LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039527.D
Acq On : 20 Apr 2023 16:35
Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

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-BM041823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM039527.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.643	100	103	123	rBV	227505	436447	0.57%	0.116%
2	6.901	651	657	663	rBV	162516	257262	0.34%	0.068%
3	7.037	674	680	693	rVB	362987	557149	0.73%	0.148%
4	7.160	693	701	718	rBV	1011885	1818233	2.37%	0.484%
5	7.460	744	752	762	rBV	455325	726822	0.95%	0.193%
6	7.825	807	814	823	rBV	706863	1245833	1.63%	0.331%
7	7.931	827	832	842	rVV	210291	387635	0.51%	0.103%
8	8.189	869	876	893	rVB	828059	1386641	1.81%	0.369%
9	8.360	900	905	915	rVB	139133	248198	0.32%	0.066%
10	8.995	1007	1013	1037	rVV2	1197461	2399176	3.13%	0.638%
11	9.184	1039	1045	1055	rVV	132087	244610	0.32%	0.065%
12	9.313	1059	1067	1073	rVV	200172	430339	0.56%	0.114%
13	9.878	1157	1163	1170	rBV	171589	289453	0.38%	0.077%
14	10.025	1181	1188	1201	rVB2	387002	804648	1.05%	0.214%
15	10.719	1287	1306	1307	rBV2	27922378	76575678	100.00%	20.370%
16	10.813	1314	1322	1331	rVB	3388280	6331352	8.27%	1.684%
17	11.260	1393	1398	1409	rVB5	138060	340015	0.44%	0.090%
18	11.366	1410	1416	1431	rVV5	129511	339557	0.44%	0.090%
19	11.813	1486	1492	1501	rBV	1345704	2372734	3.10%	0.631%
20	12.036	1522	1530	1542	rBV	1238469	2161551	2.82%	0.575%
21	12.195	1548	1557	1567	rVB	903363	1543457	2.02%	0.411%
22	12.307	1567	1576	1589	rBV	18078164	30936646	40.40%	8.230%
23	12.430	1589	1597	1604	rVV	12796924	22358895	29.20%	5.948%
24	12.524	1604	1613	1626	rVB	11242952	19486696	25.45%	5.184%
25	12.854	1664	1669	1678	rBV	447280	775098	1.01%	0.206%
26	12.948	1678	1685	1693	rVB2	740062	1249324	1.63%	0.332%
27	13.030	1693	1699	1709	rBV	900231	1579253	2.06%	0.420%
28	13.254	1730	1737	1742	rBV	1264054	1902408	2.48%	0.506%
29	13.319	1742	1748	1757	rBV2	4484342	7555825	9.87%	2.010%
30	13.466	1766	1773	1776	rBV6	266093	565039	0.74%	0.150%
31	13.507	1776	1780	1783	rVV	550324	768342	1.00%	0.204%
32	13.536	1783	1785	1793	rVB	544478	755758	0.99%	0.201%
33	13.642	1794	1803	1804	rBV2	646956	1081754	1.41%	0.288%
34	13.801	1821	1830	1835	rBV	2022908	3946490	5.15%	1.050%
35	13.854	1835	1839	1842	rVV	1090172	1629251	2.13%	0.433%
36	13.901	1842	1847	1855	rVV	2946378	4283847	5.59%	1.140%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

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-BM041823.MA.M
Title : SVOA CALIBRATION

37	14.007	1859	1865	1868	rVV	812887	1390551	1.82%	0.370%
38	14.036	1868	1870	1873	rVV	470247	603500	0.79%	0.161%
39	14.066	1873	1875	1887	rVB2	193305	340072	0.44%	0.090%
40	14.177	1887	1894	1902	rBV	4016564	7443869	9.72%	1.980%
41	14.248	1903	1906	1914	rVB	367436	623566	0.81%	0.166%
42	14.407	1926	1933	1937	rBV2	267117	504896	0.66%	0.134%
43	14.483	1937	1946	1951	rVV2	1833933	3026317	3.95%	0.805%
44	14.548	1951	1957	1964	rVV	8875879	13254336	17.31%	3.526%
45	14.624	1964	1970	1977	rBV	6316646	9719623	12.69%	2.586%
46	14.760	1988	1993	2001	rBV2	269870	472055	0.62%	0.126%
47	14.883	2008	2014	2025	rBV2	9041304	17140239	22.38%	4.560%
48	15.271	2075	2080	2089	rVV	175304	309648	0.40%	0.082%
49	15.354	2089	2094	2100	rVV2	156711	327231	0.43%	0.087%
50	15.424	2100	2106	2110	rVV2	1126968	2065432	2.70%	0.549%
51	15.477	2110	2115	2120	rVV	4806411	7023487	9.17%	1.868%
52	15.530	2120	2124	2136	rVV2	1411017	2863037	3.74%	0.762%
53	15.765	2160	2164	2170	rVV2	813011	1208345	1.58%	0.321%
54	15.824	2170	2174	2183	rVV2	609171	1024555	1.34%	0.273%
55	15.901	2183	2187	2189	rVV2	189645	279510	0.37%	0.074%
56	15.936	2189	2193	2196	rVV	1056019	1567020	2.05%	0.417%
57	15.977	2196	2200	2206	rVV3	1057315	2334570	3.05%	0.621%
58	16.042	2206	2211	2221	rVB	1716563	2742267	3.58%	0.729%
59	16.207	2232	2239	2248	rBV4	486262	1154918	1.51%	0.307%
60	16.312	2252	2257	2265	rVB3	152315	281391	0.37%	0.075%
61	16.407	2265	2273	2278	rBV2	386295	770728	1.01%	0.205%
62	16.477	2278	2285	2288	rVV2	412773	854462	1.12%	0.227%
63	16.512	2288	2291	2296	rVV	517551	791910	1.03%	0.211%
64	16.612	2303	2308	2314	rVV	1324312	2094560	2.74%	0.557%
65	16.665	2314	2317	2327	rVB	292778	536174	0.70%	0.143%
66	16.765	2328	2334	2345	rBV3	379133	820372	1.07%	0.218%
67	16.895	2346	2356	2365	rBV	6774903	10628929	13.88%	2.827%
68	17.054	2375	2383	2392	rVB	1039450	1643064	2.15%	0.437%
69	17.201	2404	2408	2410	rVV	337790	518280	0.68%	0.138%
70	17.236	2410	2414	2417	rVV	2021253	3021446	3.95%	0.804%
71	17.277	2417	2421	2426	rVV	10185138	14906030	19.47%	3.965%
72	17.336	2426	2431	2440	rVV2	6202446	10254257	13.39%	2.728%
73	17.418	2440	2445	2450	rVV2	1315180	2683363	3.50%	0.714%
74	17.465	2450	2453	2458	rVB	762806	1056357	1.38%	0.281%
75	17.536	2458	2465	2473	rBV2	485192	1037523	1.35%	0.276%
76	17.648	2474	2484	2489	rVV	6373850	10045016	13.12%	2.672%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02296-20
Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Title : SVOA CALIBRATION

77	17.695	2489	2492	2496	rVV	779031	1308046	1.71%	0.348%
78	17.730	2496	2498	2502	rVV	465583	543306	0.71%	0.145%
79	17.777	2502	2506	2510	rVB	371801	494340	0.65%	0.132%
80	17.948	2531	2535	2546	rVB2	410231	701242	0.92%	0.187%
81	18.065	2547	2555	2557	rVV3	130136	266715	0.35%	0.071%
82	18.106	2557	2562	2567	rVV2	573204	1013818	1.32%	0.270%
83	18.159	2567	2571	2576	rVV2	750595	1102441	1.44%	0.293%
84	18.206	2576	2579	2586	rVB	232651	334312	0.44%	0.089%
85	18.306	2591	2596	2601	rBV2	154071	313944	0.41%	0.084%
86	18.465	2619	2623	2627	rVV	249934	334732	0.44%	0.089%
87	18.559	2634	2639	2645	rVB	251733	388059	0.51%	0.103%
88	18.659	2651	2656	2662	rVV	1137705	1575952	2.06%	0.419%
89	19.130	2731	2736	2740	rBV	407451	573061	0.75%	0.152%
90	19.177	2740	2744	2753	rVV	464616	729977	0.95%	0.194%
91	19.295	2760	2764	2770	rVB	1028112	1325287	1.73%	0.353%
92	19.395	2777	2781	2793	rVB	639624	1021076	1.33%	0.272%
93	19.583	2809	2813	2816	rVV	381953	538919	0.70%	0.143%
94	19.630	2816	2821	2835	rVB	5414447	8204161	10.71%	2.182%
95	20.130	2899	2906	2922	rVV	2576303	4141653	5.41%	1.102%
96	20.730	3003	3008	3011	rBV	236740	367772	0.48%	0.098%
97	20.771	3011	3015	3029	rVB2	443146	830125	1.08%	0.221%
98	21.424	3121	3126	3138	rBV	2096314	2760289	3.60%	0.734%
99	23.641	3495	3503	3520	rBV2	2735429	5599088	7.31%	1.489%
100	23.788	3522	3528	3540	rVB2	1137839	2316218	3.02%	0.616%

Sum of corrected areas: 375918855

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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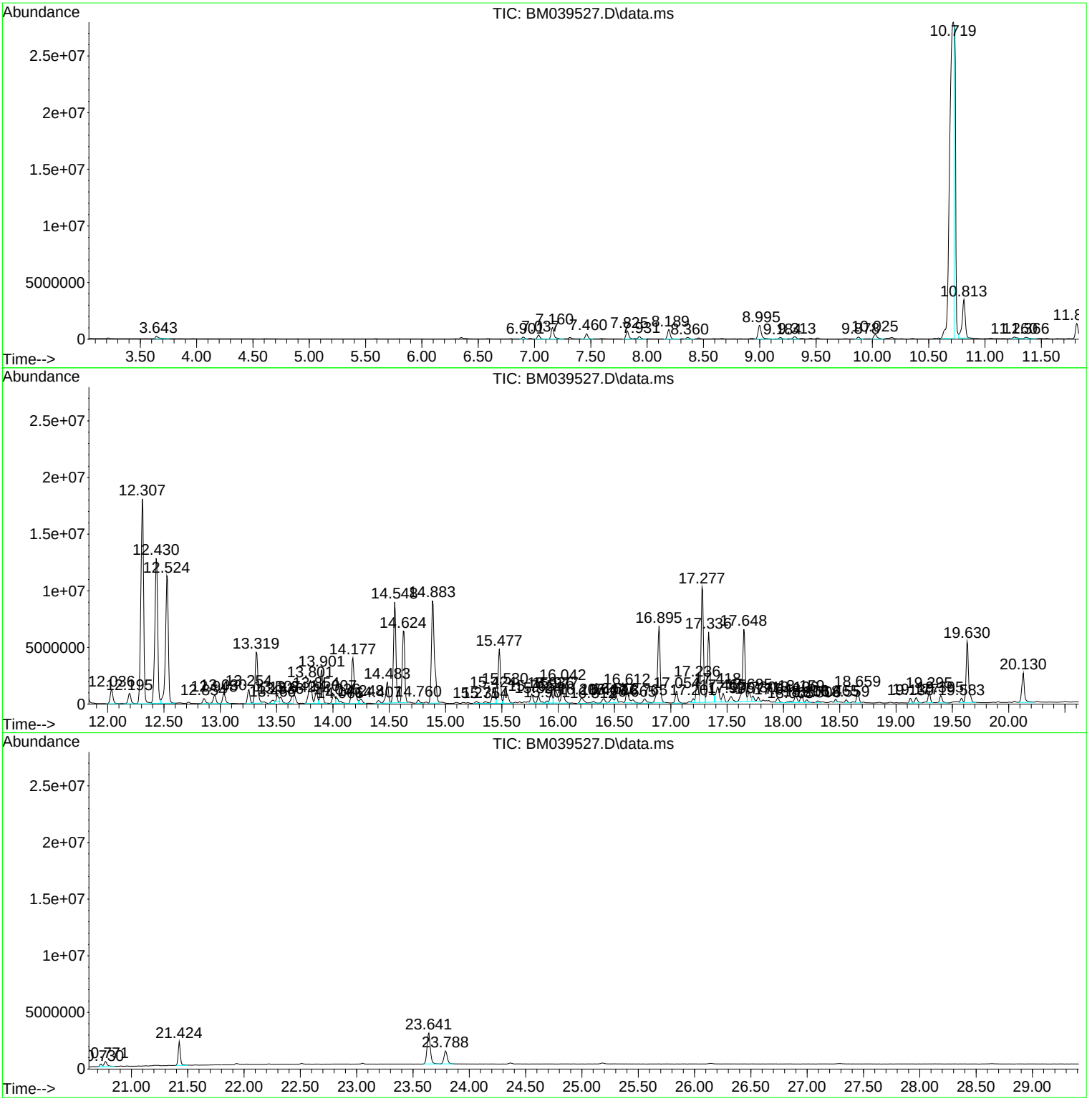
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039527.D
Acq On : 20 Apr 2023 16:35
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Sample : 02296-20
Misc :
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

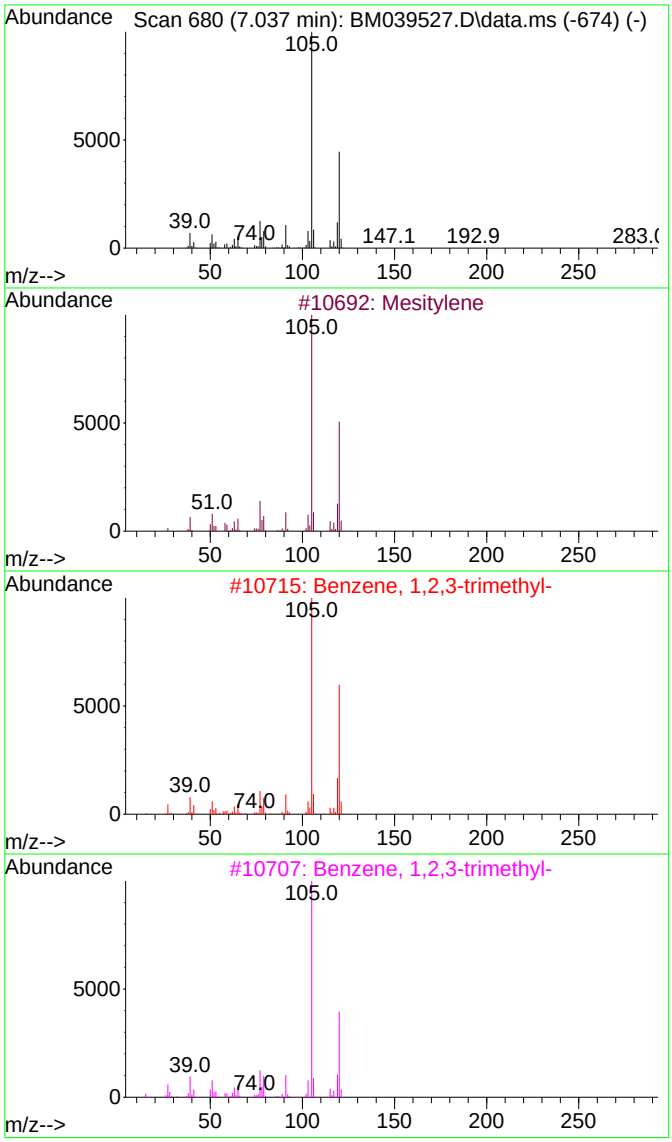
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

