LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

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_M\Methods\SFAM-EPA-BM031323.M
Title : SVOA CALIBRATION

Signal : TIC: BM038999.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.799	85	87	101	rBV	229947	366371	0.35%	0.076%
2	7.140	648	655	661	rVV2	399471	671502	0.63%	0.140%
3	7.310	678	684	691	rBV	1662677	2598362	2.45%	0.542%
4	7.510	709	718	727	rBV	1469278	2274719	2.14%	0.475%
5	7.634	730	739	745	rVV	373503	606976	0.57%	0.127%
6	7.704	745	751	760	rVB	270710	423006	0.40%	0.088%
7	7.987	790	799	808	rBV	1421824	2247834	2.12%	0.469%
8	8.098	813	818	825	rVB	219697	349562	0.33%	0.073%
9	8.363	856	863	871	rBV	1441314	2230871	2.10%	0.466%
10	8.528	876	891	899	rBV	5566036	8792809	8.29%	1.835%
11	8.692	912	919	930	rVB	1169044	1836208	1.73%	0.383%
12	9.151	991	997	1012	rVB	1982390	3568572	3.36%	0.745%
13	9.310	1012	1024	1027	rBV	612560	1456323	1.37%	0.304%
14	9.351	1027	1031	1039	rVV	418243	673215	0.63%	0.140%
15	9.475	1040	1052	1058	rVV	901225	1899922	1.79%	0.396%
16	9.534	1058	1062	1067	rVB	249705	376958	0.36%	0.079%
17	9.875	1112	1120	1127	rBV	1493767	2515165	2.37%	0.525%
18	10.045	1143	1149	1159	rVB2	265077	498090	0.47%	0.104%
19	10.198	1166	1175	1185	rBV3	567886	1434198	1.35%	0.299%
20	10.298	1185	1192	1196	rBV	309843	608011	0.57%	0.127%
21	10.416	1205	1212	1221	rVB	2147487	3789327	3.57%	0.791%
22	10.810	1270	1279	1281	rVV	1696195	3196191	3.01%	0.667%
23	10.881	1281	1291	1296	rVV3	38274273	106077630	100.00%	22.136%
24	10.934	1296	1300	1303	rVV	1167762	2045165	1.93%	0.427%
25	10.981	1303	1308	1316	rVV	8048809	12987547	12.24%	2.710%
26	11.175	1334	1341	1345	rVV2	174439	340801	0.32%	0.071%
27	11.910	1458	1466	1476	rBV	634240	1117225	1.05%	0.233%
28	12.351	1534	1541	1550	rVV	780120	1299700	1.23%	0.271%
29	12.457	1551	1559	1566	rVV	8253912	12597330	11.88%	2.629%
30	12.575	1573	1579	1584	rVV	441399	773724	0.73%	0.161%
31	12.680	1585	1597	1605	rVB	12567645	20479219	19.31%	4.274%
32	12.816	1615	1620	1629	rVV	267451	391184	0.37%	0.082%
33	13.092	1661	1667	1677	rVB	439715	817889	0.77%	0.171%
34	13.322	1697	1706	1719	rBV	391226	726204	0.68%	0.152%
35	13.463	1719	1730	1737	rVV	5516422	7860832	7.41%	1.640%
36	13.657	1756	1763	1774	rVB2	717708	1779529	1.68%	0.371%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

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_M\Methods\SFAM-EPA-BM031323.M
Title : SVOA CALIBRATION

37	13.798	1774	1787	1795	rBV3	723982	1972076	1.86%	0.412%
38	13.945	1805	1812	1817	rVV	1267670	2213349	2.09%	0.462%
39	13.998	1817	1821	1823	rVV	685175	963721	0.91%	0.201%
40	14.039	1823	1828	1836	rVV	4806422	6838297	6.45%	1.427%
41	14.180	1847	1852	1856	rVV	462924	765762	0.72%	0.160%
42	14.322	1869	1876	1887	rVB2	5055639	9010793	8.49%	1.880%
43	14.627	1917	1928	1933	rBV2	3362179	5757323	5.43%	1.201%
44	14.698	1933	1940	1945	rVV	23547664	36045029	33.98%	7.522%
45	14.757	1945	1950	1955	rVV	6970976	10088573	9.51%	2.105%
46	14.810	1955	1959	1970	rVV2	546475	955566	0.90%	0.199%
47	14.898	1970	1974	1977	rVV2	201280	323711	0.31%	0.068%
48	14.933	1977	1980	1984	rVV	335061	496679	0.47%	0.104%
49	15.027	1989	1996	2003	rVV2	14602951	23193738	21.86%	4.840%
50	15.104	2003	2009	2015	rVV	779089	1138160	1.07%	0.238%
51	15.163	2015	2019	2023	rVV	567596	764269	0.72%	0.159%
52	15.245	2023	2033	2037	rVB3	204102	479246	0.45%	0.100%
53	15.551	2079	2085	2090	rBV4	333360	683688	0.64%	0.143%
54	15.616	2090	2096	2101	rVV	6904854	9841724	9.28%	2.054%
55	15.674	2101	2106	2111	rVV	12284093	16798019	15.84%	3.505%
56	15.727	2111	2115	2123	rVV2	2623061	4094535	3.86%	0.854%
57	15.792	2123	2126	2130	rVV	576988	914029	0.86%	0.191%
58	15.833	2130	2133	2139	rVV3	402919	731345	0.69%	0.153%
59	15.886	2139	2142	2145	rVV2	224864	342116	0.32%	0.071%
60	15.921	2145	2148	2151	rVV2	352195	493491	0.47%	0.103%
61	15.963	2151	2155	2162	rVB	777787	1106348	1.04%	0.231%
62	16.110	2175	2180	2189	rVB2	955323	1882248	1.77%	0.393%
63	16.345	2213	2220	2226	rBV	2437074	3667197	3.46%	0.765%
64	16.515	2245	2249	2256	rBV2	251348	454211	0.43%	0.095%
65	16.627	2263	2268	2273	rBV3	290600	652731	0.62%	0.136%
66	16.668	2273	2275	2281	rVV	280358	418406	0.39%	0.087%
67	17.021	2324	2335	2342	rVB2	2919084	4460324	4.20%	0.931%
68	17.186	2355	2363	2368	rVV	916574	1470559	1.39%	0.307%
69	17.245	2368	2373	2382	rVV4	314106	970726	0.92%	0.203%
70	17.321	2382	2386	2389	rVV2	299916	427550	0.40%	0.089%
71	17.368	2389	2394	2398	rVV	4136229	6306341	5.95%	1.316%
72	17.415	2398	2402	2407	rVV	8029623	11547484	10.89%	2.410%
73	17.468	2407	2411	2416	rVV	7551783	11143664	10.51%	2.325%
74	17.504	2416	2417	2422	rVV2	807354	760928	0.72%	0.159%
75	17.568	2424	2428	2433	rVB2	390440	563698	0.53%	0.118%
76	17.786	2452	2465	2470	rBV	23123141	36391146	34.31%	7.594%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCAE9

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_M\Methods\SFAM-EPA-BM031323.M
Title : SVOA CALIBRATION

77	17.857	2474	2477	2485	rVV6	235180	609216	0.57%	0.127%
78	17.927	2485	2489	2495	rVV	556916	809716	0.76%	0.169%
79	18.027	2495	2506	2511	rVV5	308536	1021507	0.96%	0.213%
80	18.074	2511	2514	2518	rVV	425693	596889	0.56%	0.125%
81	18.204	2532	2536	2541	rVV2	565213	898978	0.85%	0.188%
82	18.292	2546	2551	2556	rVV	1883849	2751649	2.59%	0.574%
83	18.362	2560	2563	2570	rVV	369948	539146	0.51%	0.113%
84	18.445	2570	2577	2585	rVB2	643127	1148997	1.08%	0.240%
85	18.521	2585	2590	2592	rBV	429264	597897	0.56%	0.125%
86	18.545	2592	2594	2598	rVV2	452701	762420	0.72%	0.159%
87	18.592	2598	2602	2605	rVV	943381	1332204	1.26%	0.278%
88	18.621	2605	2607	2611	rVV	303427	393632	0.37%	0.082%
89	18.680	2612	2617	2623	rVV2	1112441	1784944	1.68%	0.372%
90	18.733	2623	2626	2631	rVV2	483053	703706	0.66%	0.147%
91	18.786	2631	2635	2639	rVV2	245029	361043	0.34%	0.075%
92	19.251	2708	2714	2720	rBV4	199242	510470	0.48%	0.107%
93	19.421	2739	2743	2749	rVB	685861	935694	0.88%	0.195%
94	19.756	2794	2800	2805	rBV	8844265	12381513	11.67%	2.584%
95	20.162	2864	2869	2874	rBV	480668	661989	0.62%	0.138%
96	20.227	2875	2880	2886	rBV	1054194	1440874	1.36%	0.301%
97	21.550	3099	3105	3114	rBV	4278130	5575292	5.26%	1.163%
98	22.827	3319	3322	3328	rVB	292762	397634	0.37%	0.083%
99	23.839	3487	3494	3510	rVB2	4964624	9474421	8.93%	1.977%
100	23.997	3514	3521	3532	rVB2	2316502	4678653	4.41%	0.976%

Sum of corrected areas: 479205455

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
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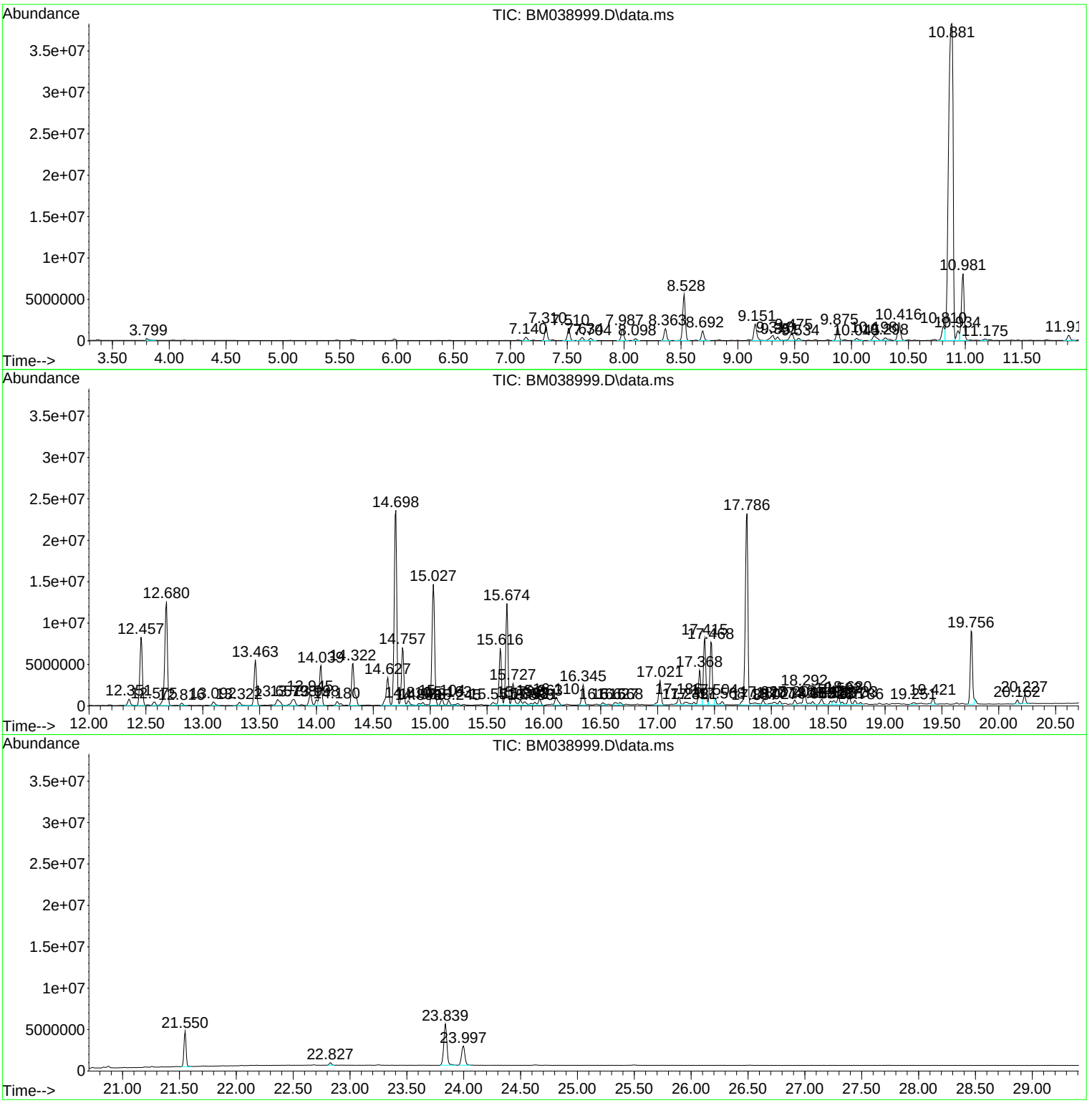
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

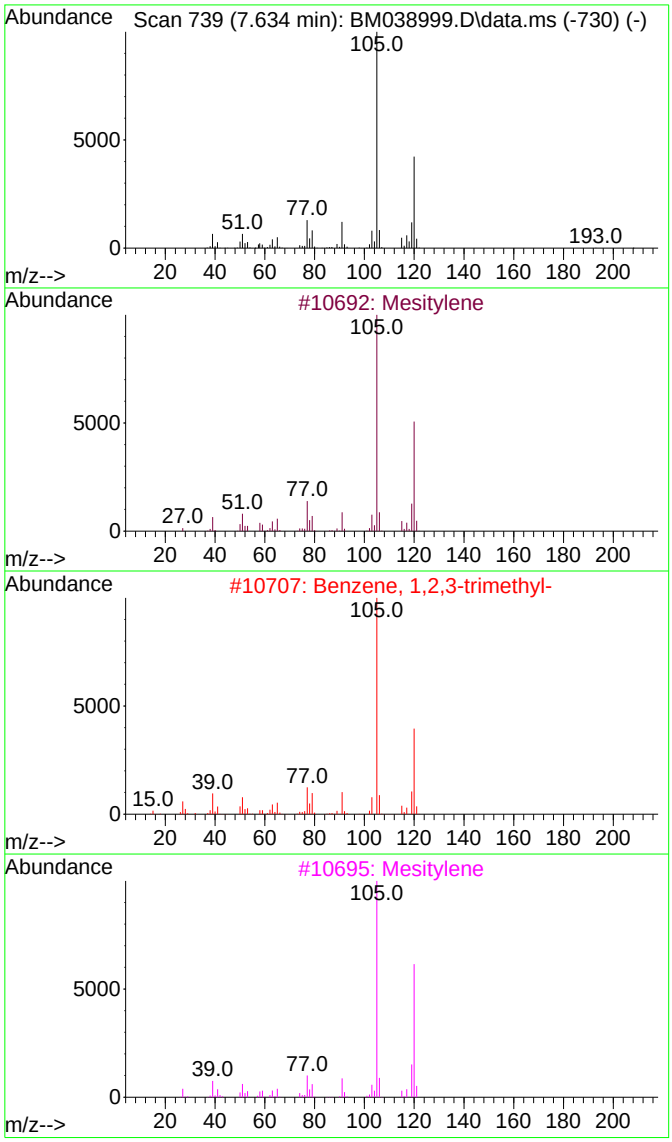
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

