LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039515.D
Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCBM2DL2

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: BM039515.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	580	586	593	rBV	145583	227494	0.60%	0.289%
2	6.795	634	639	644	rVB	32122	49083	0.13%	0.062%
3	6.907	651	658	664	rBV	42583	75151	0.20%	0.095%
4	7.037	675	680	693	rVB	54792	95255	0.25%	0.121%
5	7.248	711	716	722	rVB	33872	57122	0.15%	0.073%
6	7.466	747	753	765	rBV	136708	240664	0.63%	0.306%
7	7.825	808	814	827	rBV	669464	1199024	3.15%	1.522%
8	7.937	828	833	844	rVV3	47017	141899	0.37%	0.180%
9	8.037	845	850	859	rVB	70517	117621	0.31%	0.149%
10	8.195	871	877	888	rBV	166754	285012	0.75%	0.362%
11	8.936	998	1003	1011	rBV4	19466	39737	0.10%	0.050%
12	9.013	1011	1016	1023	rVV4	41407	101757	0.27%	0.129%
13	9.066	1023	1025	1038	rVV4	17620	42283	0.11%	0.054%
14	9.325	1061	1069	1074	rBV2	17919	39085	0.10%	0.050%
15	9.754	1133	1142	1149	rBV7	29990	67154	0.18%	0.085%
16	9.878	1157	1163	1170	rBV	46085	82013	0.22%	0.104%
17	9.972	1170	1179	1183	rVV	51718	104907	0.28%	0.133%
18	10.042	1183	1191	1201	rVV4	132399	454870	1.20%	0.577%
19	10.130	1201	1206	1209	rVV	69545	137818	0.36%	0.175%
20	10.172	1209	1213	1221	rVB4	68364	134152	0.35%	0.170%
21	10.636	1285	1292	1295	rBV	1032324	1928571	5.07%	2.448%
22	10.695	1295	1302	1316	rVV	19635245	38033794	100.00%	48.281%
23	10.807	1316	1321	1332	rVB	191591	405033	1.06%	0.514%
24	11.830	1490	1495	1512	rBV	101539	283825	0.75%	0.360%
25	12.195	1550	1557	1564	rVB	77956	129886	0.34%	0.165%
26	12.301	1567	1575	1589	rBV	3259104	5409669	14.22%	6.867%
27	12.419	1589	1595	1602	rVV2	96857	255647	0.67%	0.325%
28	12.519	1603	1612	1626	rVB	1625640	2738998	7.20%	3.477%
29	12.730	1643	1648	1657	rVB	18875	38516	0.10%	0.049%
30	13.042	1692	1701	1711	rBV2	23683	66630	0.18%	0.085%
31	13.254	1732	1737	1742	rBV2	27738	45621	0.12%	0.058%
32	13.313	1742	1747	1762	rBV	474244	898972	2.36%	1.141%
33	13.513	1775	1781	1794	rVB	95704	204445	0.54%	0.260%
34	13.642	1796	1803	1804	rBV	92344	122918	0.32%	0.156%
35	13.801	1822	1830	1835	rBV2	194898	406173	1.07%	0.516%
36	13.854	1835	1839	1843	rVV	104409	164053	0.43%	0.208%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039515.D
Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCBM2DL2

