LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039526.D
Acq On : 20 Apr 2023 15:59
Operator : CG/JU
Sample : 02296-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCBM8

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: BM039526.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.443	403	409	423	rVB	285842	605054	0.51%	0.115%
2	6.343	557	562	566	rBV	907980	1520283	1.27%	0.290%
3	7.037	671	680	694	rVB2	434513	1016198	0.85%	0.194%
4	7.160	694	701	714	rBV	959802	1772235	1.48%	0.337%
5	7.319	722	728	731	rBV	443959	694295	0.58%	0.132%
6	7.360	731	735	746	rVV	942137	1575331	1.32%	0.300%
7	7.466	747	753	760	rVV	826202	1286638	1.08%	0.245%
8	7.543	760	766	771	rVV	604820	965854	0.81%	0.184%
9	7.825	806	814	826	rBV	894127	1482269	1.24%	0.282%
10	7.931	826	832	841	rBV3	330659	638364	0.53%	0.122%
11	8.195	870	877	888	rBV	3993582	6306913	5.27%	1.201%
12	8.366	898	906	918	rVV	11602058	19216580	16.06%	3.659%
13	8.560	932	939	945	rBV	757806	1367146	1.14%	0.260%
14	8.625	945	950	956	rVV3	234344	576798	0.48%	0.110%
15	9.001	1007	1014	1022	rVV2	1246906	2237685	1.87%	0.426%
16	9.184	1038	1045	1053	rVV	613131	1010767	0.84%	0.192%
17	9.307	1060	1066	1073	rVV	1424290	3100045	2.59%	0.590%
18	9.372	1073	1077	1086	rVV	447212	760147	0.64%	0.145%
19	9.725	1130	1137	1148	rBV	865794	1595928	1.33%	0.304%
20	9.831	1148	1155	1158	rBV	661118	1160302	0.97%	0.221%
21	9.866	1158	1161	1169	rVB3	507558	980056	0.82%	0.187%
22	10.025	1179	1188	1198	rBV4	539363	1531136	1.28%	0.292%
23	10.154	1198	1210	1222	rVB2	795214	2251990	1.88%	0.429%
24	10.284	1224	1232	1244	rBV	1273534	2541781	2.12%	0.484%
25	10.719	1283	1306	1312	rBV2	28024884	119651516	100.00%	22.785%
26	10.831	1319	1325	1339	rVB	9955713	16479247	13.77%	3.138%
27	11.495	1431	1438	1444	rBV	327702	583441	0.49%	0.111%
28	11.742	1475	1480	1486	rVV3	265671	594015	0.50%	0.113%
29	11.825	1489	1494	1510	rVB	476778	982039	0.82%	0.187%
30	12.036	1522	1530	1538	rBV	611267	1108372	0.93%	0.211%
31	12.195	1550	1557	1566	rVB	1116413	1818092	1.52%	0.346%
32	12.313	1566	1577	1589	rBV	18152609	30894721	25.82%	5.883%
33	12.431	1589	1597	1603	rVV2	6990051	12035272	10.06%	2.292%
34	12.530	1603	1614	1626	rVV	13998618	23874285	19.95%	4.546%
35	12.860	1661	1670	1675	rBV	425586	709753	0.59%	0.135%
36	12.954	1680	1686	1693	rVV2	563188	994376	0.83%	0.189%

LSC Area Percent Report

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Instrument :
BNA_M
ClientSampleId :
DCBM8

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

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

37	13.036	1694	1700	1709	rVB2	266001	523230	0.44%	0.100%
38	13.319	1741	1748	1758	rVB	4078857	6409078	5.36%	1.220%
39	13.507	1776	1780	1793	rVB	967857	2049383	1.71%	0.390%
40	13.642	1793	1803	1804	rBV2	943721	1491002	1.25%	0.284%
41	13.801	1821	1830	1835	rVV	1741785	3341239	2.79%	0.636%
42	13.854	1835	1839	1842	rVV	882645	1295286	1.08%	0.247%
43	13.901	1842	1847	1858	rVB	2925163	4199478	3.51%	0.800%
44	14.013	1858	1866	1868	rBV2	572133	1020876	0.85%	0.194%
45	14.036	1868	1870	1874	rVV	592758	851539	0.71%	0.162%
46	14.177	1887	1894	1904	rBV2	3356866	7180779	6.00%	1.367%
47	14.483	1936	1946	1951	rBV2	2043142	3722463	3.11%	0.709%
48	14.554	1951	1958	1965	rBV	17475003	27438615	22.93%	5.225%
49	14.630	1965	1971	1977	rBV	6573759	9617949	8.04%	1.832%
50	14.689	1977	1981	1988	rVB	478562	770693	0.64%	0.147%
51	14.760	1988	1993	1995	rBV	719087	1035215	0.87%	0.197%
52	14.789	1995	1998	2005	rVB	994632	1473709	1.23%	0.281%
53	14.889	2008	2015	2025	rBV2	11907980	21044966	17.59%	4.008%
54	14.989	2027	2032	2045	rVB	893621	1634556	1.37%	0.311%
55	15.248	2070	2076	2091	rVB	1730643	3363491	2.81%	0.641%
56	15.371	2091	2097	2102	rBV2	630370	1098722	0.92%	0.209%
57	15.477	2110	2115	2120	rVB	4042634	5497303	4.59%	1.047%
58	15.536	2120	2125	2133	rVB	6540262	9469875	7.91%	1.803%
59	15.619	2133	2139	2143	rBV2	1208953	1890951	1.58%	0.360%
60	15.689	2148	2151	2157	rVB2	717250	1052373	0.88%	0.200%
61	15.777	2160	2166	2171	rVB6	358193	736772	0.62%	0.140%
62	15.830	2171	2175	2178	rBV	641076	1034114	0.86%	0.197%
63	15.942	2188	2194	2196	rBV2	684406	1026041	0.86%	0.195%
64	15.971	2196	2199	2207	rVV	842743	1684678	1.41%	0.321%
65	16.042	2207	2211	2221	rVB	1024298	1665495	1.39%	0.317%
66	16.224	2230	2242	2250	rBV2	10268170	17889249	14.95%	3.407%
67	16.324	2256	2259	2267	rVB3	343533	581337	0.49%	0.111%
68	16.418	2267	2275	2280	rBV4	578467	1156211	0.97%	0.220%
69	16.566	2280	2300	2303	rBV2	5921487	23206528	19.40%	4.419%
70	16.860	2338	2350	2352	rBV	1606103	3619812	3.03%	0.689%
71	16.895	2352	2356	2360	rVV	1728901	2374592	1.98%	0.452%
72	16.942	2360	2364	2374	rVB	1143155	2058157	1.72%	0.392%
73	17.054	2374	2383	2388	rBV	866813	1802634	1.51%	0.343%
74	17.136	2388	2397	2405	rBV	1409652	3301901	2.76%	0.629%
75	17.201	2405	2408	2410	rBV	503157	600084	0.50%	0.114%
76	17.236	2410	2414	2417	rBV	2158989	2743409	2.29%	0.522%

LSC Area Percent Report

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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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Peak separation: 5

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

77	17.283	2417	2422	2426	rVB	8800403	11654975	9.74%	2.219%
78	17.336	2426	2431	2436	rVB	4699181	6297500	5.26%	1.199%
79	17.430	2436	2447	2451	rBV3	1344138	4261528	3.56%	0.812%
80	17.565	2465	2470	2476	rBV2	783971	1266482	1.06%	0.241%
81	17.654	2476	2485	2489	rBV	7547230	13175434	11.01%	2.509%
82	17.695	2489	2492	2496	rVV	2239753	3372617	2.82%	0.642%
83	17.754	2496	2502	2509	rVB4	1141417	2314153	1.93%	0.441%
84	17.824	2509	2514	2520	rBV	1372513	2257645	1.89%	0.430%
85	17.924	2526	2531	2534	rBV	617665	961891	0.80%	0.183%
86	18.095	2555	2560	2567	rBV3	620585	1273210	1.06%	0.242%
87	18.165	2567	2572	2576	rVV2	1274211	2032987	1.70%	0.387%
88	18.254	2583	2587	2592	rVV	603650	861068	0.72%	0.164%
89	18.307	2592	2596	2608	rVB	956817	1496841	1.25%	0.285%
90	18.418	2609	2615	2619	rBV2	470566	931219	0.78%	0.177%
91	18.460	2619	2622	2626	rVV3	302902	524363	0.44%	0.100%
92	18.560	2635	2639	2647	rVV2	407731	866410	0.72%	0.165%
93	19.412	2778	2784	2797	rVB3	307111	717319	0.60%	0.137%
94	19.630	2815	2821	2828	rBV	4715716	6553520	5.48%	1.248%
95	20.059	2889	2894	2899	rVV2	290077	582994	0.49%	0.111%
96	20.136	2900	2907	2924	rVB	2525289	4263159	3.56%	0.812%
97	20.765	3011	3014	3024	rVB2	407015	726620	0.61%	0.138%
98	21.430	3122	3127	3135	rBV	2046631	2774863	2.32%	0.528%
99	23.642	3496	3503	3518	rVB2	2293960	4626342	3.87%	0.881%
100	23.794	3522	3529	3543	rVB2	1173097	2464459	2.06%	0.469%

Sum of corrected areas: 525130308

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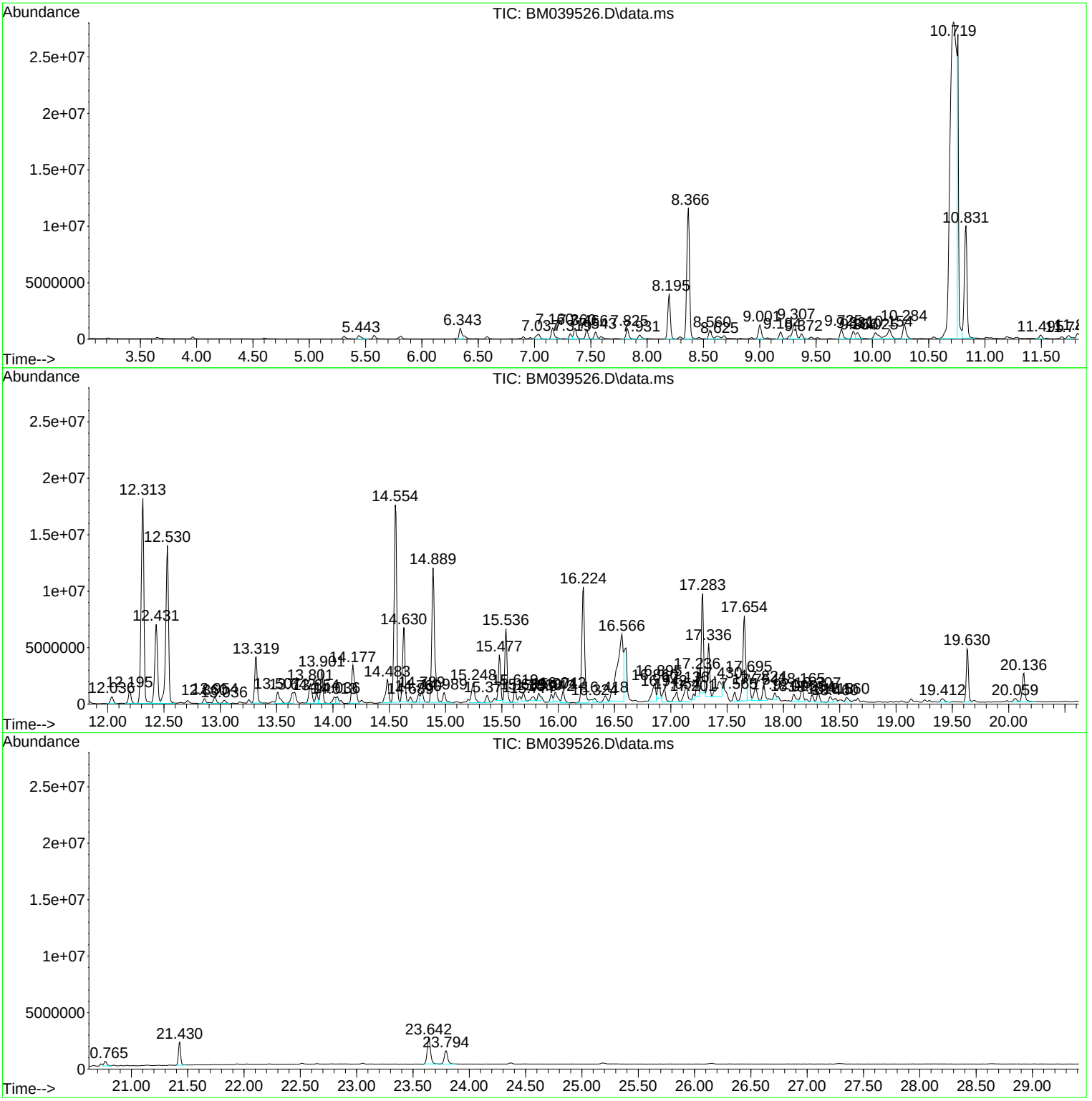
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039526.D
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

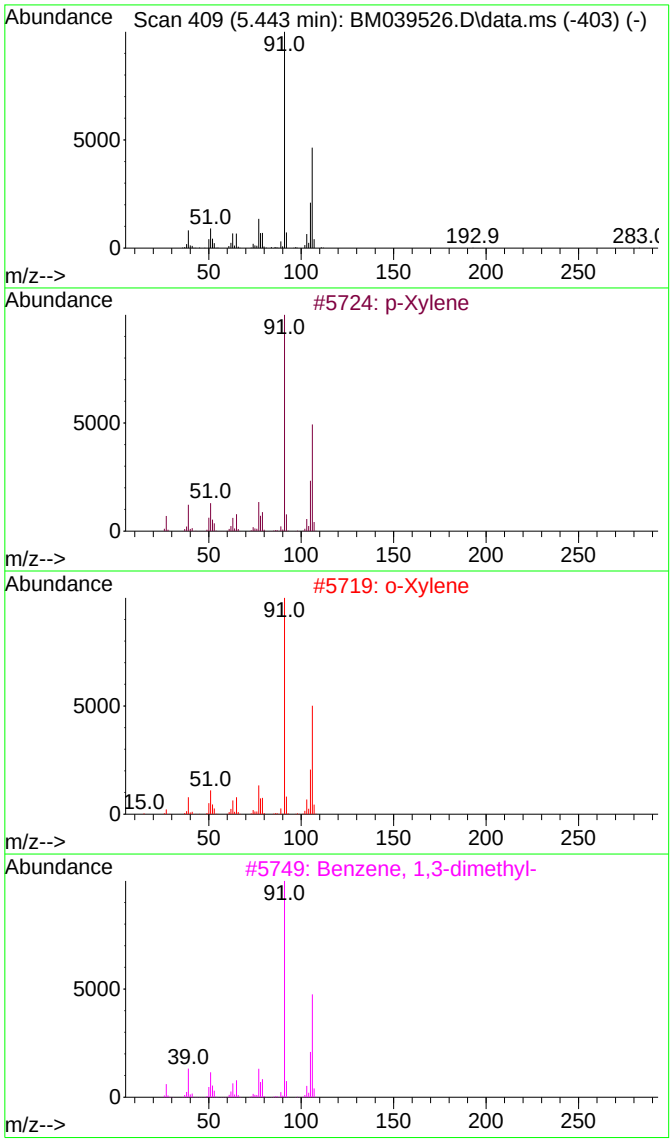
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

