LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050227.D
Acq On : 9 Sep 2021 11:13
Operator : CG/JU
Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

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-BG090721.M
Title : SVOA CALIBRATION

Signal : TIC: BG050227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.072	170	176	186	rVB	141315	241224	1.33%	0.184%
2	5.417	399	405	421	rVV	755907	1311273	7.24%	0.998%
3	5.552	421	428	440	rVB	374728	858911	4.74%	0.654%
4	5.928	483	492	504	rBV	293413	523085	2.89%	0.398%
5	7.020	670	678	683	rBV	236848	397883	2.20%	0.303%
6	7.079	683	688	692	rVV	102732	172043	0.95%	0.131%
7	7.120	692	695	698	rVV	99031	171418	0.95%	0.130%
8	7.156	698	701	708	rVB	186023	295752	1.63%	0.225%
9	7.267	713	720	726	rVV	290890	508486	2.81%	0.387%
10	7.479	750	756	764	rVV	250394	458006	2.53%	0.349%
11	7.584	768	774	781	rVV	384028	670393	3.70%	0.510%
12	7.661	781	787	796	rVB	924662	1621188	8.95%	1.234%
13	7.943	829	835	843	rBV	152439	272680	1.51%	0.208%
14	8.060	849	855	862	rVB	122163	212800	1.18%	0.162%
15	8.319	892	899	907	rVV	1121931	1986432	10.97%	1.512%
16	8.495	920	929	938	rVB	3224664	5937997	32.79%	4.520%
17	8.671	950	959	966	rBV2	146611	258257	1.43%	0.197%
18	8.800	976	981	988	rVB	138989	235681	1.30%	0.179%
19	9.123	1029	1036	1043	rVV2	263888	537817	2.97%	0.409%
20	9.311	1060	1068	1075	rBV2	179868	314731	1.74%	0.240%
21	9.435	1075	1089	1095	rVV	425439	1012138	5.59%	0.770%
22	9.499	1095	1100	1106	rVV	101002	176360	0.97%	0.134%
23	9.846	1153	1159	1171	rVB	228905	434746	2.40%	0.331%
24	10.005	1179	1186	1200	rVB	234347	522270	2.88%	0.398%
25	10.157	1200	1212	1224	rBV4	289481	737253	4.07%	0.561%
26	10.257	1224	1229	1234	rBV2	91840	173776	0.96%	0.132%
27	10.398	1243	1253	1261	rBV2	528807	1038819	5.74%	0.791%
28	10.539	1270	1277	1286	rBV2	119398	214114	1.18%	0.163%
29	10.856	1310	1331	1336	rVV	6869018	17743043	97.97%	13.507%
30	10.950	1336	1347	1354	rVV	1817692	3401155	18.78%	2.589%
31	12.166	1548	1554	1560	rVB4	91825	202425	1.12%	0.154%
32	12.325	1573	1581	1587	rVV	179473	338361	1.87%	0.258%
33	12.431	1593	1599	1604	rVV2	120261	200682	1.11%	0.153%
34	12.548	1614	1619	1624	rVV2	77194	171578	0.95%	0.131%
35	12.660	1625	1638	1645	rVB	2671622	4896399	27.04%	3.727%
36	12.848	1667	1670	1676	rVV2	127353	202525	1.12%	0.154%

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Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

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-BG090721.M
Title : SVOA CALIBRATION

37	13.077	1704	1709	1716	rVV3	170058	375259	2.07%	0.286%
38	13.347	1747	1755	1761	rBV3	180324	363616	2.01%	0.277%
39	13.441	1761	1771	1781	rVB	858302	1674404	9.25%	1.275%
40	13.588	1788	1796	1800	rBV2	215862	404233	2.23%	0.308%
41	13.641	1800	1805	1817	rVB2	232612	569312	3.14%	0.433%
42	13.800	1817	1832	1838	rBV3	623031	1833203	10.12%	1.396%
43	13.929	1848	1854	1859	rBV	382451	703605	3.89%	0.536%
44	13.982	1859	1863	1866	rVV	212339	320108	1.77%	0.244%
45	14.023	1866	1870	1876	rVB	484620	720431	3.98%	0.548%
46	14.164	1889	1894	1898	rBV	161218	261708	1.45%	0.199%
47	14.305	1911	1918	1921	rBV	519959	913244	5.04%	0.695%
48	14.610	1956	1970	1975	rBV2	319691	738720	4.08%	0.562%
49	14.687	1975	1983	1988	rVB	3013443	5004898	27.64%	3.810%
50	14.757	1988	1995	1999	rBV	702809	1126866	6.22%	0.858%
51	14.810	1999	2004	2009	rBV	195712	304964	1.68%	0.232%
52	14.886	2012	2017	2026	rVB3	285355	597434	3.30%	0.455%
53	15.016	2026	2039	2048	rBV	1571337	2596672	14.34%	1.977%
54	15.180	2056	2067	2072	rBV	4775772	8197045	45.26%	6.240%
55	15.251	2072	2079	2092	rVB	1343305	2318706	12.80%	1.765%
56	15.609	2130	2140	2145	rBV	658876	1029549	5.68%	0.784%
57	15.668	2145	2150	2156	rVB	1576338	2329334	12.86%	1.773%
58	15.762	2159	2166	2171	rBV4	358013	1025987	5.67%	0.781%
59	15.897	2181	2189	2196	rVV6	203690	608539	3.36%	0.463%
60	16.096	2218	2223	2236	rVB4	183700	431682	2.38%	0.329%
61	16.361	2261	2268	2277	rVB3	326612	717894	3.96%	0.547%
62	16.549	2294	2300	2308	rBV	259365	473948	2.62%	0.361%
63	16.631	2308	2314	2318	rVV	407489	851375	4.70%	0.648%
64	16.678	2319	2322	2326	rVV3	324713	555021	3.06%	0.423%
65	16.731	2326	2331	2338	rVB4	131701	286466	1.58%	0.218%
66	16.878	2349	2356	2359	rBV4	67247	169795	0.94%	0.129%
67	16.960	2363	2370	2375	rVB2	249154	500978	2.77%	0.381%
68	17.054	2375	2386	2393	rBV	8925789	18110231	100.00%	13.787%
69	17.160	2399	2404	2408	rBV	291836	420585	2.32%	0.320%
70	17.260	2416	2421	2424	rBV2	138127	214939	1.19%	0.164%
71	17.318	2428	2431	2435	rVV	180638	268782	1.48%	0.205%
72	17.371	2435	2440	2443	rVV2	454076	716153	3.95%	0.545%
73	17.418	2443	2448	2453	rVV2	1402659	2295410	12.67%	1.747%
74	17.471	2453	2457	2461	rVV	807346	1283369	7.09%	0.977%
75	17.506	2461	2463	2467	rVV2	273166	390035	2.15%	0.297%
76	17.794	2499	2512	2517	rBV	3727414	7358438	40.63%	5.602%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Title : SVOA CALIBRATION

77	17.870	2517	2525	2531	rVV2	438077	813261	4.49%	0.619%
78	17.941	2531	2537	2544	rVV	734989	1187506	6.56%	0.904%
79	18.017	2545	2550	2556	rVV2	228714	461629	2.55%	0.351%
80	18.076	2556	2560	2564	rVV2	130556	233515	1.29%	0.178%
81	18.129	2565	2569	2574	rVV	130250	228955	1.26%	0.174%
82	18.211	2578	2583	2592	rVV	358517	589055	3.25%	0.448%
83	18.293	2592	2597	2606	rVB2	407610	730651	4.03%	0.556%
84	18.376	2606	2611	2616	rBV	453235	667544	3.69%	0.508%
85	18.440	2616	2622	2630	rVB3	150744	272803	1.51%	0.208%
86	18.534	2632	2638	2645	rBV2	250770	697026	3.85%	0.531%
87	18.593	2645	2648	2651	rVV	174804	241280	1.33%	0.184%
88	18.687	2659	2664	2670	rVV2	245807	457347	2.53%	0.348%
89	18.746	2670	2674	2678	rVB	155750	223171	1.23%	0.170%
90	19.157	2741	2744	2754	rVB6	80735	209435	1.16%	0.159%
91	19.368	2774	2780	2784	rVV	221310	337571	1.86%	0.257%
92	19.756	2837	2846	2851	rVV	1006457	1567311	8.65%	1.193%
93	19.803	2851	2854	2865	rVB	161584	300536	1.66%	0.229%
94	20.162	2911	2915	2918	rBV	167093	253517	1.40%	0.193%
95	20.255	2923	2931	2936	rVB	554773	979977	5.41%	0.746%
96	20.849	3027	3032	3035	rBV2	142312	223608	1.23%	0.170%
97	20.890	3035	3039	3049	rVB2	154785	319086	1.76%	0.243%
98	21.636	3160	3166	3174	rVB	420927	699651	3.86%	0.533%
99	24.632	3665	3676	3688	rVB2	499845	1416577	7.82%	1.078%
100	24.855	3700	3714	3725	rBV2	240918	735728	4.06%	0.560%

Sum of corrected areas: 131361379

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
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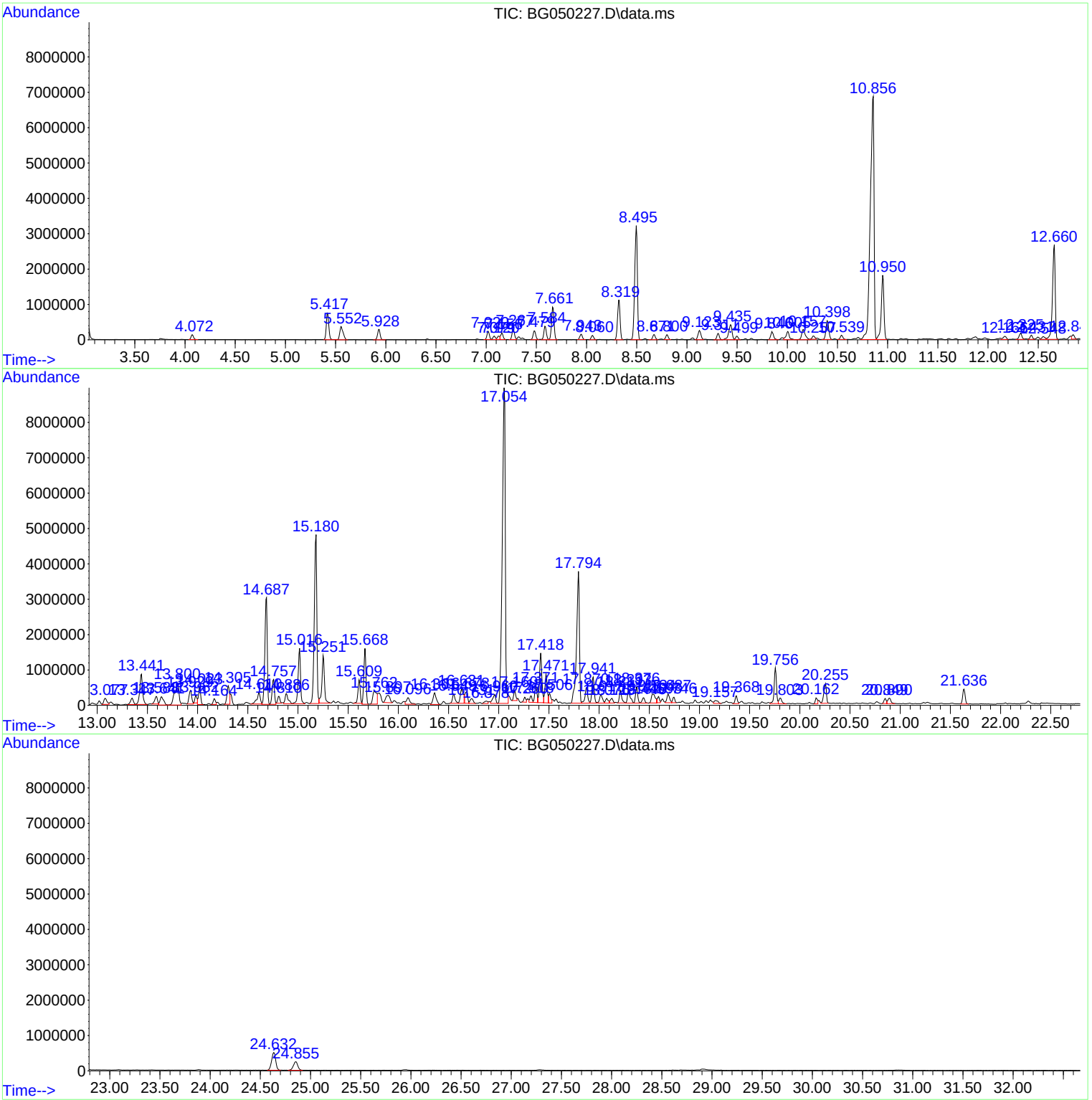
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBKL6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050227.D
Acq On : 9 Sep 2021 11:13
Operator : CG/JU
Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBKL6

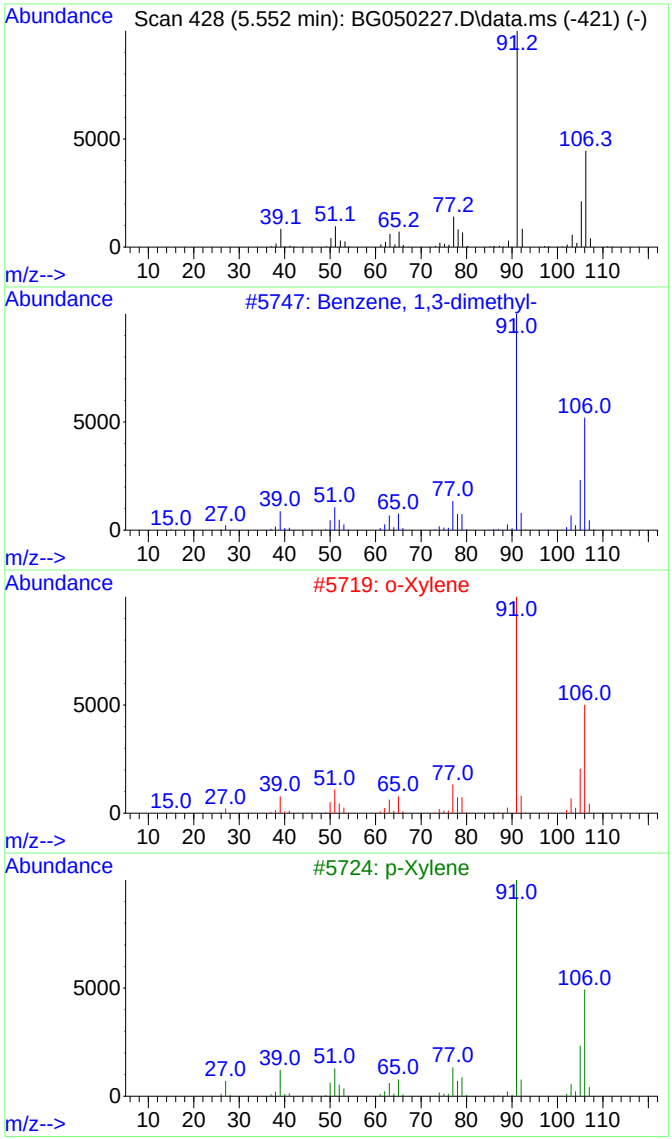
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

