LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039514.D
Acq On : 20 Apr 2023 03:05
Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCBM2DL

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: BM039514.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.484	579	586	599	rBV	499059	787477	0.83%	0.373%
2	6.796	634	639	648	rVB	105555	169729	0.18%	0.080%
3	6.901	651	657	663	rBV	170171	274562	0.29%	0.130%
4	6.960	663	667	674	rVB	65434	110233	0.12%	0.052%
5	7.037	674	680	694	rVB	218869	353590	0.37%	0.168%
6	7.248	711	716	726	rVB	124271	208268	0.22%	0.099%
7	7.366	731	736	747	rVV	50997	110689	0.12%	0.052%
8	7.466	747	753	765	rVV	540853	925979	0.97%	0.439%
9	7.825	806	814	827	rBV	819269	1438541	1.51%	0.682%
10	7.937	827	833	841	rVV2	160172	435915	0.46%	0.207%
11	8.037	841	850	857	rVB	270159	433615	0.45%	0.206%
12	8.195	870	877	888	rBV	618626	1051143	1.10%	0.498%
13	8.937	997	1003	1009	rBV2	76050	151603	0.16%	0.072%
14	9.013	1009	1016	1022	rVV3	201087	425014	0.45%	0.202%
15	9.072	1022	1026	1038	rVV2	57435	144742	0.15%	0.069%
16	9.190	1038	1046	1055	rVV	65423	122105	0.13%	0.058%
17	9.313	1060	1067	1073	rVV2	87012	185579	0.19%	0.088%
18	9.513	1096	1101	1111	rVV2	55391	124500	0.13%	0.059%
19	9.760	1139	1143	1150	rVB	106664	181778	0.19%	0.086%
20	9.878	1156	1163	1170	rBV	183375	300746	0.32%	0.143%
21	9.972	1170	1179	1183	rBV	191691	378653	0.40%	0.180%
22	10.054	1183	1193	1200	rVV4	495543	1587824	1.67%	0.753%
23	10.131	1200	1206	1210	rVV	251193	520134	0.55%	0.247%
24	10.172	1210	1213	1223	rVB3	239922	407264	0.43%	0.193%
25	10.289	1223	1233	1237	rBV4	72288	203559	0.21%	0.097%
26	10.407	1247	1253	1262	rBV2	62599	121181	0.13%	0.057%
27	10.642	1284	1293	1294	rBV	944786	1463621	1.54%	0.694%
28	10.719	1294	1306	1317	rVV3	28315101	95305235	100.00%	45.192%
29	10.813	1317	1322	1331	rVB	796850	1427881	1.50%	0.677%
30	11.819	1484	1493	1510	rVV	649798	1296087	1.36%	0.615%
31	12.195	1548	1557	1566	rVB	294367	488072	0.51%	0.231%
32	12.307	1566	1576	1589	rBV	11792963	19386704	20.34%	9.193%
33	12.425	1589	1596	1602	rVV2	473797	995948	1.05%	0.472%
34	12.519	1602	1612	1641	rVB	5762763	10030812	10.52%	4.756%
35	12.725	1641	1647	1652	rBV	93444	161531	0.17%	0.077%
36	13.030	1692	1699	1709	rVV2	127093	297681	0.31%	0.141%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
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Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

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	13.254	1732	1737	1741	rBV	121667	185647	0.19%	0.088%
38	13.313	1741	1747	1754	rBV	2072353	3334138	3.50%	1.581%
39	13.507	1774	1780	1794	rVB	375386	782290	0.82%	0.371%
40	13.642	1795	1803	1804	rBV	356213	524520	0.55%	0.249%
41	13.795	1822	1829	1835	rBV2	723143	1565596	1.64%	0.742%
42	13.854	1835	1839	1843	rVV	429733	667599	0.70%	0.317%
43	13.895	1843	1846	1855	rVB	298075	439305	0.46%	0.208%
44	14.007	1859	1865	1868	rBV	291461	497973	0.52%	0.236%
45	14.036	1868	1870	1874	rVV	232886	317865	0.33%	0.151%
46	14.177	1888	1894	1896	rBV	314083	495527	0.52%	0.235%
47	14.201	1896	1898	1906	rVB	209251	289632	0.30%	0.137%
48	14.413	1928	1934	1937	rBV	70325	126142	0.13%	0.060%
49	14.483	1937	1946	1951	rVV	2148546	3436888	3.61%	1.630%
50	14.548	1951	1957	1964	rVV	9091413	13107257	13.75%	6.215%
51	14.619	1964	1969	1976	rVB	1373837	2083792	2.19%	0.988%
52	14.789	1989	1998	2003	rBV2	133055	230686	0.24%	0.109%
53	14.883	2008	2014	2042	rVB2	4301432	7442362	7.81%	3.529%
54	15.101	2044	2051	2057	rBV6	39739	98862	0.10%	0.047%
55	15.177	2057	2064	2074	rVB5	42664	112447	0.12%	0.053%
56	15.477	2109	2115	2119	rBV	380483	551989	0.58%	0.262%
57	15.530	2119	2124	2135	rVB	3303660	4802152	5.04%	2.277%
58	15.624	2135	2140	2142	rBV2	108857	155069	0.16%	0.074%
59	15.654	2142	2145	2148	rVV	99053	148269	0.16%	0.070%
60	15.695	2148	2152	2156	rVV2	163271	254130	0.27%	0.121%
61	15.777	2162	2166	2170	rVV2	98047	147722	0.15%	0.070%
62	15.824	2170	2174	2184	rVB2	163889	335353	0.35%	0.159%
63	15.971	2195	2199	2206	rBV	197697	374106	0.39%	0.177%
64	16.042	2206	2211	2221	rVB	197163	372388	0.39%	0.177%
65	16.213	2235	2240	2249	rBV	129721	225397	0.24%	0.107%
66	16.324	2254	2259	2266	rVB	98765	144040	0.15%	0.068%
67	16.889	2345	2355	2364	rBV2	109545	270506	0.28%	0.128%
68	17.054	2377	2383	2393	rVB	230303	358187	0.38%	0.170%
69	17.230	2403	2413	2417	rBV	2420718	3716761	3.90%	1.762%
70	17.277	2417	2421	2426	rVV	2987243	4340846	4.55%	2.058%
71	17.336	2426	2431	2443	rVV3	778368	1563718	1.64%	0.741%
72	17.648	2474	2484	2498	rBV	4056046	6520495	6.84%	3.092%
73	17.765	2500	2504	2510	rVB3	70113	149601	0.16%	0.071%
74	18.160	2566	2571	2580	rVB	262369	419876	0.44%	0.199%
75	18.307	2591	2596	2601	rBV	142312	243435	0.26%	0.115%
76	18.424	2610	2616	2619	rBV3	101985	180641	0.19%	0.086%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

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

77	18.465	2619	2623	2627	rVV	116992	177949	0.19%	0.084%
78	18.560	2635	2639	2645	rVB	98093	152560	0.16%	0.072%
79	18.701	2660	2663	2676	rVB7	42667	96236	0.10%	0.046%
80	19.295	2759	2764	2771	rBV	254130	358406	0.38%	0.170%
81	19.630	2816	2821	2824	rBV	510263	734306	0.77%	0.348%
82	20.048	2888	2892	2898	rBV	80113	130631	0.14%	0.062%
83	21.418	3121	3125	3141	rBV	2137823	3037861	3.19%	1.440%
84	23.636	3498	3502	3513	rVB3	227518	523434	0.55%	0.248%
85	23.783	3521	3527	3542	rVB2	1240137	2657747	2.79%	1.260%

Sum of corrected areas: 210890334

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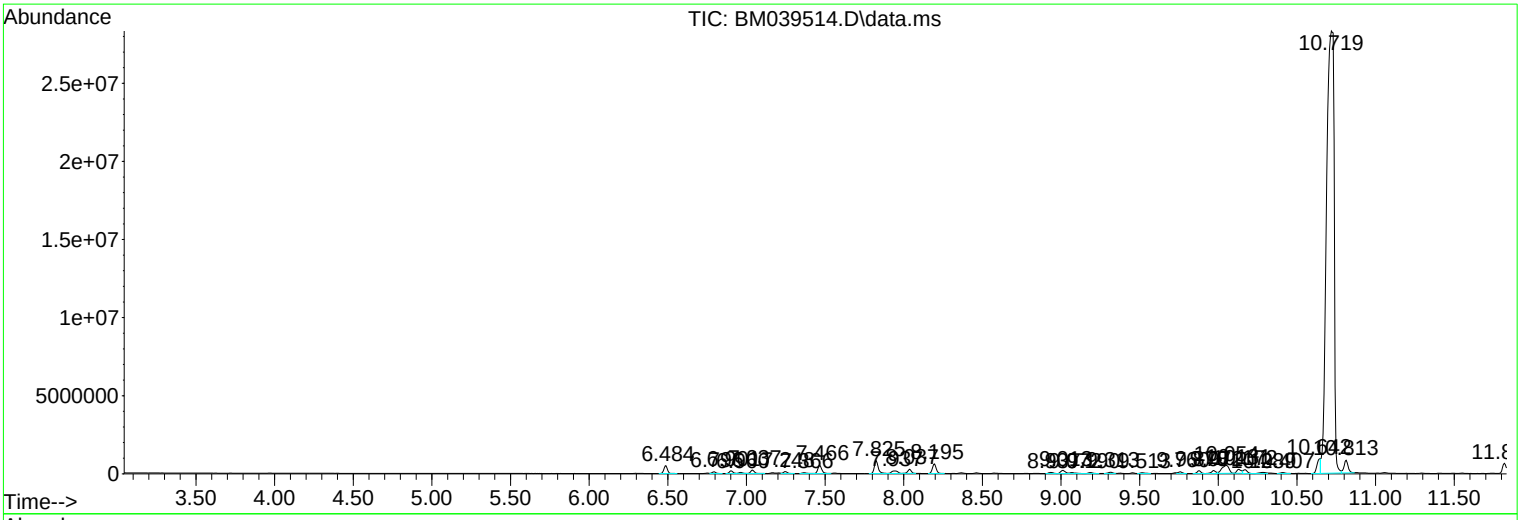
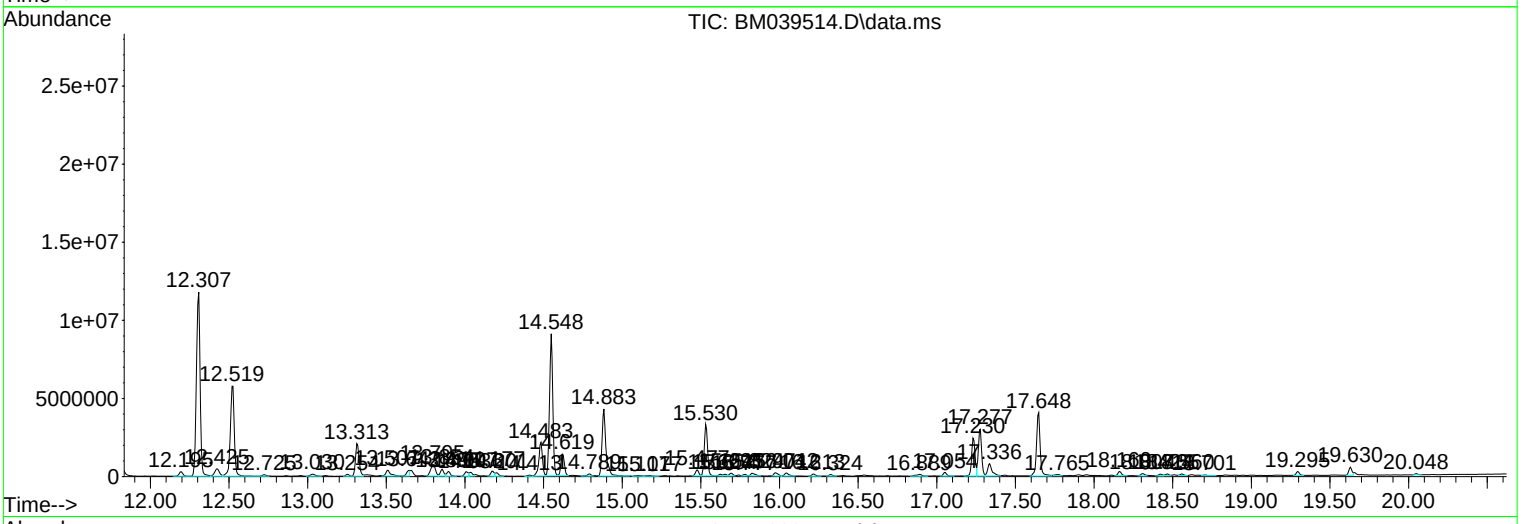
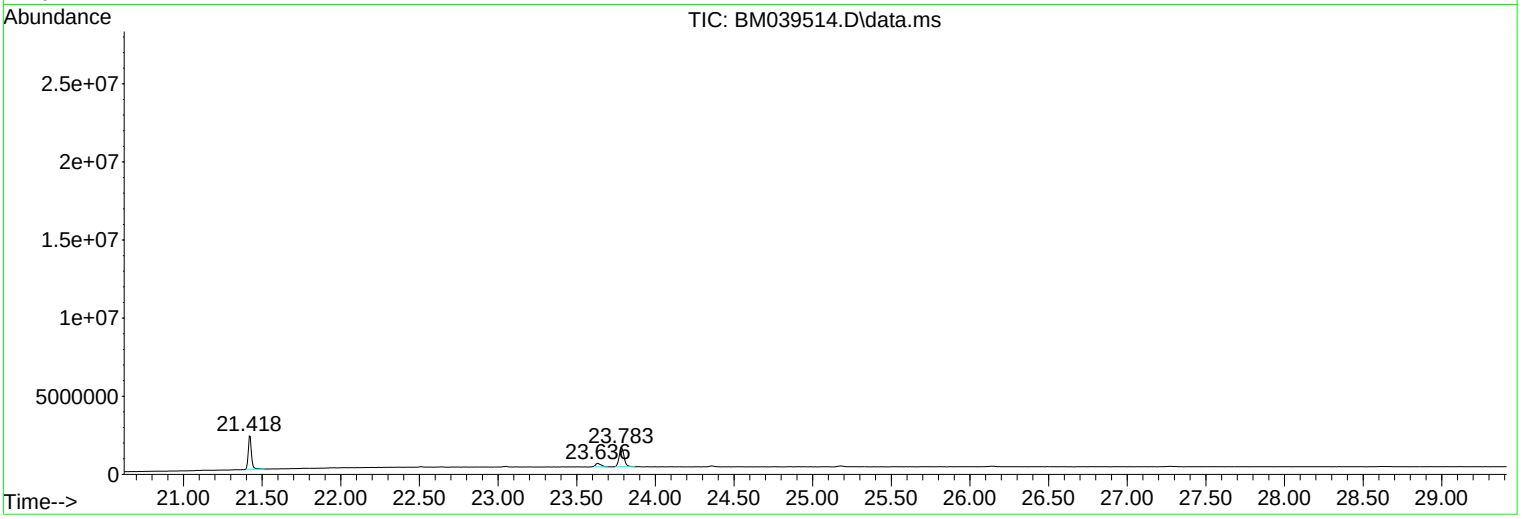
Instrument :
BNA_M
ClientSampleId :
DCBM2DL