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	13.895	1843	1846	1856	rVB	76474	129998	0.34%	0.165%
38	14.013	1860	1866	1868	rBV	72326	120199	0.32%	0.153%
39	14.036	1868	1870	1874	rVB	46249	54388	0.14%	0.069%
40	14.177	1889	1894	1897	rBV2	80842	139547	0.37%	0.177%
41	14.201	1897	1898	1908	rVB	58987	71382	0.19%	0.091%
42	14.483	1937	1946	1951	rVV	1814353	2835654	7.46%	3.600%
43	14.542	1951	1956	1965	rVV	2476803	3776412	9.93%	4.794%
44	14.624	1965	1970	1984	rVB	348335	587441	1.54%	0.746%
45	14.789	1990	1998	2004	rBV2	37651	58050	0.15%	0.074%
46	14.883	2008	2014	2041	rVB	1113086	2044822	5.38%	2.596%
47	15.477	2110	2115	2119	rBV	100943	150778	0.40%	0.191%
48	15.530	2119	2124	2136	rVV	880845	1319920	3.47%	1.676%
49	15.654	2142	2145	2148	rVV2	29181	41205	0.11%	0.052%
50	15.695	2148	2152	2157	rVB4	44449	62354	0.16%	0.079%
51	15.830	2171	2175	2185	rVB2	39280	83029	0.22%	0.105%
52	15.977	2193	2200	2207	rBV2	46014	102740	0.27%	0.130%
53	16.054	2207	2213	2222	rVB	40298	85146	0.22%	0.108%
54	16.218	2236	2241	2250	rBV2	27345	54021	0.14%	0.069%
55	16.330	2255	2260	2267	rVB	24348	42623	0.11%	0.054%
56	16.542	2285	2296	2303	rBV5	17295	58578	0.15%	0.074%
57	16.889	2347	2355	2364	rBV4	26295	68632	0.18%	0.087%
58	17.054	2378	2383	2390	rVB	61624	91607	0.24%	0.116%
59	17.230	2404	2413	2417	rBV	2120030	3143933	8.27%	3.991%
60	17.277	2417	2421	2427	rVV	821160	1286139	3.38%	1.633%
61	17.336	2427	2431	2445	rVB3	181478	407483	1.07%	0.517%
62	17.648	2475	2484	2500	rBV	927837	1693302	4.45%	2.150%
63	17.777	2503	2506	2516	rVB4	24351	46594	0.12%	0.059%
64	18.171	2567	2573	2581	rBV	56246	105299	0.28%	0.134%
65	18.312	2592	2597	2608	rBV2	33119	67797	0.18%	0.086%
66	19.295	2760	2764	2772	rBV	60037	97868	0.26%	0.124%
67	19.630	2816	2821	2825	rBV	128314	206226	0.54%	0.262%
68	21.424	3121	3126	3138	rBV	1757550	2634989	6.93%	3.345%
69	23.788	3521	3528	3542	rVB2	1031833	2282126	6.00%	2.897%

Sum of corrected areas: 78775134

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Acq On : 20 Apr 2023 03:41
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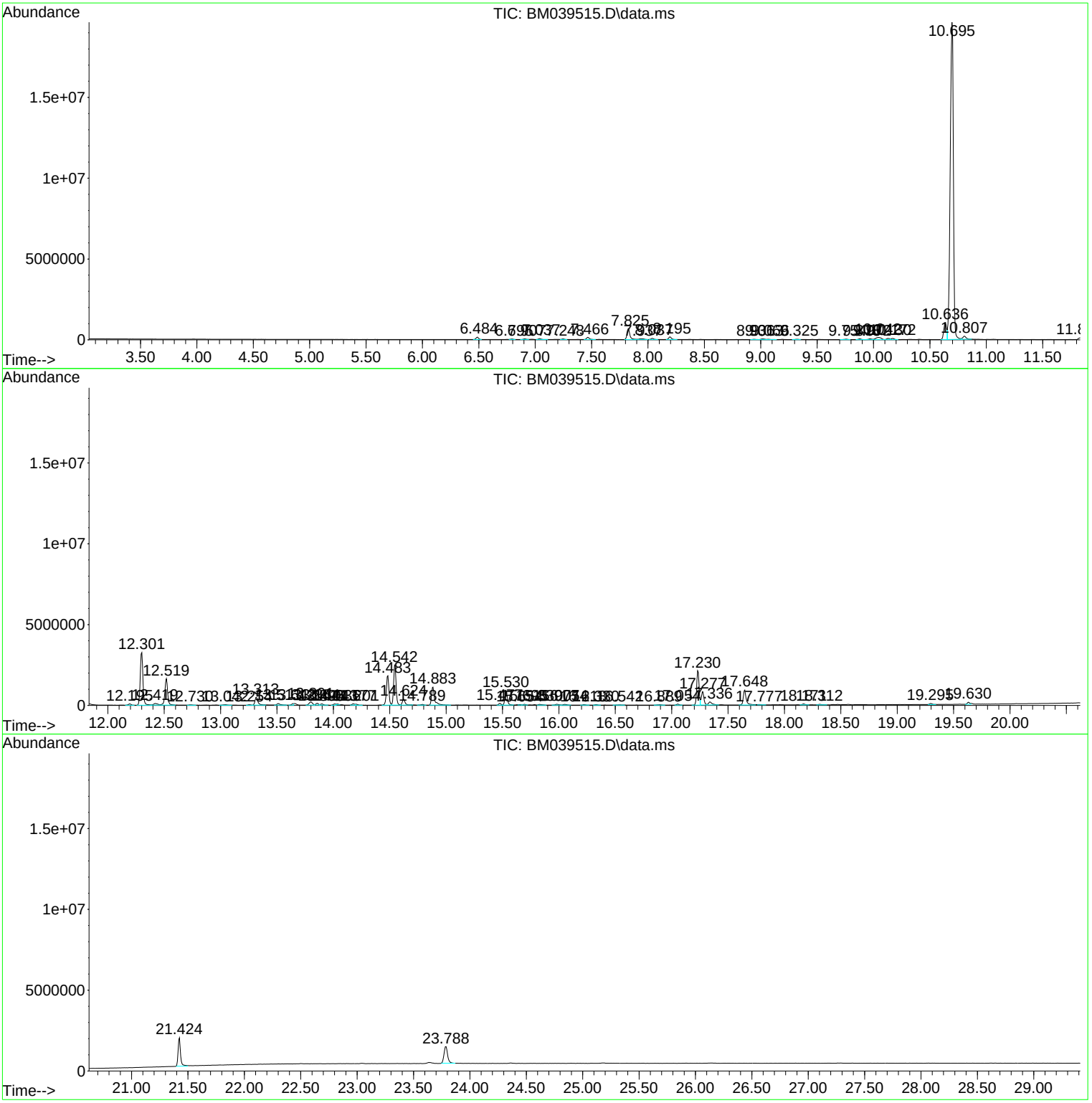
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