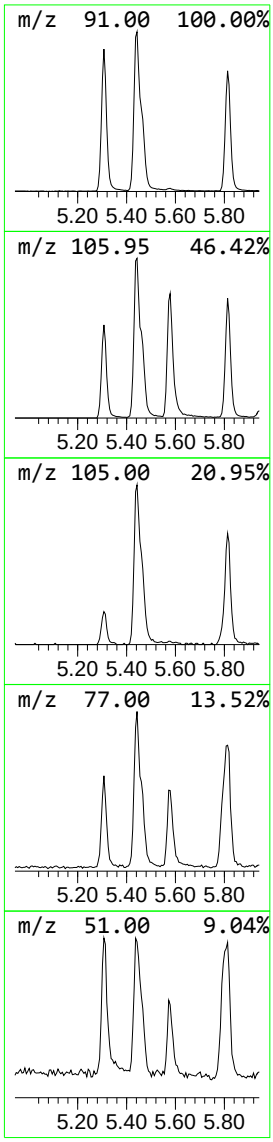
****

Peak Number 1 p-Xylene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.443	8.16 ng/ul	605054	1,4-Dichlorobenzene-d4	7.825

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





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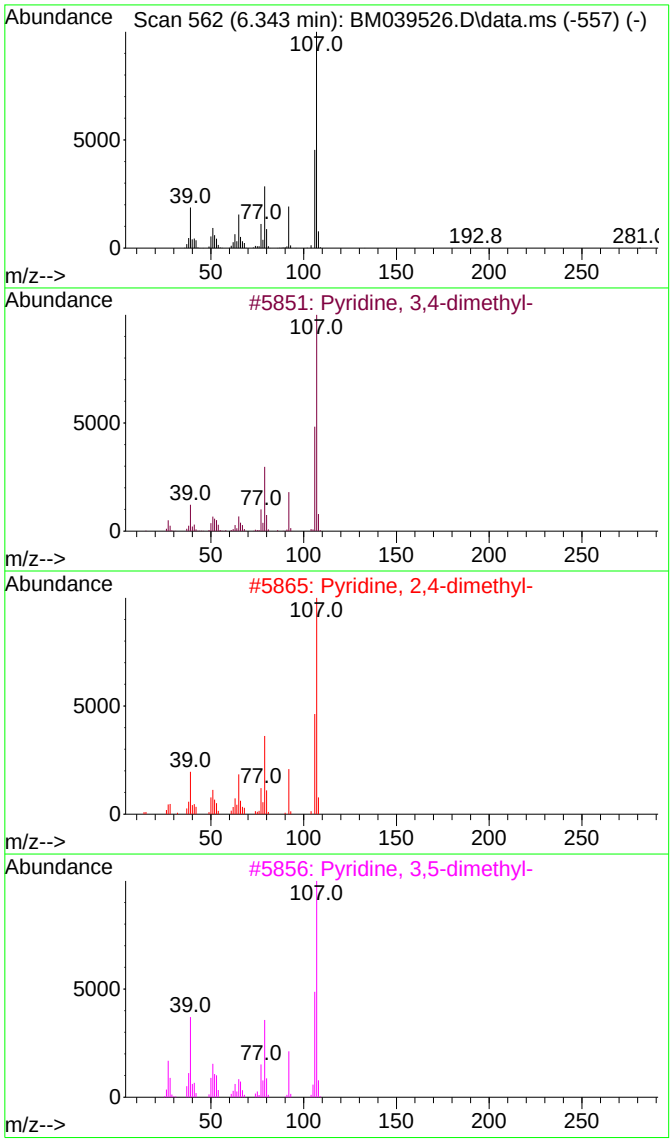
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

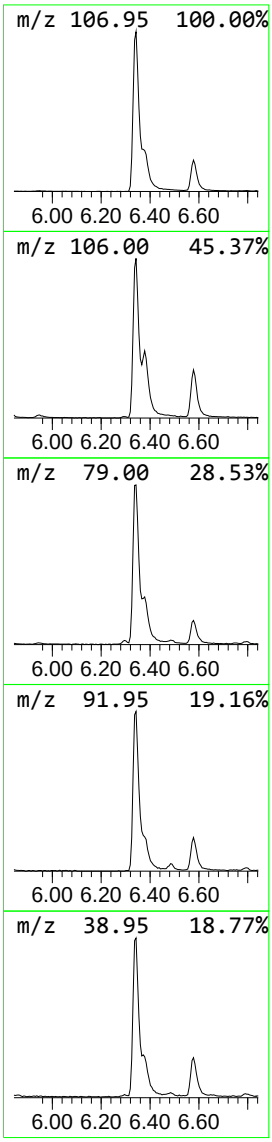
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pyridine, 3,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.343	20.51 ng/ul	1520280	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	95
2	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	95
3	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	94
4	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	91
5	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	91





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Data File : BM039526.D
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BNA_M
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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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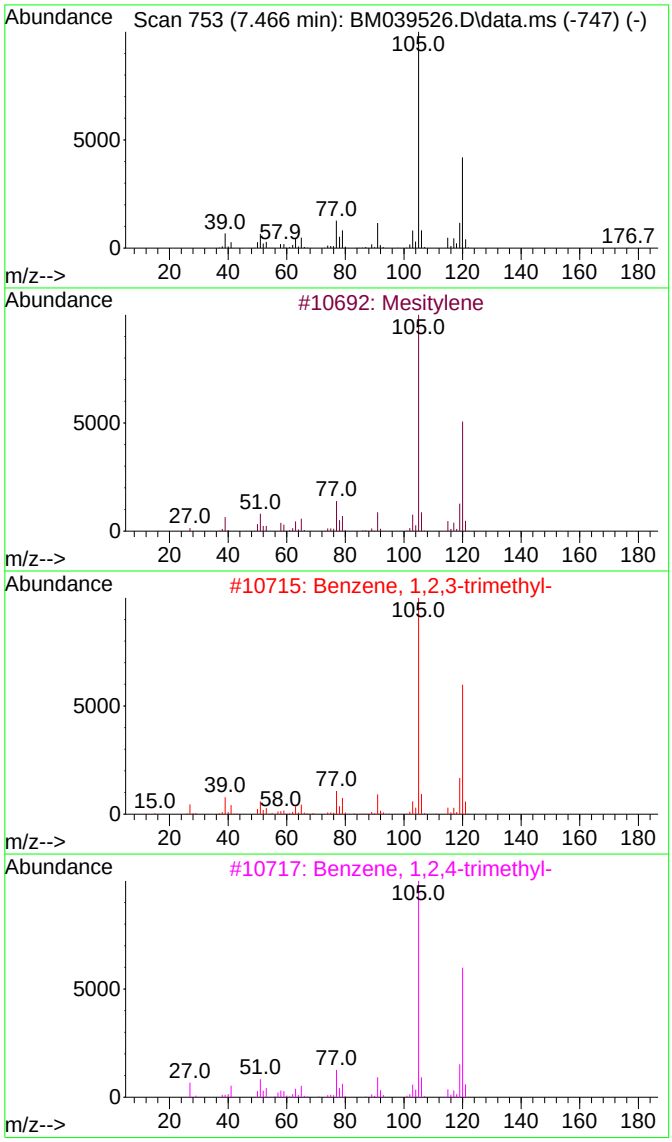
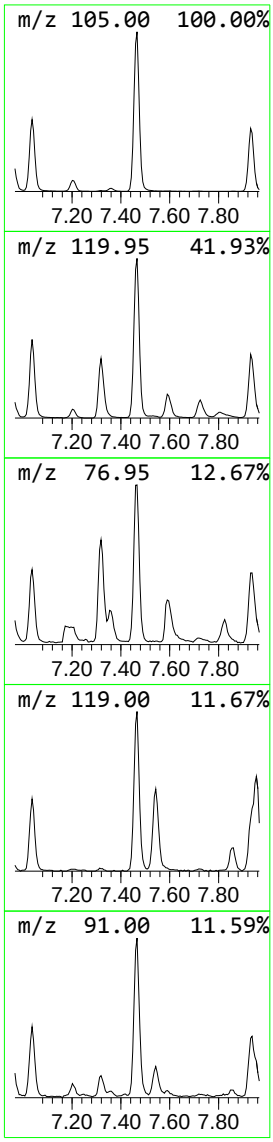
Peak Number 3 Mesitylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.466	17.36 ng/ul	1286640	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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





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Instrument :
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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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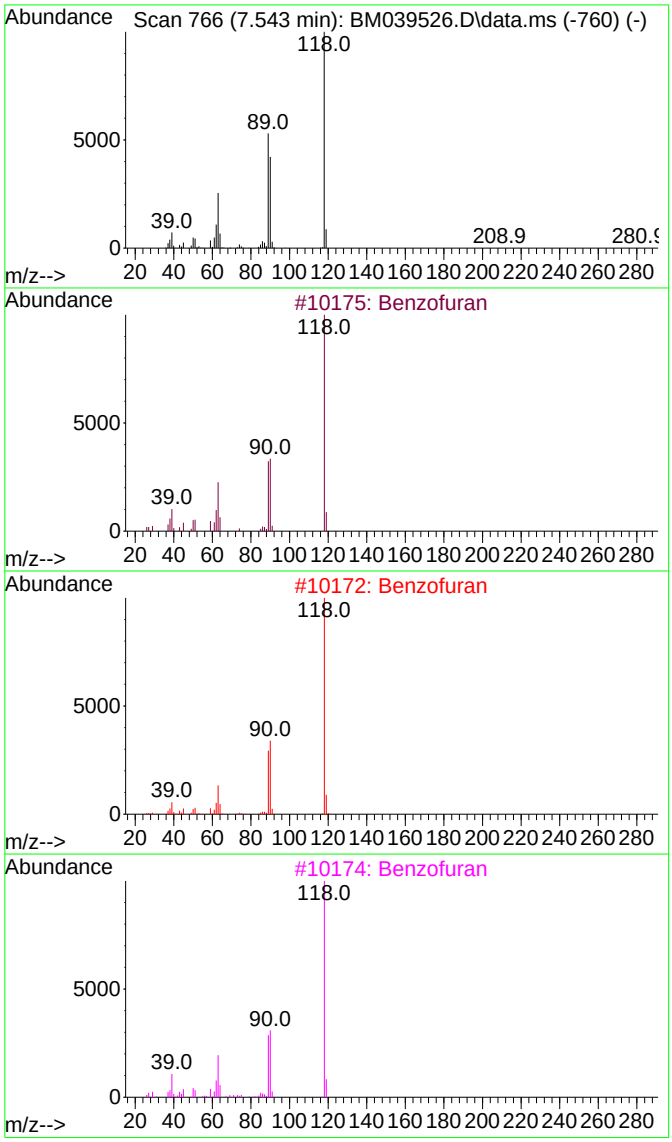
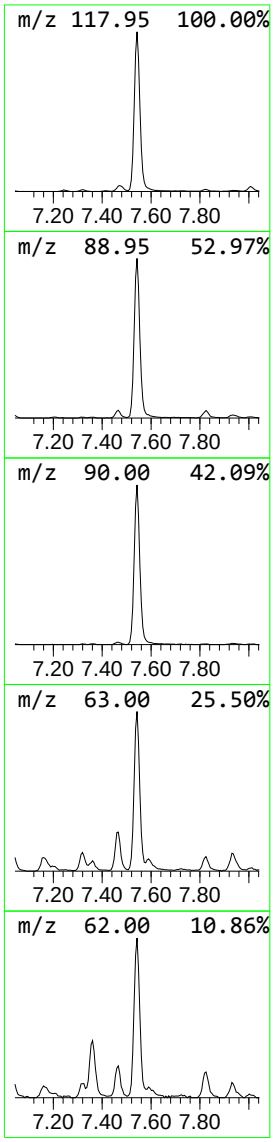
Peak Number 4 Benzofuran Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.543	13.03 ng/ul	965854	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	93
3	Benzofuran	118	C8H6O	000271-89-6	90
4	Benzofuran	118	C8H6O	000271-89-6	87
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	80





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Operator : CG/JU
Sample : 02296-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM8

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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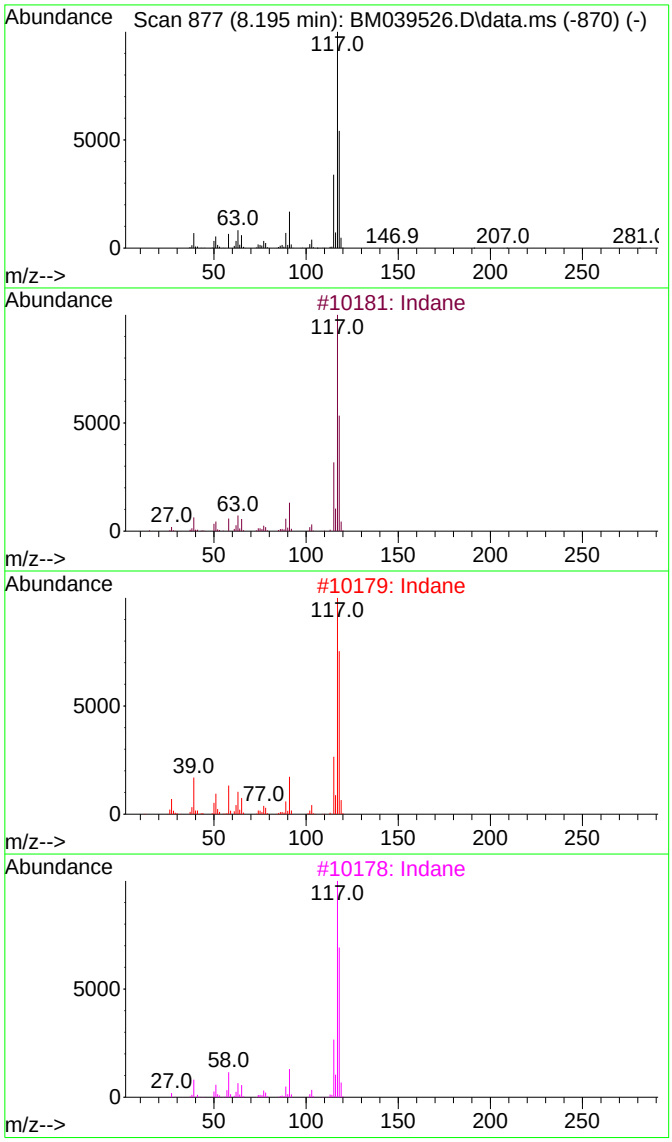
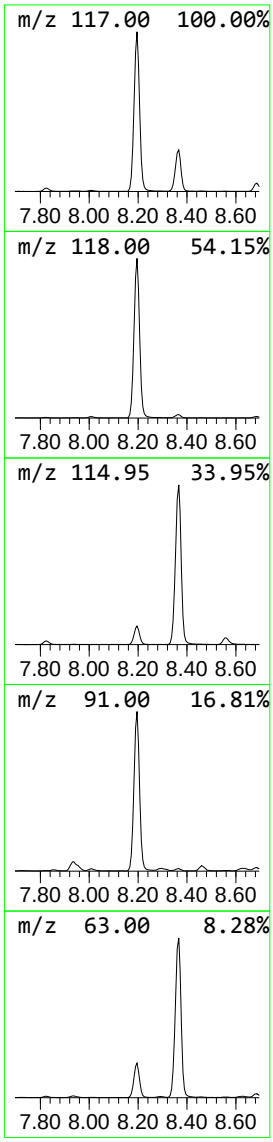
Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.195	85.10 ng/ul	6306910	1,4-Dichlorobenzene-d4	7.825

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	87
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	53