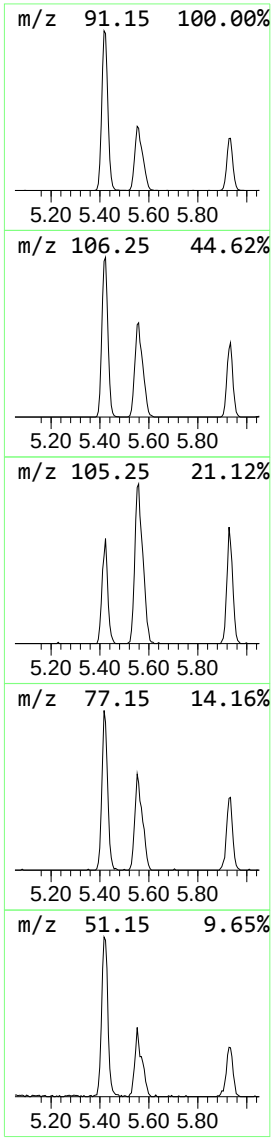
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.552	63.00 ng/ul	858911	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050227.D
Acq On : 9 Sep 2021 11:13
Operator : CG/JU
Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBKL6

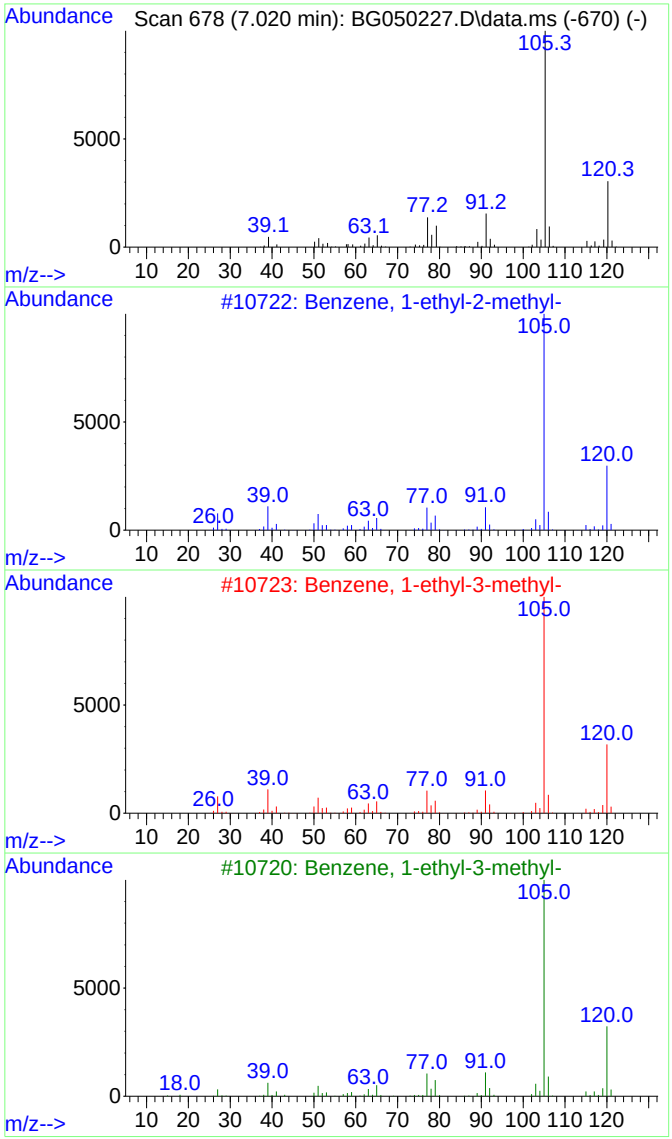
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

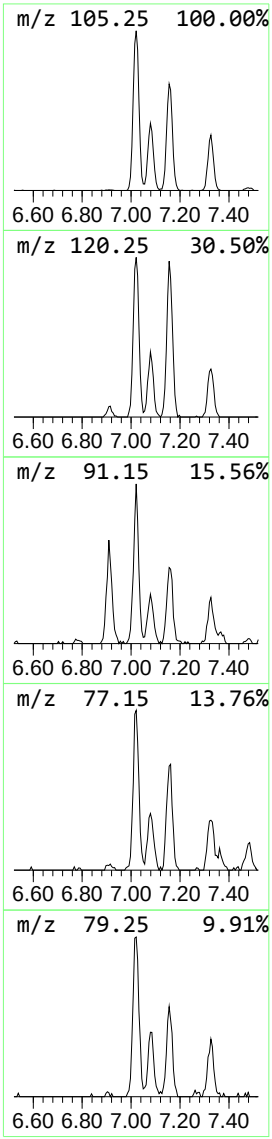
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.020	29.18 ng/ul	397883	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050227.D
Acq On : 9 Sep 2021 11:13
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Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

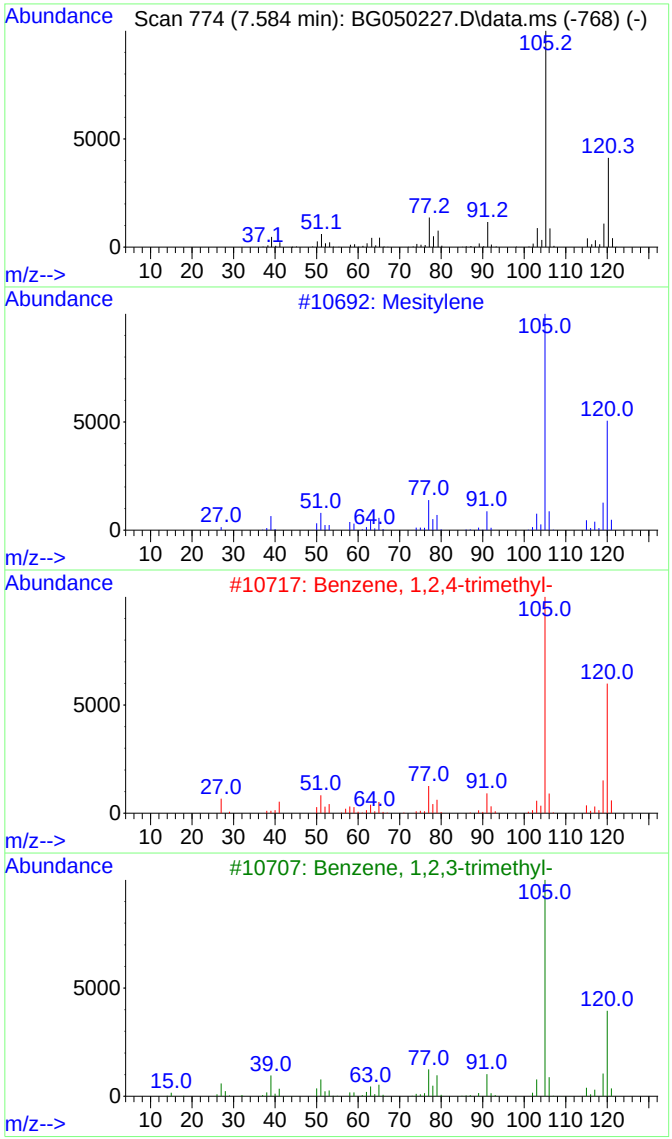
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

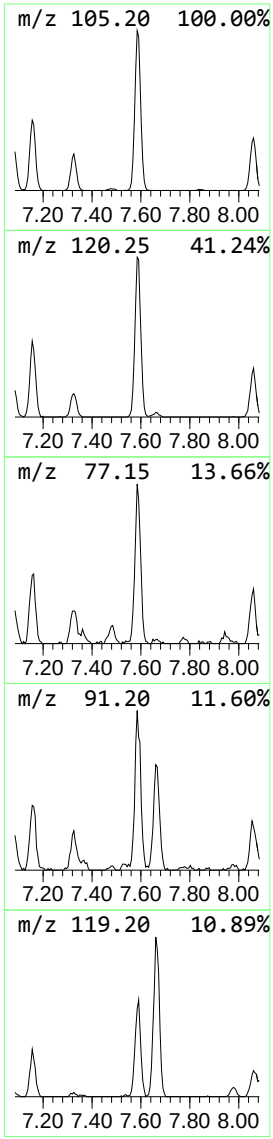
****

Peak Number 6 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.584	49.17 ng/ul	670393	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
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Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

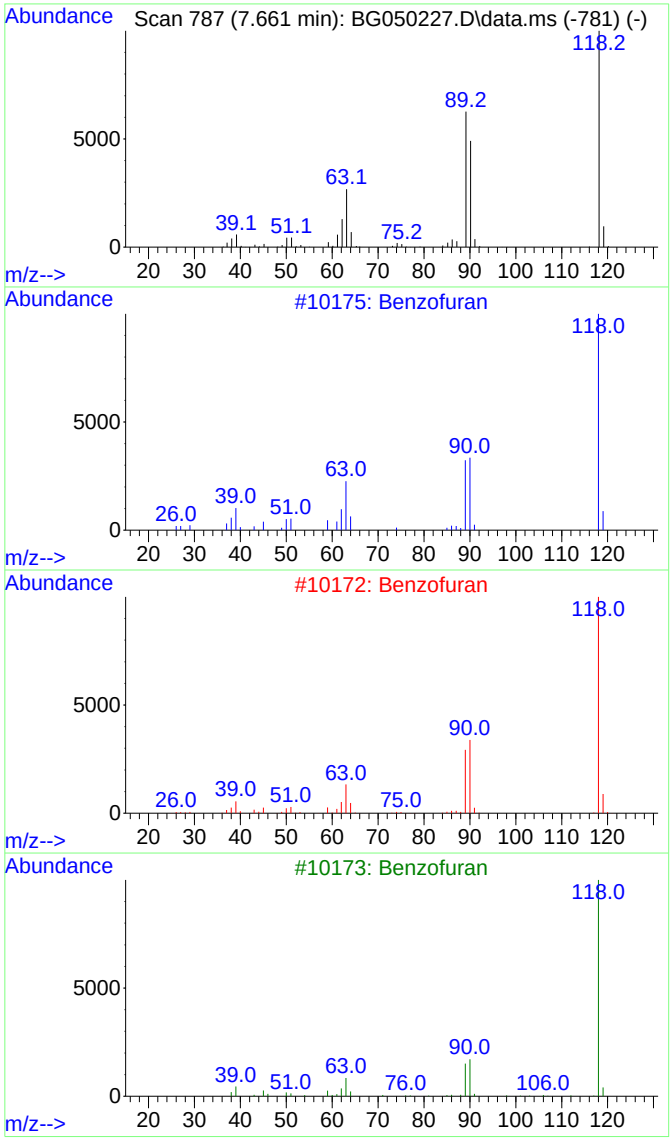
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

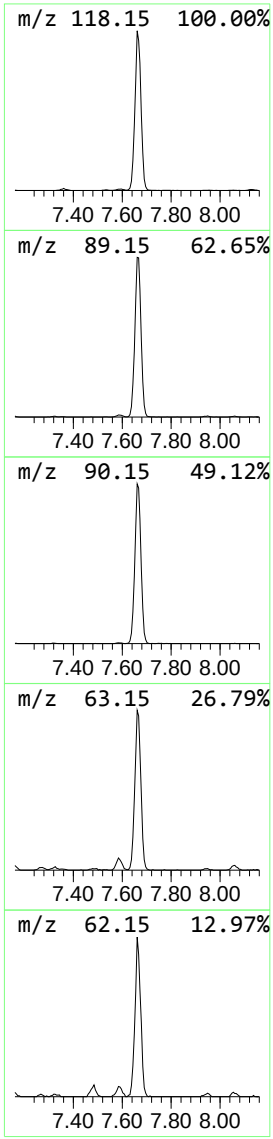
****

Peak Number 7 Benzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.661	118.91 ng/ul	1621190	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	90
4	Benzofuran	118	C8H6O	000271-89-6	90
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	72





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Data File : BG050227.D
Acq On : 9 Sep 2021 11:13
Operator : CG/JU
Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

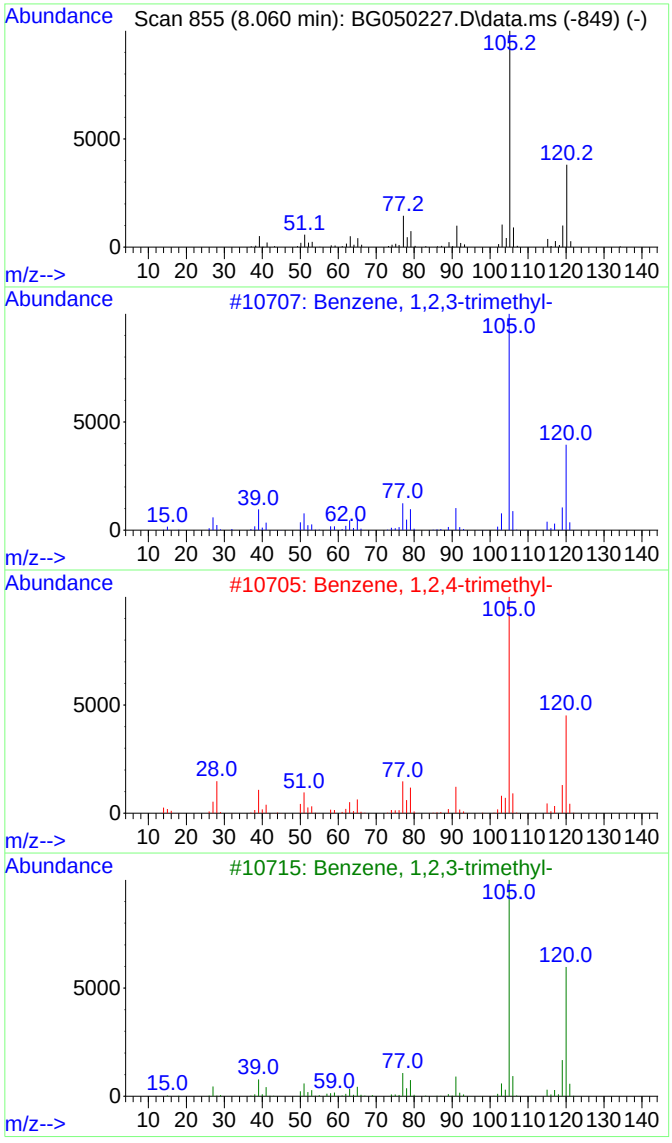
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

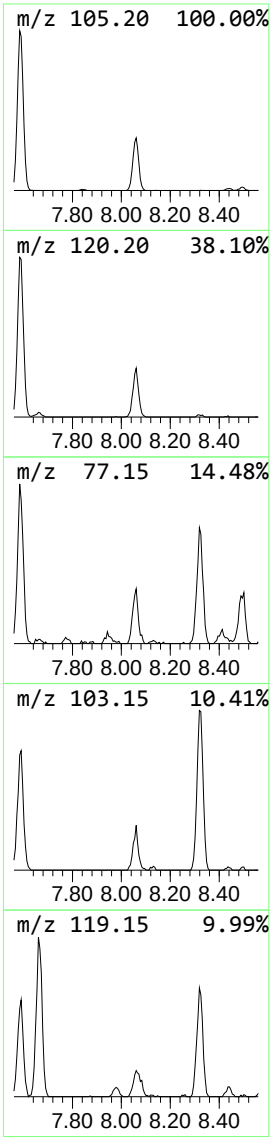
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.060	15.61 ng/ul	212800	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 9 Sep 2021 11:13
Operator : CG/JU
Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