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\
Data File : BM039515.D
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ClientSampleId :
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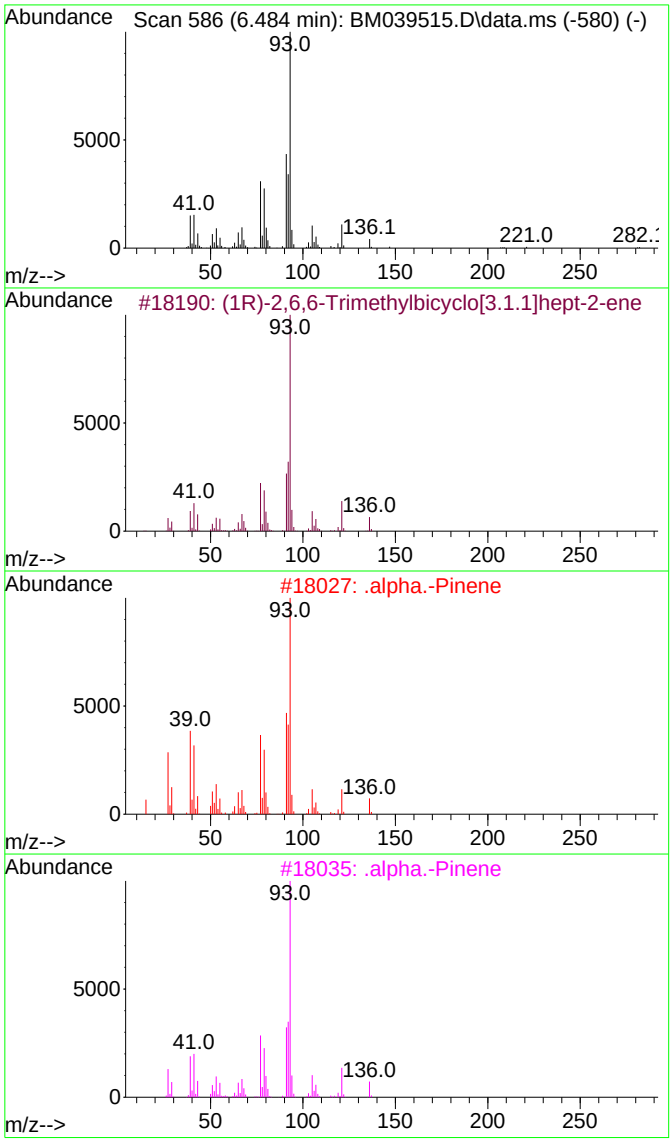
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

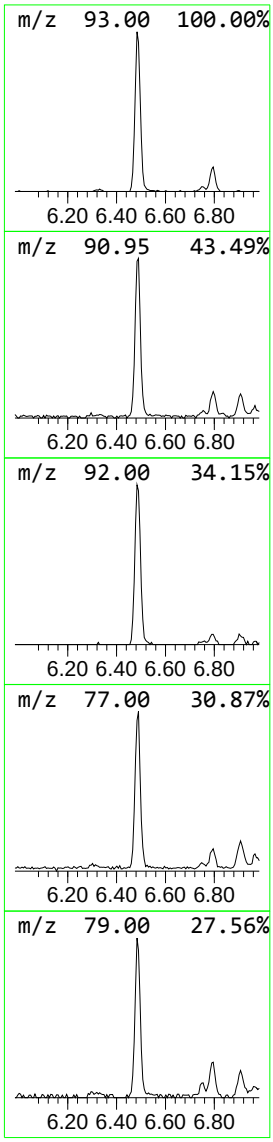
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.484	3.79 ng/ul	227494	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
5	3-Carene	136	C10H16	013466-78-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039515.D
Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