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Operator : CG/JU
Sample : 02296-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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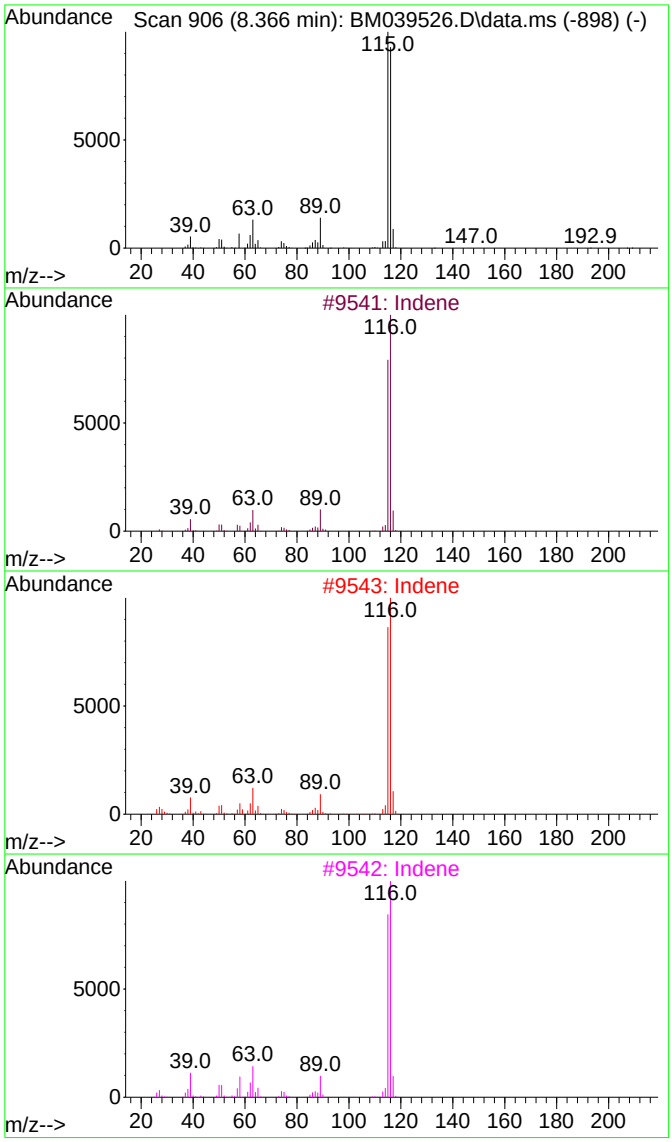
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

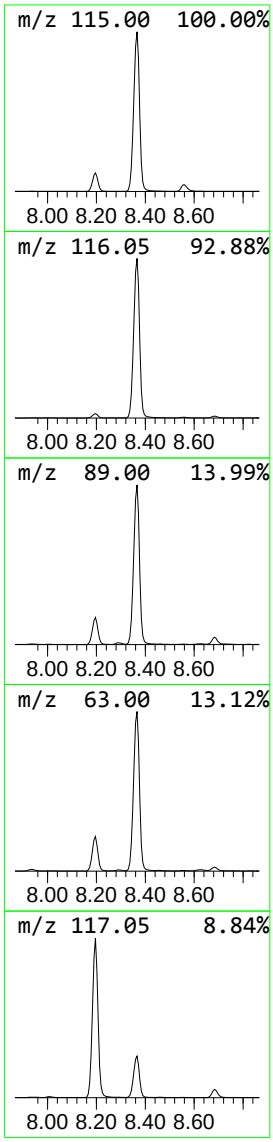
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.366	259.29 ng/ul	19216600	1,4-Dichlorobenzene-d4	7.825

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





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ALS Vial : 7 Sample Multiplier: 1

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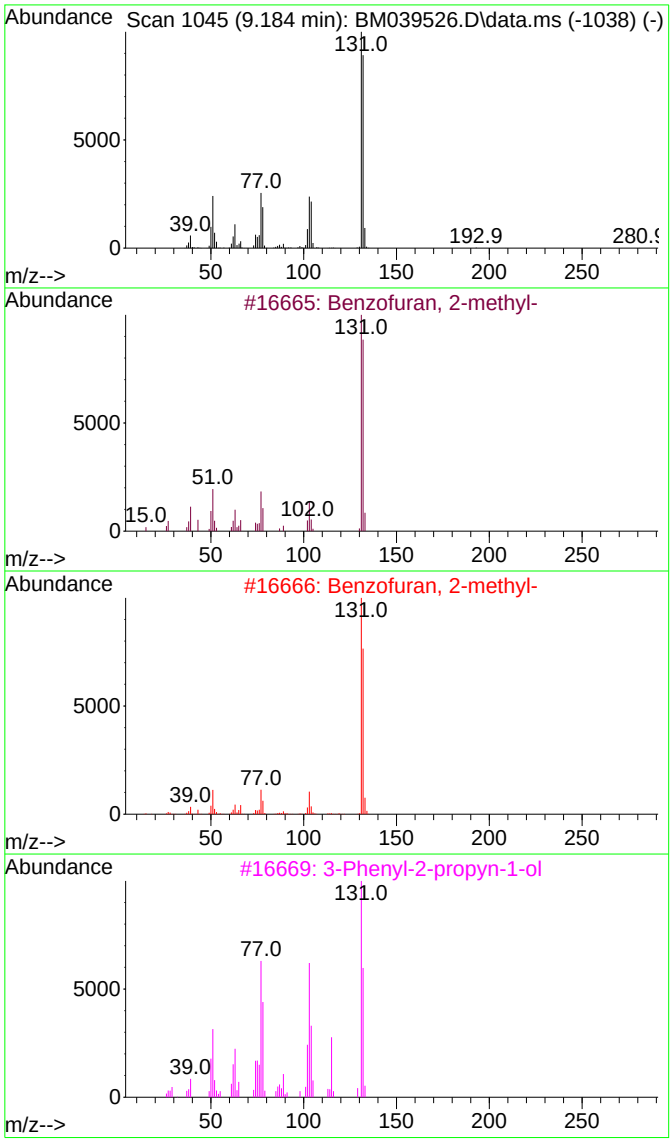
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

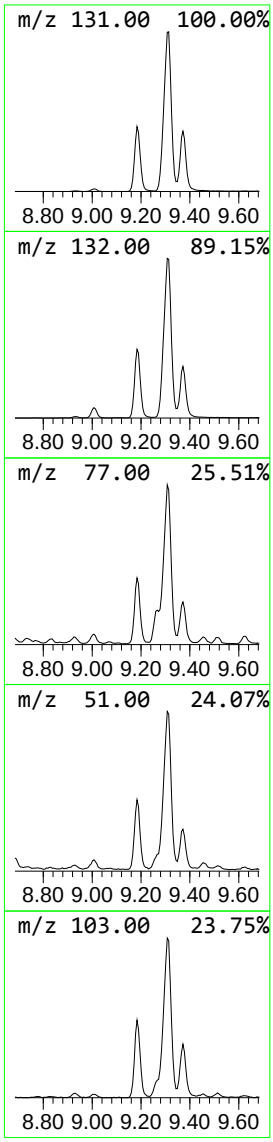
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzofuran, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.184	13.64 ng/ul	1010770	1,4-Dichlorobenzene-d4	7.825

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	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





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ALS Vial : 7 Sample Multiplier: 1

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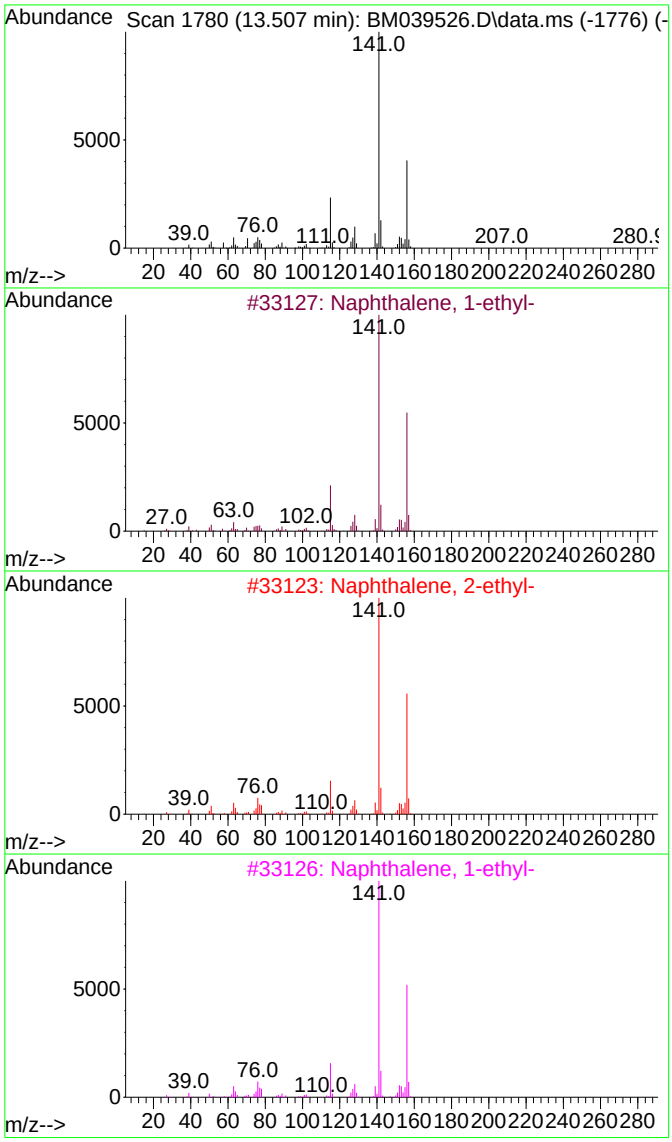
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

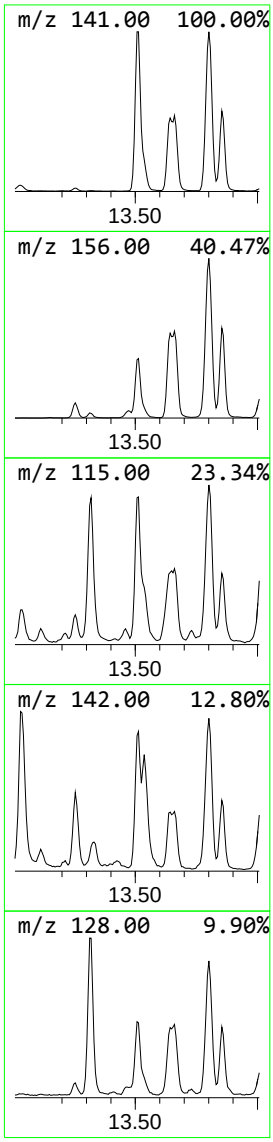
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.507	11.01 ng/ul	2049380	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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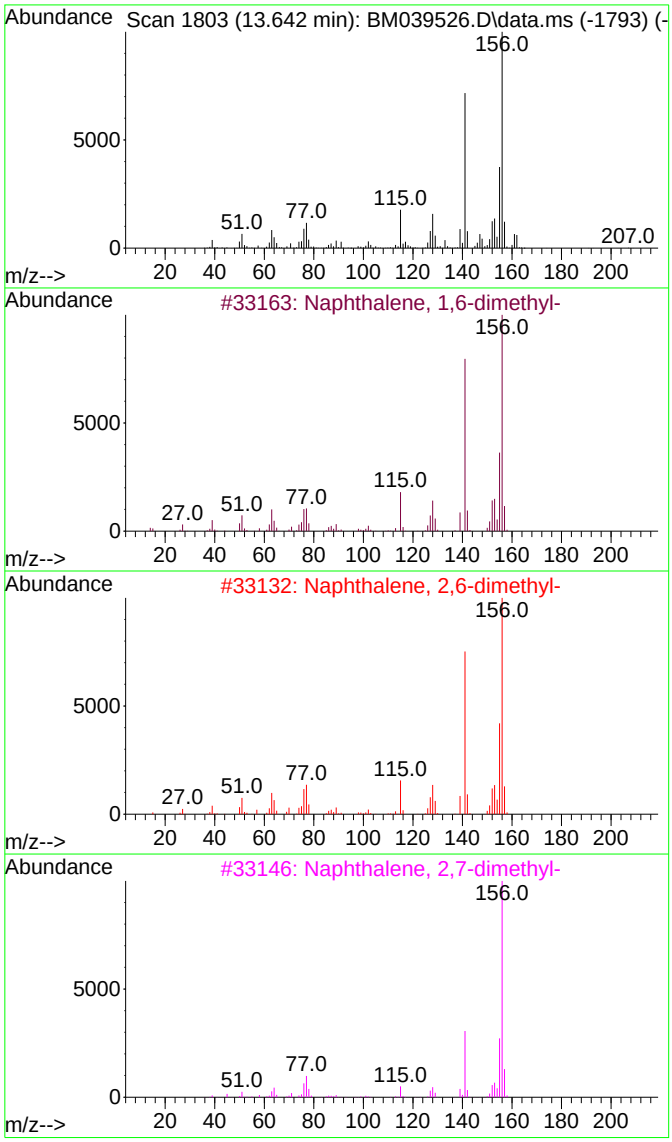
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

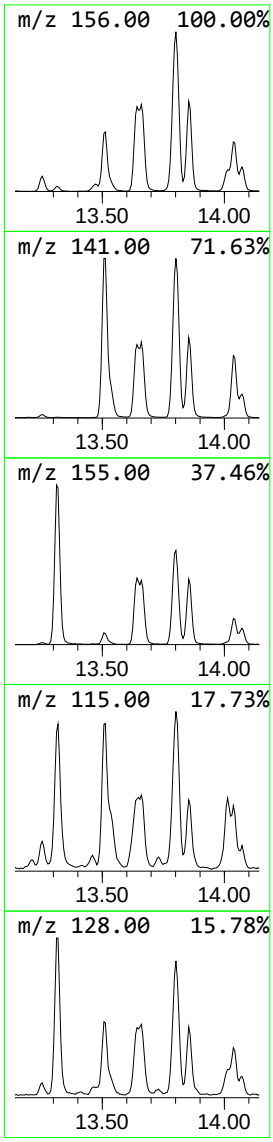
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.642	8.01 ng/ul	1491000	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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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ALS Vial : 7 Sample Multiplier: 1

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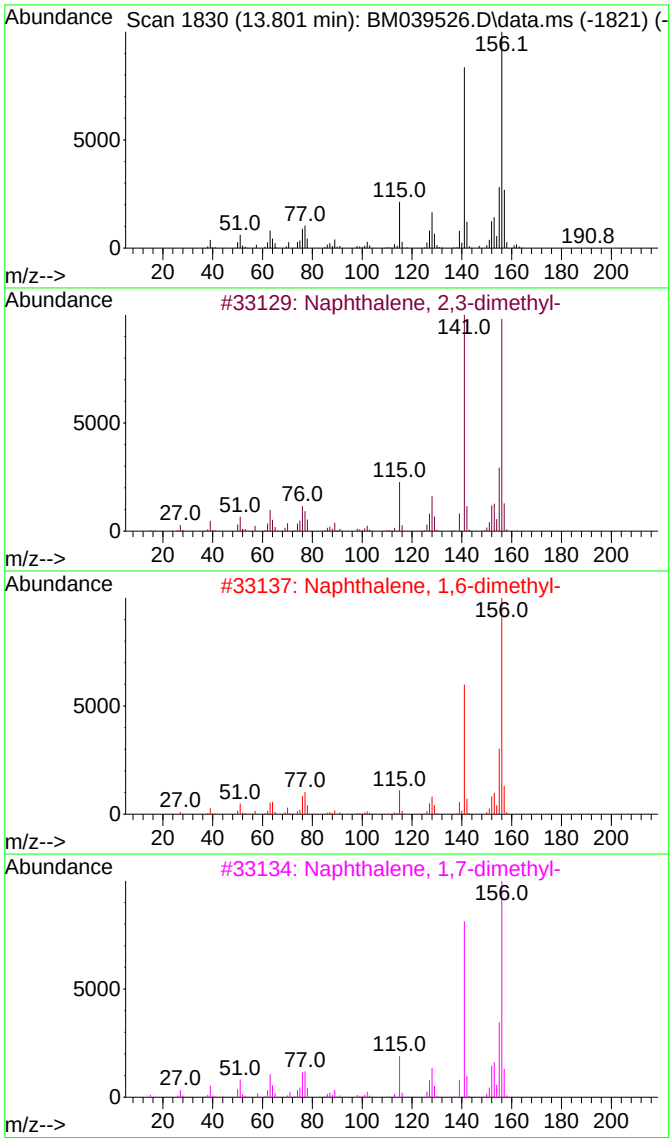
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