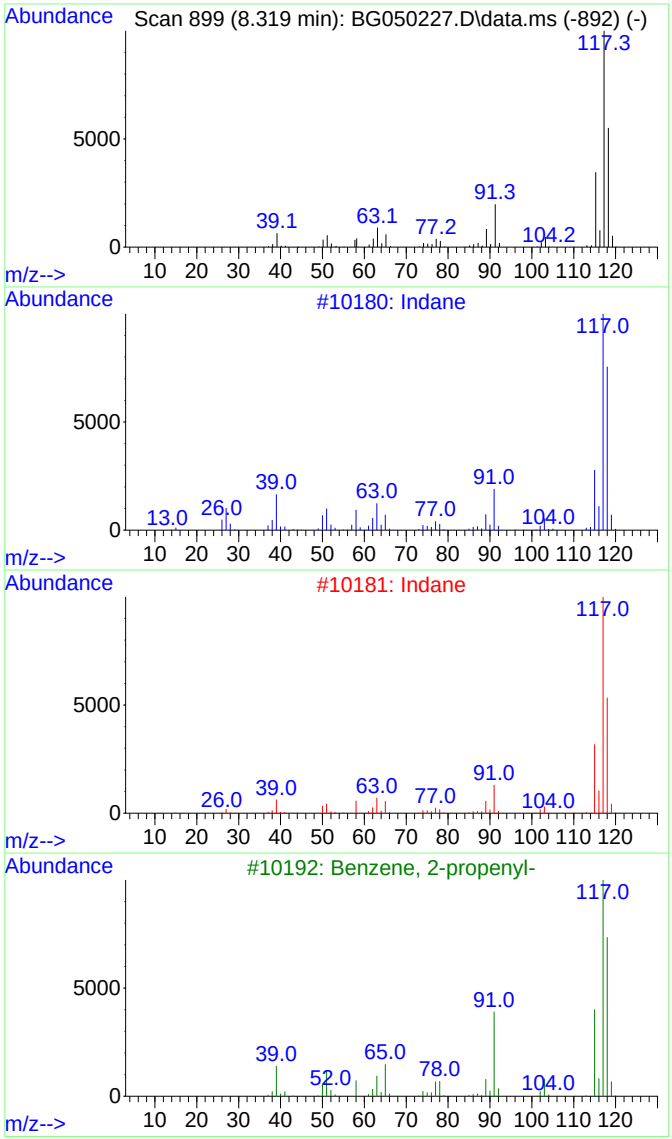
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

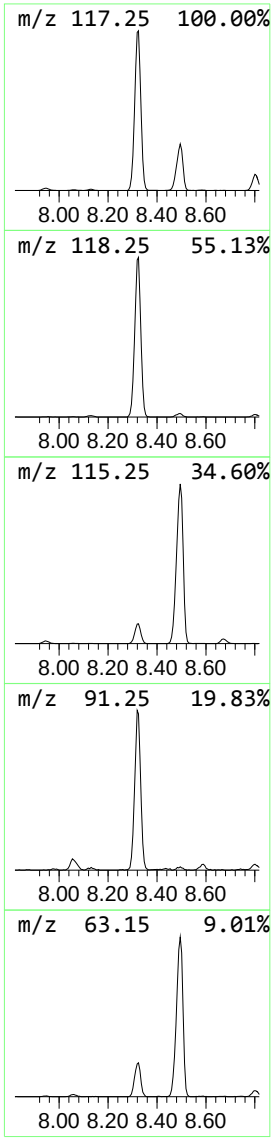
****

Peak Number 9 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	145.70 ng/ul	1986430	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





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Sample : M3608-22
Misc :
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Instrument : BNA_G
ClientSampleId : DBKL6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

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

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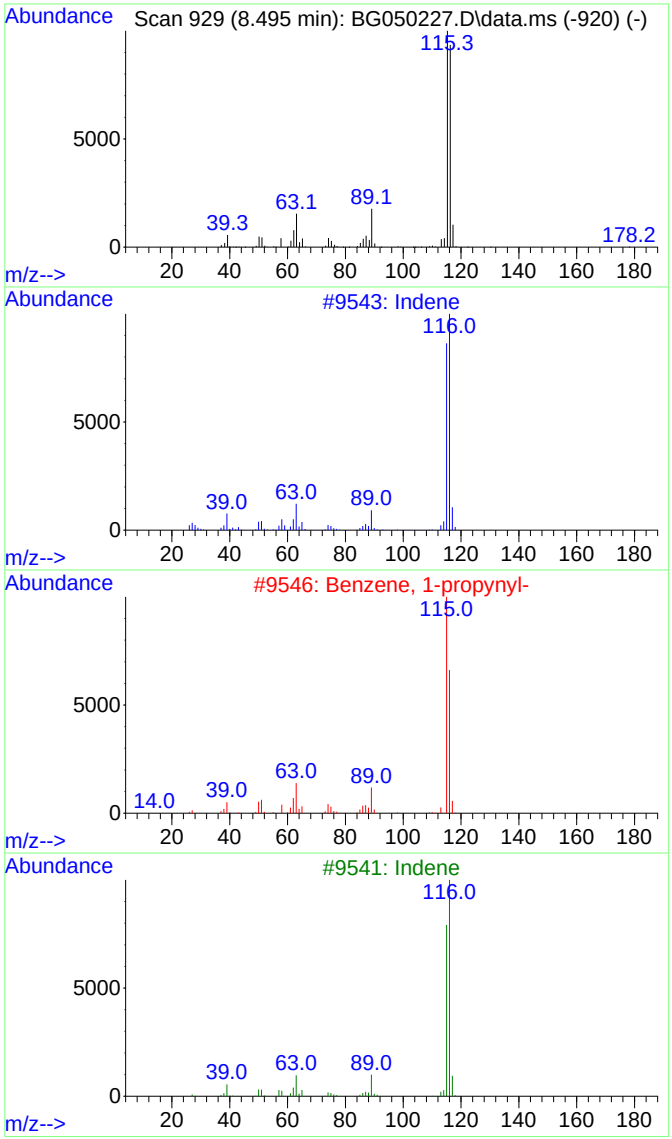
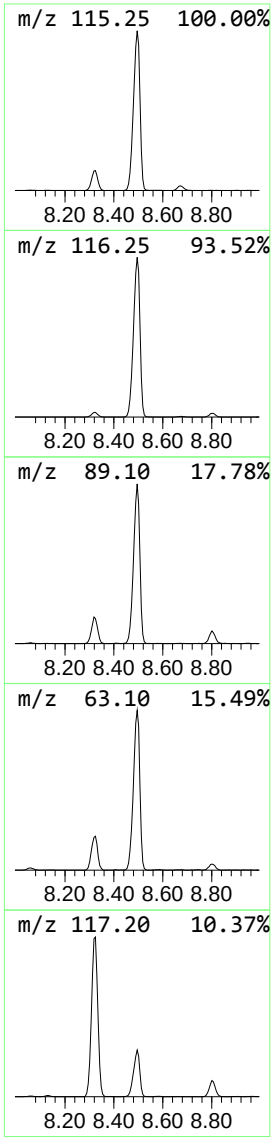
Peak Number 10 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.495	435.53 ng/ul	5938000	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Indene	116	C9H8	000095-13-6	94
4	Indene	116	C9H8	000095-13-6	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





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Instrument : BNA_G
ClientSampleId : DBKL6

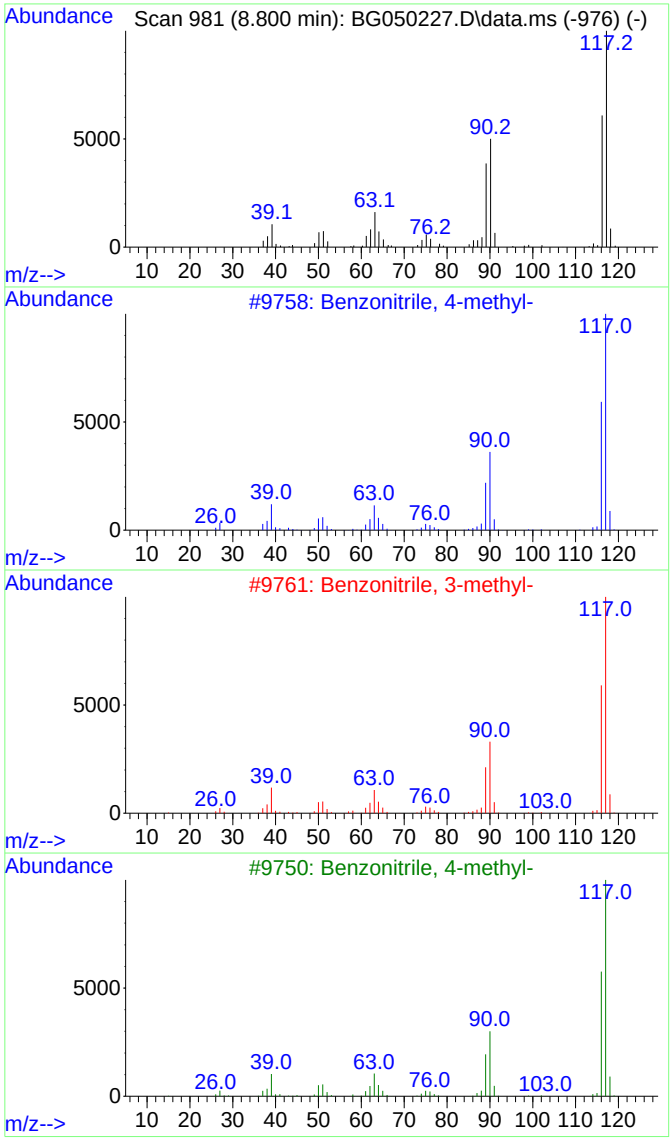
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

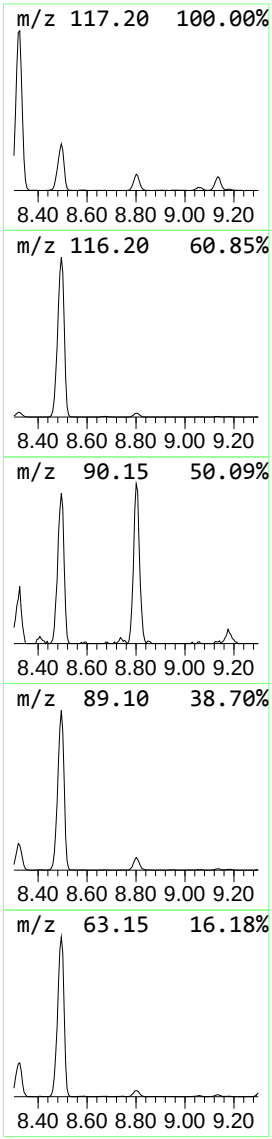
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzonitrile, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.800	17.29 ng/ul	235681	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
2	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
3	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
4	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	97





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Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

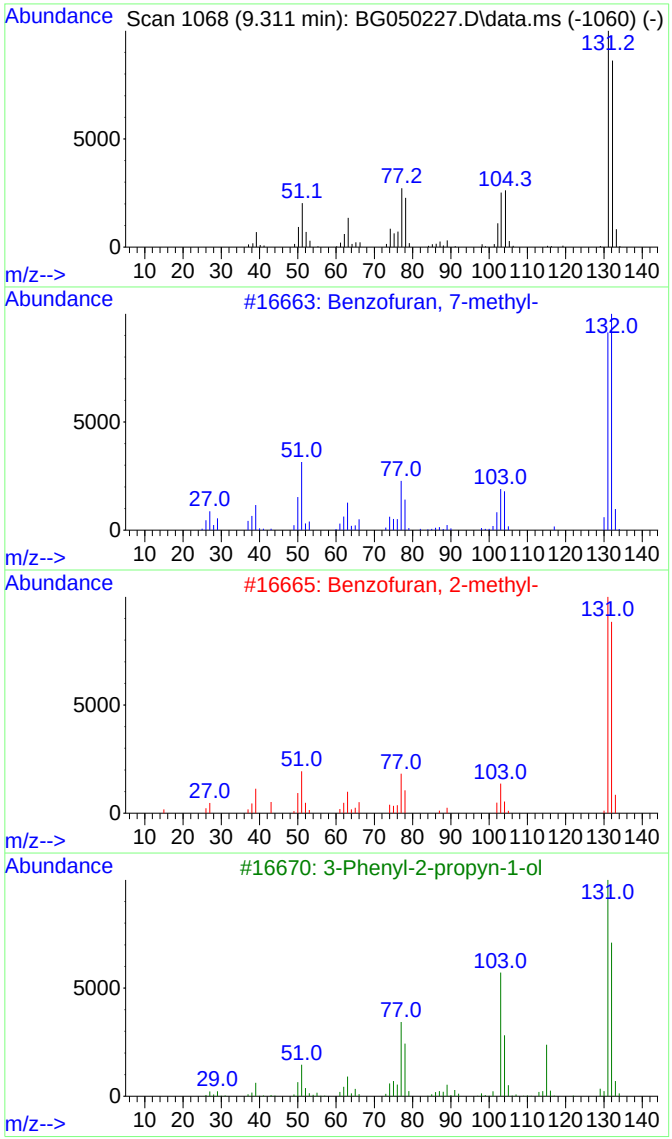
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

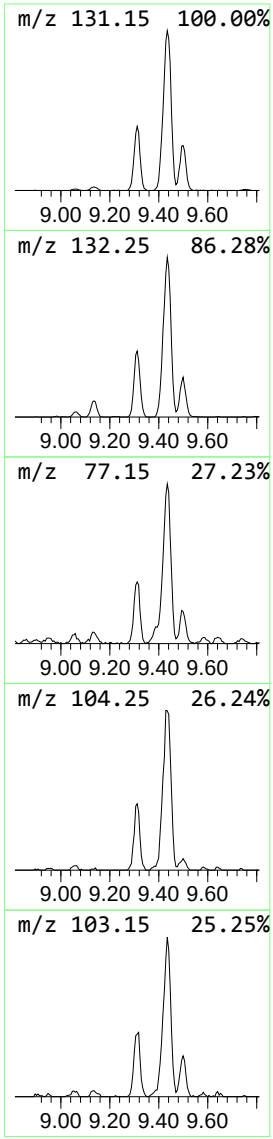
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzofuran, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.311	23.08 ng/ul	314731	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	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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Sample : M3608-22
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ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

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Quant Title : SVOA CALIBRATION