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\BM041823\
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Instrument :
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ClientSampleId :
DCBM2DL

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

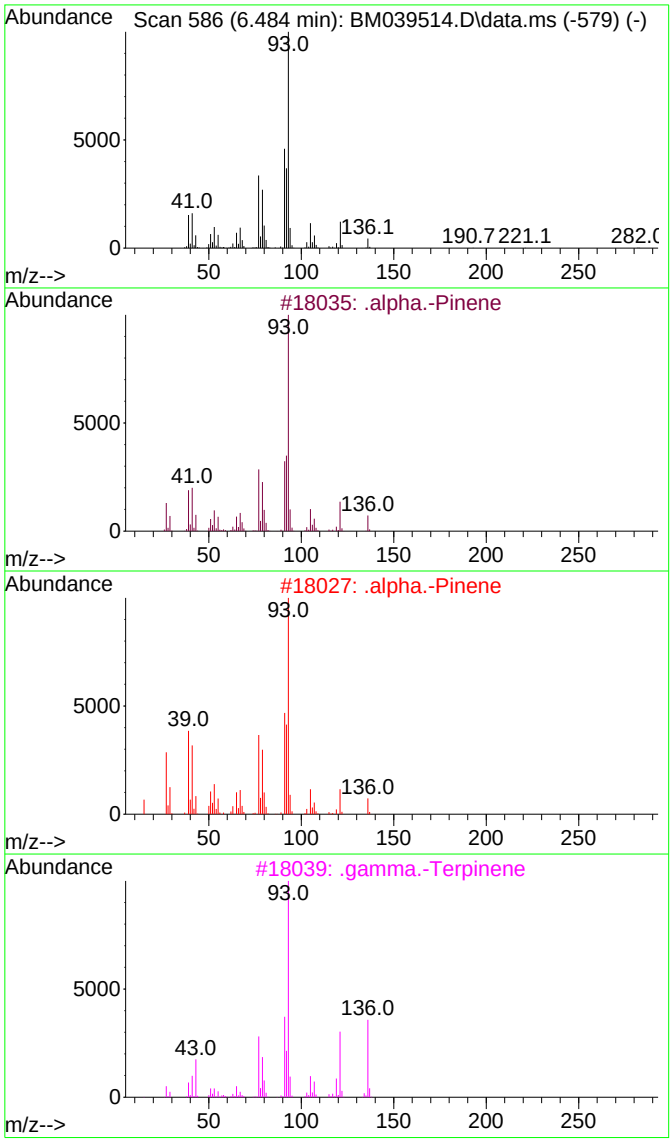
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

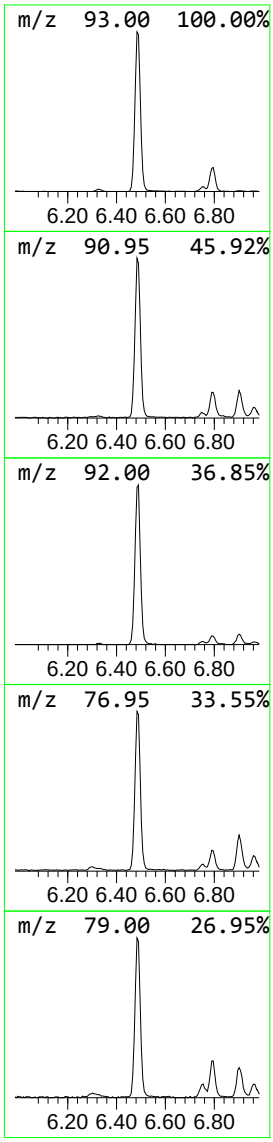
****

Peak Number 1 .alpha.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.484	10.95 ng/ul	787477	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	.gamma.-Terpinene	136	C10H16	000099-85-4	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	(+)-3-Carene	136	C10H16	000498-15-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039514.D
Acq On : 20 Apr 2023 03:05
Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

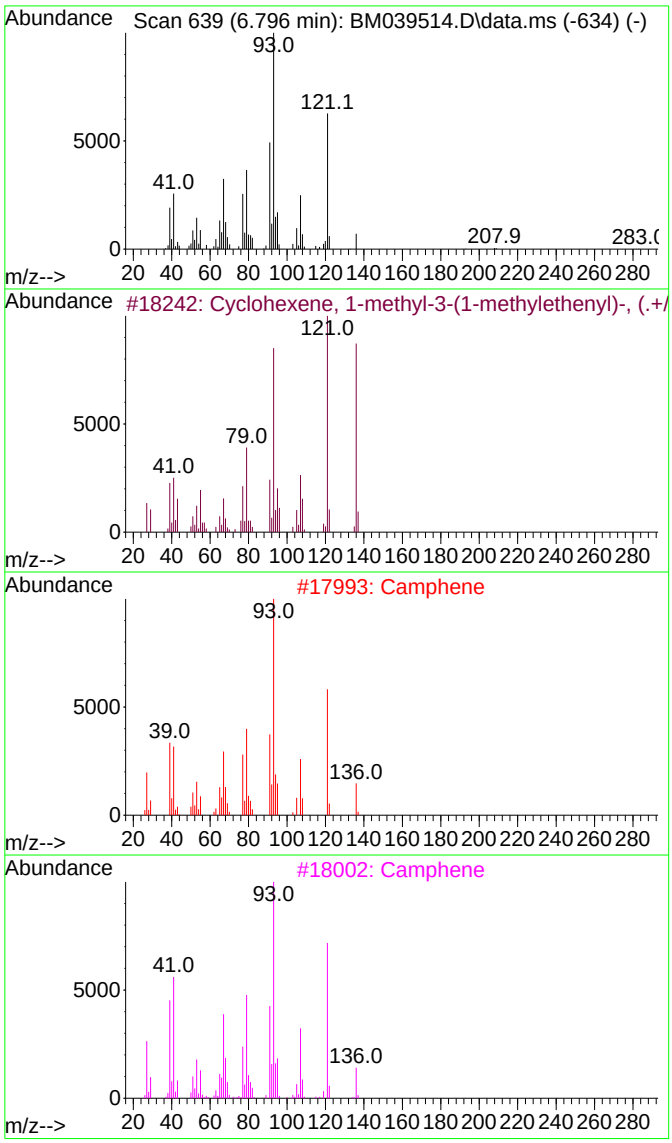
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

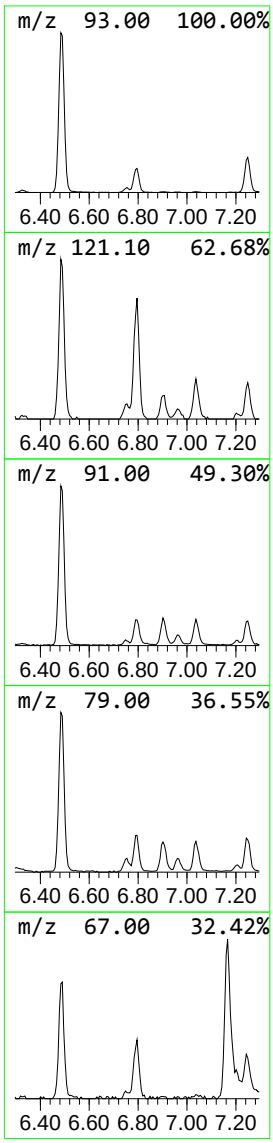
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexene, 1-methyl-3-(1-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.796	2.36 ng/ul	169729	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	90
2	Camphene	136	C10H16	000079-92-5	90
3	Camphene	136	C10H16	000079-92-5	76
4	(+)-4-Carene	136	C10H16	029050-33-7	72
5	2-Carene	136	C10H16	000554-61-0	72





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Data File : BM039514.D
Acq On : 20 Apr 2023 03:05
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Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

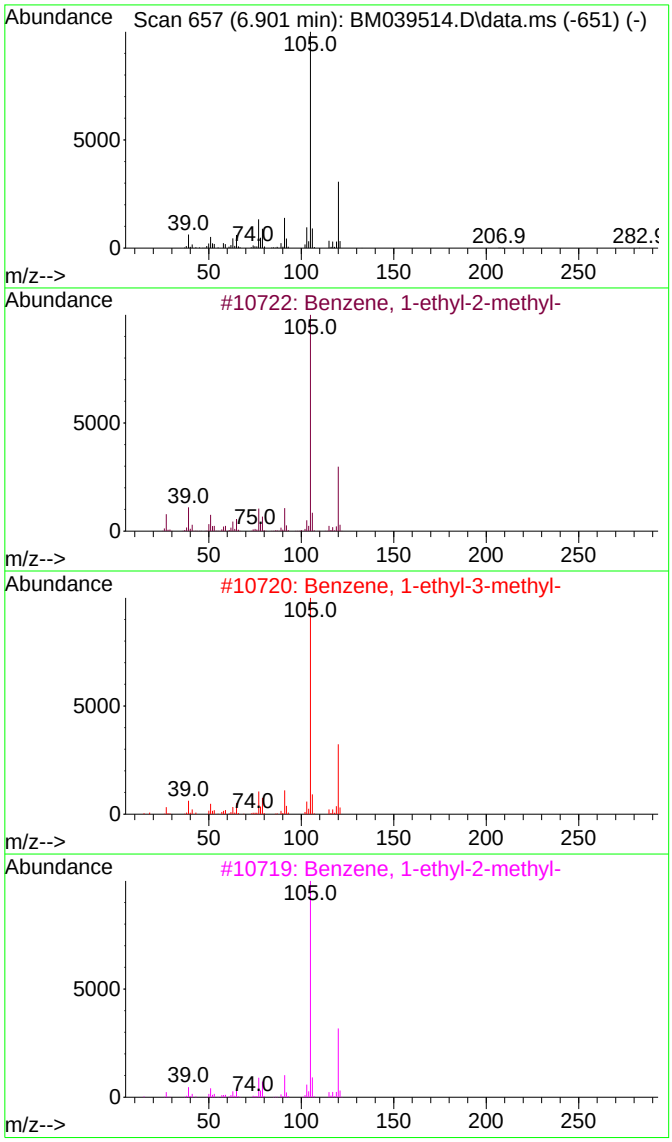
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

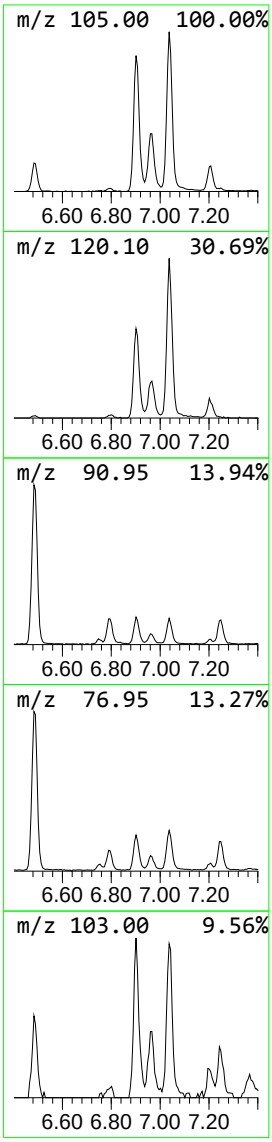
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.901	3.82 ng/ul	274562	1,4-Dichlorobenzene-d4	7.825

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
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Acq On : 20 Apr 2023 03:05
Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

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

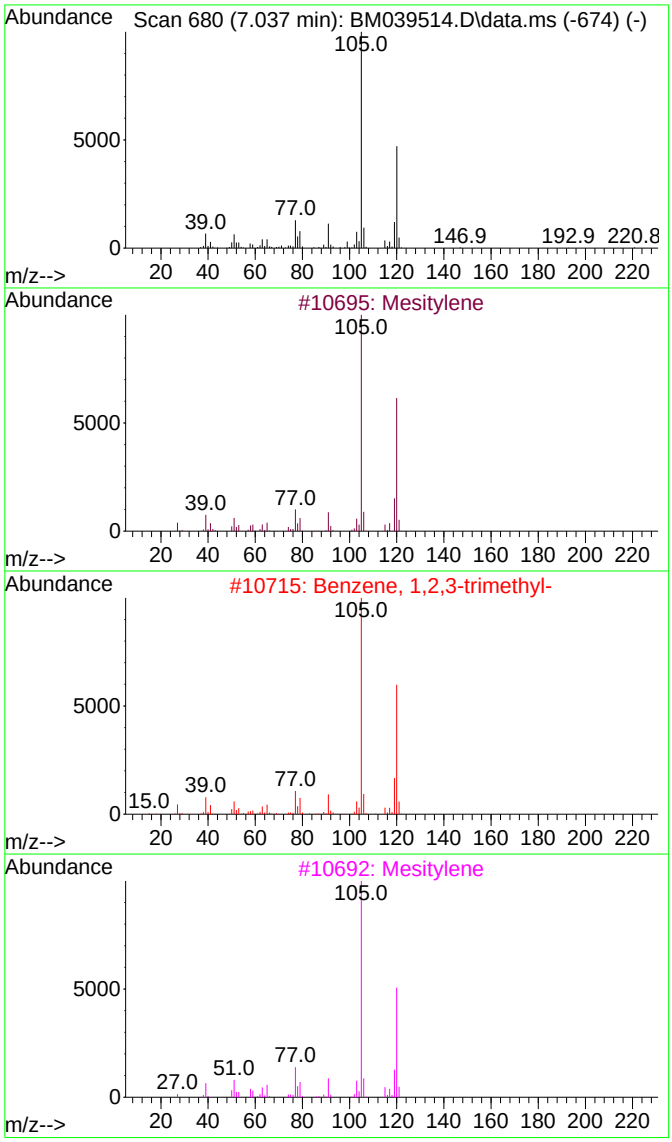
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

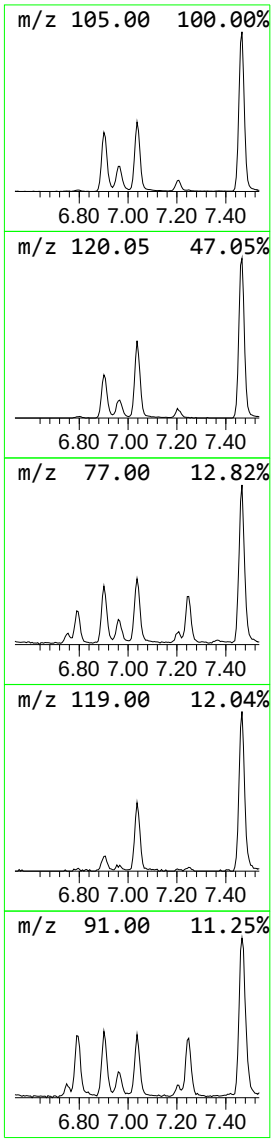
****

Peak Number 4 Mesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.037	4.92 ng/ul	353590	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	Mesitylene	120	C9H12	000108-67-8	97
4	Mesitylene	120	C9H12	000108-67-8	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