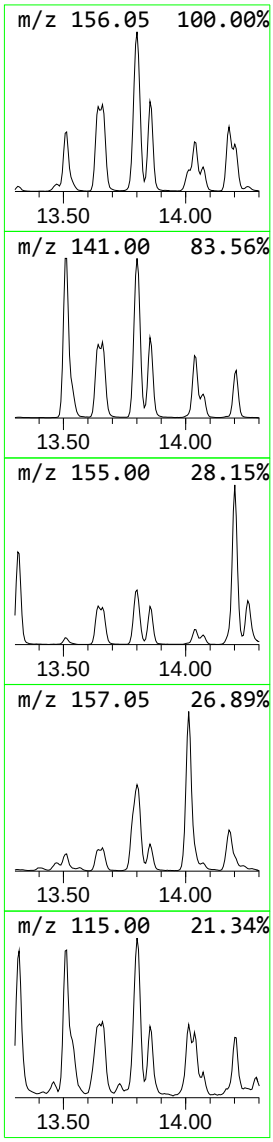
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.801	17.95 ng/ul	3341240	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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ALS Vial : 7 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

****
Peak Number 18 2-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.630	51.68 ng/ul	9617950	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	95
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
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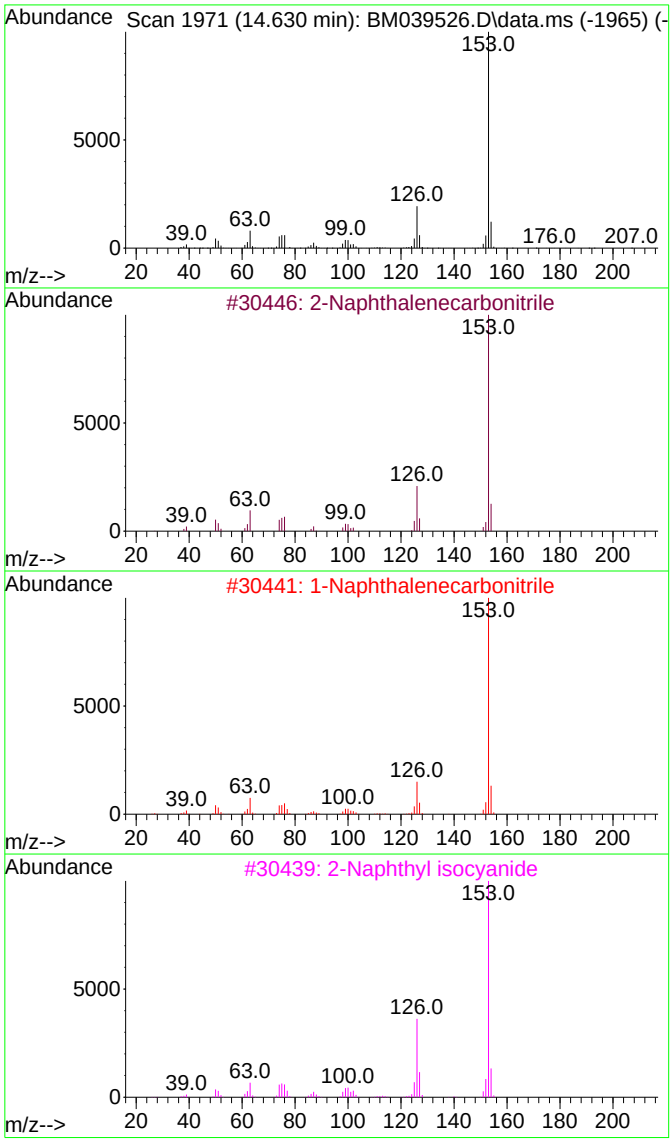

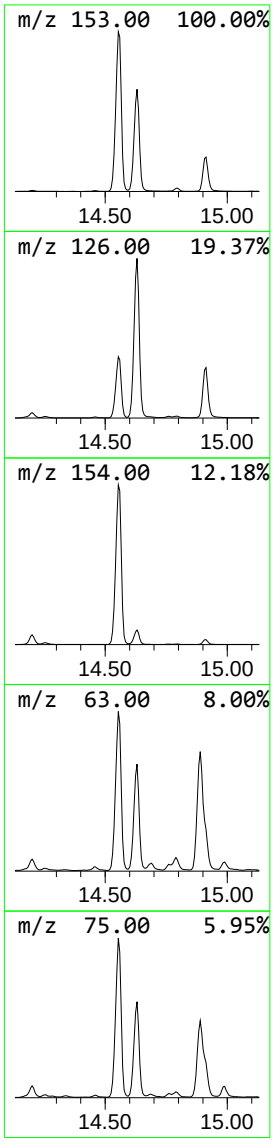

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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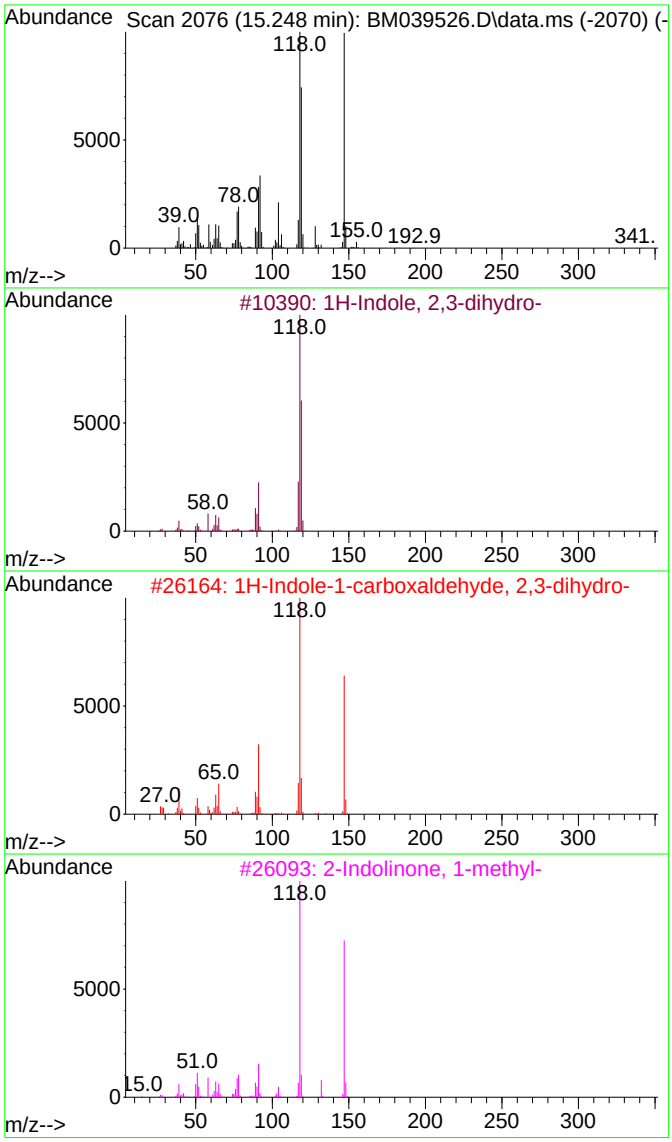
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

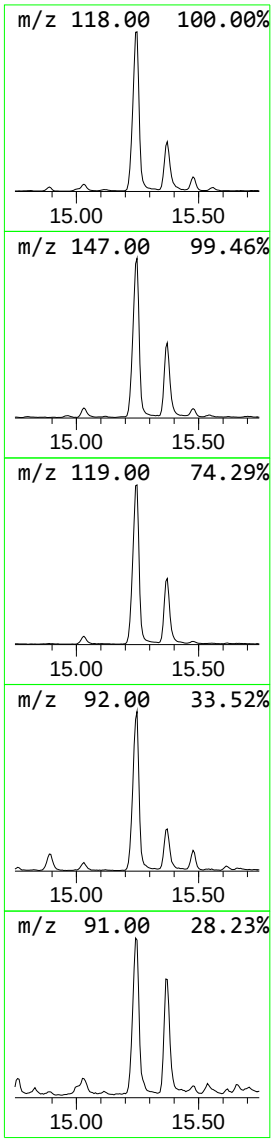
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1H-Indole, 2,3-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.248	18.07 ng/ul	3363490	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2,3-dihydro-	119	C8H9N	000496-15-1	86
2	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	60
3	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	60
4	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	58
5	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	58





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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

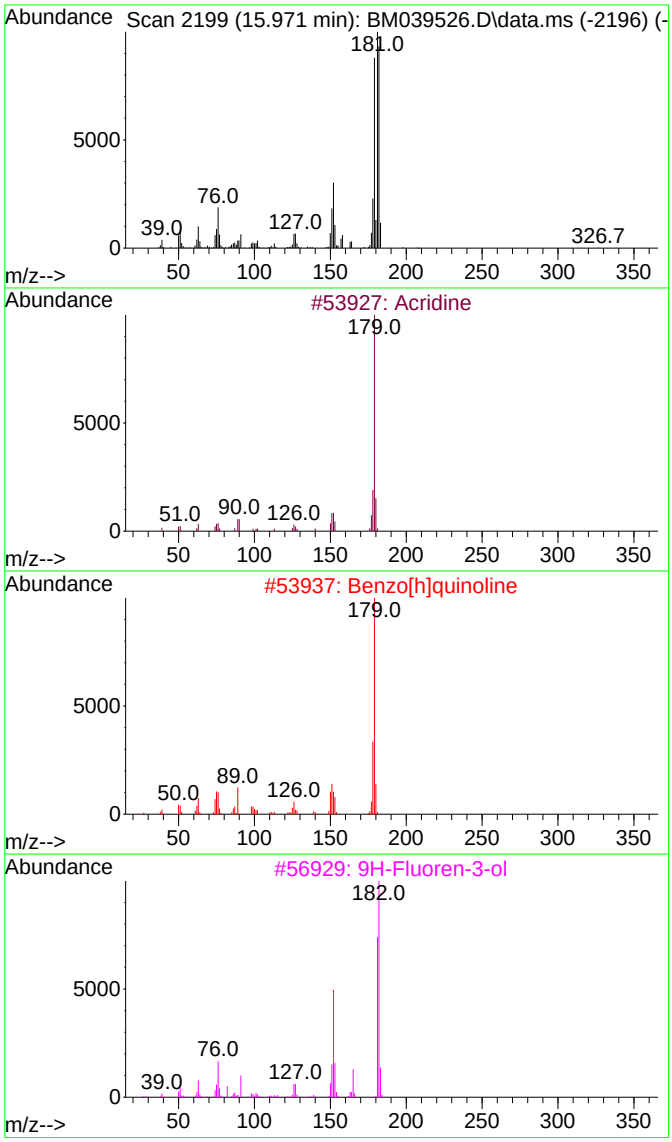
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

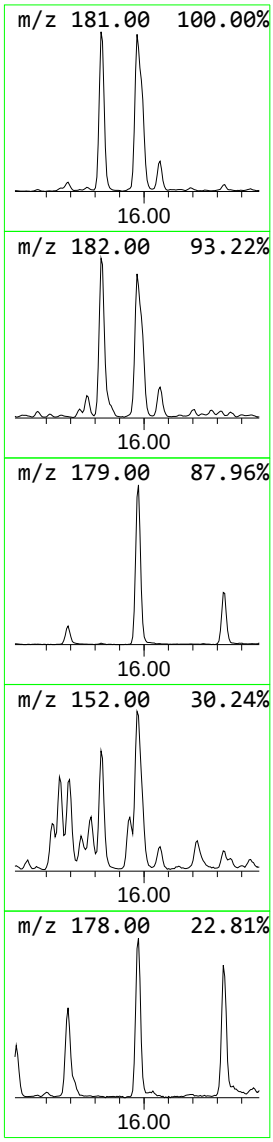
****

Peak Number 27 Acridine Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.972	12.28 ng/ul	1684680	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	80
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	55
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	55
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	53





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ALS Vial : 7 Sample Multiplier: 1

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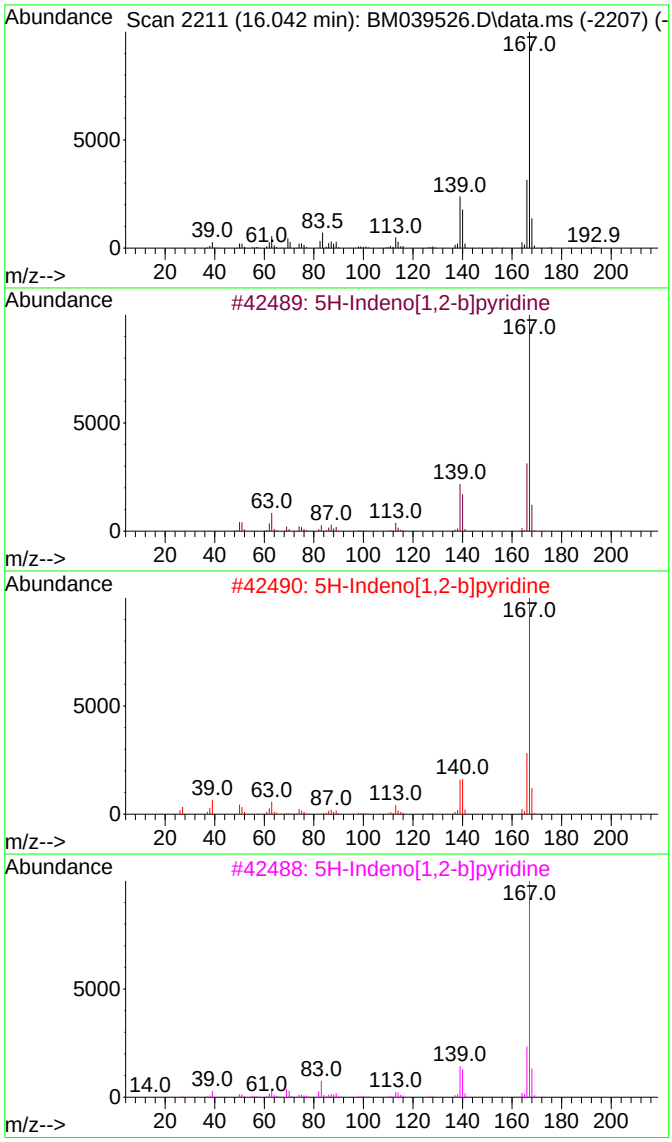
Quant Title : SVOA CALIBRATION

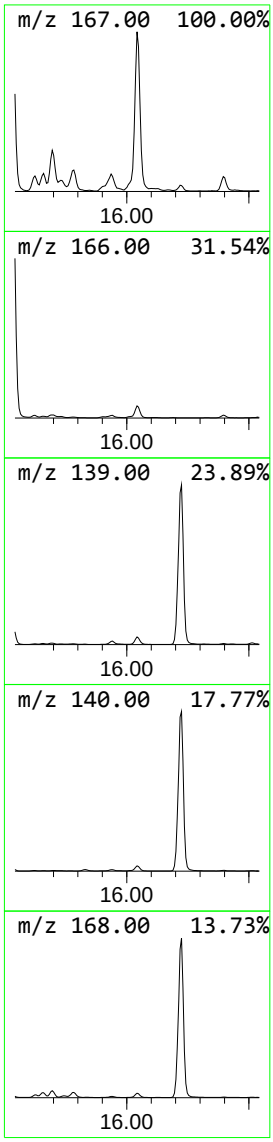
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 5H-Indeno[1,2-b]pyridine Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.042	12.14 ng/ul	1665500	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	93
4	Carbazole	167	C12H9N	000086-74-8	90
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90