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

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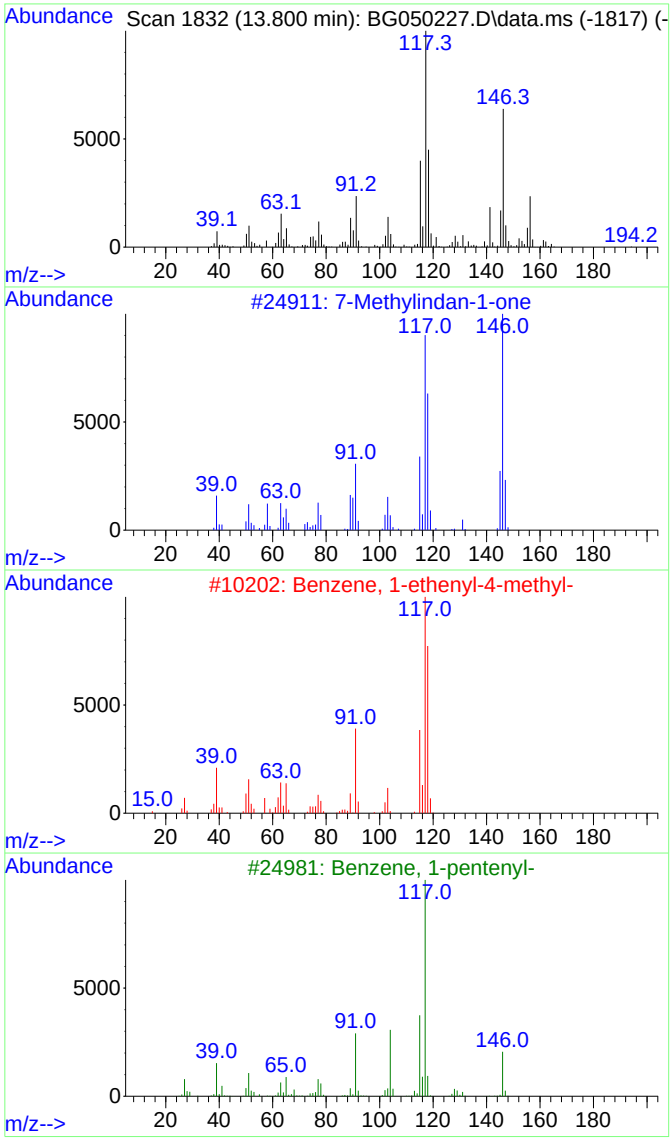
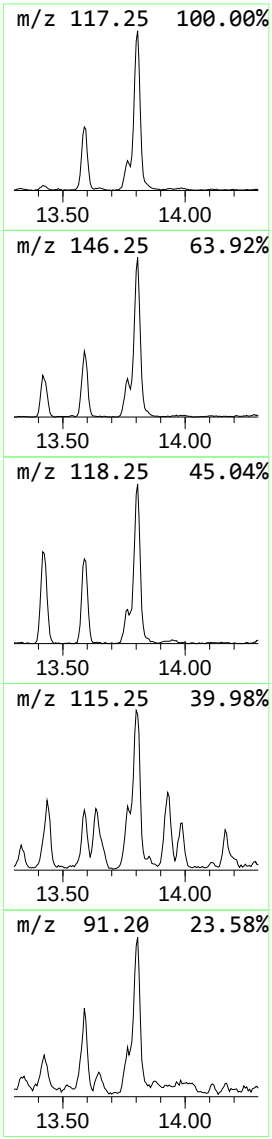
Peak Number 18 7-Methylindan-1-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.800	49.63 ng/ul	1833200	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	91
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	70
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	70
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	62





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Acq On : 9 Sep 2021 11:13
Operator : CG/JU
Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

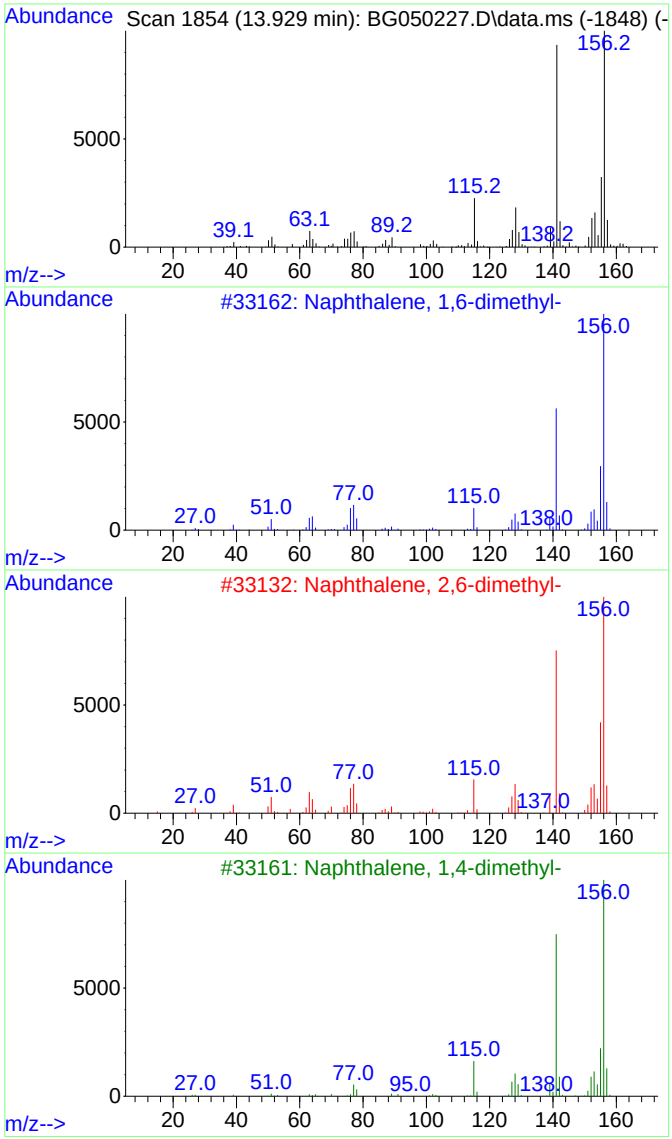
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

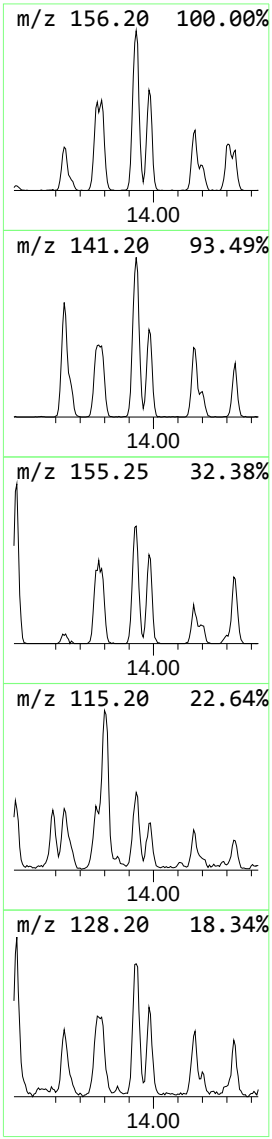
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.929	19.05 ng/ul	703605	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

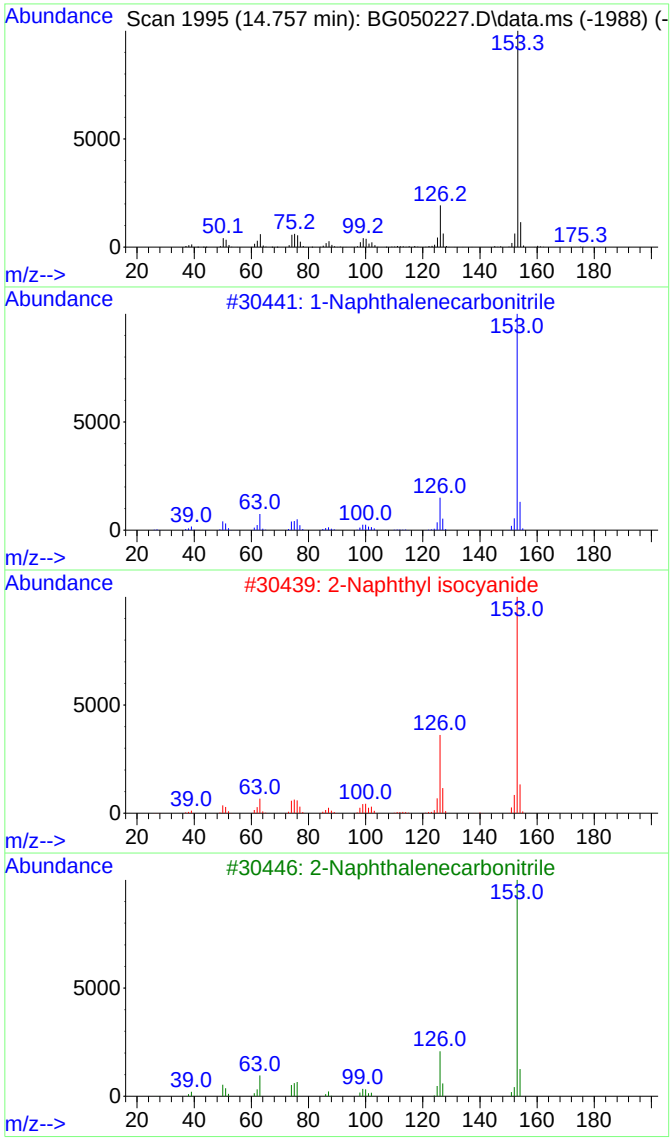
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

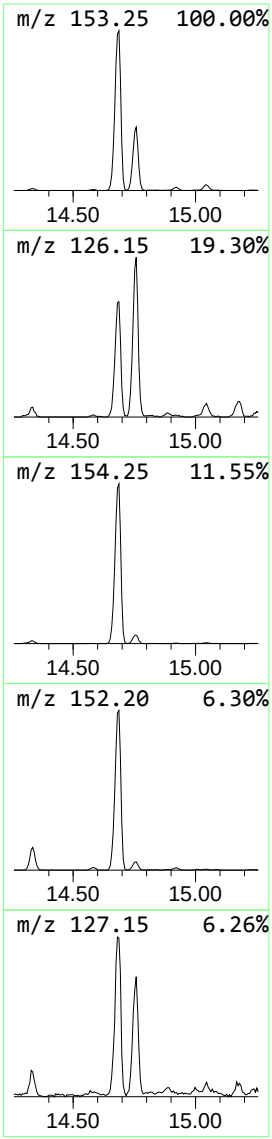
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1-Naphthalenecarbonitrile Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	30.51 ng/ul	1126870	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
2	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	94
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





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Sample : M3608-22
Misc :
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Instrument : BNA_G
ClientSampleId : DBKL6

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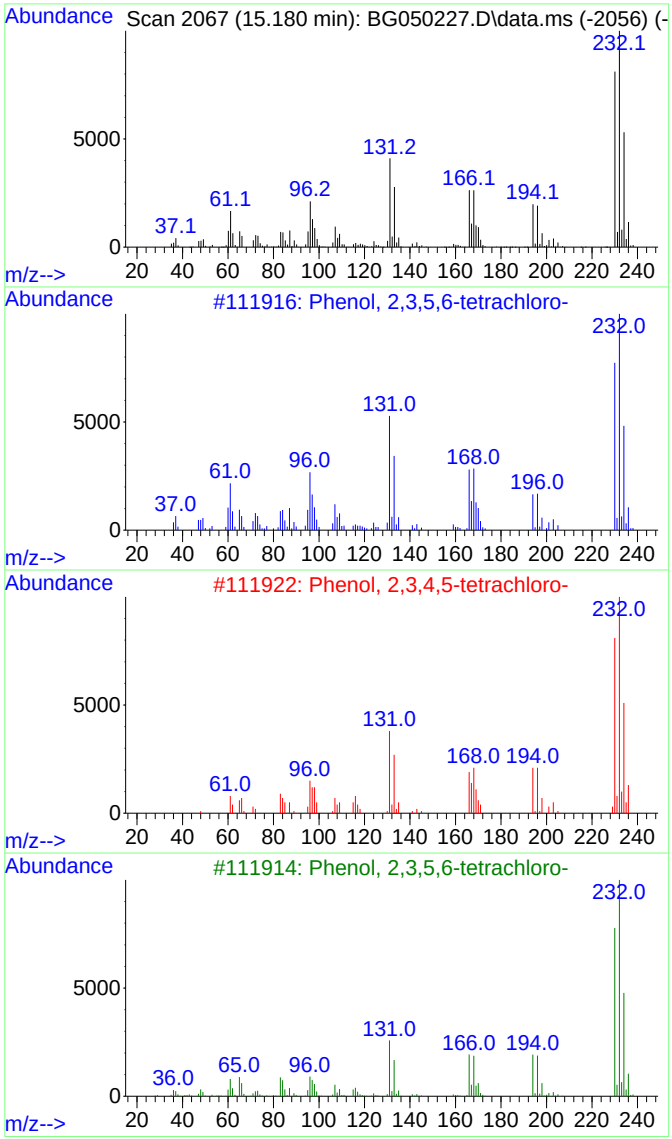
Quant Title : SVOA CALIBRATION

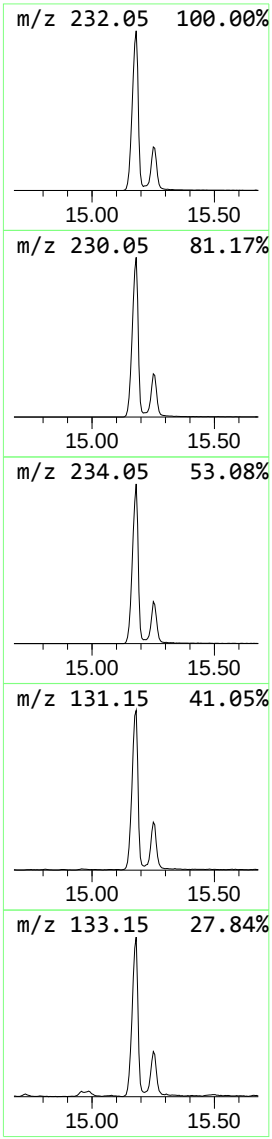
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	221.93 ng/ul	8197050	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
2	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	99
3	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98
4	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	97
5	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	96





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Instrument : BNA_G
ClientSampleId : DBKL6

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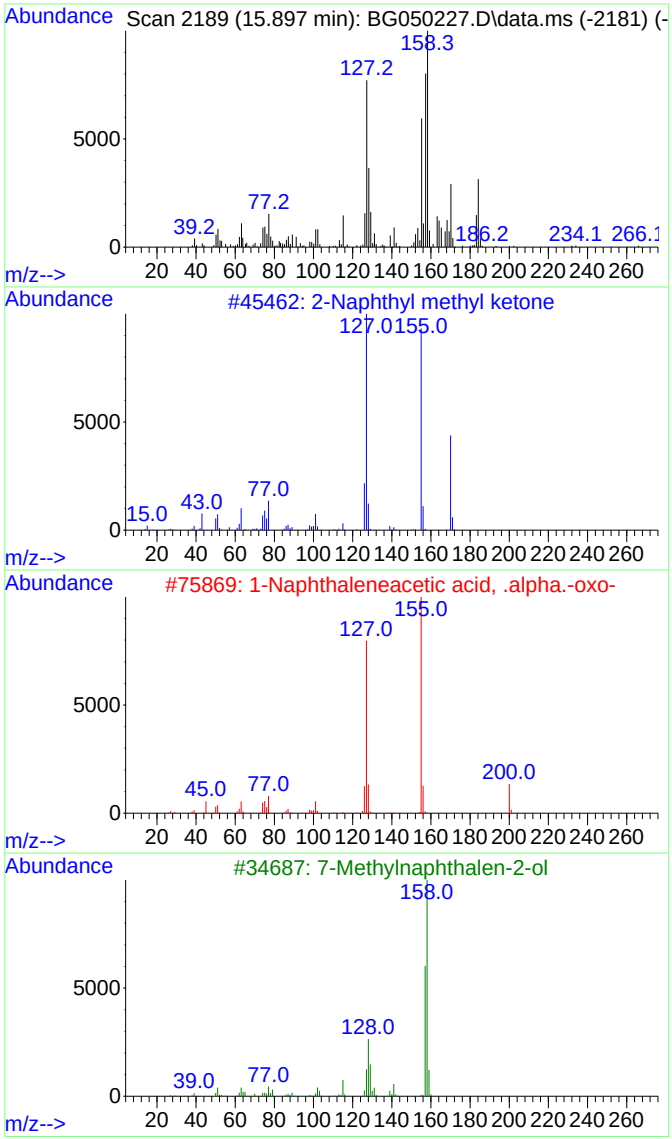
Quant Title : SVOA CALIBRATION