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

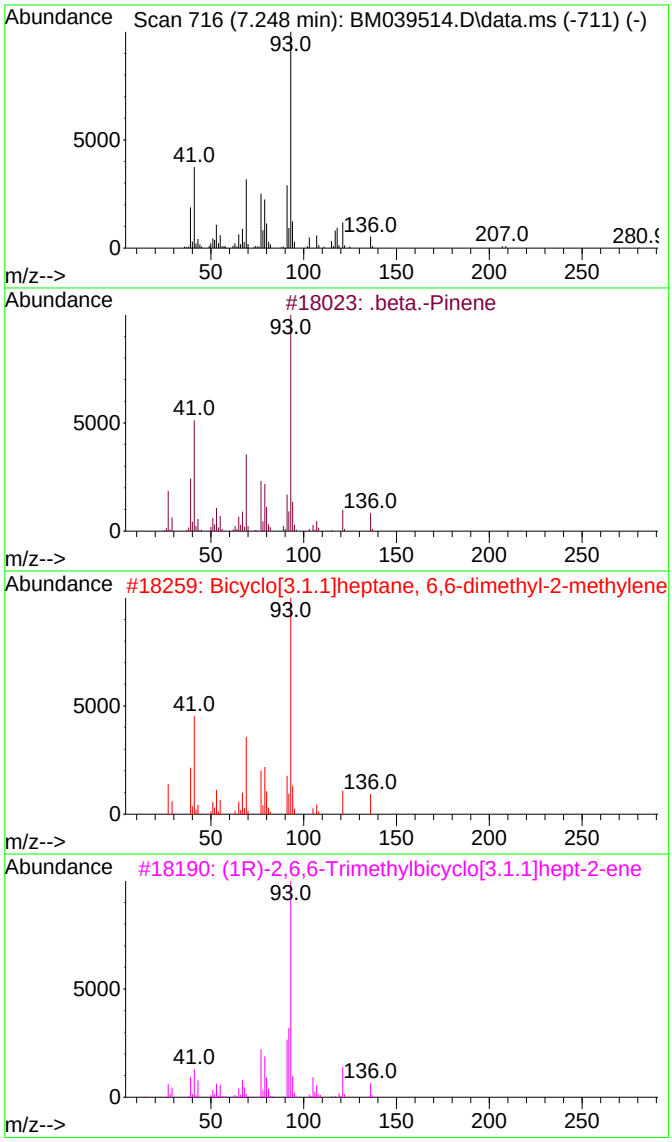
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

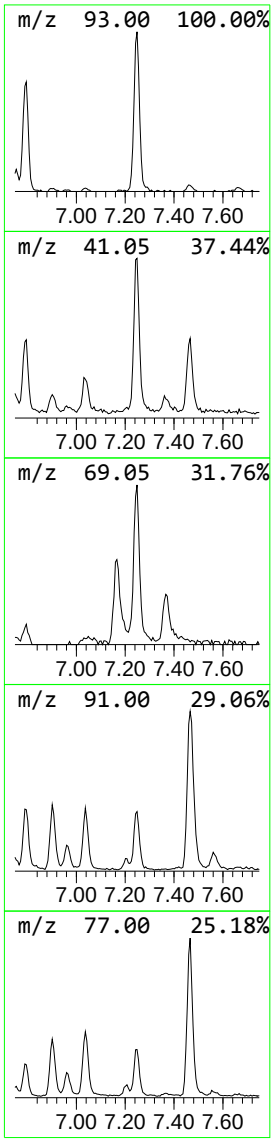
****

Peak Number 5 .beta.-Pinene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.248	2.90 ng/ul	208268	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	90
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	90
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	87
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87
5	.alpha.-Pinene	136	C10H16	000080-56-8	87





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Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

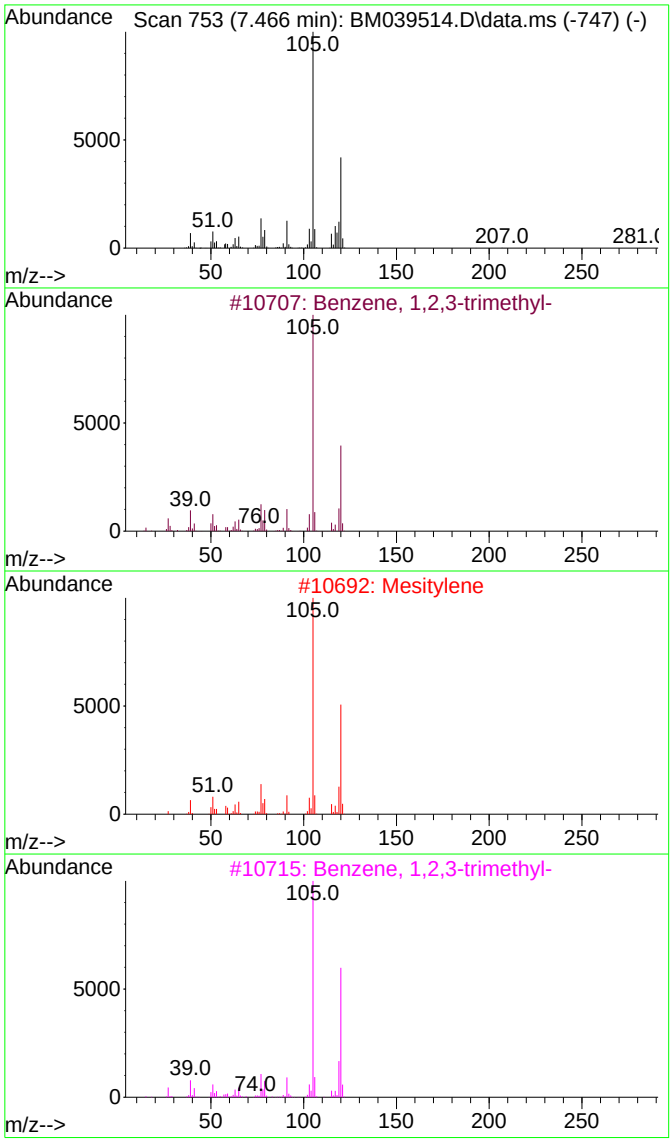
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

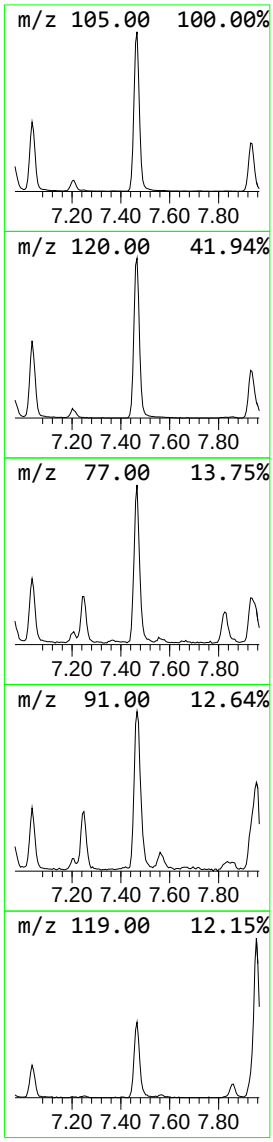
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.466	12.87 ng/ul	925979	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	90





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Acq On : 20 Apr 2023 03:05
Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

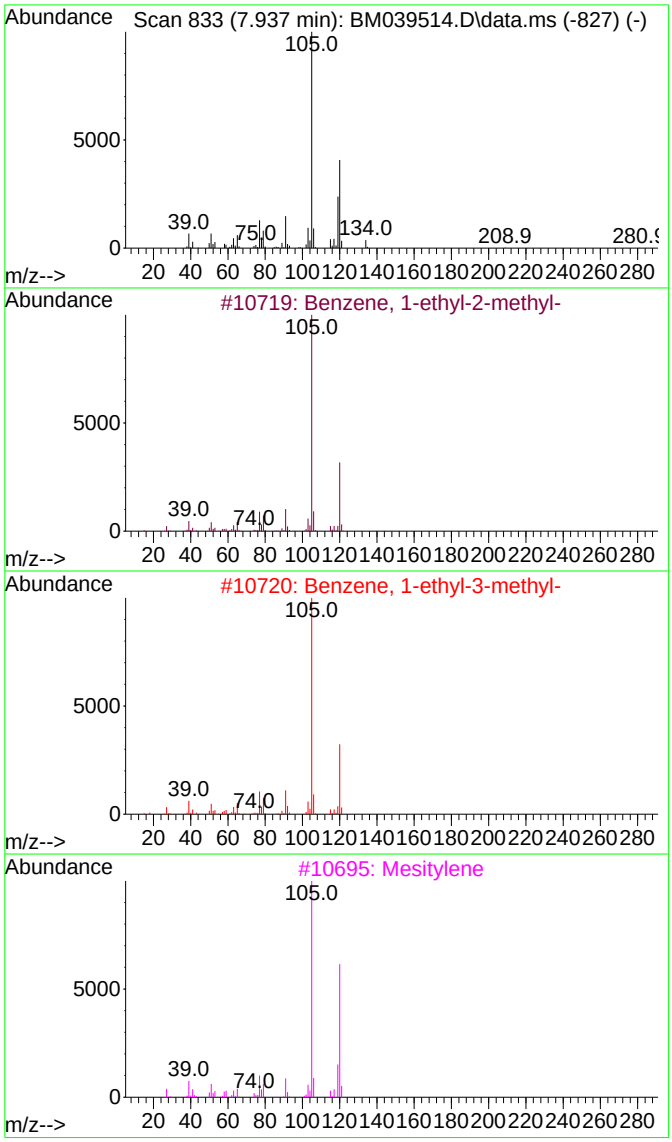
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

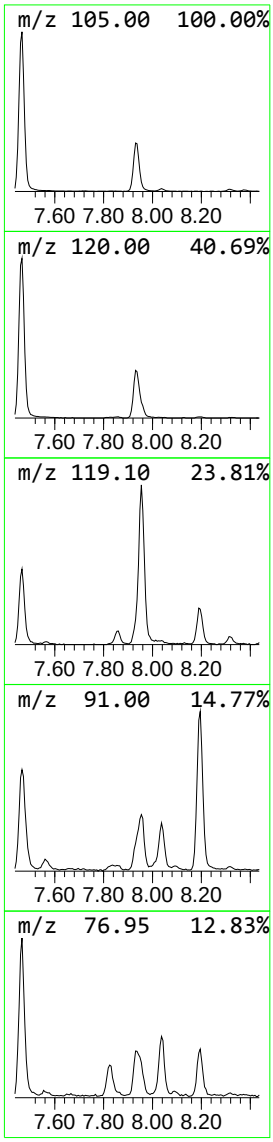
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.937	6.06 ng/ul	435915	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





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Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

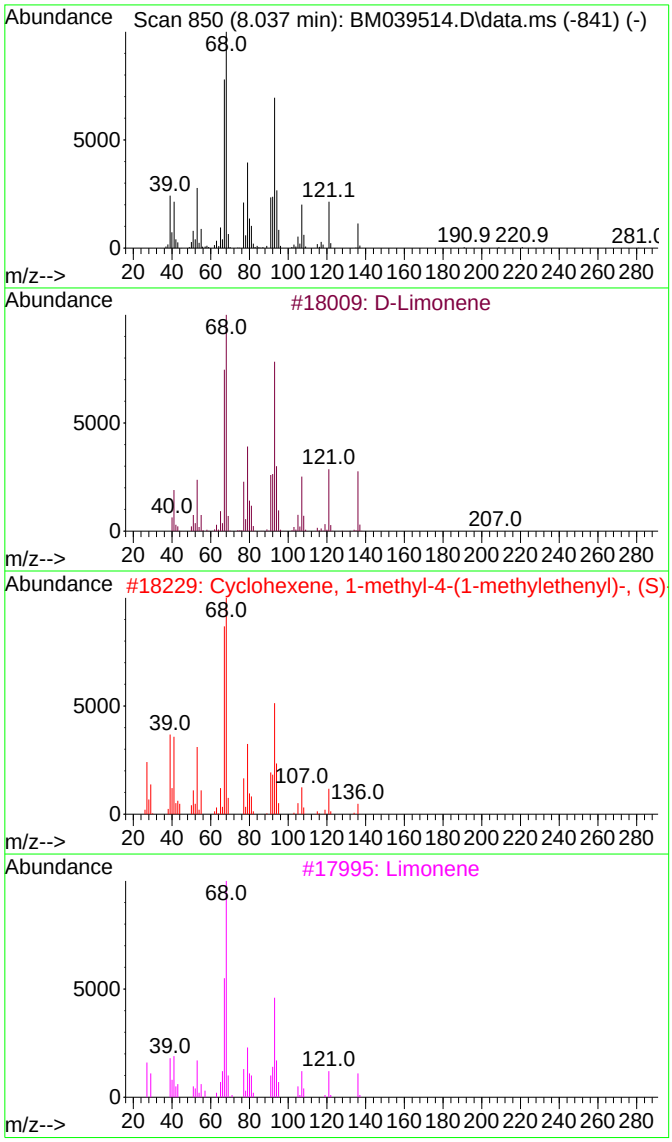
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

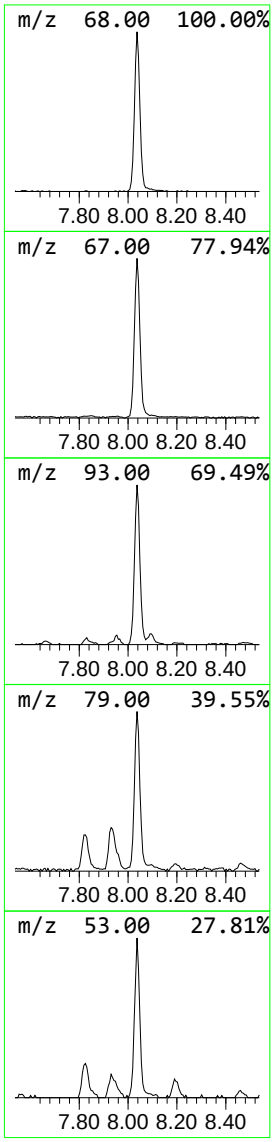
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 D-Limonene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	6.03 ng/ul	433615	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	96
3	Limonene	136	C10H16	000138-86-3	94
4	Limonene	136	C10H16	000138-86-3	91
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	90





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Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

