LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

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-BG081921.M
Title : SVOA CALIBRATION

Signal : TIC: BG050064.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.084	171	178	193	rVB	292618	533836	1.20%	0.332%
2	5.435	401	408	419	rBV	627781	1054116	2.38%	0.655%
3	5.570	424	431	443	rBV	407688	891124	2.01%	0.554%
4	5.946	485	495	505	rBV	318275	614384	1.39%	0.382%
5	7.174	699	704	711	rVV	156074	269125	0.61%	0.167%
6	7.603	770	777	784	rVV	391890	691162	1.56%	0.430%
7	7.685	784	791	798	rVB	1055865	1869728	4.22%	1.162%
8	8.079	851	858	865	rBV	156962	284980	0.64%	0.177%
9	8.343	895	903	913	rVB	3416153	6337926	14.30%	3.939%
10	8.513	918	932	941	rVV	3151629	5621403	12.68%	3.493%
11	8.819	976	984	990	rBV	399183	730525	1.65%	0.454%
12	9.148	1032	1040	1046	rBV2	209409	455742	1.03%	0.283%
13	9.330	1062	1071	1078	rBV	229040	396761	0.90%	0.247%
14	9.453	1078	1092	1098	rBV	543866	1283698	2.90%	0.798%
15	9.512	1098	1102	1112	rVV	164695	285892	0.65%	0.178%
16	10.023	1183	1189	1195	rBV	198494	341096	0.77%	0.212%
17	10.176	1203	1215	1227	rBV3	379608	1052927	2.38%	0.654%
18	10.282	1227	1233	1245	rVB	115722	331622	0.75%	0.206%
19	10.417	1245	1256	1265	rBV2	425026	935761	2.11%	0.582%
20	10.505	1265	1271	1278	rVB3	127940	282377	0.64%	0.175%
21	10.681	1292	1301	1310	rBV	359740	673616	1.52%	0.419%
22	10.916	1320	1341	1345	rVV	11766063	44319875	100.00%	27.543%
23	10.992	1348	1354	1364	rVB	2778386	4626639	10.44%	2.875%
24	11.874	1499	1504	1512	rVV5	107501	294049	0.66%	0.183%
25	12.138	1533	1549	1553	rBV3	124229	342941	0.77%	0.213%
26	12.191	1553	1558	1563	rVB	195464	332258	0.75%	0.206%
27	12.344	1576	1584	1589	rBV3	265673	503890	1.14%	0.313%
28	12.449	1595	1602	1609	rVB	1014220	1703820	3.84%	1.059%
29	12.579	1618	1624	1629	rVB2	153067	317504	0.72%	0.197%
30	12.678	1629	1641	1648	rVB	3199859	6068799	13.69%	3.772%
31	12.825	1661	1666	1671	rBV2	461204	905197	2.04%	0.563%
32	13.037	1697	1702	1708	rBV2	233518	371991	0.84%	0.231%
33	13.101	1708	1713	1717	rBV4	313100	635812	1.43%	0.395%
34	13.142	1717	1720	1726	rVB3	367056	605968	1.37%	0.377%
35	13.354	1749	1756	1763	rVV	1218476	2164378	4.88%	1.345%
36	13.454	1763	1773	1784	rVV	1095415	2140686	4.83%	1.330%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

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-BG081921.M
Title : SVOA CALIBRATION

37	13.630	1798	1803	1804	rVV2	189705	289418	0.65%	0.180%
38	13.659	1804	1808	1817	rVB3	608841	1228151	2.77%	0.763%
39	13.789	1821	1830	1840	rBV7	473482	1452217	3.28%	0.903%
40	13.947	1851	1857	1862	rVV2	462802	954752	2.15%	0.593%
41	14.000	1862	1866	1869	rVV	306621	515727	1.16%	0.321%
42	14.035	1869	1872	1878	rVB	300961	466197	1.05%	0.290%
43	14.182	1892	1897	1901	rBV	233804	387716	0.87%	0.241%
44	14.323	1914	1921	1923	rBV	362769	655007	1.48%	0.407%
45	14.347	1923	1925	1934	rVB	433861	648109	1.46%	0.403%
46	14.499	1945	1951	1960	rBV3	176489	346136	0.78%	0.215%
47	14.599	1960	1968	1970	rBV2	202061	409591	0.92%	0.255%
48	14.635	1970	1974	1979	rVV3	228540	475091	1.07%	0.295%
49	14.705	1979	1986	1991	rVB	3617457	6043549	13.64%	3.756%
50	14.770	1991	1997	2002	rBV	874205	1395262	3.15%	0.867%
51	14.828	2002	2007	2011	rVV	573180	958835	2.16%	0.596%
52	14.905	2015	2020	2028	rVB2	836393	1465233	3.31%	0.911%
53	15.034	2035	2042	2051	rVV	1842152	3144774	7.10%	1.954%
54	15.187	2061	2068	2073	rBV	1265334	1954249	4.41%	1.214%
55	15.263	2078	2081	2087	rVB2	315384	461361	1.04%	0.287%
56	15.416	2102	2107	2116	rBV6	121113	295350	0.67%	0.184%
57	15.621	2137	2142	2147	rBV	415331	604333	1.36%	0.376%
58	15.686	2147	2153	2159	rVB	1964350	3077727	6.94%	1.913%
59	15.780	2159	2169	2174	rBV	1591079	3131600	7.07%	1.946%
60	15.827	2174	2177	2183	rVB	717309	1276106	2.88%	0.793%
61	15.921	2183	2193	2199	rVB5	479127	1377895	3.11%	0.856%
62	16.068	2213	2218	2221	rBV	236447	405414	0.91%	0.252%
63	16.109	2221	2225	2239	rVB4	309908	756533	1.71%	0.470%
64	16.373	2264	2270	2273	rBV3	350349	673240	1.52%	0.418%
65	16.567	2294	2303	2310	rVV	696429	1276134	2.88%	0.793%
66	16.644	2310	2316	2321	rVV	983465	1535765	3.47%	0.954%
67	16.743	2328	2333	2338	rVB	242938	442602	1.00%	0.275%
68	16.884	2350	2357	2363	rBV6	123568	335057	0.76%	0.208%
69	16.961	2364	2370	2375	rVB	245651	490476	1.11%	0.305%
70	17.049	2378	2385	2389	rBV	1243648	1905573	4.30%	1.184%
71	17.172	2401	2406	2410	rBV	522224	808378	1.82%	0.502%
72	17.272	2419	2423	2426	rBV	232338	361555	0.82%	0.225%
73	17.302	2426	2428	2431	rVV2	242013	326018	0.74%	0.203%
74	17.337	2431	2434	2438	rVV	331692	470233	1.06%	0.292%
75	17.384	2438	2442	2445	rVV2	393223	627410	1.42%	0.390%
76	17.431	2445	2450	2456	rVV2	1459733	2721175	6.14%	1.691%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

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-BG081921.M
Title : SVOA CALIBRATION

77	17.484	2456	2459	2463	rVV	509875	819791	1.85%	0.509%
78	17.525	2463	2466	2470	rVV2	329344	509162	1.15%	0.316%
79	17.589	2473	2477	2482	rVV4	158608	275572	0.62%	0.171%
80	17.818	2502	2516	2521	rBV	3995383	8594634	19.39%	5.341%
81	17.895	2521	2529	2535	rVV	961506	1778755	4.01%	1.105%
82	17.959	2535	2540	2546	rVB	1280384	1954659	4.41%	1.215%
83	18.036	2547	2553	2558	rBV	272413	557927	1.26%	0.347%
84	18.142	2566	2571	2576	rVV2	203827	398931	0.90%	0.248%
85	18.230	2582	2586	2595	rVB	551875	938482	2.12%	0.583%
86	18.312	2595	2600	2609	rBV2	572791	1132556	2.56%	0.704%
87	18.394	2609	2614	2620	rBV	781149	1141415	2.58%	0.709%
88	18.459	2620	2625	2630	rBV2	177981	270658	0.61%	0.168%
89	18.547	2635	2640	2648	rVV2	308629	871198	1.97%	0.541%
90	18.611	2648	2651	2654	rVV	233872	338509	0.76%	0.210%
91	18.706	2662	2667	2672	rVV2	328143	570527	1.29%	0.355%
92	18.758	2672	2676	2681	rVB	211803	300326	0.68%	0.187%
93	19.775	2844	2849	2853	rVV	558615	848213	1.91%	0.527%
94	19.816	2853	2856	2865	rVB	210662	355741	0.80%	0.221%
95	20.180	2913	2918	2925	rBV	153415	272917	0.62%	0.170%
96	20.262	2925	2932	2940	rVB	400141	675176	1.52%	0.420%
97	20.908	3037	3042	3050	rVB2	158964	308473	0.70%	0.192%
98	21.654	3163	3169	3175	rBV	242576	400171	0.90%	0.249%
99	24.668	3672	3682	3691	rVB2	271614	747580	1.69%	0.465%
100	24.885	3708	3719	3730	rBV	143142	427504	0.96%	0.266%

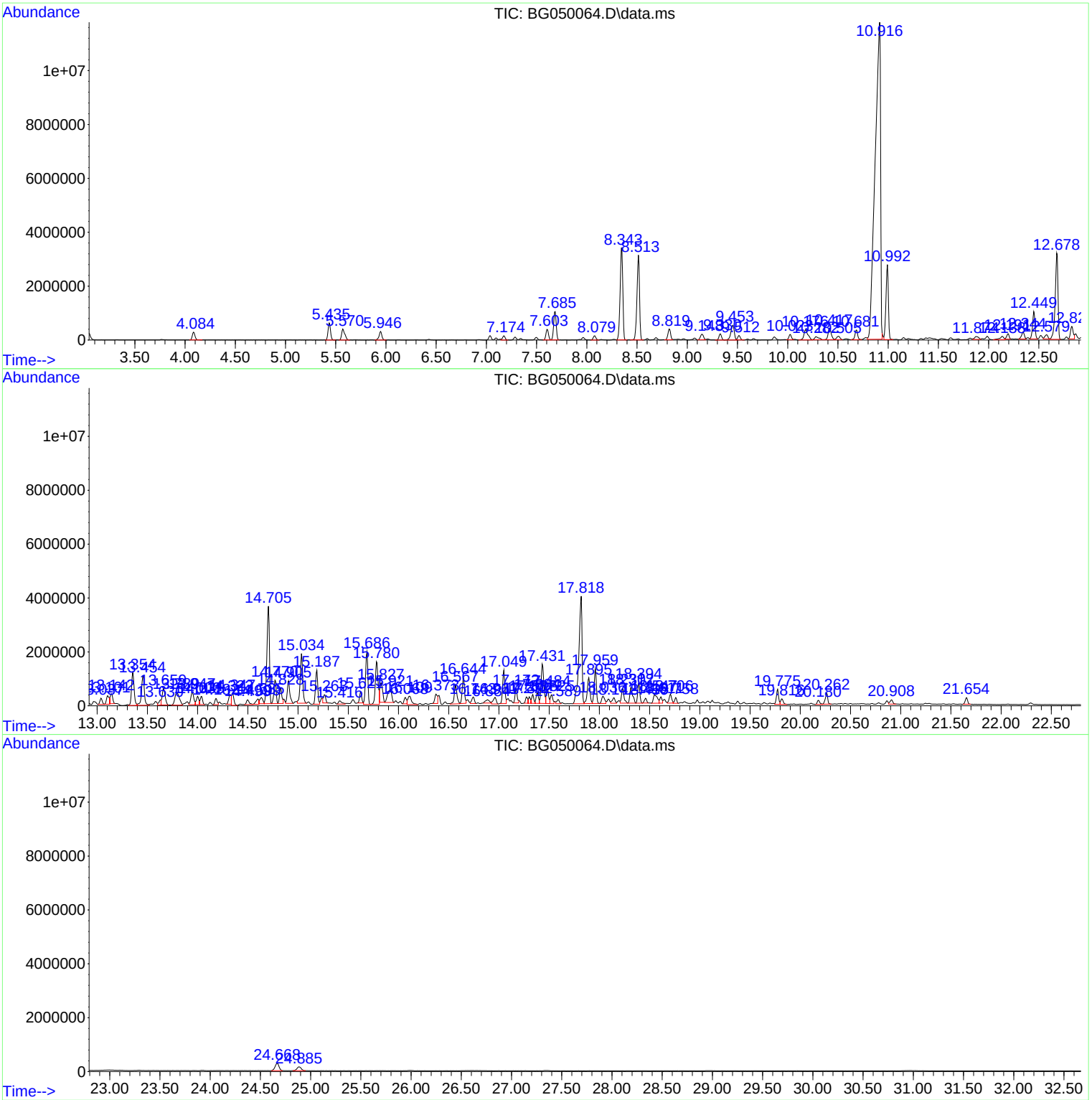
Sum of corrected areas: 160910434

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

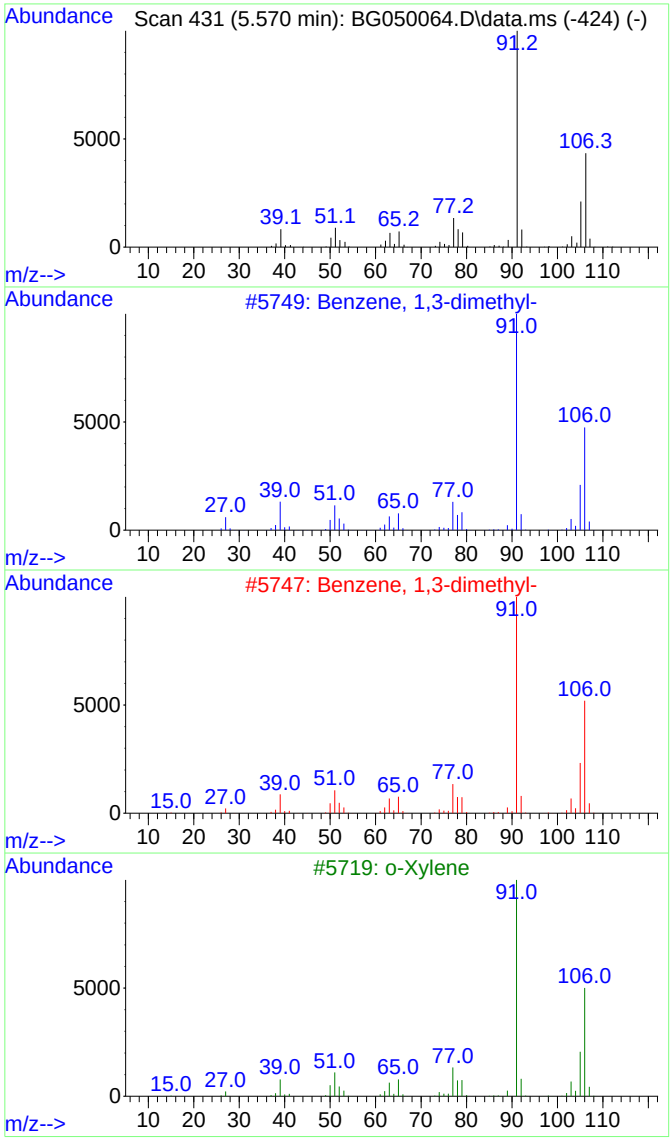
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