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

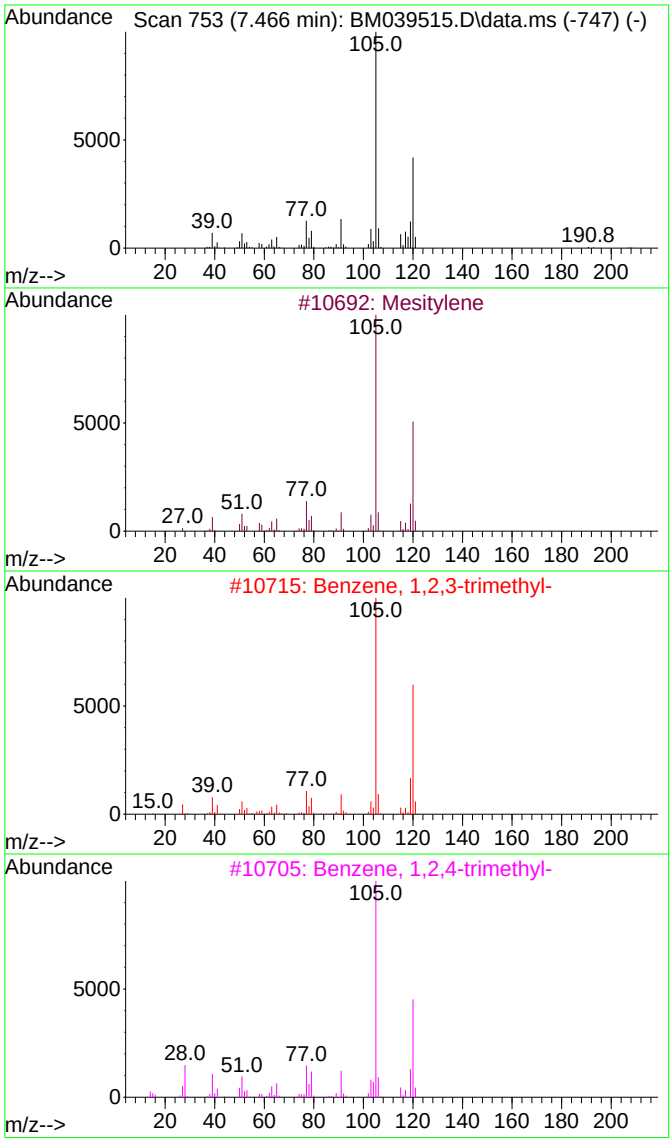
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

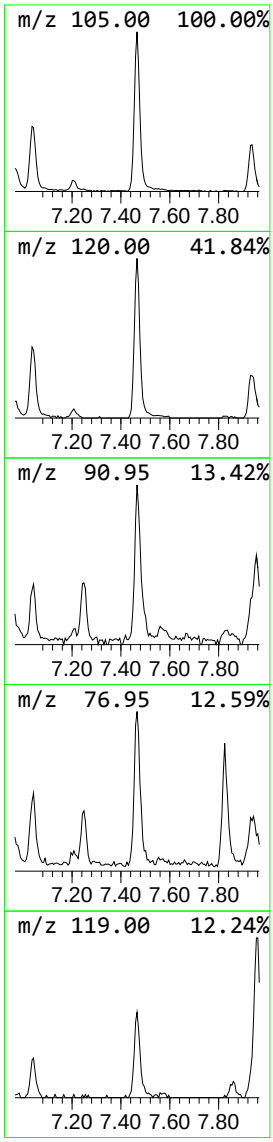
****

Peak Number 2 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.466	4.01 ng/ul	240664	1,4-Dichlorobenzene-d4	7.825

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039515.D
Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