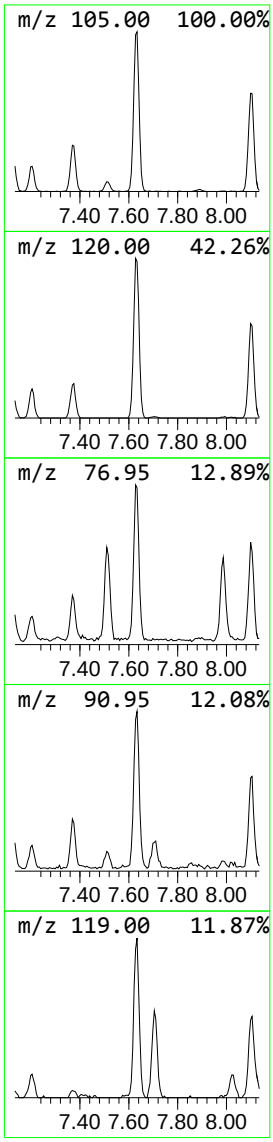
****

Peak Number 1 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.634	5.40 ng/ul	606976	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

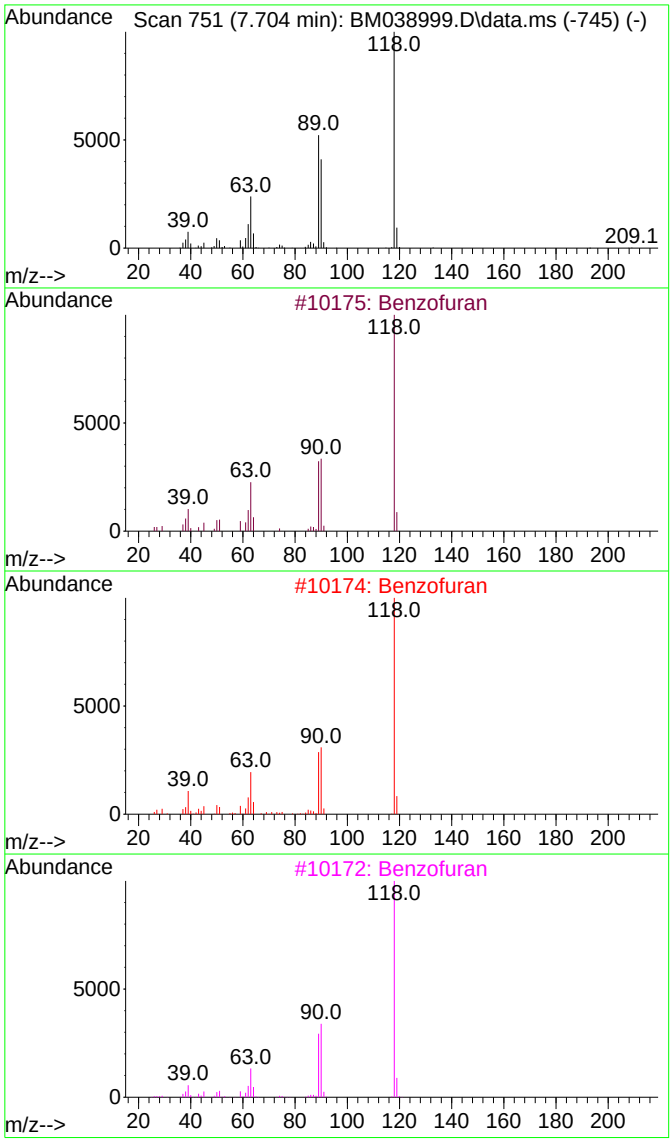
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

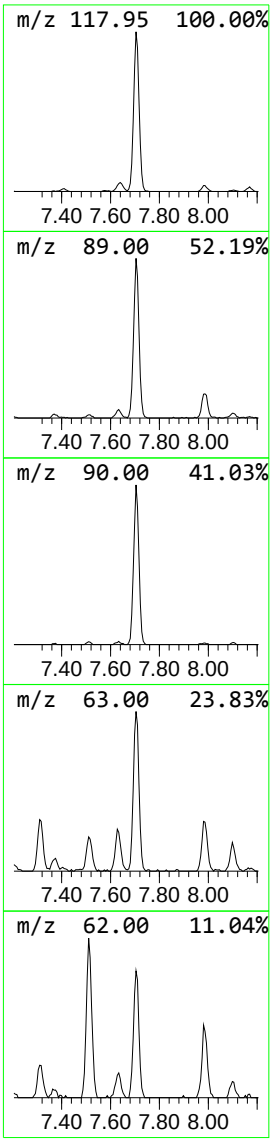
****

Peak Number 2 Benzofuran Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.704	3.76 ng/ul	423006	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	95
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Benzofuran	118	C8H6O	000271-89-6	87
4	Benzofuran	118	C8H6O	000271-89-6	87
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

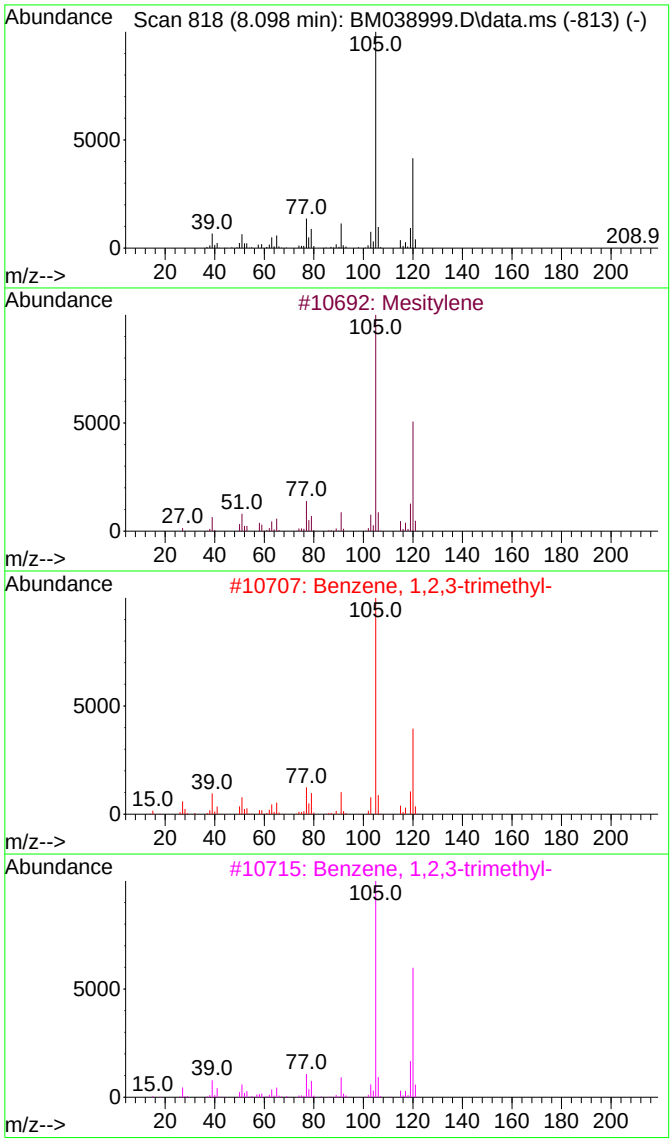
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

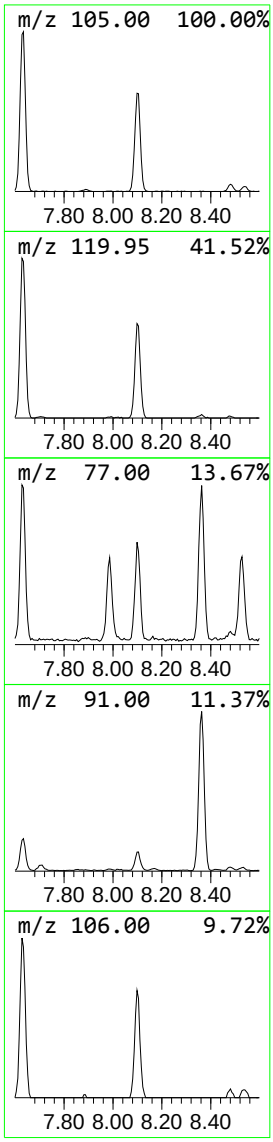
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.098	3.11 ng/ul	349562	1,4-Dichlorobenzene-d4	7.987

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

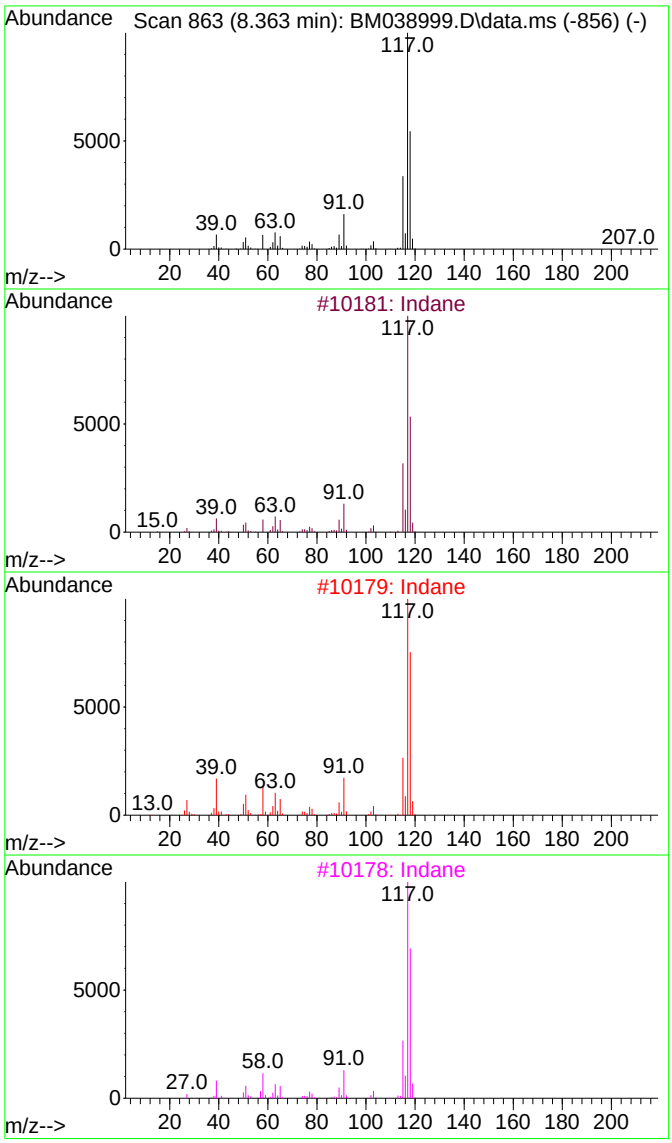
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

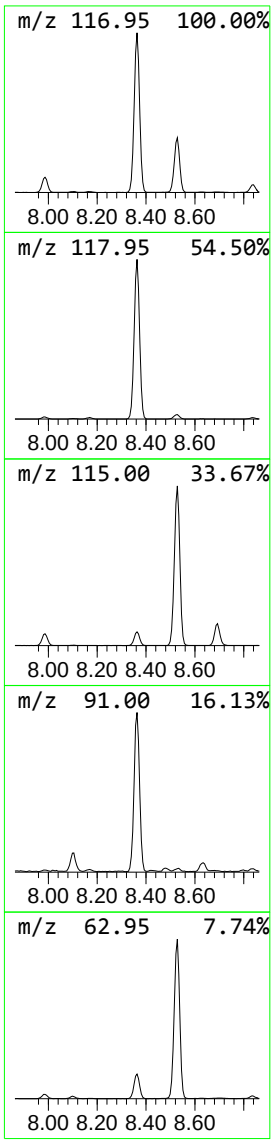
****

Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	19.85 ng/ul	2230870	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Deltacyclene	118	C9H10	007785-10-6	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

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

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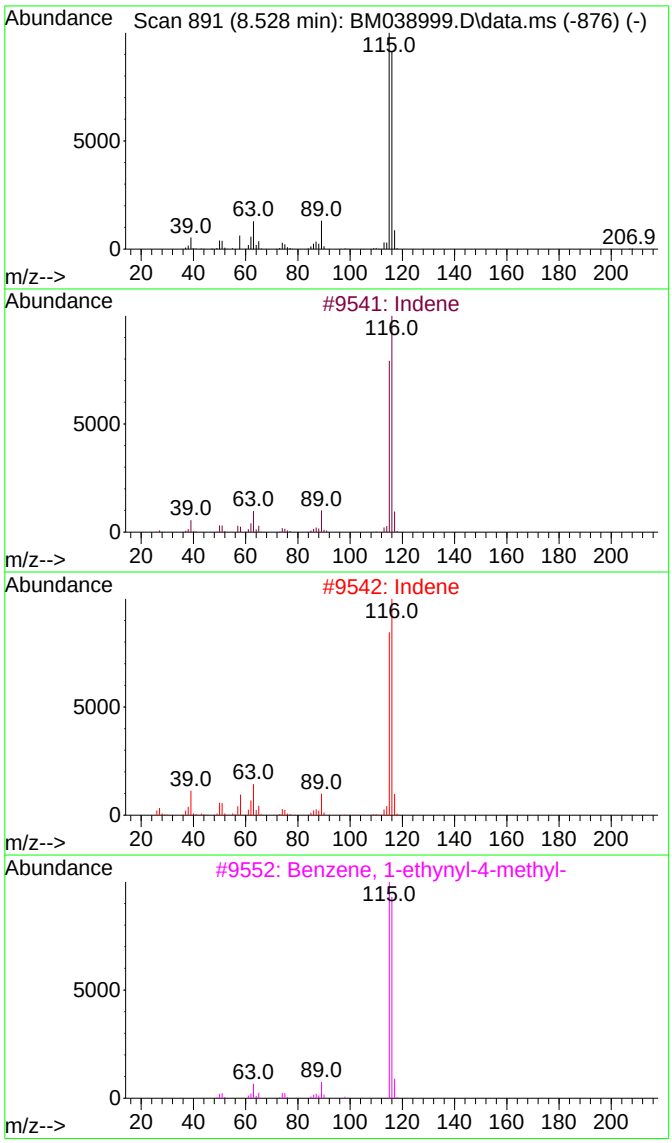
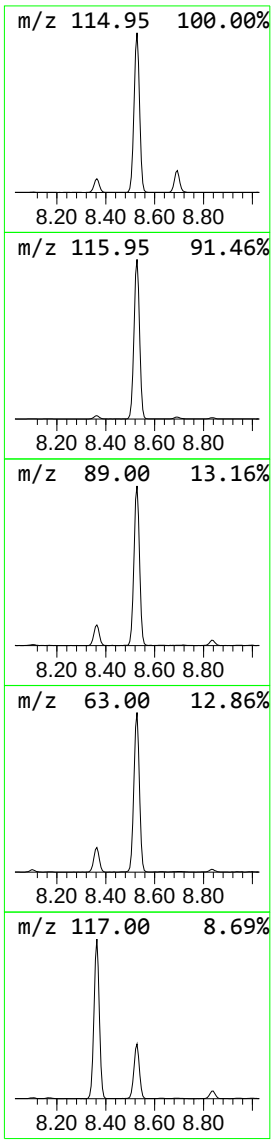
Peak Number 5 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	78.23 ng/ul	8792810	1,4-Dichlorobenzene-d4	7.987

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





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Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