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ALS Vial : 7 Sample Multiplier: 1

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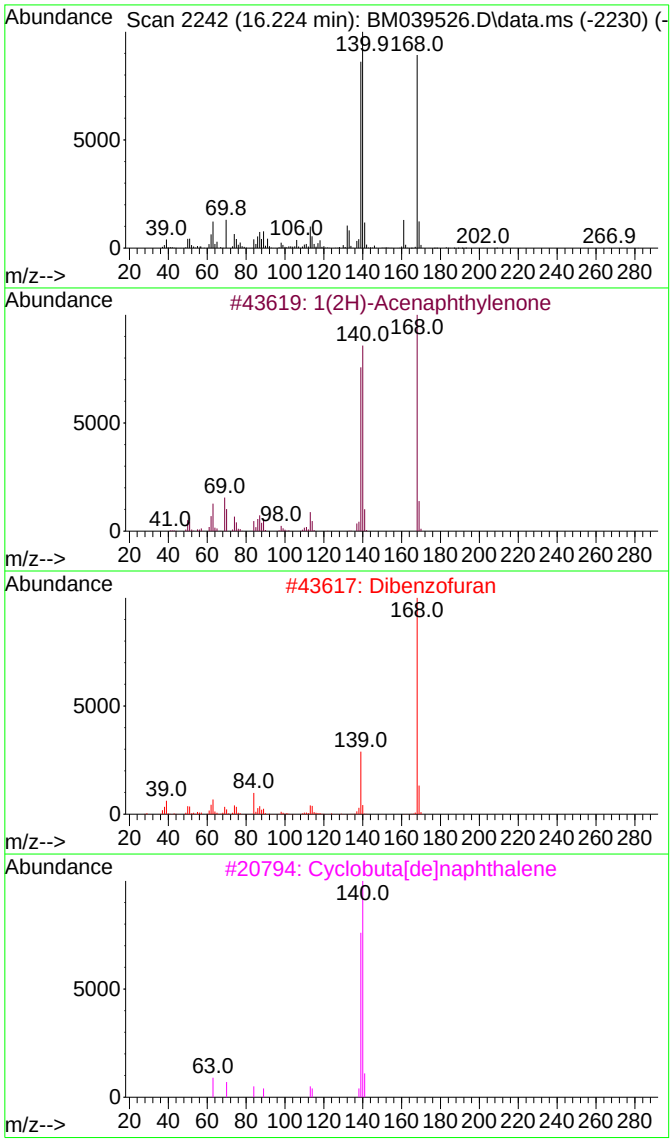
Quant Title : SVOA CALIBRATION

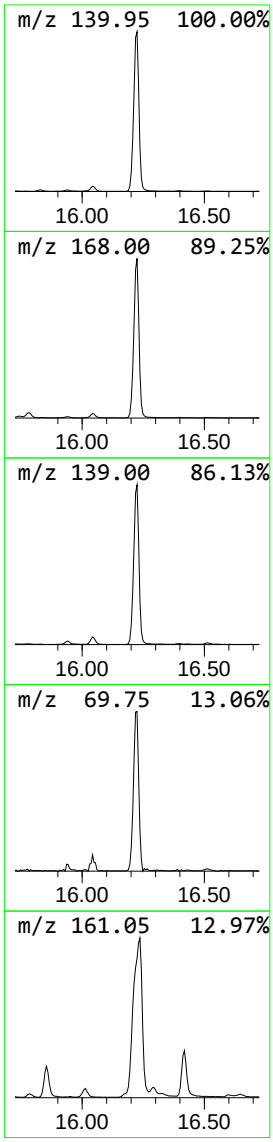
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1(2H)-Acenaphthylenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.224	130.42 ng/ul	17889200	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	97
2	Dibenzofuran	168	C12H8O	000132-64-9	60
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	60
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	53
5	Dibenzofuran	168	C12H8O	000132-64-9	47





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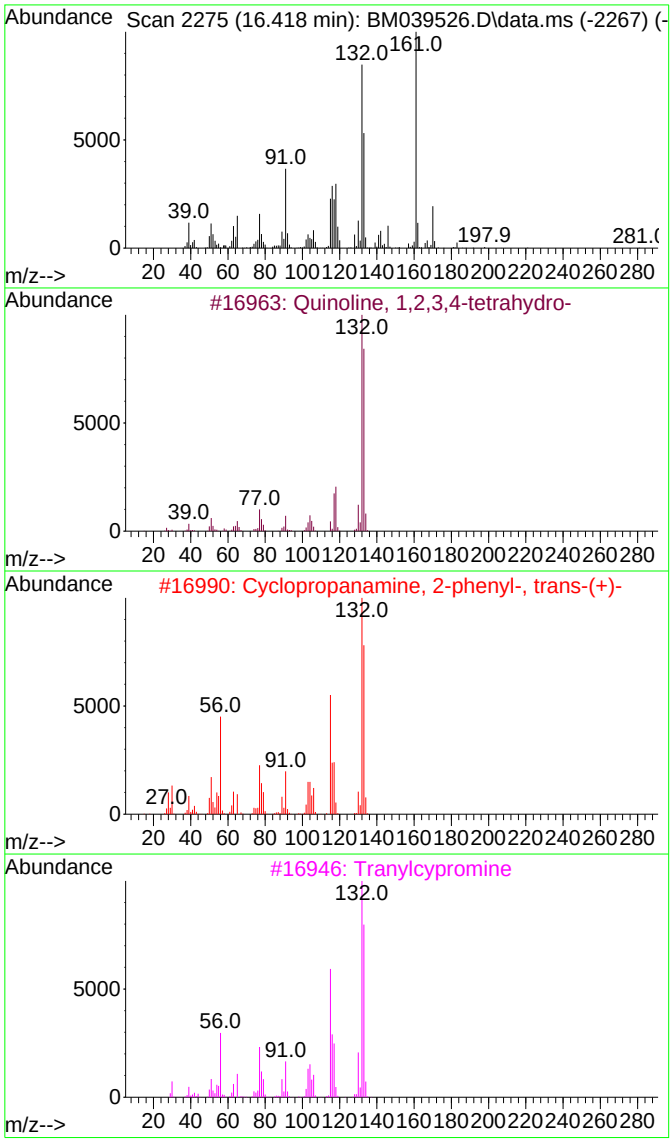
Quant Title : SVOA CALIBRATION

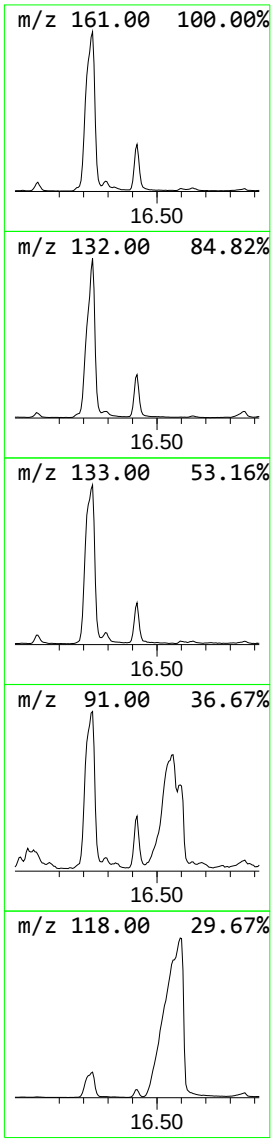
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Quinoline, 1,2,3,4-tetrahydro- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.419	8.43 ng/ul	1156210	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
2	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	50
3	Tranylcypromine	133	C9H11N	000155-09-9	50
4	5-Aminoindan	133	C9H11N	024425-40-9	46
5	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	46





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Misc :
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ClientSampleId :
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TIC Integration Parameters: LSCINT.P

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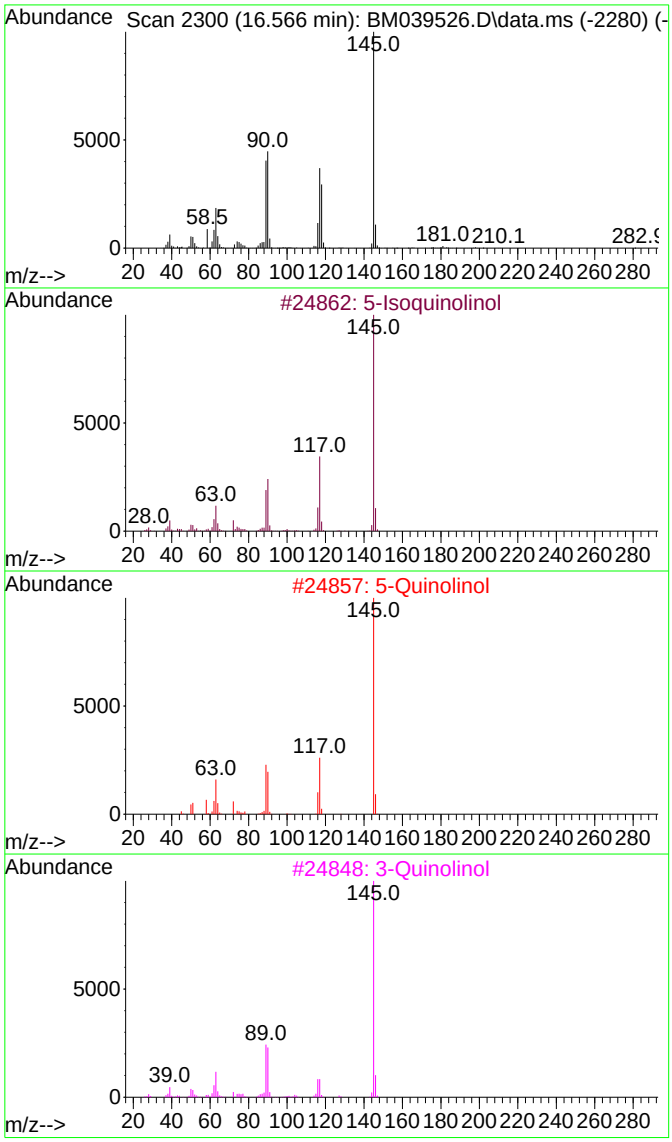
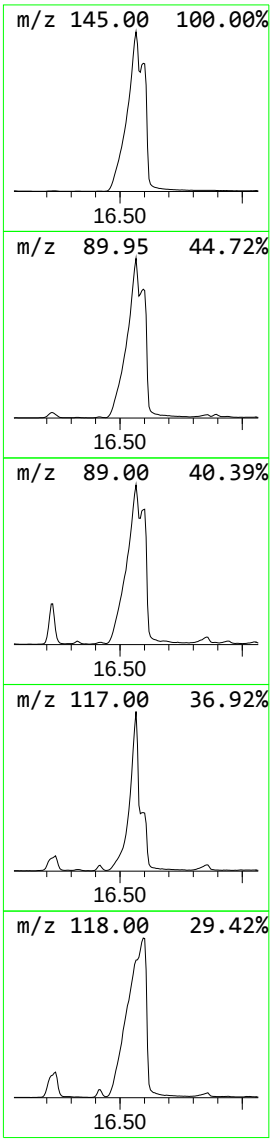
Peak Number 32 5-Isoquinolinol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.566	169.18 ng/ul	23206500	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Isoquinolinol	145	C9H7NO	002439-04-5	91
2	5-Quinolinol	145	C9H7NO	000578-67-6	87
3	3-Quinolinol	145	C9H7NO	000580-18-7	87
4	1-Phthalazinamine	145	C8H7N3	019064-69-8	87
5	3-Quinolinol	145	C9H7NO	000580-18-7	83





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Acq On : 20 Apr 2023 15:59
Operator : CG/JU
Sample : 02296-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM8

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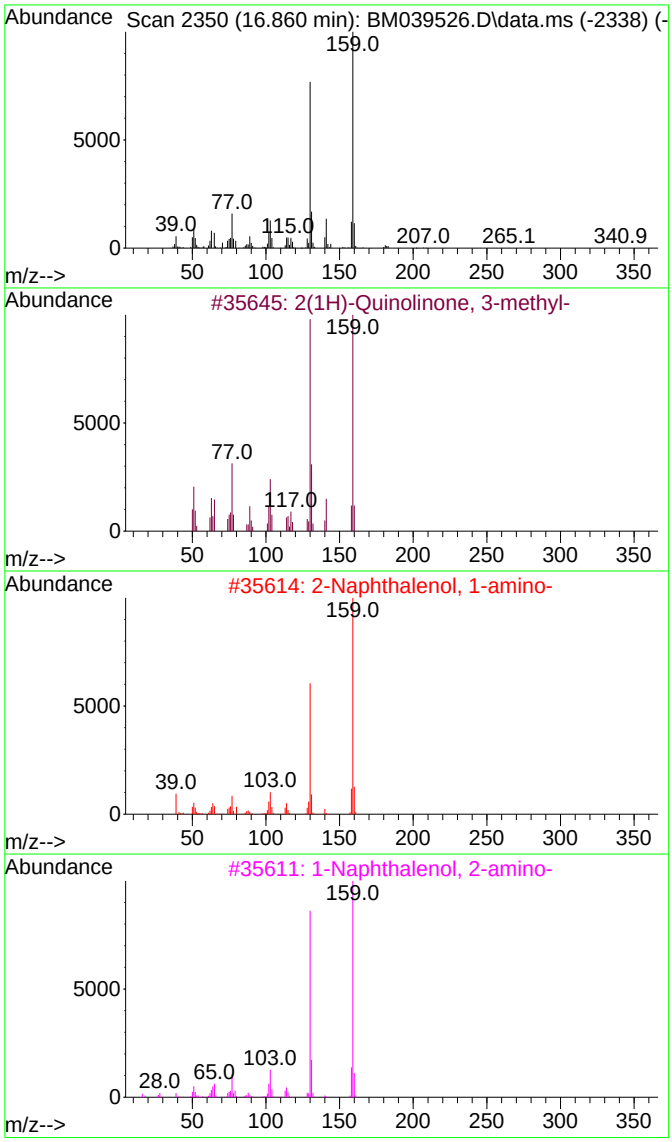
Quant Title : SVOA CALIBRATION

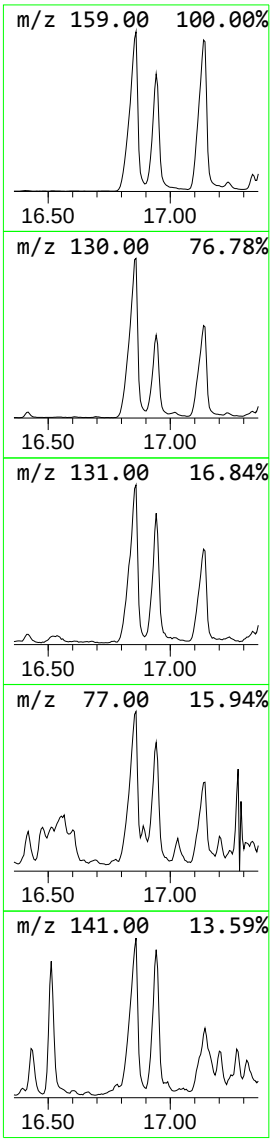
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 2(1H)-Quinolinone, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.860	26.39 ng/ul	3619810	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	97
2	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	94
3	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	93
4	2(1H)-Quinolinone, 4-methyl-	159	C10H9NO	000607-66-9	93
5	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	93