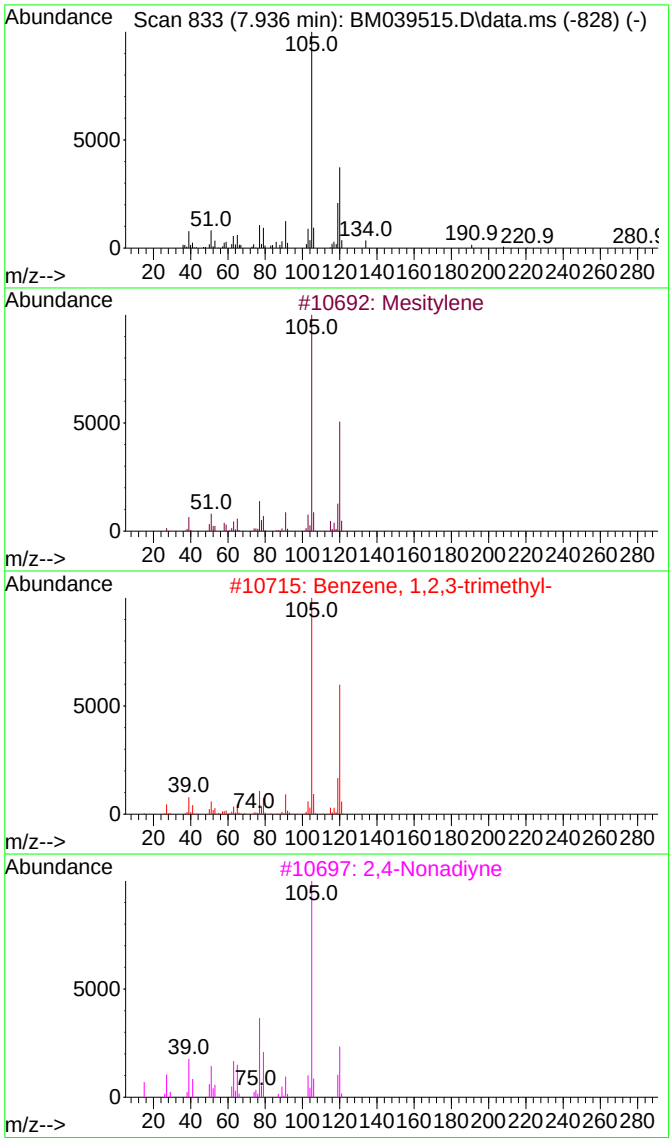
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

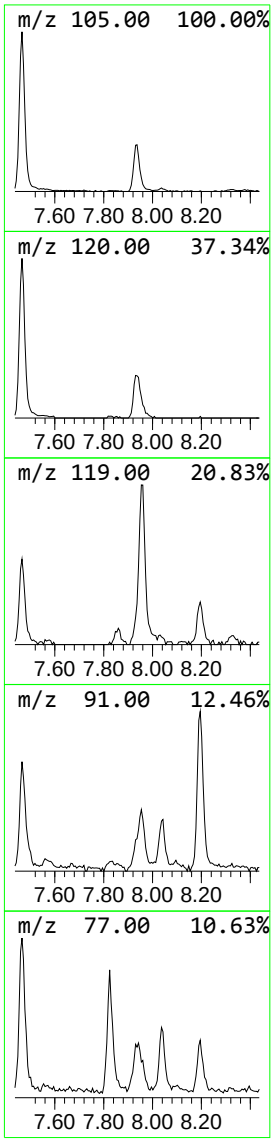
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.936	2.37 ng/ul	141899	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	87
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	2,4-Nonadiyne	120	C9H12	063621-15-8	87
4	Mesitylene	120	C9H12	000108-67-8	81
5	Mesitylene	120	C9H12	000108-67-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039515.D
Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