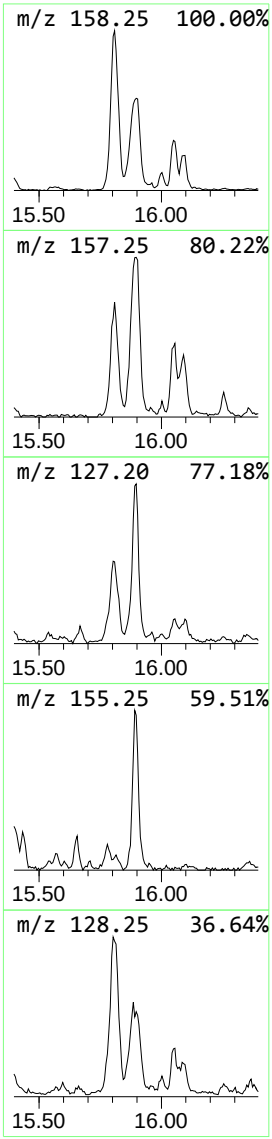
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2-Naphthyl methyl ketone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.897	16.48 ng/ul	608539	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	80
2	1-Naphthaleneacetic acid, .alpha...	200	C12H8O3	026153-26-4	74
3	7-Methylnaphthalen-2-ol	158	C11H10O	026593-50-0	45
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	42
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	42





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Instrument : BNA_G
ClientSampleId : DBKL6

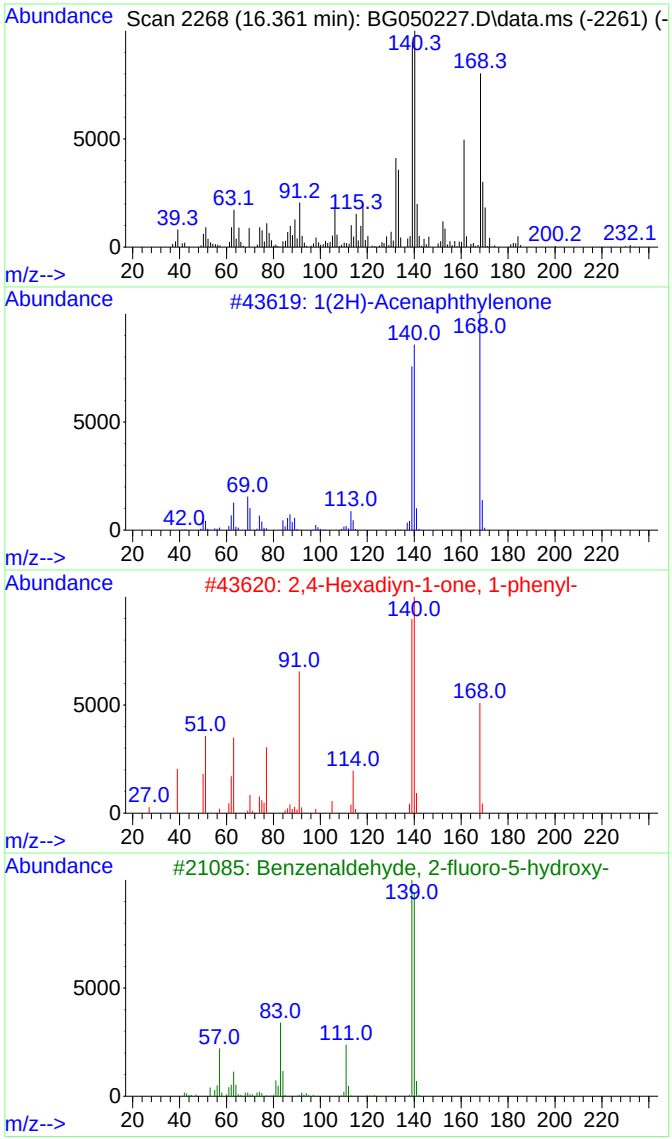
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

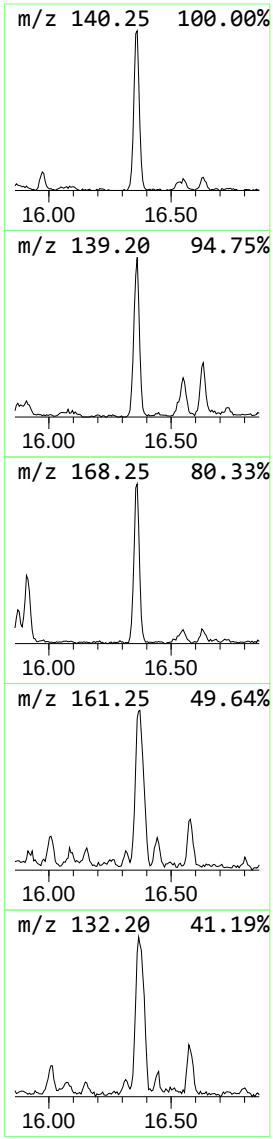
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.361	20.05 ng/ul	717894	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	60
2	2,4-Hexadiyn-1-one, 1-phenyl-	168	C12H8O	000495-74-9	53
3	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	35
4	Dibenzofuran	168	C12H8O	000132-64-9	30
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	27





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Instrument : BNA_G
ClientSampleId : DBKL6

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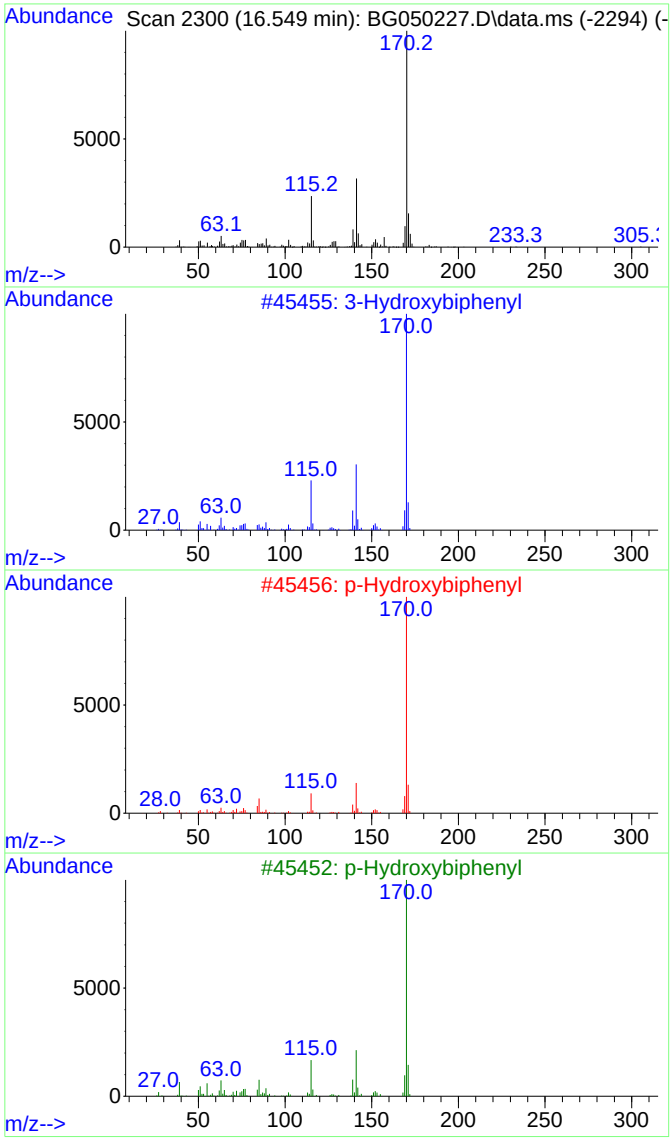
Quant Title : SVOA CALIBRATION

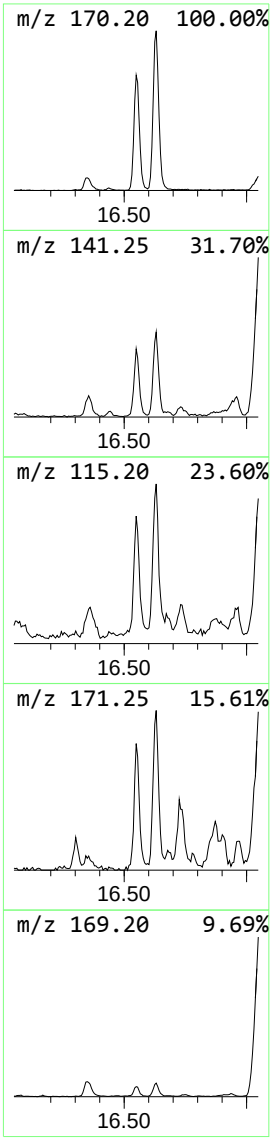
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 3-Hydroxybiphenyl Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.549	13.24 ng/ul	473948	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	96
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
4	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	93
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90





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Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

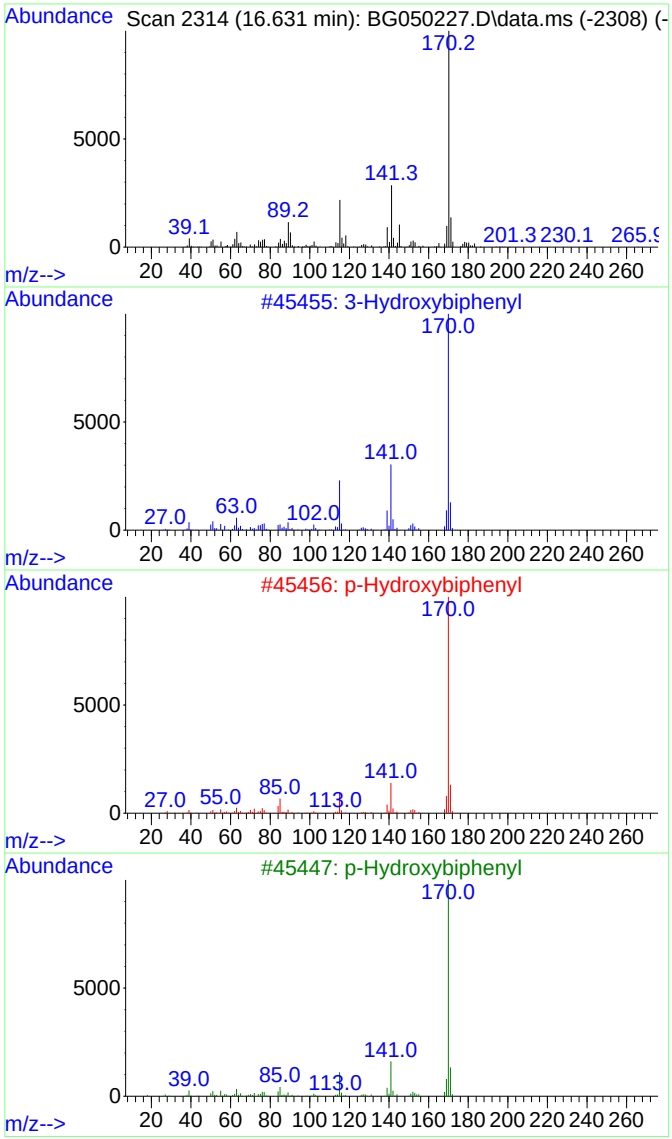
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

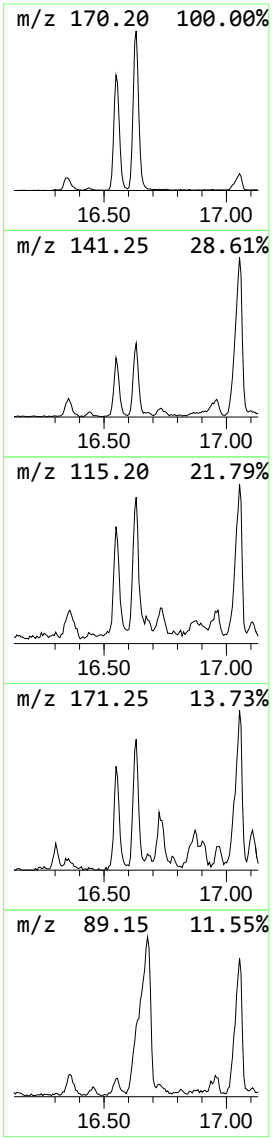
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 p-Hydroxybiphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.631	23.78 ng/ul	851375	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	87





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Operator : CG/JU
Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

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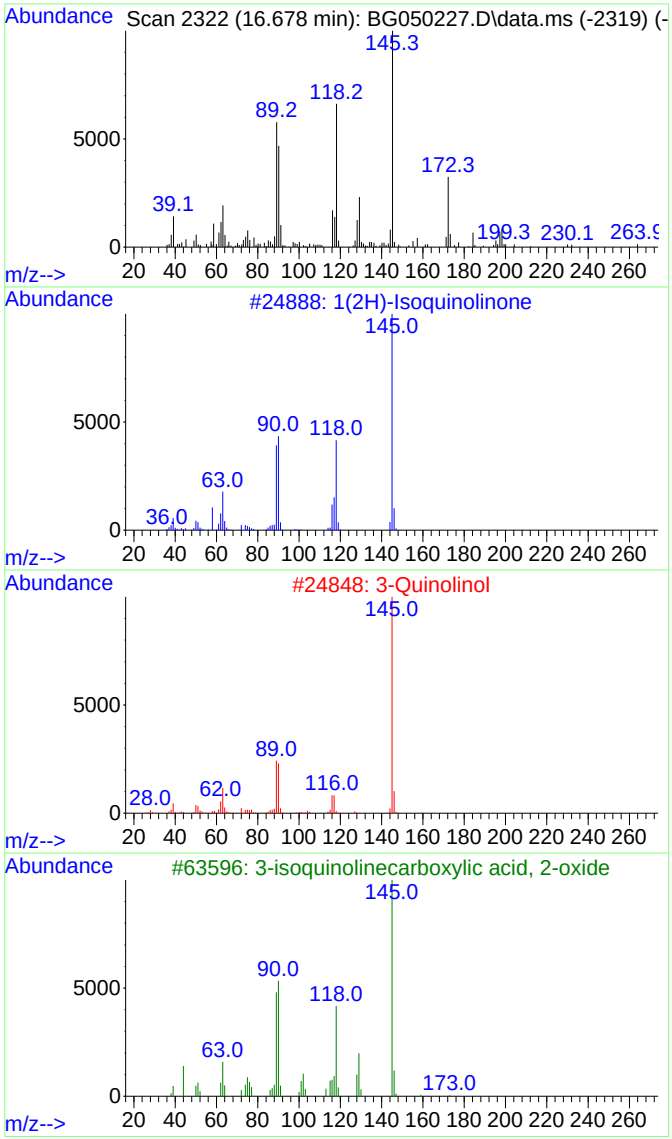
Quant Title : SVOA CALIBRATION