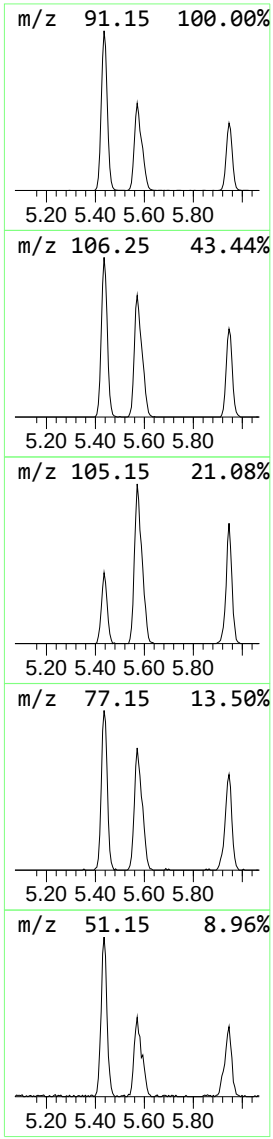
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.570	62.54 ng/ul	891124	1,4-Dichlorobenzene-d4	7.961

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

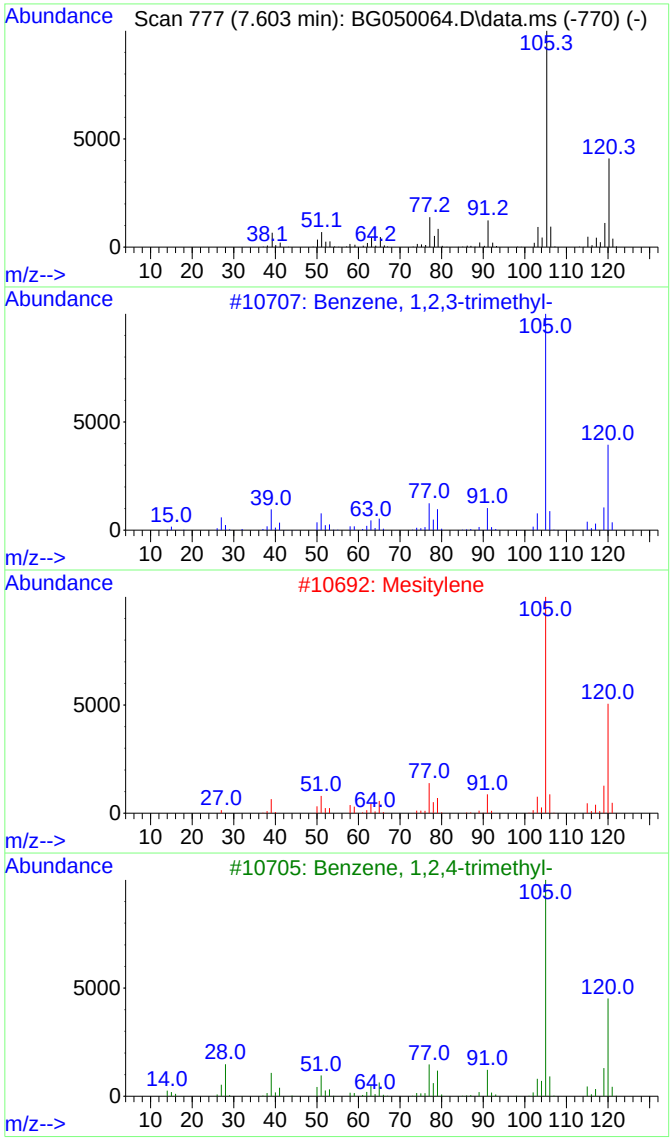
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

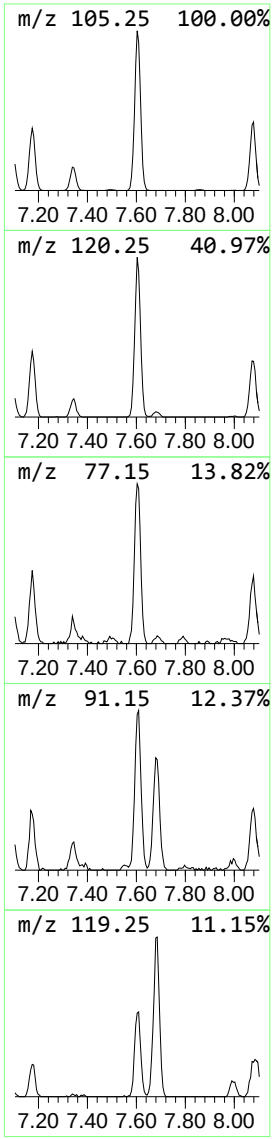
****

Peak Number 5 Mesitylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.603	48.51 ng/ul	691162	1,4-Dichlorobenzene-d4	7.961

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

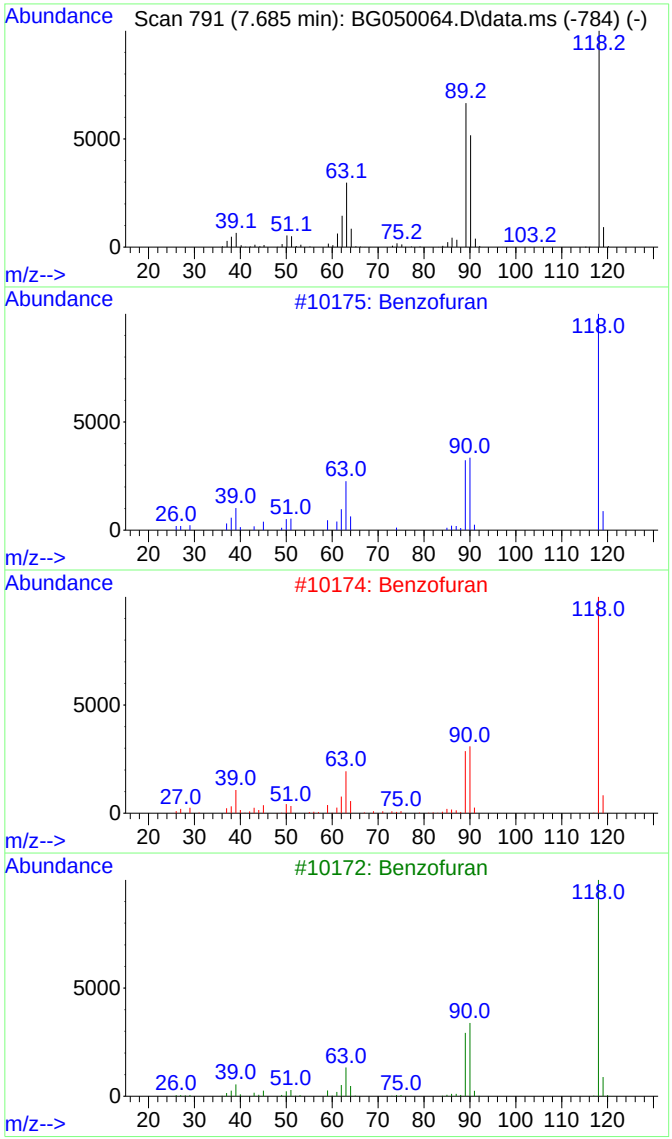
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

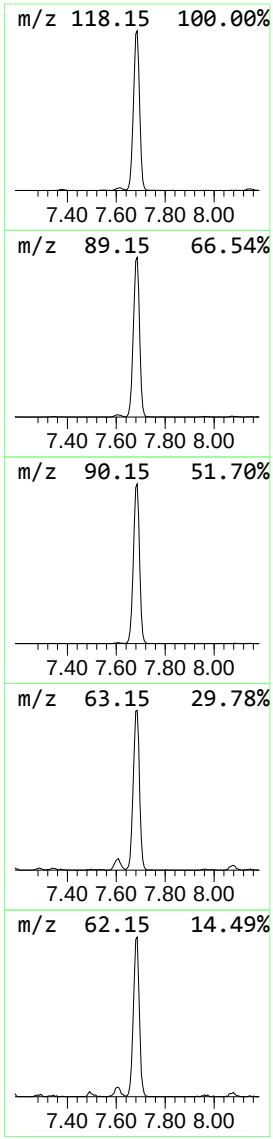
****

Peak Number 6 Benzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.685	131.22 ng/ul	1869730	1,4-Dichlorobenzene-d4	7.961

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	91
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
5	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

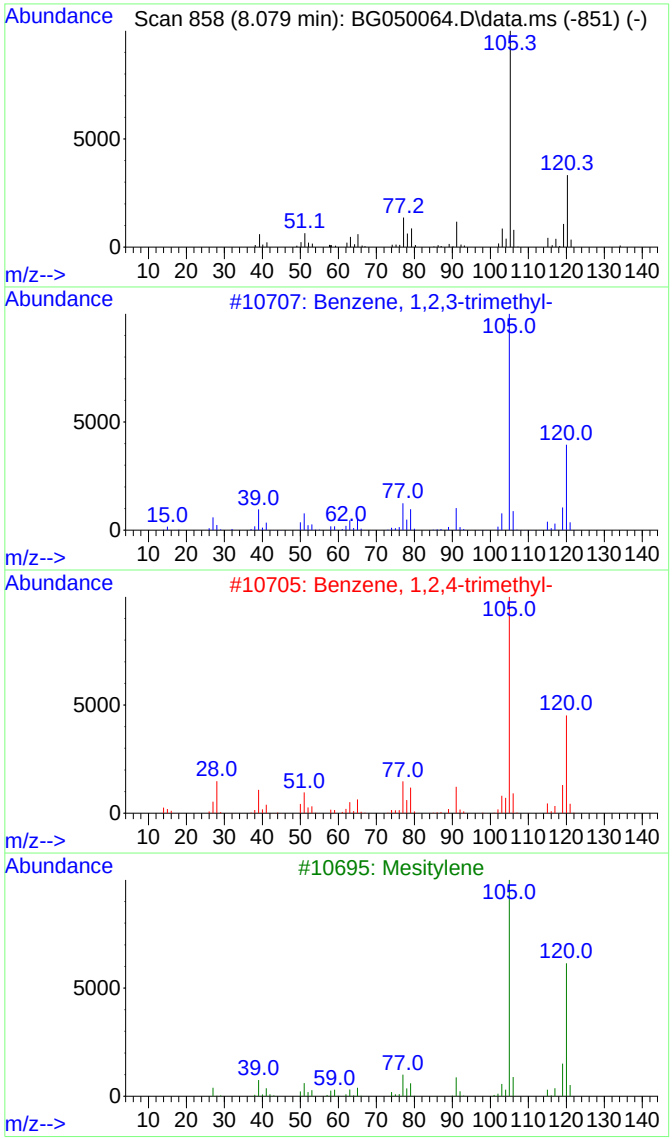
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

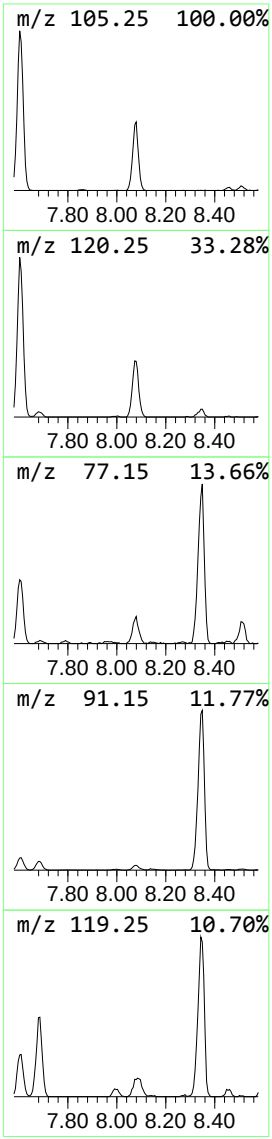
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.079	20.00 ng/ul	284980	1,4-Dichlorobenzene-d4	7.961

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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

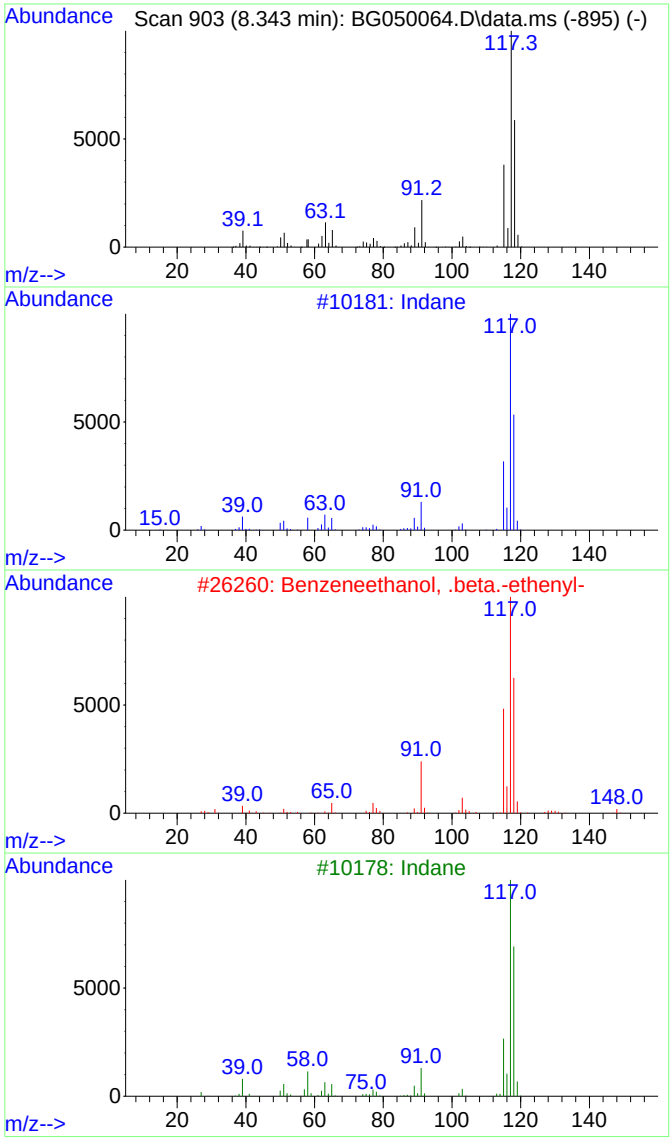
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