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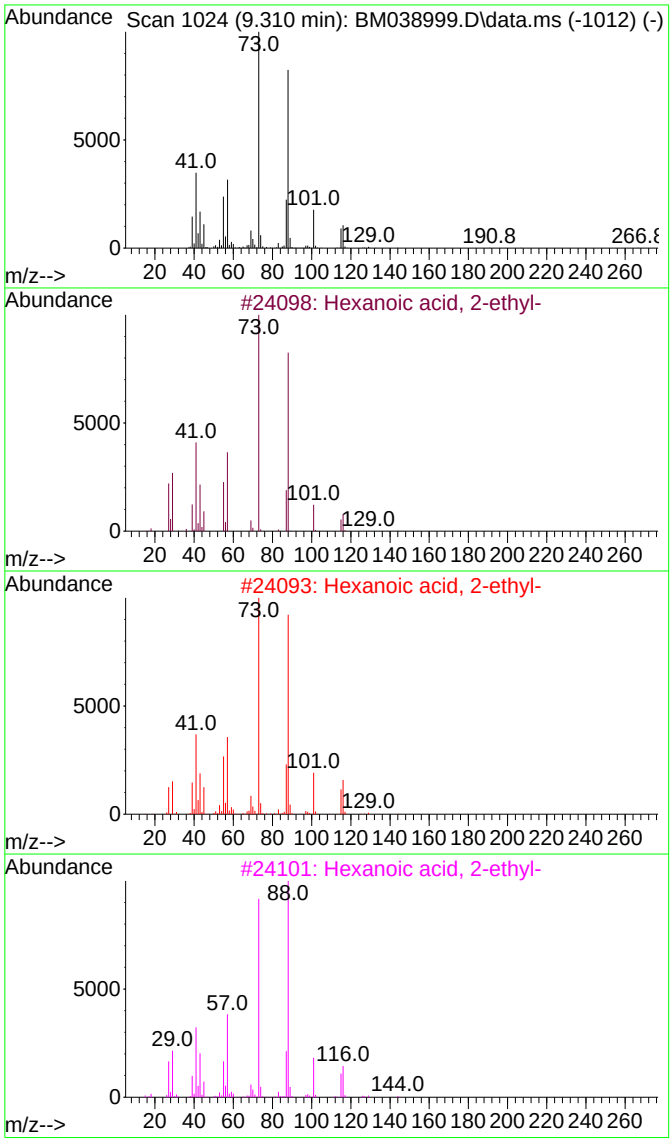
Quant Title : SVOA CALIBRATION

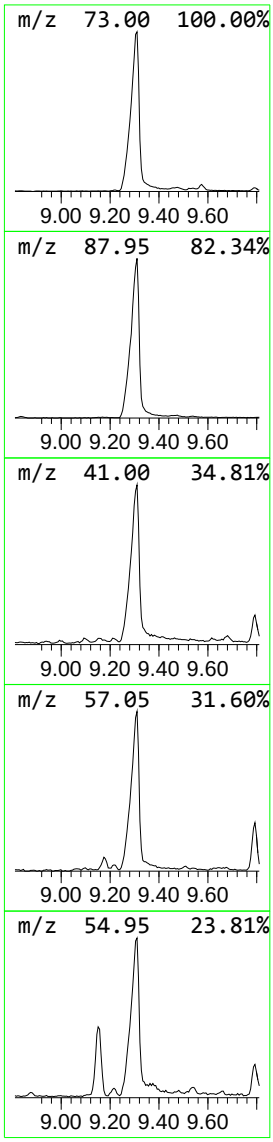
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	12.96 ng/ul	1456320	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

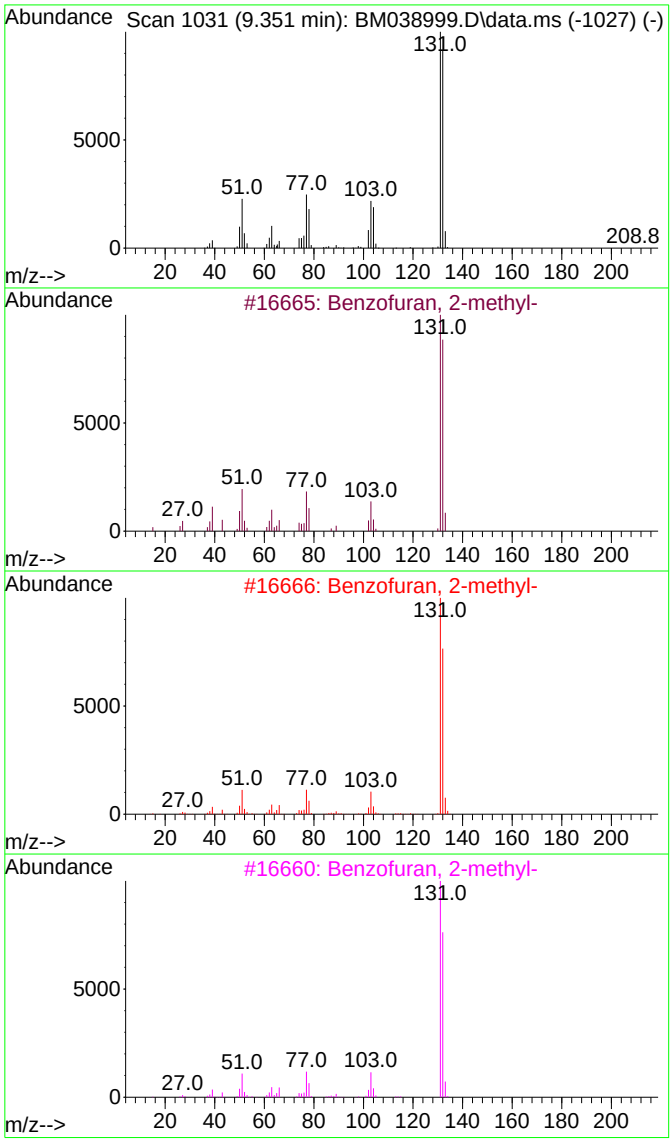
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

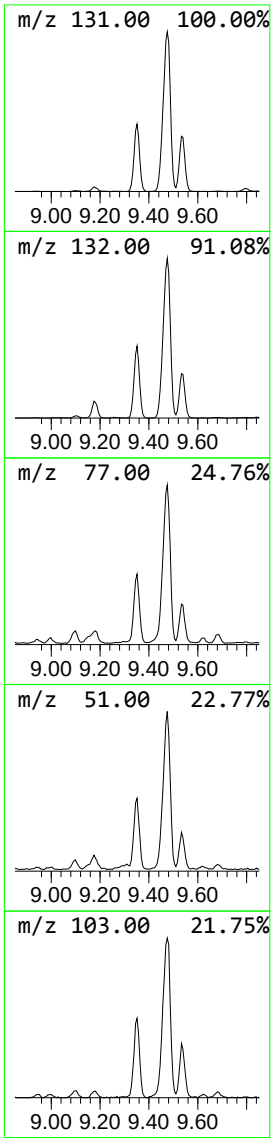
****

Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	5.99 ng/ul	673215	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





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BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

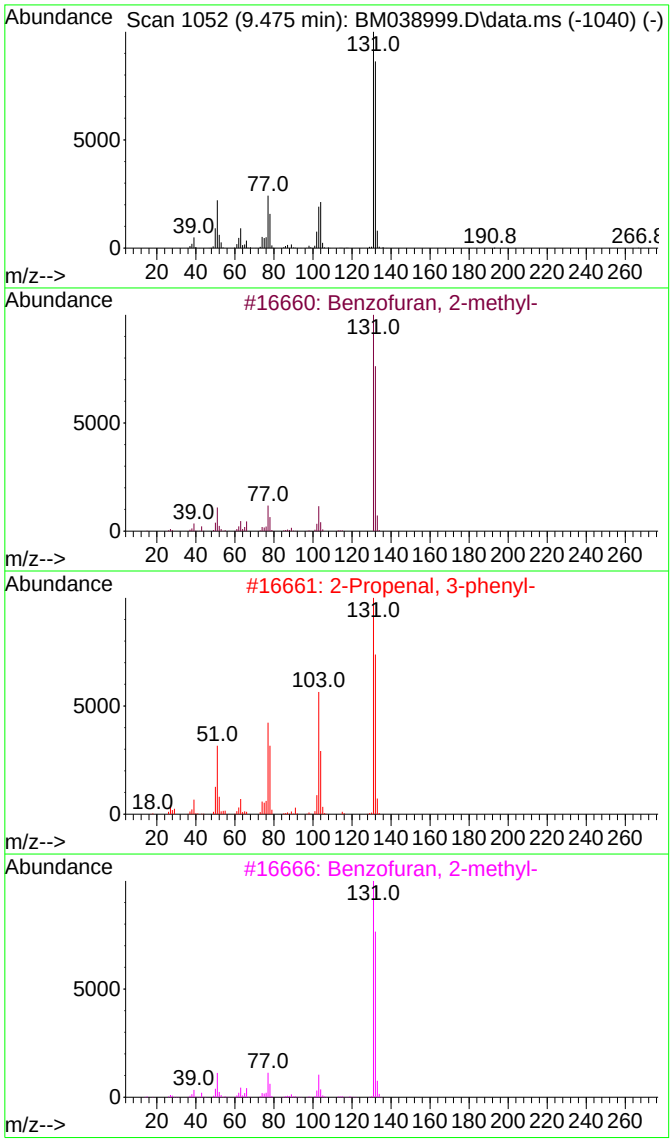
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

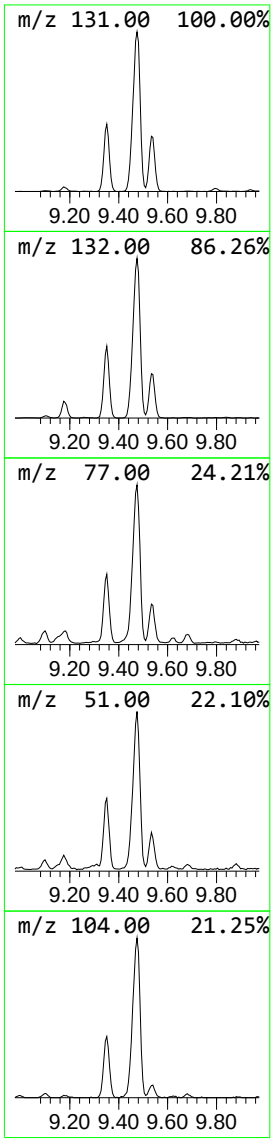
****

Peak Number 8 2-Propenal, 3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	11.89 ng/ul	1899920	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_M
ClientSampleId :
DCAE9

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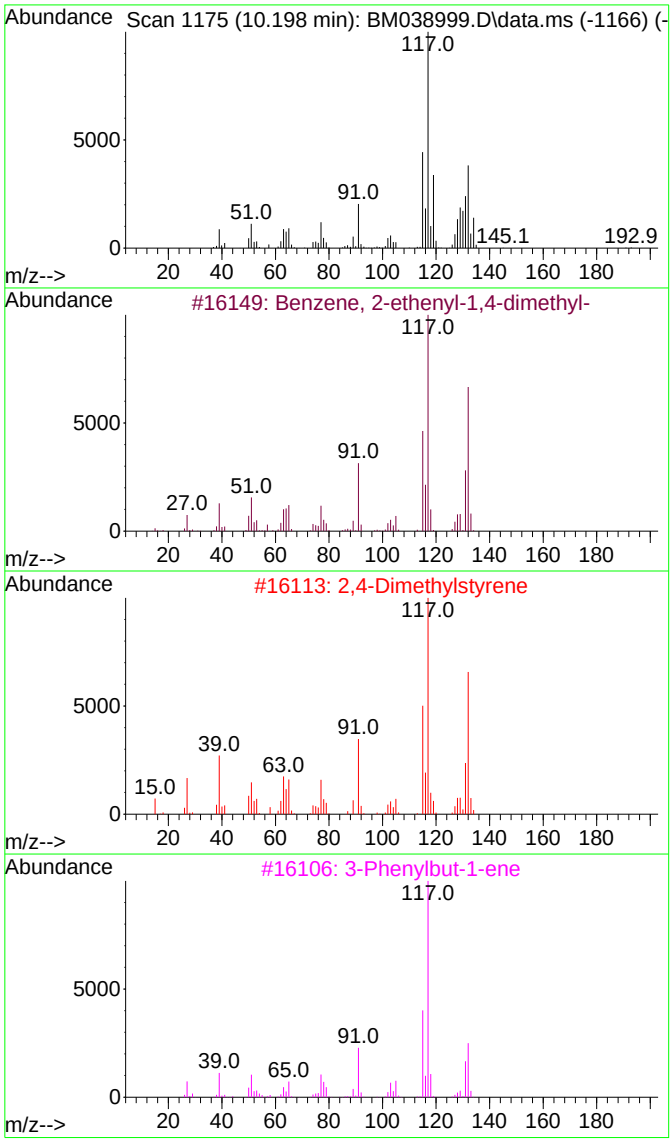
Quant Title : SVOA CALIBRATION

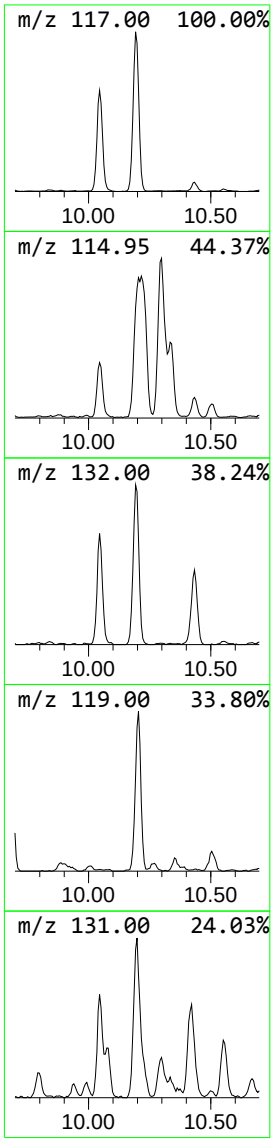
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	8.97 ng/ul	1434200	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70





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Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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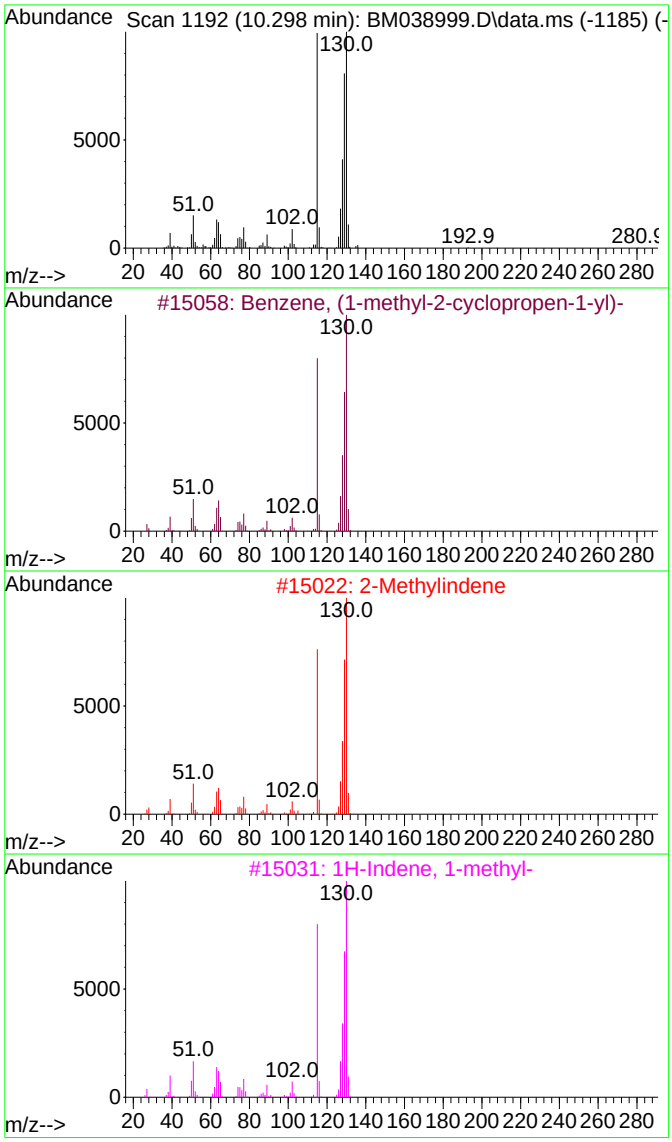
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