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

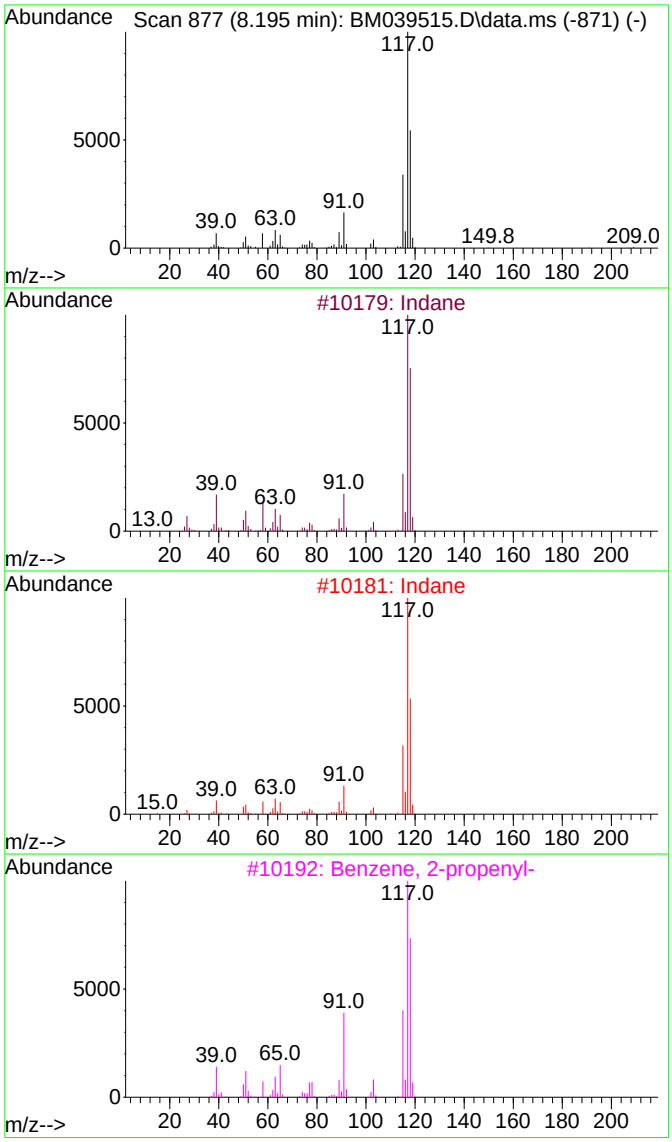
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

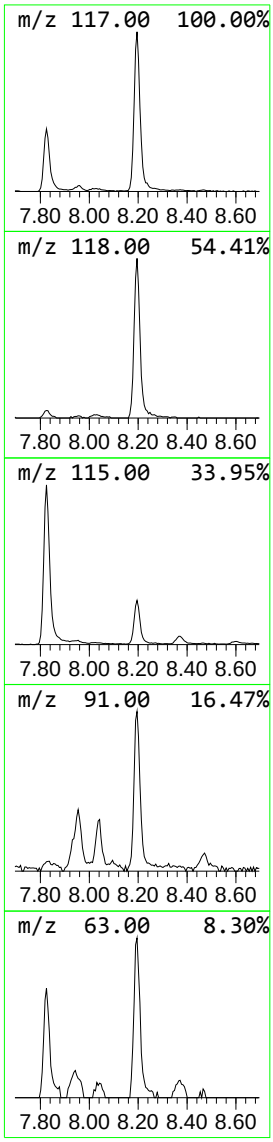
****

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.195	4.75 ng/ul	285012	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





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Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

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

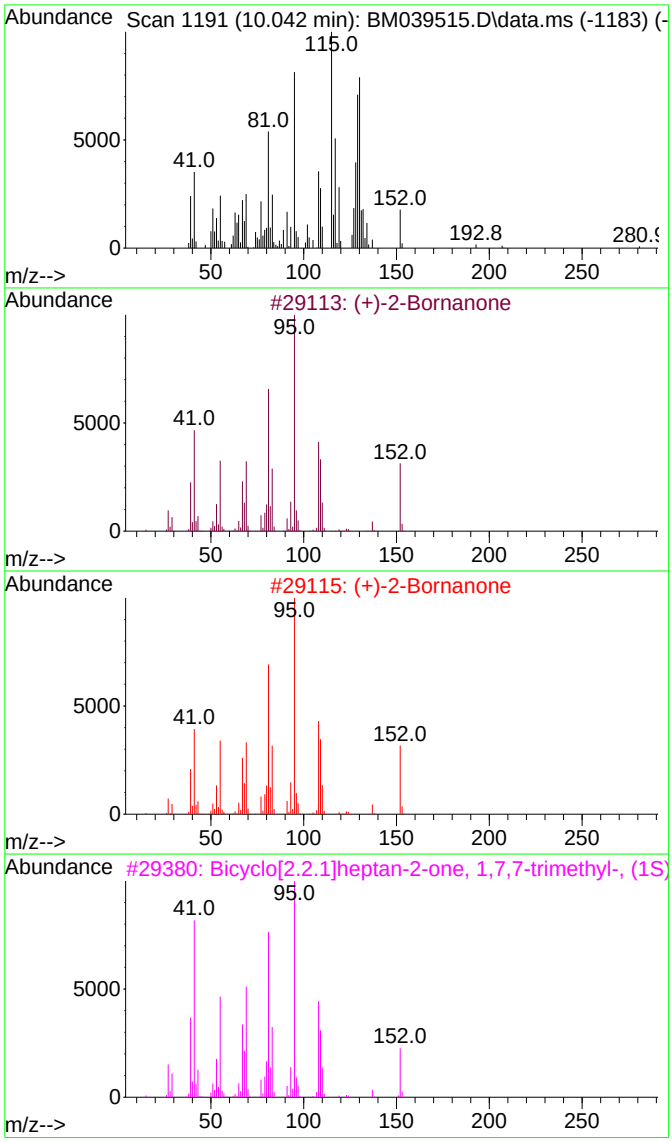
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