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

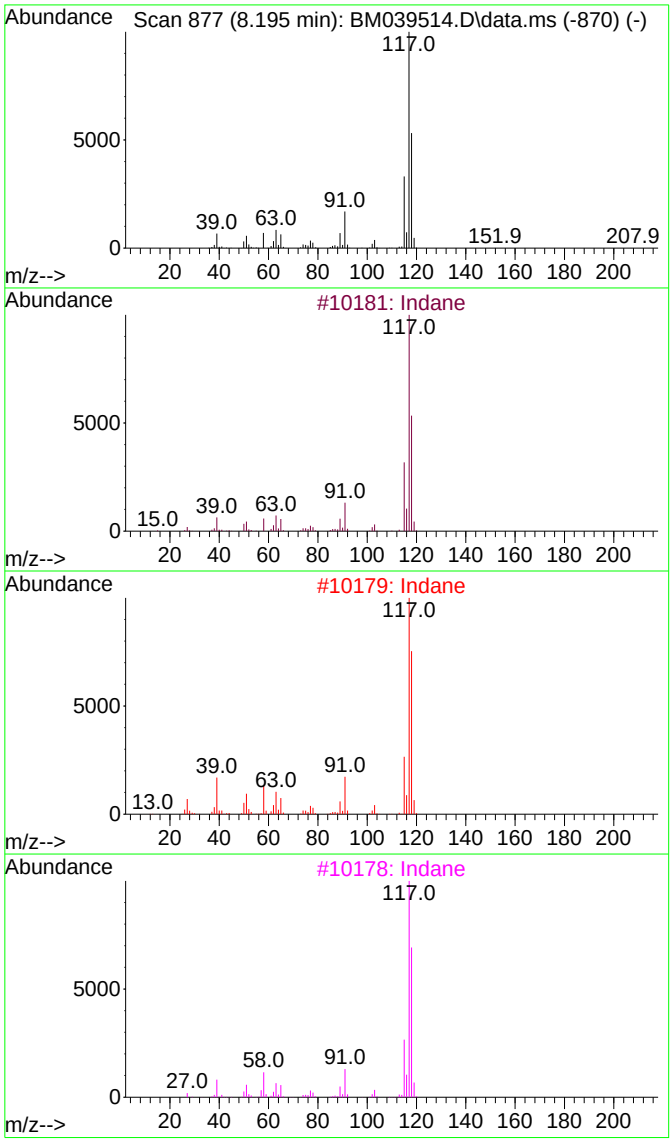
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

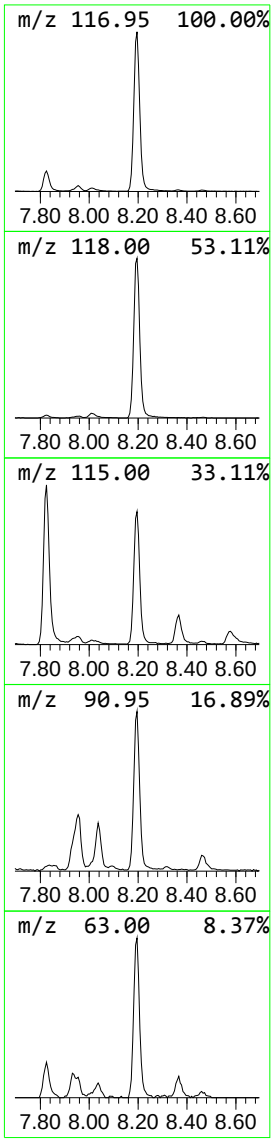
****

Peak Number 9 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.195	14.61 ng/ul	1051140	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	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	74





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Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

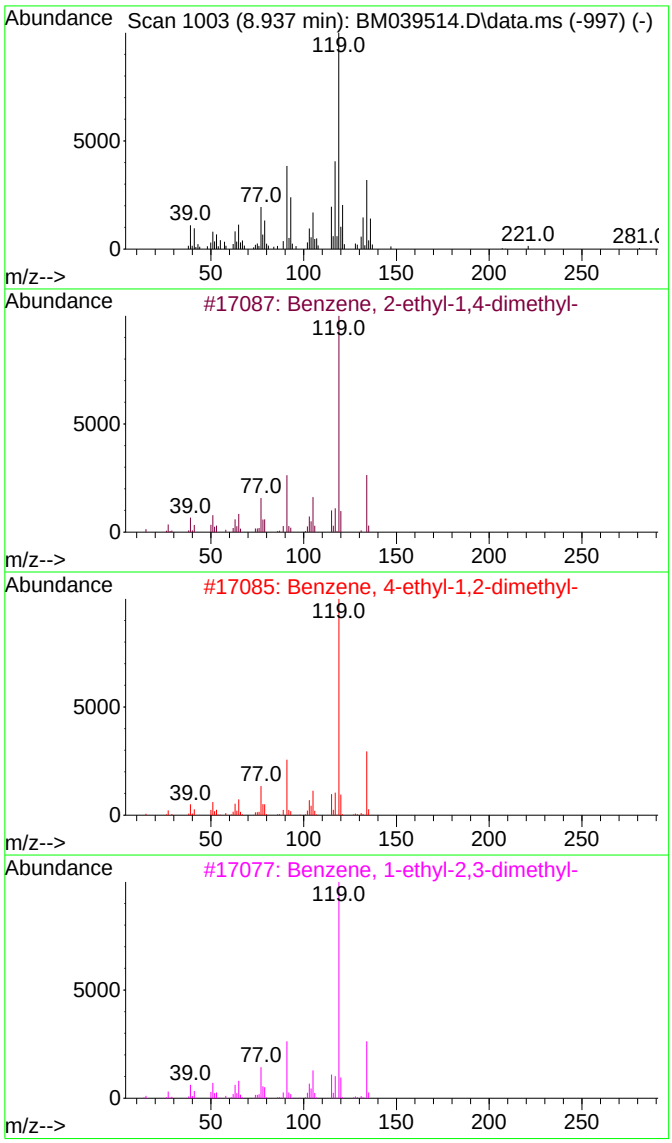
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

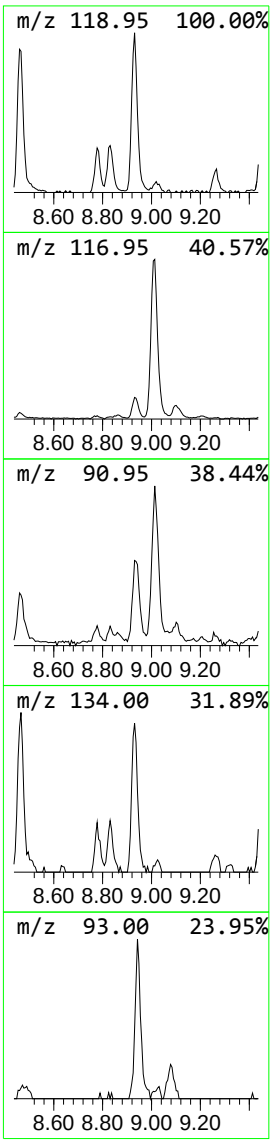
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.937	2.11 ng/ul	151603	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	p-Cymene	134	C10H14	000099-87-6	60





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Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 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

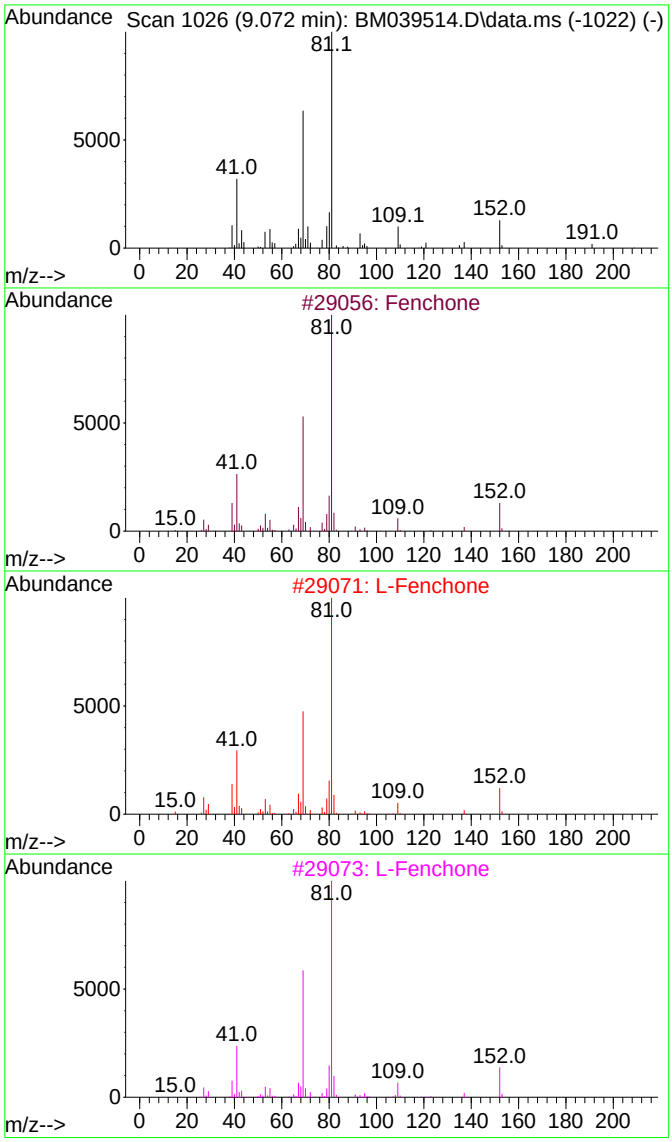
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

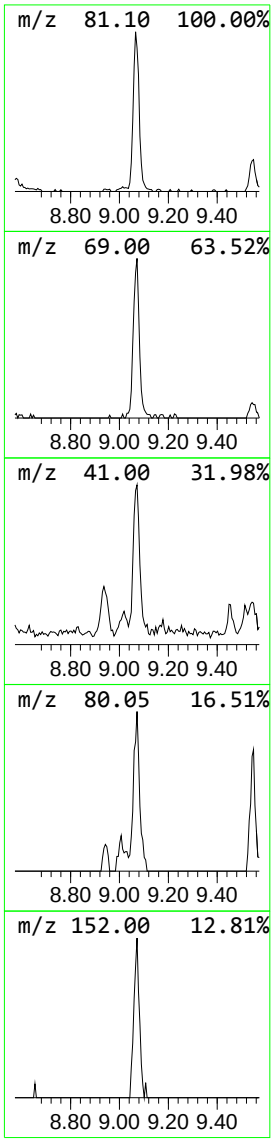
****

Peak Number 11 Fenchone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.072	2.01 ng/ul	144742	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	90
2	L-Fenchone	152	C10H16O	007787-20-4	90
3	L-Fenchone	152	C10H16O	007787-20-4	87
4	D-Fenchone	152	C10H16O	004695-62-9	87
5	Fenchone	152	C10H16O	001195-79-5	87





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Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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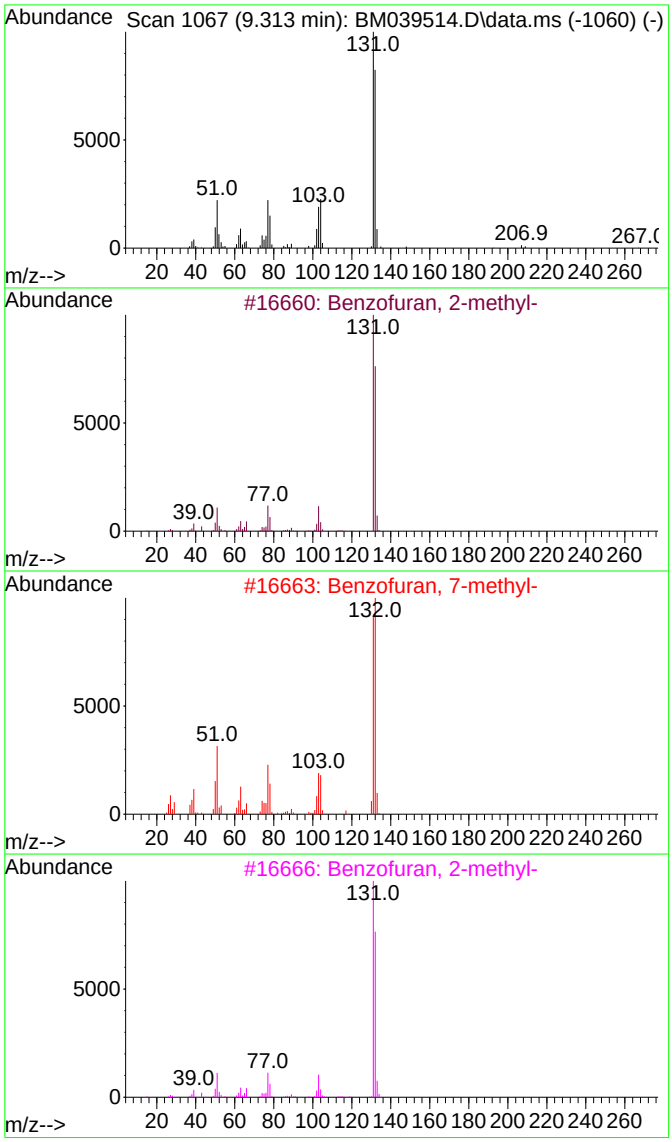
Quant Title : SVOA CALIBRATION

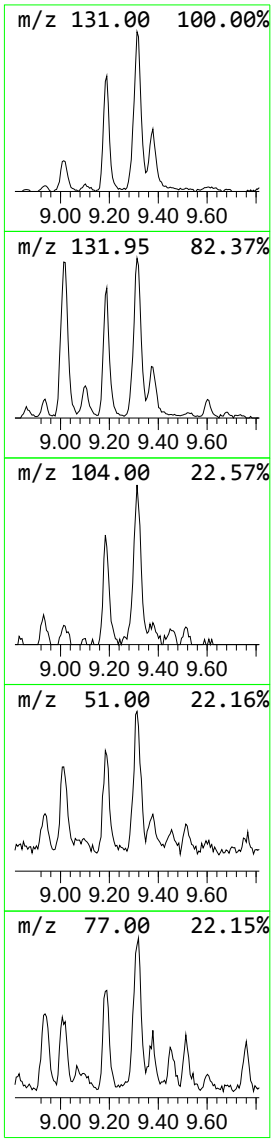
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.313	2.54 ng/ul	185579	Naphthalene-d8	10.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





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Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

