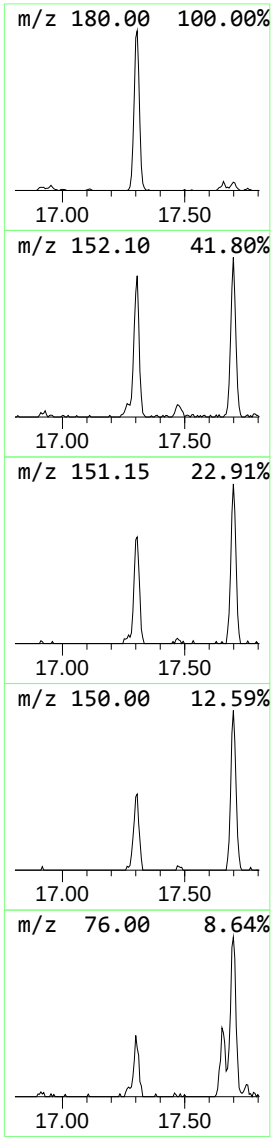
Peak Number 20 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.305	4.96 ng/ul	167461	Phenanthrene-d10	17.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	72
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	68
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

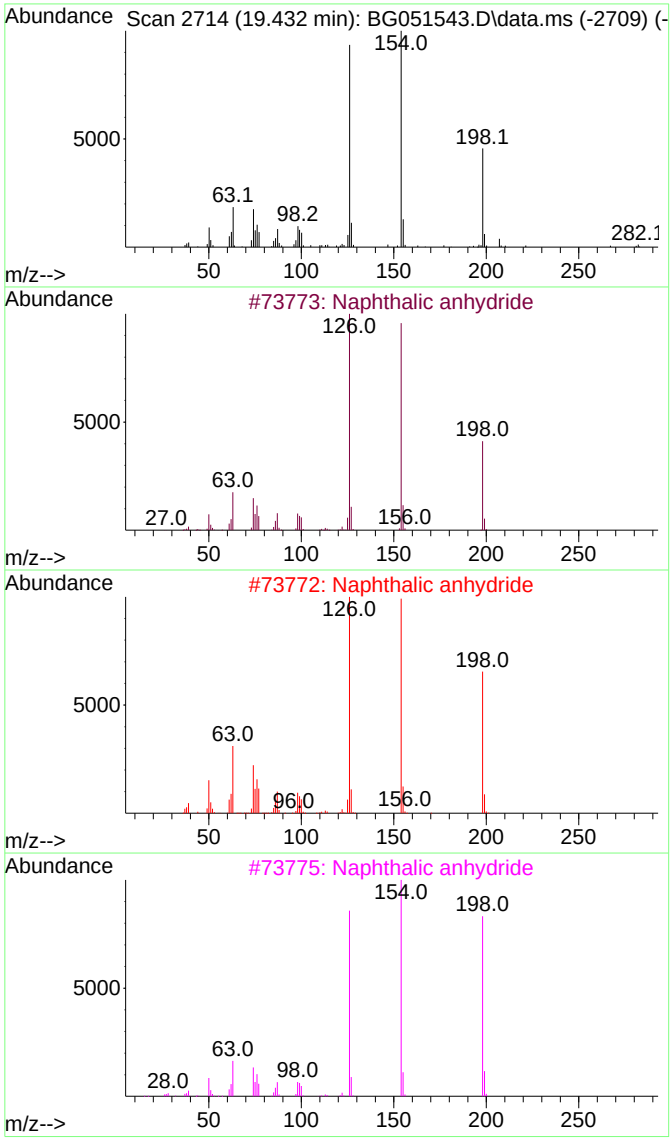
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

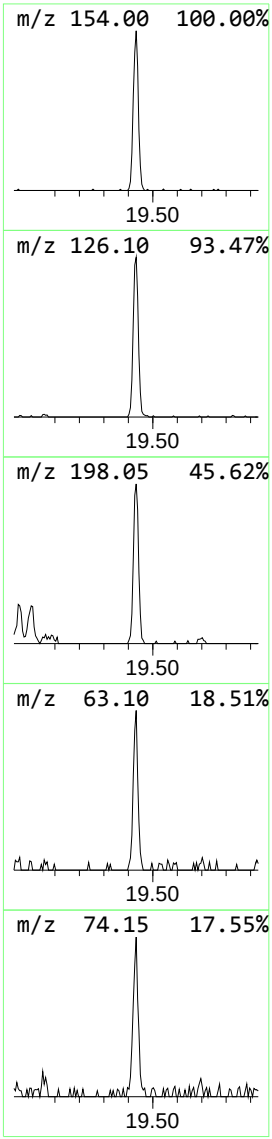
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalic anhydride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.432	4.29 ng/ul	145118	Phenanthrene-d10	17.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	99
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	98
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	97
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	97
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.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
Benzene, 1-ethy...	7.495	2.2	ng/ul	24558	1	8.276	226448	20.0
Benzene, 1-ethy...	7.924	6.2	ng/ul	70305	1	8.276	226448	20.0
Benzene, 1-ethy...	8.400	3.0	ng/ul	33812	1	8.276	226448	20.0
Indane	8.664	20.2	ng/ul	228937	1	8.276	226448	20.0
Indene	8.829	8.9	ng/ul	101218	1	8.276	226448	20.0
Benzofuran, 2-m...	9.651	2.7	ng/ul	30775	1	8.276	226448	20.0
2-Propenal, 3-p...	9.780	6.5	ng/ul	84017	2	11.126	259106	20.0
2,4-Dimethylsty...	10.356	2.0	ng/ul	26222	2	11.126	259106	20.0
unknown-01	10.515	7.1	ng/ul	92294	2	11.126	259106	20.0
unknown-02	10.661	2.1	ng/ul	27245	2	11.126	259106	20.0
Benzo[c]thiophene	11.290	28.1	ng/ul	364046	2	11.126	259106	20.0
Benzo[b]thiophe...	12.653	2.8	ng/ul	36579	2	11.126	259106	20.0
Benzo[b]thiophe...	12.870	5.6	ng/ul	72564	2	11.126	259106	20.0
Naphthalene, 1-...	13.945	3.6	ng/ul	94861	3	14.914	525954	20.0
Naphthalene, 2,...	14.080	3.2	ng/ul	84926	3	14.914	525954	20.0
Naphthalene, 1,...	14.233	5.8	ng/ul	153939	3	14.914	525954	20.0
2-Naphthaleneca...	15.032	6.6	ng/ul	172936	3	14.914	525954	20.0
9H-Fluoren-3-ol	16.389	2.4	ng/ul	81888	4	17.658	675779	20.0
1-Acenaphthenol	16.618	6.2	ng/ul	208609	4	17.658	675779	20.0
9H-Fluoren-9-one	17.305	5.0	ng/ul	167461	4	17.658	675779	20.0
Naphthalic anhy...	19.432	4.3	ng/ul	145118	4	17.658	675779	20.0