LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

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-BG112321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051262.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.312	134	140	146	rBV	17754	27888	1.46%	0.298%
2	5.664	364	370	377	rBV	13740	22558	1.18%	0.241%
3	5.799	388	393	405	rVB	16605	35676	1.86%	0.381%
4	6.181	452	458	464	rVB	11004	18081	0.94%	0.193%
5	7.920	748	754	761	rBV	31634	56460	2.95%	0.603%
6	8.202	795	802	812	rBV	134893	231518	12.08%	2.473%
7	8.572	858	865	874	rBV	75121	127306	6.64%	1.360%
8	8.654	874	879	887	rVB2	11908	21329	1.11%	0.228%
9	8.743	887	894	902	rBV	81407	147302	7.69%	1.573%
10	9.060	943	948	953	rBV	12093	20551	1.07%	0.220%
11	9.383	998	1003	1008	rBV3	10119	17508	0.91%	0.187%
12	9.636	1041	1046	1050	rBV4	11312	20573	1.07%	0.220%
13	9.694	1050	1056	1061	rVV3	12639	28820	1.50%	0.308%
14	10.194	1134	1141	1144	rBV	22896	39358	2.05%	0.420%
15	10.370	1164	1171	1177	rBV	42061	74423	3.88%	0.795%
16	10.435	1177	1182	1188	rVV6	14210	28490	1.49%	0.304%
17	10.505	1188	1194	1200	rVV2	32854	59749	3.12%	0.638%
18	10.658	1216	1220	1227	rVB3	15158	25890	1.35%	0.277%
19	11.028	1275	1283	1287	rBV	188504	368174	19.21%	3.933%
20	11.081	1287	1292	1301	rVV	1028408	1916491	100.00%	20.472%
21	11.169	1301	1307	1308	rVV2	38155	50230	2.62%	0.537%
22	11.199	1308	1312	1320	rVB	76885	152480	7.96%	1.629%
23	11.387	1337	1344	1349	rBV2	12524	20826	1.09%	0.222%
24	11.563	1367	1374	1378	rBV	21673	37120	1.94%	0.397%
25	11.616	1378	1383	1385	rBV3	11813	17951	0.94%	0.192%
26	11.851	1417	1423	1429	rBV	39412	68261	3.56%	0.729%
27	12.039	1449	1455	1459	rBV2	15137	25587	1.34%	0.273%
28	12.092	1459	1464	1469	rVV2	20492	39268	2.05%	0.419%
29	12.133	1469	1471	1479	rVV3	11158	21770	1.14%	0.233%
30	12.409	1513	1518	1524	rVB3	17618	28797	1.50%	0.308%
31	12.568	1541	1545	1548	rVV2	10406	19298	1.01%	0.206%
32	12.673	1556	1563	1566	rVV3	15152	29155	1.52%	0.311%
33	12.709	1566	1569	1576	rVV2	12343	27317	1.43%	0.292%
34	12.791	1576	1583	1590	rVV3	44400	90914	4.74%	0.971%
35	12.891	1590	1600	1607	rVV3	41665	83964	4.38%	0.897%
36	12.985	1610	1616	1619	rBV2	12399	19379	1.01%	0.207%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

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-BG112321.M
Title : SVOA CALIBRATION

37	13.026	1619	1623	1626	rVV2	10310	18714	0.98%	0.200%
38	13.061	1626	1629	1638	rVV3	12258	28872	1.51%	0.308%
39	13.173	1643	1648	1655	rVV7	10021	24582	1.28%	0.263%
40	13.249	1655	1661	1668	rVV5	14900	34469	1.80%	0.368%
41	13.349	1674	1678	1686	rVV2	12019	23342	1.22%	0.249%
42	13.578	1709	1717	1720	rBV5	12083	20645	1.08%	0.221%
43	13.625	1720	1725	1734	rVV7	19292	60177	3.14%	0.643%
44	13.690	1734	1736	1742	rVB3	13235	17535	0.91%	0.187%
45	13.972	1778	1784	1790	rBV6	18504	42893	2.24%	0.458%
46	14.019	1790	1792	1798	rVB3	15481	23010	1.20%	0.246%
47	14.101	1800	1806	1810	rBV2	15463	25482	1.33%	0.272%
48	14.160	1810	1816	1823	rVB10	20562	42766	2.23%	0.457%
49	14.224	1823	1827	1834	rVB	23338	37259	1.94%	0.398%
50	14.324	1839	1844	1849	rVB2	15586	23332	1.22%	0.249%
51	14.383	1849	1854	1858	rBV4	13929	22576	1.18%	0.241%
52	14.536	1872	1880	1890	rVB3	35381	87064	4.54%	0.930%
53	14.835	1923	1931	1937	rBV	318953	508984	26.56%	5.437%
54	14.900	1937	1942	1947	rVB	181287	276652	14.44%	2.955%
55	14.971	1950	1954	1959	rVB	16380	24419	1.27%	0.261%
56	15.029	1959	1964	1970	rVB	26334	42621	2.22%	0.455%
57	15.100	1970	1976	1980	rBV2	24987	44355	2.31%	0.474%
58	15.229	1989	1998	2006	rVV	93981	157371	8.21%	1.681%
59	15.693	2072	2077	2086	rVB	14764	28496	1.49%	0.304%
60	15.823	2094	2099	2104	rBV	27784	40842	2.13%	0.436%
61	15.881	2104	2109	2117	rVB2	116955	181687	9.48%	1.941%
62	16.022	2125	2133	2140	rVV2	42385	113223	5.91%	1.209%
63	16.105	2140	2147	2155	rVV7	25547	82627	4.31%	0.883%
64	16.175	2155	2159	2164	rVB5	13540	18498	0.97%	0.198%
65	16.263	2169	2174	2178	rBV3	22865	42590	2.22%	0.455%
66	16.310	2178	2182	2191	rVB6	25022	54891	2.86%	0.586%
67	16.557	2215	2224	2230	rVB4	27349	61135	3.19%	0.653%
68	16.757	2251	2258	2262	rBV2	28870	57529	3.00%	0.615%
69	16.798	2262	2265	2268	rVV	20974	29846	1.56%	0.319%
70	16.839	2268	2272	2276	rVB	32066	47585	2.48%	0.508%
71	16.933	2283	2288	2295	rVB3	14059	27885	1.46%	0.298%
72	17.086	2303	2314	2322	rBV3	16315	52166	2.72%	0.557%
73	17.309	2344	2352	2358	rBV6	7223	21416	1.12%	0.229%
74	17.368	2358	2362	2364	rBV	15860	23562	1.23%	0.252%
75	17.403	2364	2368	2375	rVB	45522	73242	3.82%	0.782%
76	17.585	2393	2399	2404	rBV	342427	537306	28.04%	5.739%

LSC Area Percent Report

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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

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-BG112321.M
Title : SVOA CALIBRATION

77	17.626	2404	2406	2411	rVB2	43352	55391	2.89%	0.592%
78	17.685	2411	2416	2420	rBV2	37770	64235	3.35%	0.686%
79	17.785	2429	2433	2449	rVB10	15285	47239	2.46%	0.505%
80	17.920	2452	2456	2459	rBV2	15990	24222	1.26%	0.259%
81	17.991	2463	2468	2478	rVB	142247	237253	12.38%	2.534%
82	18.090	2479	2485	2491	rBV3	19805	39427	2.06%	0.421%
83	18.149	2491	2495	2502	rVB	27393	48227	2.52%	0.515%
84	18.231	2502	2509	2515	rBV6	13903	34763	1.81%	0.371%
85	18.343	2523	2528	2535	rBV7	12152	27812	1.45%	0.297%
86	18.425	2536	2542	2552	rBV3	28769	58097	3.03%	0.621%
87	18.508	2552	2556	2559	rBV2	27636	47444	2.48%	0.507%
88	18.584	2564	2569	2575	rVV	37261	58636	3.06%	0.626%
89	18.655	2577	2581	2585	rVB3	13169	20426	1.07%	0.218%
90	18.737	2590	2595	2603	rBV6	14150	36775	1.92%	0.393%
91	18.895	2619	2622	2628	rVB3	12166	18276	0.95%	0.195%
92	19.630	2741	2747	2753	rVV	23627	38348	2.00%	0.410%
93	19.706	2756	2760	2770	rVB	9106	26358	1.38%	0.282%
94	19.965	2799	2804	2807	rBV	38530	60977	3.18%	0.651%
95	20.317	2858	2864	2869	rBV9	11803	23968	1.25%	0.256%
96	20.370	2869	2873	2878	rBV2	11371	23464	1.22%	0.251%
97	20.435	2879	2884	2894	rVV	87472	149773	7.81%	1.600%
98	21.093	2991	2996	3004	rBV	57747	98327	5.13%	1.050%
99	21.886	3124	3131	3139	rBV	291806	516599	26.96%	5.518%
100	25.300	3703	3712	3722	rVB2	163082	503468	26.27%	5.378%

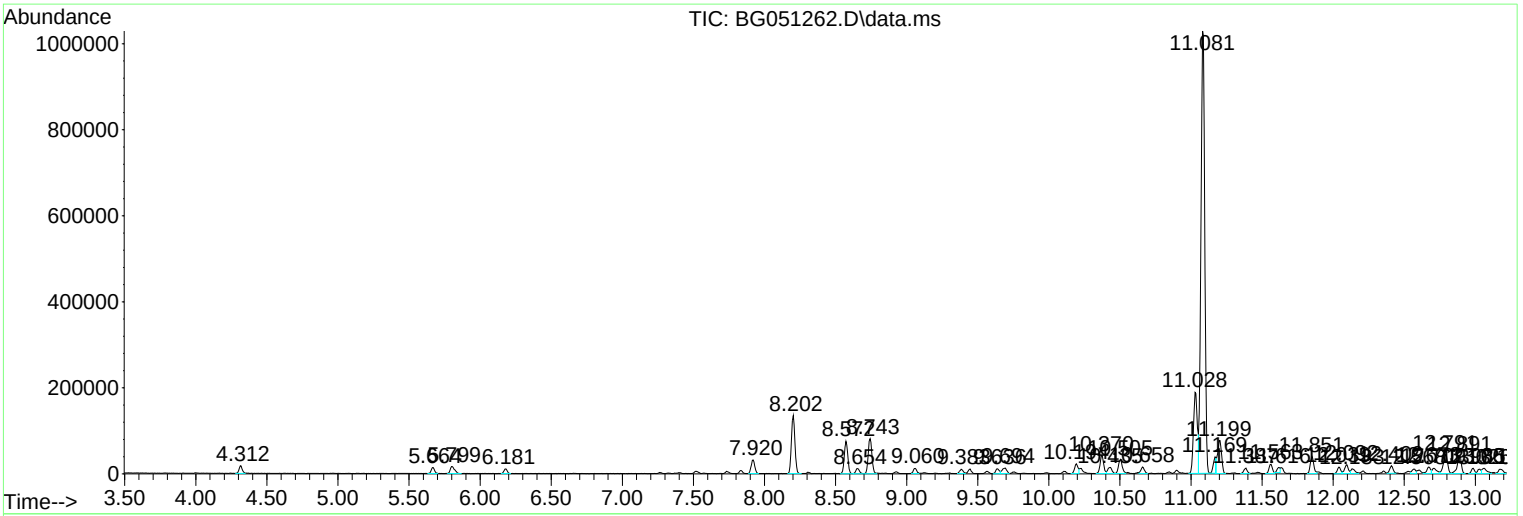
Sum of corrected areas: 9361613

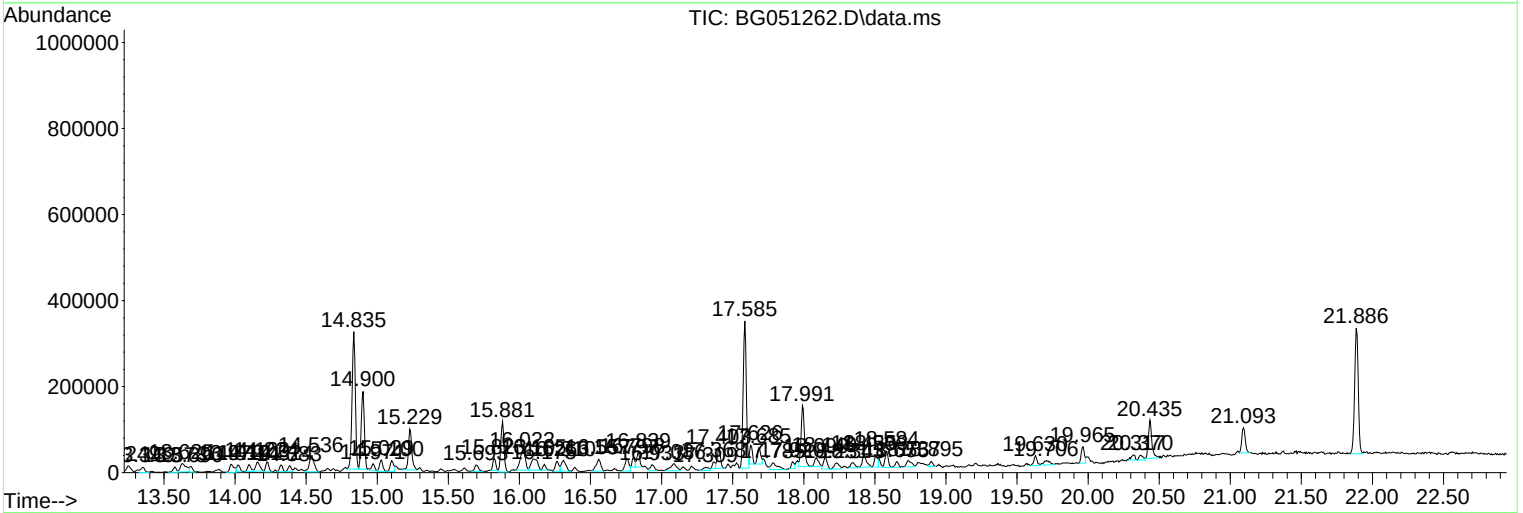
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