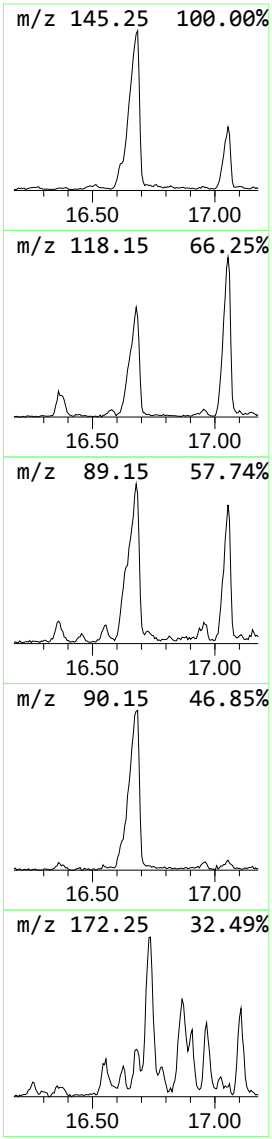
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1(2H)-Isoquinolinone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.678	15.50 ng/ul	555021	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	74
2	3-Quinolinol	145	C9H7NO	000580-18-7	64
3	3-isoquinolinecarboxylic acid, 2...	189	C10H7NO3	1000400-18-8	59
4	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	53
5	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	53





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Sample : M3608-22
Misc :
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Instrument : BNA_G
ClientSampleId : DBKL6

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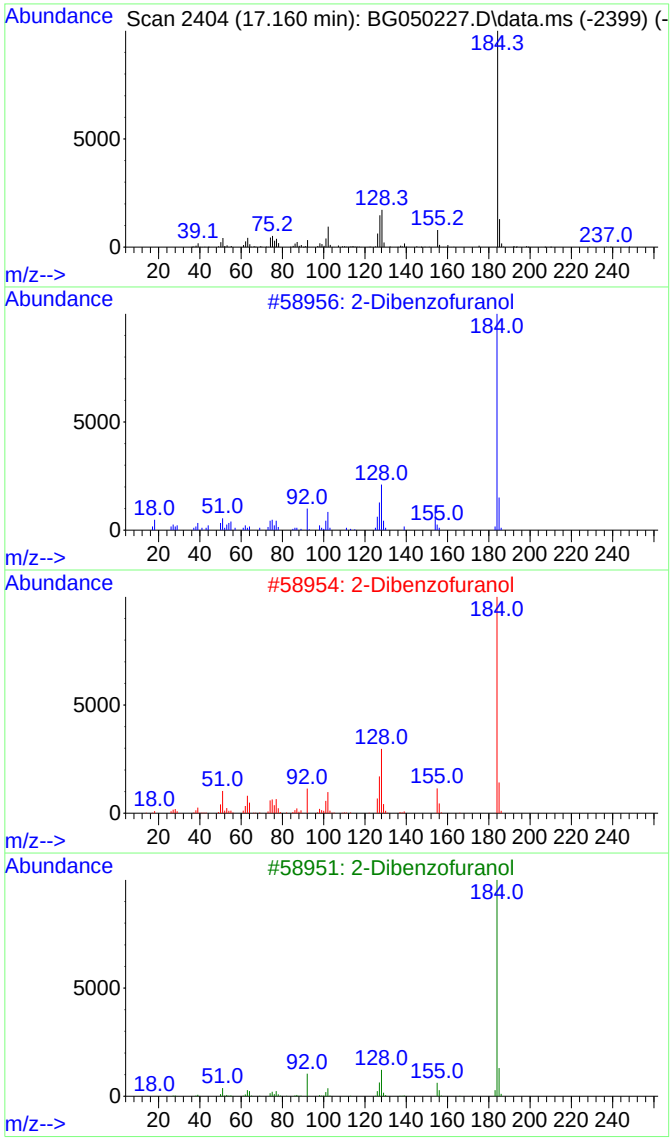
Quant Title : SVOA CALIBRATION

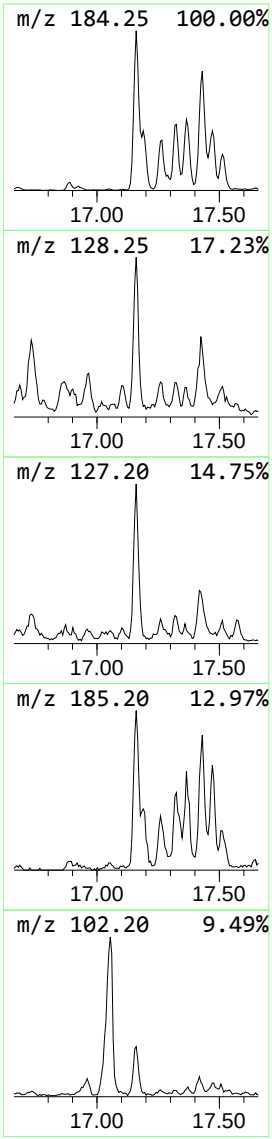
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 2-Dibenzofuranol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.160	11.75 ng/ul	420585	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	86
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	86
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	72





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ClientSampleId :
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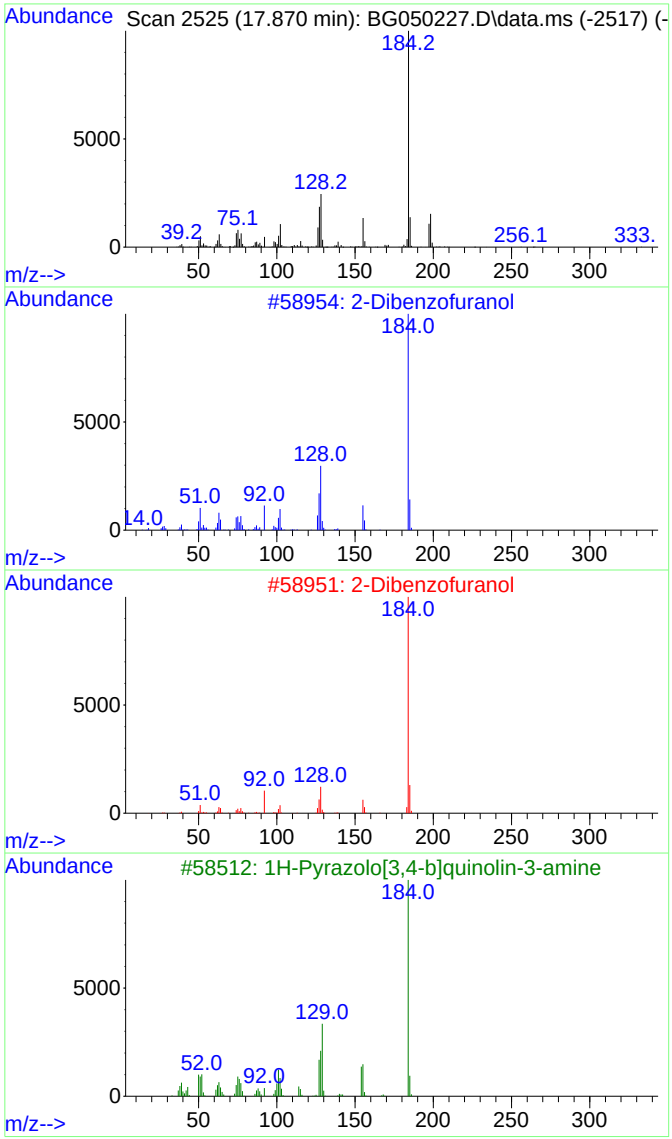
Quant Title : SVOA CALIBRATION

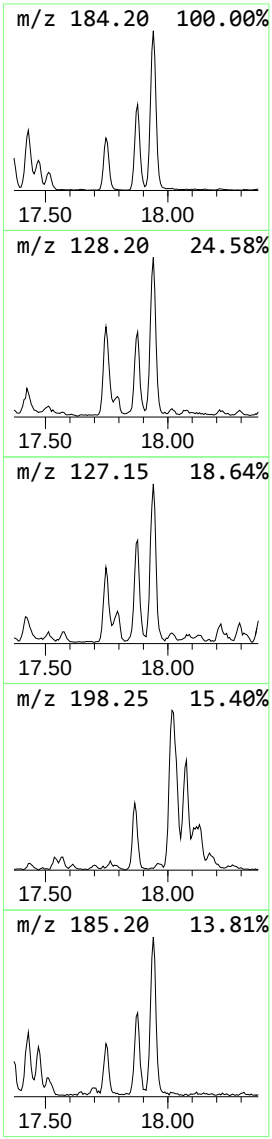
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1H-Pyrazolo[3,4-b]quinolin-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.871	22.71 ng/ul	813261	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	83
3	1H-Pyrazolo[3,4-b]quinolin-3-amine	184	C10H8N4	1000319-54-1	74
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	74
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	64





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Sample : M3608-22
Misc :
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Instrument : BNA_G
ClientSampleId : DBKL6

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Quant Title : SVOA CALIBRATION

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

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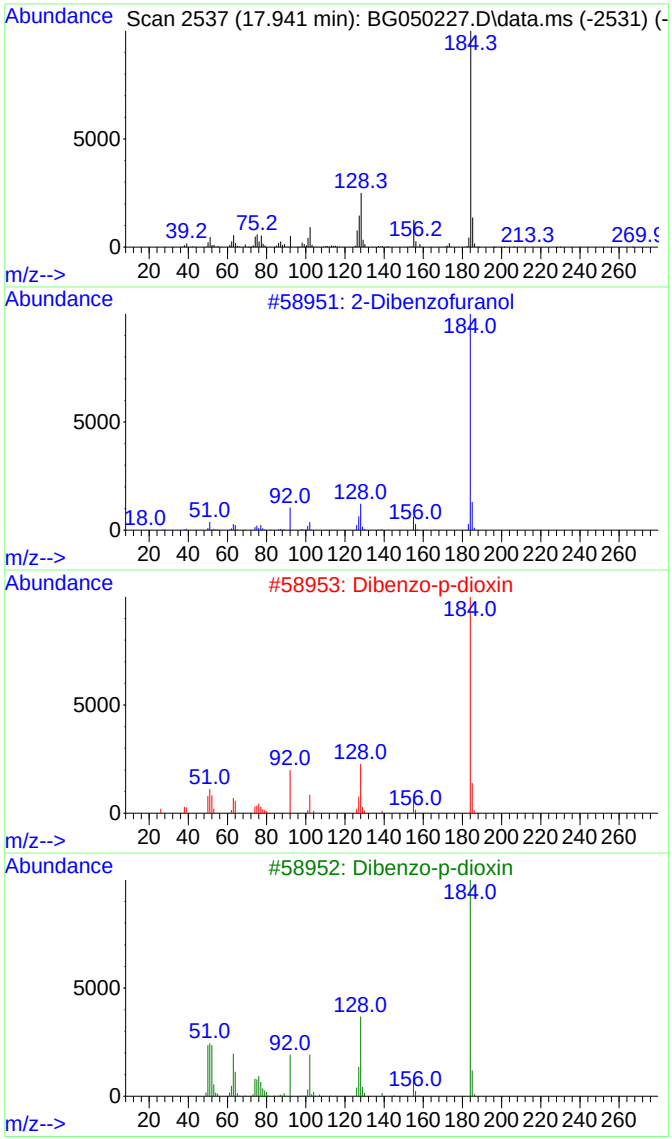
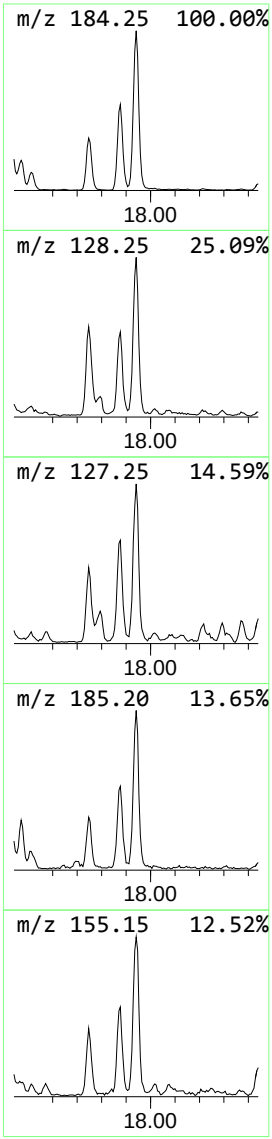
Peak Number 36 Dibenzo-p-dioxin Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.941	33.16 ng/ul	1187510	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	90
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90





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Instrument : BNA_G
ClientSampleId : DBKL6

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Quant Title : SVOA CALIBRATION

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

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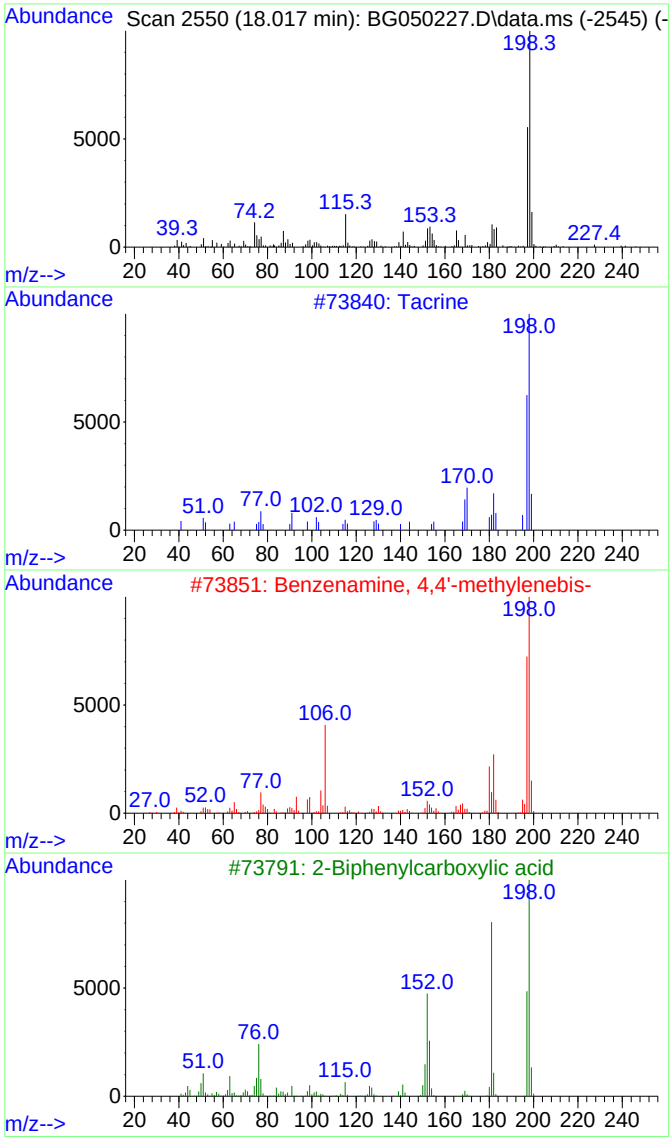
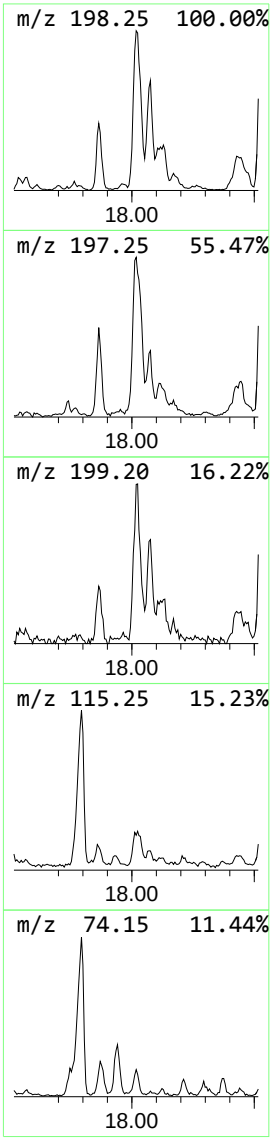
Peak Number 37 Tacrine Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.017	12.89 ng/ul	461629	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tacrine	198	C13H14N2	000321-64-2	72
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
3	2-Biphenylcarboxylic acid	198	C13H10O2	000947-84-2	64
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
5	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	64