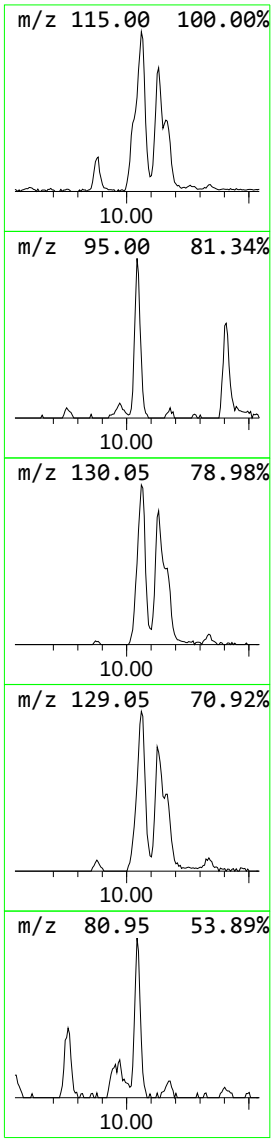
****

Peak Number 5 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.042	4.72 ng/ul	454870	Naphthalene-d8	10.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	91
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	91
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	90
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	90
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	90





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Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

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

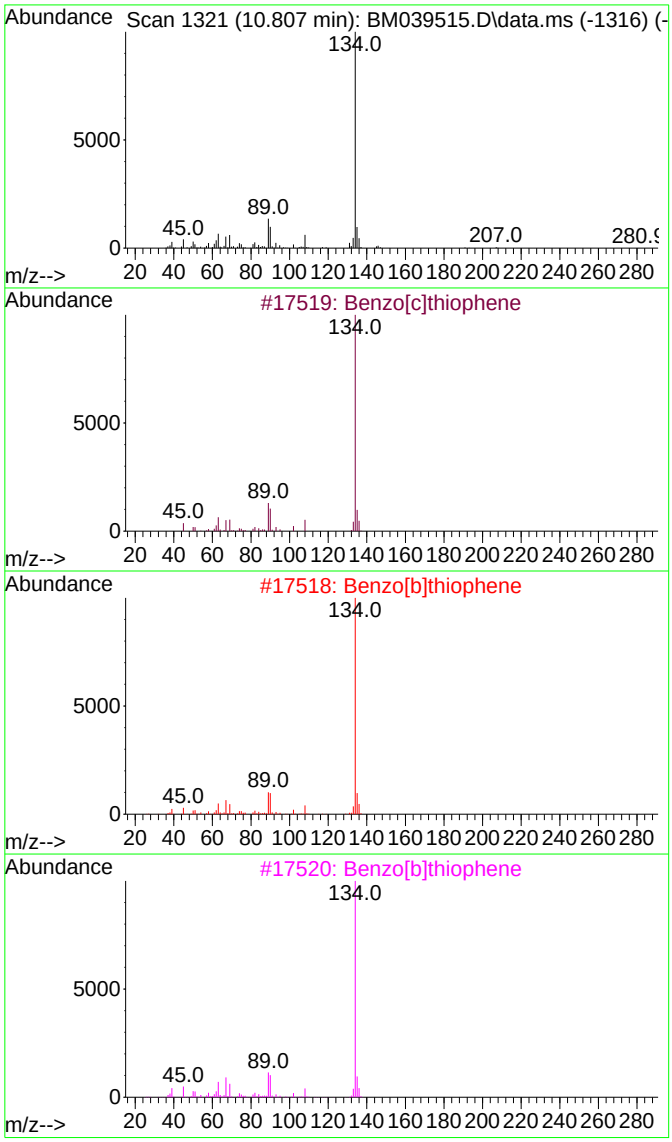
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