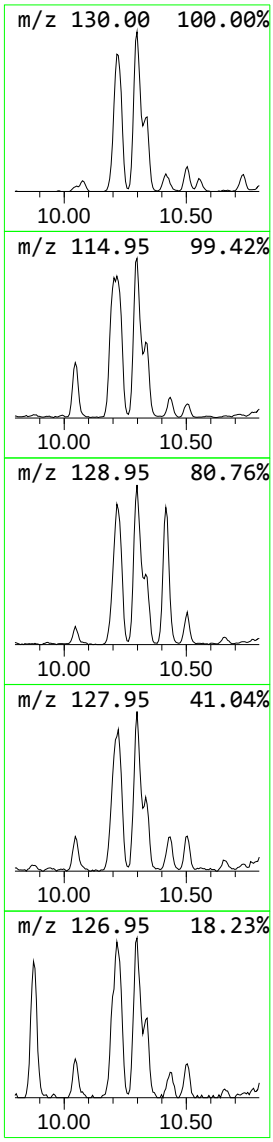
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1-methyl-2-cyclop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	3.80 ng/ul	608011	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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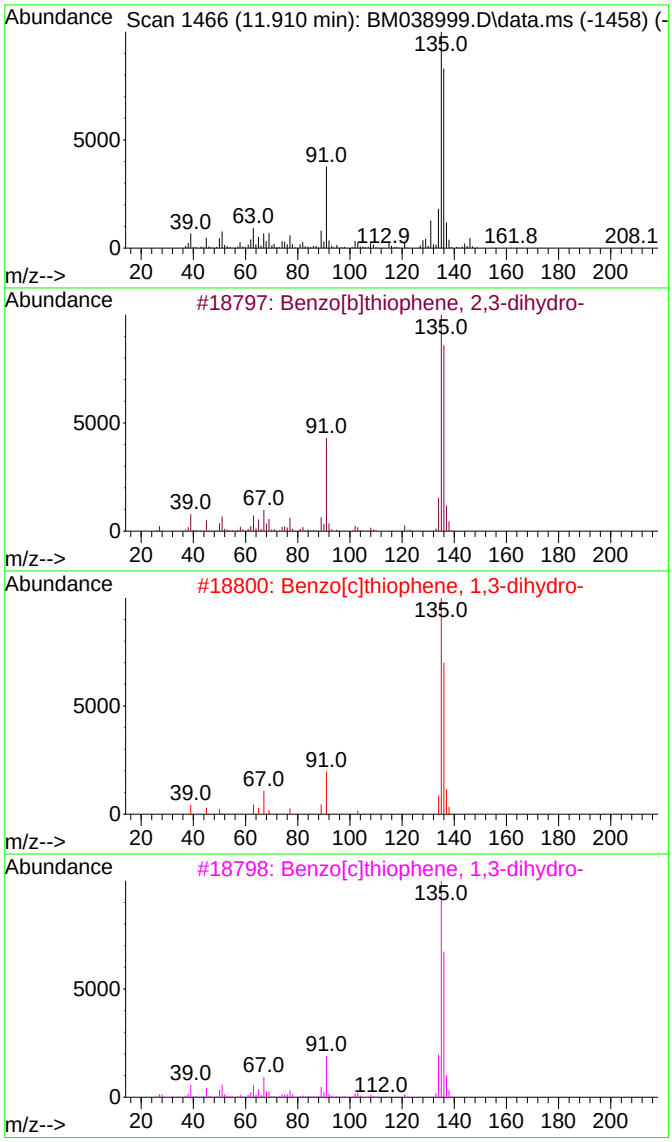
Quant Title : SVOA CALIBRATION

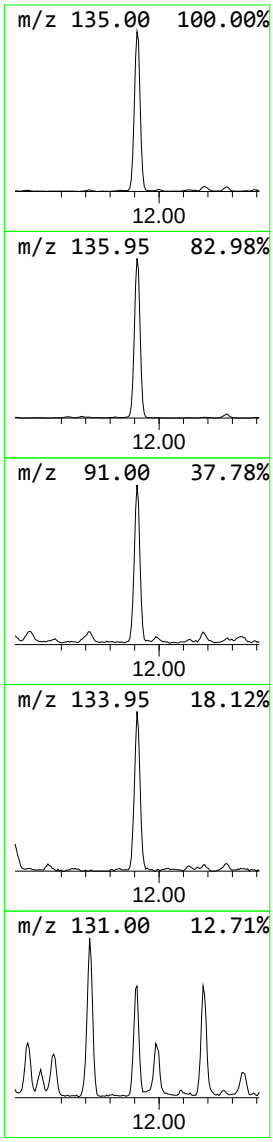
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	6.99 ng/ul	1117230	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	94
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	87
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
4	3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	72
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	72





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ALS Vial : 16 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

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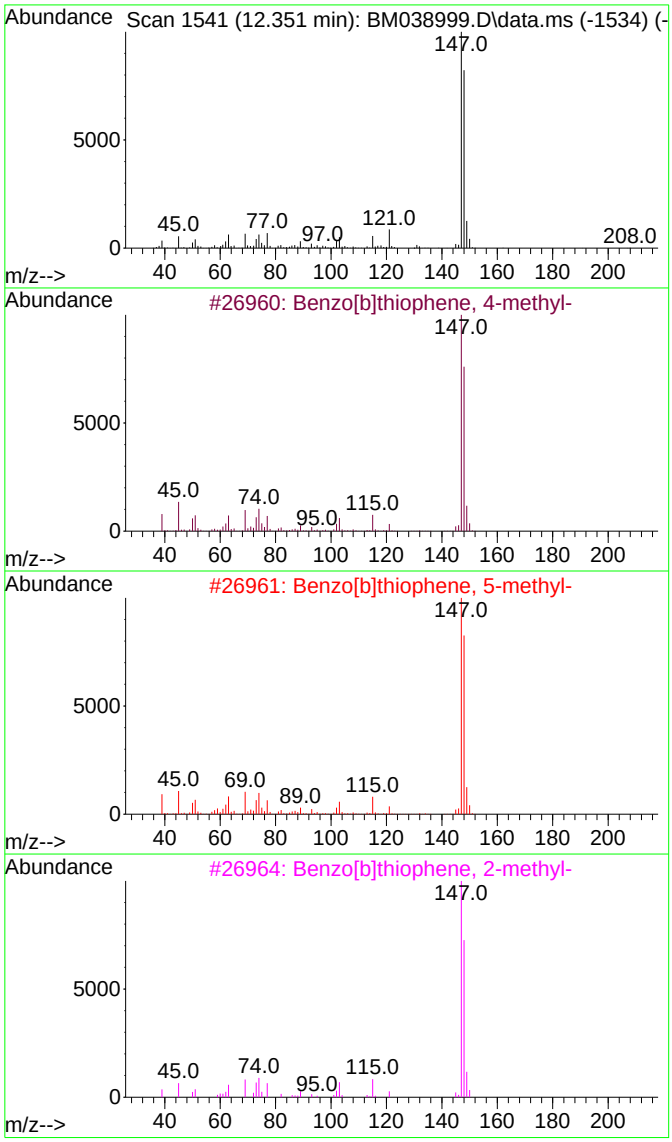
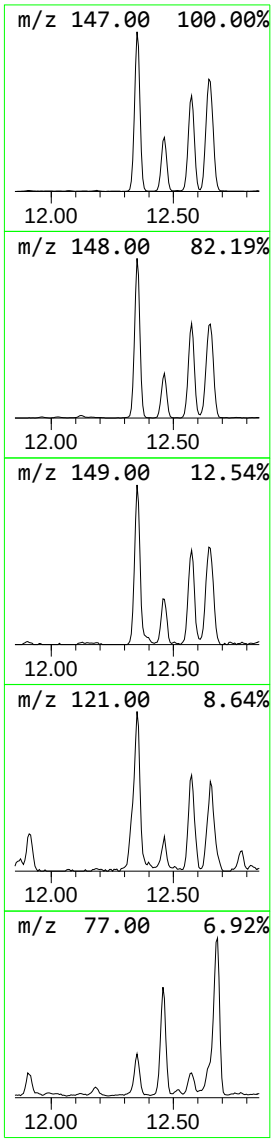
Peak Number 15 Benzo[b]thiophene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.351	8.13 ng/ul	1299700	Naphthalene-d8	10.810

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





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Quant Title : SVOA CALIBRATION

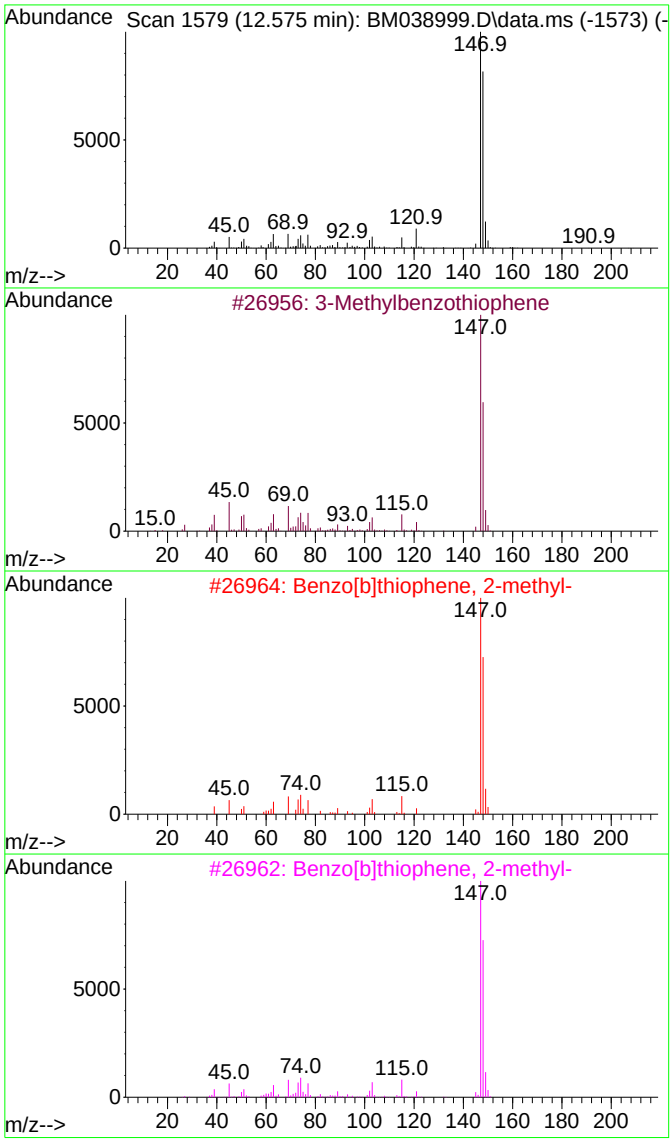
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

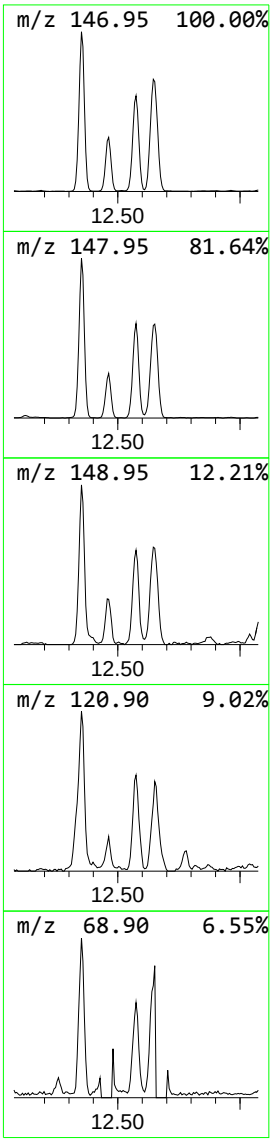
****

Peak Number 16 3-Methylbenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	4.84 ng/ul	773724	Naphthalene-d8	10.810

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





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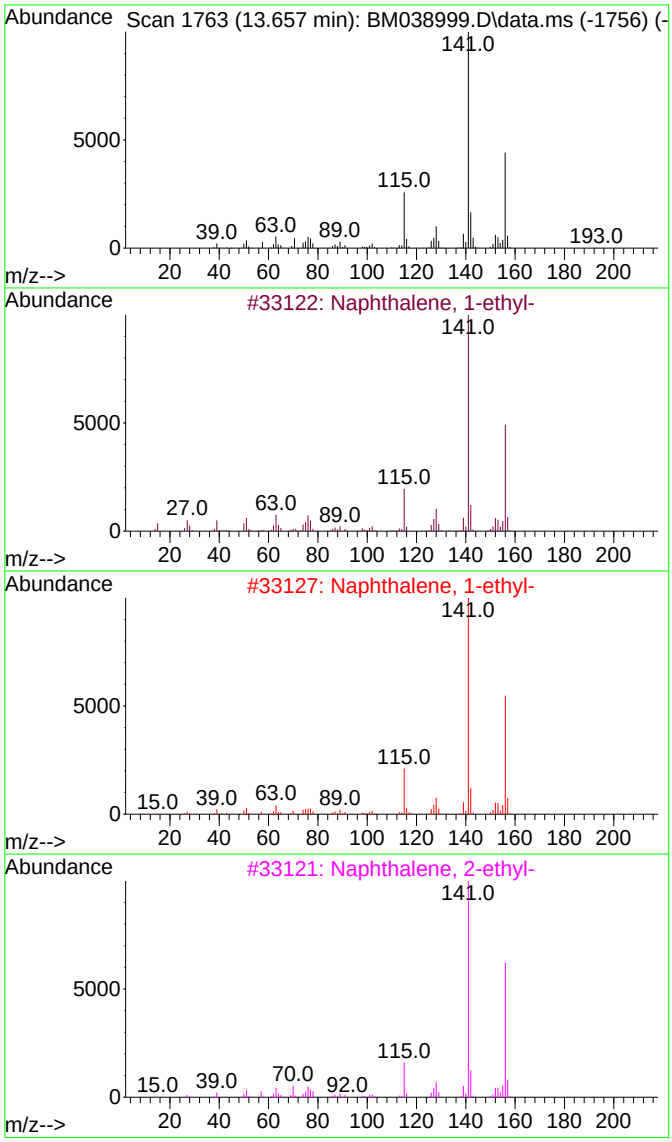
Quant Title : SVOA CALIBRATION

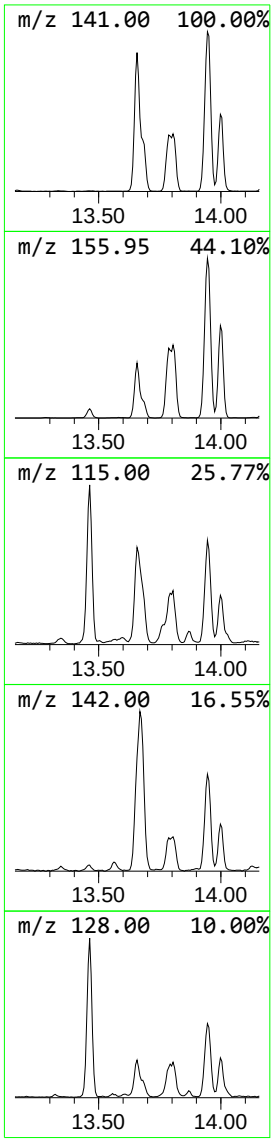
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.657	6.18 ng/ul	1779530	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