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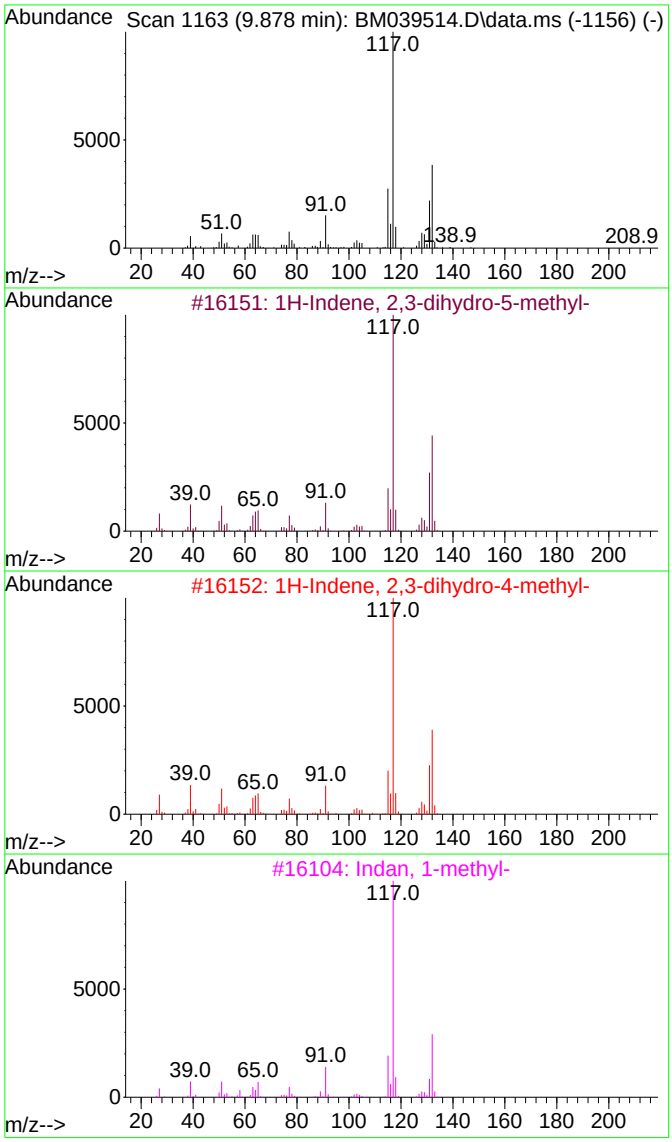
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

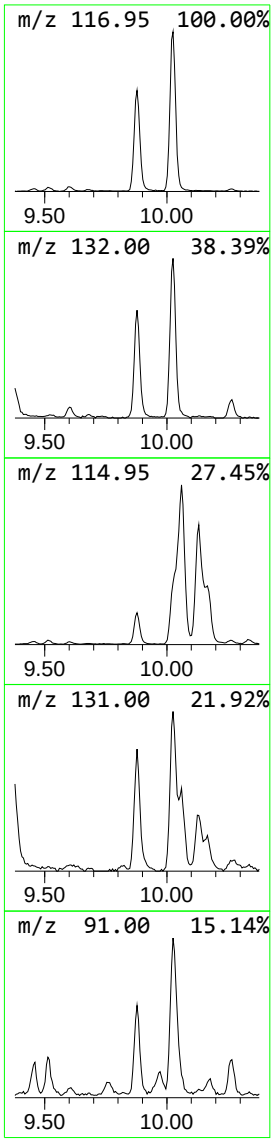
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.878	4.11 ng/ul	300746	Naphthalene-d8	10.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86





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Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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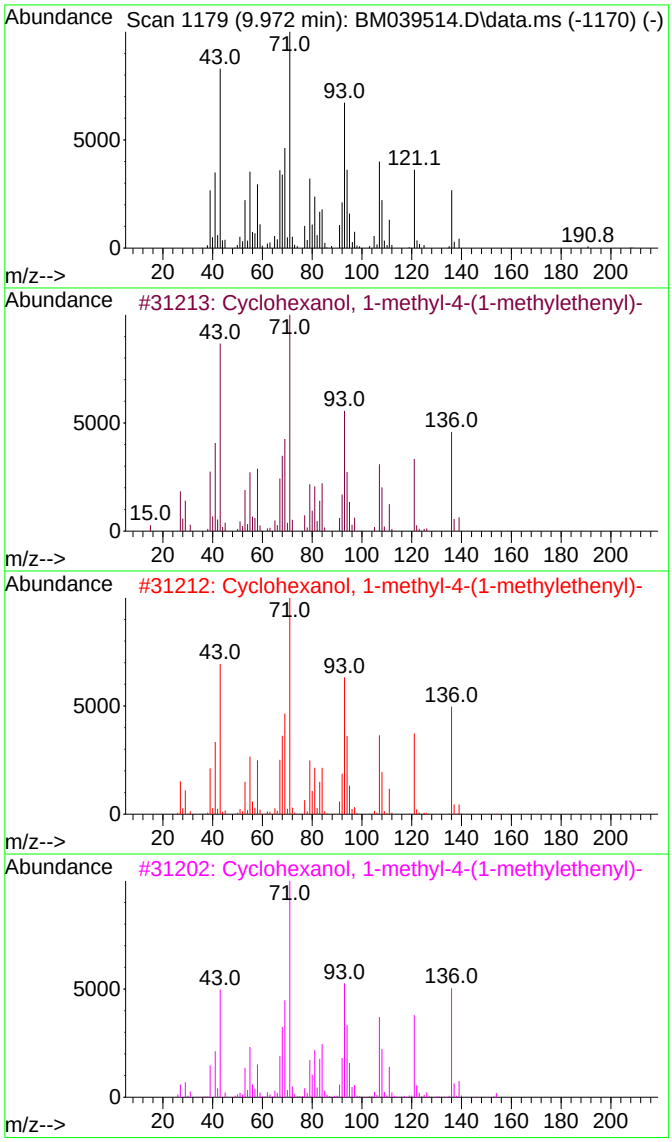
Quant Title : SVOA CALIBRATION

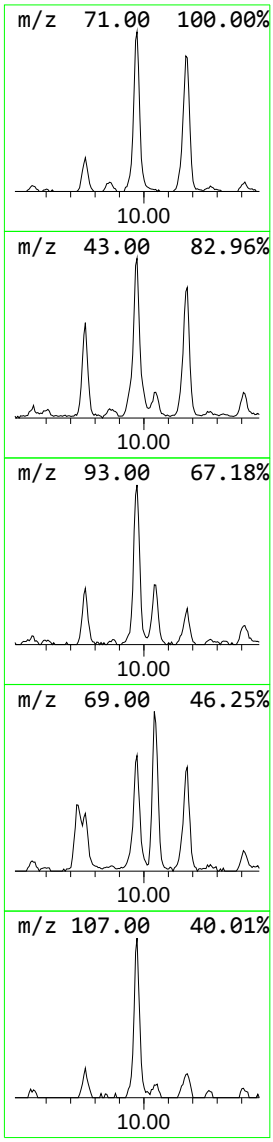
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.972	5.17 ng/ul	378653	Naphthalene-d8	10.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	91
2	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	86
3	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	80
4	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	72
5	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	38





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Misc :
ALS Vial : 66 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

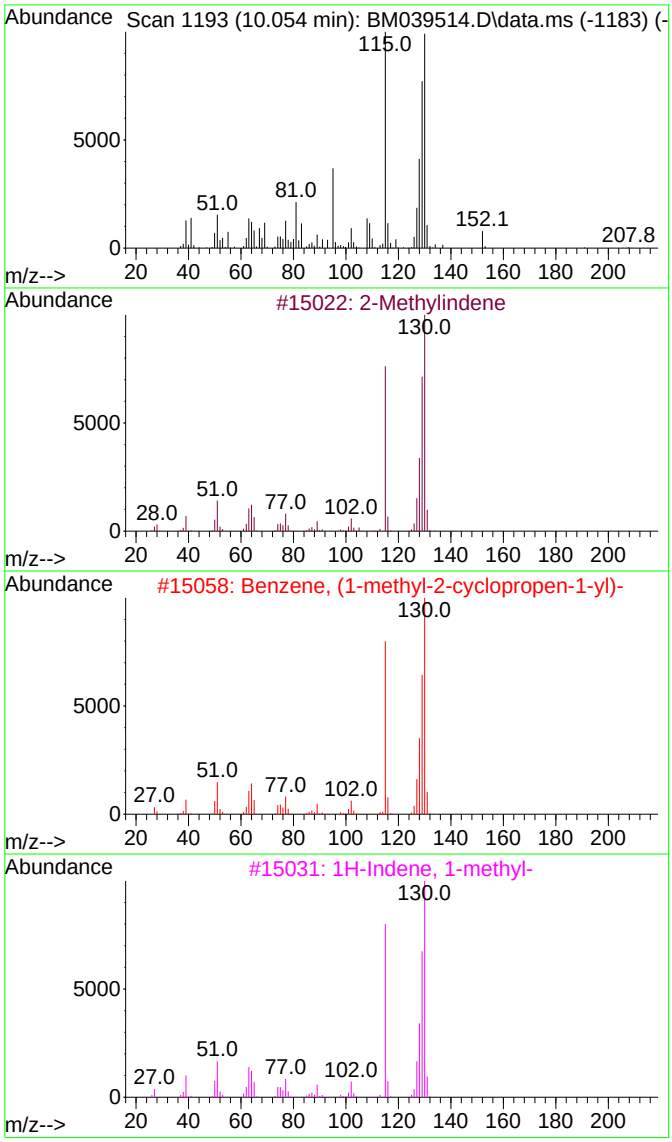
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

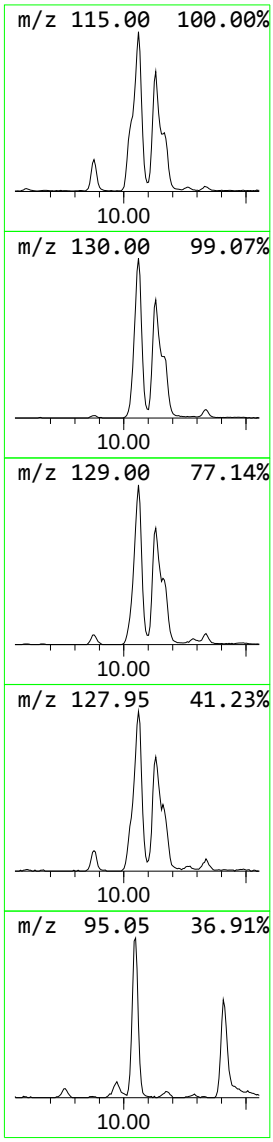
****

Peak Number 15 2-Methylindene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.054	21.70 ng/ul	1587820	Naphthalene-d8	10.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95





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ALS Vial : 66 Sample Multiplier: 1

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ClientSampleId :
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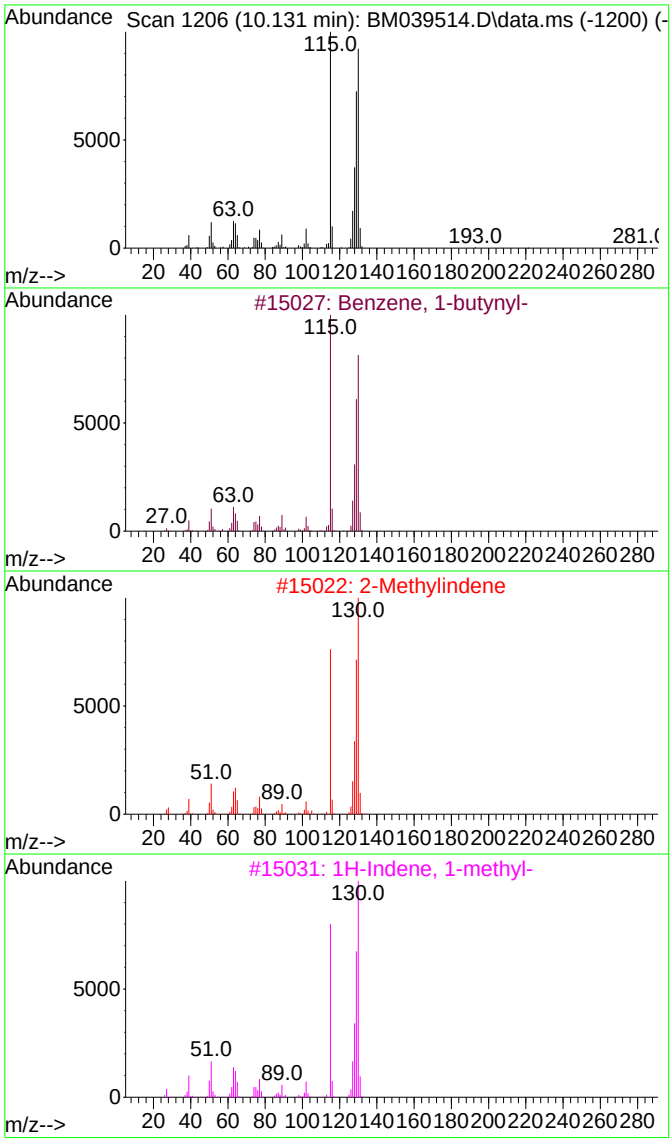
Quant Title : SVOA CALIBRATION

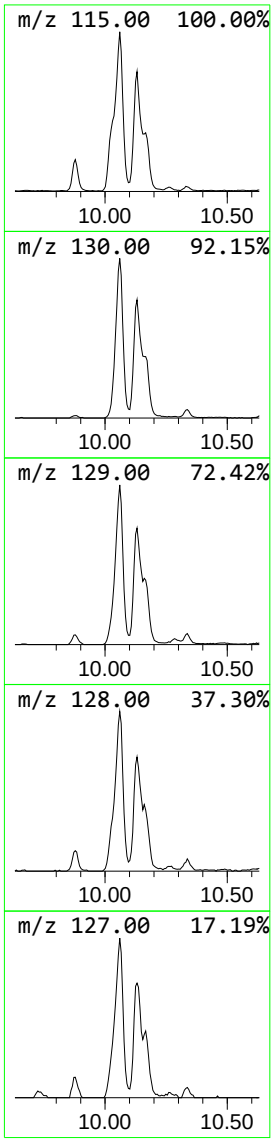
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-butynyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.131	7.11 ng/ul	520134	Naphthalene-d8	10.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCBM2DL

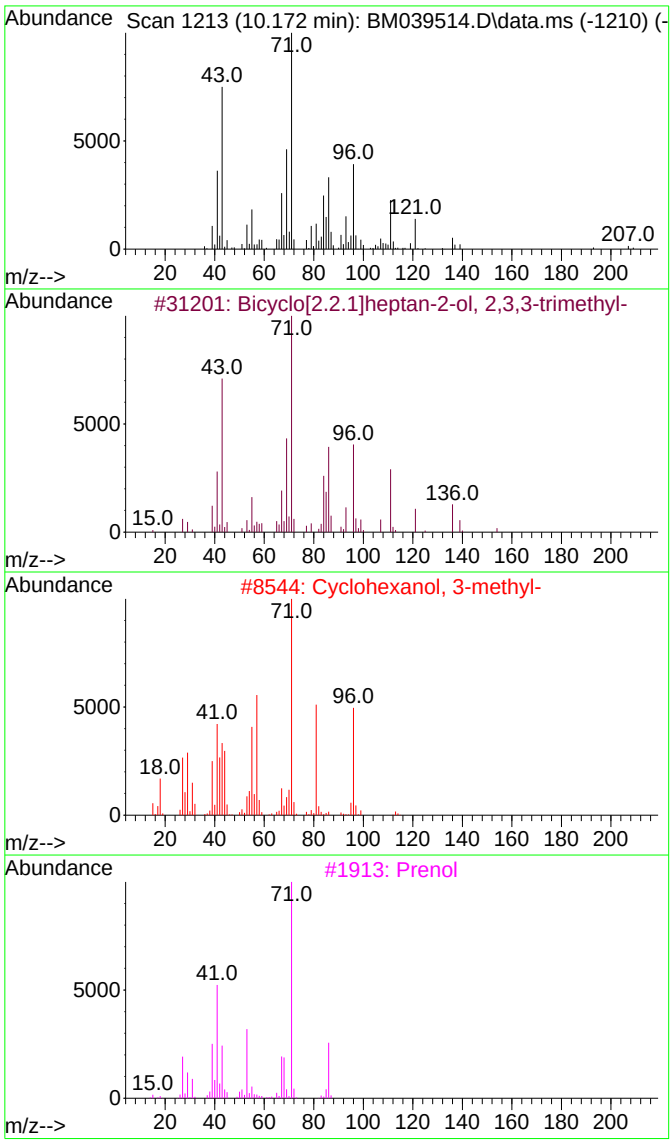
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