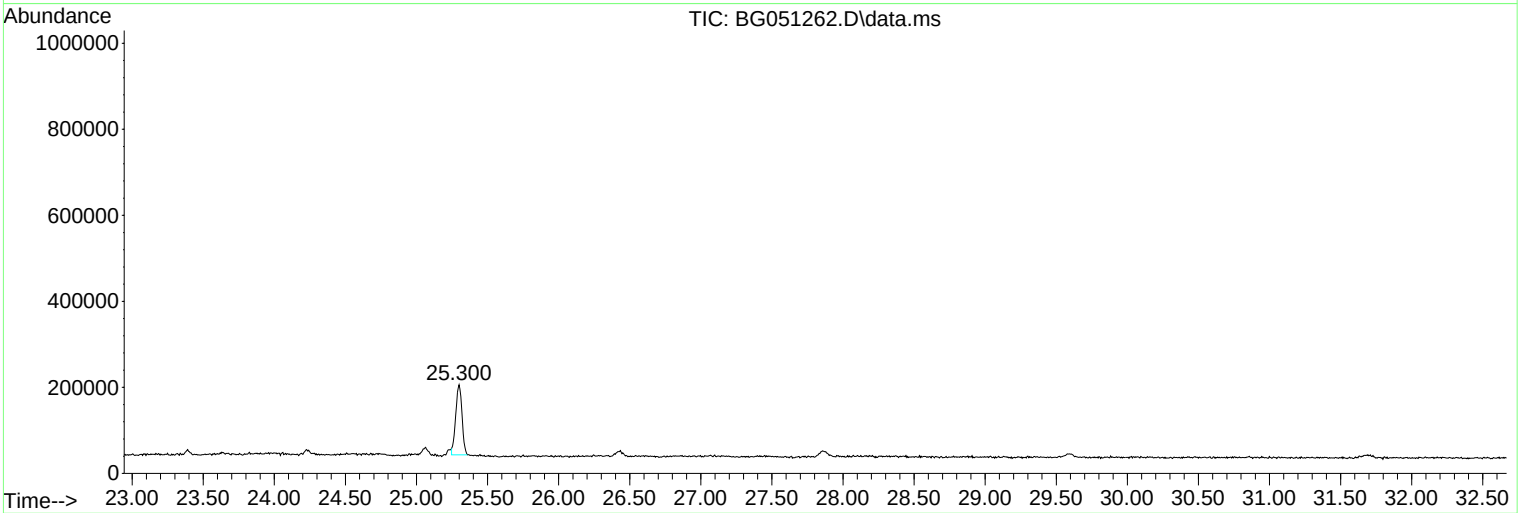
Instrument :
BNA_G
ClientSampleId :
F4L19DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

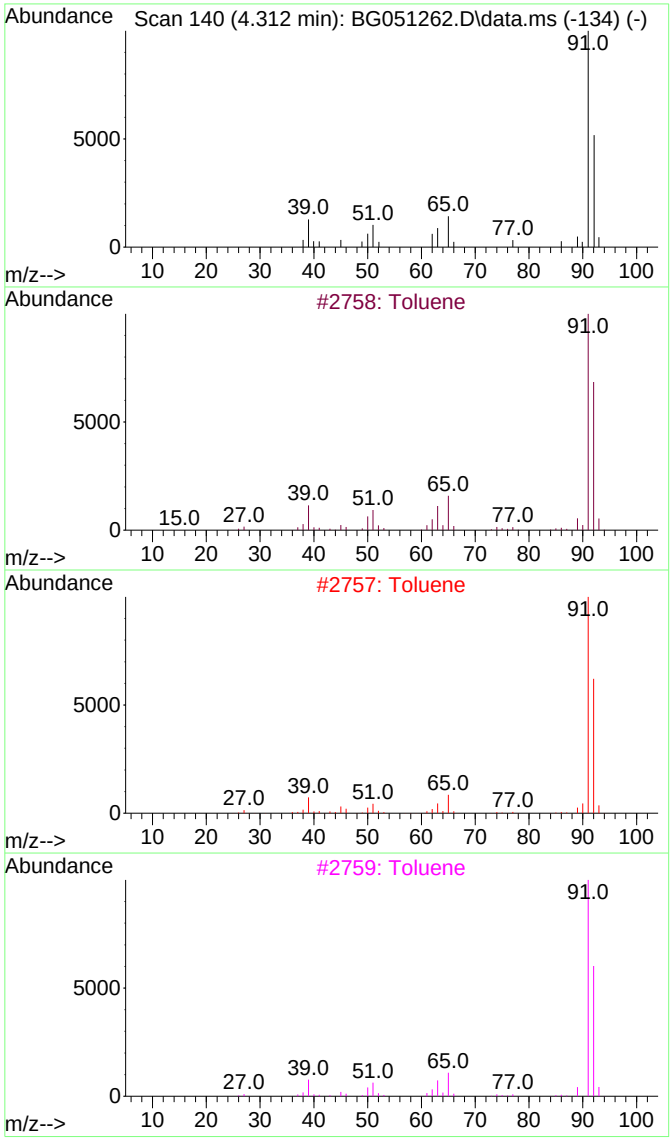
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

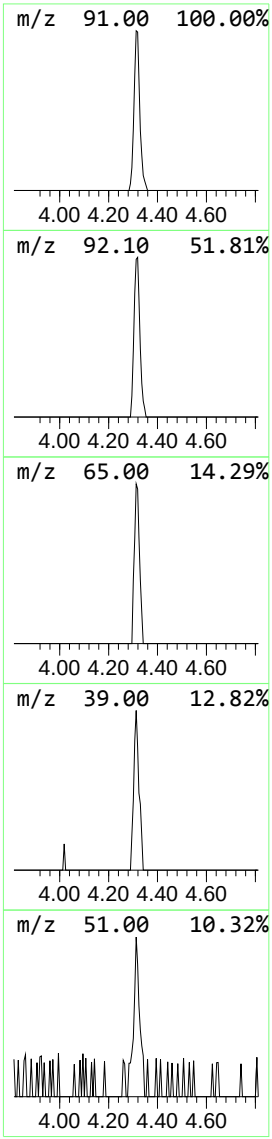
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Toluene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.312	2.41 ng/ul	27888	1,4-Dichlorobenzene-d4	8.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Toluene	92	C7H8	000108-88-3	86
3	Toluene	92	C7H8	000108-88-3	86
4	2,5-Norbornadiene	92	C7H8	000121-46-0	80
5	Toluene	92	C7H8	000108-88-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

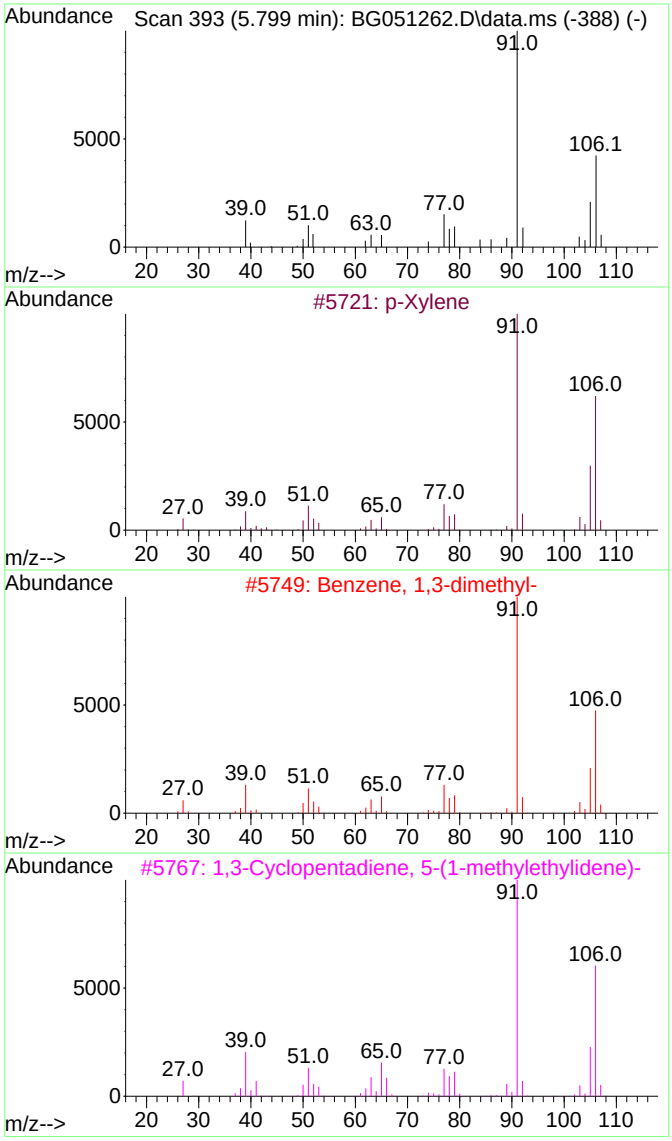
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

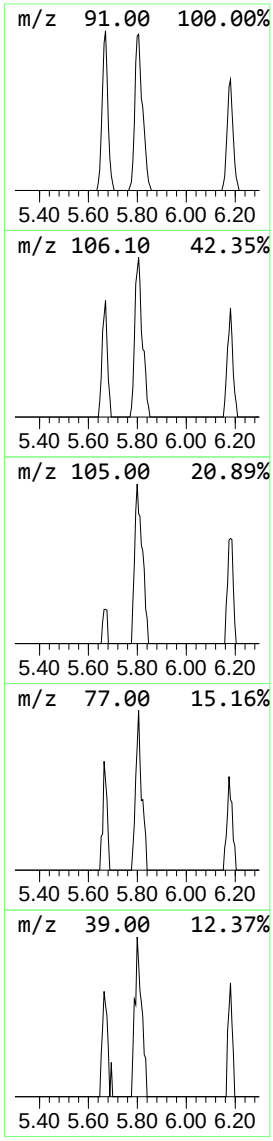
****

Peak Number 2 p-Xylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.799	3.08 ng/ul	35676	1,4-Dichlorobenzene-d4	8.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	93
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	93
4	p-Xylene	106	C8H10	000106-42-3	90
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