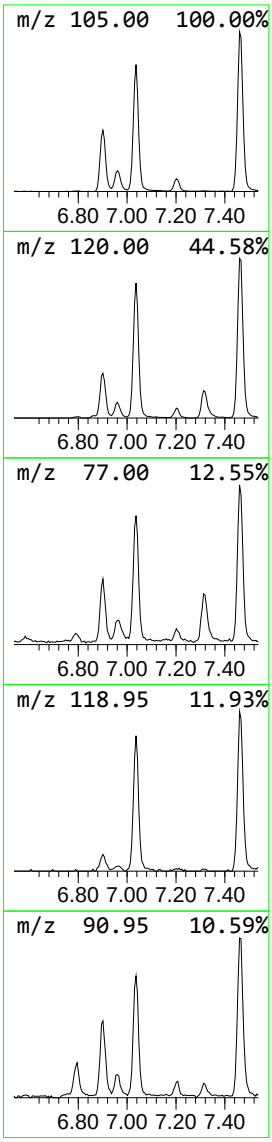
****

Peak Number 2 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.037	8.94 ng/ul	557149	1,4-Dichlorobenzene-d4	7.825

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039527.D
Acq On : 20 Apr 2023 16:35
Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

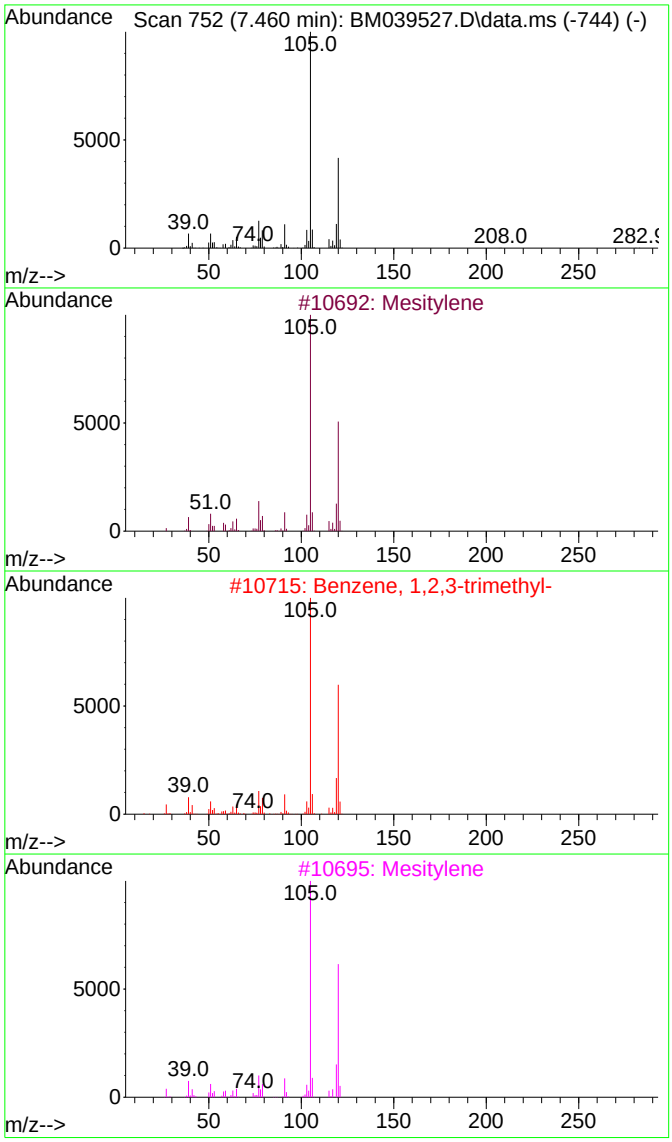
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

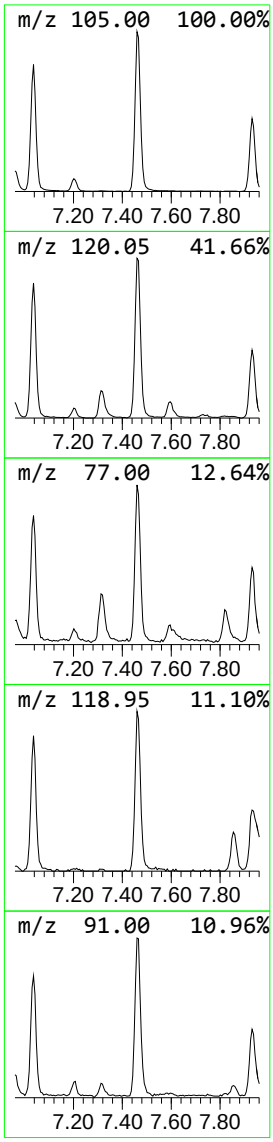
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.460	11.67 ng/ul	726822	1,4-Dichlorobenzene-d4	7.825

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
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ALS Vial : 8 Sample Multiplier: 1

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BNA_M
ClientSampleId :
DCBN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

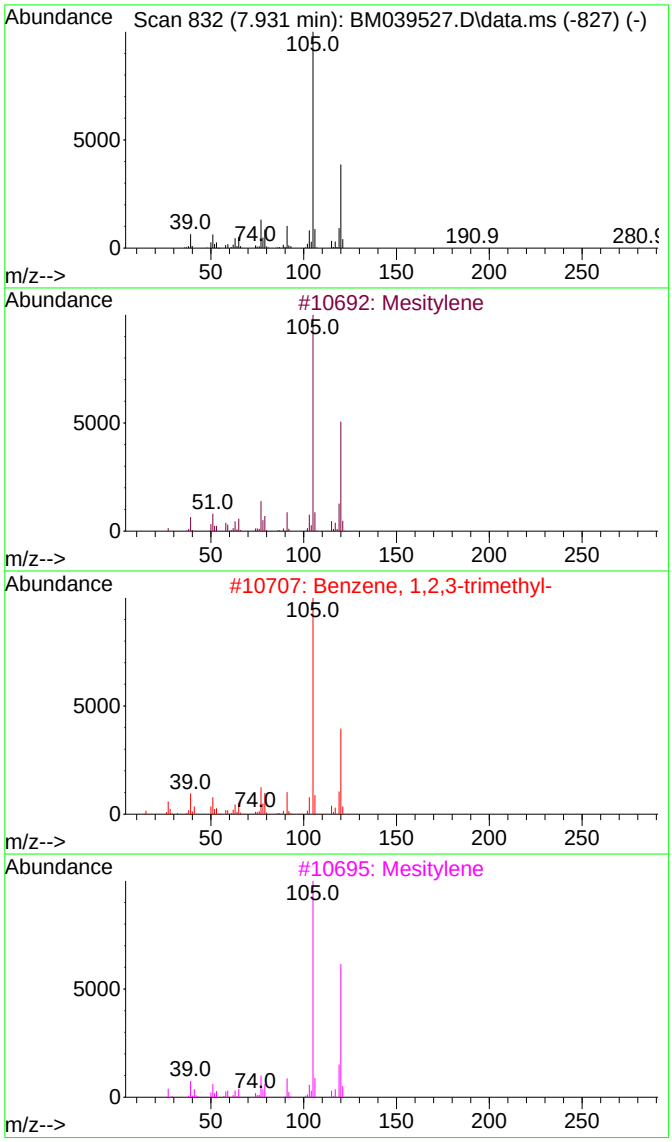
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

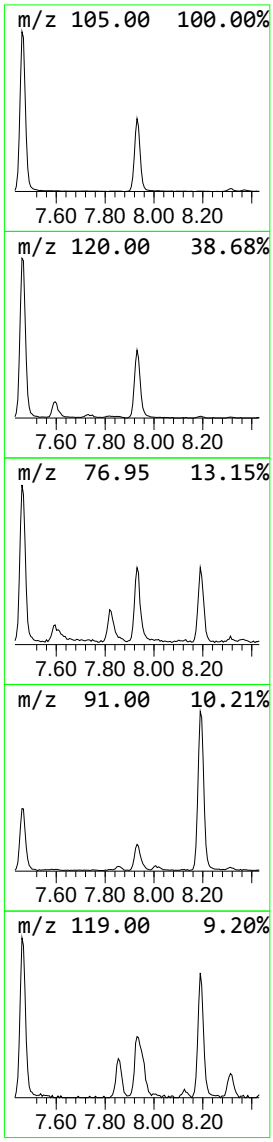
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.931	6.22 ng/ul	387635	1,4-Dichlorobenzene-d4	7.825

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





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Acq On : 20 Apr 2023 16:35
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

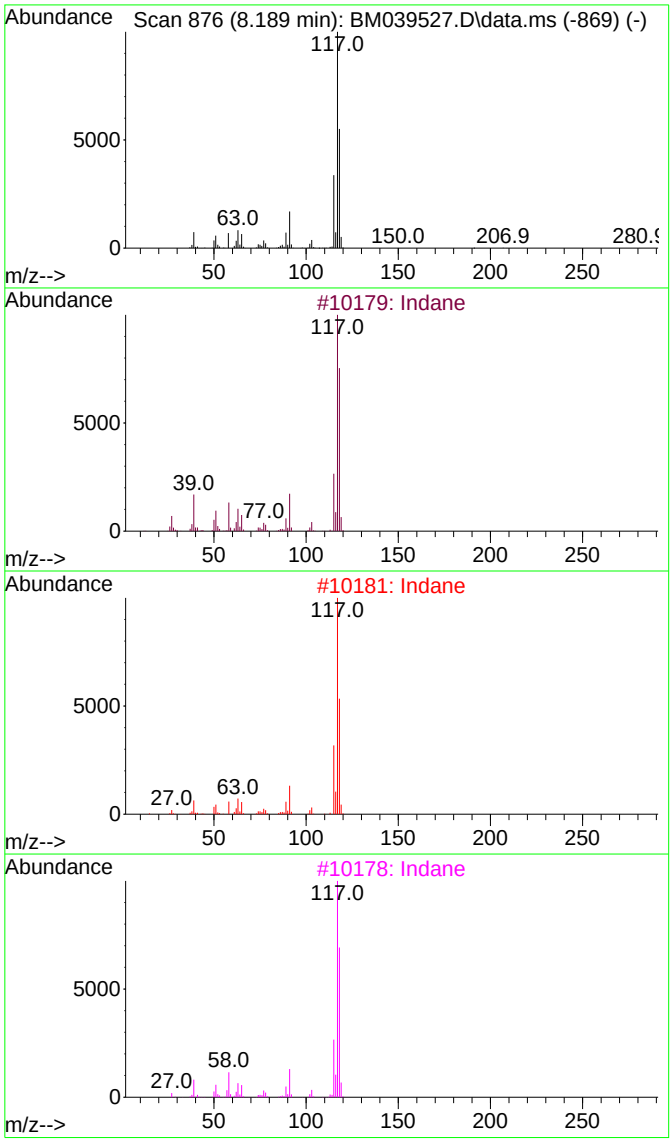
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

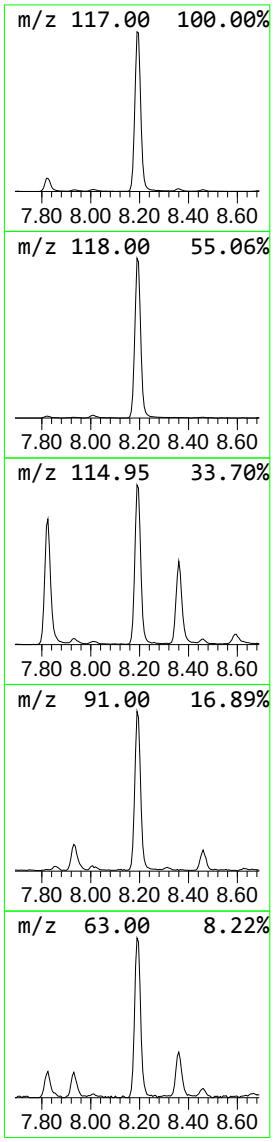
****

Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.189	22.26 ng/ul	1386640	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80





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Data File : BM039527.D
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Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

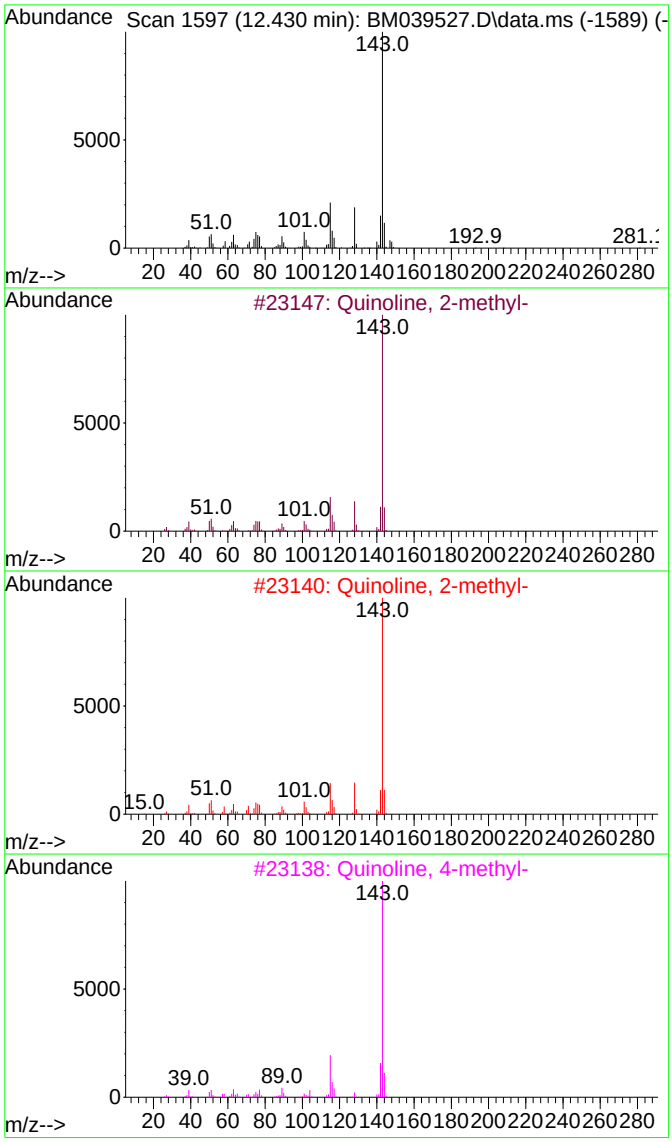
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

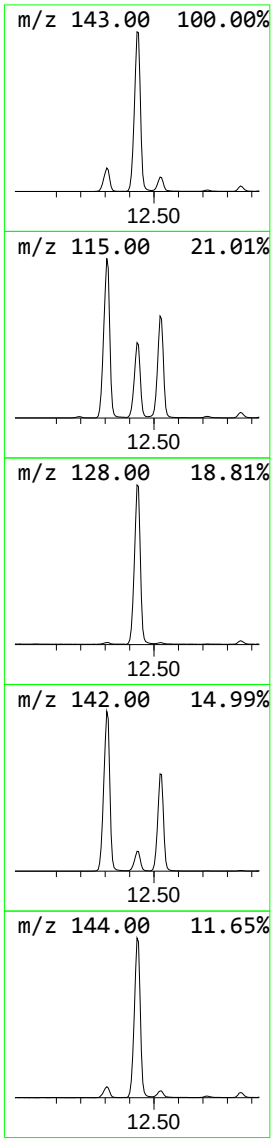
****

Peak Number 8 Quinoline, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.430	5.84 ng/ul	22358900	Naphthalene-d8	10.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87
4	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	87
5	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87