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Quant Title : SVOA CALIBRATION

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

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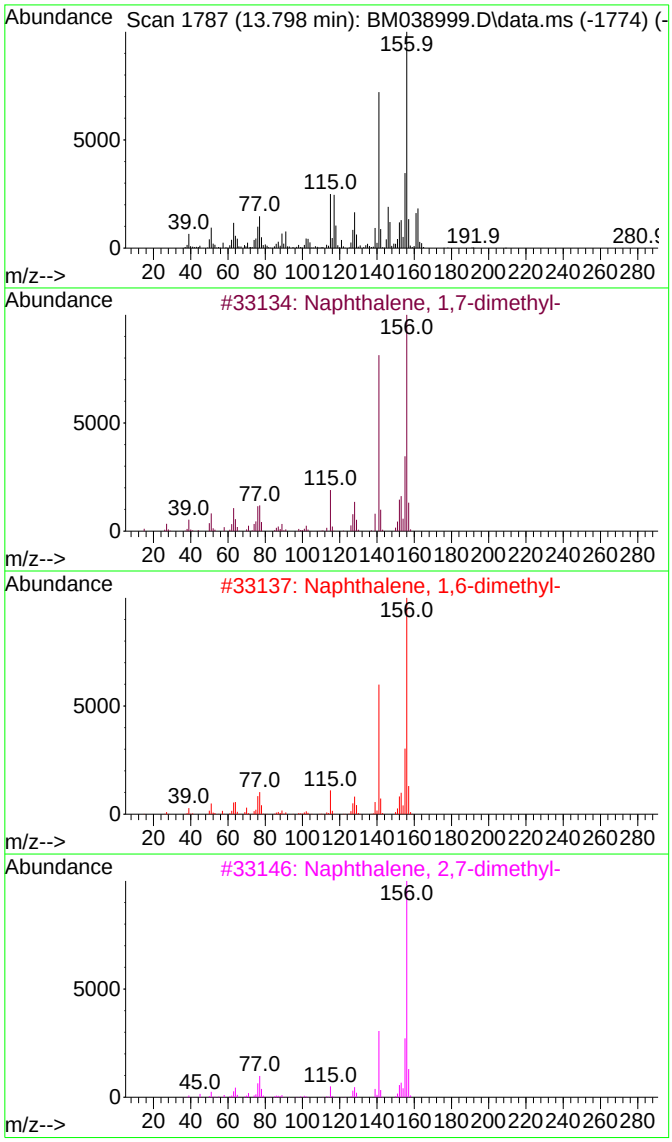
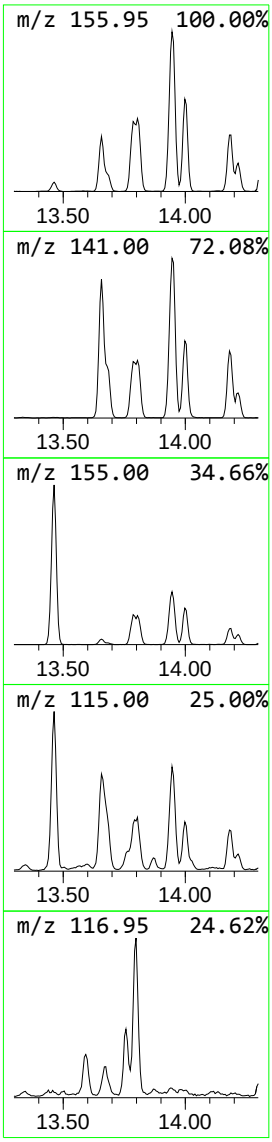
Peak Number 20 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	6.85 ng/ul	1972080	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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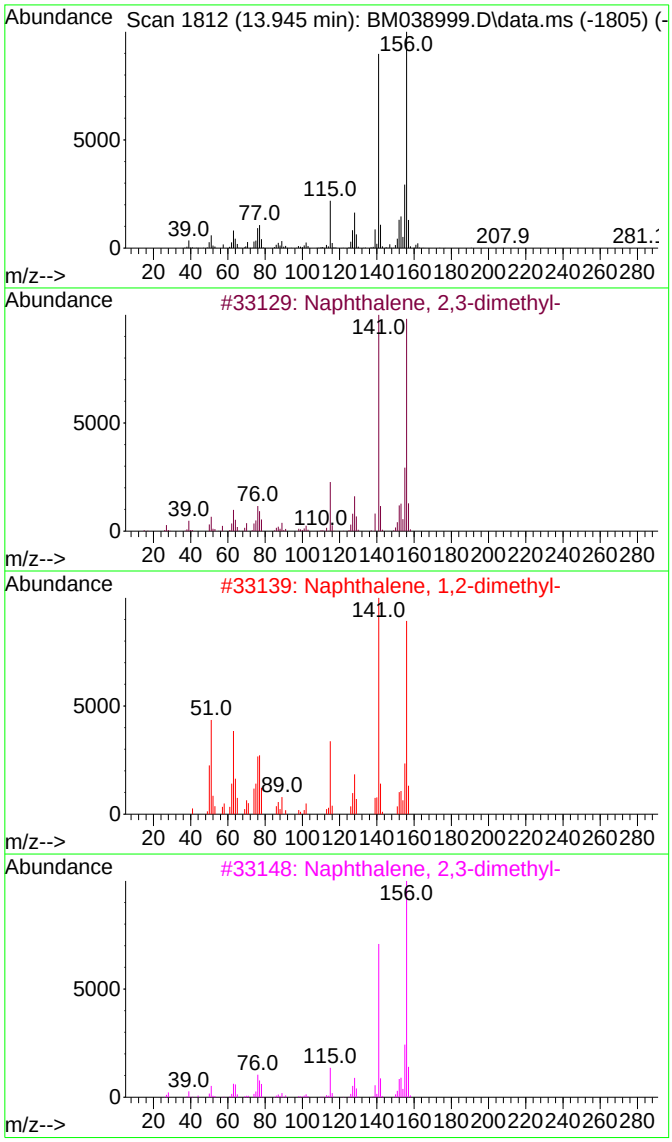
Quant Title : SVOA CALIBRATION

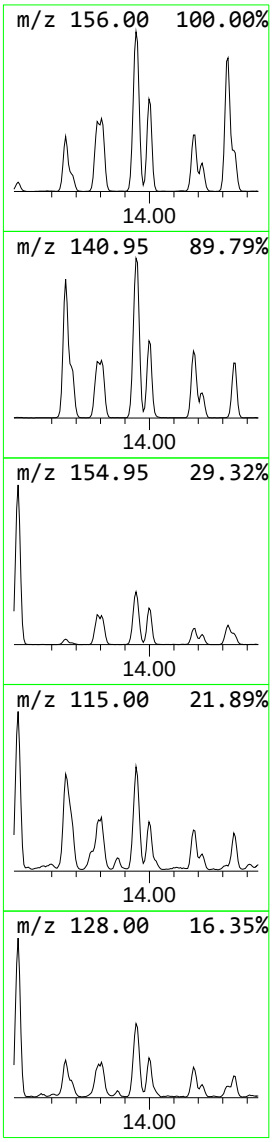
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	7.69 ng/ul	2213350	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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DCAE9

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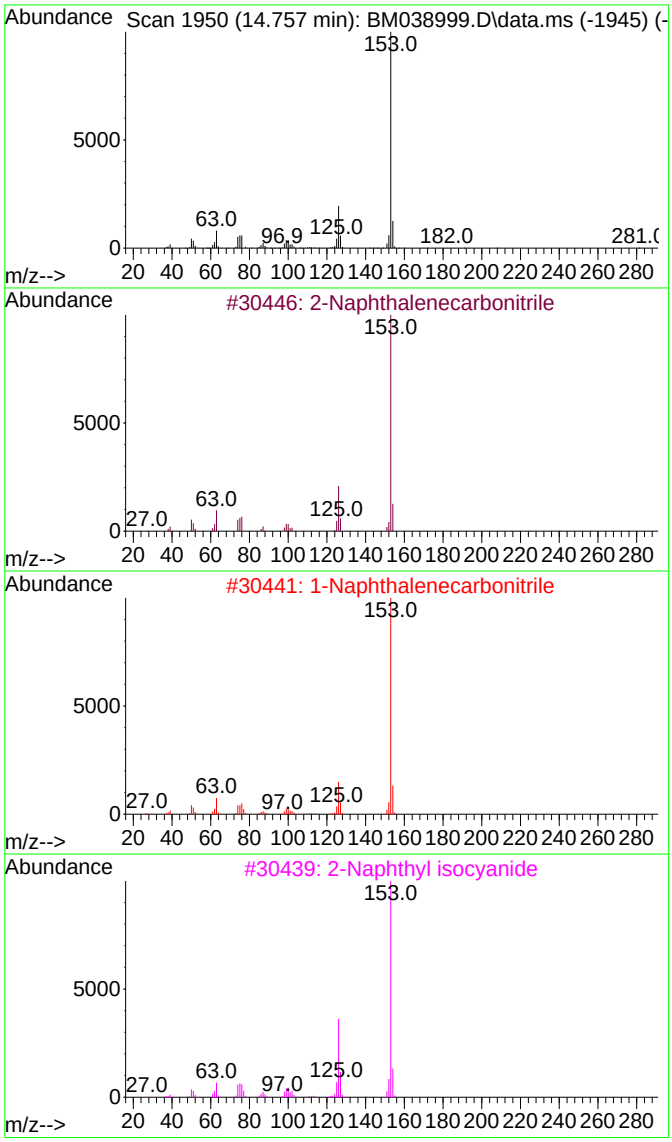
Quant Title : SVOA CALIBRATION

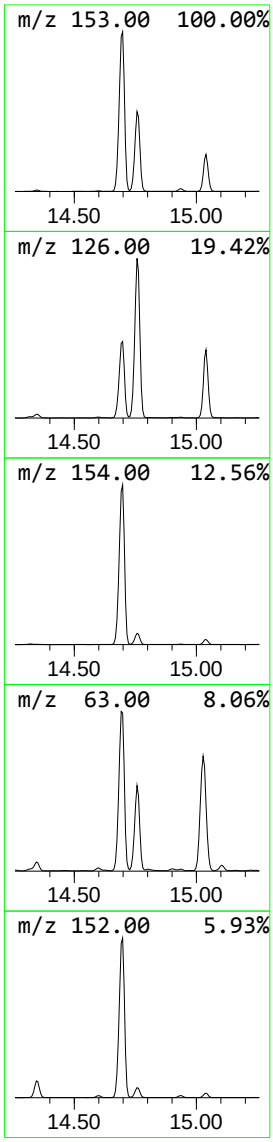
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2-Naphthalenecarbonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	35.05 ng/ul	10088600	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	94
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	93
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





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Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

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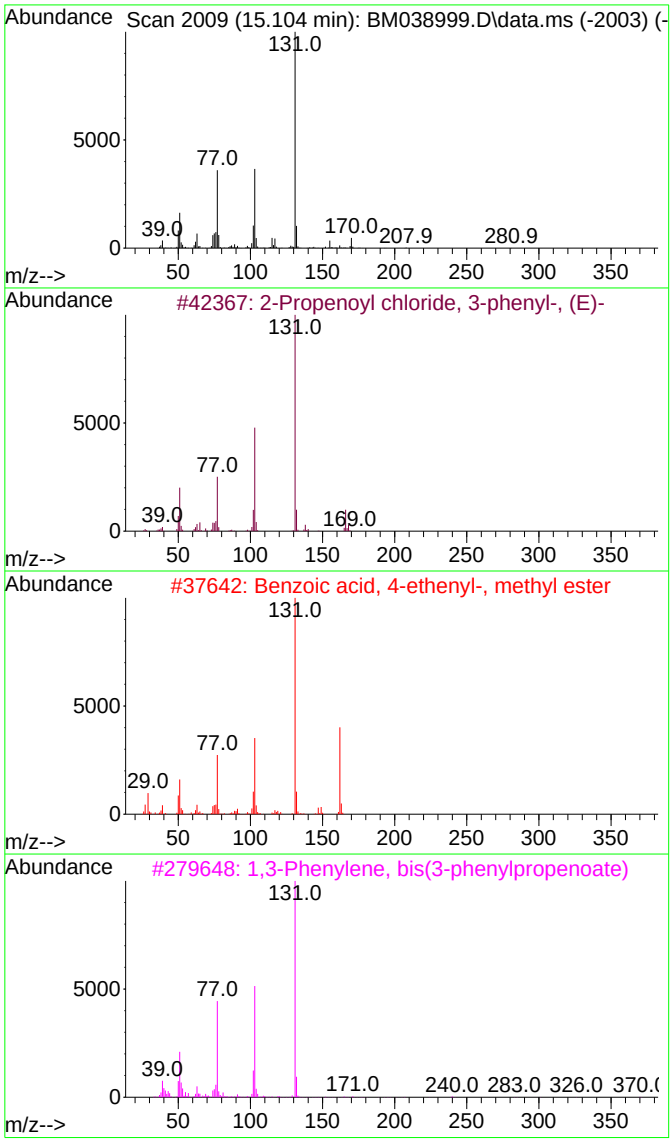
Quant Title : SVOA CALIBRATION

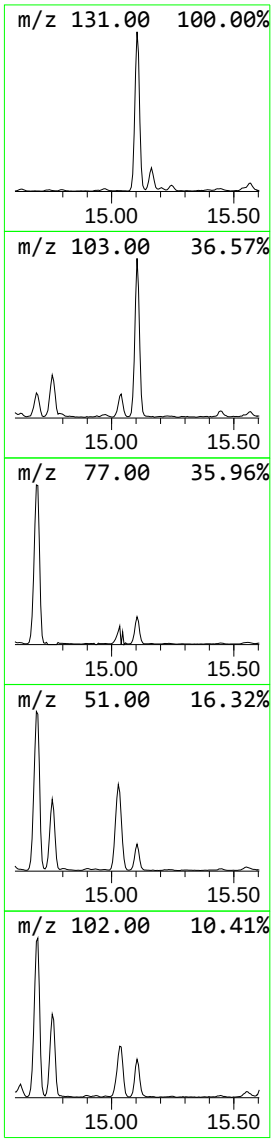
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2-Propenoyl chloride, 3-phe... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	3.95 ng/ul	1138160	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoyl chloride, 3-phenyl-,...	166	C9H7ClO	017082-09-6	78
2	Benzoic acid, 4-ethenyl-, methyl...	162	C10H10O2	001076-96-6	78
3	1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	78
4	4-Methylcoumarine-7-cinnamate	306	C19H14O4	300829-05-4	78
5	2-Propenoyl chloride, 3-phenyl-,...	166	C9H7ClO	017082-09-6	78





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Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