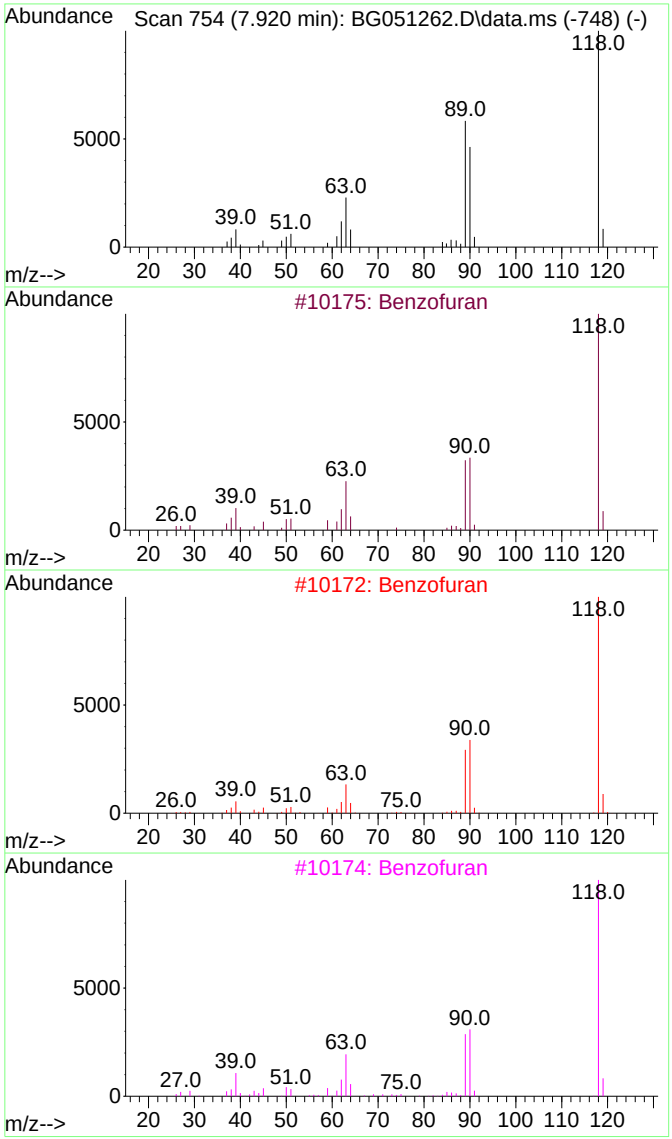
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

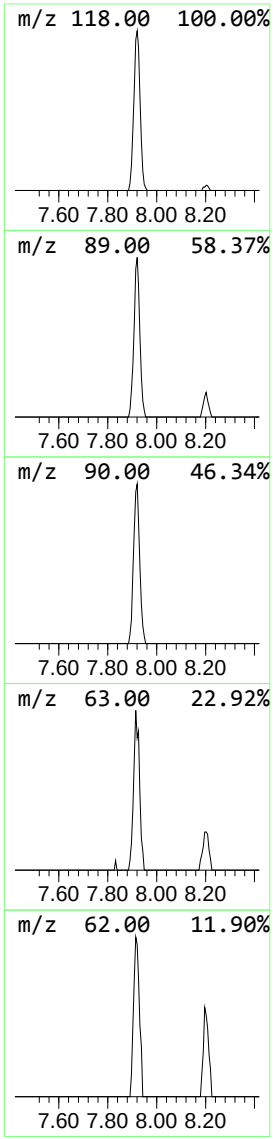
****

Peak Number 3 Benzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.920	4.88 ng/ul	56460	1,4-Dichlorobenzene-d4	8.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	80
5	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

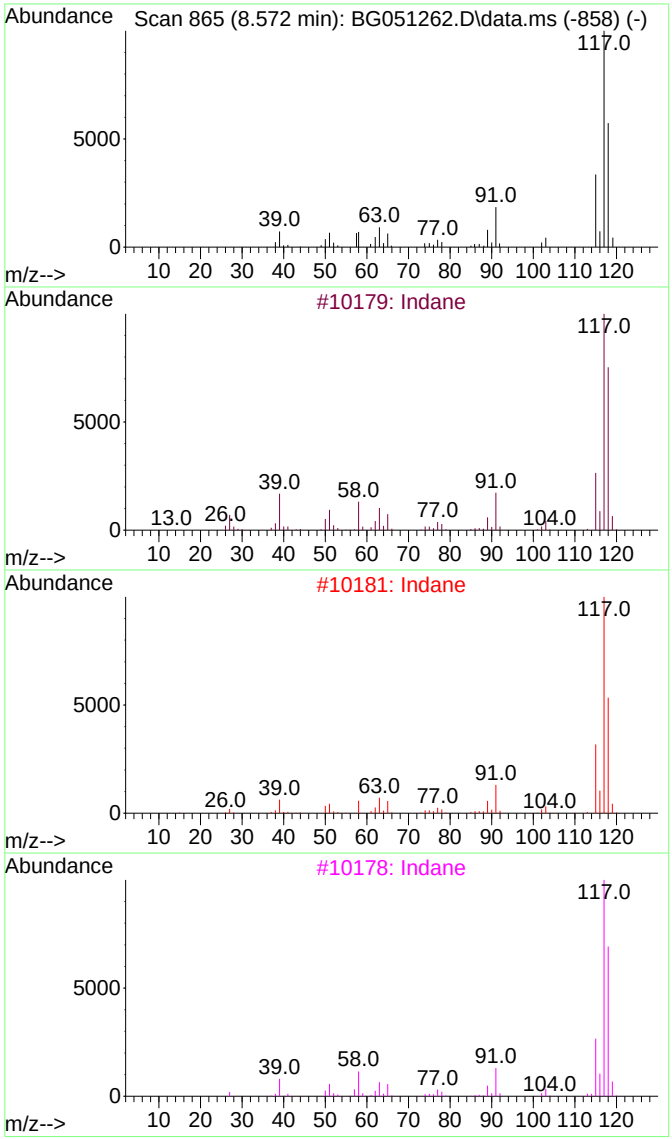
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

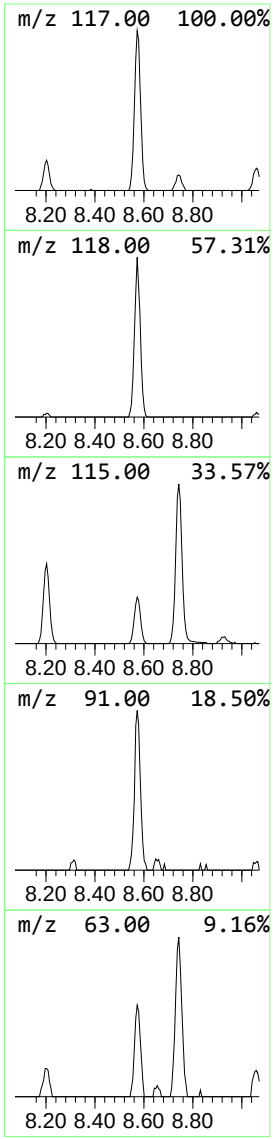
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.572	11.00 ng/ul	127306	1,4-Dichlorobenzene-d4	8.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

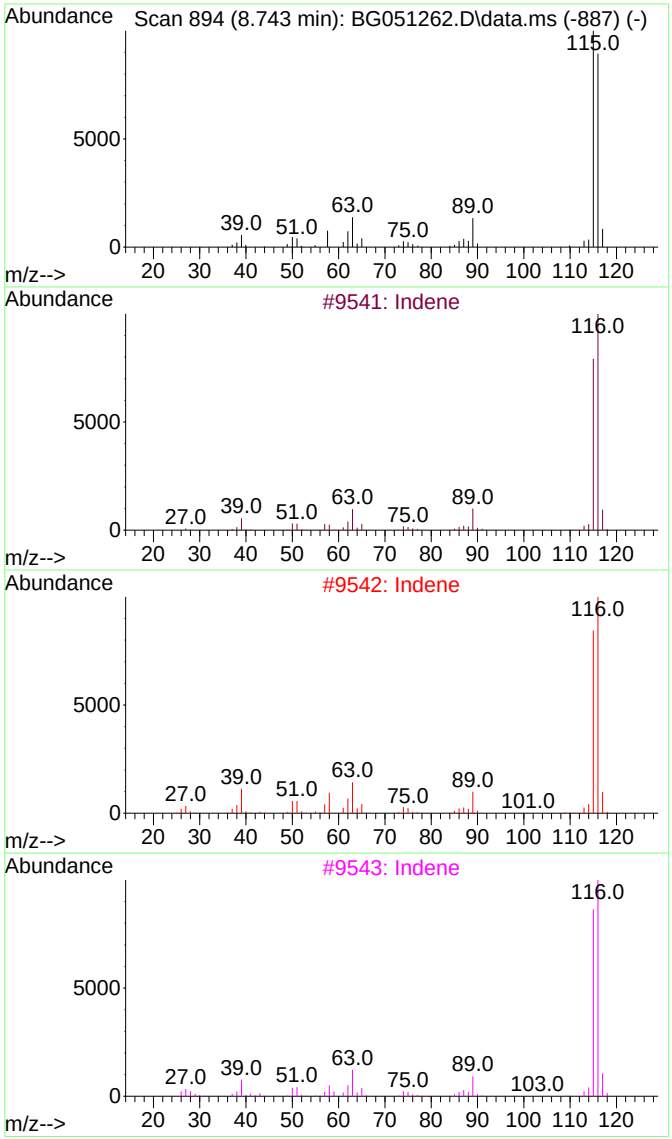
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

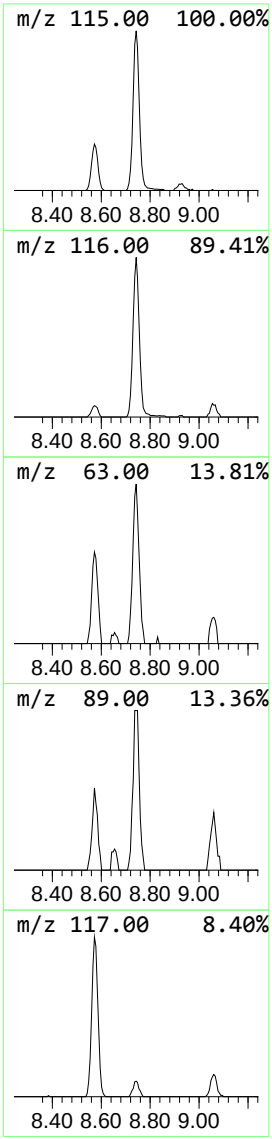
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.743	12.72 ng/ul	147302	1,4-Dichlorobenzene-d4	8.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	95
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	94





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

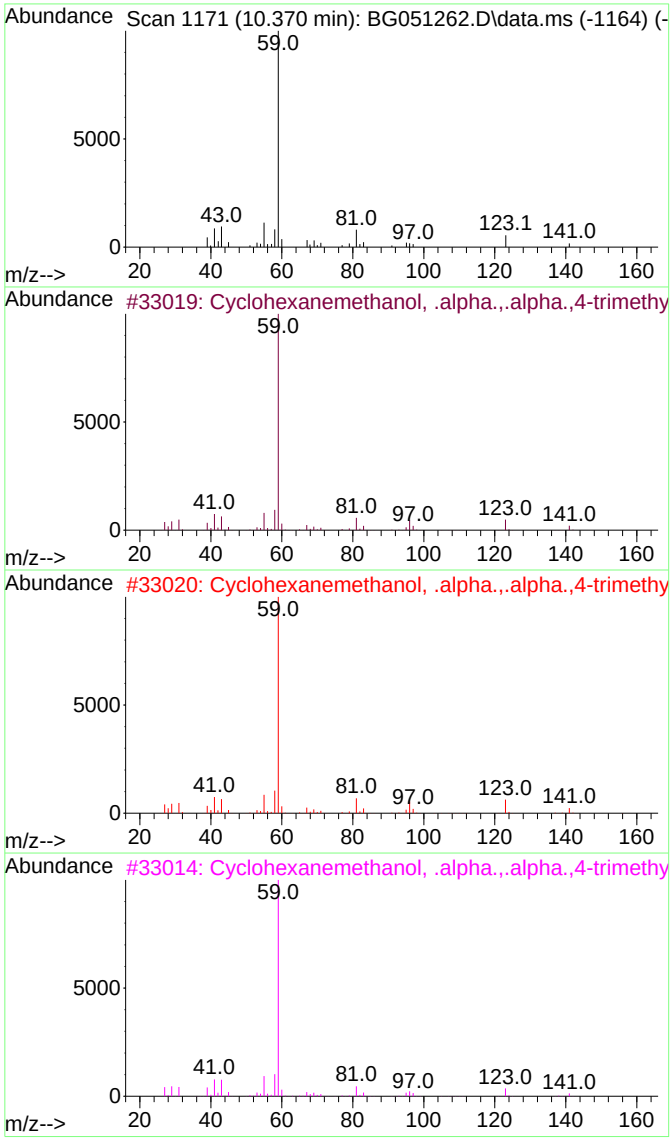
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