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Instrument : BNA_G
ClientSampleId : DBKL6

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Quant Title : SVOA CALIBRATION

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

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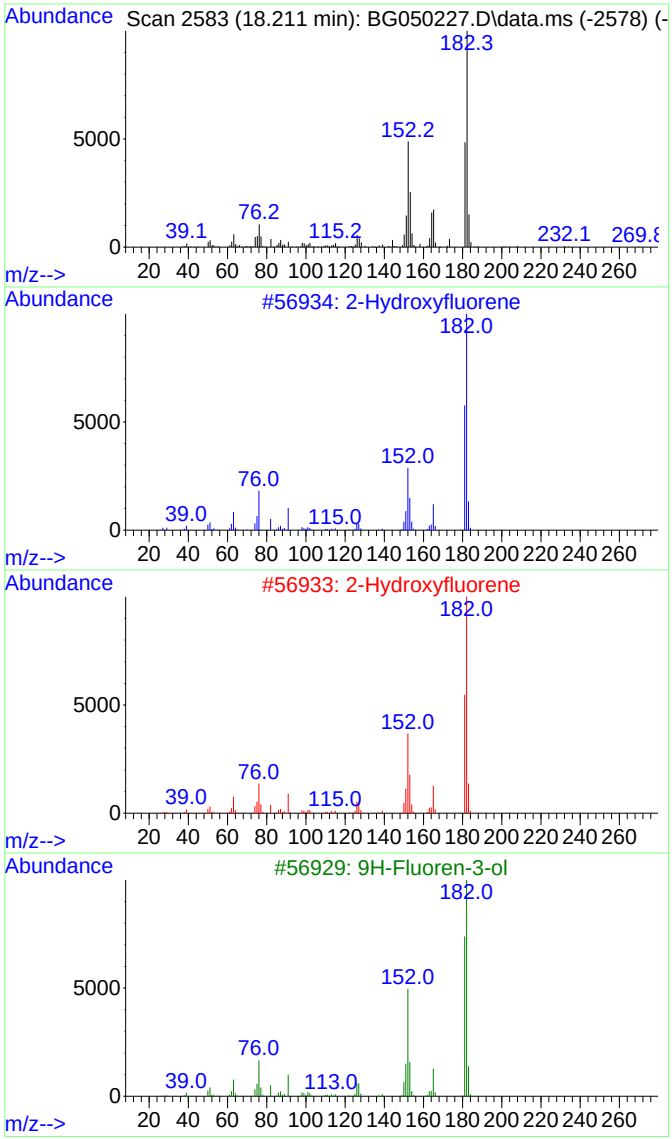
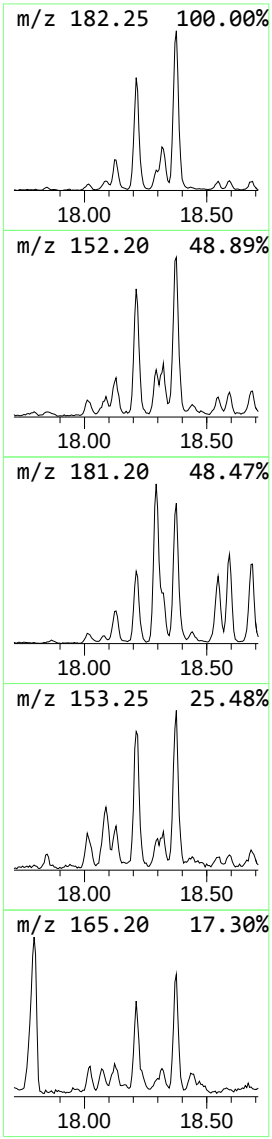
Peak Number 40 9H-Fluoren-3-ol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.211	16.45 ng/ul	589055	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	76
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	59
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	50
5	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	47





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Sample : M3608-22
Misc :
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Instrument : BNA_G
ClientSampleId : DBKL6

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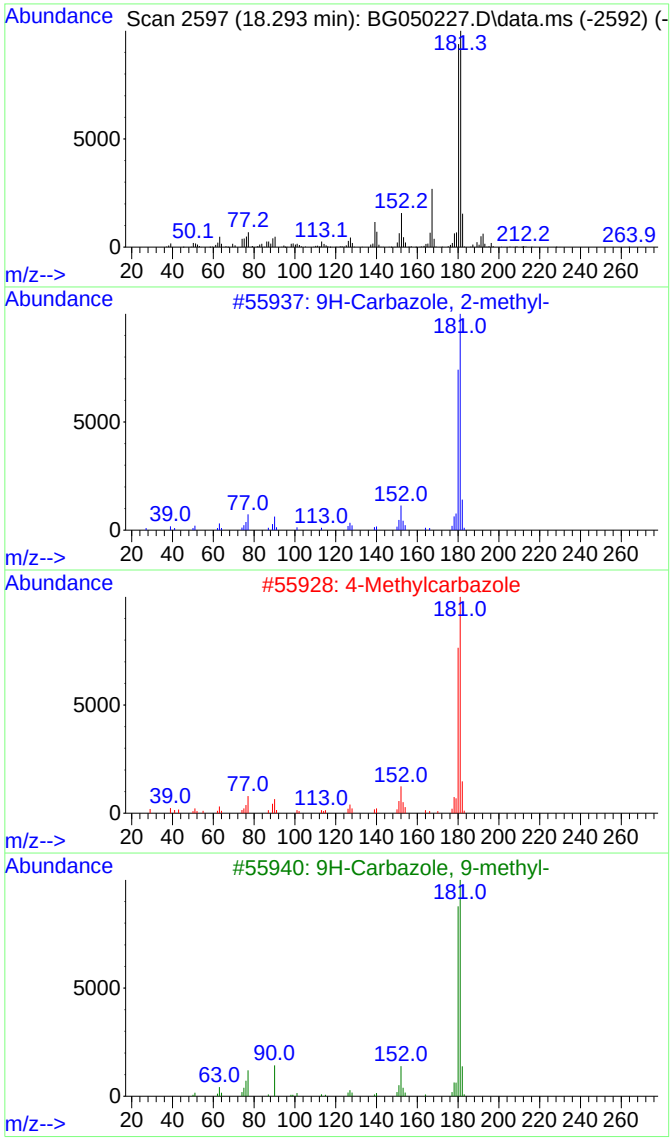
Quant Title : SVOA CALIBRATION

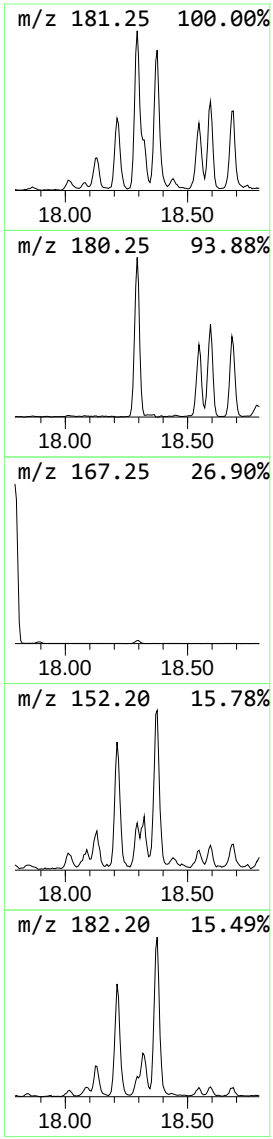
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 9H-Carbazole, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.293	20.40 ng/ul	730651	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	91
2	4-Methylcarbazole	181	C13H11N	003770-48-7	91
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	90
4	3-Methylcarbazole	181	C13H11N	004630-20-0	90
5	4-Methylcarbazole	181	C13H11N	003770-48-7	87





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Sample : M3608-22
Misc :
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Instrument : BNA_G
ClientSampleId : DBKL6

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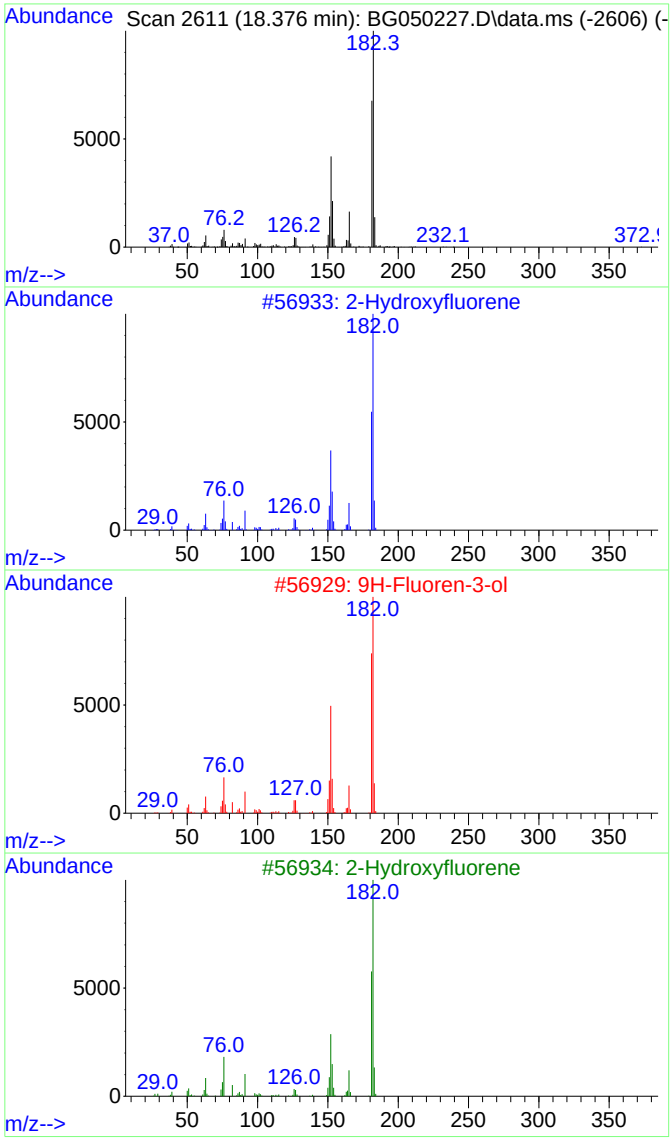
Quant Title : SVOA CALIBRATION

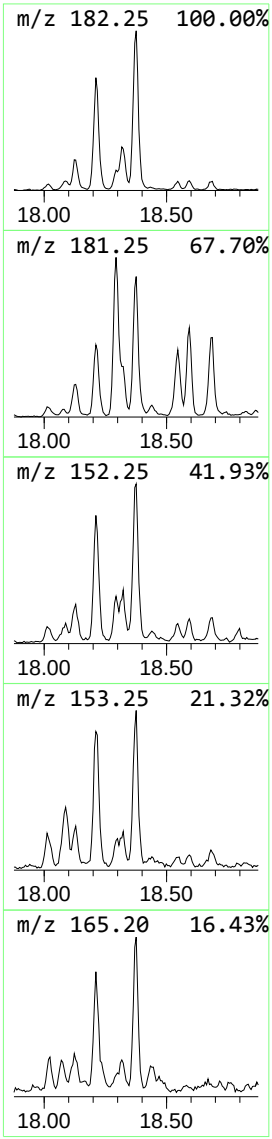
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 2-Hydroxyfluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.376	18.64 ng/ul	667544	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	97
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	95
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74





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Instrument : BNA_G
ClientSampleId : DBKL6

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Quant Title : SVOA CALIBRATION

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

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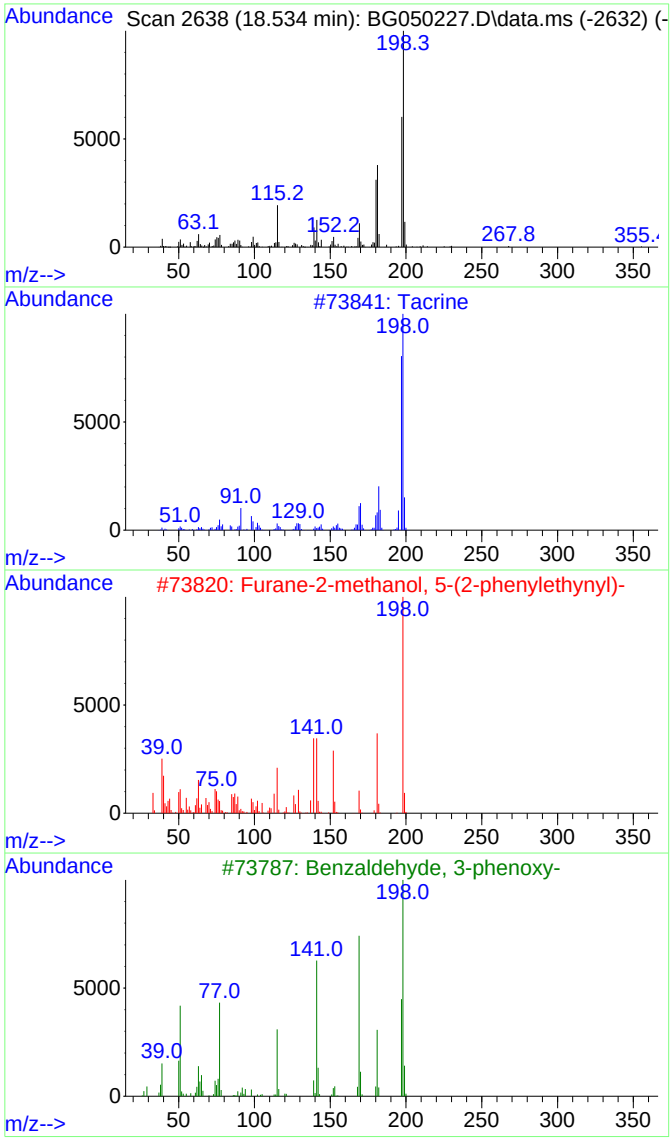
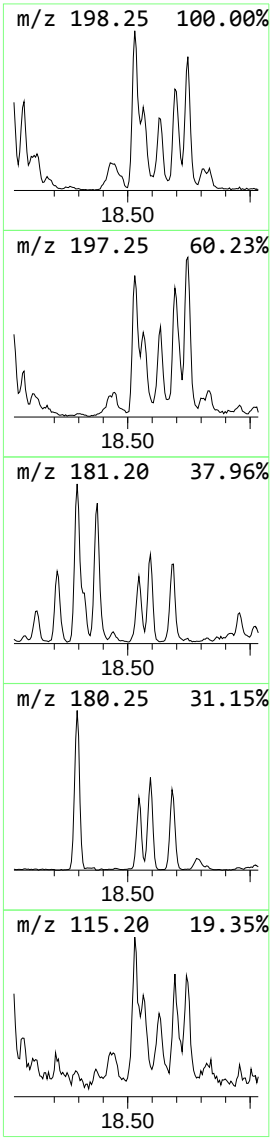
Peak Number 44 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	19.47 ng/ul	697026	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tacrine	198	C13H14N2	000321-64-2	50
2	Furane-2-methanol, 5-(2-phenylet...	198	C13H10O2	130423-84-6	47
3	Benzaldehyde, 3-phenoxy-	198	C13H10O2	039515-51-0	47
4	3-quinolinecarbonitrile, 2-ethyl...	198	C12H10N2O	1000396-02-7	43
5	2,5-Dimethyl-4-(4-aminophenyl)py...	198	C13H14N2	071153-40-7	43