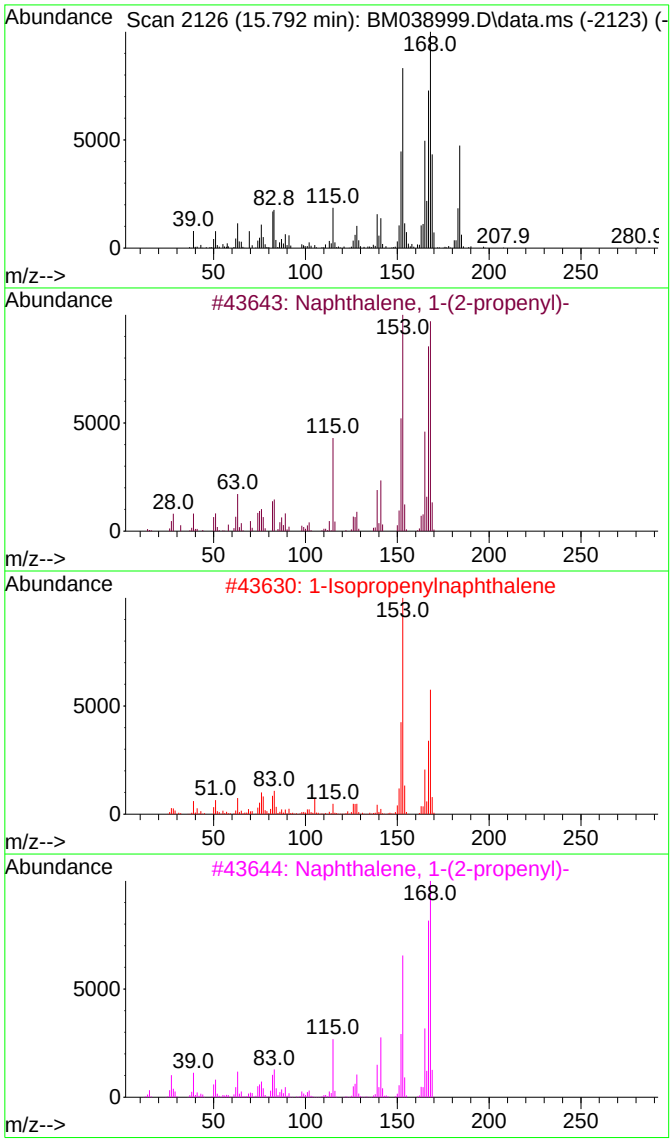
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

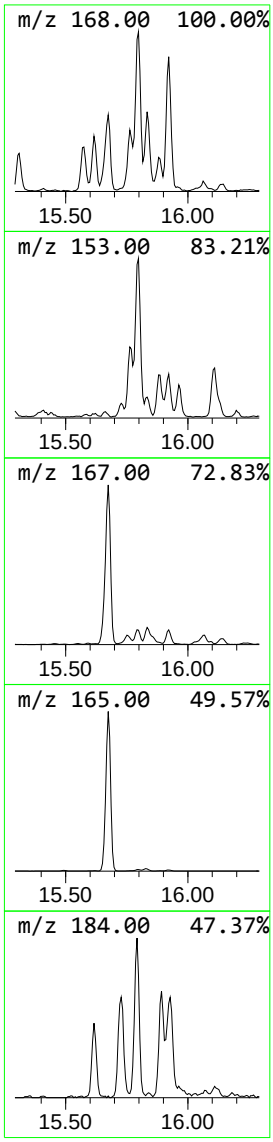
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 1-(2-propenyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	3.18 ng/ul	914029	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	83
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
5	2-Allylnaphthalene	168	C13H12	002489-87-4	45





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BNA_M
ClientSampleId :
DCAE9

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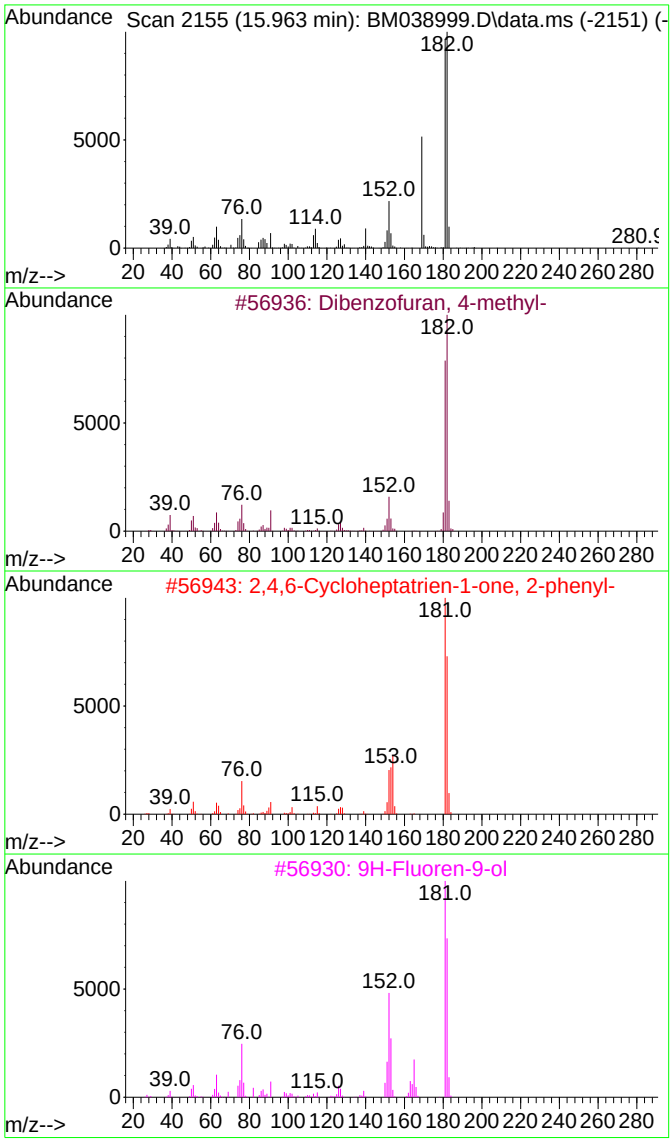
Quant Title : SVOA CALIBRATION

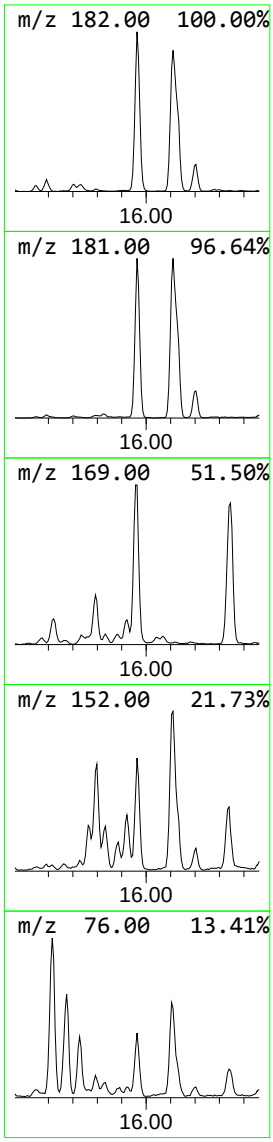
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Dibenzofuran, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	3.84 ng/ul	1106350	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	58
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	52
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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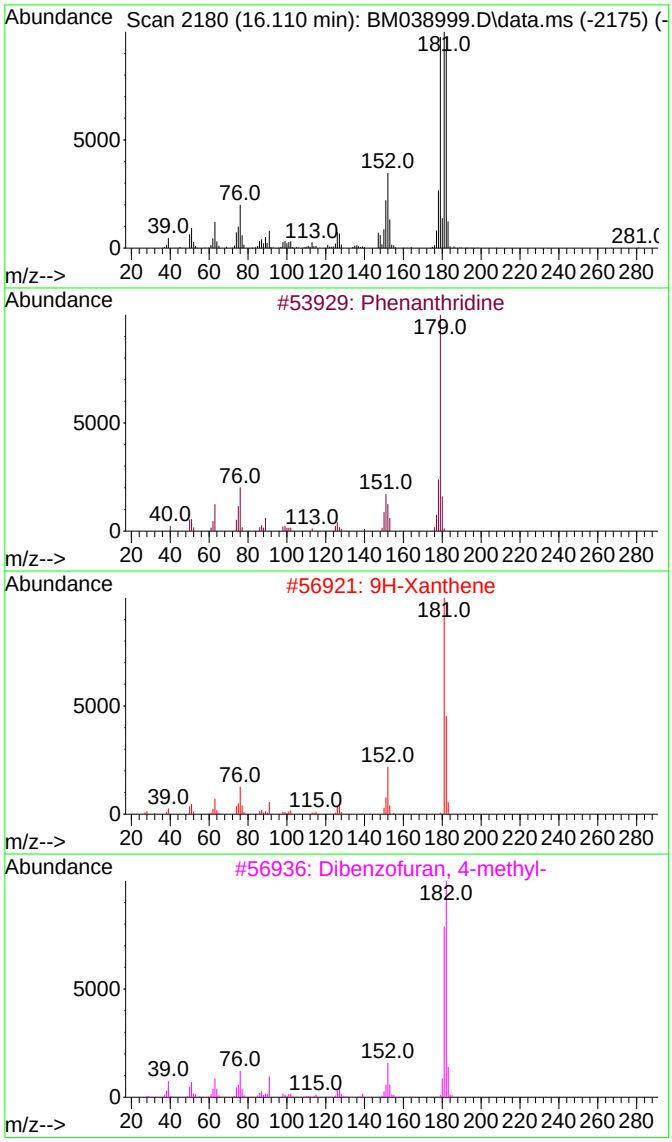
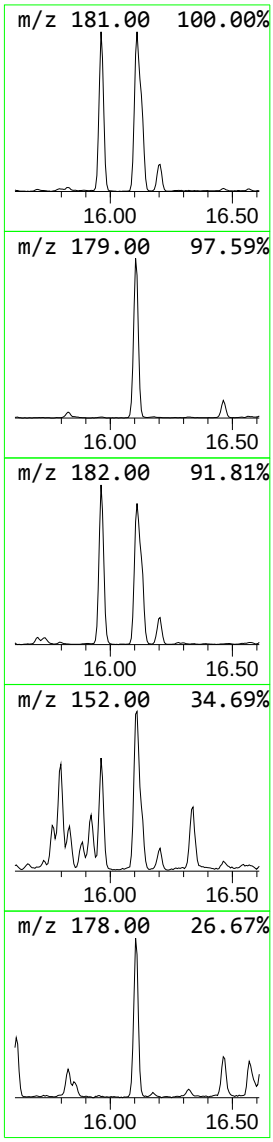
Peak Number 30 Phenanthridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	5.97 ng/ul	1882250	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	86
2	9H-Xanthene	182	C13H10O	000092-83-1	80
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	55
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	55





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Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_M
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Quant Title : SVOA CALIBRATION

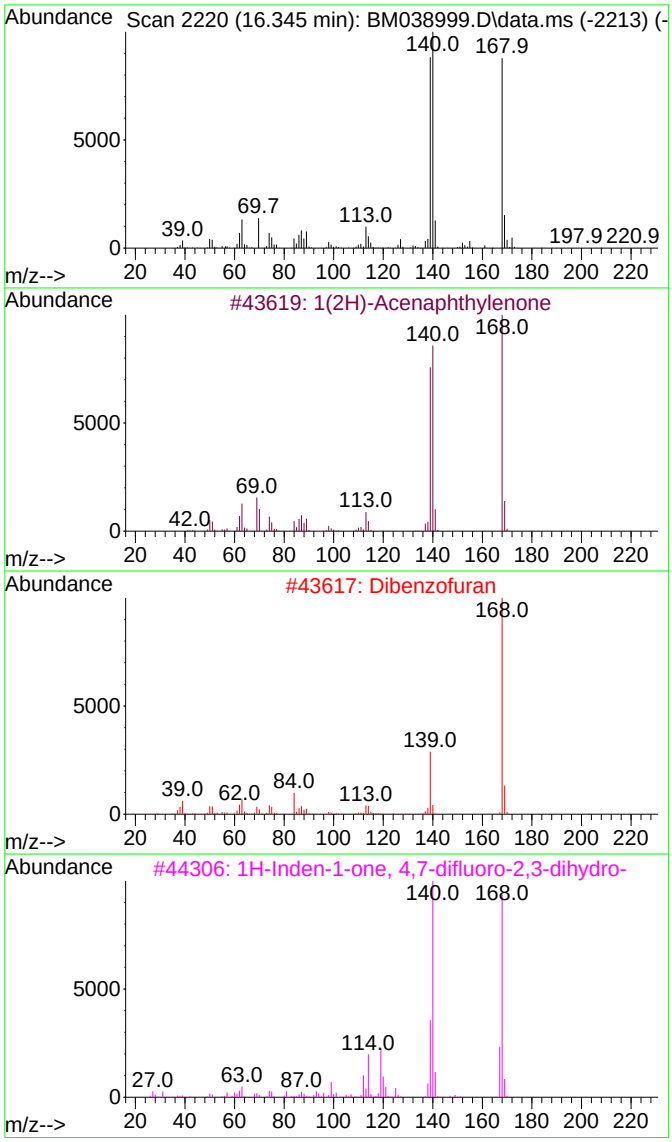
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

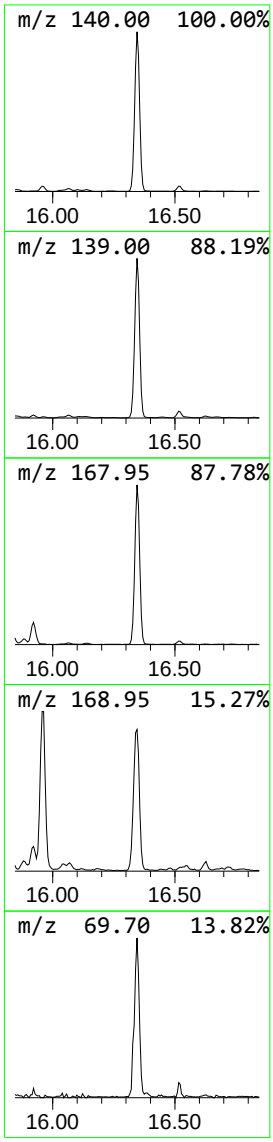
****

Peak Number 31 1(2H)-Acenaphthylenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.345	11.63 ng/ul	3667200	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Dibenzofuran	168	C12H8O	000132-64-9	64
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
4	Dibenzofuran	168	C12H8O	000132-64-9	50
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49





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Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

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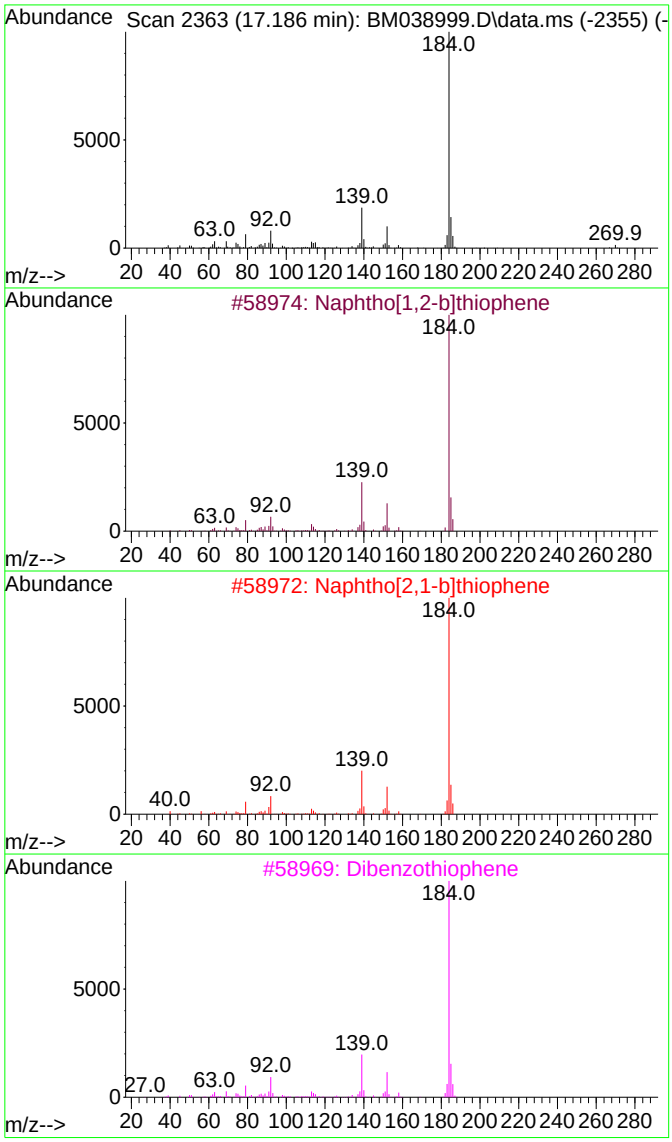
Quant Title : SVOA CALIBRATION