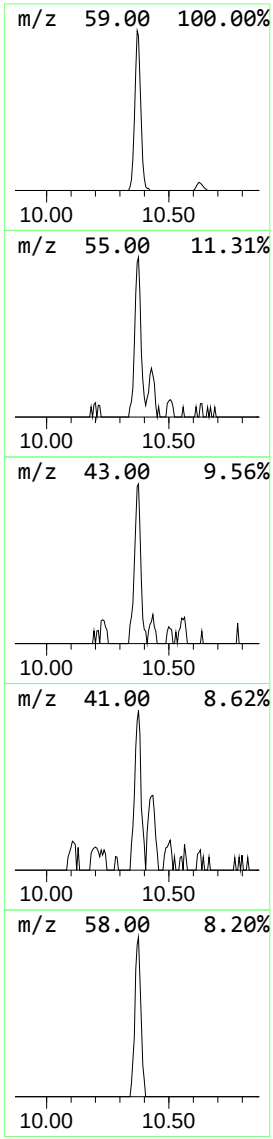
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexanemethanol, .alpha... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.370	4.04 ng/ul	74423	Naphthalene-d8	11.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	74
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	74
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	64
4	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	64
5	o-Menthan-8-ol	156	C10H20O	343855-44-7	56





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Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

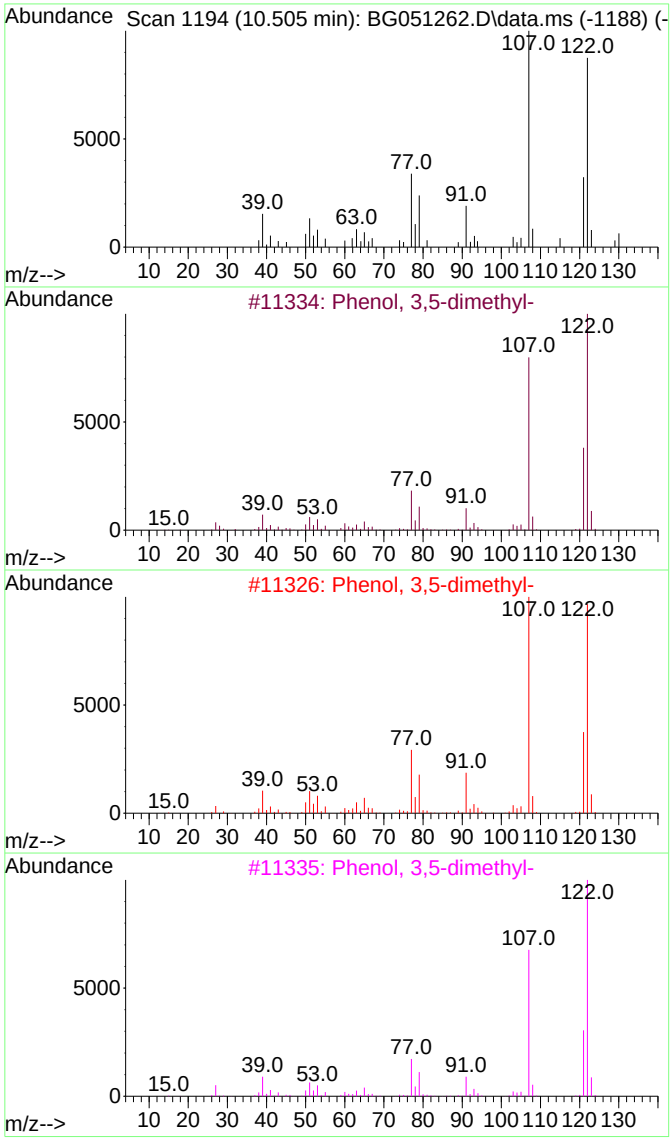
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

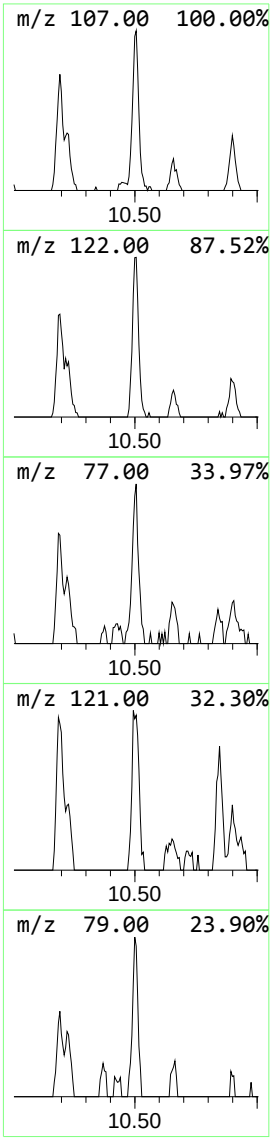
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.505	3.25 ng/ul	59749	Naphthalene-d8	11.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

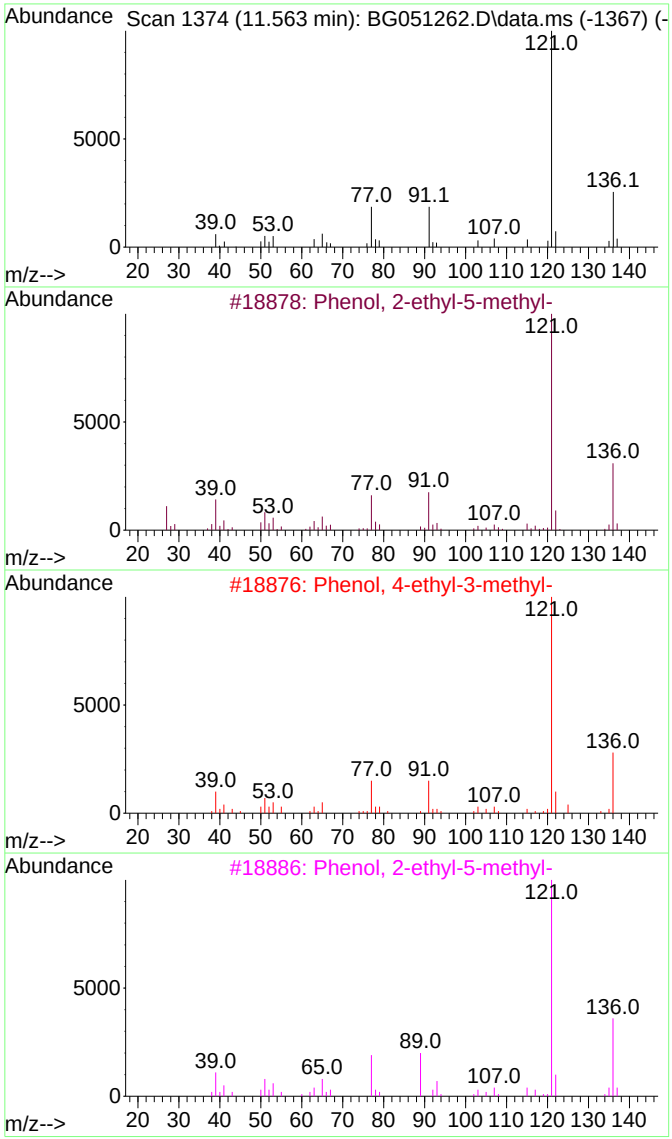
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

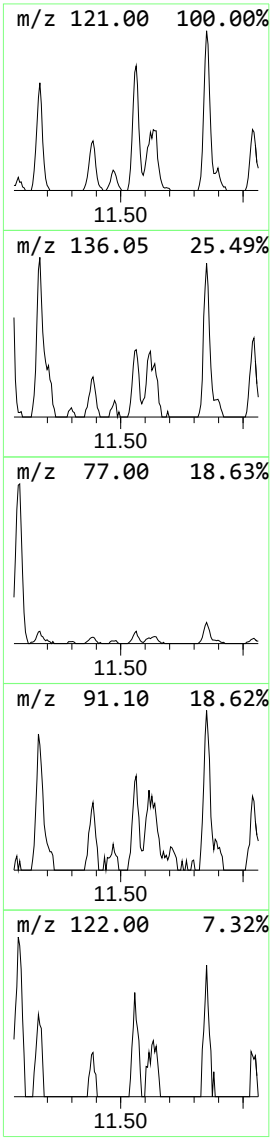
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 2-ethyl-5-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.563	2.02 ng/ul	37120	Naphthalene-d8	11.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

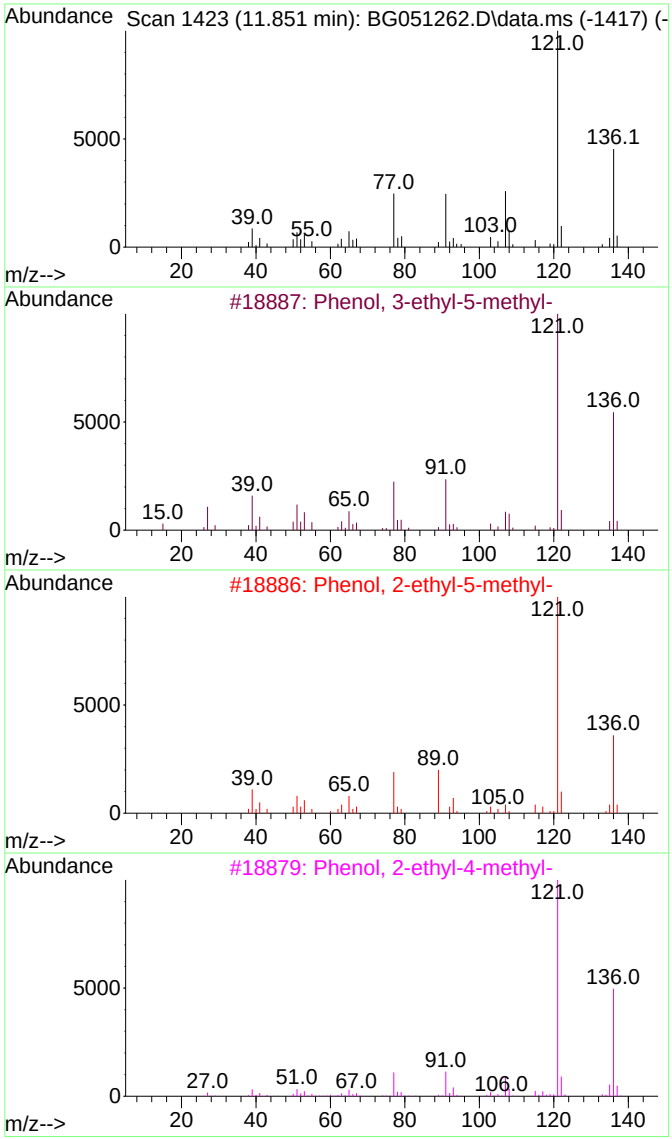
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

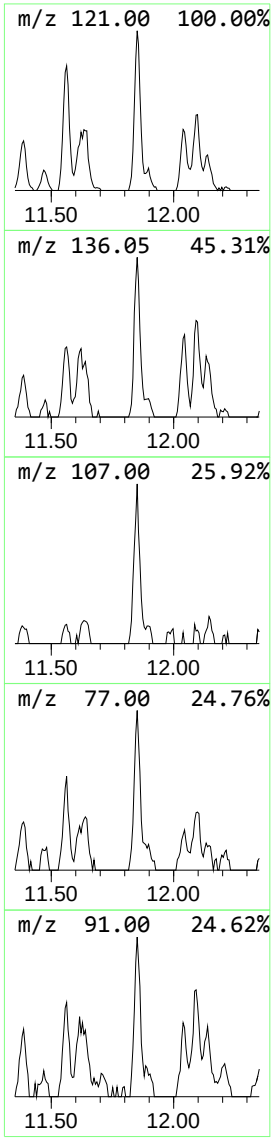
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 3-ethyl-5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.71 ng/ul	68261	Naphthalene-d8	11.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87





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Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