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Acq On : 20 Apr 2023 16:35
Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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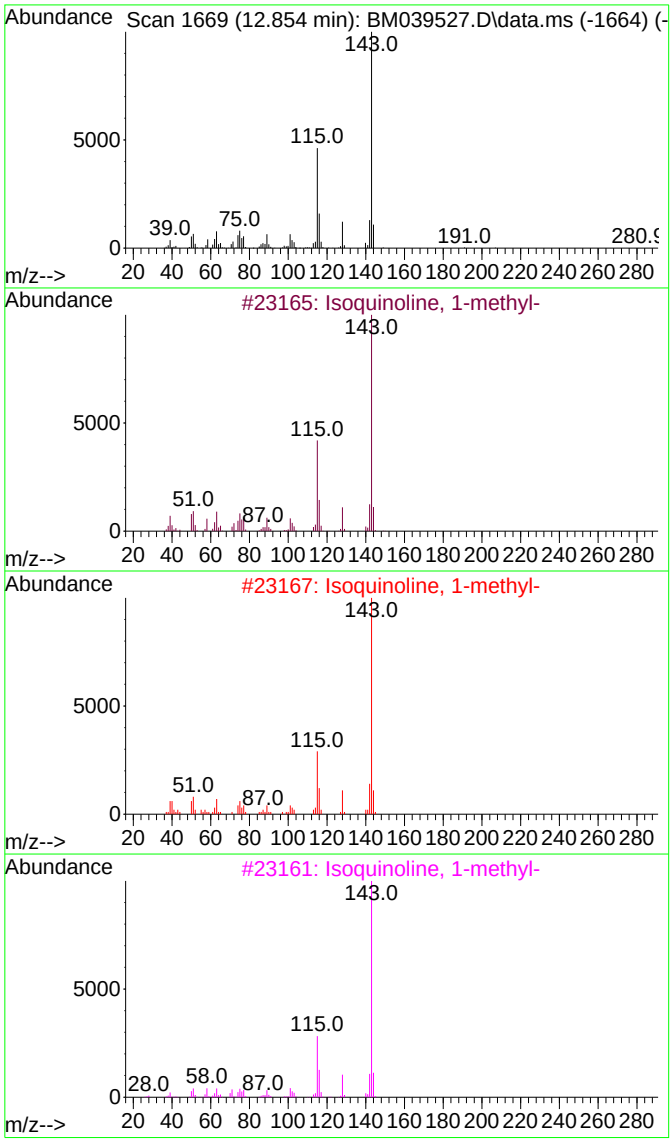
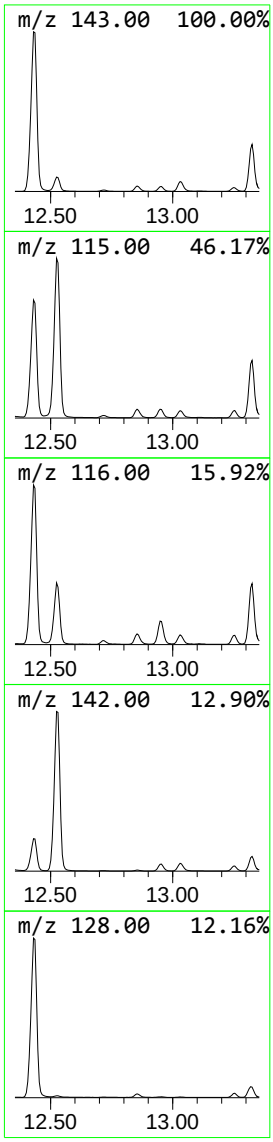
Peak Number 9 Isoquinoline, 1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.854	5.12 ng/ul	775098	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	95
2	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	94
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	94
4	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	93
5	2-Naphthalenamine	143	C10H9N	000091-59-8	93





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Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

****
Peak Number 10 Quinoline, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.948	8.26 ng/ul	1249320	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	76
2	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	72
3	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	70
4	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	68
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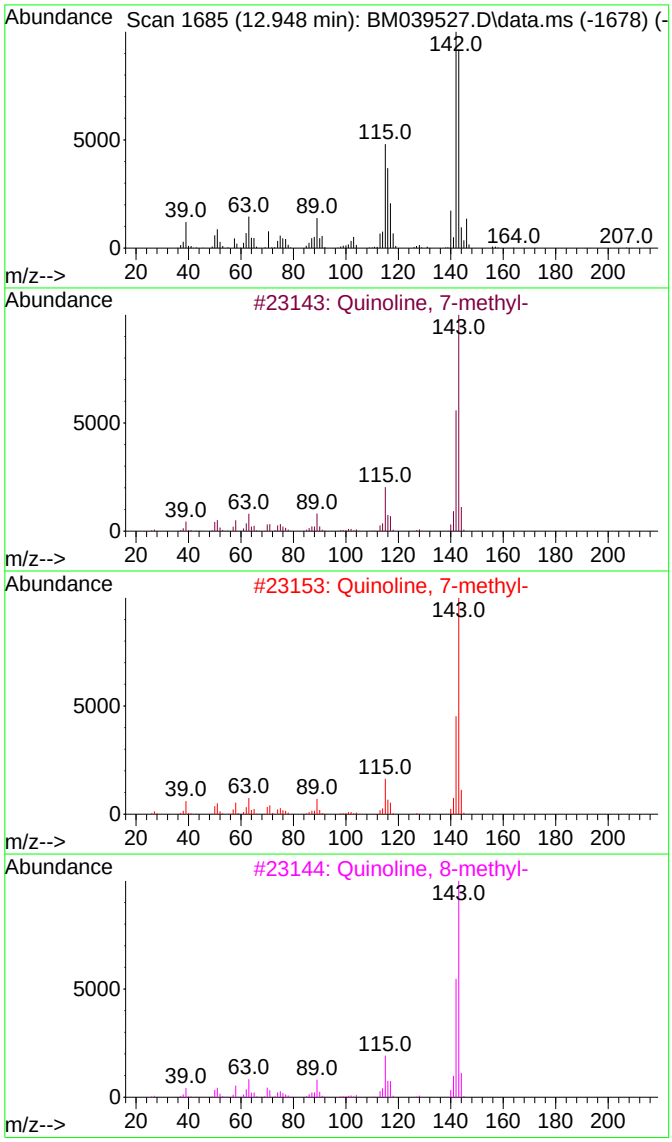

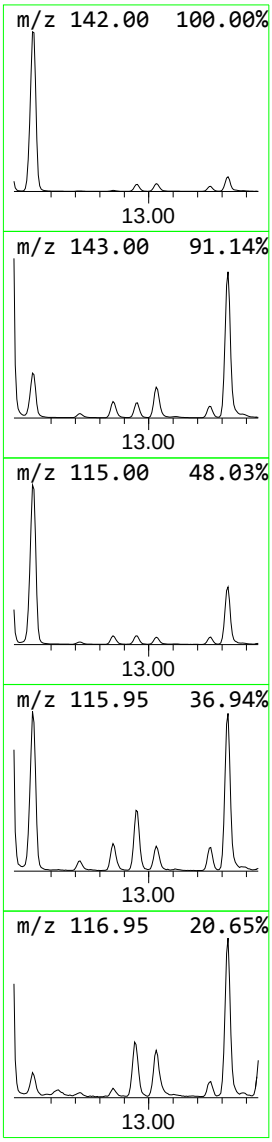

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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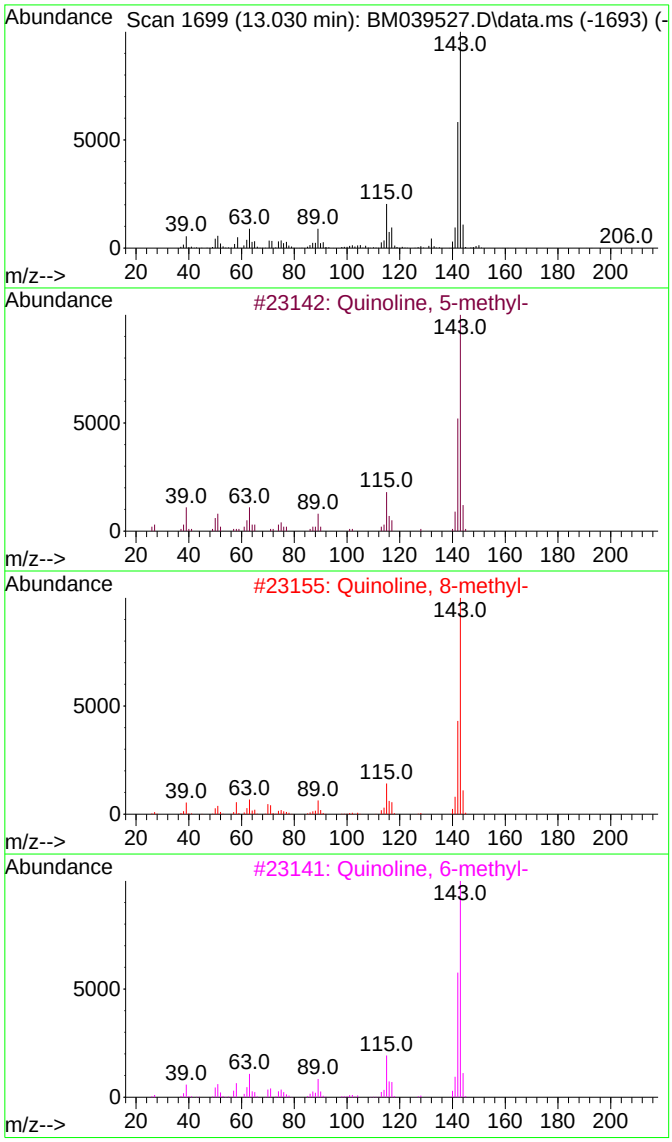
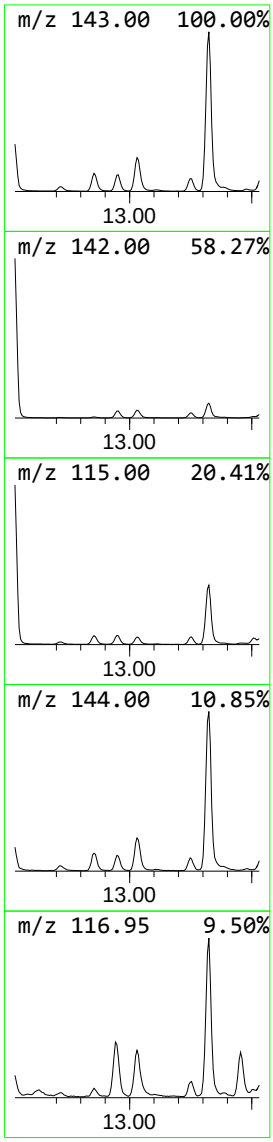
Peak Number 11 Quinoline, 5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.030	10.44 ng/ul	1579250	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 5-methyl-	143	C10H9N	007661-55-4	97
2	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	96
3	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	96
4	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	96
5	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	96





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Operator : CG/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

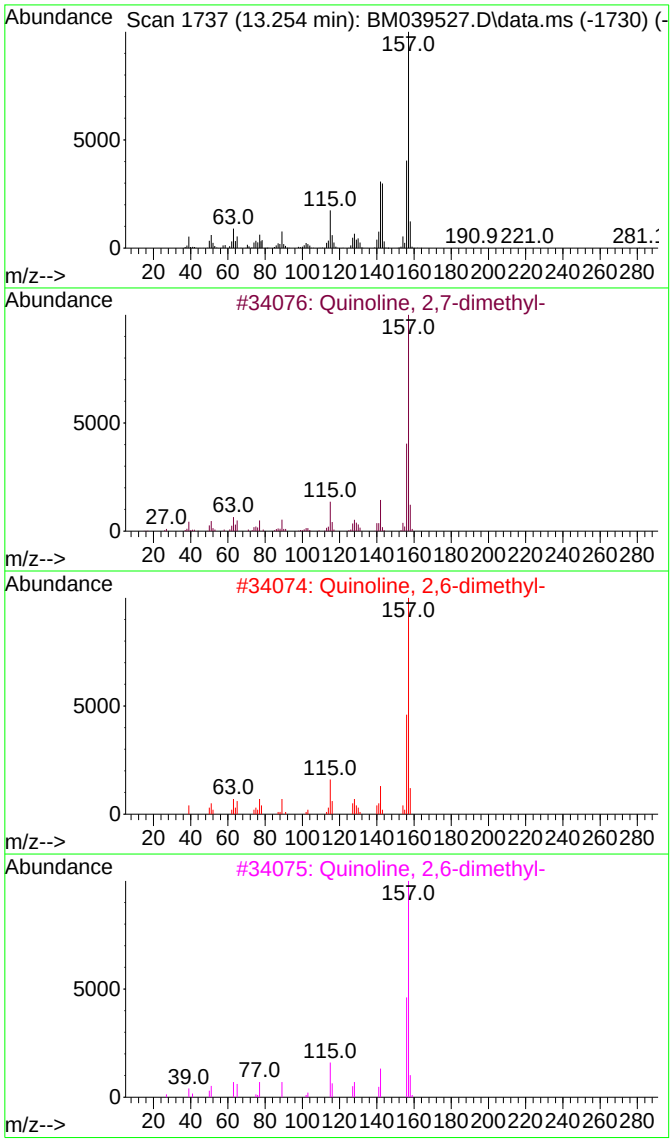
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

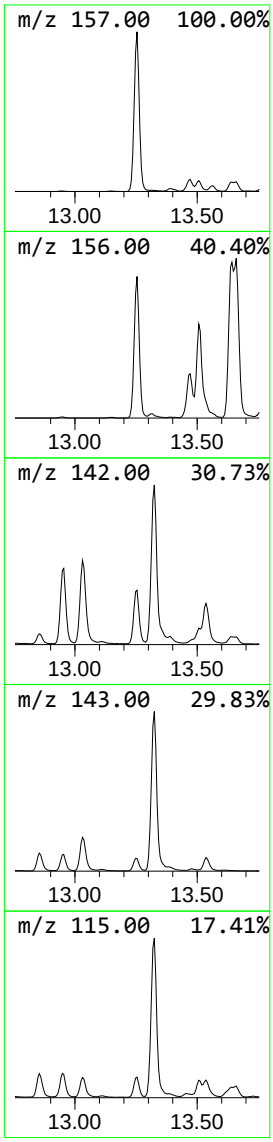
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Quinoline, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.254	12.57 ng/ul	1902410	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	96
2	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	96
3	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	95
4	2,8-Dimethylquinoline	157	C11H11N	001463-17-8	94
5	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	93





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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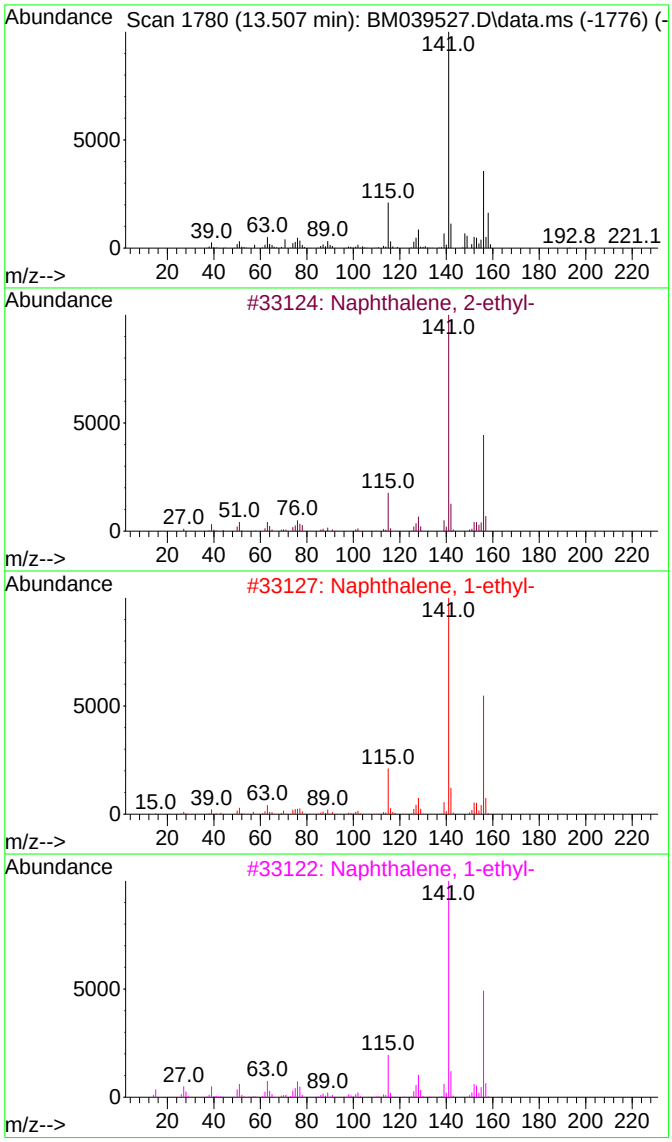
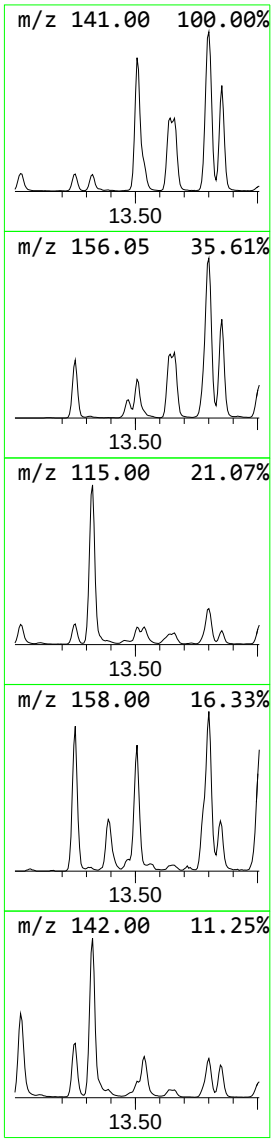
Peak Number 14 Naphthalene, 2-ethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.507	5.08 ng/ul	768342	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91