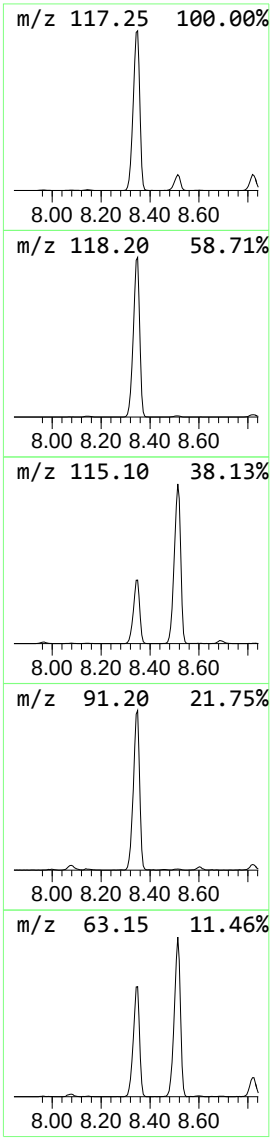
****

Peak Number 8 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.343	444.80 ng/ul	6337930	1,4-Dichlorobenzene-d4	7.961

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72
3	Indane	118	C9H10	000496-11-7	70
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





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Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBKF9

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Quant Title : SVOA CALIBRATION

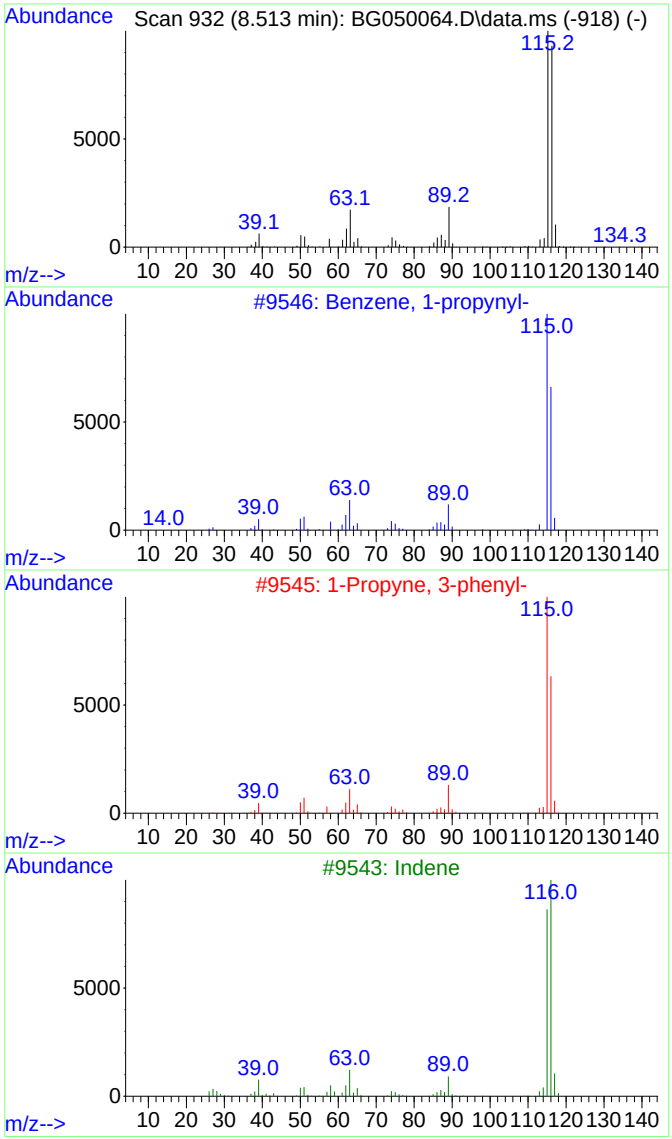
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

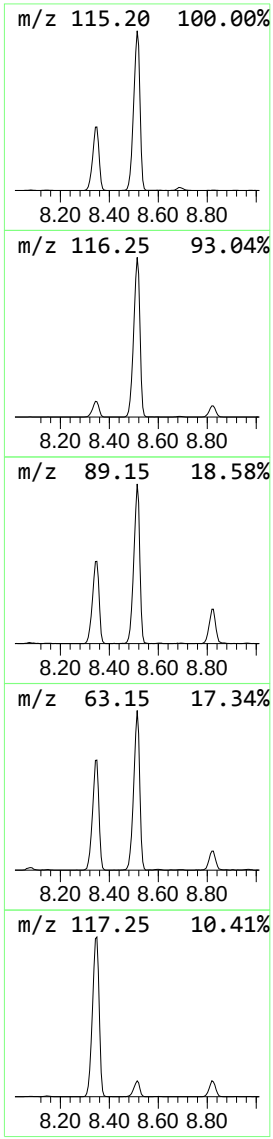
****

Peak Number 9 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.513	394.51 ng/ul	5621400	1,4-Dichlorobenzene-d4	7.961

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





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Sample : M3464-06
Misc :
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Instrument : BNA_G
ClientSampleId : DBKF9

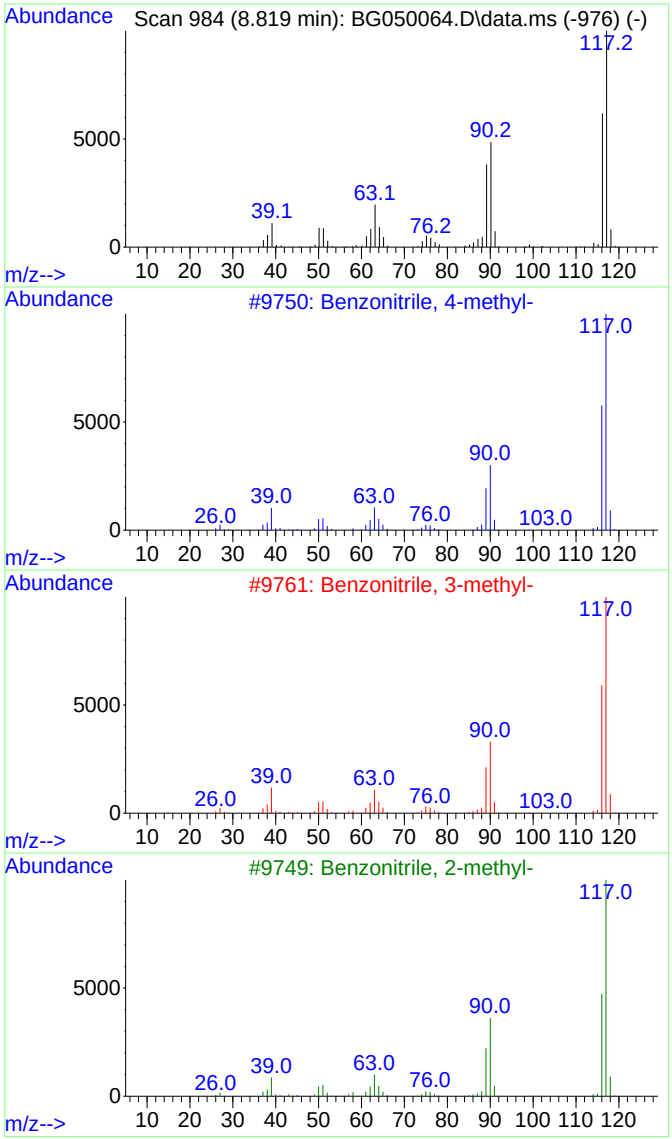
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

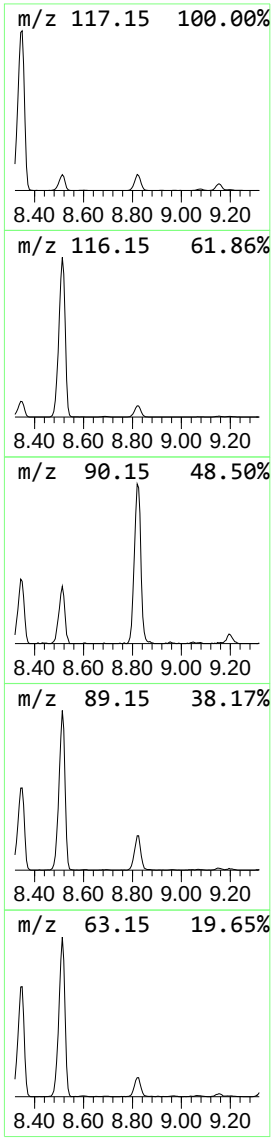
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzonitrile, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.819	51.27 ng/ul	730525	1,4-Dichlorobenzene-d4	7.961

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	96
3	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	96
4	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	96
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	96





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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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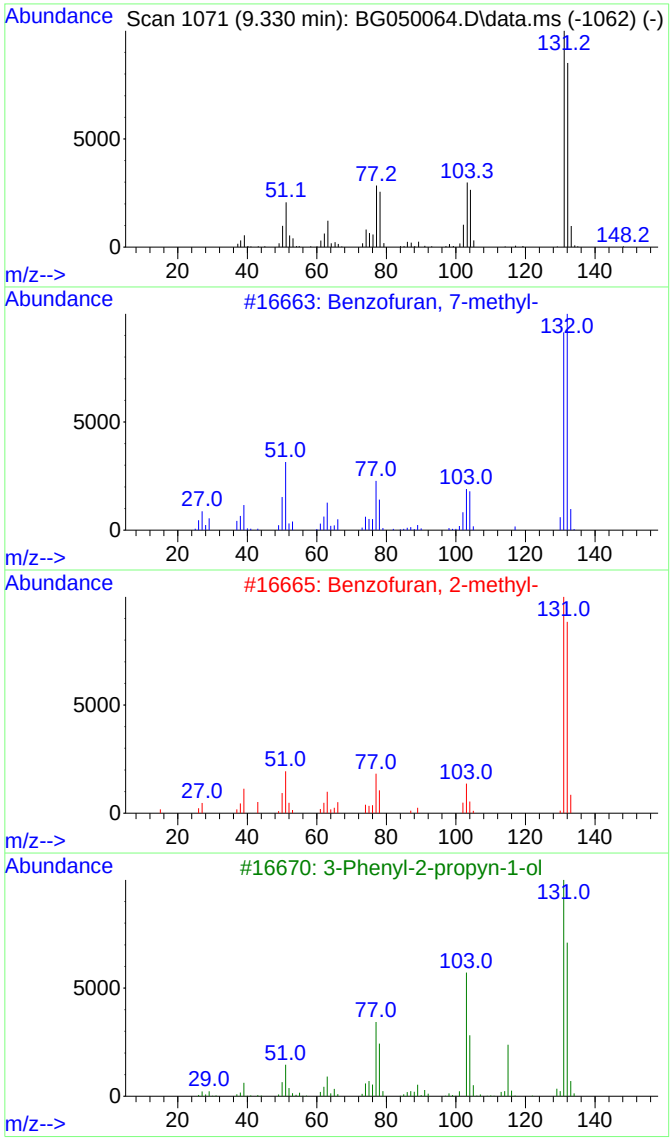
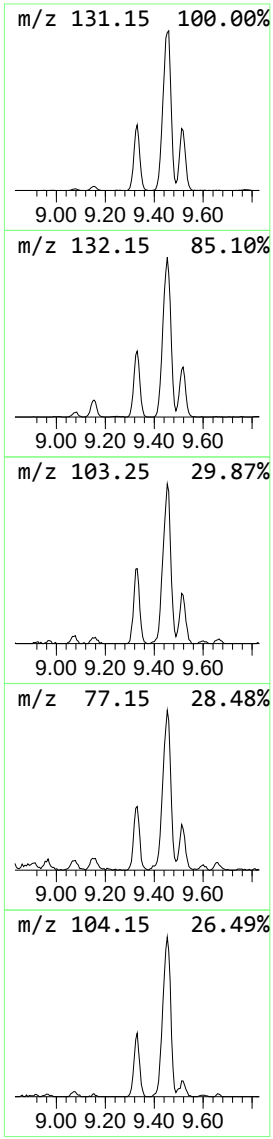
Peak Number 11 Benzofuran, 7-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.330	27.84 ng/ul	396761	1,4-Dichlorobenzene-d4	7.961

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	90
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





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Sample : M3464-06
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ALS Vial : 38 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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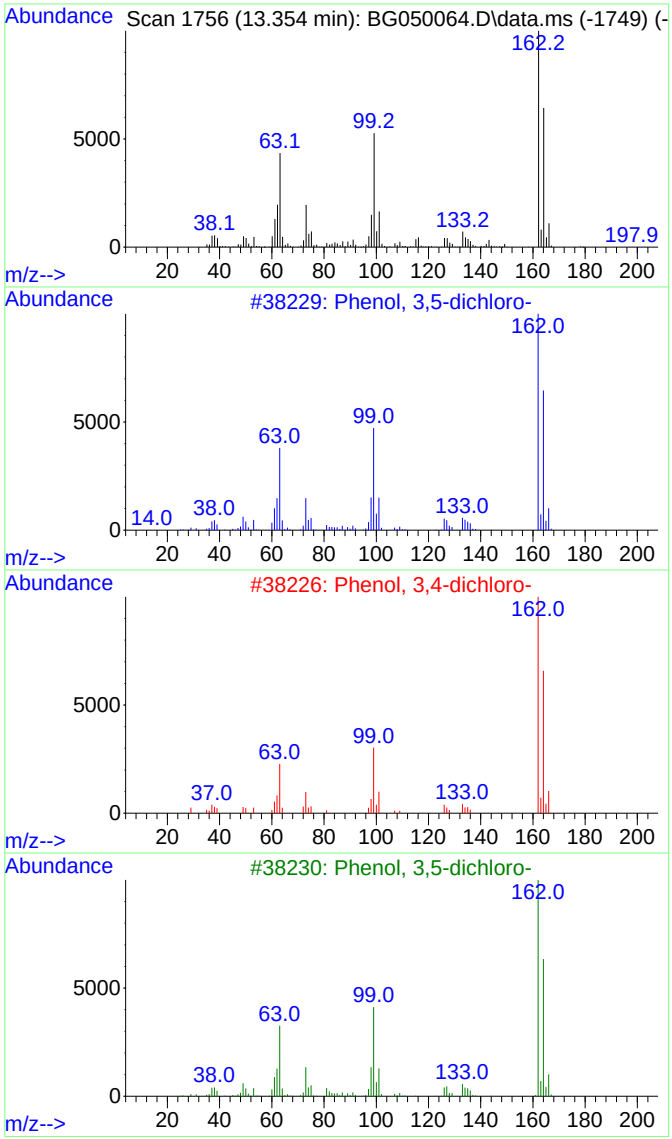
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