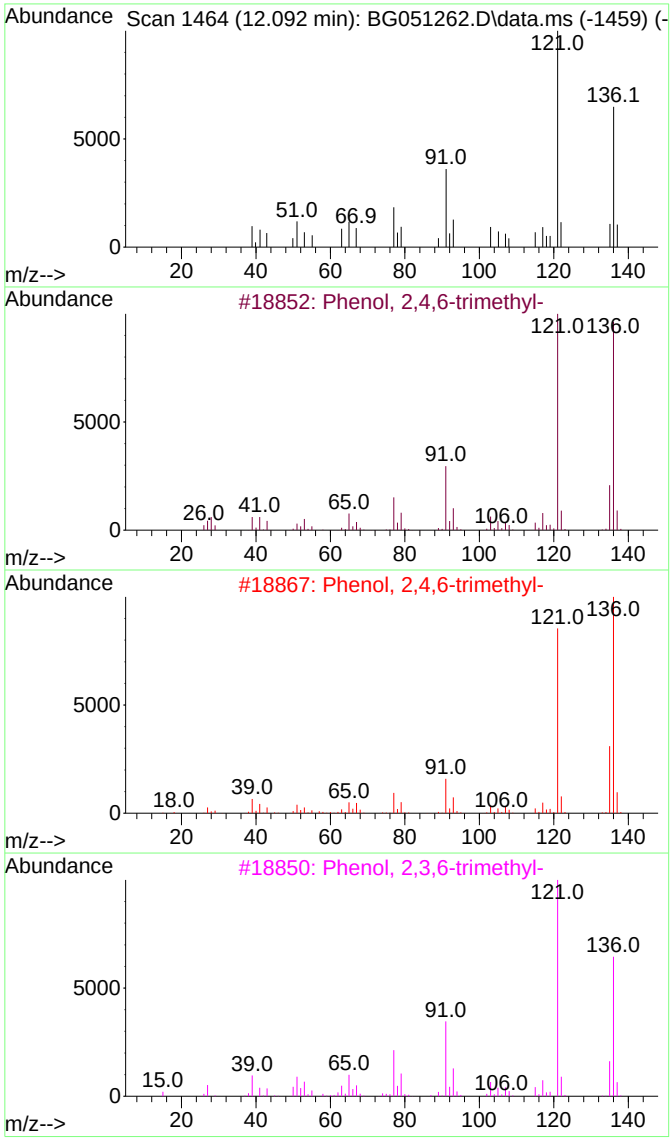
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

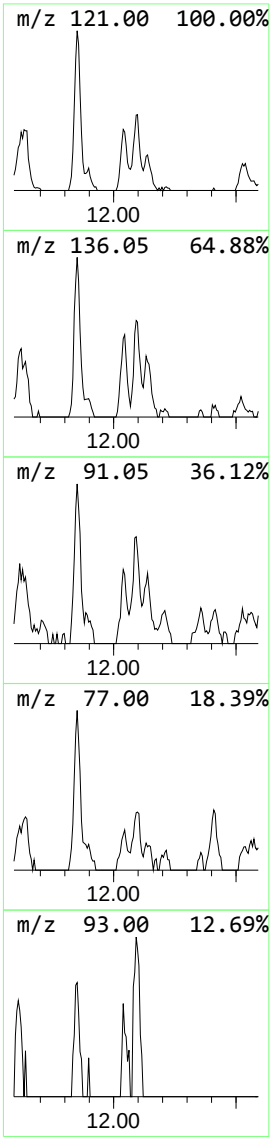
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 2,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	2.13 ng/ul	39268	Naphthalene-d8	11.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	91
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

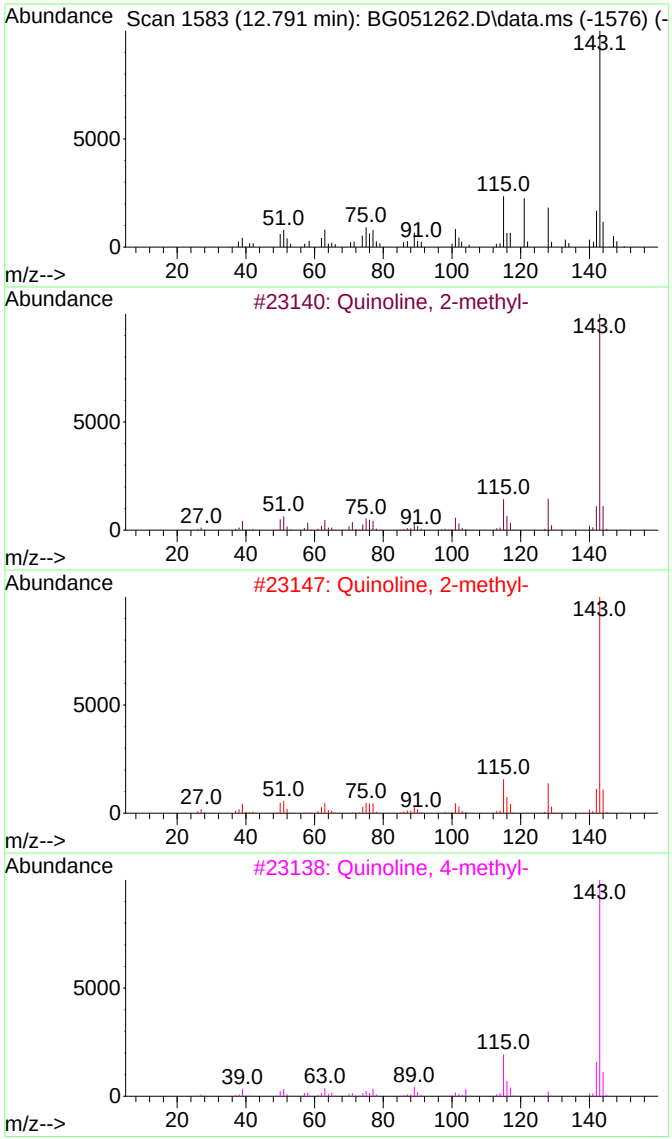
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

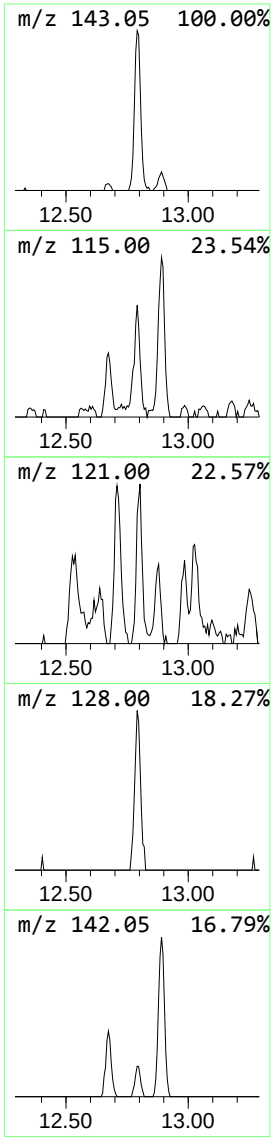
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Quinoline, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.791	4.94 ng/ul	90914	Naphthalene-d8	11.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	93
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	93
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	81
4	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	81
5	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	81





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

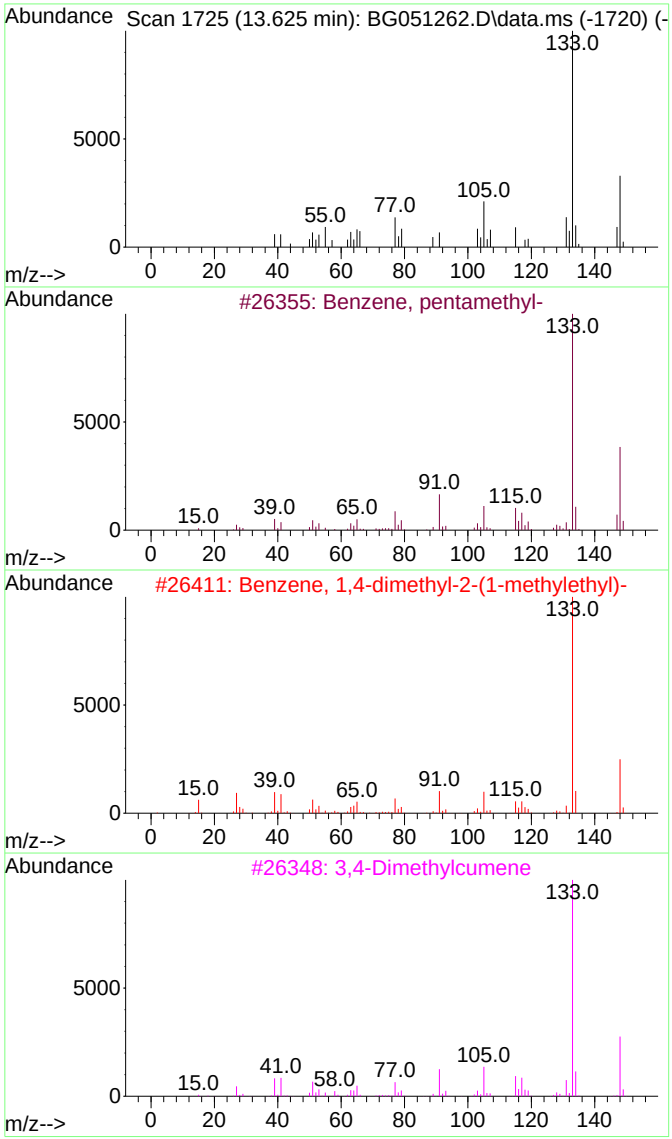
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

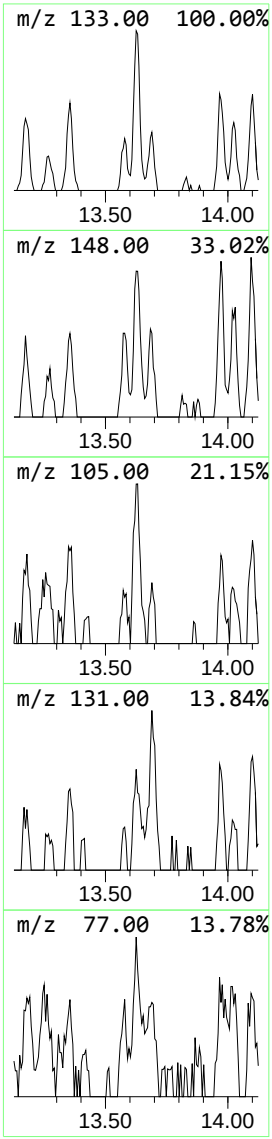
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, pentamethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.625	2.36 ng/ul	60177	Acenaphthene-d10	14.836

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	80
2	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	72
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	72
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	68
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	64





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Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

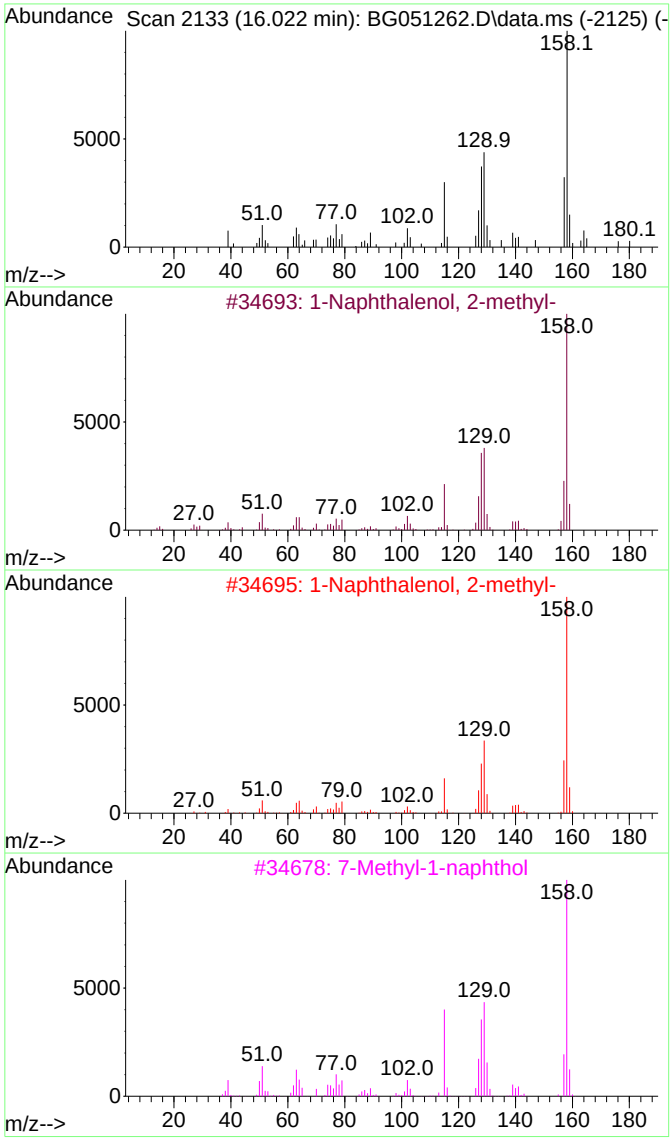
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