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Sample : 02296-19
Misc :
ALS Vial : 7 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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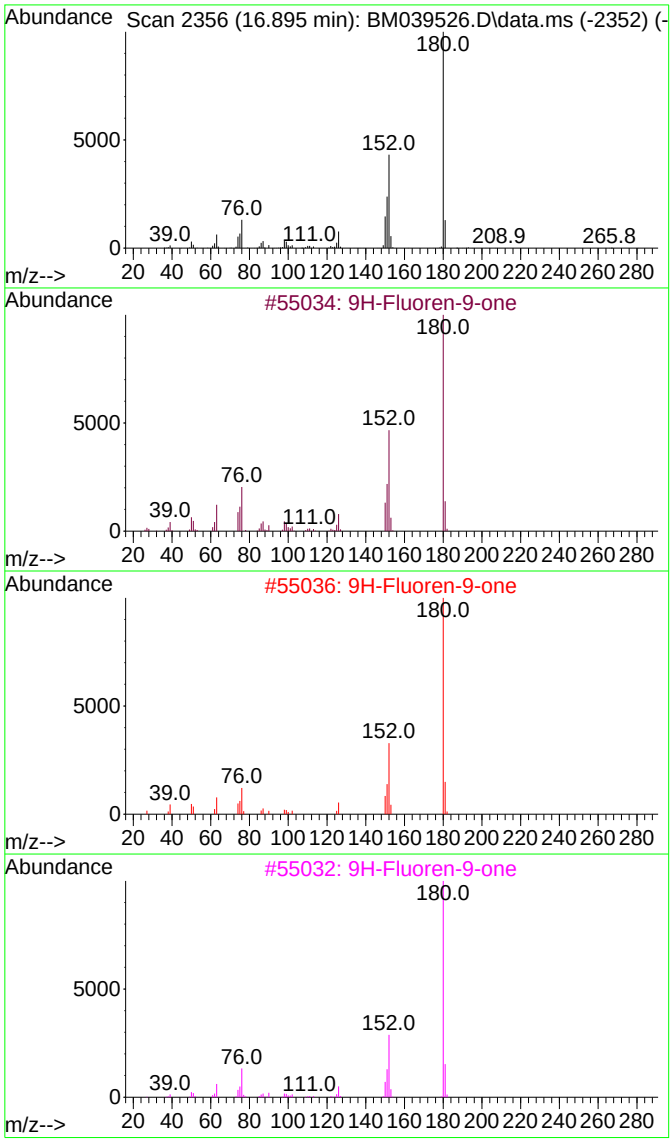
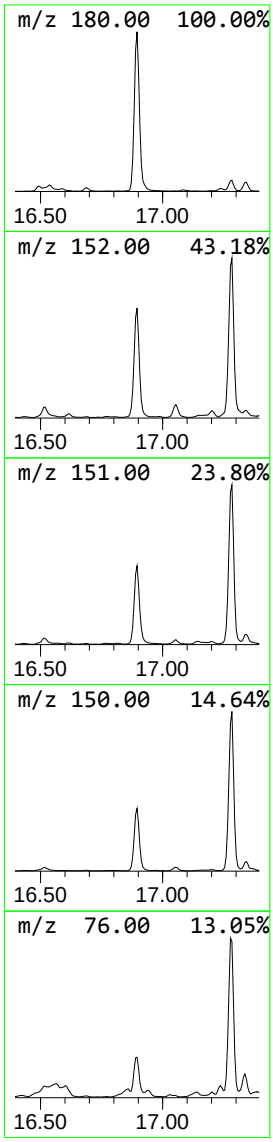
Peak Number 34 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.895	17.31 ng/ul	2374590	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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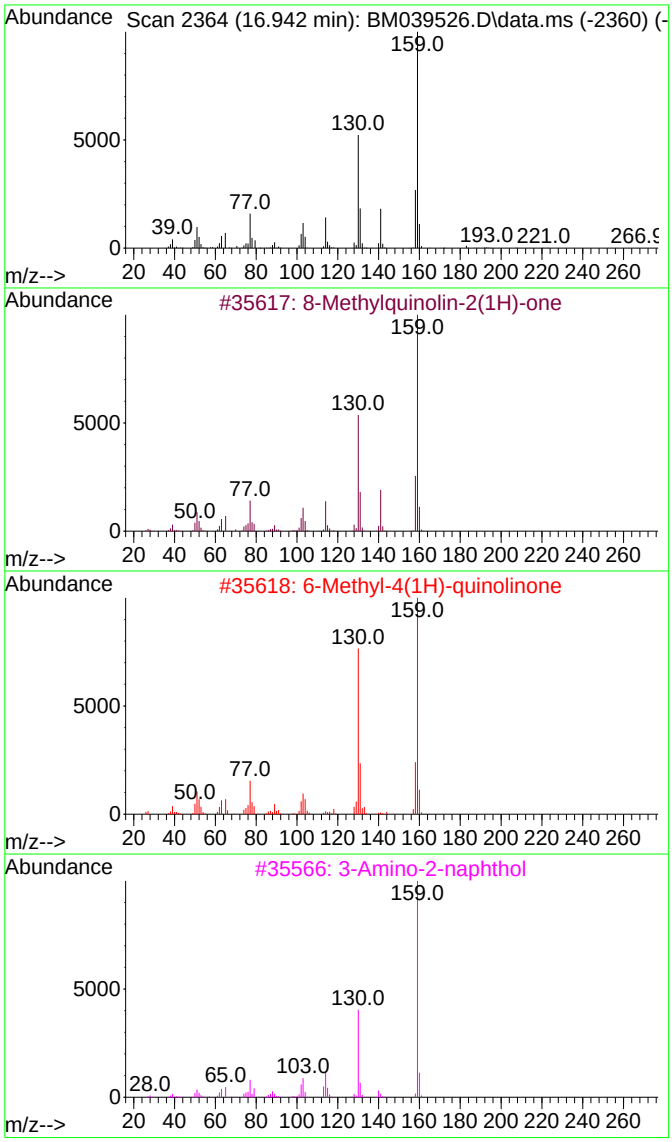
Quant Title : SVOA CALIBRATION

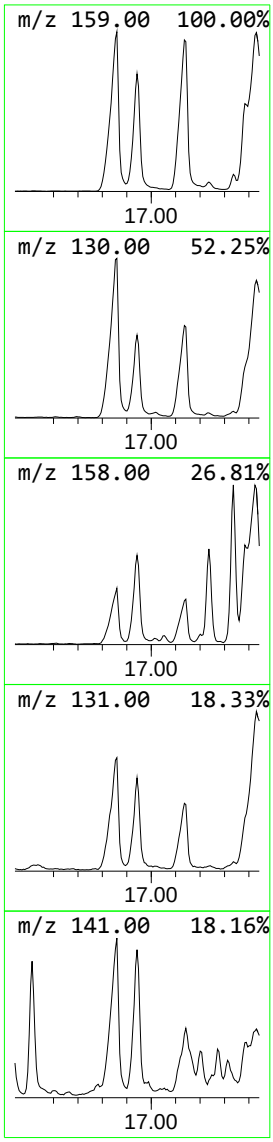
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 8-Methylquinolin-2(1H)-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.942	15.00 ng/ul	2058160	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Methylquinolin-2(1H)-one	159	C10H9NO	1000502-93-2	95
2	6-Methyl-4(1H)-quinolinone	159	C10H9NO	023432-40-8	86
3	3-Amino-2-naphthol	159	C10H9NO	005417-63-0	83
4	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	83
5	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	83





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ALS Vial : 7 Sample Multiplier: 1

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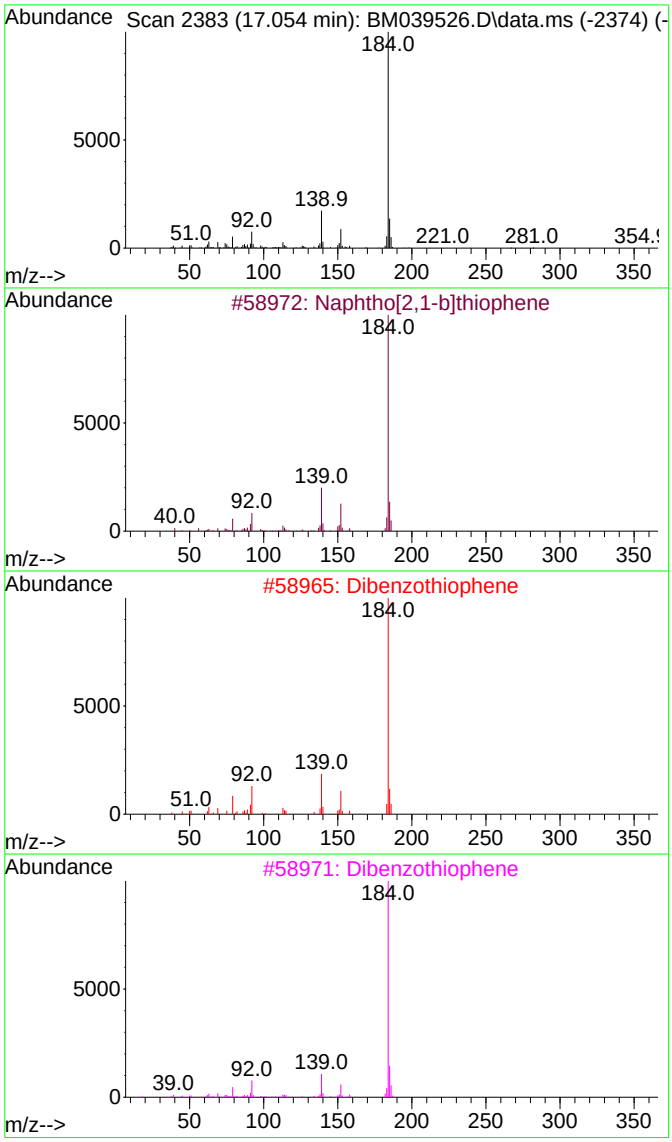
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

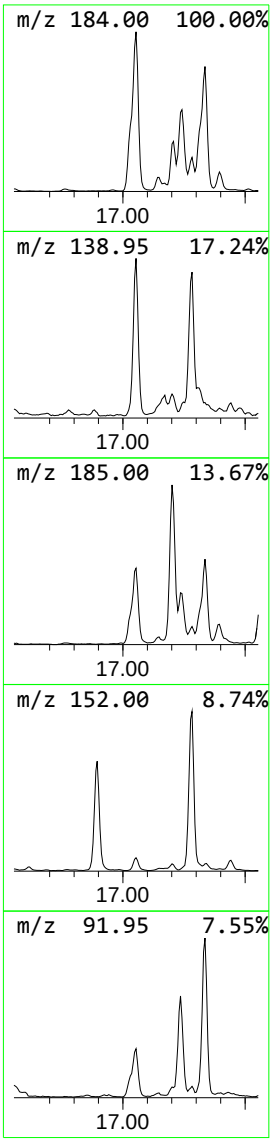
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphtho[2,1-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.054	13.14 ng/ul	1802630	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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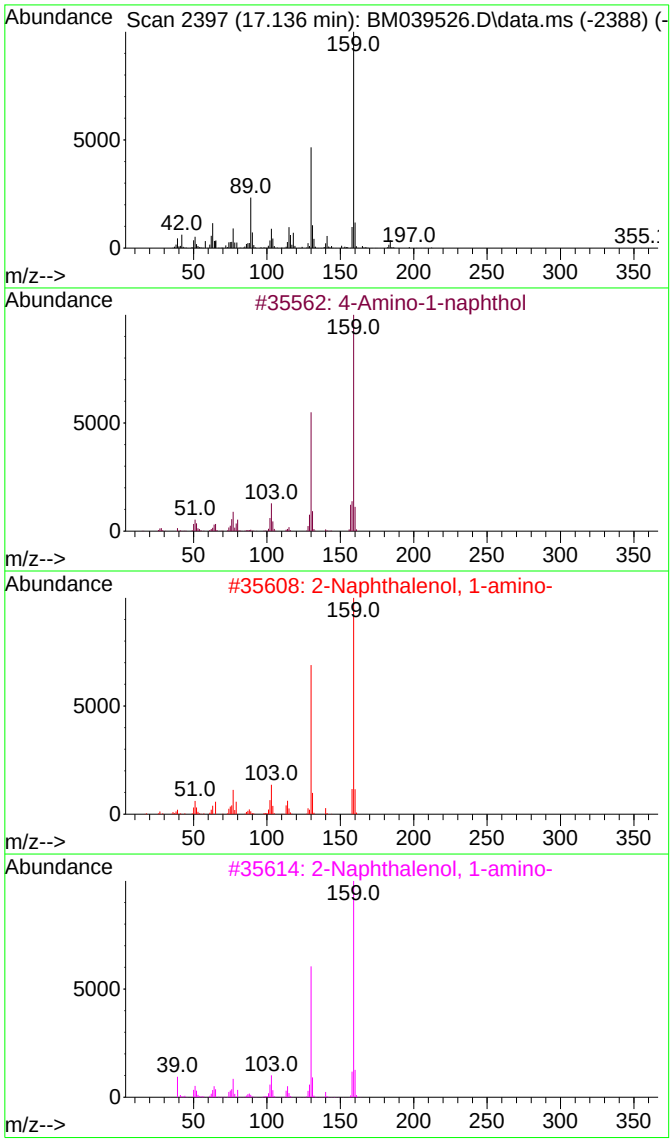
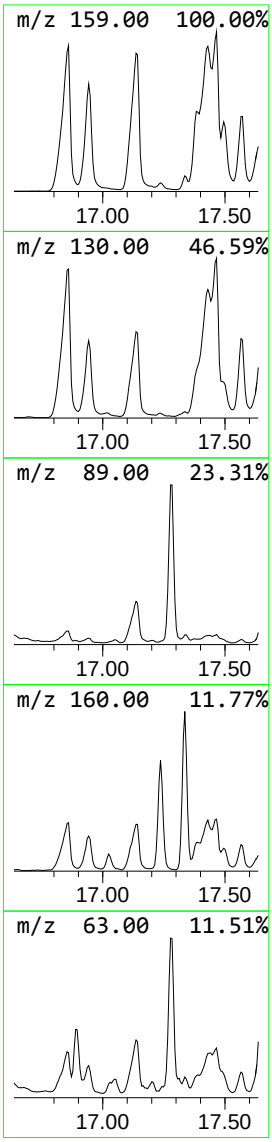
Peak Number 37 4-Amino-1-naphthol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.136	24.07 ng/ul	3301900	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	76
2	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	76
3	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	76
4	5-Amino-1-naphthol	159	C10H9NO	000083-55-6	74
5	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	74





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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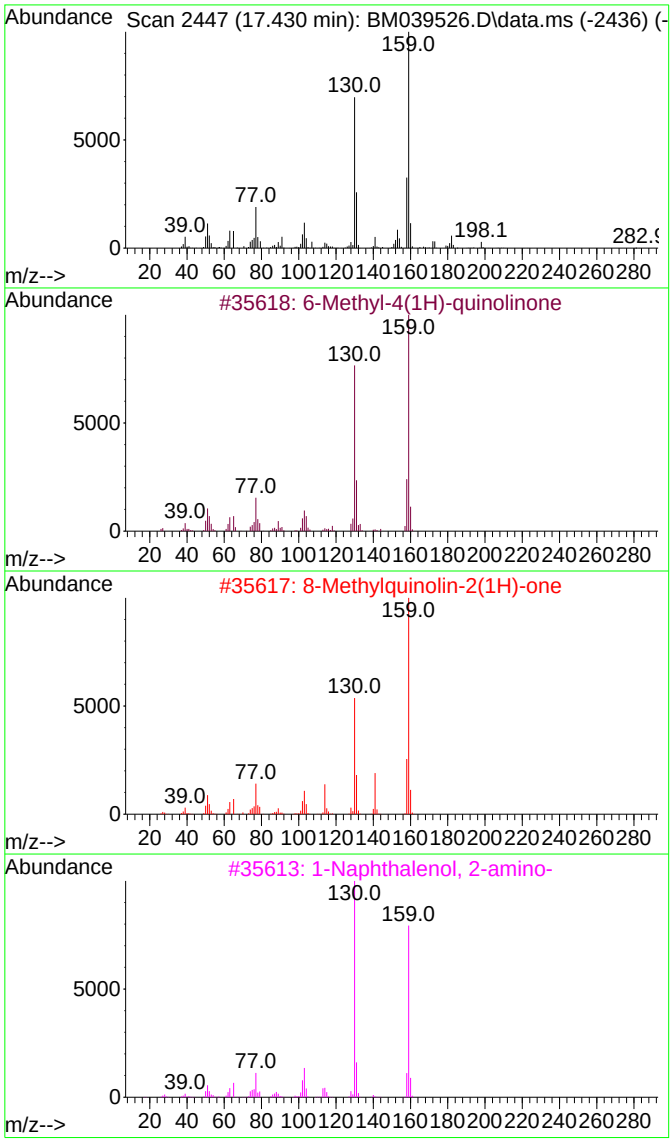
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