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Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
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 Quinoline, 8-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.536	4.99 ng/ul	755758	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	87
2	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	87
3	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	83
4	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	81
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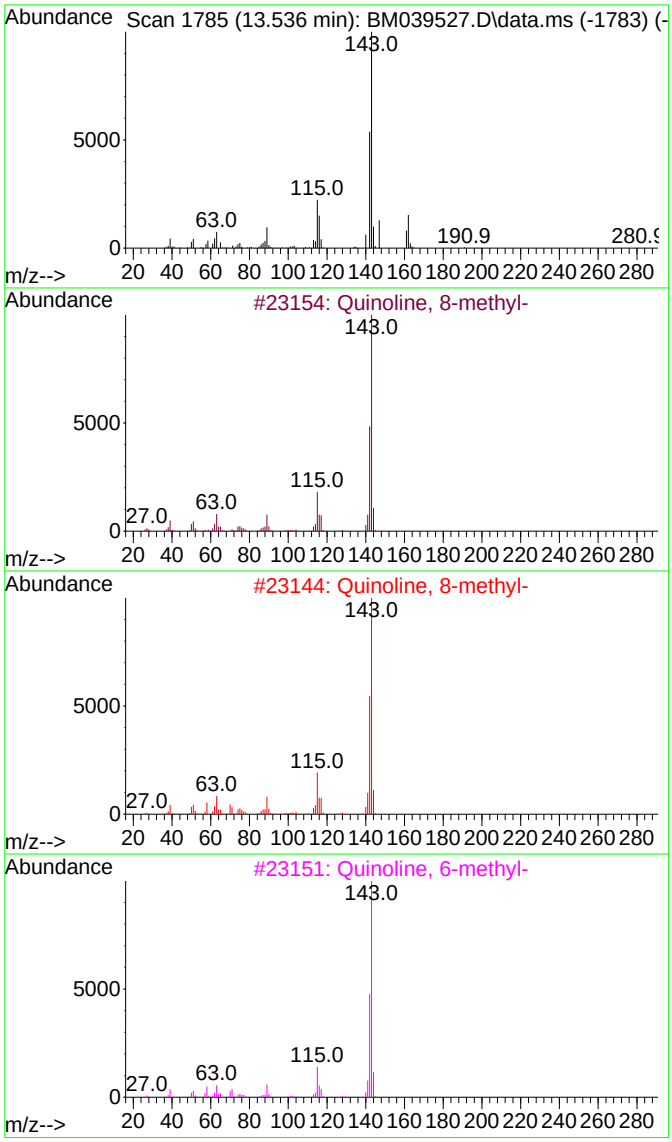

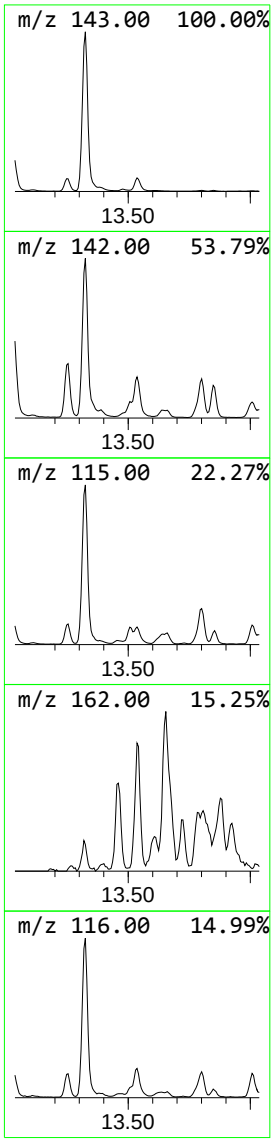

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCBN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

****

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.642	7.15 ng/ul	1081750	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
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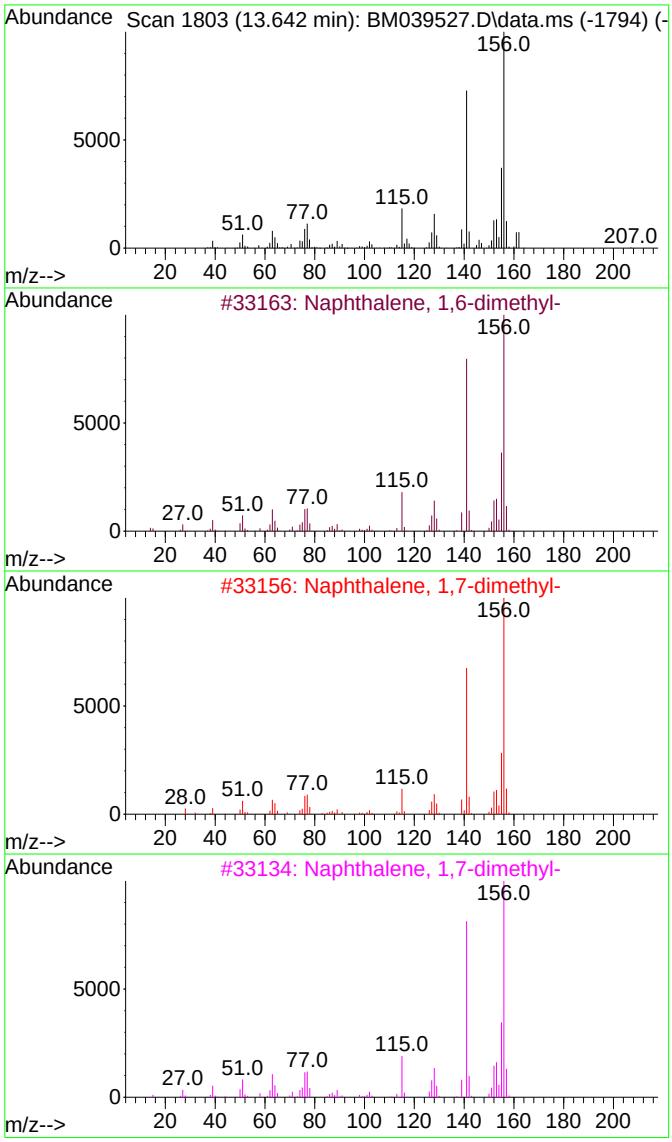

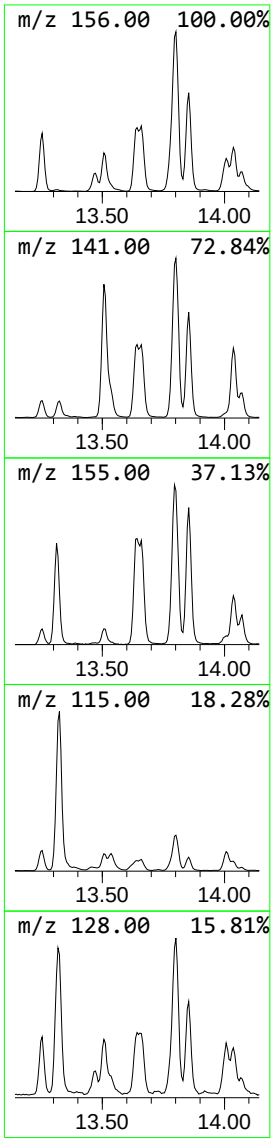

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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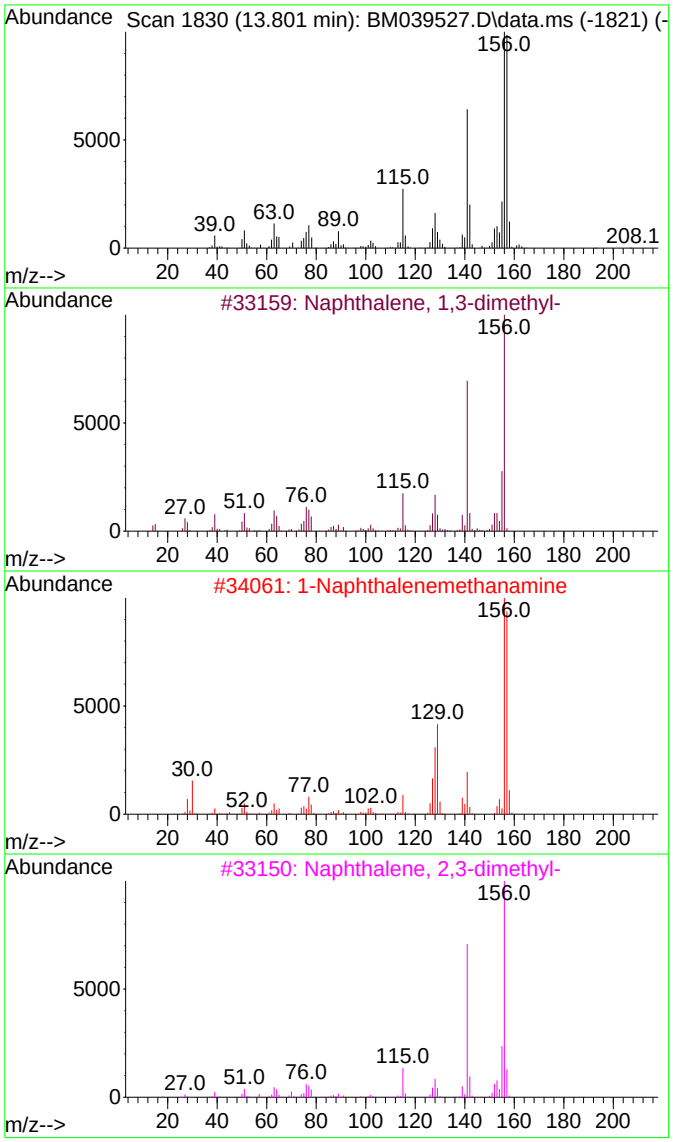
Quant Title : SVOA CALIBRATION

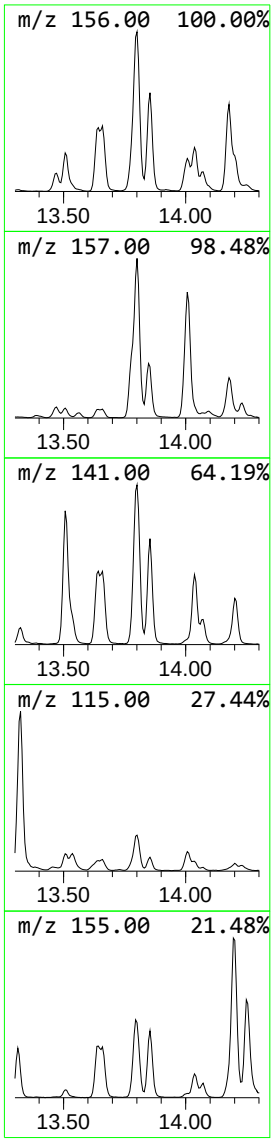
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.801	26.08 ng/ul	3946490	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
2	1-Naphthalenemethanamine	157	C11H11N	000118-31-0	70
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
4	3-Methyl-4-phenyl-1H-pyrrole	157	C11H11N	1000367-24-9	64
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	60





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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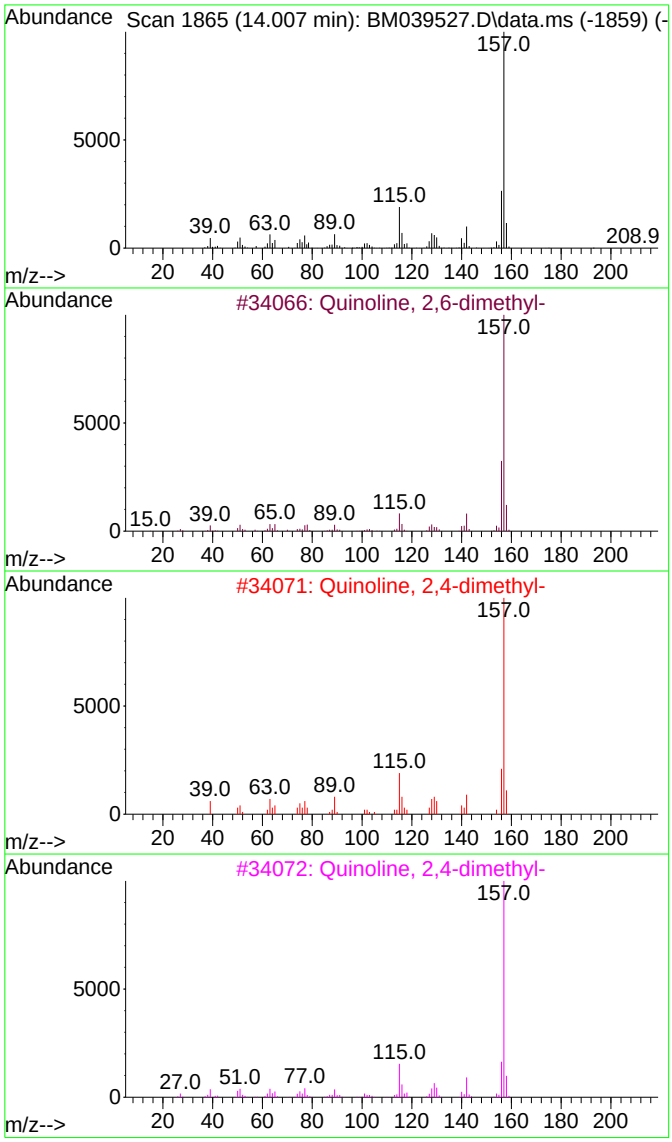
Quant Title : SVOA CALIBRATION

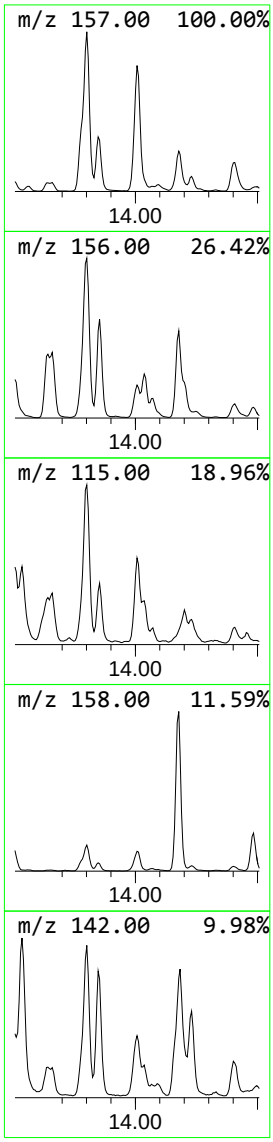
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Quinoline, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	9.19 ng/ul	1390550	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	95
2	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	94
3	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	93
4	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	93
5	Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	87