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Quant Title : SVOA CALIBRATION

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

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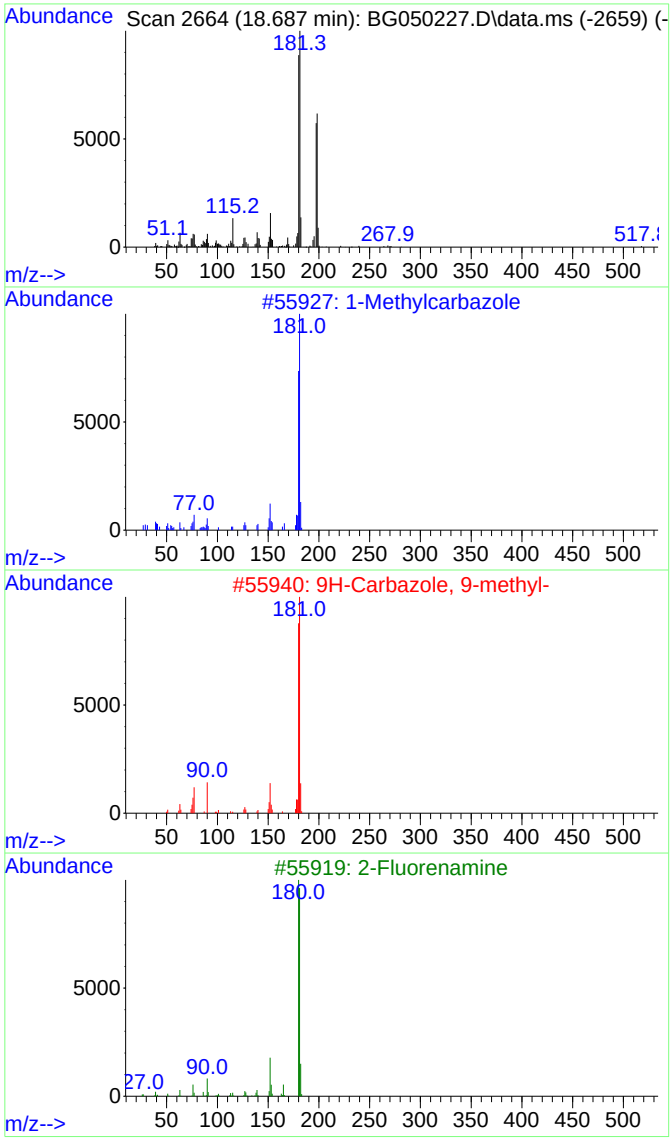
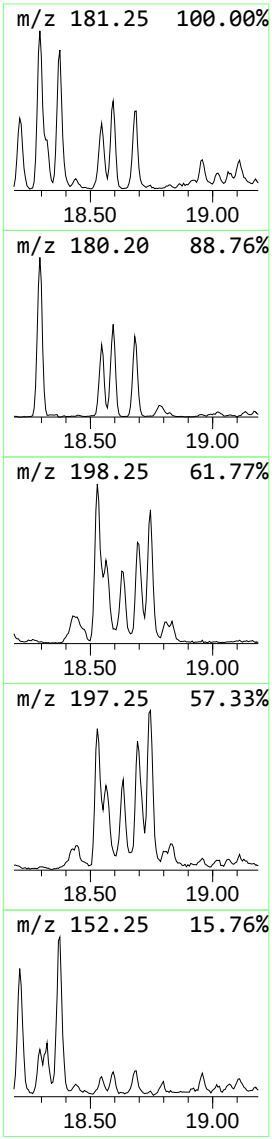
Peak Number 46 1-Methylcarbazole Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	12.77 ng/ul	457347	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcarbazole	181	C13H11N	006510-65-2	83
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	83
3	2-Fluorenamine	181	C13H11N	000153-78-6	64
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	64
5	4-Methylcarbazole	181	C13H11N	003770-48-7	58





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Instrument : BNA_G
ClientSampleId : DBKL6

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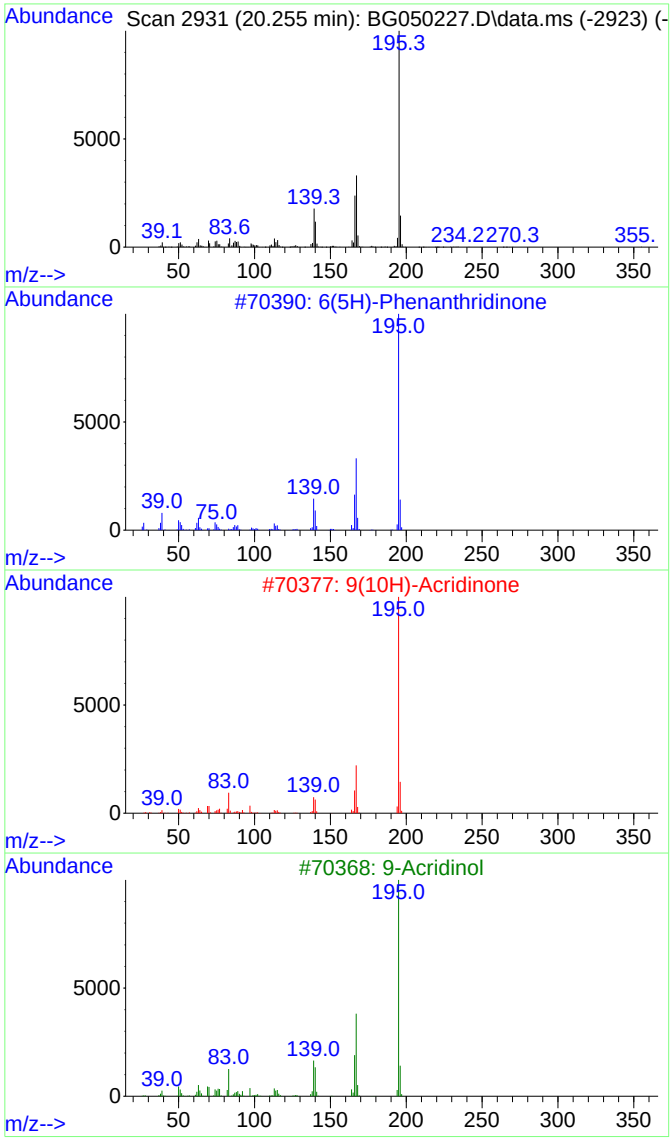
Quant Title : SVOA CALIBRATION

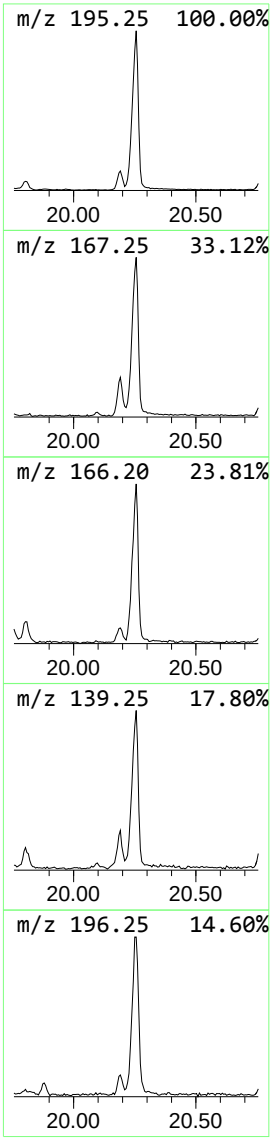
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 6(5H)-Phenanthridinone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.256	28.01 ng/ul	979977	Chrysene-d12	21.636

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	95
3	9-Acridinol	195	C13H9NO	000643-62-9	95
4	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	95
5	3-Acridinol	195	C13H9NO	007132-70-9	94





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Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

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

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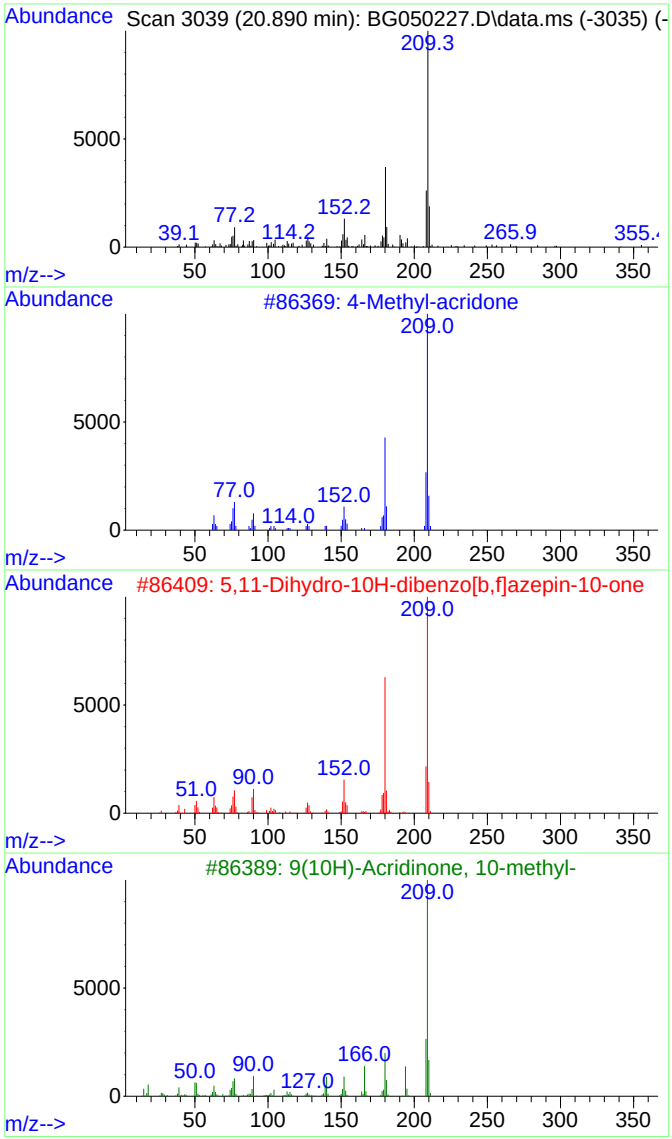
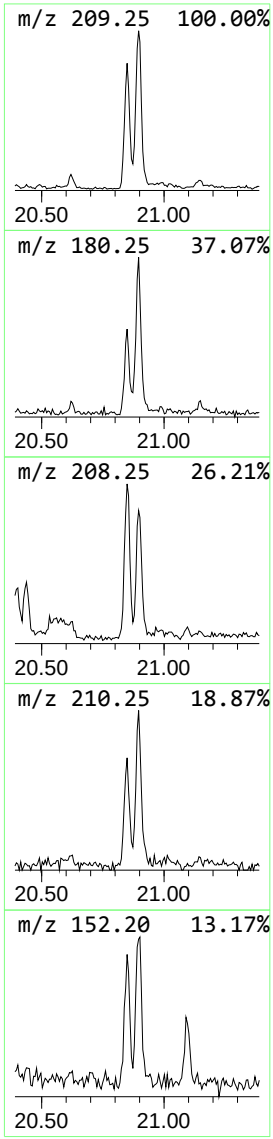
Peak Number 53 4-Methyl-acridone Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.890	9.12 ng/ul	319086	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-acridone	209	C14H11NO	068506-36-5	87
2	5,11-Dihydro-10H-dibenzo[b,f]aze...	209	C14H11NO	021737-58-6	87
3	9(10H)-Acridinone, 10-methyl-	209	C14H11NO	000719-54-0	87
4	4-(1-Benzofuran-2-yl)aniline	209	C14H11NO	000782-18-3	81
5	4-Methyl-acridone	209	C14H11NO	068506-36-5	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050227.D
Acq On : 9 Sep 2021 11:13
Operator : CG/JU
Sample : M3608-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKL6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.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, 1,3-di...	5.552	63.0	ng/ul	858911	1	7.949	272680	20.0
Benzene, 1-ethy...	7.020	29.2	ng/ul	397883	1	7.949	272680	20.0
Mesitylene	7.584	49.2	ng/ul	670393	1	7.949	272680	20.0
Benzofuran	7.661	118.9	ng/ul	1621190	1	7.949	272680	20.0
Benzene, 1,2,3-...	8.060	15.6	ng/ul	212800	1	7.949	272680	20.0
Indane	8.319	145.7	ng/ul	1986430	1	7.949	272680	20.0
Indene	8.495	435.5	ng/ul	5938000	1	7.949	272680	20.0
Benzonitrile, 4...	8.800	17.3	ng/ul	235681	1	7.949	272680	20.0
Benzofuran, 7-m...	9.311	23.1	ng/ul	314731	1	7.949	272680	20.0
7-Methylindan-1...	13.800	49.6	ng/ul	1833200	3	14.610	738720	20.0
Naphthalene, 1,...	13.929	19.1	ng/ul	703605	3	14.610	738720	20.0
1-Naphthaleneca...	14.757	30.5	ng/ul	1126870	3	14.610	738720	20.0
Phenol, 2,3,5,6...	15.180	221.9	ng/ul	8197050	3	14.610	738720	20.0
2-Naphthyl meth...	15.897	16.5	ng/ul	608539	3	14.610	738720	20.0
1(2H)-Acenaphth...	16.361	20.1	ng/ul	717894	4	17.371	716153	20.0
3-Hydroxybiphenyl	16.549	13.2	ng/ul	473948	4	17.371	716153	20.0
p-Hydroxybiphenyl	16.631	23.8	ng/ul	851375	4	17.371	716153	20.0
1(2H)-Isoquinol...	16.678	15.5	ng/ul	555021	4	17.371	716153	20.0
2-Dibenzofuranol	17.160	11.8	ng/ul	420585	4	17.371	716153	20.0
1H-Pyrazolo[3,4...	17.871	22.7	ng/ul	813261	4	17.371	716153	20.0
Dibenzo-p-dioxin	17.941	33.2	ng/ul	1187510	4	17.371	716153	20.0
Tacrine	18.017	12.9	ng/ul	461629	4	17.371	716153	20.0
9H-Fluoren-3-ol	18.211	16.4	ng/ul	589055	4	17.371	716153	20.0
9H-Carbazole, 2...	18.293	20.4	ng/ul	730651	4	17.371	716153	20.0
2-Hydroxyfluorene	18.376	18.6	ng/ul	667544	4	17.371	716153	20.0
unknown-01	18.534	19.5	ng/ul	697026	4	17.371	716153	20.0
1-Methylcarbazole	18.687	12.8	ng/ul	457347	4	17.371	716153	20.0
6(5H)-Phenanthr...	20.256	28.0	ng/ul	979977	5	21.636	699651	20.0
4-Methyl-acridone	20.890	9.1	ng/ul	319086	5	21.636	699651	20.0