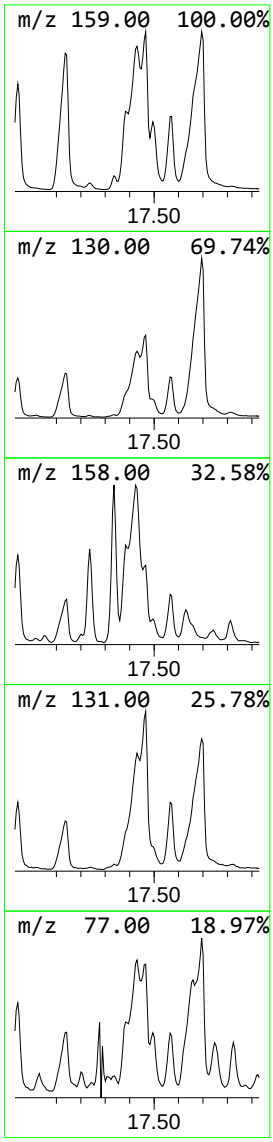
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 6-Methyl-4(1H)-quinolinone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.430	31.07 ng/ul	4261530	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4(1H)-quinolinone	159	C10H9NO	023432-40-8	93
2	8-Methylquinolin-2(1H)-one	159	C10H9NO	1000502-93-2	83
3	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	81
4	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	81
5	2-Methyl-6-hydroxyquinoline	159	C10H9NO	000613-21-8	81





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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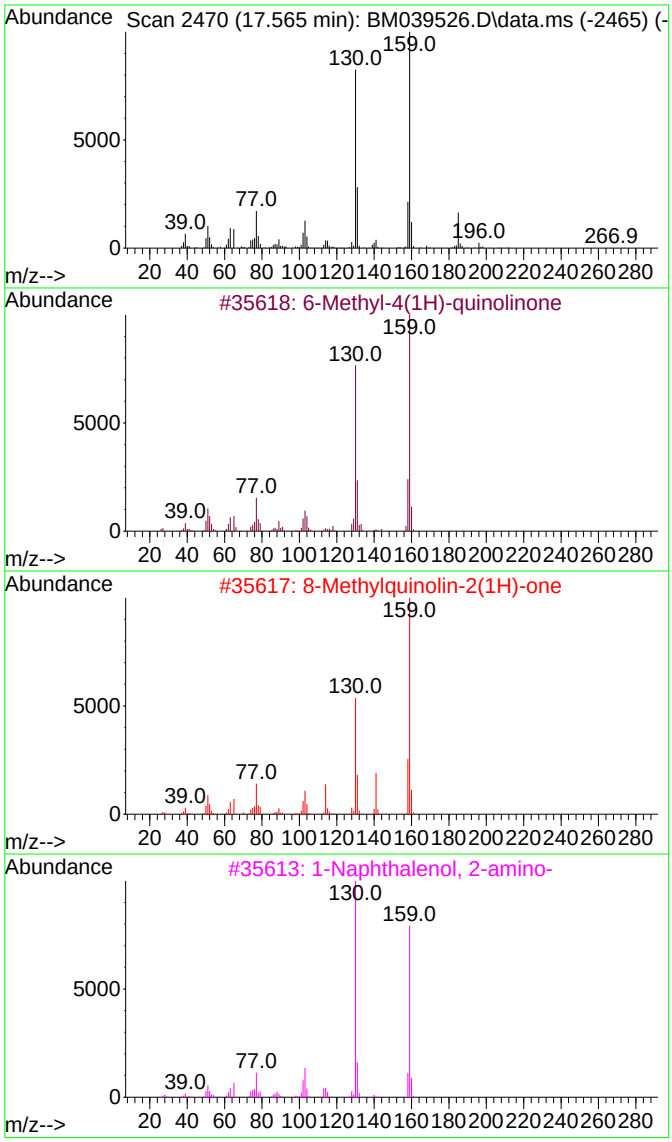
Quant Title : SVOA CALIBRATION

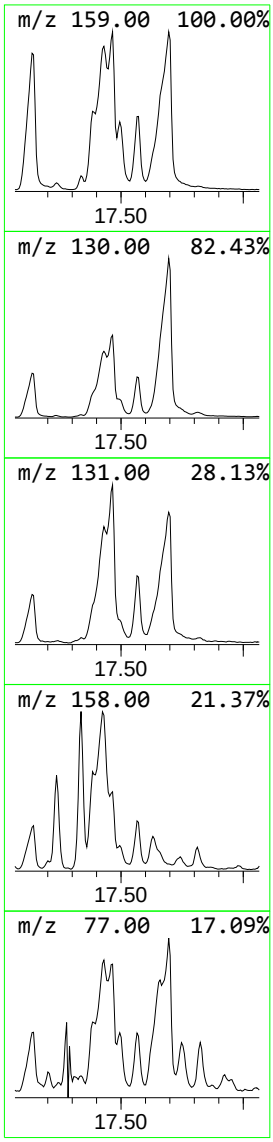
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1-Naphthalenol, 2-amino- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.566	9.23 ng/ul	1266480	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4(1H)-quinolinone	159	C10H9NO	023432-40-8	93
2	8-Methylquinolin-2(1H)-one	159	C10H9NO	1000502-93-2	90
3	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	87
4	2-(Aminomethylidene)-2,3-dihydro...	159	C10H9NO	053394-92-6	87
5	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	83





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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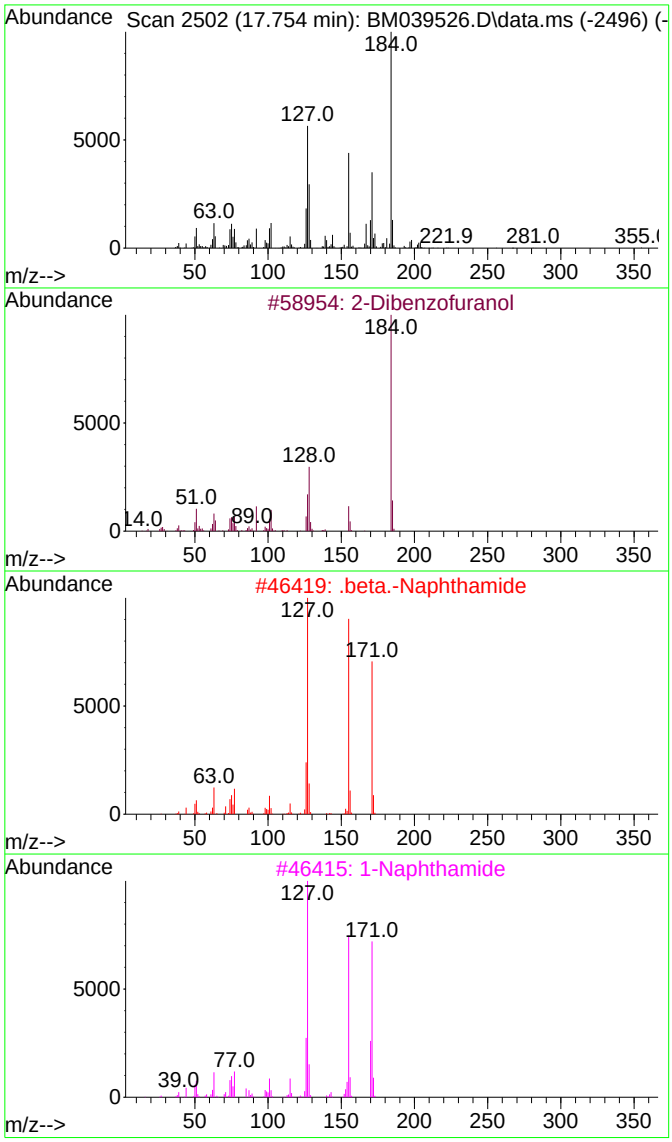
Quant Title : SVOA CALIBRATION

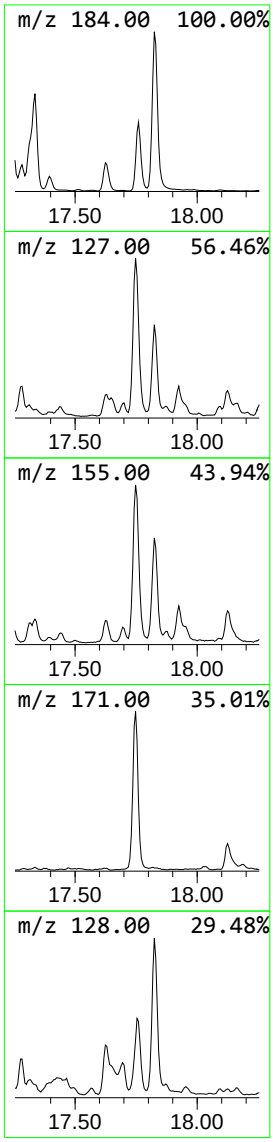
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 2-Dibenzofuranol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.754	16.87 ng/ul	2314150	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90
2	.beta.-Naphthamide	171	C11H9NO	002243-82-5	84
3	1-Naphthamide	171	C11H9NO	002243-81-4	64
4	.beta.-Naphthamide	171	C11H9NO	002243-82-5	62
5	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	53





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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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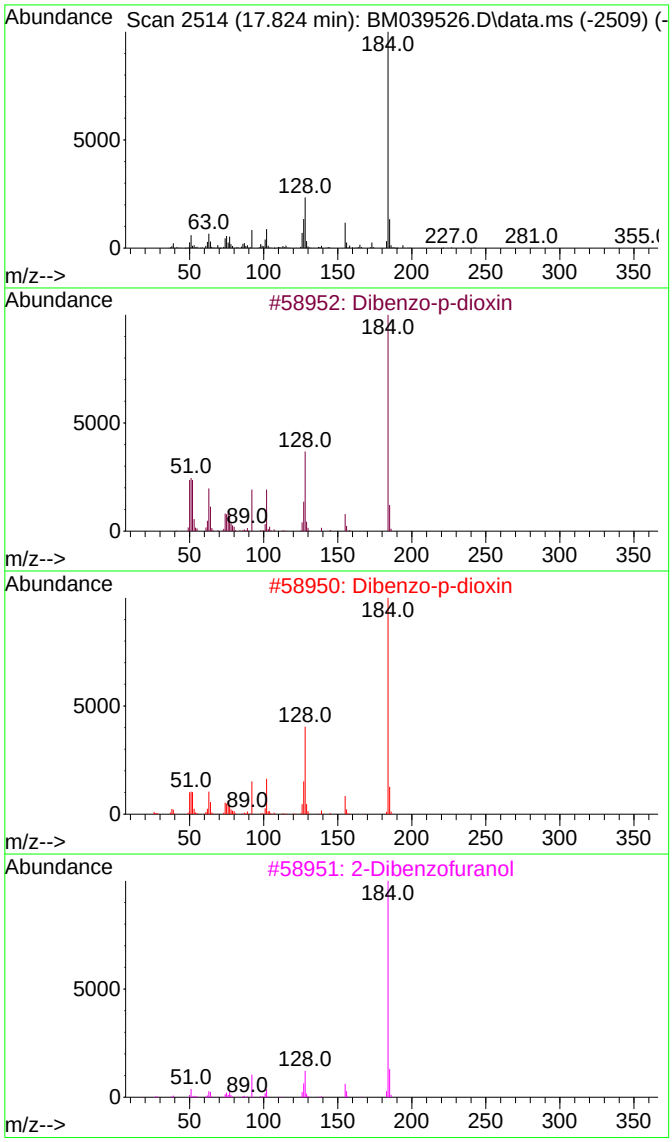
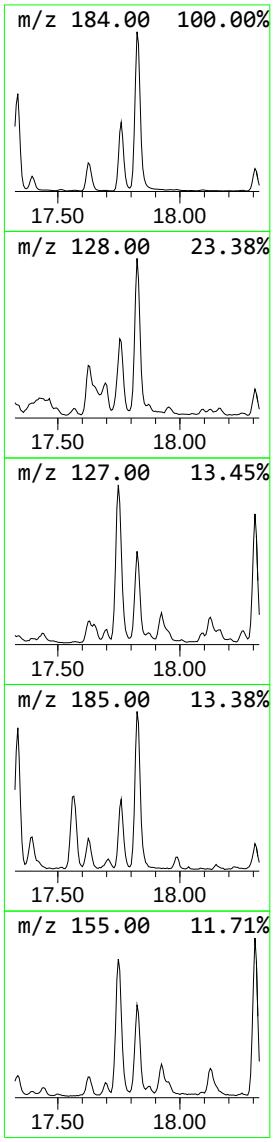
Peak Number 41 Dibenzo-p-dioxin Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.824	16.46 ng/ul	2257650	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	94
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	94
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	86





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Quant Title : SVOA CALIBRATION

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

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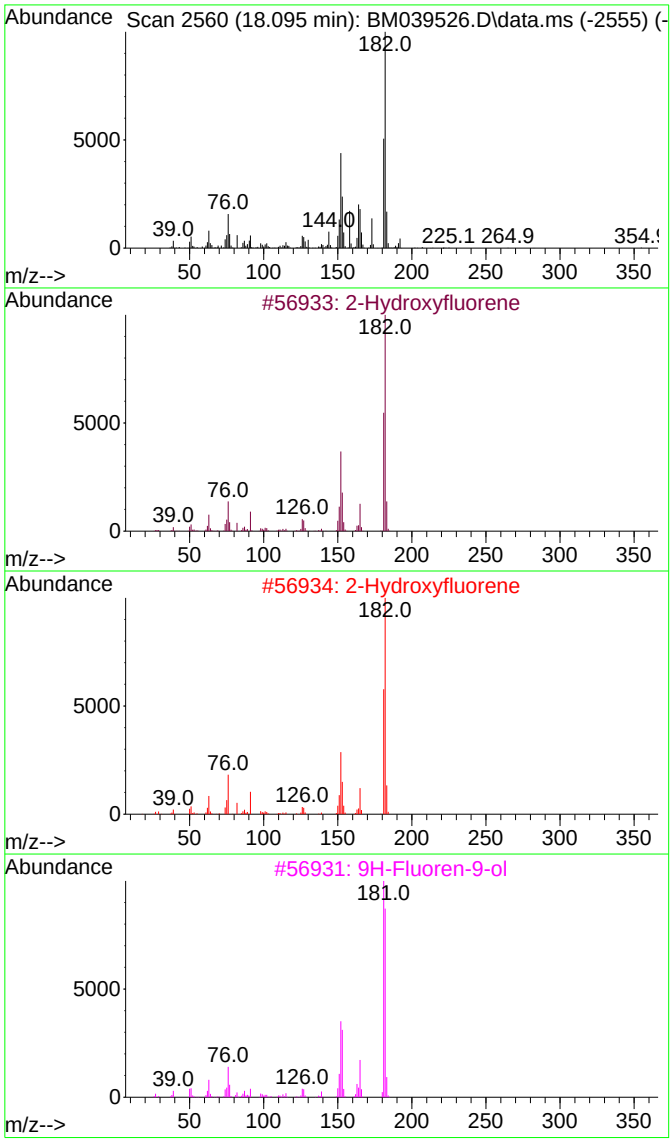
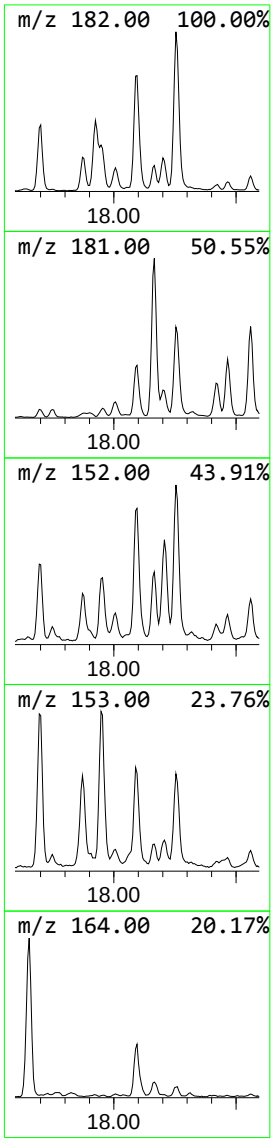
Peak Number 43 2-Hydroxyfluorene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	9.28 ng/ul	1273210	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	96
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	60
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	49