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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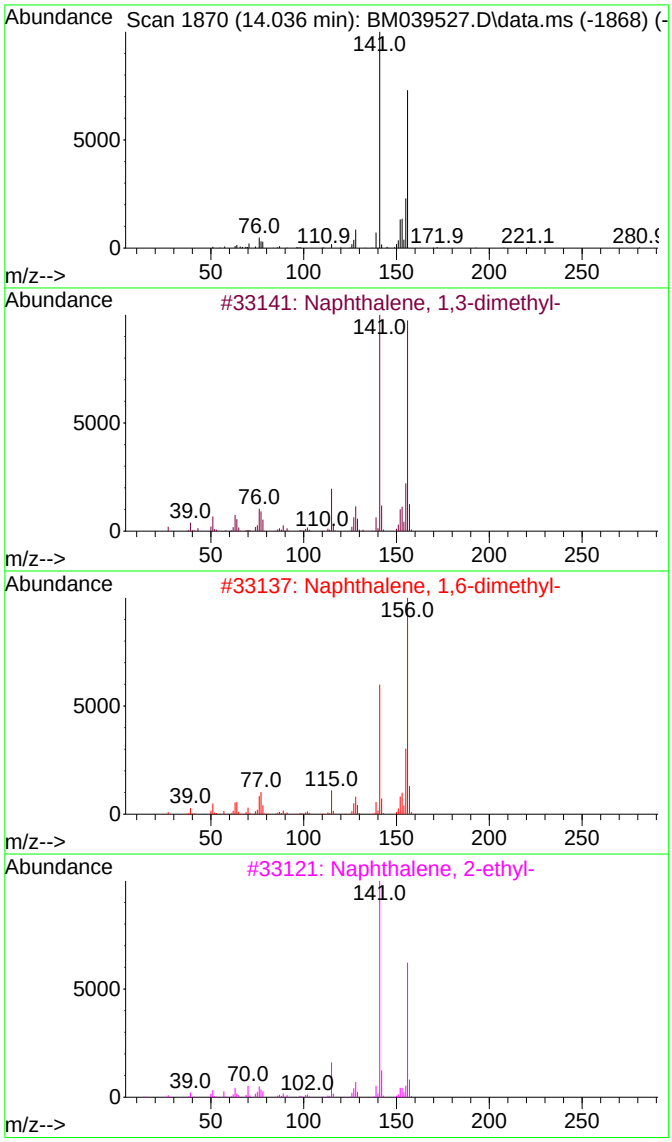
Quant Title : SVOA CALIBRATION

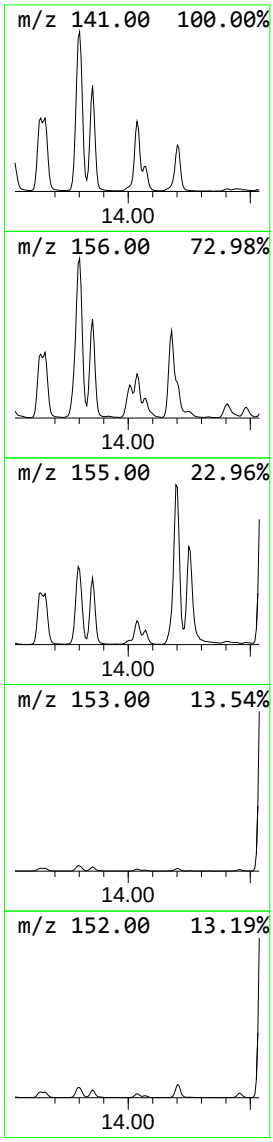
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2,7-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	3.99 ng/ul	603500	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	80
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	72
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	72
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	72





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ALS Vial : 8 Sample Multiplier: 1

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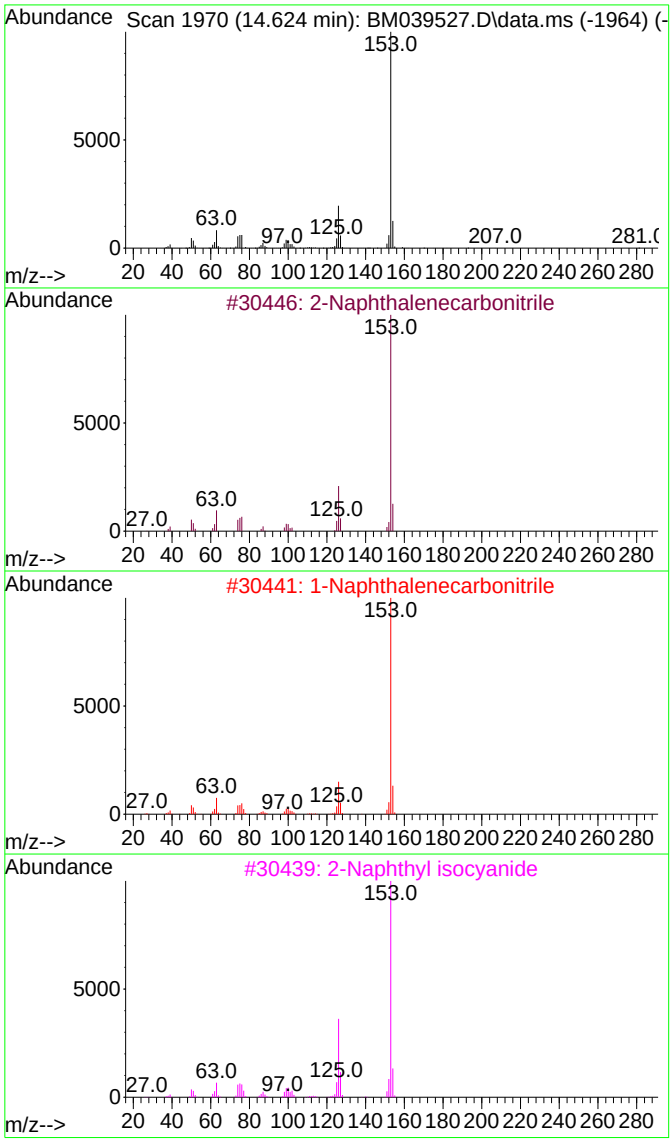
Quant Title : SVOA CALIBRATION

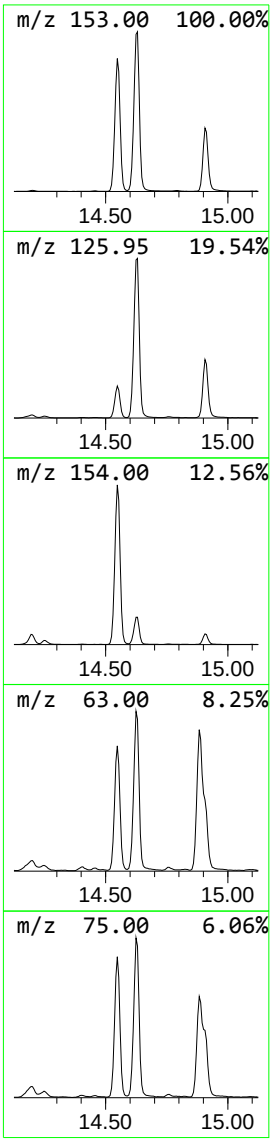
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-Naphthalenecarbonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.624	64.23 ng/ul	9719620	Acenaphthene-d10	14.483

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	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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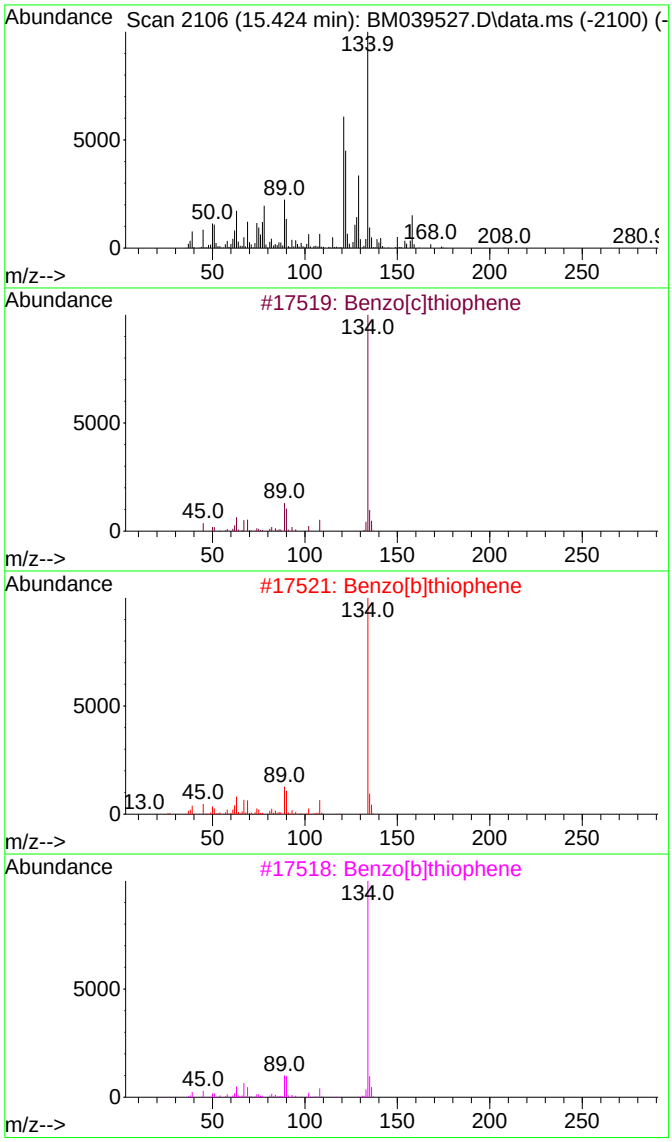
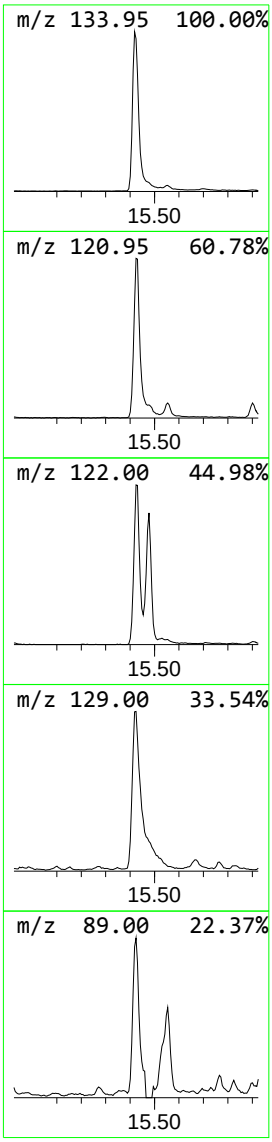
Peak Number 26 Benzo[c]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.424	13.65 ng/ul	2065430	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	55
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	45
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	45
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	45
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	43





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Acq On : 20 Apr 2023 16:35
Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

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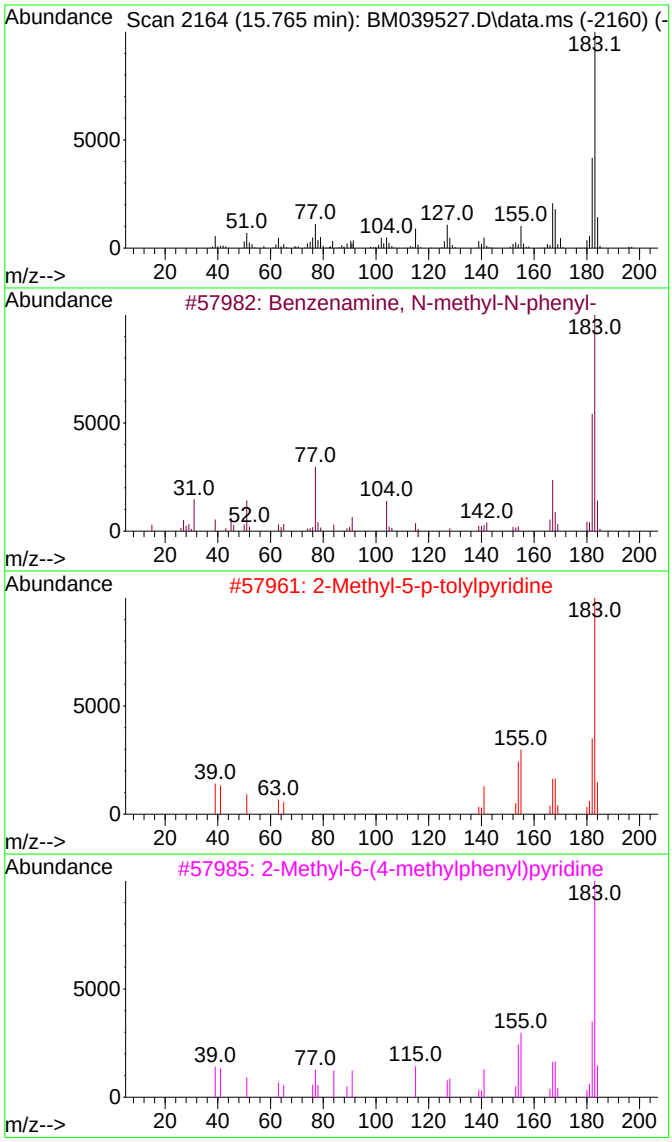
Quant Title : SVOA CALIBRATION

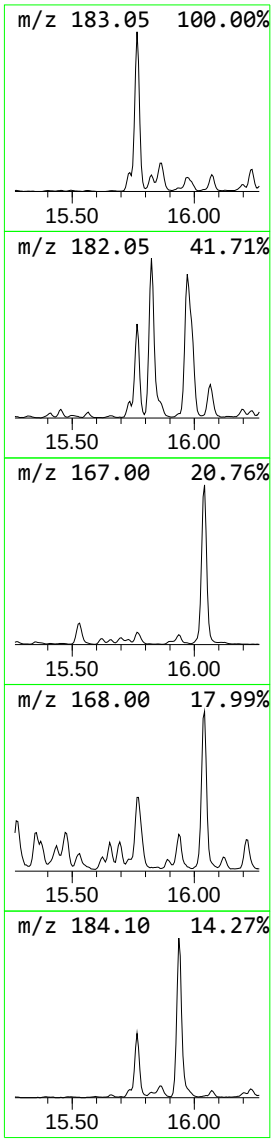
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzenamine, N-methyl-N-phe... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.765	7.99 ng/ul	1208350	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N-methyl-N-phenyl-	183	C13H13N	000552-82-9	83
2	2-Methyl-5-p-tolylpyridine	183	C13H13N	030456-56-5	80
3	2-Methyl-6-(4-methylphenyl)pyridine	183	C13H13N	101893-57-6	78
4	Benzenamine, 4-methyl-N-phenyl-	183	C13H13N	000620-84-8	72
5	2-Biphenylamine, 3-methyl-	183	C13H13N	014294-33-8	72