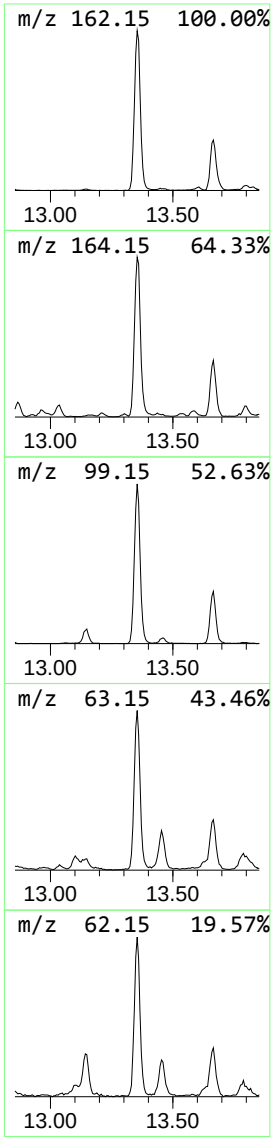
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenol, 3,5-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.354	91.11 ng/ul	2164380	Acenaphthene-d10	14.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	94
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	91





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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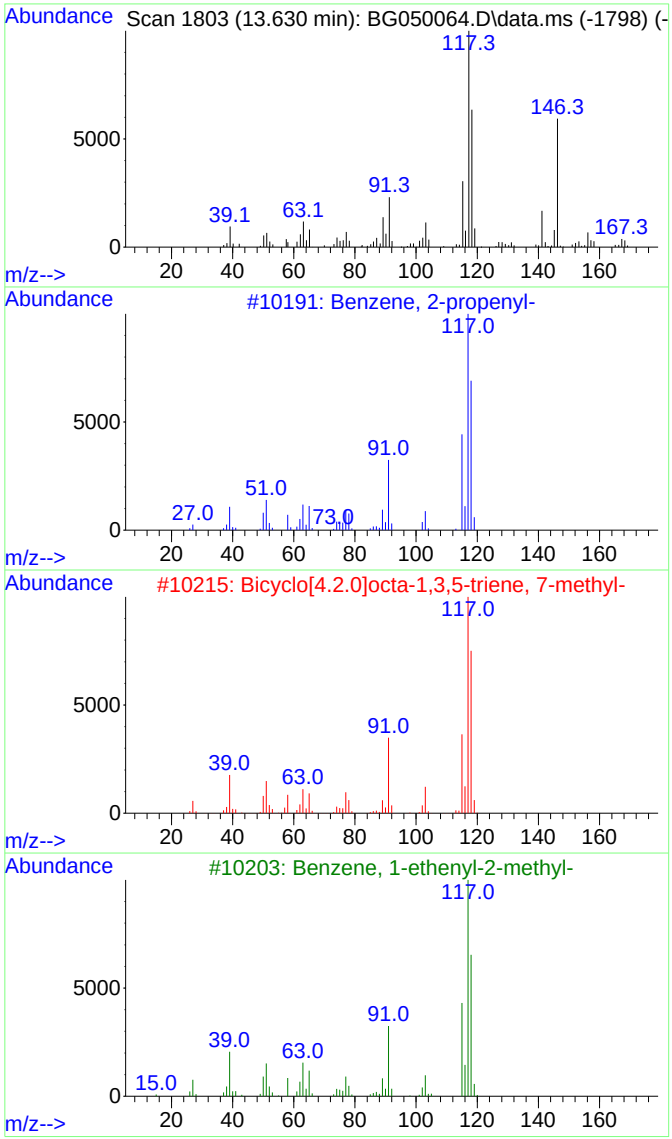
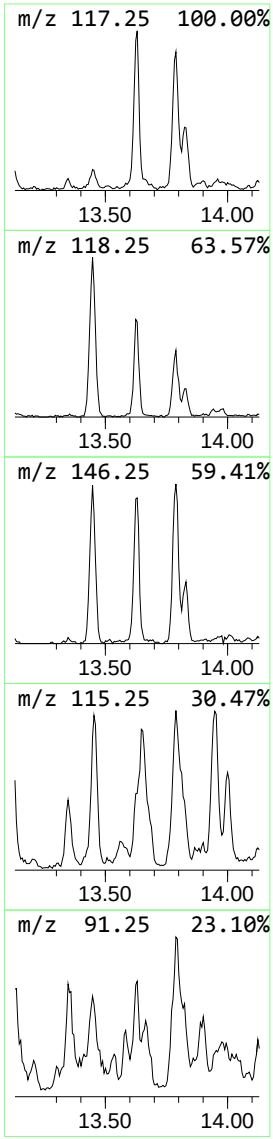
Peak Number 15 Benzene, 2-propenyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.630	12.18 ng/ul	289418	Acenaphthene-d10	14.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	78
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	78
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
5	Indane	118	C9H10	000496-11-7	60





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Instrument : BNA_G
ClientSampleId : DBKF9

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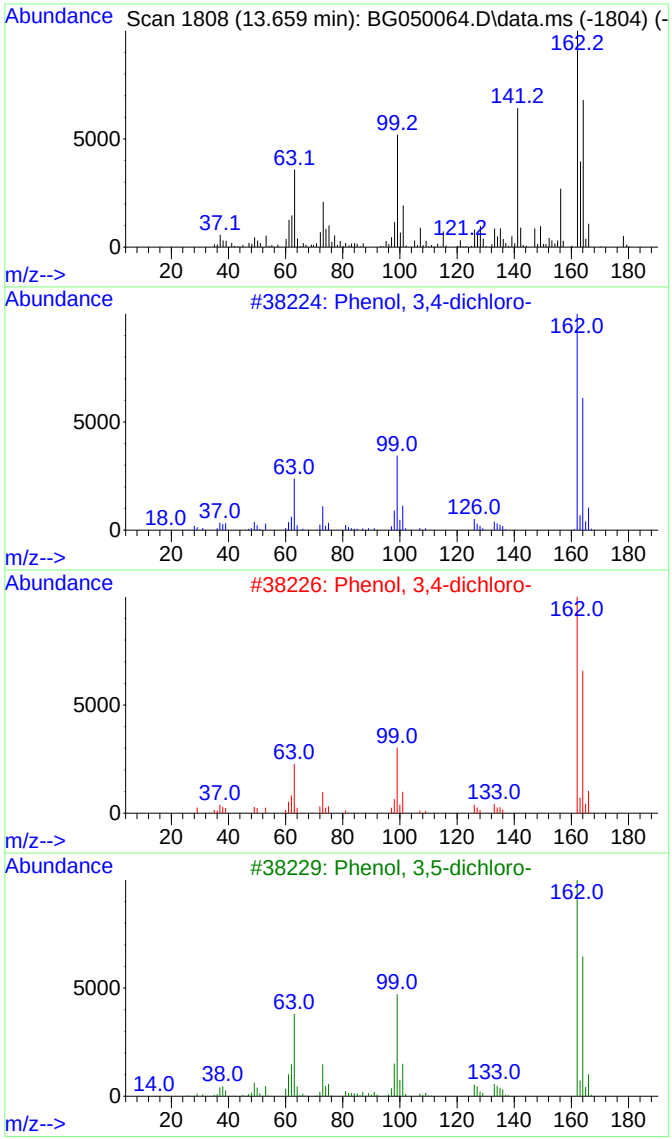
Quant Title : SVOA CALIBRATION

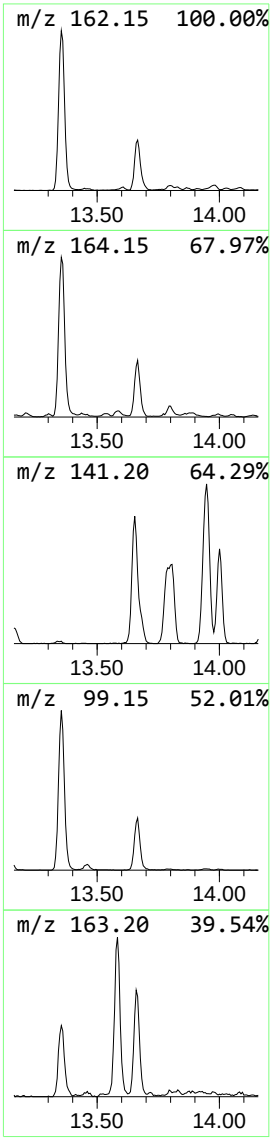
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenol, 3,4-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.659	51.70 ng/ul	1228150	Acenaphthene-d10	14.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	92
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	86
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	70





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Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

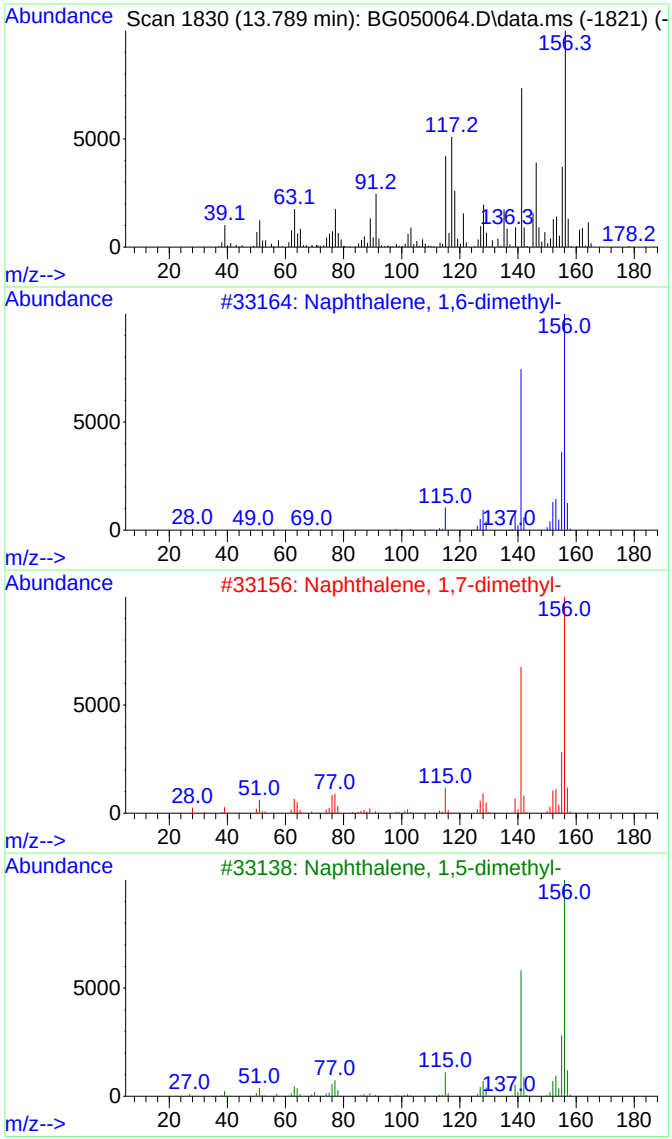
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

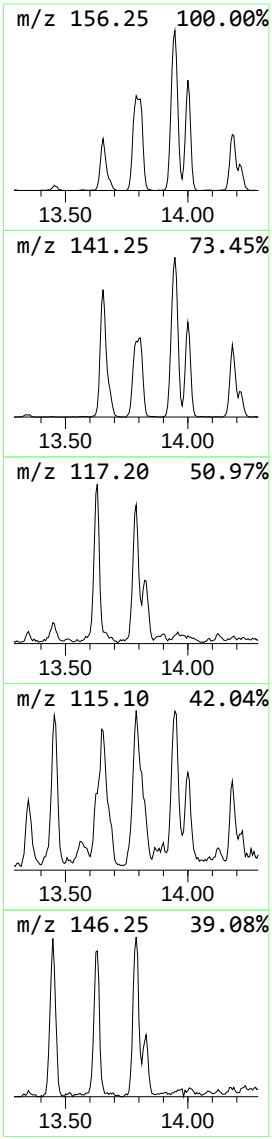
****

Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.789	61.13 ng/ul	1452220	Acenaphthene-d10	14.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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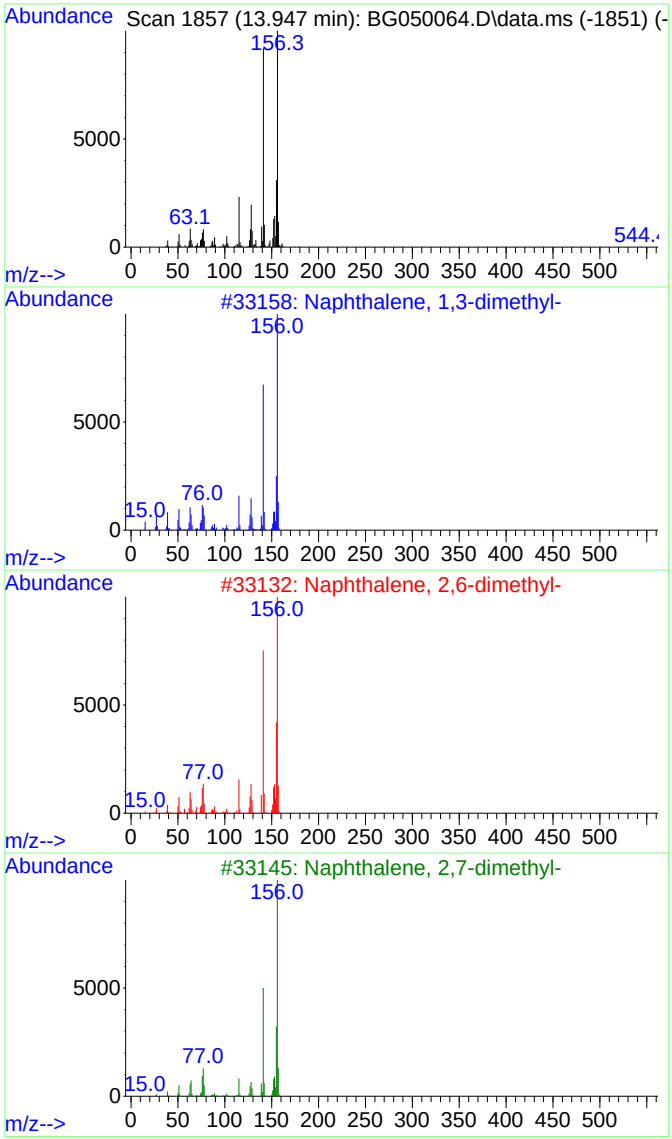
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