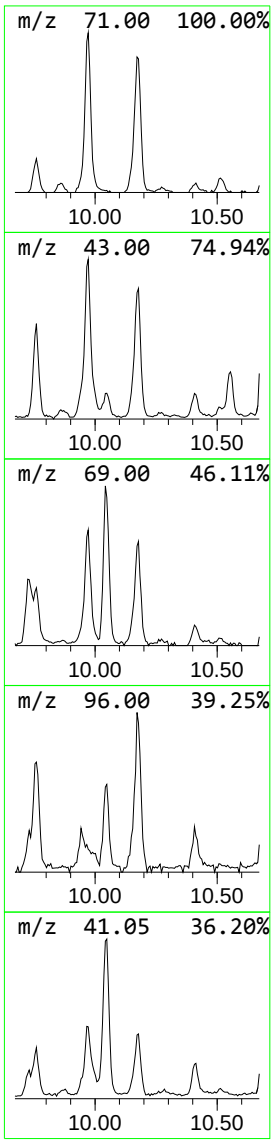
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.172	5.57 ng/ul	407264	Naphthalene-d8	10.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	86
2	Cyclohexanol, 3-methyl-	114	C7H14O	000591-23-1	43
3	Prenol	86	C5H10O	000556-82-1	43
4	Prenol	86	C5H10O	000556-82-1	43
5	Butanoic acid, 6-ethyl-3-octyl e...	228	C14H28O2	1000282-60-1	38





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Data File : BM039514.D
Acq On : 20 Apr 2023 03:05
Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

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

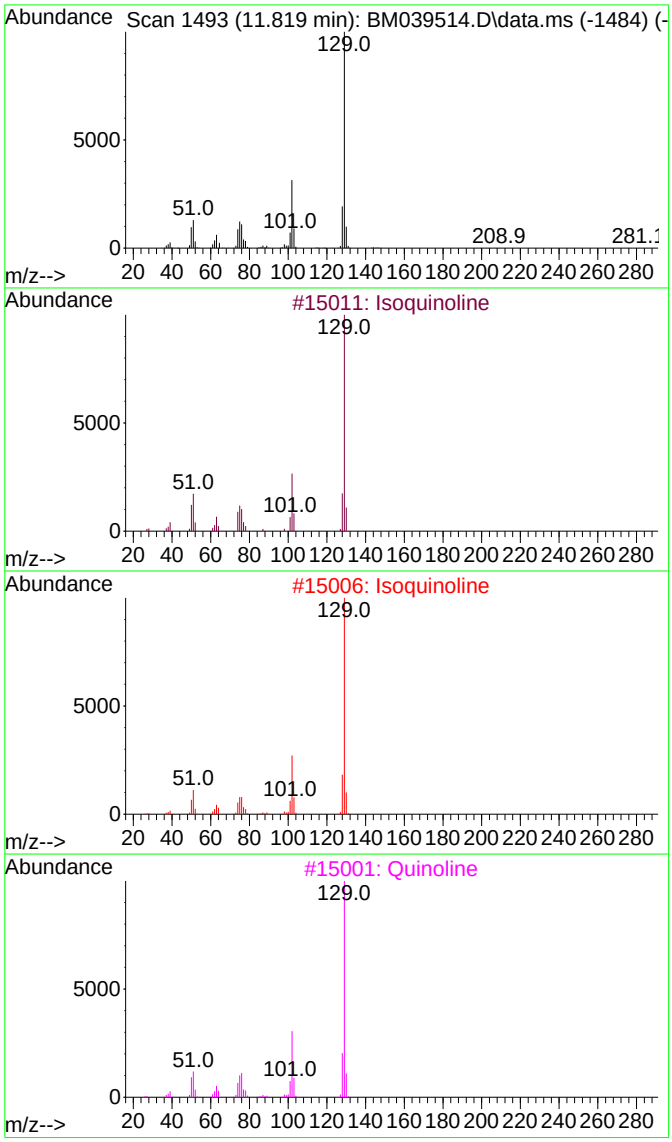
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

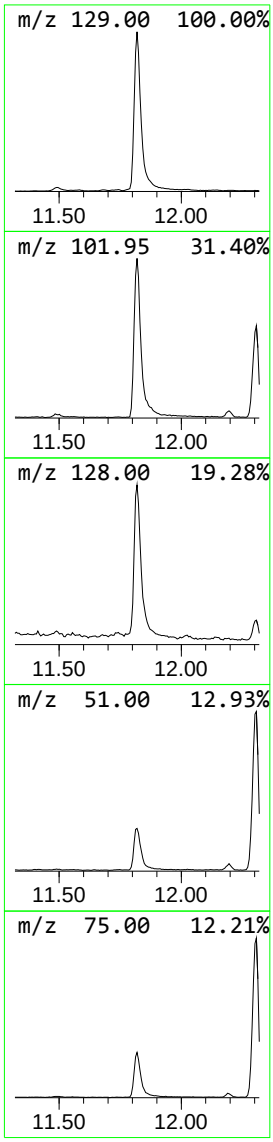
****

Peak Number 18 Isoquinoline Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.819	17.71 ng/ul	1296090	Naphthalene-d8	10.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	97
2	Isoquinoline	129	C9H7N	000119-65-3	97
3	Quinoline	129	C9H7N	000091-22-5	96
4	Isoquinoline	129	C9H7N	000119-65-3	96
5	Isoquinoline	129	C9H7N	000119-65-3	95





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Sample : 02296-16DL 10X
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ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

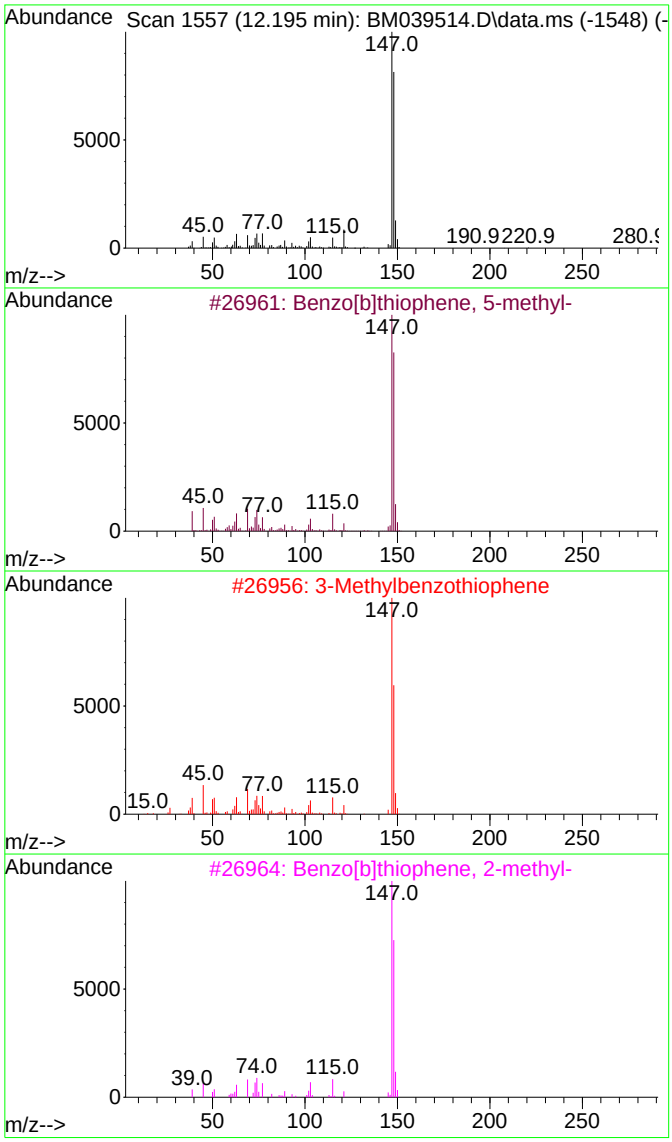
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

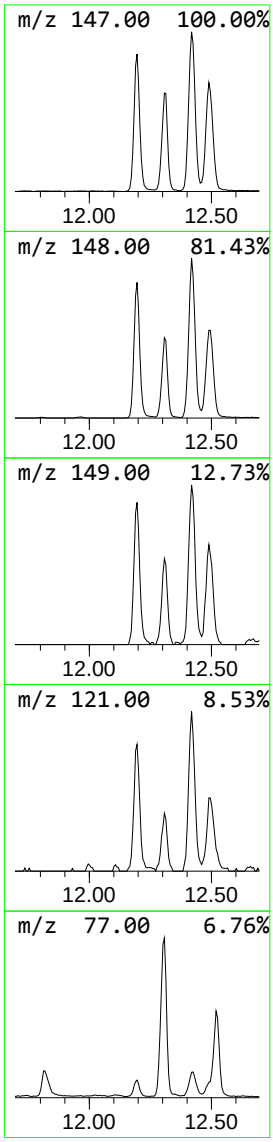
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[b]thiophene, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.195	6.67 ng/ul	488072	Naphthalene-d8	10.642

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





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Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

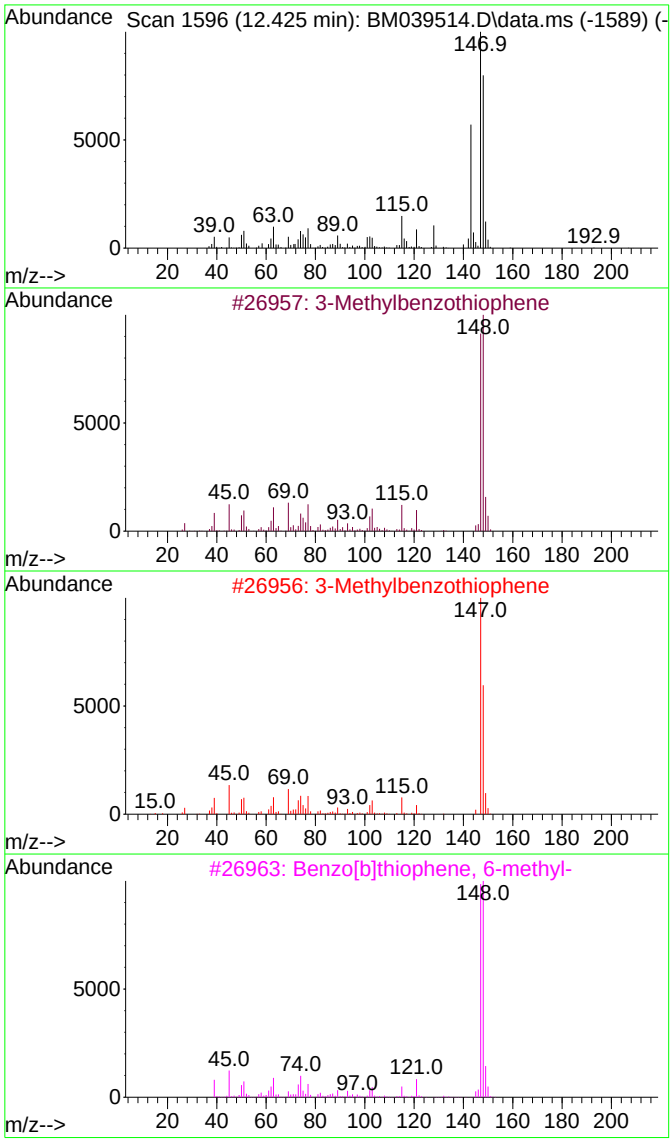
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

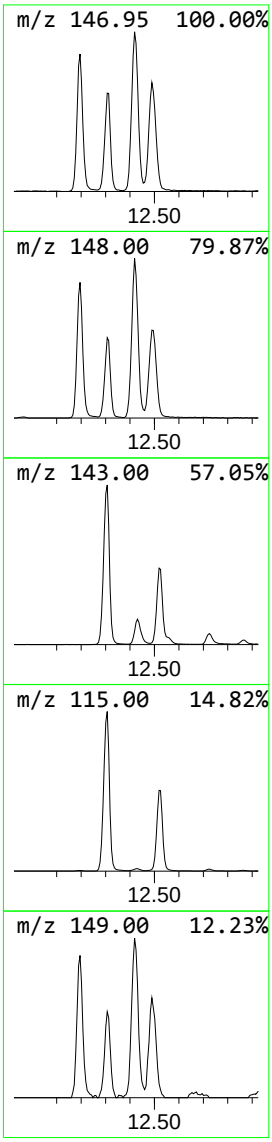
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 3-Methylbenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.425	13.61 ng/ul	995948	Naphthalene-d8	10.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	70
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	70
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	62
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	62





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Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCBM2DL

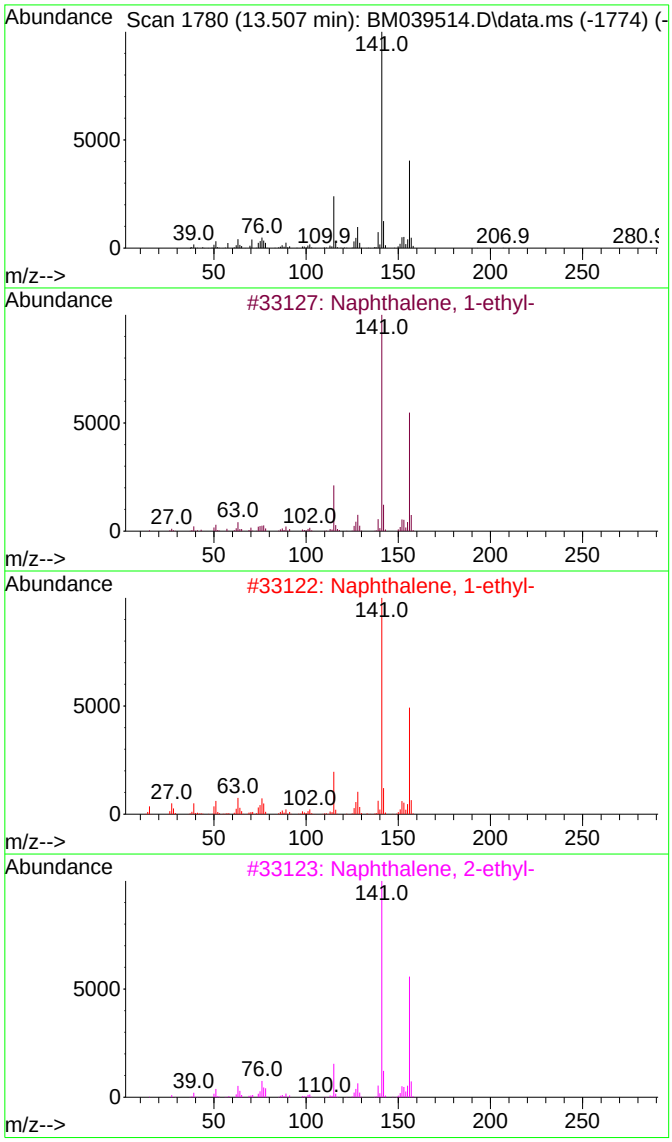
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