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Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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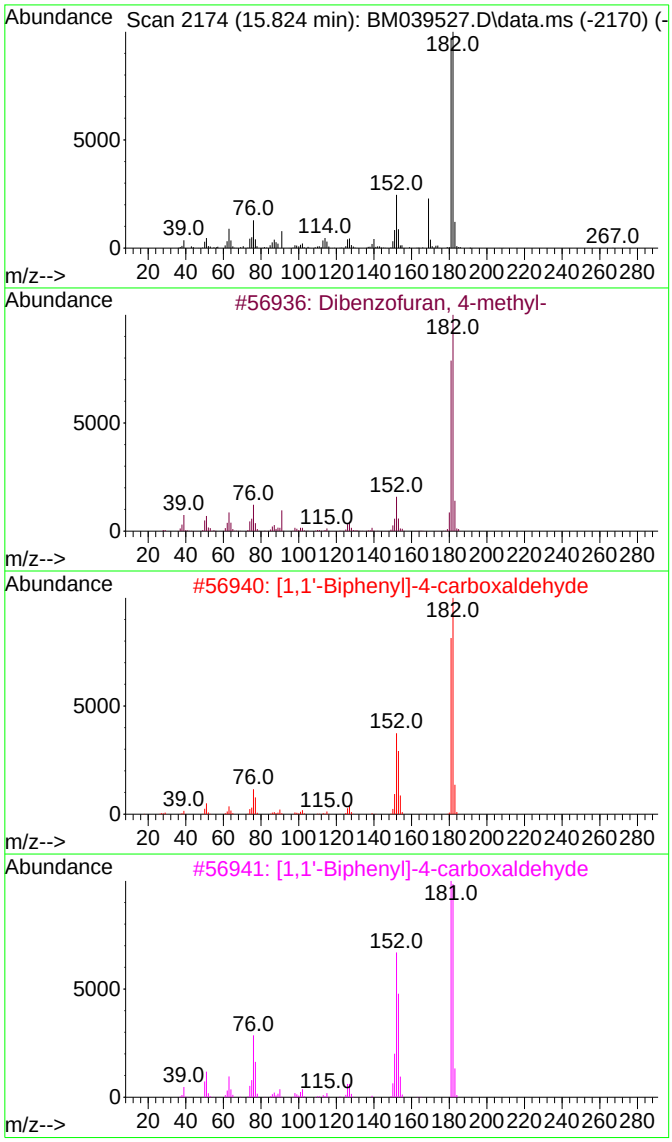
Quant Title : SVOA CALIBRATION

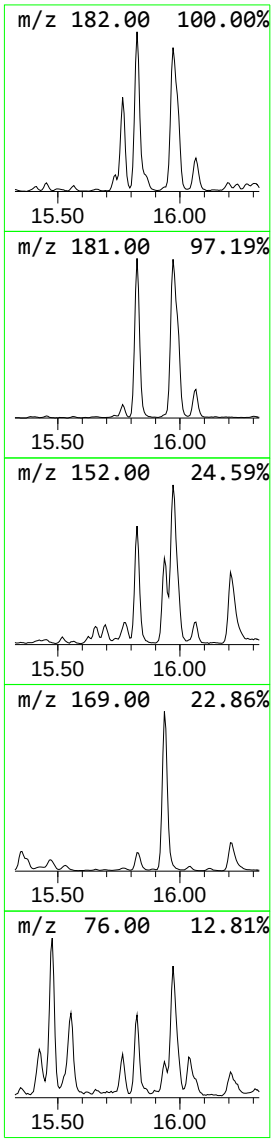
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Dibenzofuran, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.824	6.77 ng/ul	1024560	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	92
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	53





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
DCBN0

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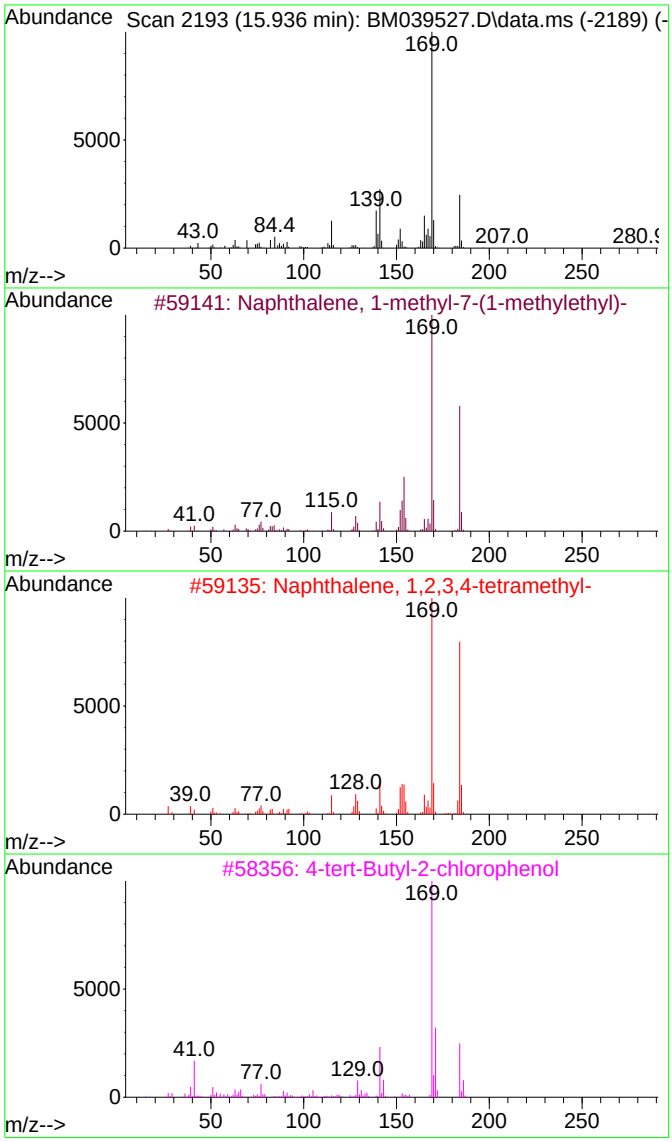
Quant Title : SVOA CALIBRATION

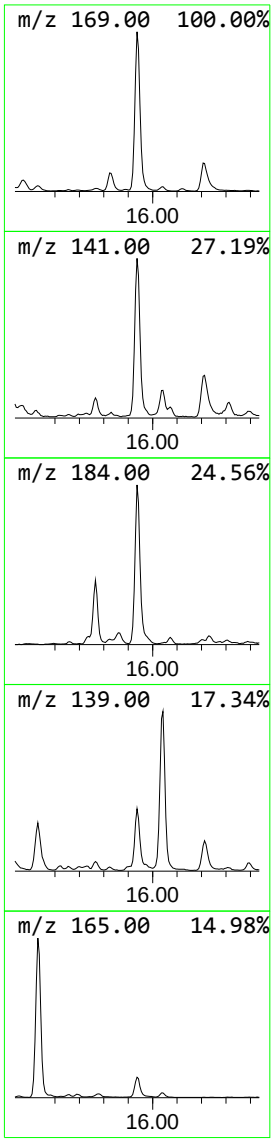
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Naphthalene, 1-methyl-7-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.936	10.37 ng/ul	1567020	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	74
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	74
3	4-tert-Butyl-2-chlorophenol	184	C10H13ClO	000098-28-2	72
4	4-tert-Butyl-2-chlorophenol	184	C10H13ClO	000098-28-2	72
5	1,6-Dimethyl-4-ethylnaphthalene ...	184	C14H16	1000383-71-7	72





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ClientSampleId :
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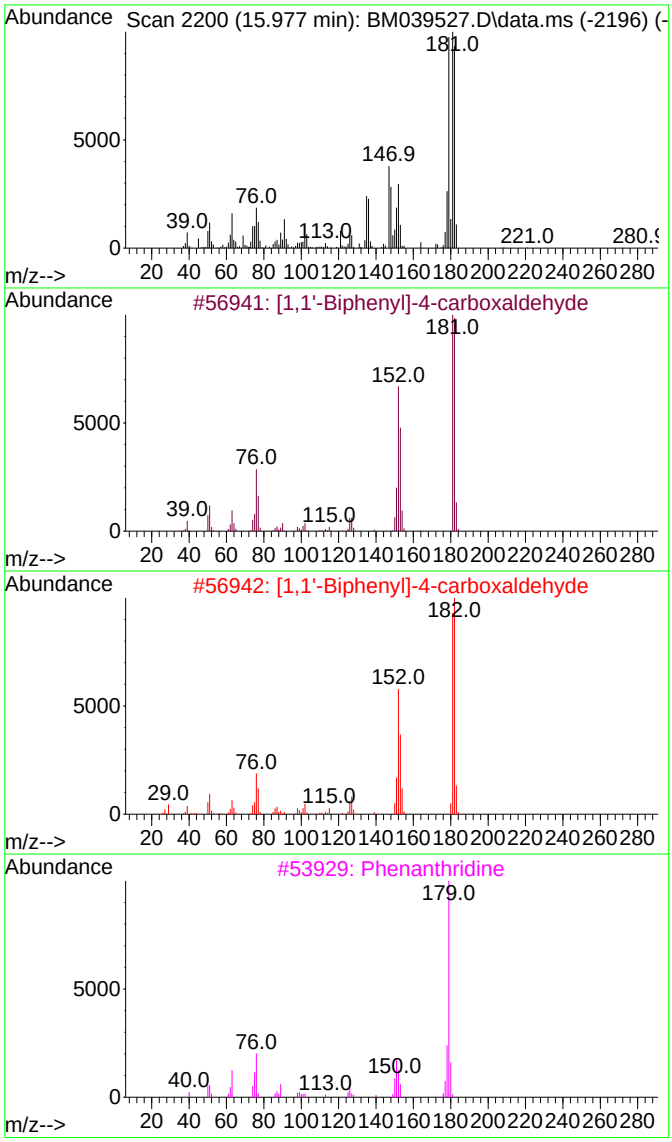
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

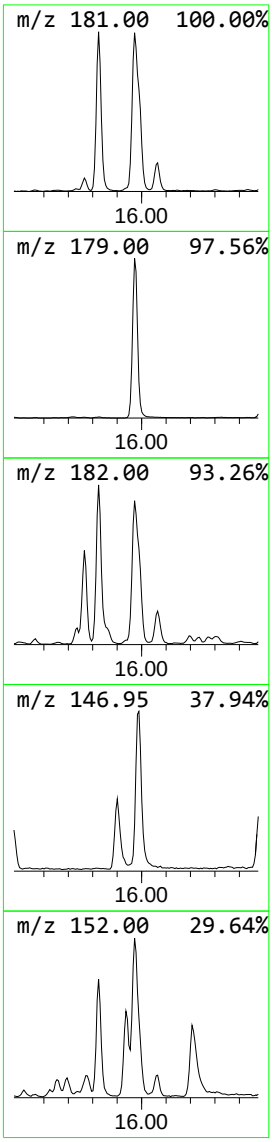
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.977	15.45 ng/ul	2334570	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	56
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
3	Phenanthridine	179	C13H9N	000229-87-8	48
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	46
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	46





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Quant Title : SVOA CALIBRATION

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

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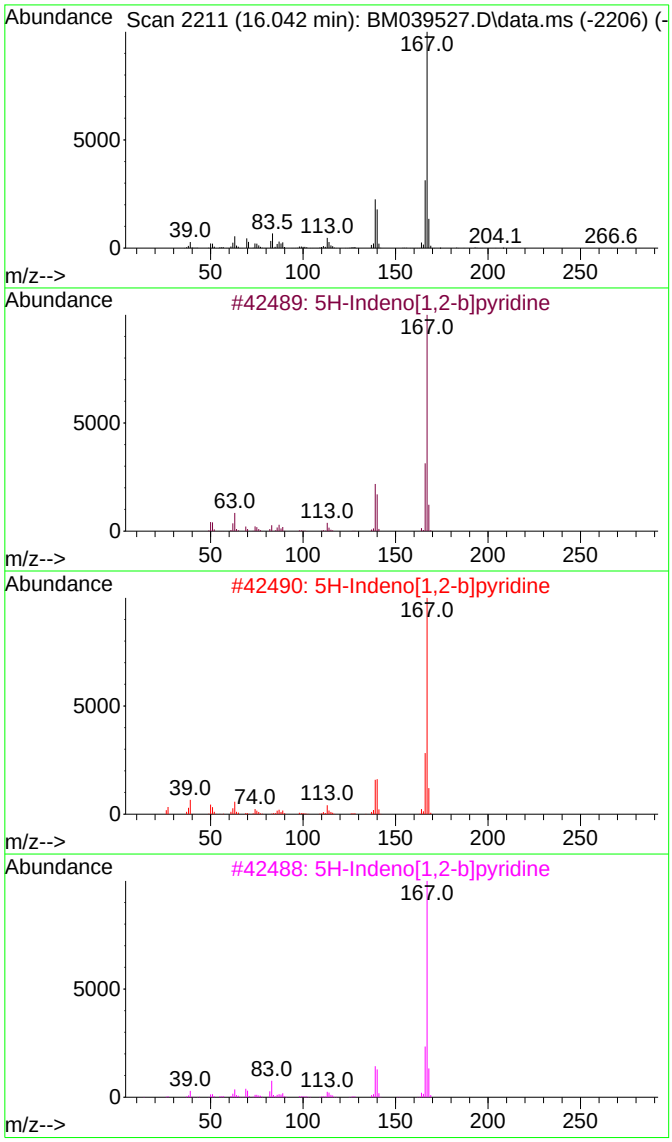
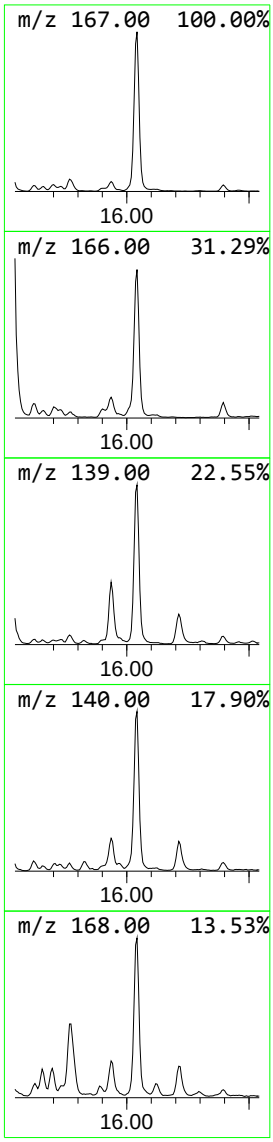
Peak Number 31 5H-Indeno[1,2-b]pyridine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.042	18.15 ng/ul	2742270	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
4	Carbazole	167	C12H9N	000086-74-8	90
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	86