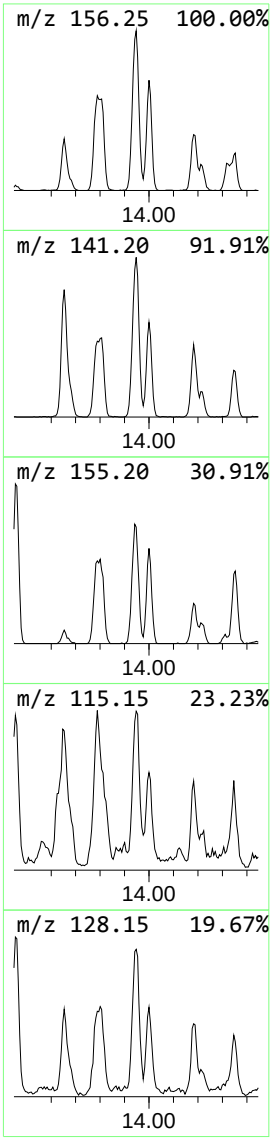
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.947	40.19 ng/ul	954752	Acenaphthene-d10	14.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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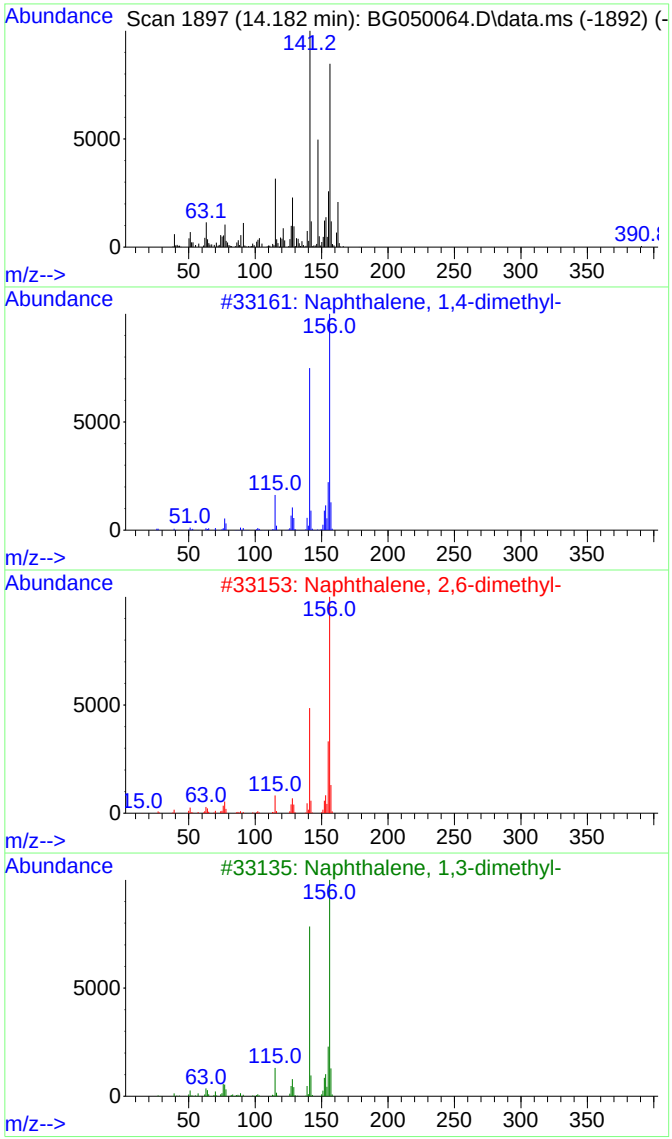
Quant Title : SVOA CALIBRATION

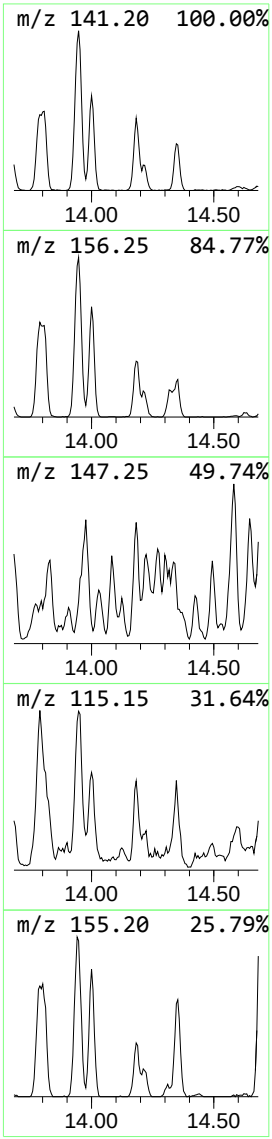
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.182	16.32 ng/ul	387716	Acenaphthene-d10	14.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	89





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ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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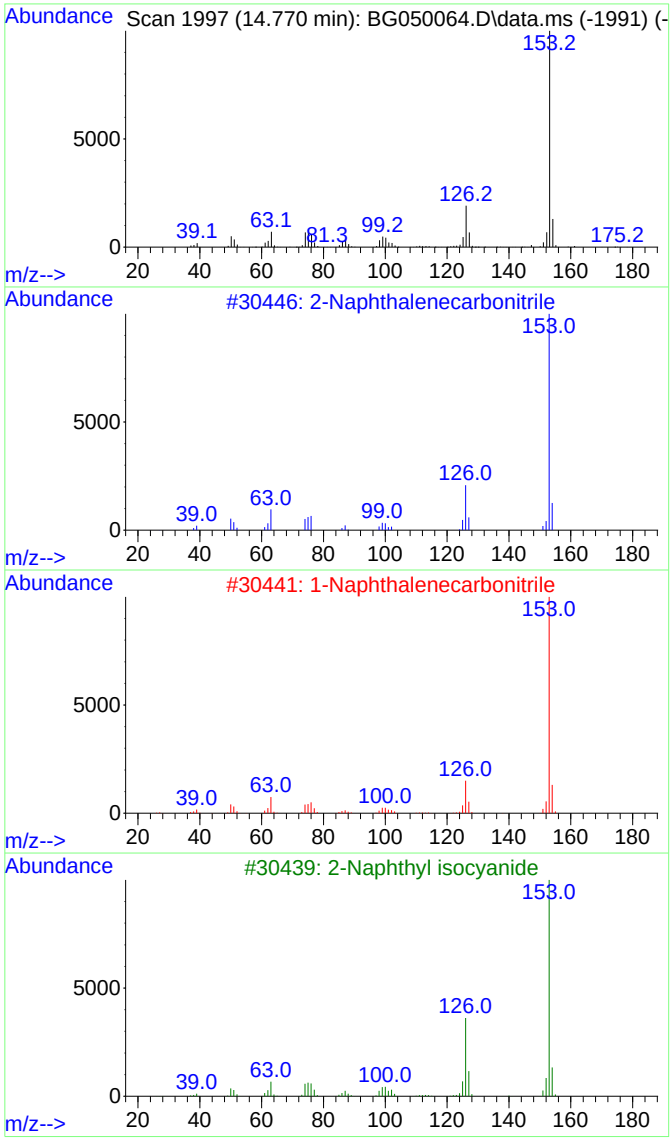
Quant Title : SVOA CALIBRATION

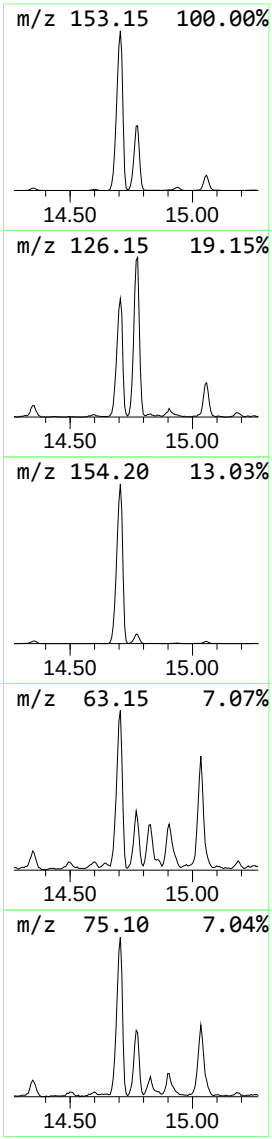
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2-Naphthalenecarbonitrile Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.770	58.74 ng/ul	1395260	Acenaphthene-d10	14.629

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





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Instrument : BNA_G
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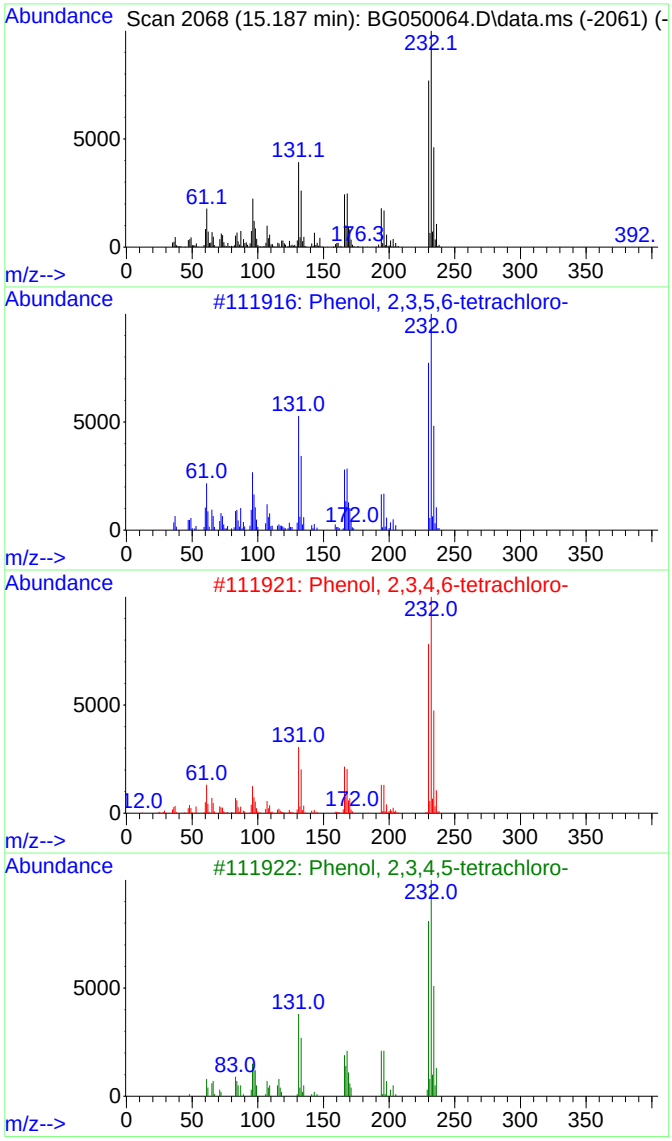
Quant Title : SVOA CALIBRATION

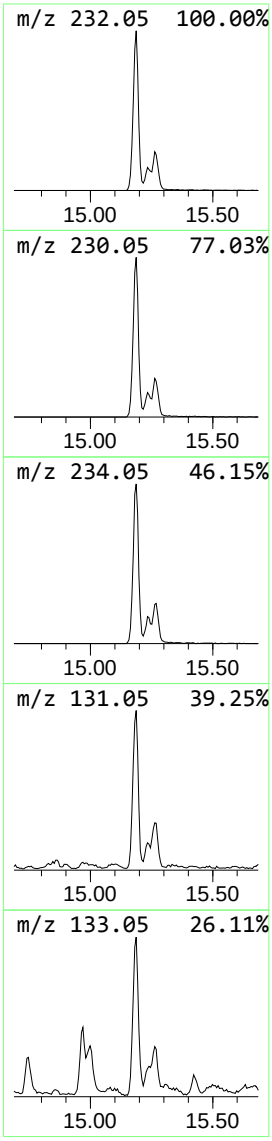
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.187	82.27 ng/ul	1954250	Acenaphthene-d10	14.629

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





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

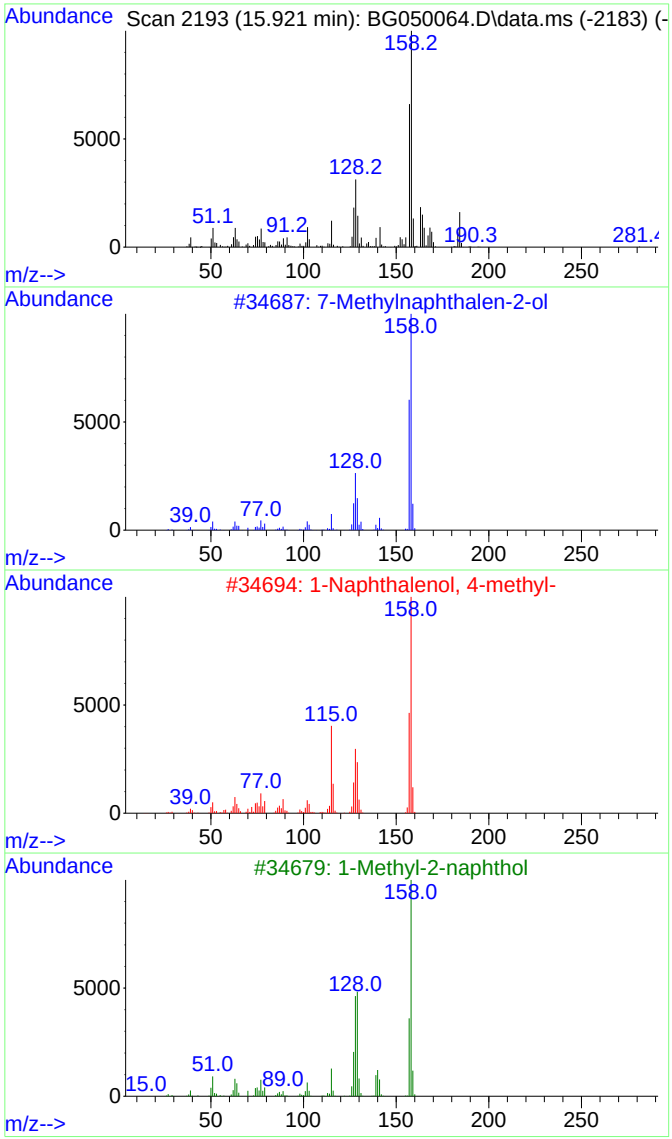
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