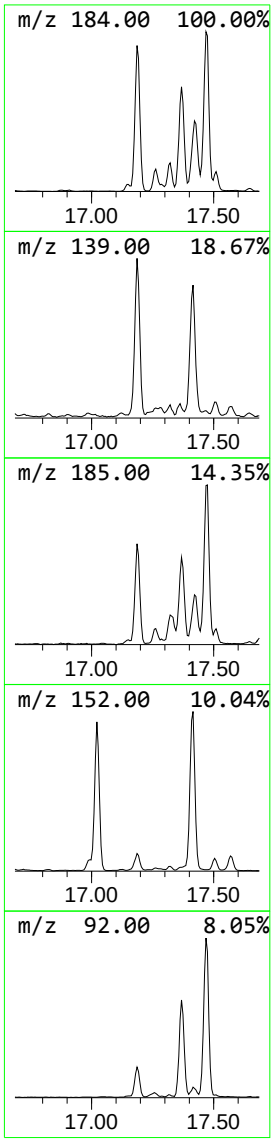
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphtho[1,2-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	4.66 ng/ul	1470560	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





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Sample : 01784-20
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ALS Vial : 16 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

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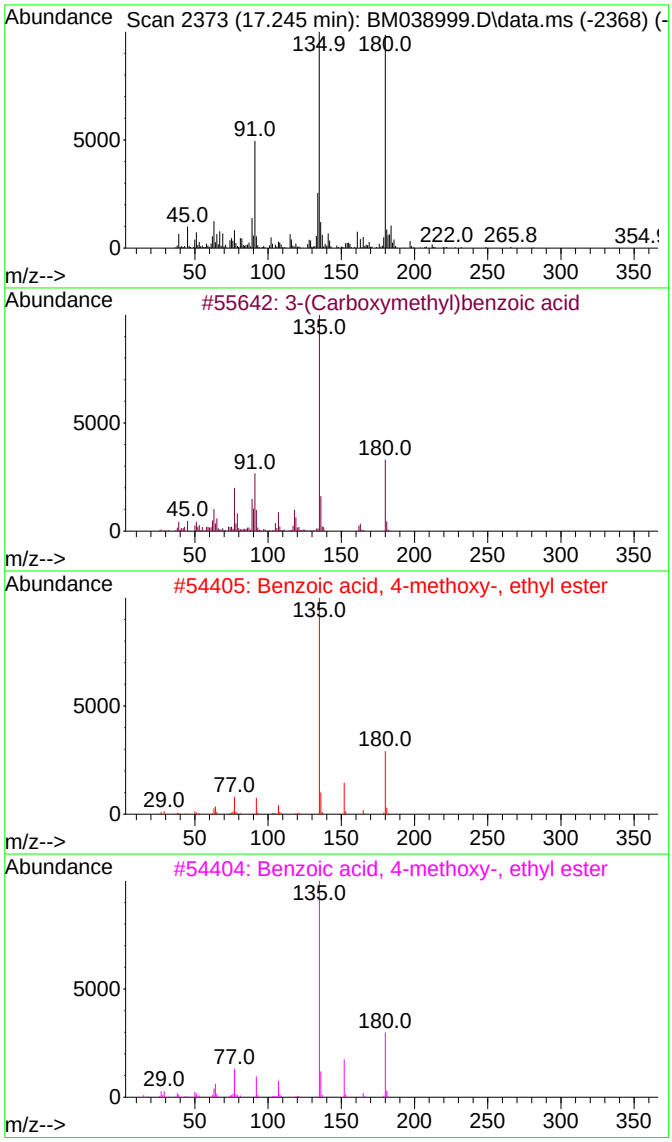
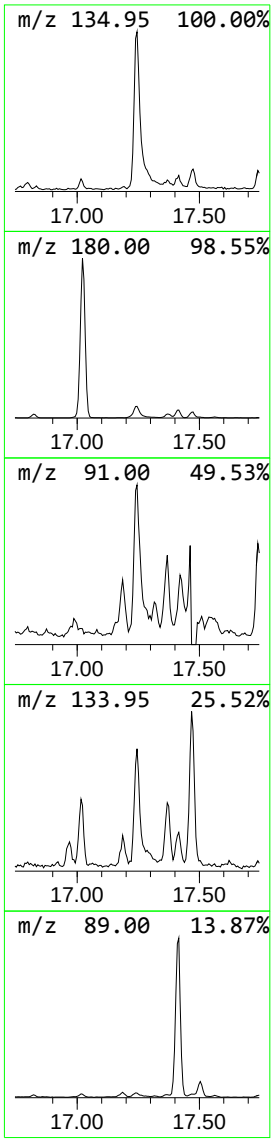
Peak Number 34 3-(Carboxymethyl)benzoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	3.08 ng/ul	970726	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Carboxymethyl)benzoic acid	180	C9H8O4	1000481-02-3	64
2	Benzoic acid, 4-methoxy-, ethyl ...	180	C10H12O3	000094-30-4	64
3	Benzoic acid, 4-methoxy-, ethyl ...	180	C10H12O3	000094-30-4	64
4	Benzoic acid, 4-methoxy-, ethyl ...	180	C10H12O3	000094-30-4	64
5	Benzoic acid, 4-methoxy-, ethyl ...	180	C10H12O3	000094-30-4	59





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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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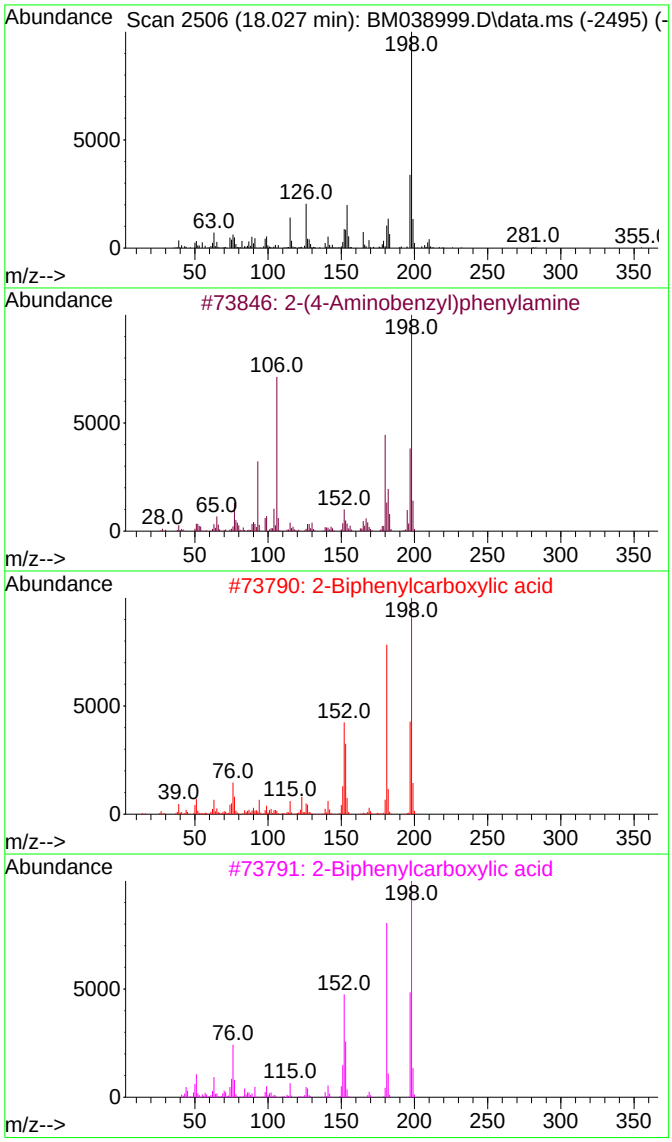
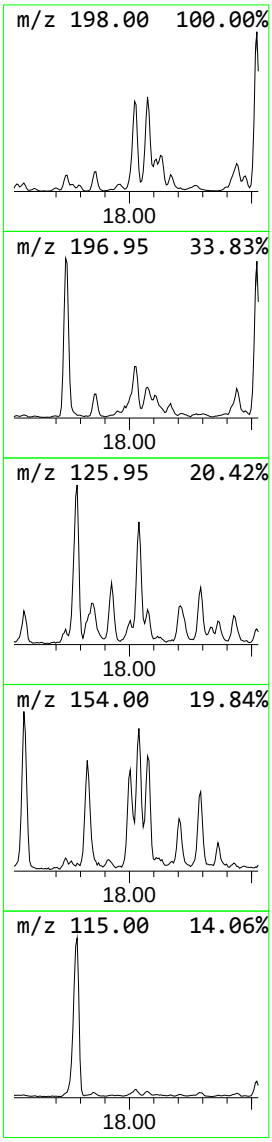
Peak Number 36 2-(4-Aminobenzyl)phenylamine Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.027	3.24 ng/ul	1021510	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Aminobenzyl)phenylamine	198	C13H14N2	1000497-49-7	64
2	2-Biphenylcarboxylic acid	198	C13H10O2	000947-84-2	58
3	2-Biphenylcarboxylic acid	198	C13H10O2	000947-84-2	58
4	3-Methylbenzidine	198	C13H14N2	067683-35-6	58
5	Naphtho[2,3-d]-1,3,2-dioxaborole...	198	C12H11BO2	125452-15-5	52





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Quant Title : SVOA CALIBRATION

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

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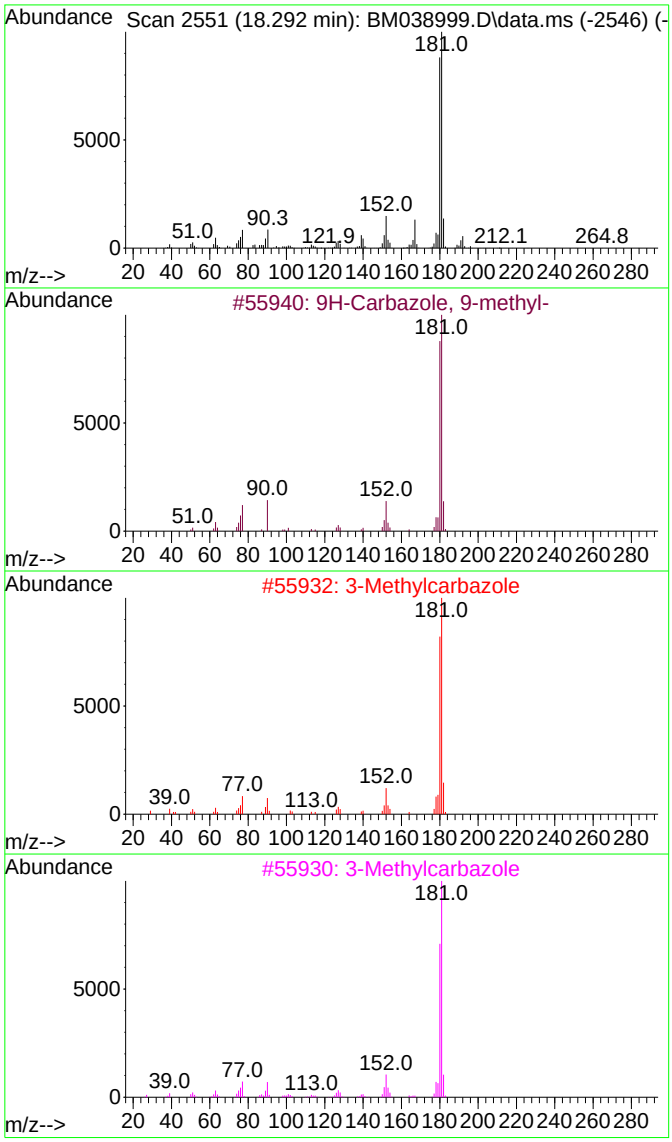
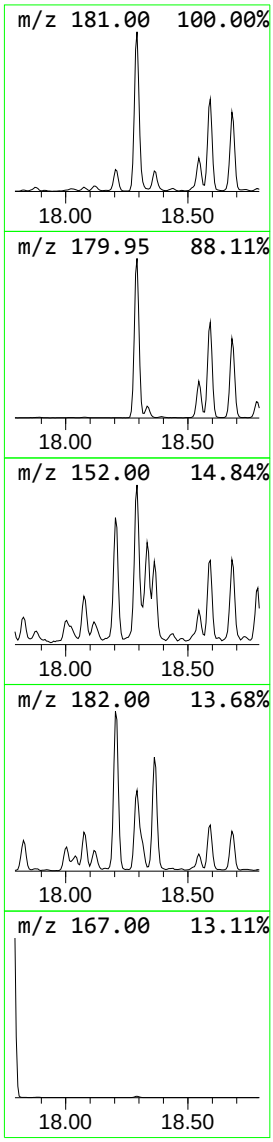
Peak Number 38 9H-Carbazole, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	8.73 ng/ul	2751650	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	94
2	3-Methylcarbazole	181	C13H11N	004630-20-0	93
3	3-Methylcarbazole	181	C13H11N	004630-20-0	93
4	1-Methylcarbazole	181	C13H11N	006510-65-2	93
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	91





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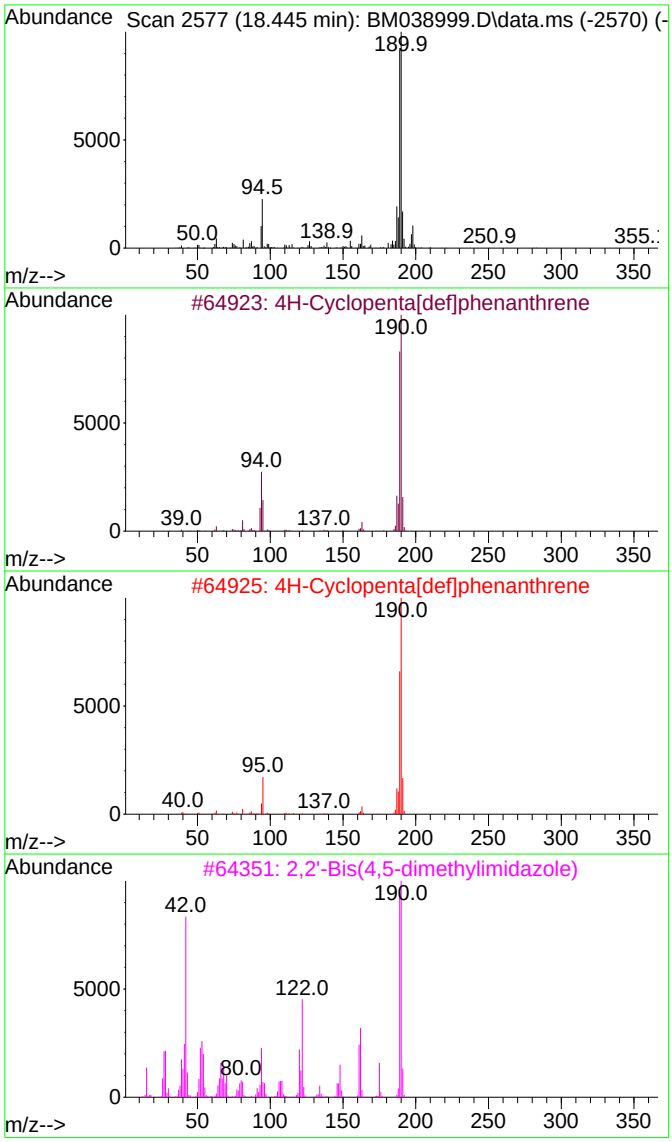
Quant Title : SVOA CALIBRATION