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION

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

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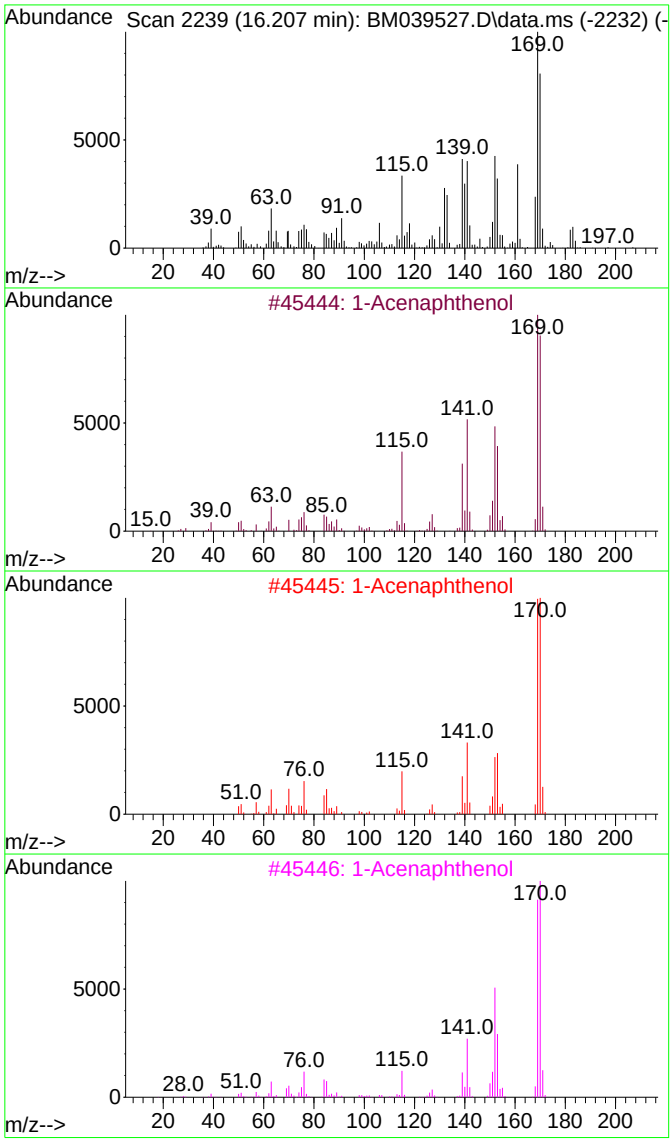
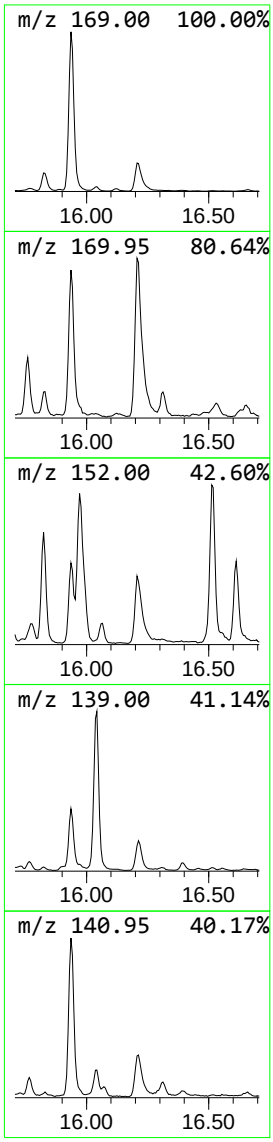
Peak Number 32 1-Acenaphthenol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.207	7.64 ng/ul	1154920	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	96
2	1-Acenaphthenol	170	C12H10O	006306-07-6	50
3	1-Acenaphthenol	170	C12H10O	006306-07-6	49
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	42
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	38





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Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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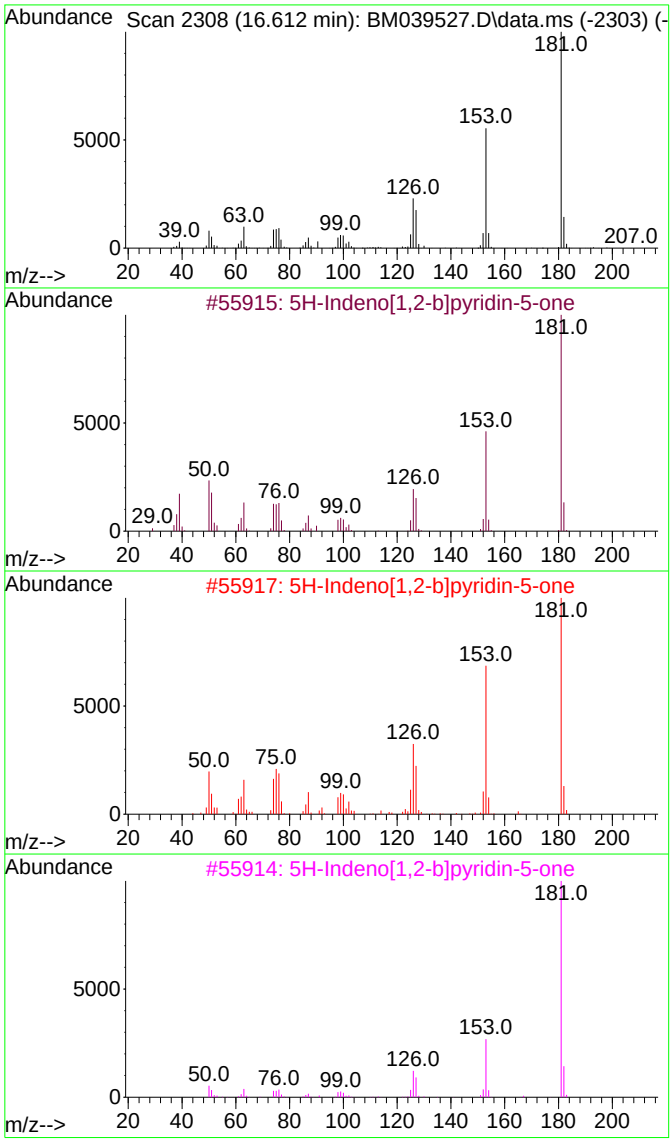
Quant Title : SVOA CALIBRATION

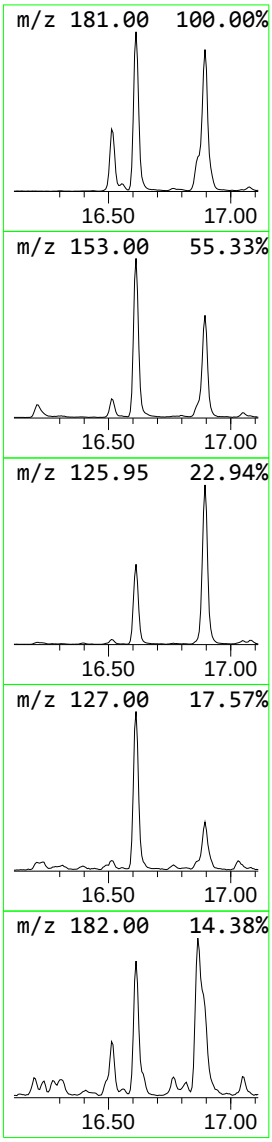
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 5H-Indeno[1,2-b]pyridin-5-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.612	13.86 ng/ul	2094560	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridin-5-one	181	C12H7NO	003882-46-0	97
2	5H-Indeno[1,2-b]pyridin-5-one	181	C12H7NO	003882-46-0	97
3	5H-Indeno[1,2-b]pyridin-5-one	181	C12H7NO	003882-46-0	96
4	5H-Indeno[1,2-b]pyridin-5-one	181	C12H7NO	003882-46-0	91
5	2-Azafluorenone	181	C12H7NO	005061-91-6	62





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ALS Vial : 8 Sample Multiplier: 1

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 39 9H-Fluoren-9-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.895	70.36 ng/ul	10628900	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
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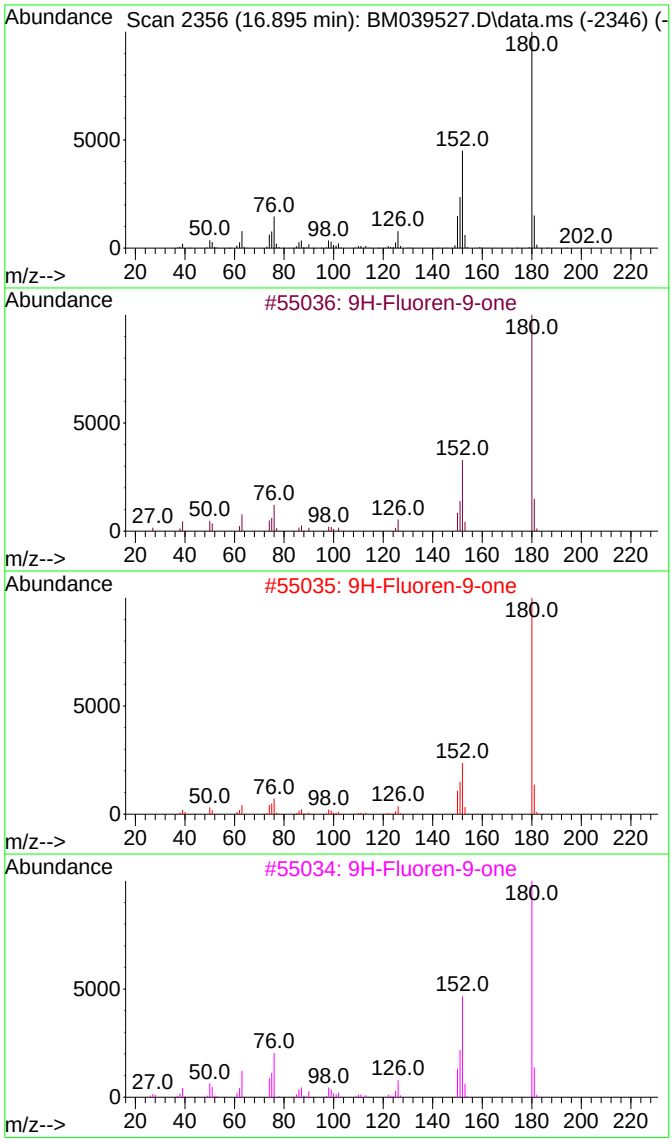

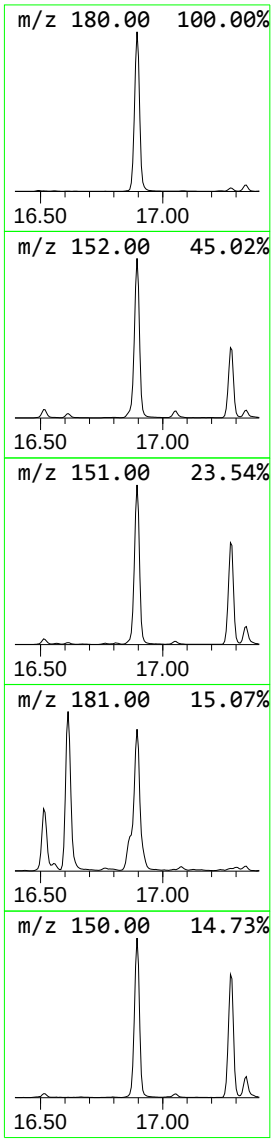

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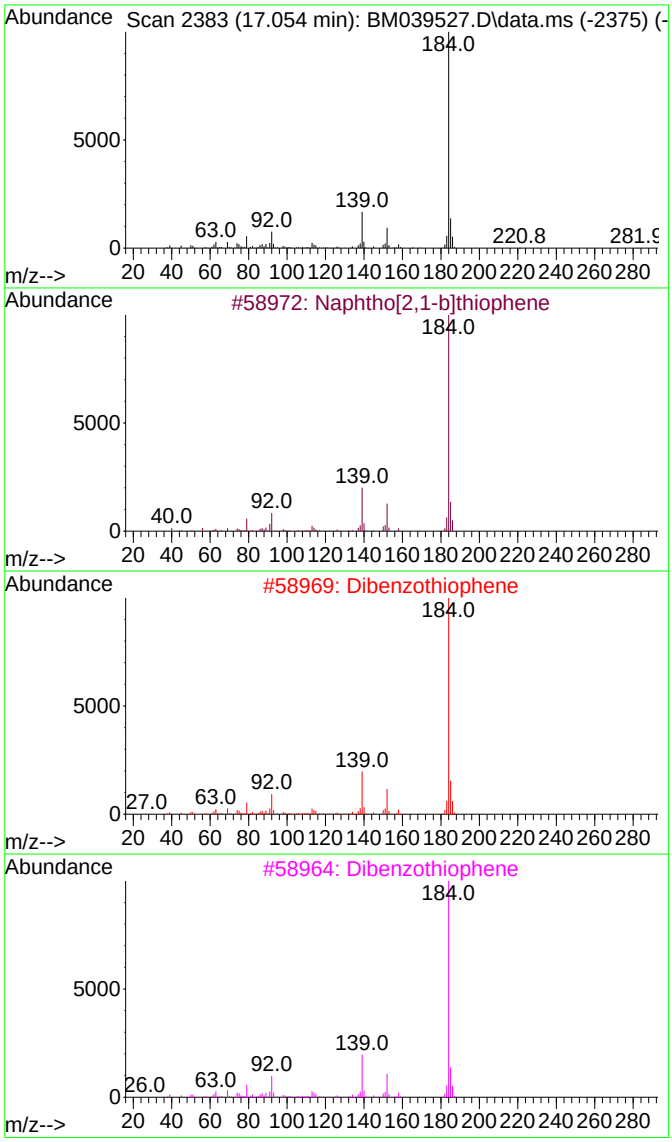
Quant Title : SVOA CALIBRATION

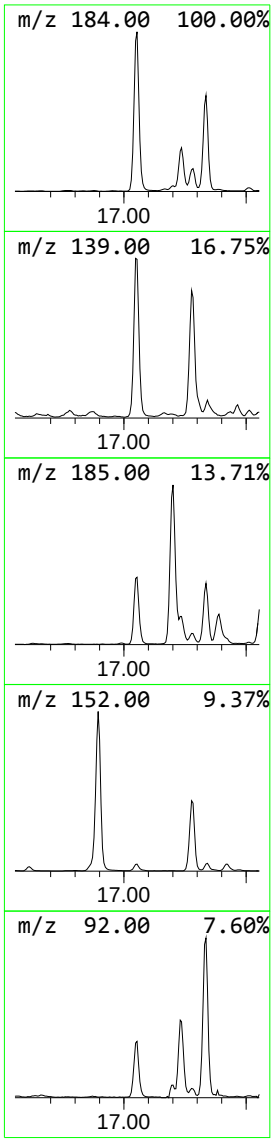
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.054	10.88 ng/ul	1643060	Phenanthrene-d10	17.236

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





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Quant Title : SVOA CALIBRATION

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

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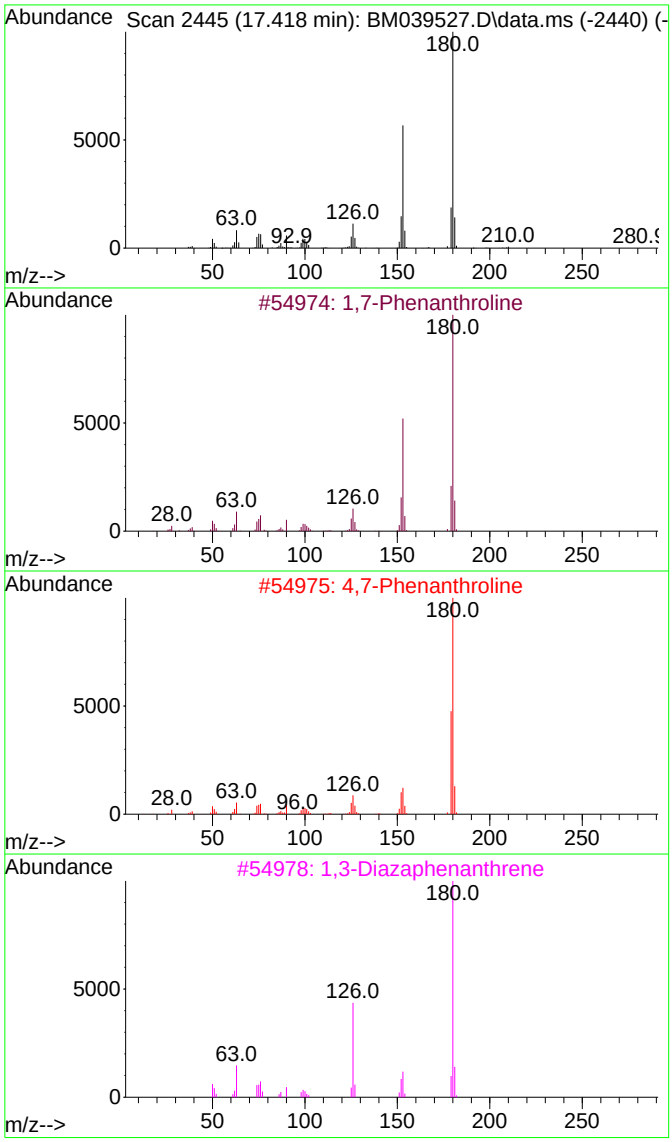
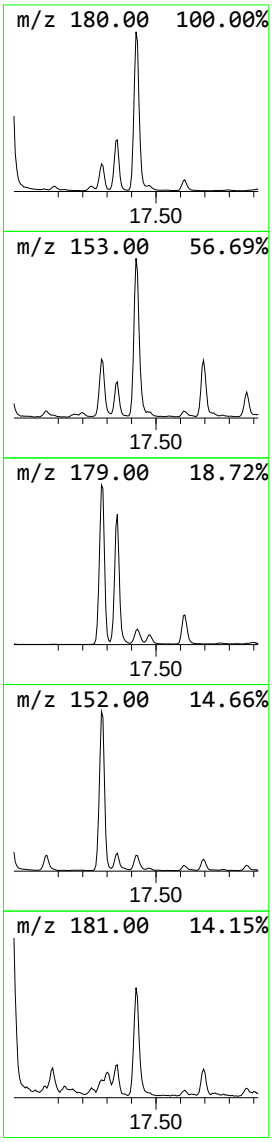
Peak Number 41 1,7-Phenanthroline Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.418	17.76 ng/ul	2683360	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Phenanthroline	180	C12H8N2	000230-46-6	97
2	4,7-Phenanthroline	180	C12H8N2	000230-07-9	89
3	1,3-Diazaphenanthrene	180	C12H8N2	000229-75-4	62
4	Phenazine	180	C12H8N2	000092-82-0	58
5	4-Cyano-2-phenylpyridine	180	C12H8N2	033744-17-1	58