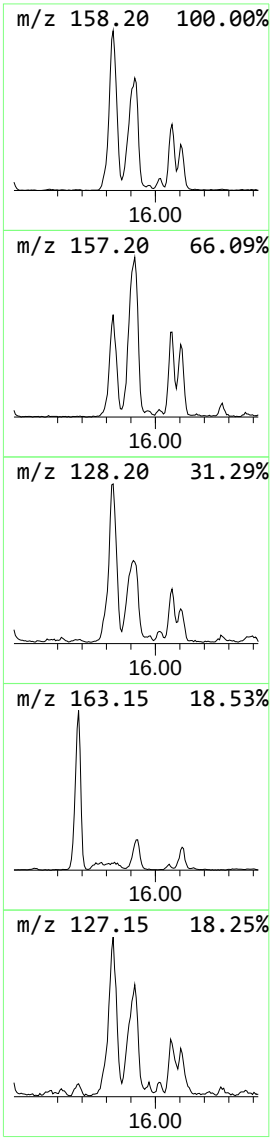
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1-Naphthalenol, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	58.01 ng/ul	1377900	Acenaphthene-d10	14.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylnaphthalen-2-ol	158	C11H10O	026593-50-0	93
2	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	64
3	1-Methyl-2-naphthol	158	C11H10O	001076-26-2	62
4	7-Methylnaphthalen-2-ol, Ac deri...	200	C13H12O2	1000504-28-6	58
5	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	58





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Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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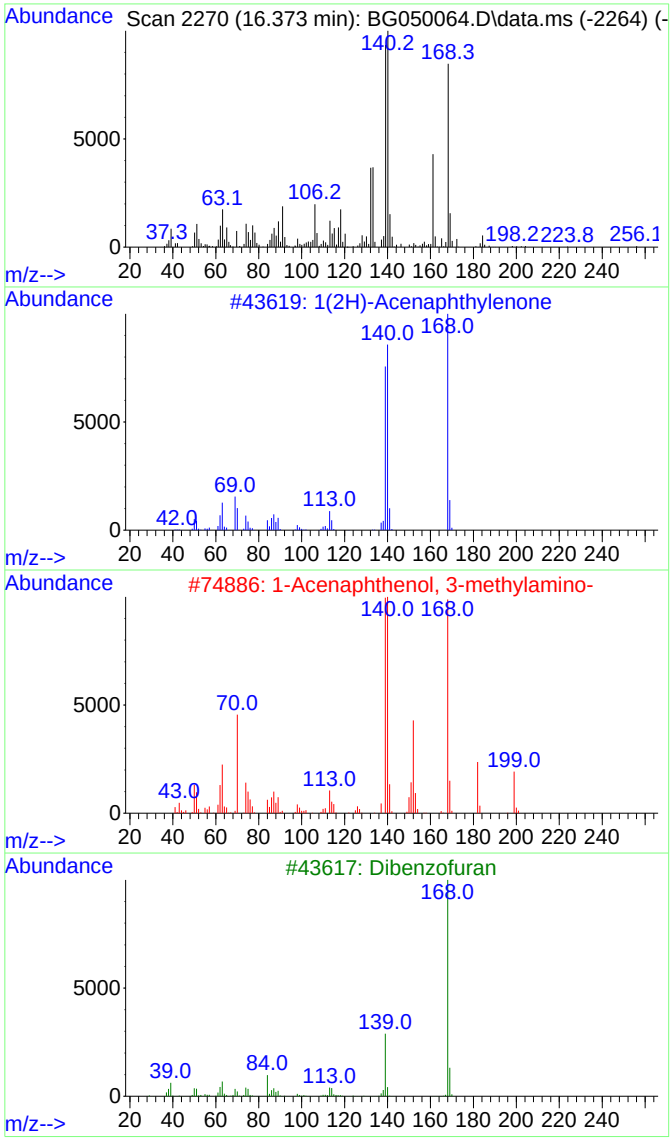
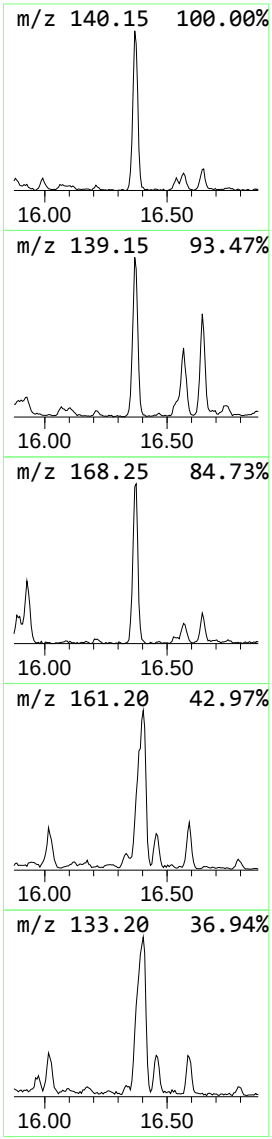
Peak Number 27 1(2H)-Acenaphthylenone Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.373	21.46 ng/ul	673240	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	78
2	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	58
3	Dibenzofuran	168	C12H8O	000132-64-9	38
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	35
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	27





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Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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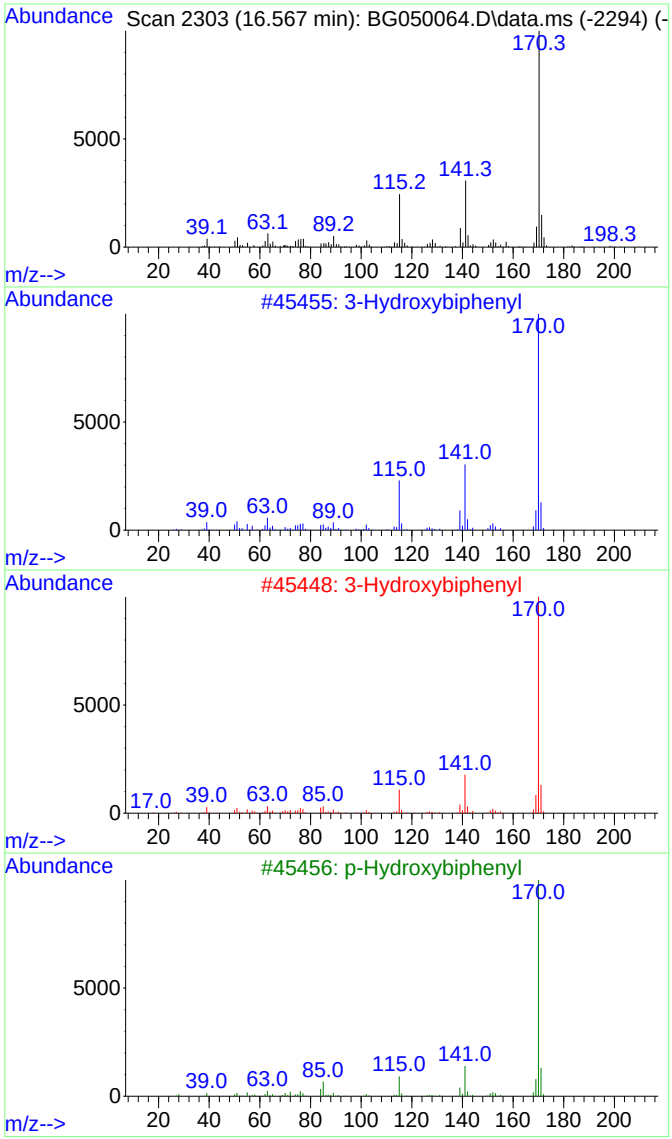
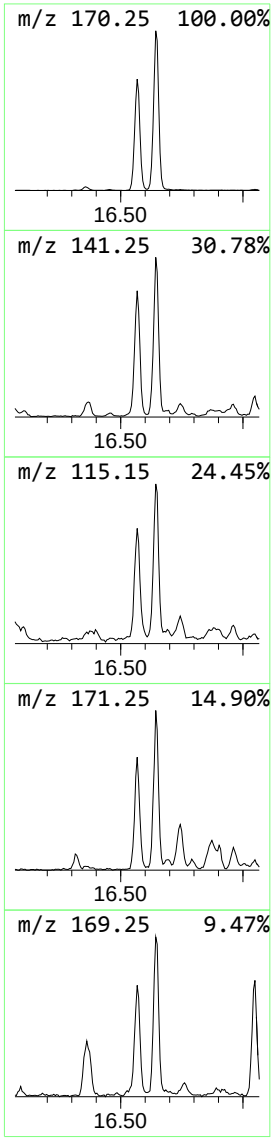
Peak Number 28 3-Hydroxybiphenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.567	40.68 ng/ul	1276130	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	96
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	95
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	93





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Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

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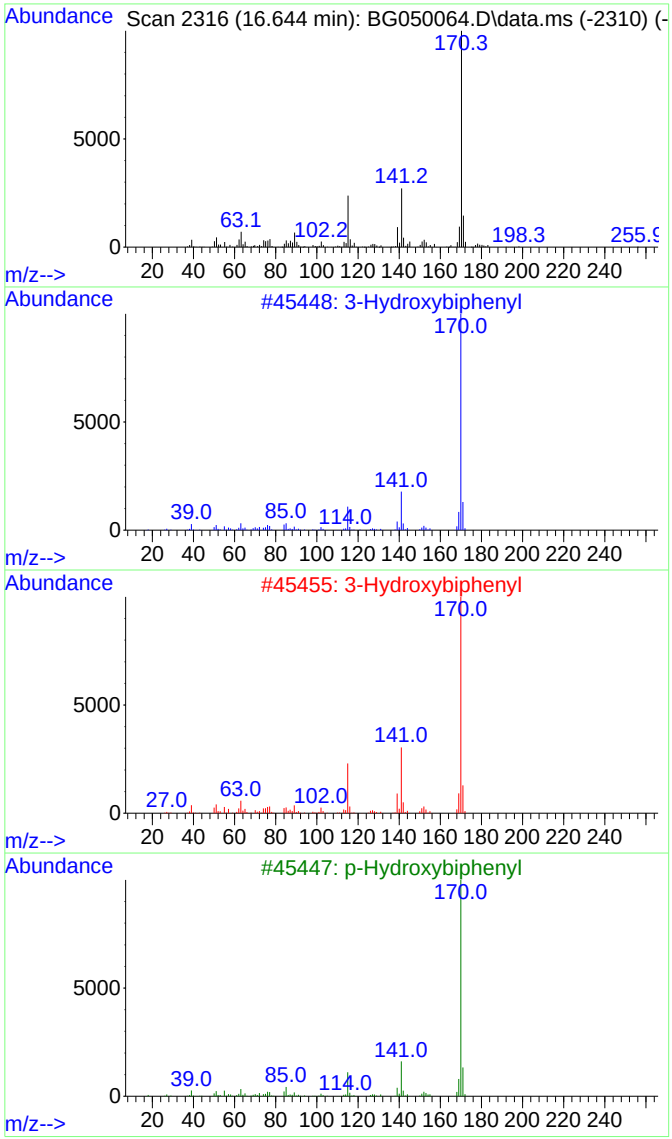
Quant Title : SVOA CALIBRATION

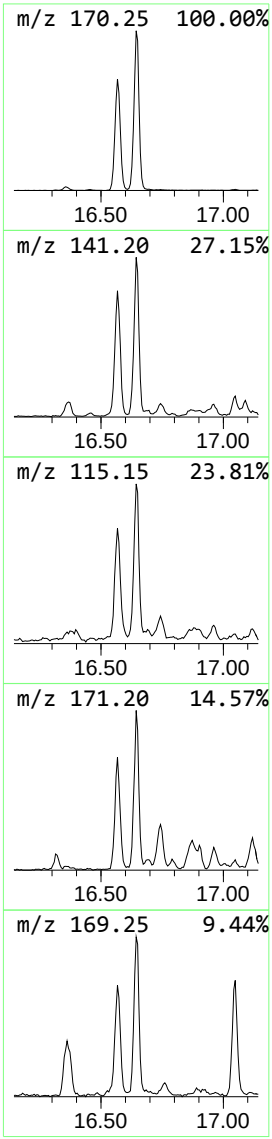
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 p-Hydroxybiphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.644	48.96 ng/ul	1535770	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	96
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	96
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94





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Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

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Quant Title : SVOA CALIBRATION

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

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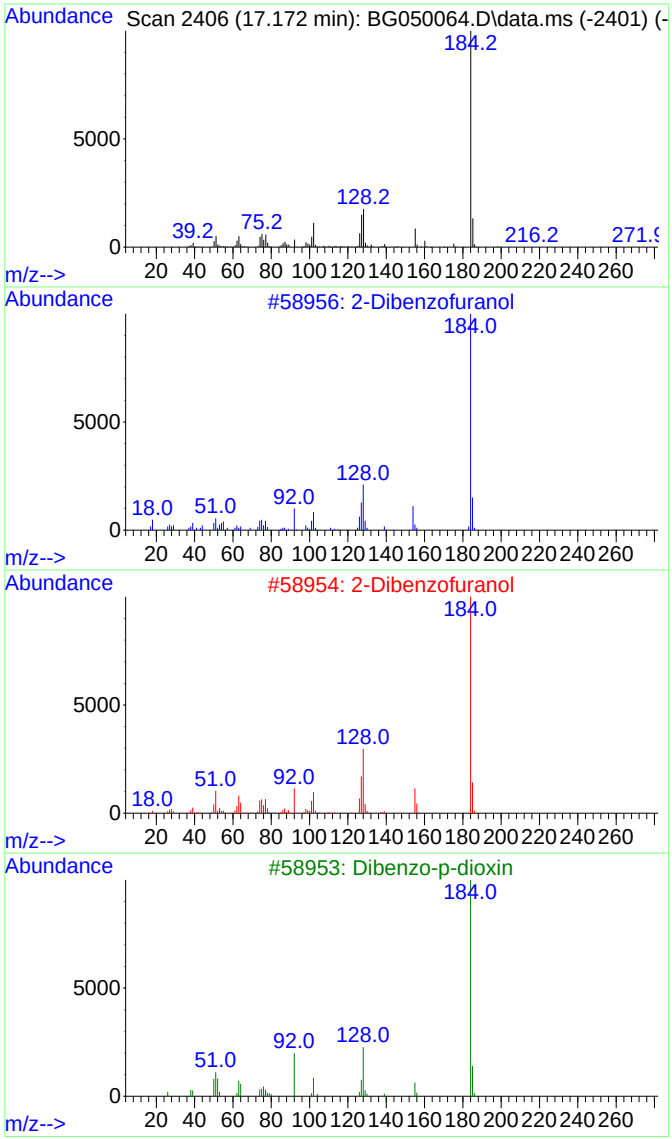
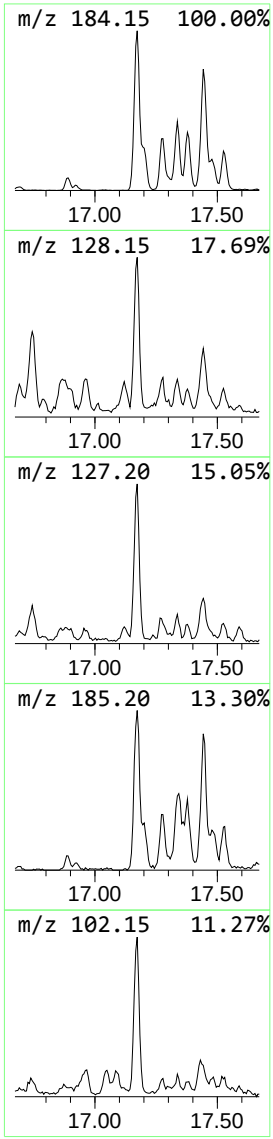
Peak Number 33 2-Dibenzofuranol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.172	25.77 ng/ul	808378	Phenanthrene-d10	17.384