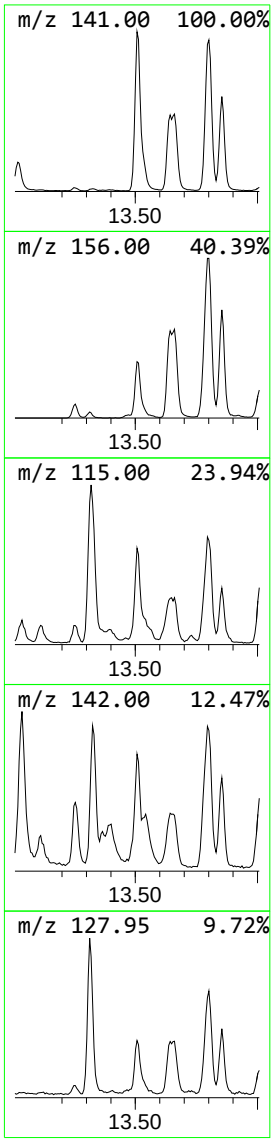
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.507	4.55 ng/ul	782290	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, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

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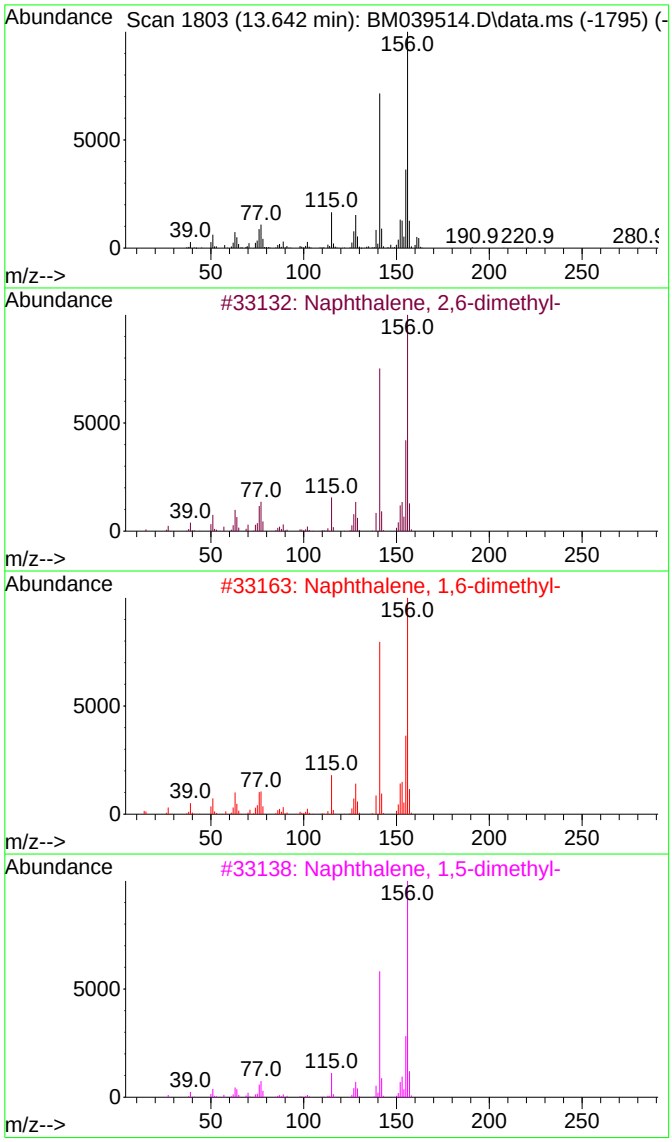
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

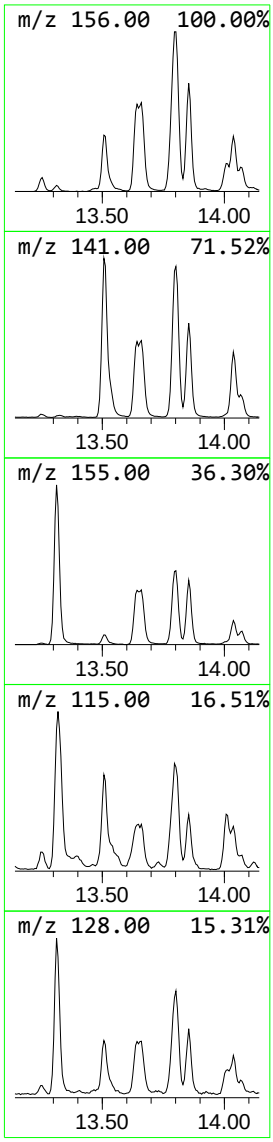
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.642	3.05 ng/ul	524520	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

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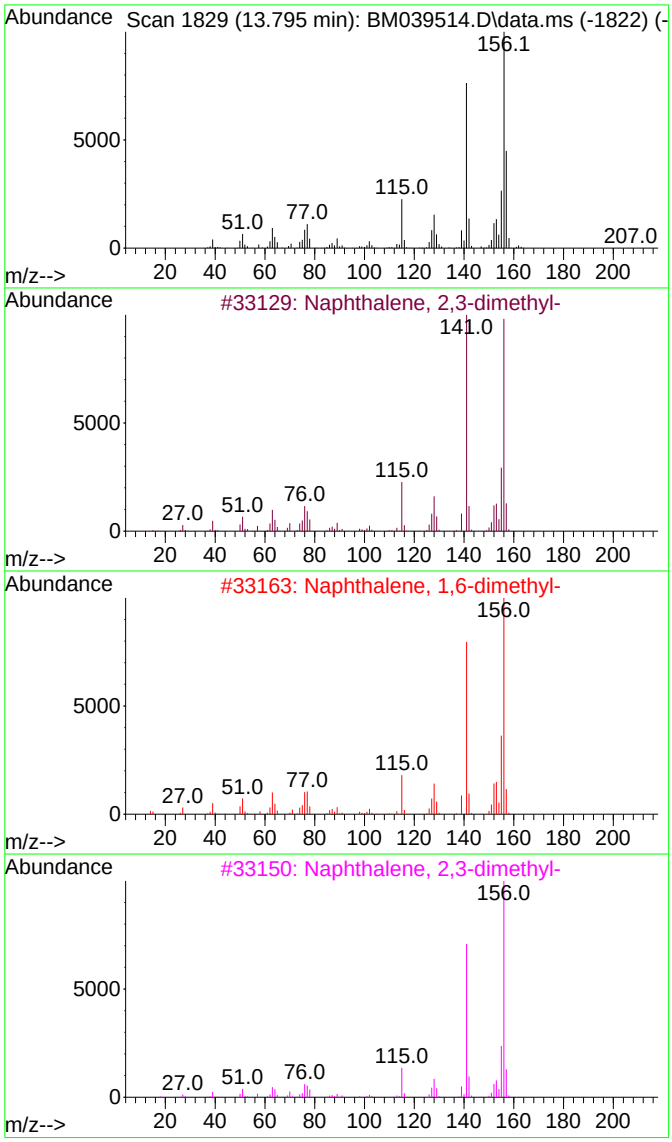
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

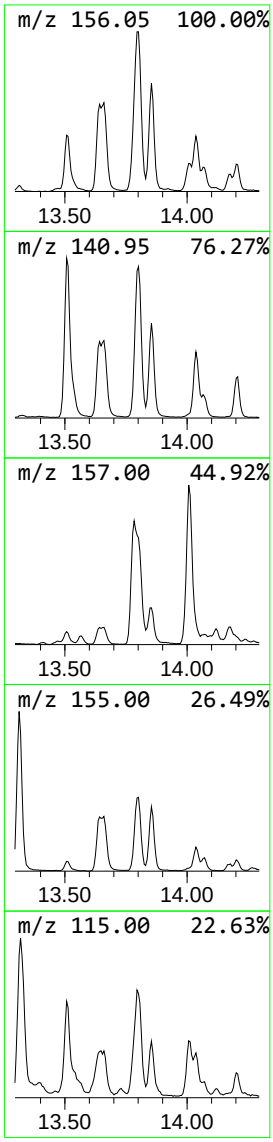
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.795	9.11 ng/ul	1565600	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, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL

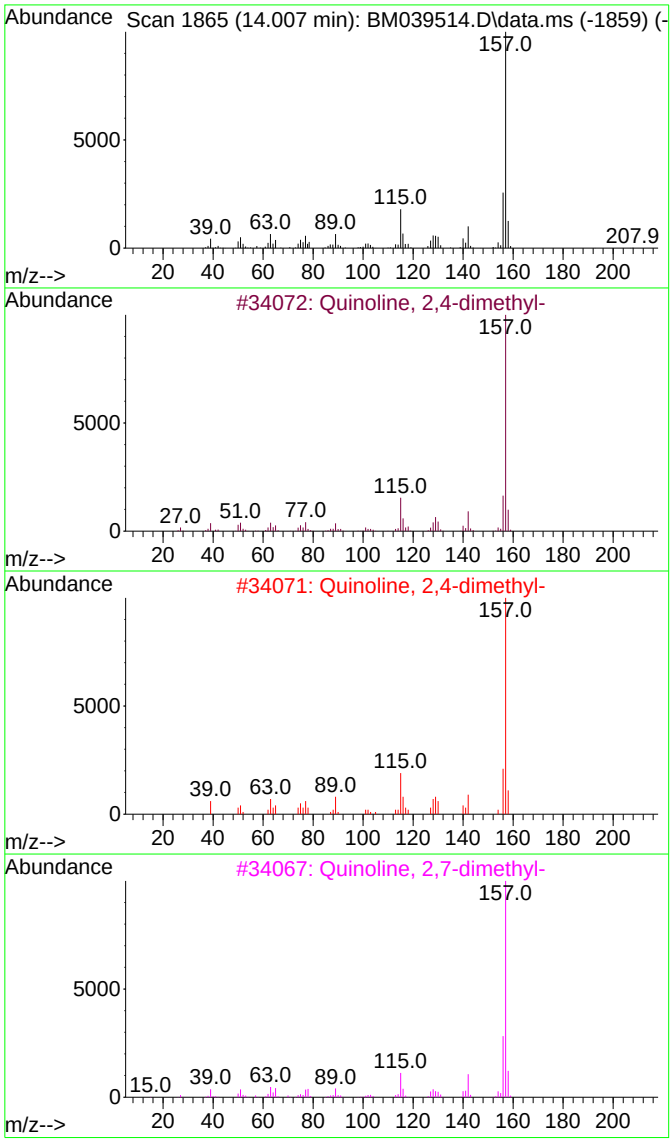
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

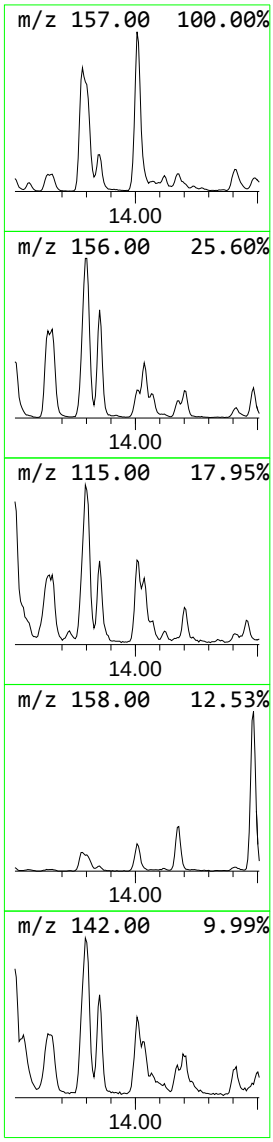
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Quinoline, 2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	2.90 ng/ul	497973	Acenaphthene-d10	14.483

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





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Misc :
ALS Vial : 66 Sample Multiplier: 1

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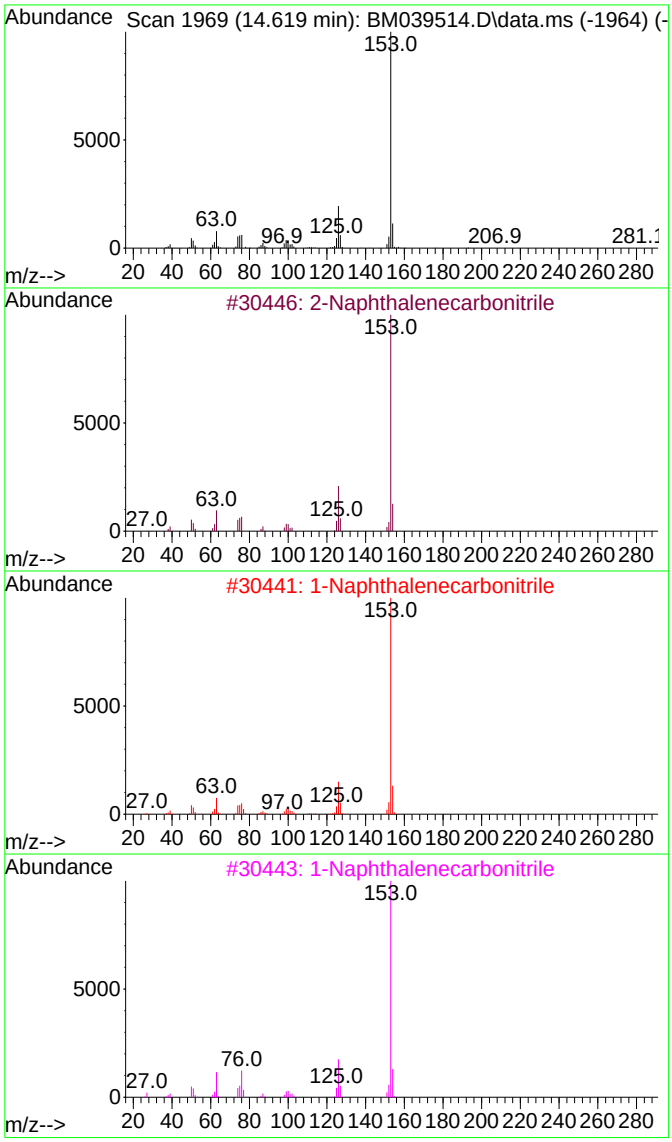
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