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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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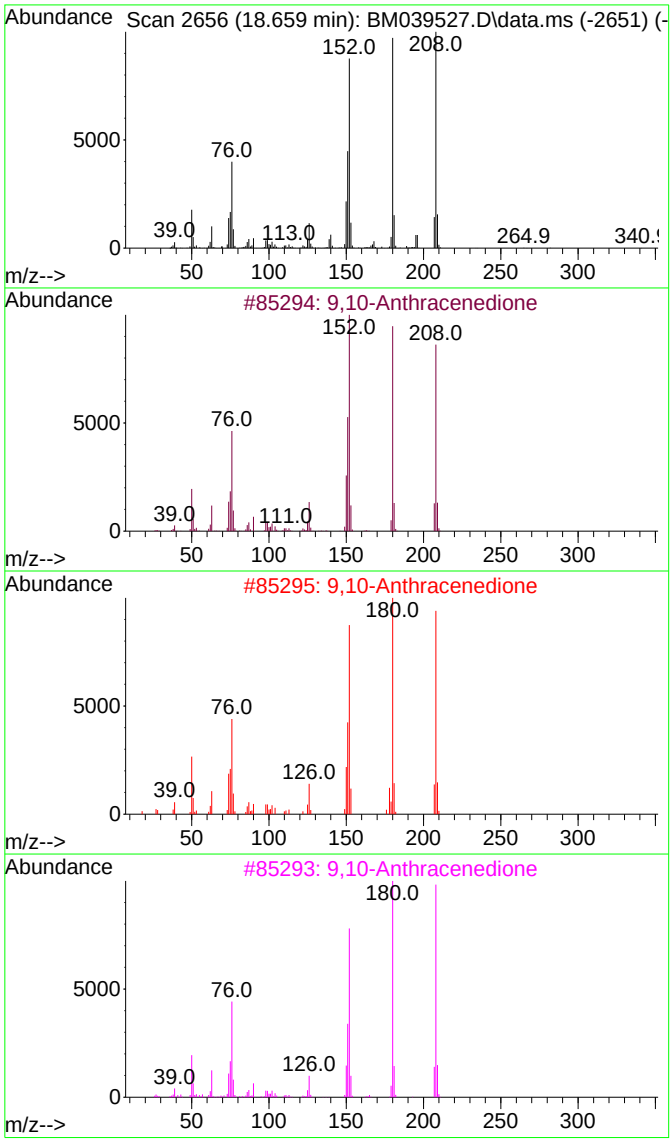
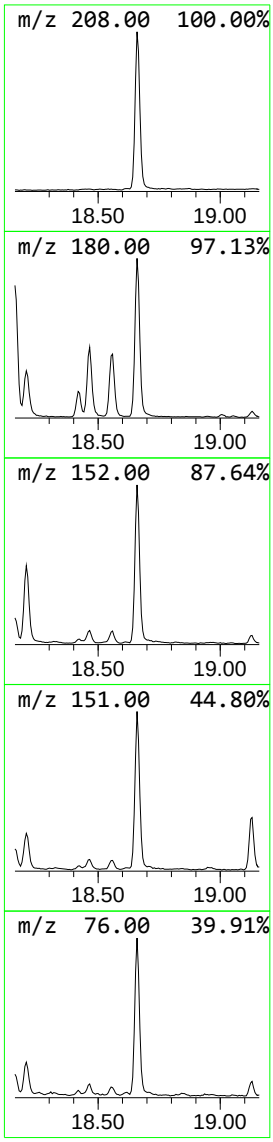
Peak Number 53 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.659	10.43 ng/ul	1575950	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039527.D
Acq On : 20 Apr 2023 16:35
Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

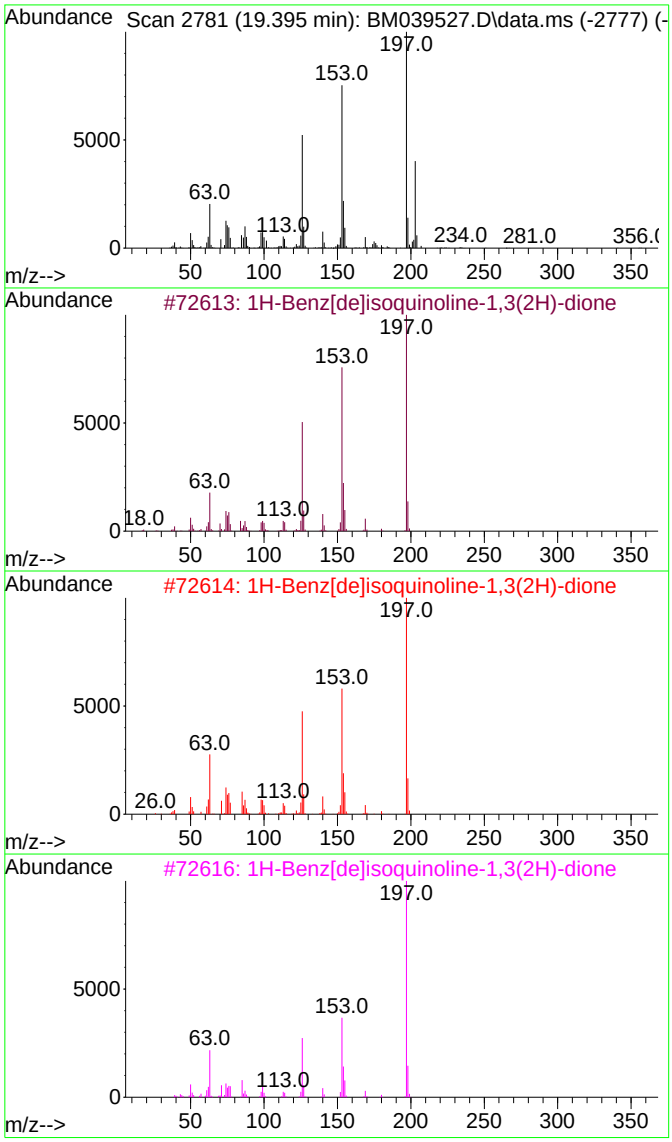
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

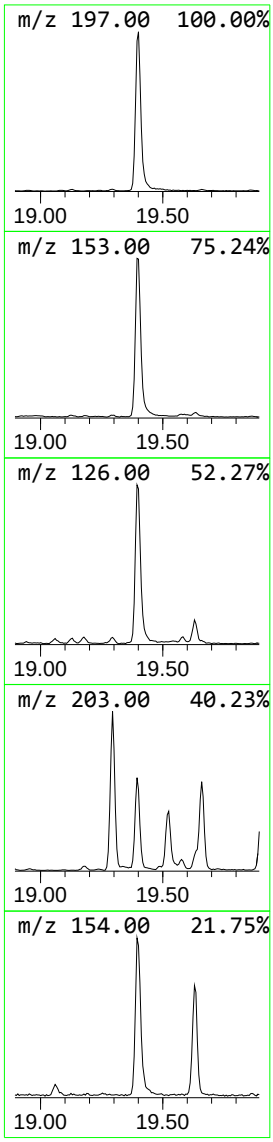
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 1H-Benz[de]isoquinoline-1,3... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.395	7.40 ng/ul	1021080	Chrysene-d12	21.424

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[de]isoquinoline-1,3(2H)-...	197	C12H7NO2	000081-83-4	98
2	1H-Benz[de]isoquinoline-1,3(2H)-...	197	C12H7NO2	000081-83-4	97
3	1H-Benz[de]isoquinoline-1,3(2H)-...	197	C12H7NO2	000081-83-4	95
4	8-Carboxynaphyhalene-1-carboxamide	215	C12H9NO3	005811-88-1	80
5	1H-Benz[de]isoquinoline-1,3(2H)-...	197	C12H7NO2	000081-83-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039527.D
Acq On : 20 Apr 2023 16:35
Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

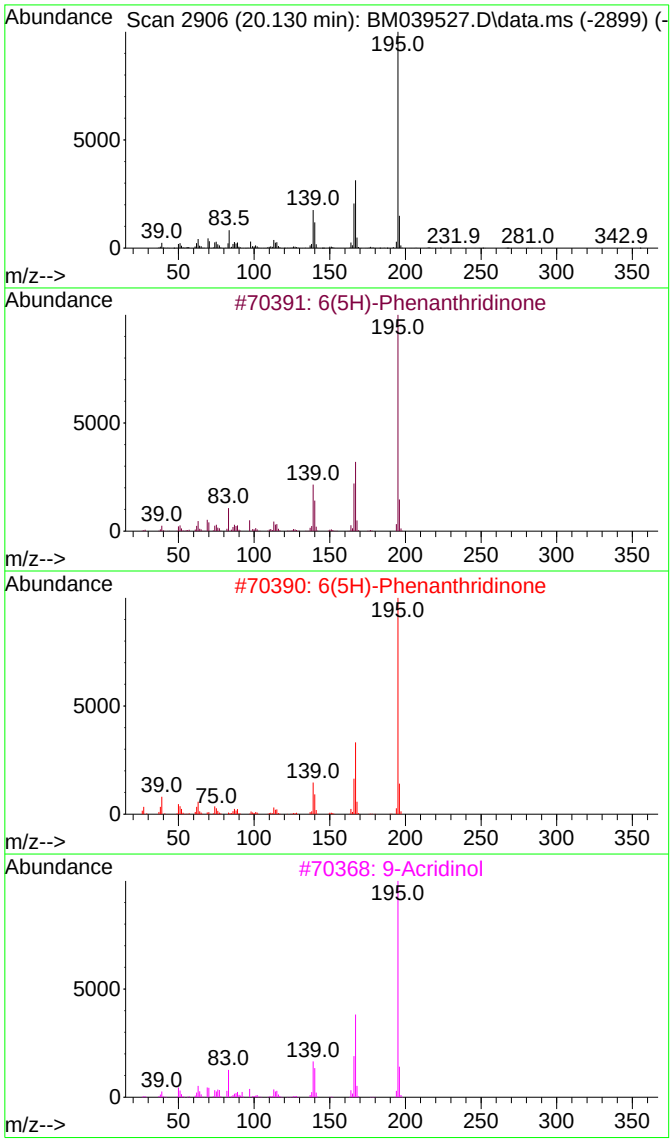
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

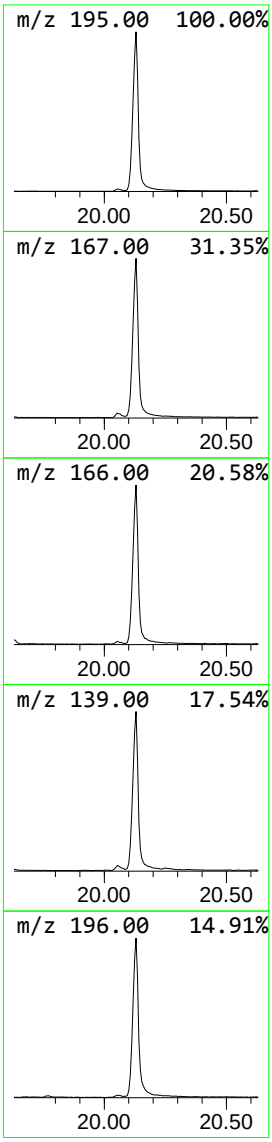
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 6(5H)-Phenanthridinone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.130	30.01 ng/ul	4141650	Chrysene-d12	21.424

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	9-Acridinol	195	C13H9NO	000643-62-9	96
4	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039527.D
Acq On : 20 Apr 2023 16:35
Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.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	7.037	8.9	ng/ul	557149	1	7.825	1245830	20.0
Benzene, 1,2,3-...	7.460	11.7	ng/ul	726822	1	7.825	1245830	20.0
Benzene, 1,2,4-...	7.931	6.2	ng/ul	387635	1	7.825	1245830	20.0
Indane	8.189	22.3	ng/ul	1386640	1	7.825	1245830	20.0
Quinoline, 2-me...	12.430	5.8	ng/ul	22358900	2	10.642	76575700	20.0
Isoquinoline, 1...	12.854	5.1	ng/ul	775098	3	14.483	3026320	20.0
Quinoline, 7-me...	12.948	8.3	ng/ul	1249320	3	14.483	3026320	20.0
Quinoline, 5-me...	13.030	10.4	ng/ul	1579250	3	14.483	3026320	20.0
Quinoline, 2,7-...	13.254	12.6	ng/ul	1902410	3	14.483	3026320	20.0
Naphthalene, 2-...	13.507	5.1	ng/ul	768342	3	14.483	3026320	20.0
Quinoline, 8-me...	13.536	5.0	ng/ul	755758	3	14.483	3026320	20.0
Naphthalene, 1,...	13.642	7.2	ng/ul	1081750	3	14.483	3026320	20.0
Naphthalene, 1,...	13.801	26.1	ng/ul	3946490	3	14.483	3026320	20.0
Quinoline, 2,6-...	14.007	9.2	ng/ul	1390550	3	14.483	3026320	20.0
Naphthalene, 2,...	14.036	4.0	ng/ul	603500	3	14.483	3026320	20.0
2-Naphthaleneca...	14.624	64.2	ng/ul	9719620	3	14.483	3026320	20.0
Benzo[c]thiophene	15.424	13.7	ng/ul	2065430	3	14.483	3026320	20.0
Benzenamine, N-...	15.765	8.0	ng/ul	1208350	3	14.483	3026320	20.0
Dibenzofuran, 4...	15.824	6.8	ng/ul	1024560	3	14.483	3026320	20.0
Naphthalene, 1-...	15.936	10.4	ng/ul	1567020	4	17.236	3021450	20.0
[1,1'-Biphenyl]...	15.977	15.4	ng/ul	2334570	4	17.236	3021450	20.0
5H-Indeno[1,2-b...	16.042	18.1	ng/ul	2742270	4	17.236	3021450	20.0
1-Acenaphthenol	16.207	7.6	ng/ul	1154920	4	17.236	3021450	20.0
5H-Indeno[1,2-b...	16.612	13.9	ng/ul	2094560	4	17.236	3021450	20.0
9H-Fluoren-9-one	16.895	70.4	ng/ul	10628900	4	17.236	3021450	20.0
Naphtho[2,1-b]t...	17.054	10.9	ng/ul	1643060	4	17.236	3021450	20.0
1,7-Phenanthroline	17.418	17.8	ng/ul	2683360	4	17.236	3021450	20.0
9,10-Anthracene...	18.659	10.4	ng/ul	1575950	4	17.236	3021450	20.0
1H-Benz[de]isoq...	19.395	7.4	ng/ul	1021080	5	21.424	2760290	20.0
6(5H)-Phenanthr...	20.130	30.0	ng/ul	4141650	5	21.424	2760290	20.0