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	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	90
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	80
5	3-(Pyridine-3-yl)aniline, N-methyl	184	C12H12N2	1378740-24-9	64





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Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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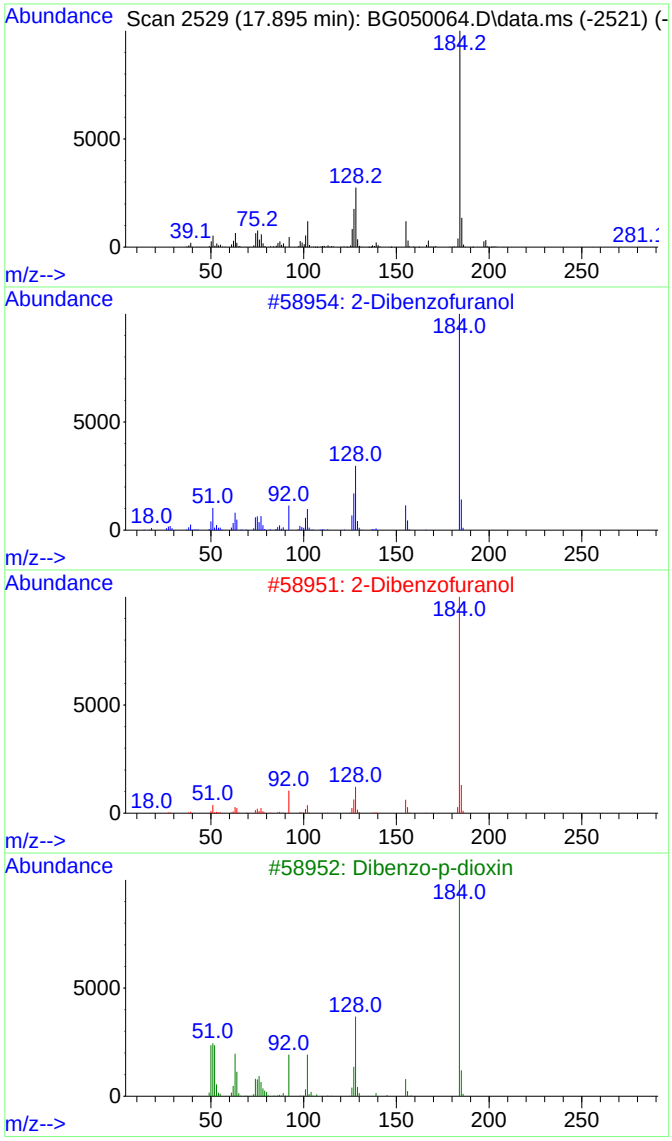
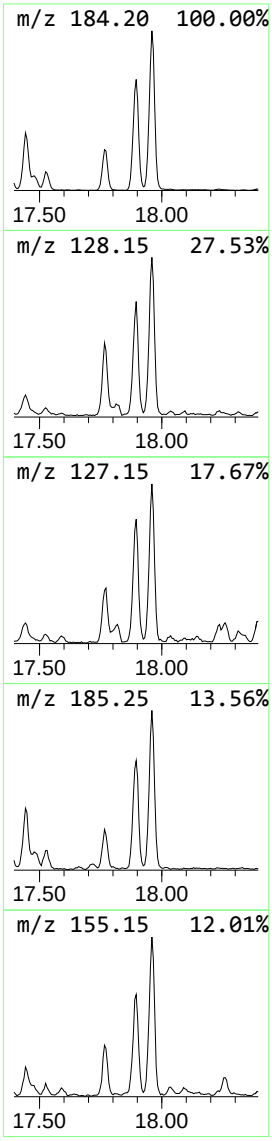
Peak Number 37 Dibenzo-p-dioxin Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.895	56.70 ng/ul	1778760	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	93
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	87





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Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

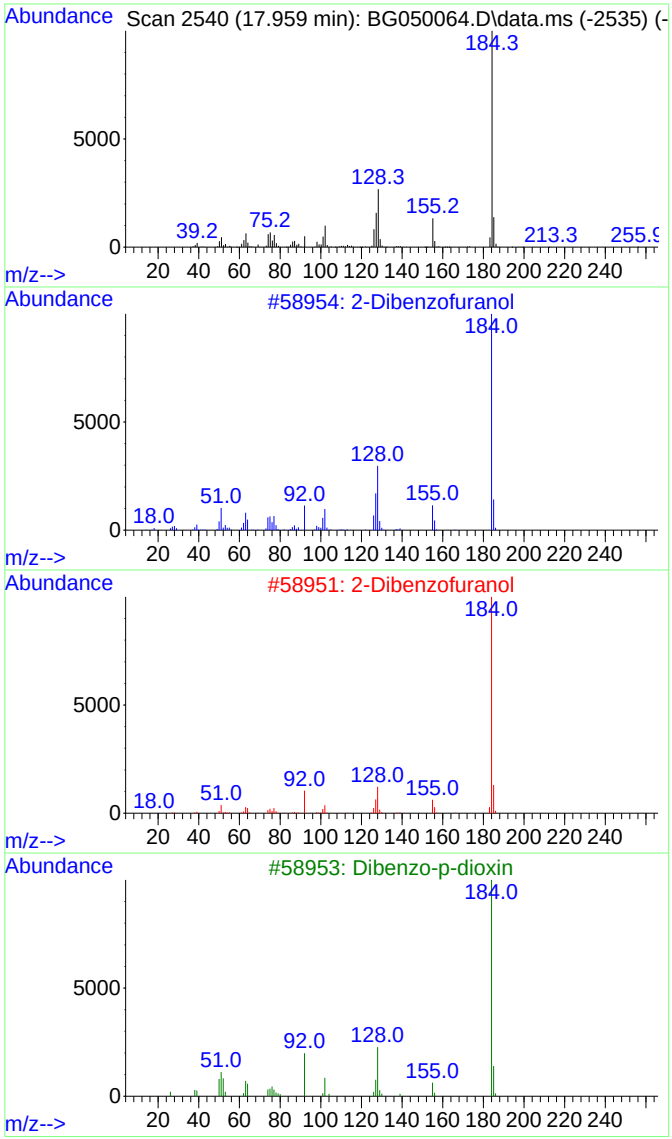
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

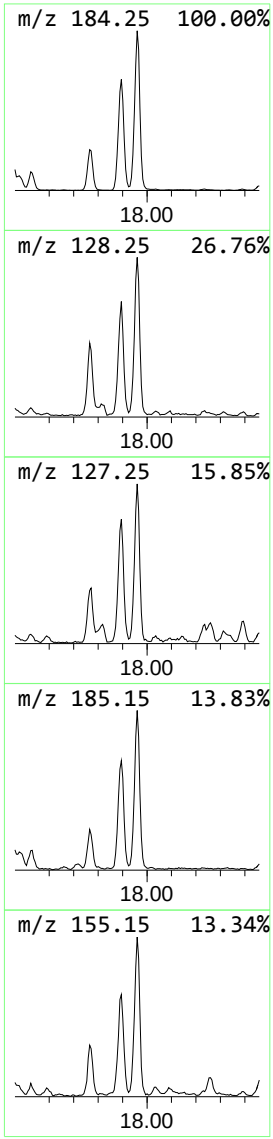
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1H-Pyrazolo[3,4-b]quinolin-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.959	62.31 ng/ul	1954660	Phenanthrene-d10	17.384

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	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
4	1H-Pyrazolo[3,4-b]quinolin-3-amine	184	C10H8N4	1000319-54-1	80
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	80





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Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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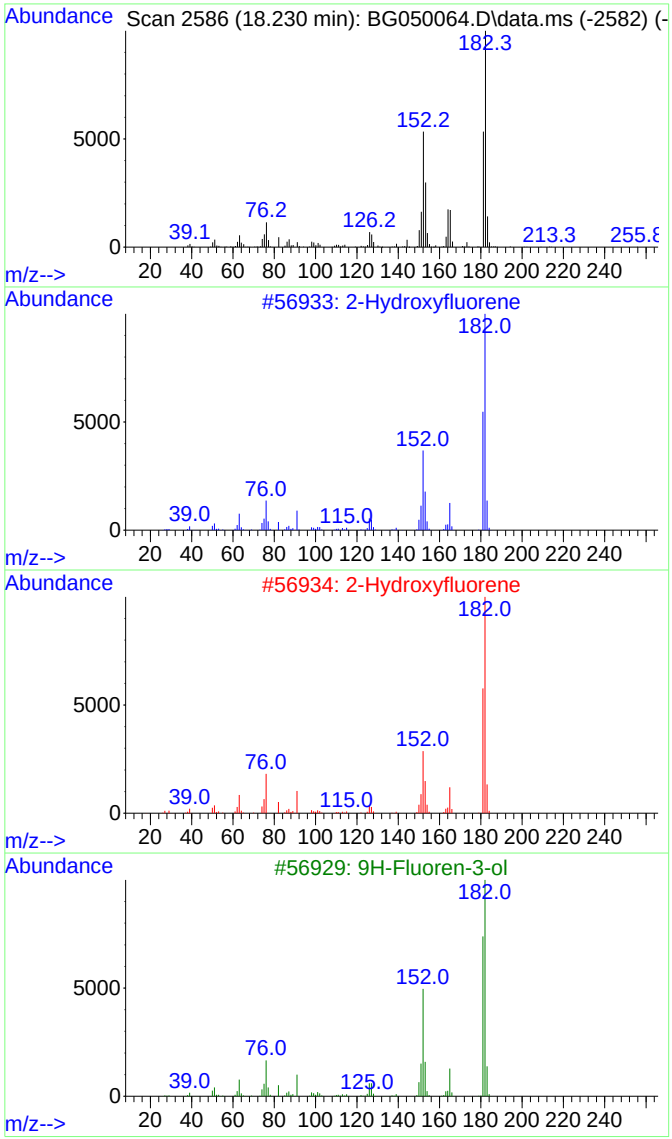
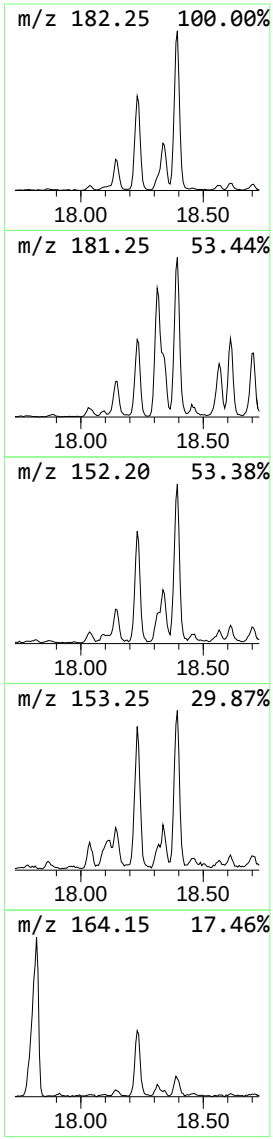
Peak Number 41 2-Hydroxyfluorene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.230	29.92 ng/ul	938482	Phenanthrene-d10	17.384

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	94
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
4	Atractylodin	182	C13H10O	055290-63-6	64
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	62





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Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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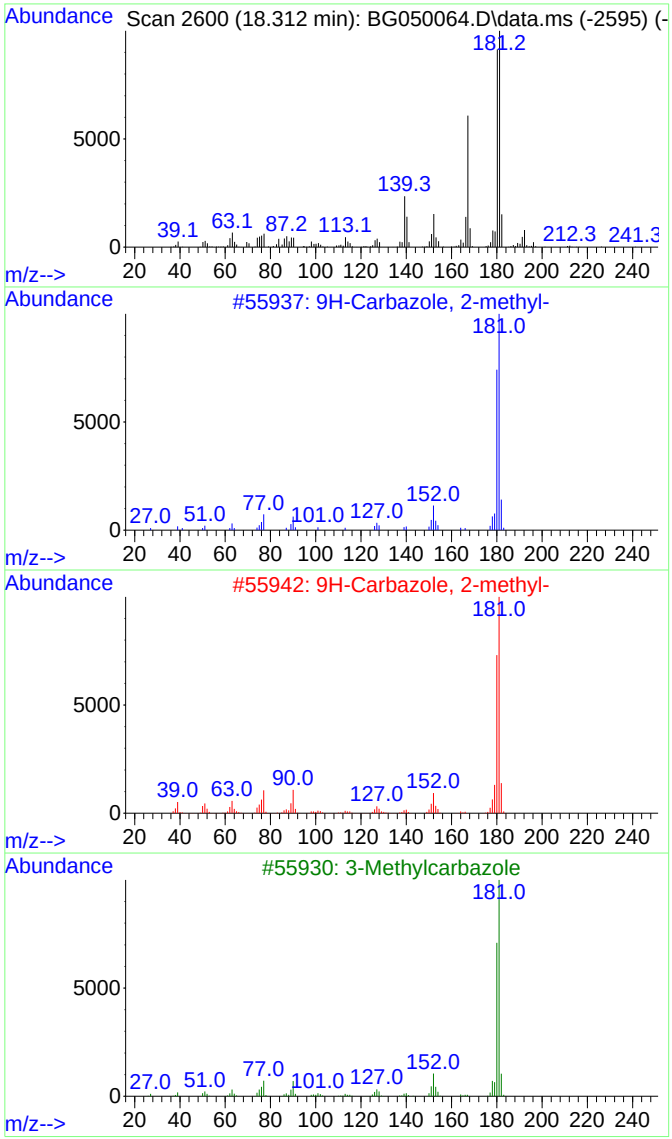
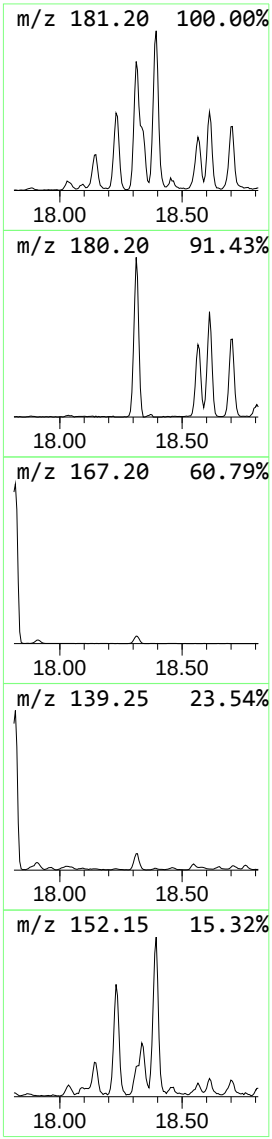
Peak Number 42 9H-Carbazole, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.312	36.10 ng/ul	1132560	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	86
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	86
3	3-Methylcarbazole	181	C13H11N	004630-20-0	86
4	3-Methylcarbazole	181	C13H11N	004630-20-0	86
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	83