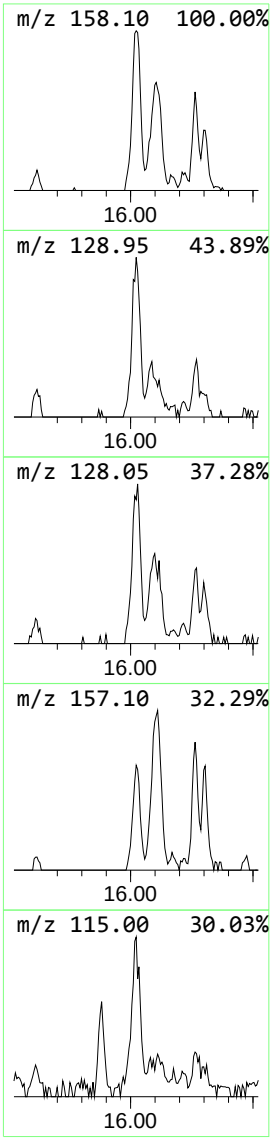
****

Peak Number 13 1-Naphthalenol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.022	4.45 ng/ul	113223	Acenaphthene-d10	14.836

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	96
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	90
3	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	90
4	1-Methyl-2-naphthol	158	C11H10O	001076-26-2	87
5	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	64





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

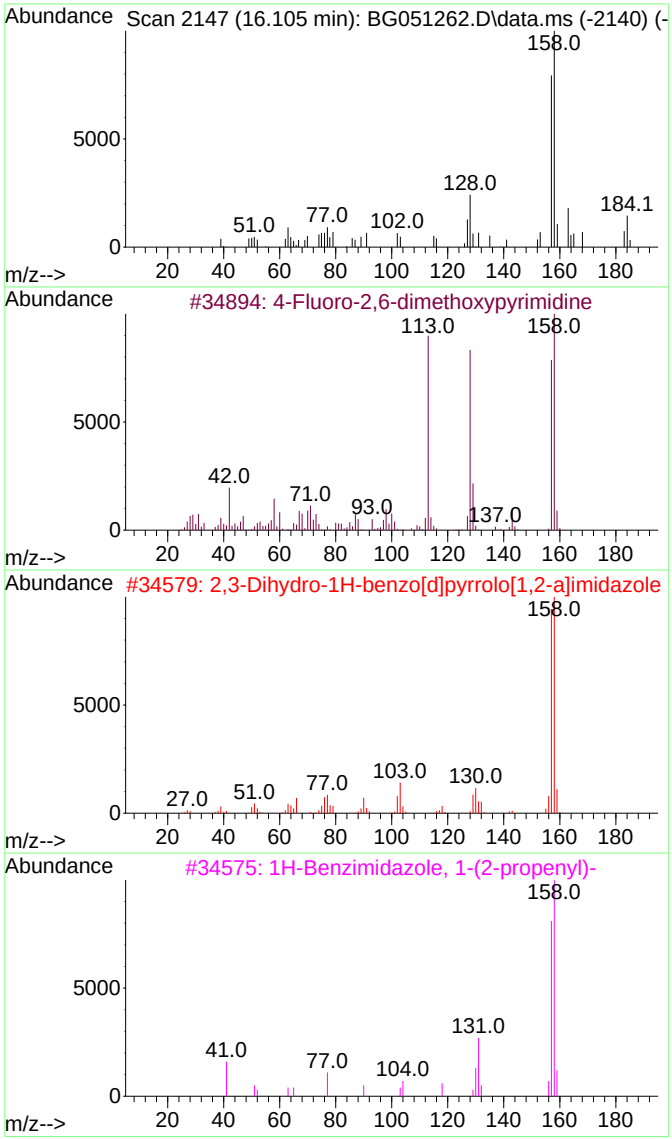
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

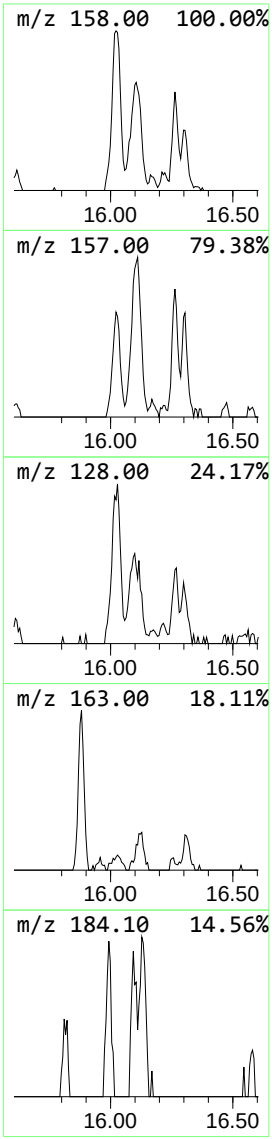
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4-Fluoro-2,6-dimethoxypyrim... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.105	3.25 ng/ul	82627	Acenaphthene-d10	14.836

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-2,6-dimethoxypyrimidine	158	C6H7FN2O2	000658-87-7	64
2	2,3-Dihydro-1H-benzo[d]pyrrolo[1...	158	C10H10N2	1000443-06-8	58
3	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	53
4	7-Methylnaphthalen-2-ol	158	C11H10O	026593-50-0	50
5	1H-Pyrazole, 5-methyl-1-phenyl-	158	C10H10N2	006831-91-0	50





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Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

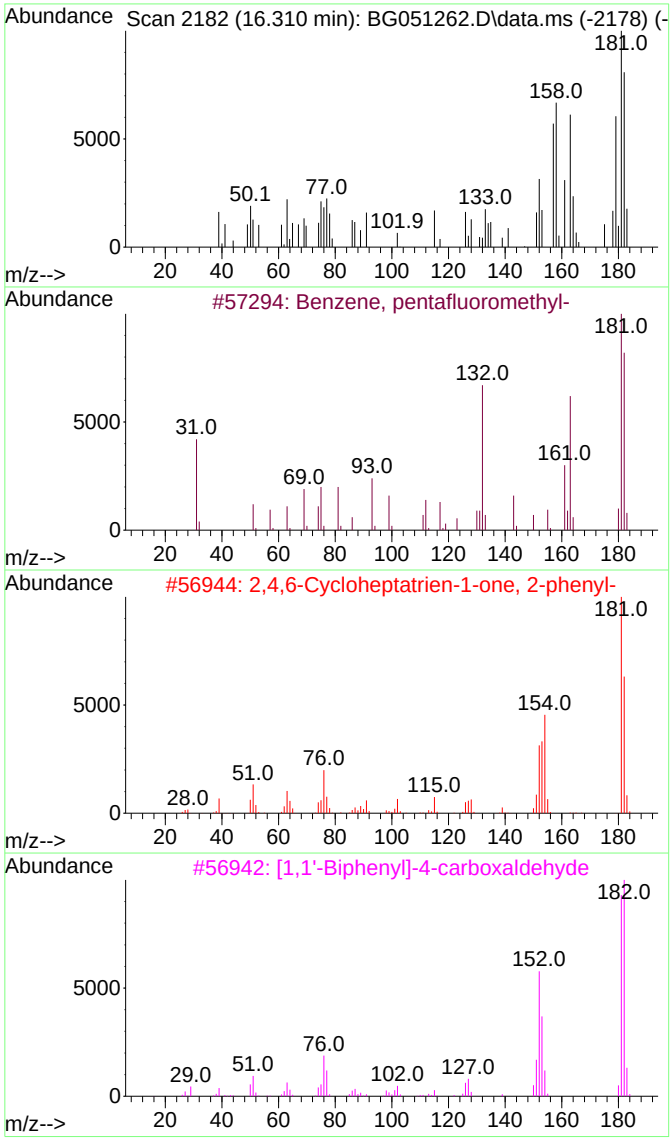
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

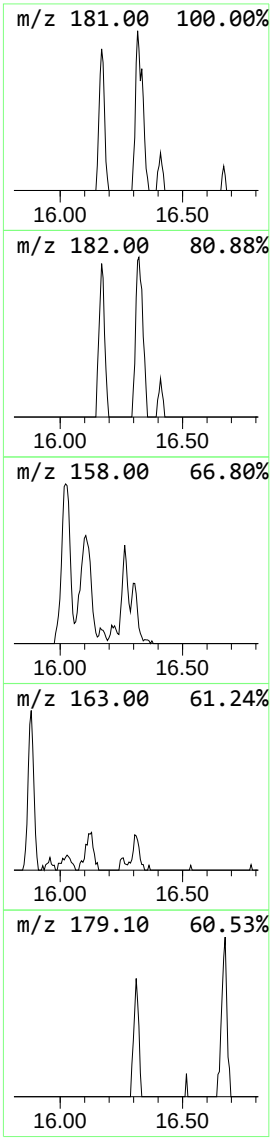
****

Peak Number 15 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	2.04 ng/ul	54891	Phenanthrene-d10	17.585

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentafluoromethyl-	182	C7H3F5	000771-56-2	46
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	41
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	38
4	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	38
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	38





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

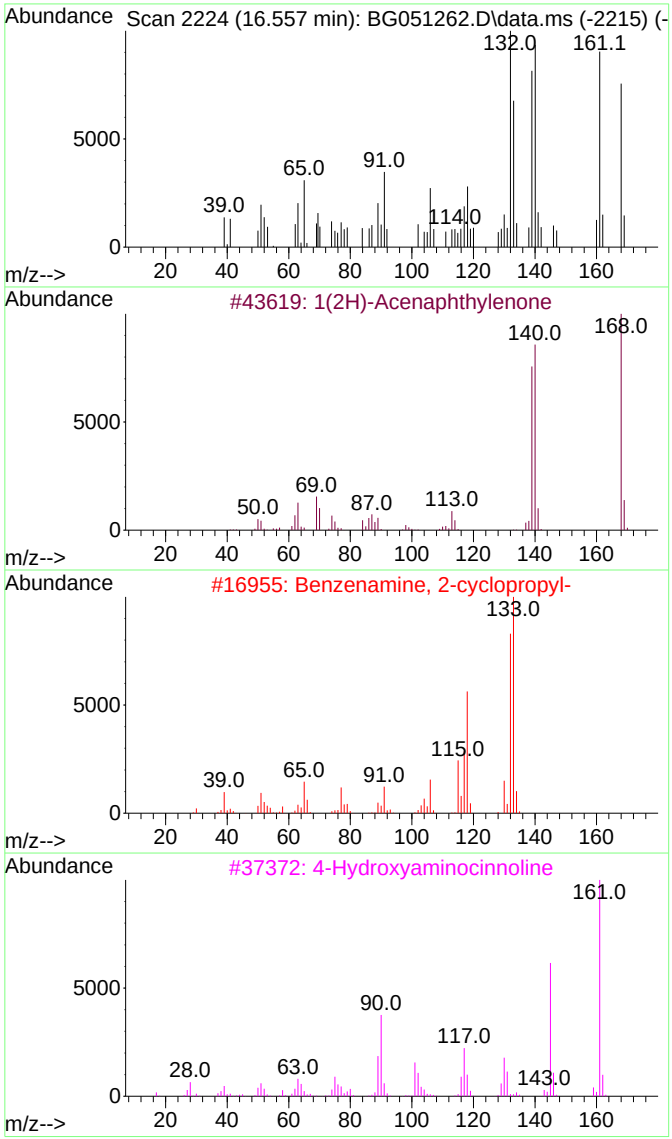
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

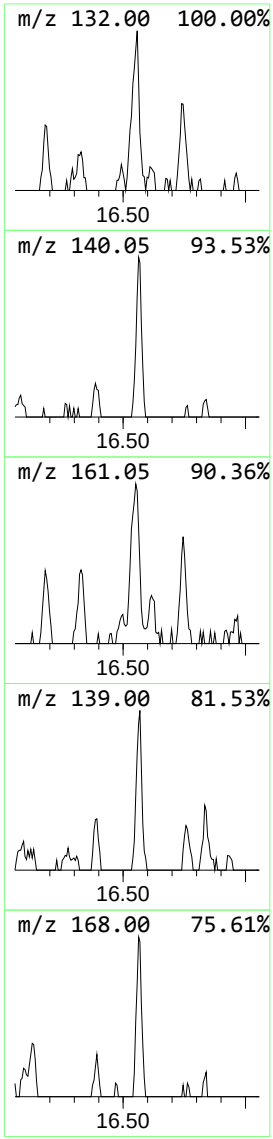
****

Peak Number 16 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.557	2.28 ng/ul	61135	Phenanthrene-d10	17.585