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ClientSampleId :
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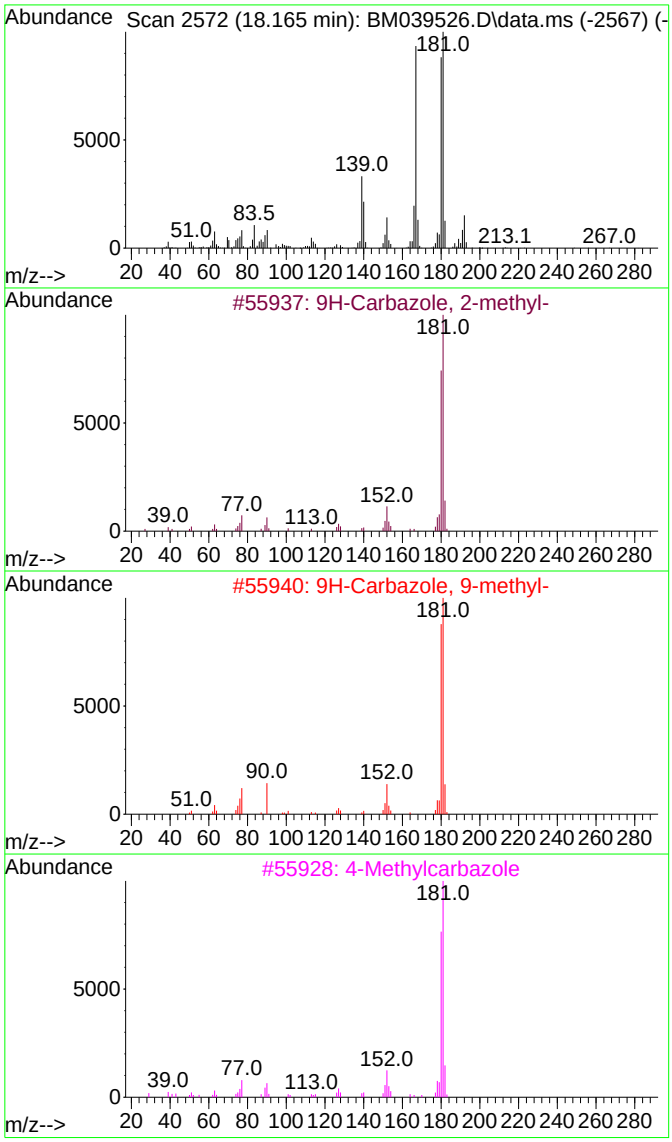
Quant Title : SVOA CALIBRATION

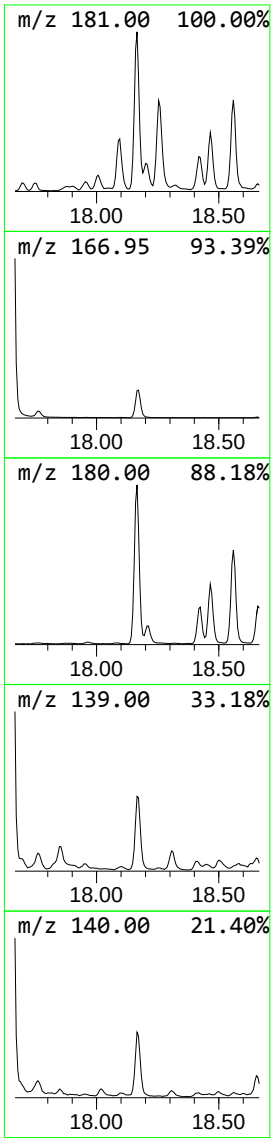
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 9H-Carbazole, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.165	14.82 ng/ul	2032990	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	87
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	87
3	4-Methylcarbazole	181	C13H11N	003770-48-7	80
4	3-Methylcarbazole	181	C13H11N	004630-20-0	70
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	55





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Data File : BM039526.D
Acq On : 20 Apr 2023 15:59
Operator : CG/JU
Sample : 02296-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM8

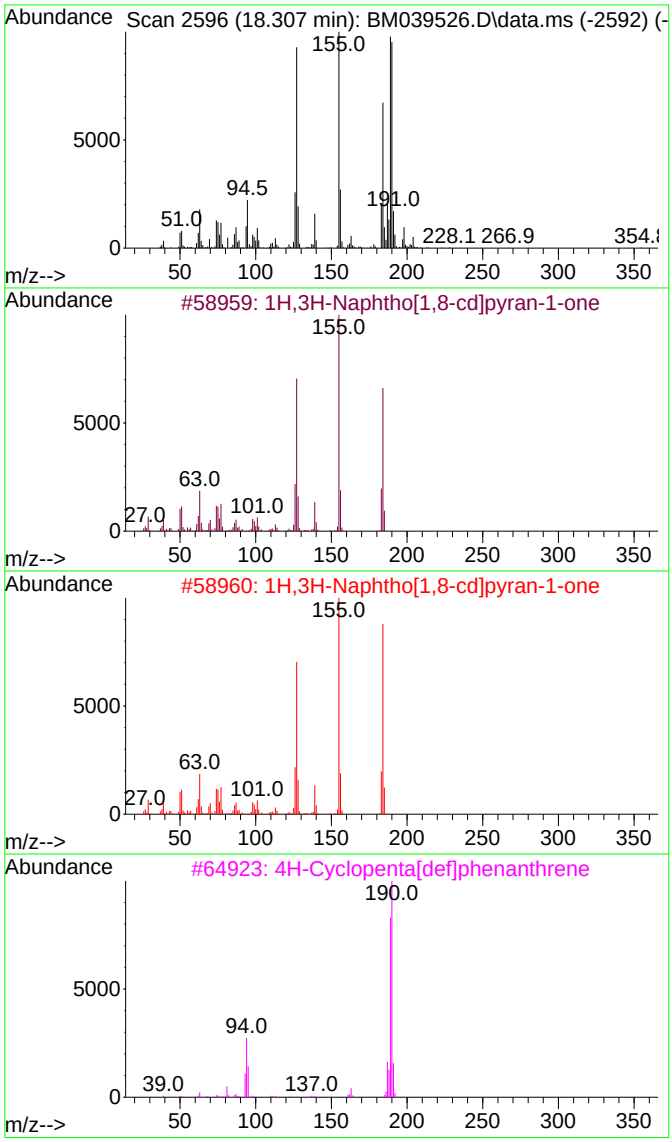
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

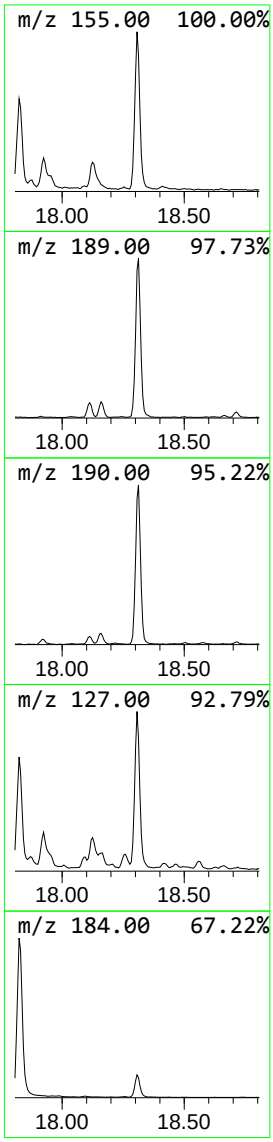
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 1H,3H-Naphtho[1,8-cd]pyran-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.307	10.91 ng/ul	1496840	Phenanthrene-d10	17.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	95
2	1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	80
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	1-Naphthalenecarbonyl chloride	190	C11H7ClO	000879-18-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039526.D
Acq On : 20 Apr 2023 15:59
Operator : CG/JU
Sample : 02296-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM8

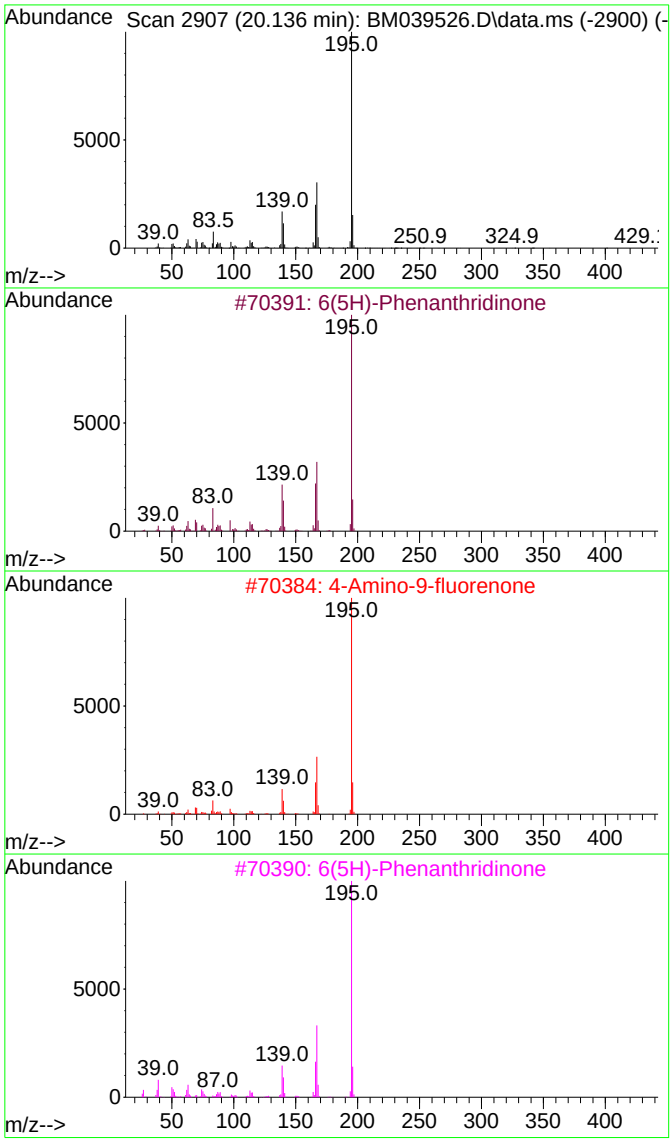
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

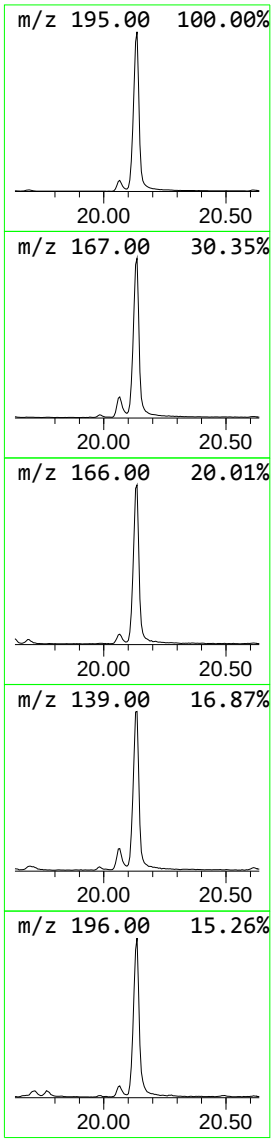
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 6(5H)-Phenanthridinone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.136	30.73 ng/ul	4263160	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	97
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	9-Acridinol	195	C13H9NO	000643-62-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039526.D
Acq On : 20 Apr 2023 15:59
Operator : CG/JU
Sample : 02296-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM8

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
p-Xylene	5.443	8.2	ng/ul	605054	1	7.825	1482270	20.0
Pyridine, 3,4-d...	6.343	20.5	ng/ul	1520280	1	7.825	1482270	20.0
Mesitylene	7.466	17.4	ng/ul	1286640	1	7.825	1482270	20.0
Benzofuran	7.543	13.0	ng/ul	965854	1	7.825	1482270	20.0
Indane	8.195	85.1	ng/ul	6306910	1	7.825	1482270	20.0
Indene	8.366	259.3	ng/ul	19216600	1	7.825	1482270	20.0
Benzofuran, 2-m...	9.184	13.6	ng/ul	1010770	1	7.825	1482270	20.0
Naphthalene, 1-...	13.507	11.0	ng/ul	2049380	3	14.483	3722460	20.0
Naphthalene, 1,...	13.642	8.0	ng/ul	1491000	3	14.483	3722460	20.0
Naphthalene, 2,...	13.801	17.9	ng/ul	3341240	3	14.483	3722460	20.0
2-Naphthaleneca...	14.630	51.7	ng/ul	9617950	3	14.483	3722460	20.0
1H-Indole, 2,3-...	15.248	18.1	ng/ul	3363490	3	14.483	3722460	20.0
Acridine	15.972	12.3	ng/ul	1684680	4	17.236	2743410	20.0
5H-Indeno[1,2-b...	16.042	12.1	ng/ul	1665500	4	17.236	2743410	20.0
1(2H)-Acenaphth...	16.224	130.4	ng/ul	17889200	4	17.236	2743410	20.0
Quinoline, 1,2,...	16.419	8.4	ng/ul	1156210	4	17.236	2743410	20.0
5-Isoquinolinol	16.566	169.2	ng/ul	23206500	4	17.236	2743410	20.0
2(1H)-Quinolino...	16.860	26.4	ng/ul	3619810	4	17.236	2743410	20.0
9H-Fluoren-9-one	16.895	17.3	ng/ul	2374590	4	17.236	2743410	20.0
8-Methylquinoli...	16.942	15.0	ng/ul	2058160	4	17.236	2743410	20.0
Naphtho[2,1-b]t...	17.054	13.1	ng/ul	1802630	4	17.236	2743410	20.0
4-Amino-1-naphthol	17.136	24.1	ng/ul	3301900	4	17.236	2743410	20.0
6-Methyl-4(1H)-...	17.430	31.1	ng/ul	4261530	4	17.236	2743410	20.0
1-Naphthalenol,...	17.566	9.2	ng/ul	1266480	4	17.236	2743410	20.0
2-Dibenzofuranol	17.754	16.9	ng/ul	2314150	4	17.236	2743410	20.0
Dibenzo-p-dioxin	17.824	16.5	ng/ul	2257650	4	17.236	2743410	20.0
2-Hydroxyfluorene	18.095	9.3	ng/ul	1273210	4	17.236	2743410	20.0
9H-Carbazole, 2...	18.165	14.8	ng/ul	2032990	4	17.236	2743410	20.0
1H,3H-Naphtho[1...	18.307	10.9	ng/ul	1496840	4	17.236	2743410	20.0
6(5H)-Phenanthr...	20.136	30.7	ng/ul	4263160	5	21.430	2774860	20.0