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

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Quant Title : SVOA CALIBRATION

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

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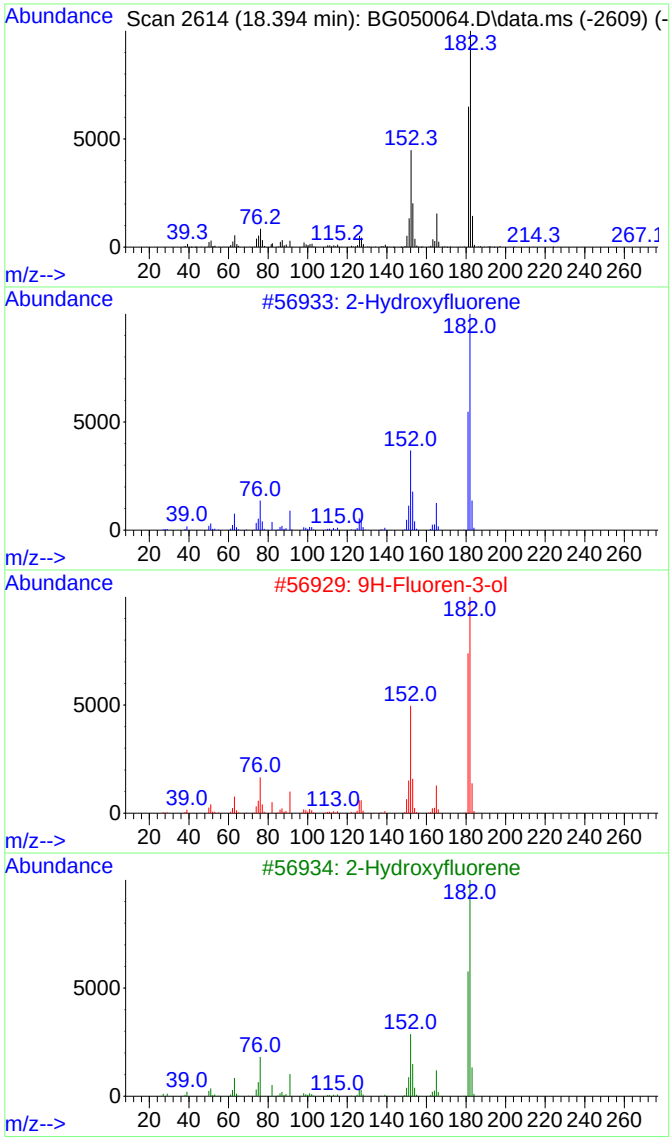
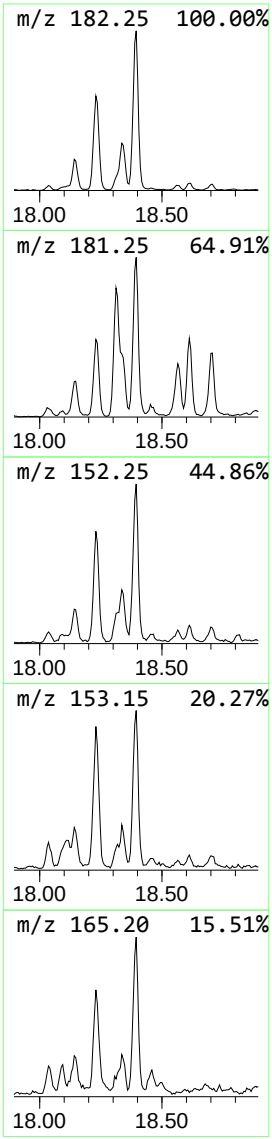
Peak Number 43 9H-Fluoren-3-ol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.394	36.38 ng/ul	1141420	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	96
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	95
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

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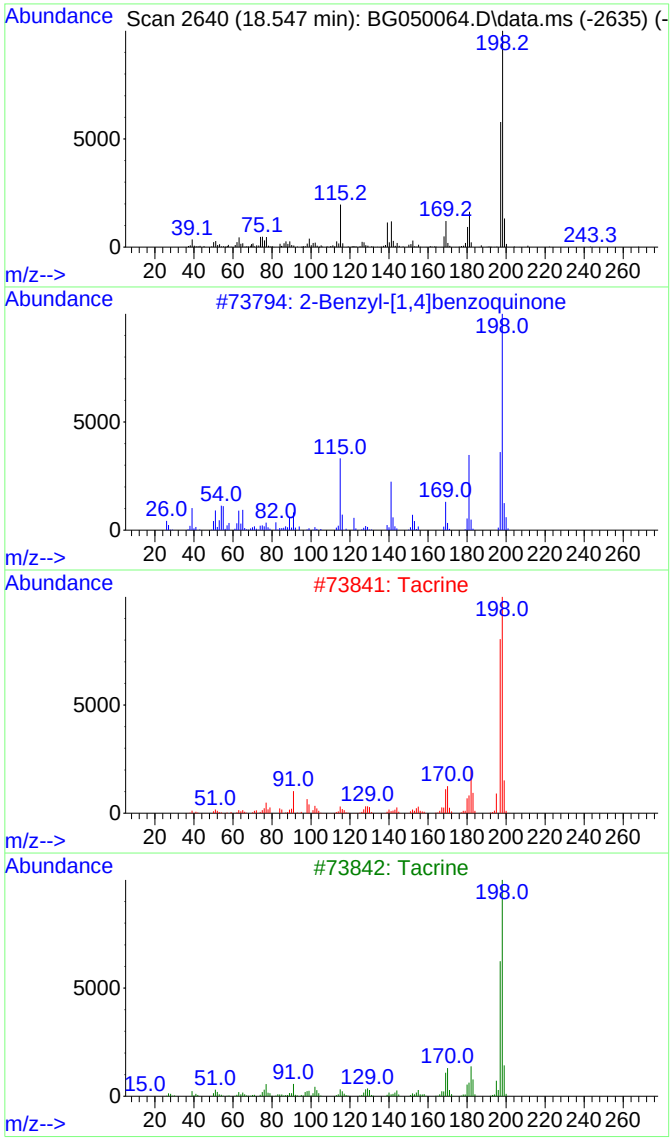
Quant Title : SVOA CALIBRATION

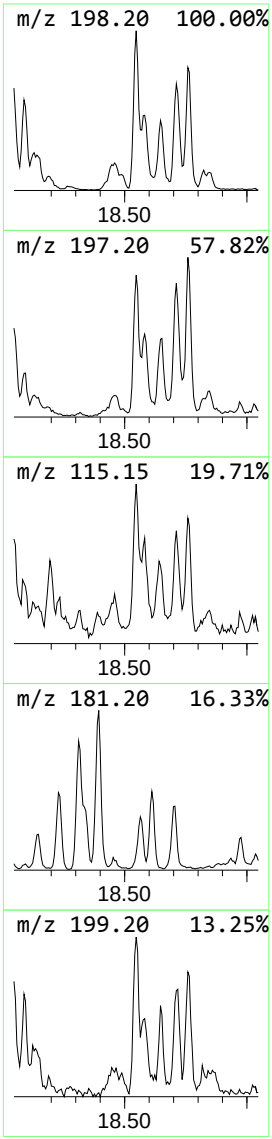
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 2-Benzyl-[1,4]benzoquinone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.547	27.77 ng/ul	871198	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzyl-[1,4]benzoquinone	198	C13H10O2	038940-10-2	64
2	Tacrine	198	C13H14N2	000321-64-2	64
3	Tacrine	198	C13H14N2	000321-64-2	59
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	53
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	53





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Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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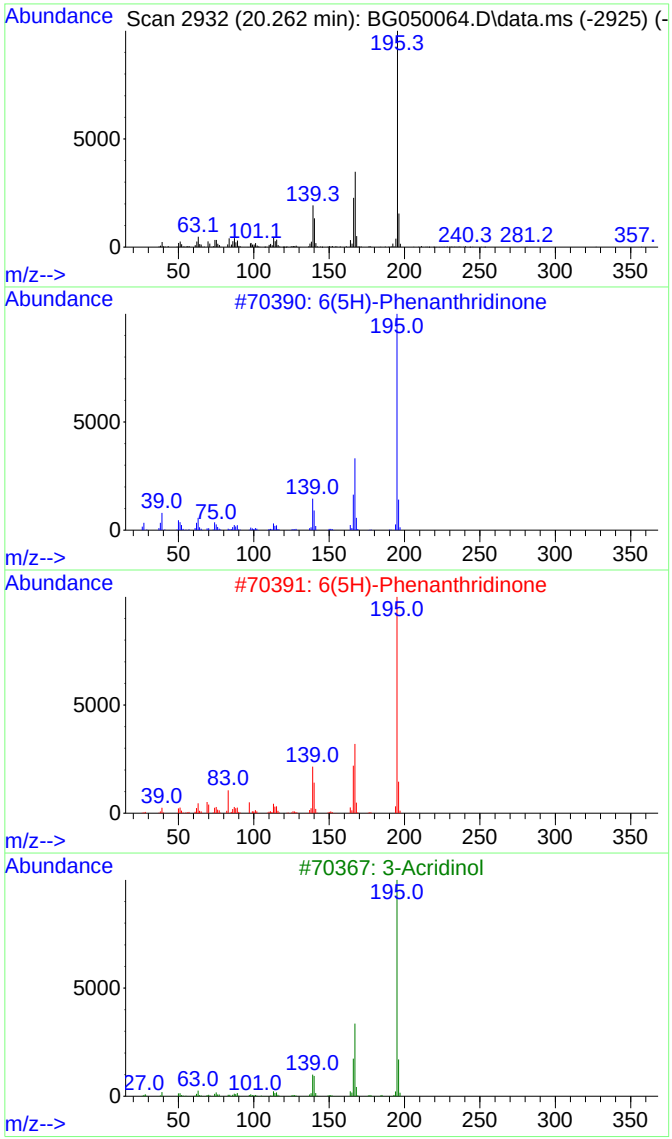
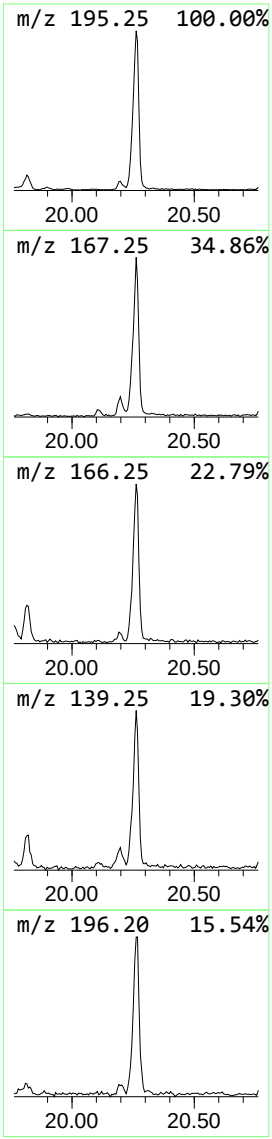
Peak Number 50 6(5H)-Phenanthridinone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.262	33.74 ng/ul	675176	Chrysene-d12	21.654

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	95
3	3-Acridinol	195	C13H9NO	007132-70-9	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	9-Acridinol	195	C13H9NO	000643-62-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
Operator : CG/JU
Sample : M3464-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.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...	5.570	62.5	ng/ul	891124	1	7.961	284980	20.0
Mesitylene	7.603	48.5	ng/ul	691162	1	7.961	284980	20.0
Benzofuran	7.685	131.2	ng/ul	1869730	1	7.961	284980	20.0
Benzene, 1,2,3-...	8.079	20.0	ng/ul	284980	1	7.961	284980	20.0
Indane	8.343	444.8	ng/ul	6337930	1	7.961	284980	20.0
Benzene, 1-prop...	8.513	394.5	ng/ul	5621400	1	7.961	284980	20.0
Benzonitrile, 4...	8.819	51.3	ng/ul	730525	1	7.961	284980	20.0
Benzofuran, 7-m...	9.330	27.8	ng/ul	396761	1	7.961	284980	20.0
Phenol, 3,5-dic...	13.354	91.1	ng/ul	2164380	3	14.629	475091	20.0
Benzene, 2-prop...	13.630	12.2	ng/ul	289418	3	14.629	475091	20.0
Phenol, 3,4-dic...	13.659	51.7	ng/ul	1228150	3	14.629	475091	20.0
Naphthalene, 1,...	13.789	61.1	ng/ul	1452220	3	14.629	475091	20.0
Naphthalene, 1,...	13.947	40.2	ng/ul	954752	3	14.629	475091	20.0
Naphthalene, 1,...	14.182	16.3	ng/ul	387716	3	14.629	475091	20.0
2-Naphthaleneca...	14.770	58.7	ng/ul	1395260	3	14.629	475091	20.0
Phenol, 2,3,5,6...	15.187	82.3	ng/ul	1954250	3	14.629	475091	20.0
1-Naphthalenol,...	15.921	58.0	ng/ul	1377900	3	14.629	475091	20.0
1(2H)-Acenaphth...	16.373	21.5	ng/ul	673240	4	17.384	627410	20.0
3-Hydroxybiphenyl	16.567	40.7	ng/ul	1276130	4	17.384	627410	20.0
p-Hydroxybiphenyl	16.644	49.0	ng/ul	1535770	4	17.384	627410	20.0
2-Dibenzofuranol	17.172	25.8	ng/ul	808378	4	17.384	627410	20.0
Dibenzo-p-dioxin	17.895	56.7	ng/ul	1778760	4	17.384	627410	20.0
1H-Pyrazolo[3,4...	17.959	62.3	ng/ul	1954660	4	17.384	627410	20.0
2-Hydroxyfluorene	18.230	29.9	ng/ul	938482	4	17.384	627410	20.0
9H-Carbazole, 2...	18.312	36.1	ng/ul	1132560	4	17.384	627410	20.0
9H-Fluoren-3-ol	18.394	36.4	ng/ul	1141420	4	17.384	627410	20.0
2-Benzyl-[1,4]b...	18.547	27.8	ng/ul	871198	4	17.384	627410	20.0
6(5H)-Phenanthr...	20.262	33.7	ng/ul	675176	5	21.654	400171	20.0