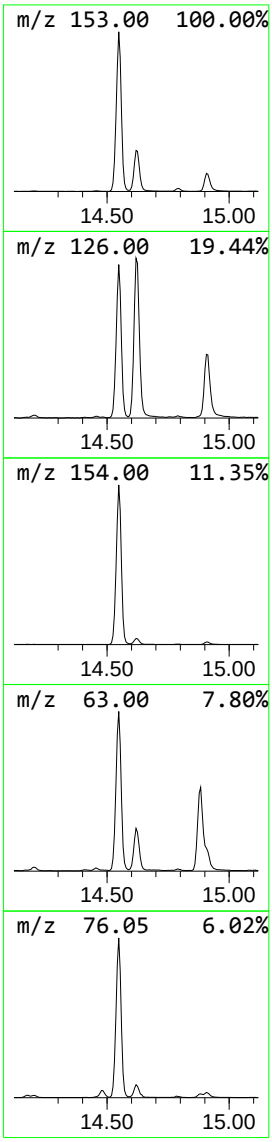
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2-Naphthalenecarbonitrile Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.619	12.13 ng/ul	2083790	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	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





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Quant Title : SVOA CALIBRATION

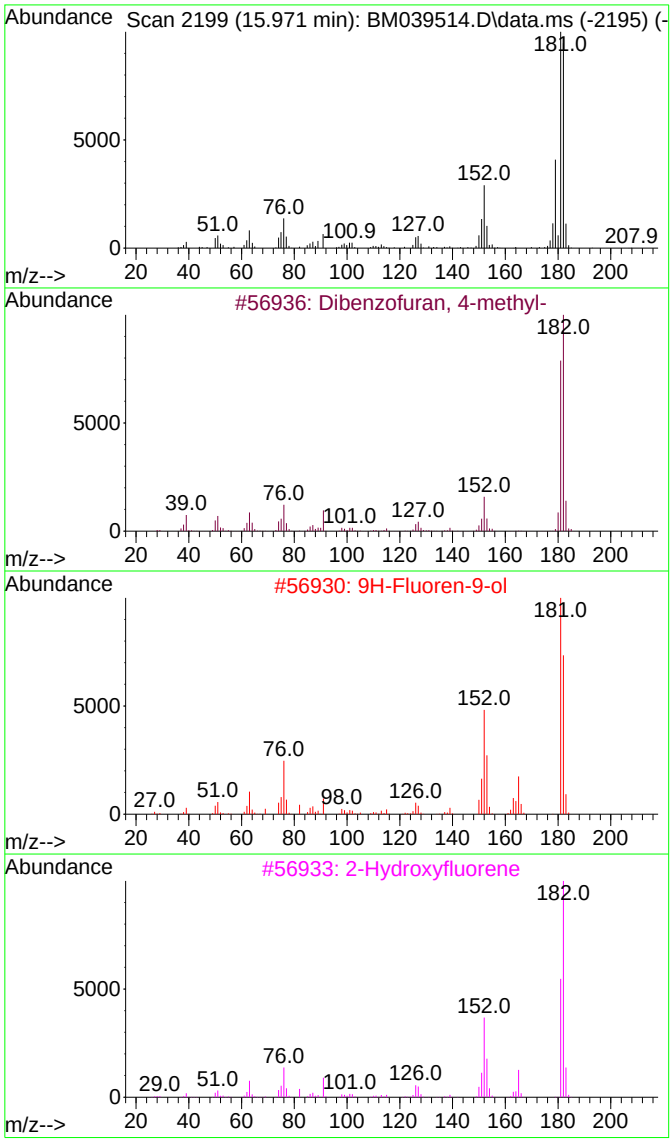
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

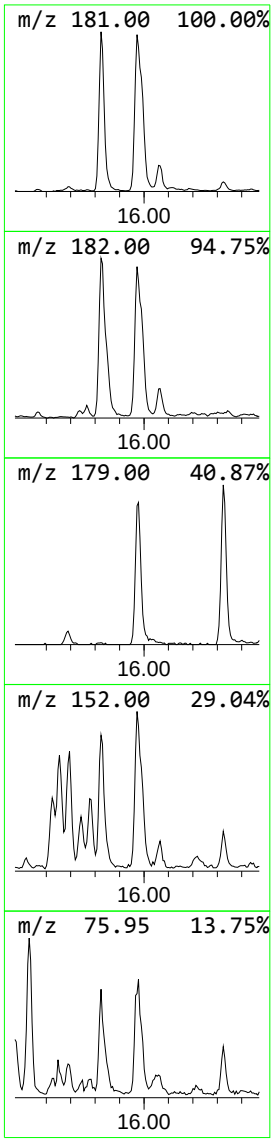
****

Peak Number 26 Dibenzofuran, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.972	2.01 ng/ul	374106	Phenanthrene-d10	17.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	68
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	62
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53





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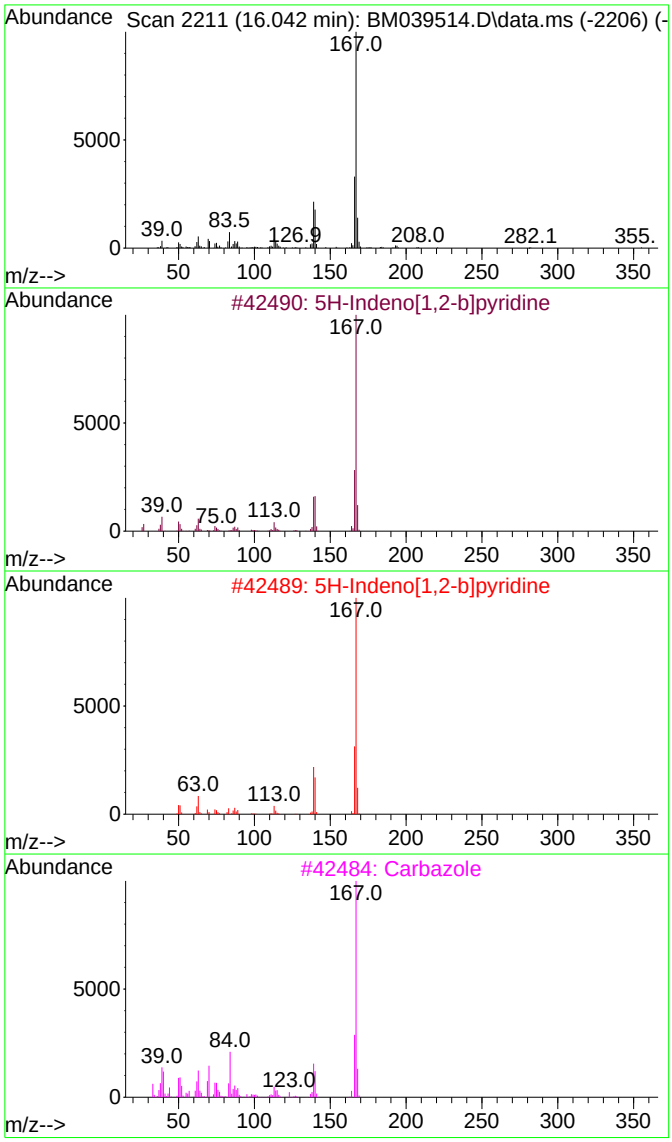
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

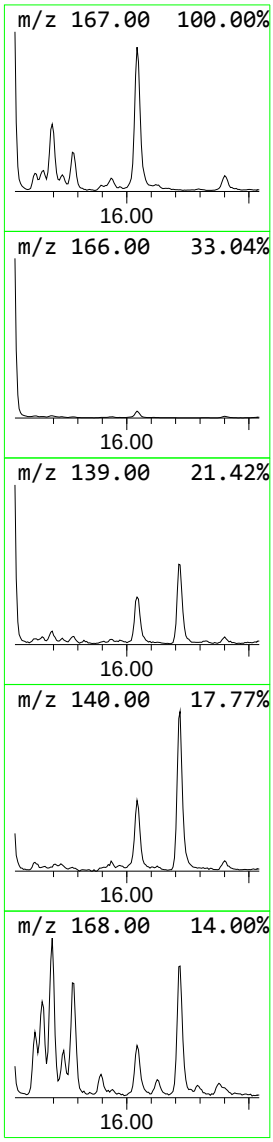
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 5H-Indeno[1,2-b]pyridine Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.042	2.00 ng/ul	372388	Phenanthrene-d10	17.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	Carbazole	167	C12H9N	000086-74-8	90
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
5	Carbazole	167	C12H9N	000086-74-8	81





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ALS Vial : 66 Sample Multiplier: 1

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ClientSampleId :
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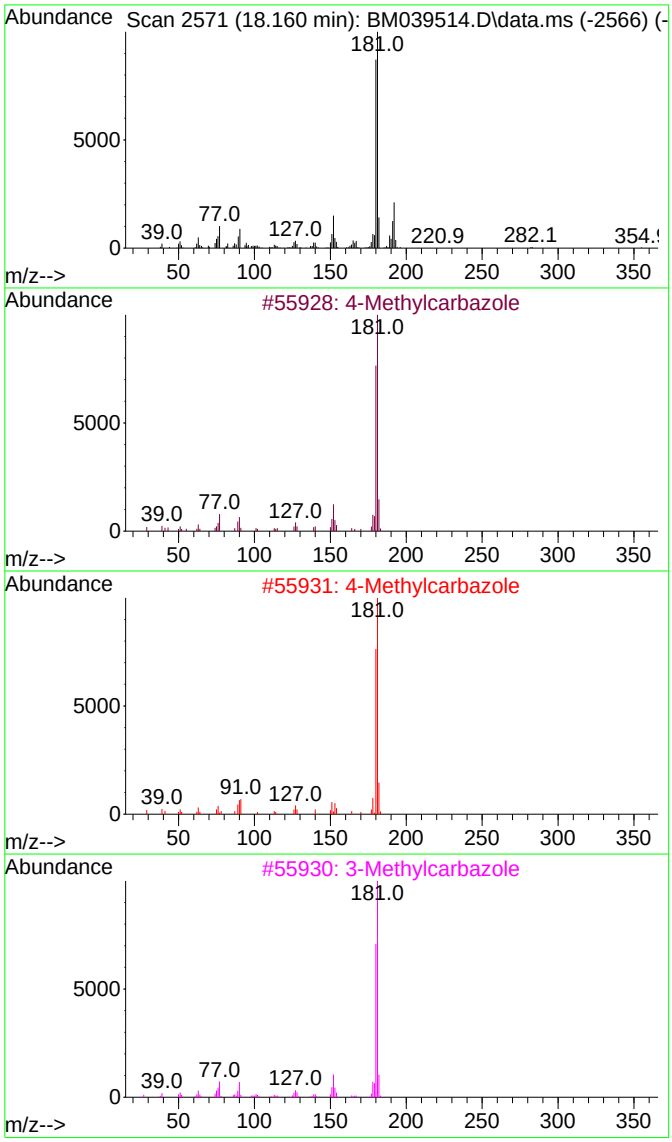
Quant Title : SVOA CALIBRATION

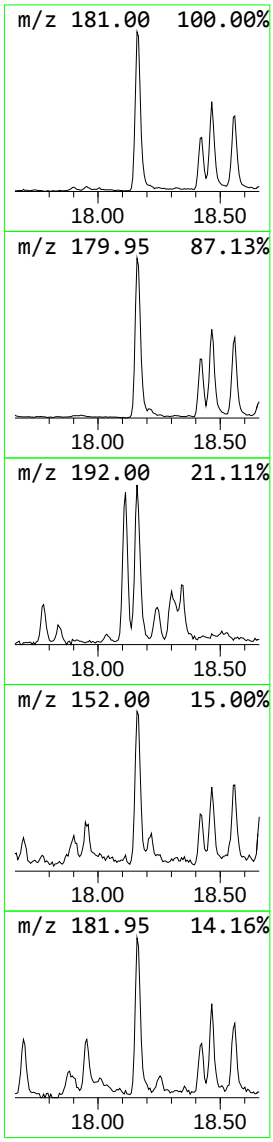
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 4-Methylcarbazole Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.160	2.26 ng/ul	419876	Phenanthrene-d10	17.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	97
2	4-Methylcarbazole	181	C13H11N	003770-48-7	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	95
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
5	3-Methylcarbazole	181	C13H11N	004630-20-0	94





Tentatively Identified Compound (LSC) summary

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Misc :
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ClientSampleId :
DCBM2DL

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
.alpha.-Pinene	6.484	10.9	ng/ul	787477	1	7.825	1438540	20.0
Cyclohexene, 1-...	6.796	2.4	ng/ul	169729	1	7.825	1438540	20.0
Benzene, 1-ethy...	6.901	3.8	ng/ul	274562	1	7.825	1438540	20.0
Mesitylene	7.037	4.9	ng/ul	353590	1	7.825	1438540	20.0
.beta.-Pinene	7.248	2.9	ng/ul	208268	1	7.825	1438540	20.0
Benzene, 1,2,3-...	7.466	12.9	ng/ul	925979	1	7.825	1438540	20.0
Benzene, 1-ethy...	7.937	6.1	ng/ul	435915	1	7.825	1438540	20.0
D-Limonene	8.037	6.0	ng/ul	433615	1	7.825	1438540	20.0
Indane	8.195	14.6	ng/ul	1051140	1	7.825	1438540	20.0
Benzene, 2-ethy...	8.937	2.1	ng/ul	151603	1	7.825	1438540	20.0
Fenchone	9.072	2.0	ng/ul	144742	1	7.825	1438540	20.0
Benzofuran, 2-m...	9.313	2.5	ng/ul	185579	2	10.642	1463620	20.0
1H-Indene, 2,3-...	9.878	4.1	ng/ul	300746	2	10.642	1463620	20.0
Cyclohexanol, 1...	9.972	5.2	ng/ul	378653	2	10.642	1463620	20.0
2-Methylindene	10.054	21.7	ng/ul	1587820	2	10.642	1463620	20.0
Benzene, 1-buty...	10.131	7.1	ng/ul	520134	2	10.642	1463620	20.0
Bicyclo[2.2.1]h...	10.172	5.6	ng/ul	407264	2	10.642	1463620	20.0
Isoquinoline	11.819	17.7	ng/ul	1296090	2	10.642	1463620	20.0
Benzo[b]thiophe...	12.195	6.7	ng/ul	488072	2	10.642	1463620	20.0
3-Methylbenzoth...	12.425	13.6	ng/ul	995948	2	10.642	1463620	20.0
Naphthalene, 1-...	13.507	4.5	ng/ul	782290	3	14.483	3436890	20.0
Naphthalene, 2,...	13.642	3.0	ng/ul	524520	3	14.483	3436890	20.0
Naphthalene, 2,...	13.795	9.1	ng/ul	1565600	3	14.483	3436890	20.0
Quinoline, 2,4-...	14.007	2.9	ng/ul	497973	3	14.483	3436890	20.0
2-Naphthaleneca...	14.619	12.1	ng/ul	2083790	3	14.483	3436890	20.0
Dibenzofuran, 4...	15.972	2.0	ng/ul	374106	4	17.230	3716760	20.0
5H-Indeno[1,2-b...	16.042	2.0	ng/ul	372388	4	17.230	3716760	20.0
4-Methylcarbazole	18.160	2.3	ng/ul	419876	4	17.230	3716760	20.0