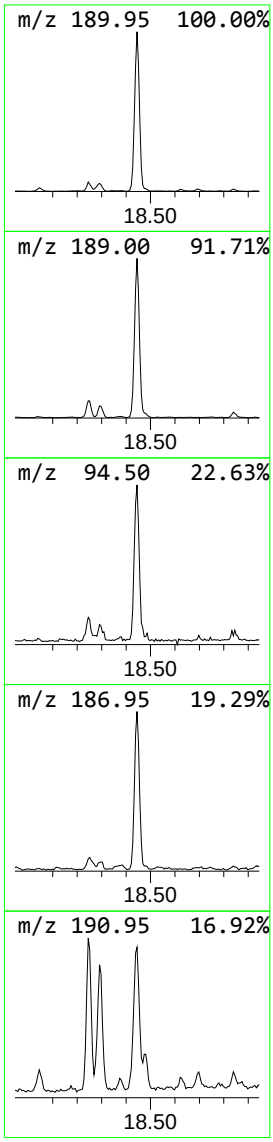
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 4H-Cyclopenta[def]phenanthrene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	3.64 ng/ul	1149000	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	42





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Quant Title : SVOA CALIBRATION

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

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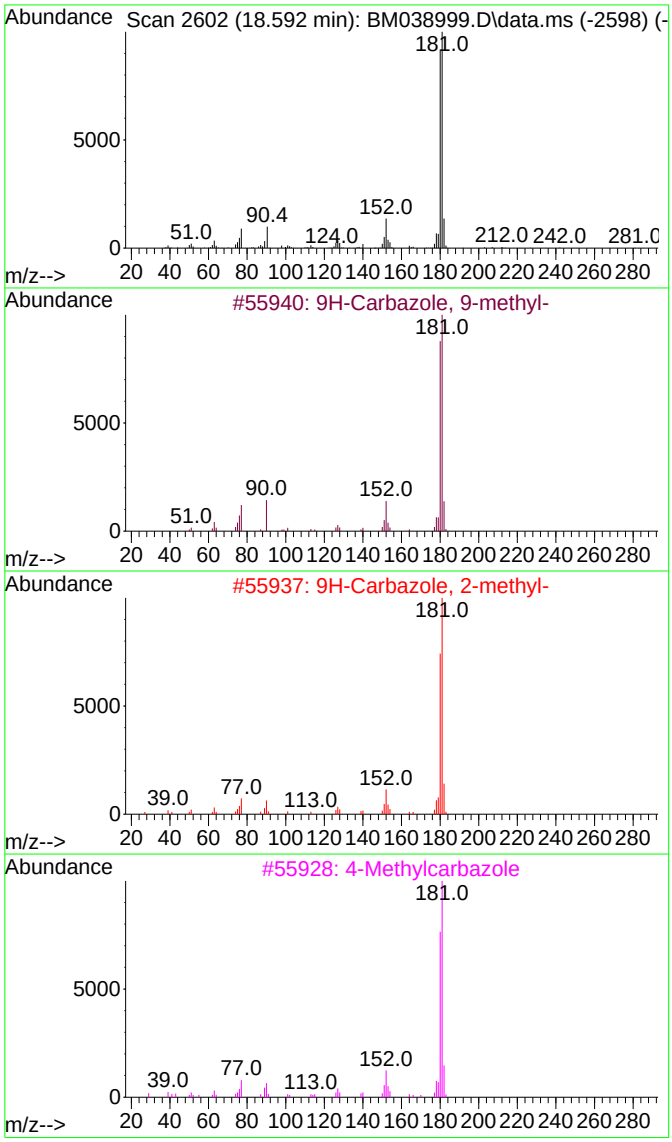
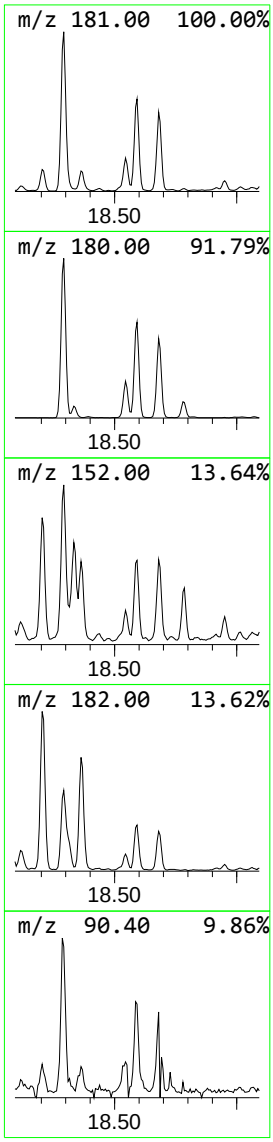
Peak Number 41 9H-Carbazole, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.592	4.22 ng/ul	1332200	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	97
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
3	4-Methylcarbazole	181	C13H11N	003770-48-7	96
4	3-Methylcarbazole	181	C13H11N	004630-20-0	95
5	4-Methylcarbazole	181	C13H11N	003770-48-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

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

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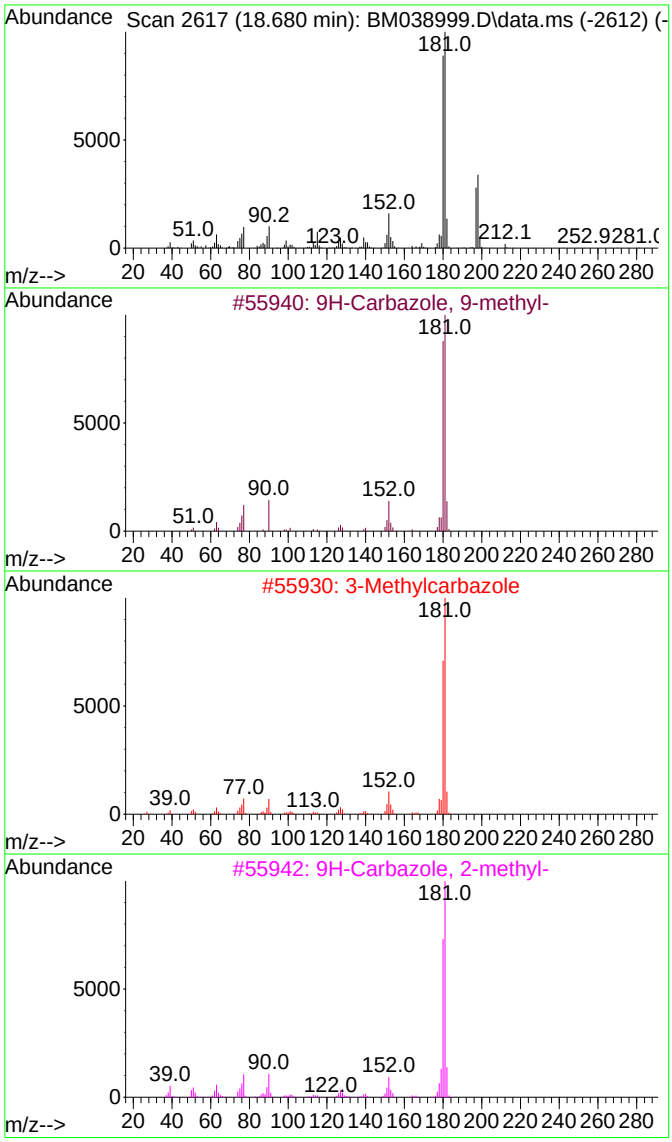
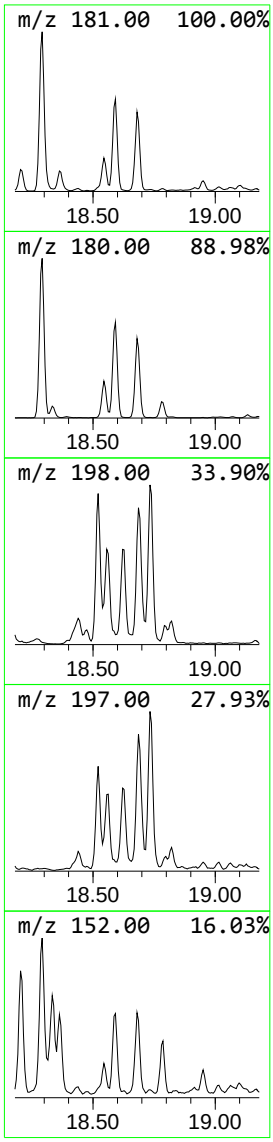
Peak Number 42 3-Methylcarbazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	5.66 ng/ul	1784940	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
2	3-Methylcarbazole	181	C13H11N	004630-20-0	94
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
4	4-Methylcarbazole	181	C13H11N	003770-48-7	90
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

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

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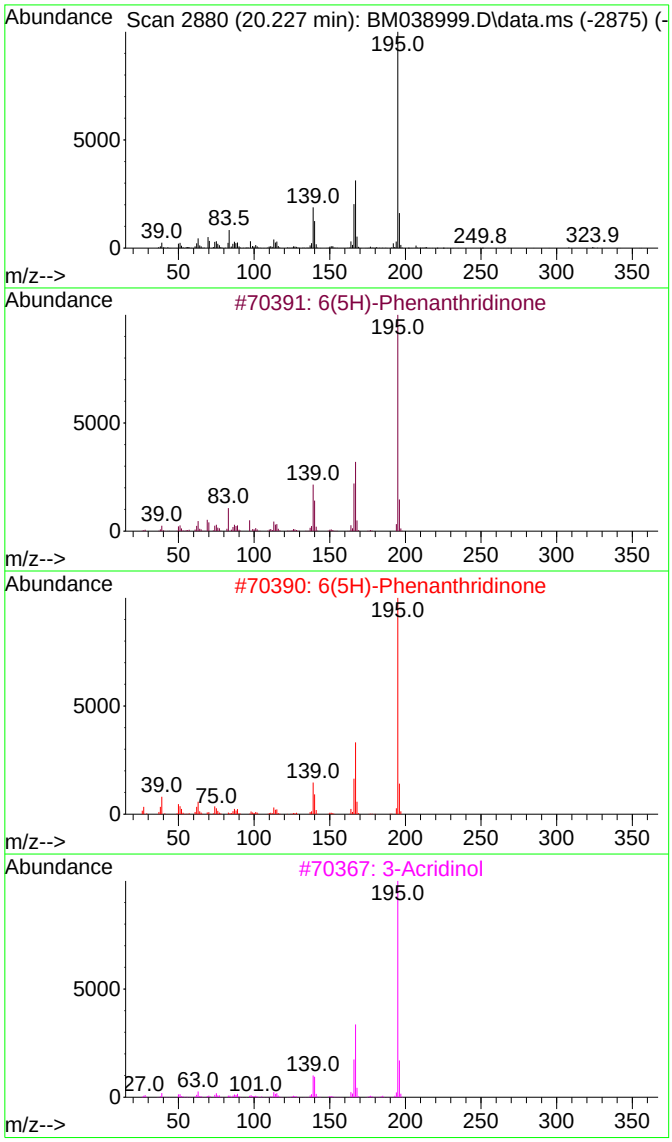
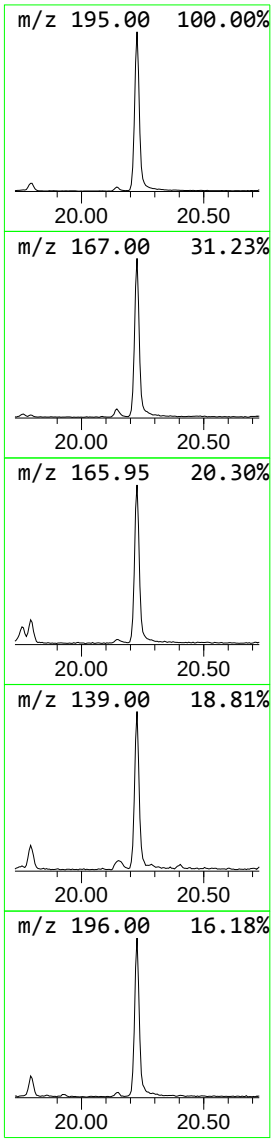
Peak Number 45 6(5H)-Phenanthridinone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.227	5.17 ng/ul	1440870	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
3	3-Acridinol	195	C13H9NO	007132-70-9	96
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038999.D
Acq On : 13 Mar 2023 20:48
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.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
Mesitylene	7.634	5.4	ng/ul	606976	1	7.987	2247830	20.0
Benzofuran	7.704	3.8	ng/ul	423006	1	7.987	2247830	20.0
Benzene, 1,2,3-...	8.098	3.1	ng/ul	349562	1	7.987	2247830	20.0
Indane	8.363	19.9	ng/ul	2230870	1	7.987	2247830	20.0
Indene	8.528	78.2	ng/ul	8792810	1	7.987	2247830	20.0
Hexanoic acid, ...	9.310	13.0	ng/ul	1456320	1	7.987	2247830	20.0
Benzofuran, 2-m...	9.351	6.0	ng/ul	673215	1	7.987	2247830	20.0
2-Propenal, 3-p...	9.475	11.9	ng/ul	1899920	2	10.810	3196190	20.0
Benzene, 2-ethe...	10.198	9.0	ng/ul	1434200	2	10.810	3196190	20.0
Benzene, (1-met...	10.298	3.8	ng/ul	608011	2	10.810	3196190	20.0
Benzo[b]thiophe...	11.910	7.0	ng/ul	1117230	2	10.810	3196190	20.0
Benzo[b]thiophe...	12.351	8.1	ng/ul	1299700	2	10.810	3196190	20.0
3-Methylbenzoth...	12.575	4.8	ng/ul	773724	2	10.810	3196190	20.0
Naphthalene, 1-...	13.657	6.2	ng/ul	1779530	3	14.627	5757320	20.0
Naphthalene, 1,...	13.798	6.8	ng/ul	1972080	3	14.627	5757320	20.0
Naphthalene, 2,...	13.945	7.7	ng/ul	2213350	3	14.627	5757320	20.0
2-Naphthaleneca...	14.757	35.0	ng/ul	10088600	3	14.627	5757320	20.0
2-Propenoyl chl...	15.104	4.0	ng/ul	1138160	3	14.627	5757320	20.0
Naphthalene, 1-...	15.792	3.2	ng/ul	914029	3	14.627	5757320	20.0
Dibenzofuran, 4...	15.963	3.8	ng/ul	1106350	3	14.627	5757320	20.0
Phenanthridine	16.110	6.0	ng/ul	1882250	4	17.368	6306340	20.0
1(2H)-Acenaphth...	16.345	11.6	ng/ul	3667200	4	17.368	6306340	20.0
Naphtho[1,2-b]t...	17.186	4.7	ng/ul	1470560	4	17.368	6306340	20.0
3-(Carboxymethy...	17.245	3.1	ng/ul	970726	4	17.368	6306340	20.0
2-(4-Aminobenzy...	18.027	3.2	ng/ul	1021510	4	17.368	6306340	20.0
9H-Carbazole, 9...	18.292	8.7	ng/ul	2751650	4	17.368	6306340	20.0
4H-Cyclopenta[d...	18.445	3.6	ng/ul	1149000	4	17.368	6306340	20.0
9H-Carbazole, 2...	18.592	4.2	ng/ul	1332200	4	17.368	6306340	20.0
3-Methylcarbazole	18.680	5.7	ng/ul	1784940	4	17.368	6306340	20.0
6(5H)-Phenanthr...	20.227	5.2	ng/ul	1440870	5	21.551	5575290	20.0