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	46
2	Benzenamine, 2-cyclopropyl-	133	C9H11N	1000327-33-3	25
3	4-Hydroxyaminocinnoline	161	C8H7N3O	018592-12-6	25
4	Isoquinoline, 5,6,7,8-tetrahydro-	133	C9H11N	036556-06-6	25
5	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	25





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

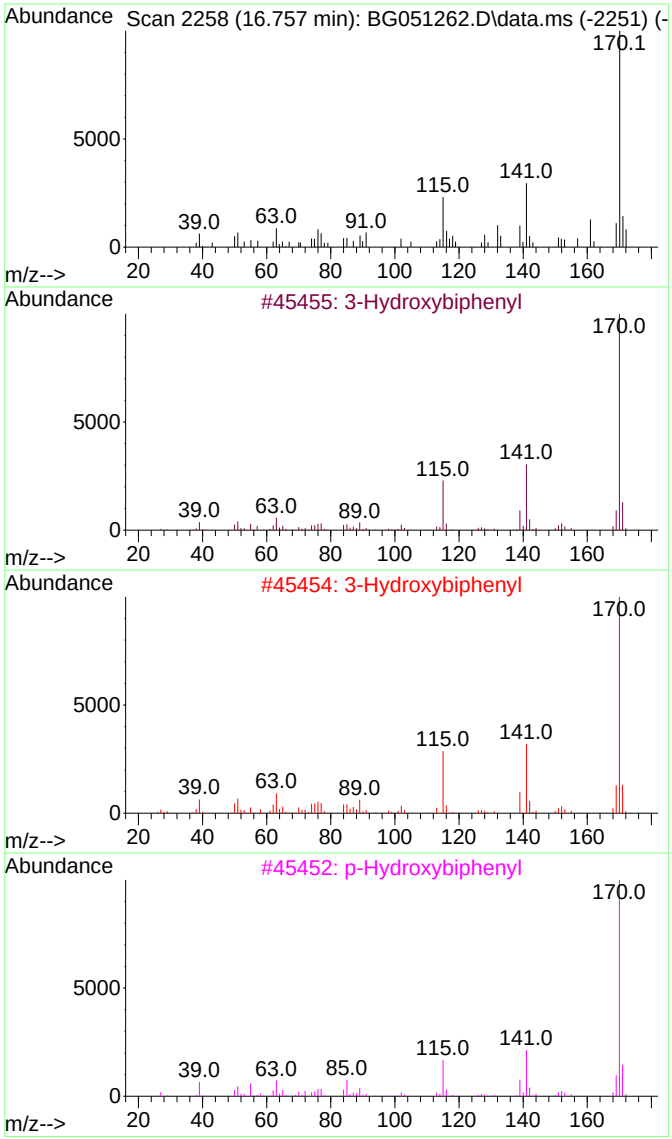
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

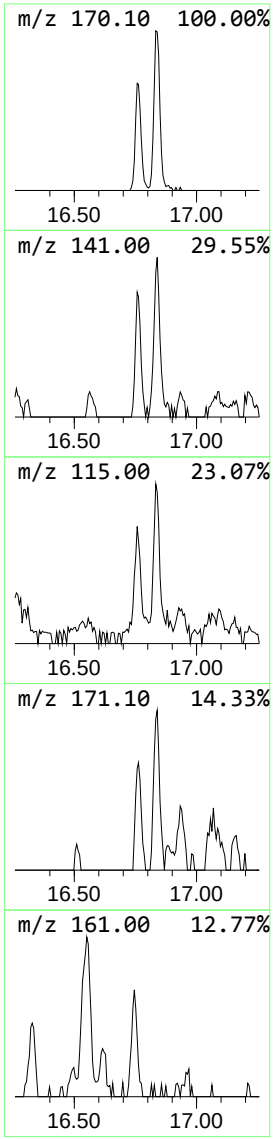
****

Peak Number 17 3-Hydroxybiphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.757	2.14 ng/ul	57529	Phenanthrene-d10	17.585

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	93
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	81
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	81





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

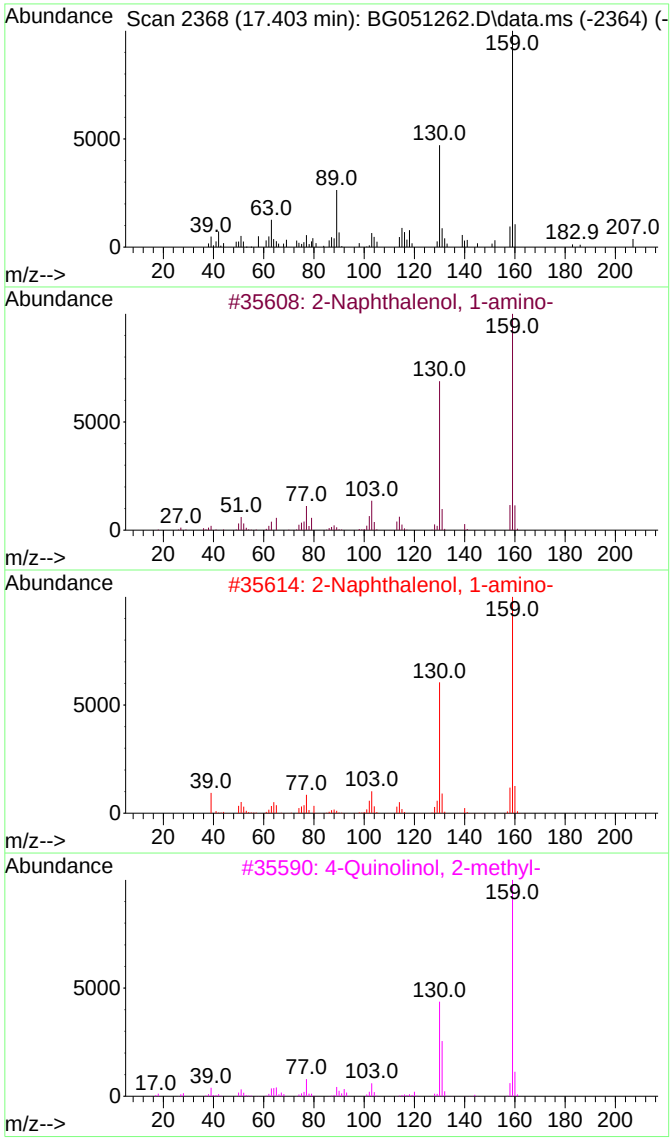
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

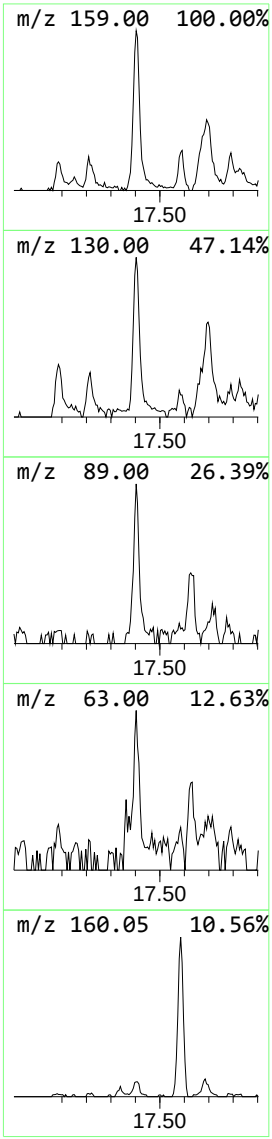
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2-Naphthalenol, 1-amino- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.403	2.73 ng/ul	73242	Phenanthrene-d10	17.585

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	81
2	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	72
3	4-Quinolinol, 2-methyl-	159	C10H9NO	000607-67-0	72
4	4-Quinolinol, 2-methyl-	159	C10H9NO	000607-67-0	64
5	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	64





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

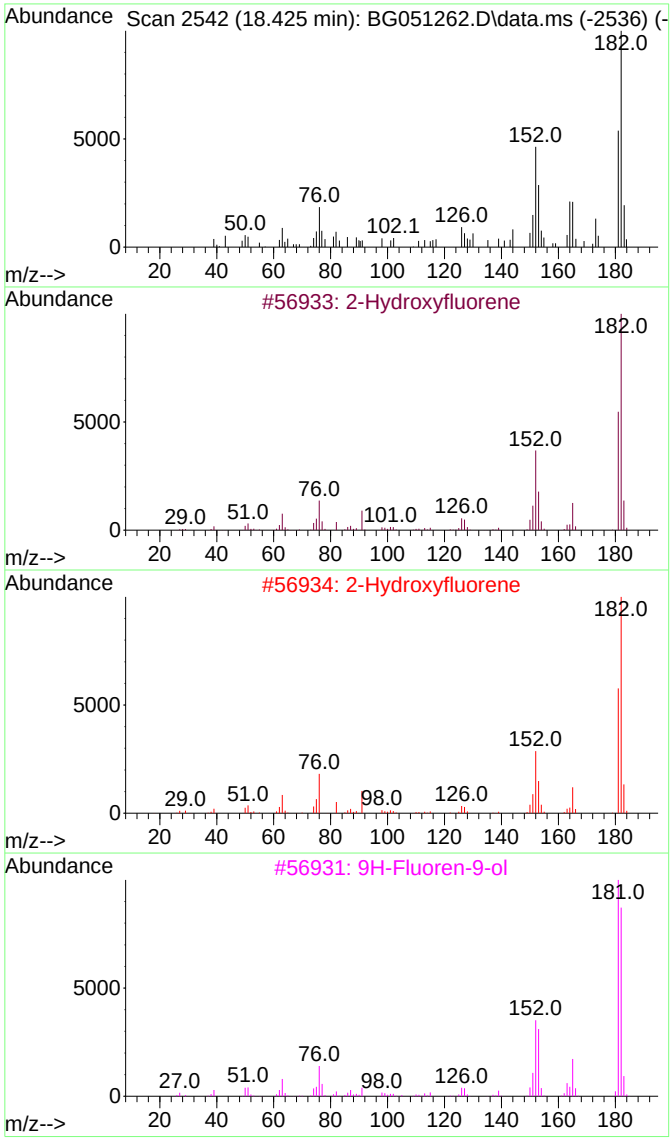
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

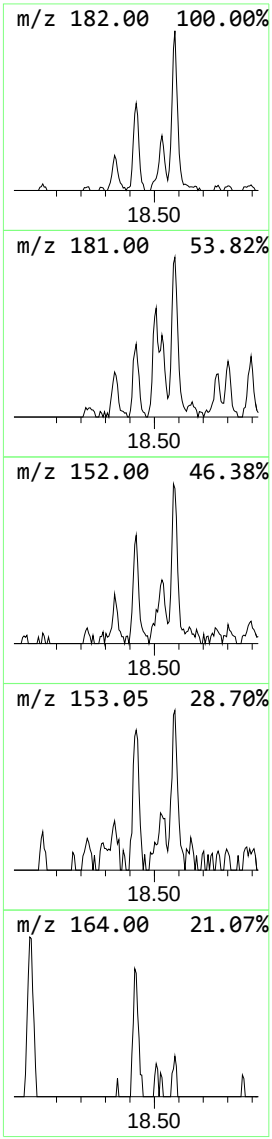
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Hydroxyfluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.425	2.16 ng/ul	58097	Phenanthrene-d10	17.585

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	93
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	64
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	64





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

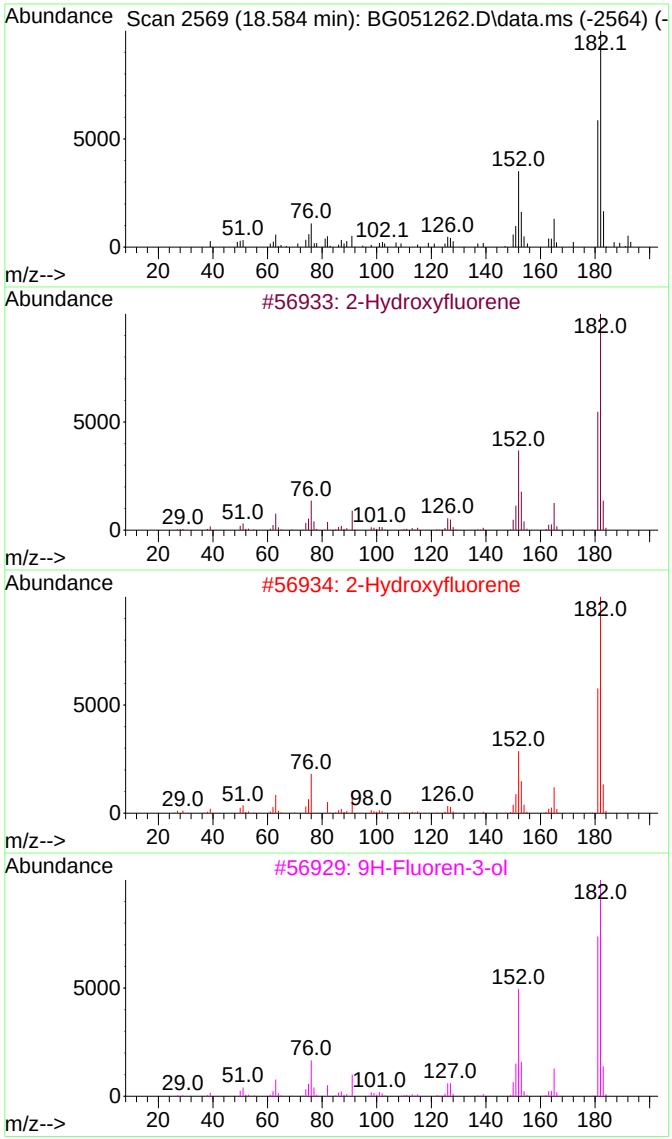
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

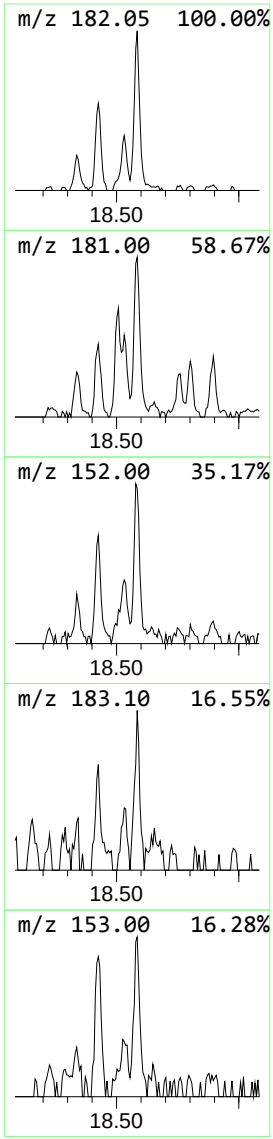
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9H-Fluoren-3-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.584	2.18 ng/ul	58636	Phenanthrene-d10	17.585

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	97
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	93
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
4	8-Methylaminonaphthalene-1-carbo...	182	C12H10N2	1000187-15-2	59
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52





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Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

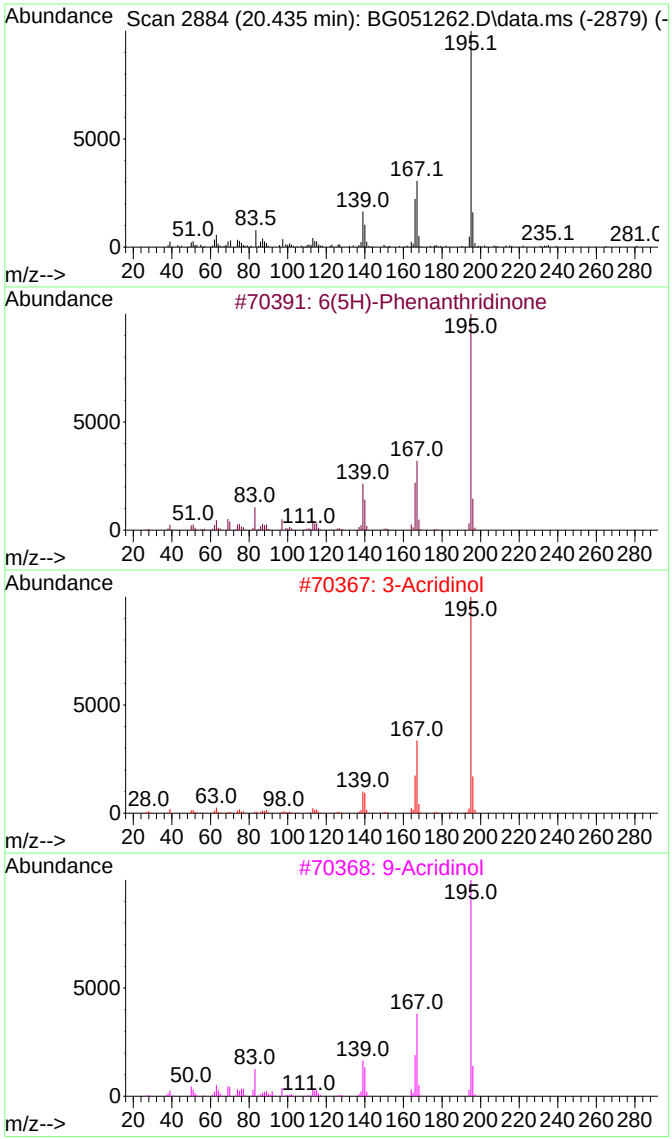
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

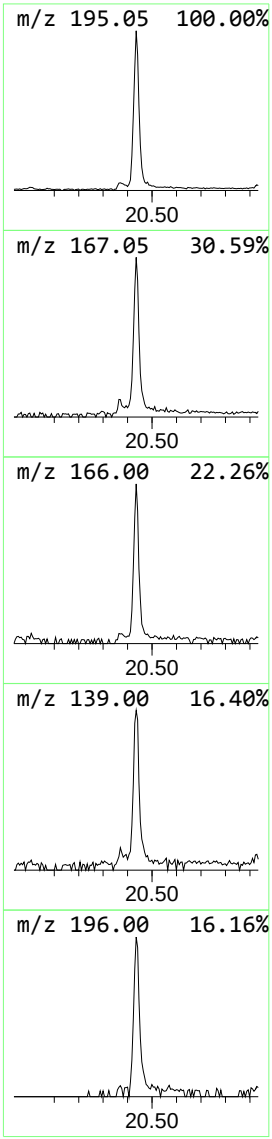
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 6(5H)-Phenanthridinone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.435	5.80 ng/ul	149773	Chrysene-d12	21.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	3-Acridinol	195	C13H9NO	007132-70-9	97
3	9-Acridinol	195	C13H9NO	000643-62-9	95
4	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	94
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

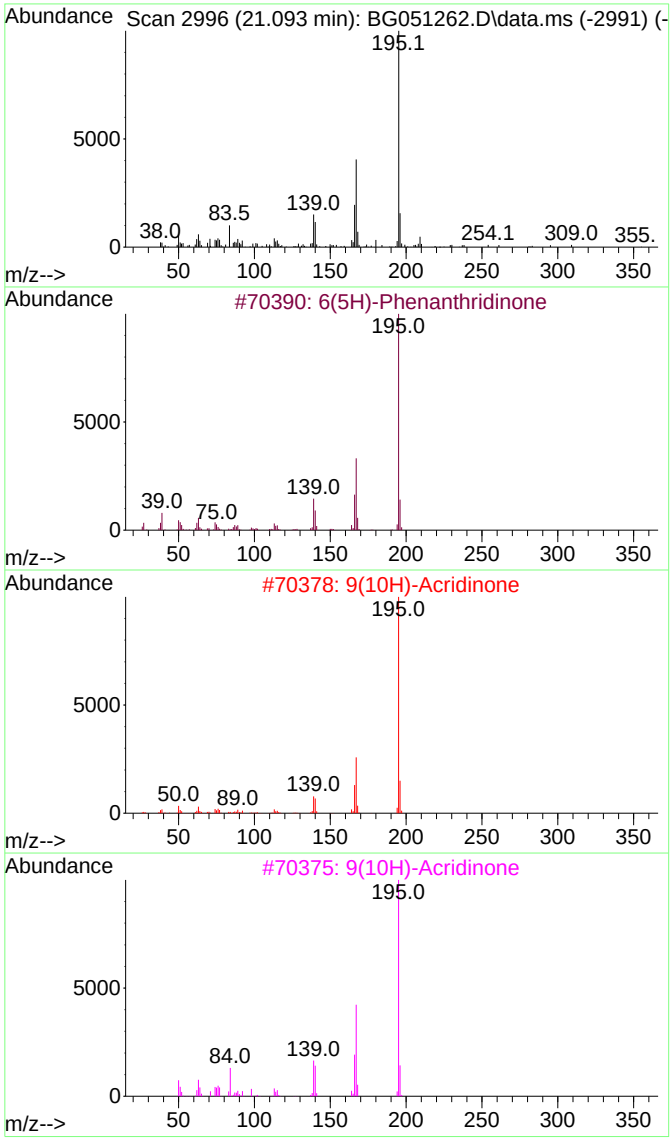
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

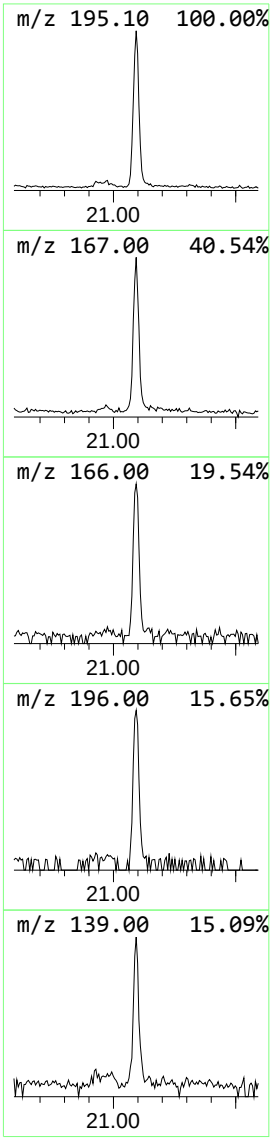
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 9(10H)-Acridinone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.093	3.81 ng/ul	98327	Chrysene-d12	21.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	96
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	96
4	3-Acridinol	195	C13H9NO	007132-70-9	96
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L19DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.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
Toluene	4.312	2.4	ng/ul	27888	1	8.202	231518	20.0
p-Xylene	5.799	3.1	ng/ul	35676	1	8.202	231518	20.0
Benzofuran	7.920	4.9	ng/ul	56460	1	8.202	231518	20.0
Indane	8.572	11.0	ng/ul	127306	1	8.202	231518	20.0
Indene	8.743	12.7	ng/ul	147302	1	8.202	231518	20.0
Cyclohexanemeth...	10.370	4.0	ng/ul	74423	2	11.028	368174	20.0
Phenol, 3,5-dim...	10.505	3.3	ng/ul	59749	2	11.028	368174	20.0
Phenol, 2-ethyl...	11.563	2.0	ng/ul	37120	2	11.028	368174	20.0
Phenol, 3-ethyl...	11.851	3.7	ng/ul	68261	2	11.028	368174	20.0
Phenol, 2,4,6-t...	12.092	2.1	ng/ul	39268	2	11.028	368174	20.0
Quinoline, 2-me...	12.791	4.9	ng/ul	90914	2	11.028	368174	20.0
Benzene, pentam...	13.625	2.4	ng/ul	60177	3	14.836	508984	20.0
1-Naphthalenol,...	16.022	4.5	ng/ul	113223	3	14.836	508984	20.0
4-Fluoro-2,6-di...	16.105	3.3	ng/ul	82627	3	14.836	508984	20.0
unknown-01	16.310	2.0	ng/ul	54891	4	17.585	537306	20.0
unknown-02	16.557	2.3	ng/ul	61135	4	17.585	537306	20.0
3-Hydroxybiphenyl	16.757	2.1	ng/ul	57529	4	17.585	537306	20.0
2-Naphthalenol,...	17.403	2.7	ng/ul	73242	4	17.585	537306	20.0
2-Hydroxyfluorene	18.425	2.2	ng/ul	58097	4	17.585	537306	20.0
9H-Fluoren-3-ol	18.584	2.2	ng/ul	58636	4	17.585	537306	20.0
6(5H)-Phenanthr...	20.435	5.8	ng/ul	149773	5	21.886	516599	20.0
9(10H)-Acridinone	21.093	3.8	ng/ul	98327	5	21.886	516599	20.0