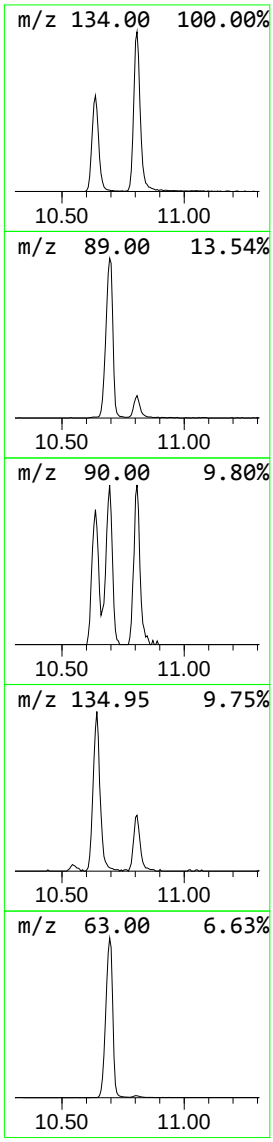
****

Peak Number 6 Benzo[c]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.807	4.20 ng/ul	405033	Naphthalene-d8	10.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039515.D
Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

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

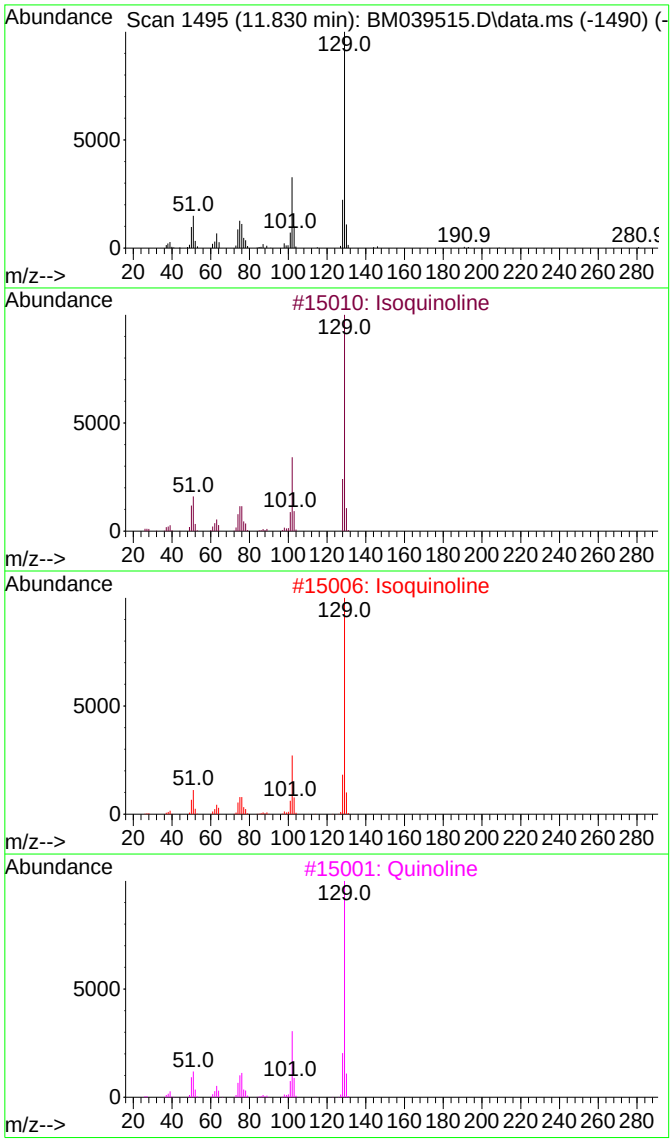
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

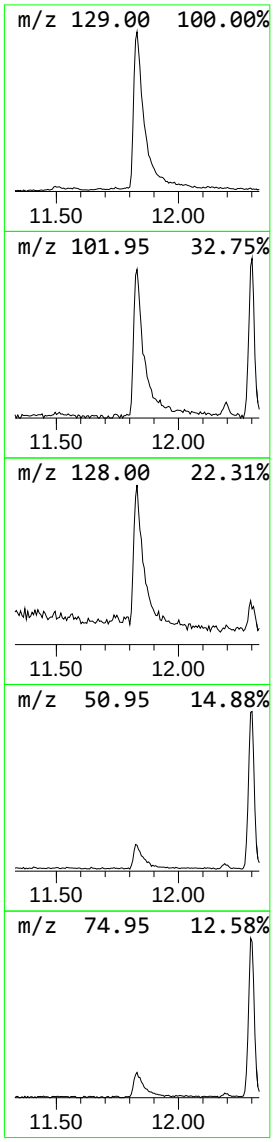
****

Peak Number 7 Isoquinoline Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.830	2.94 ng/ul	283825	Naphthalene-d8	10.636

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





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Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

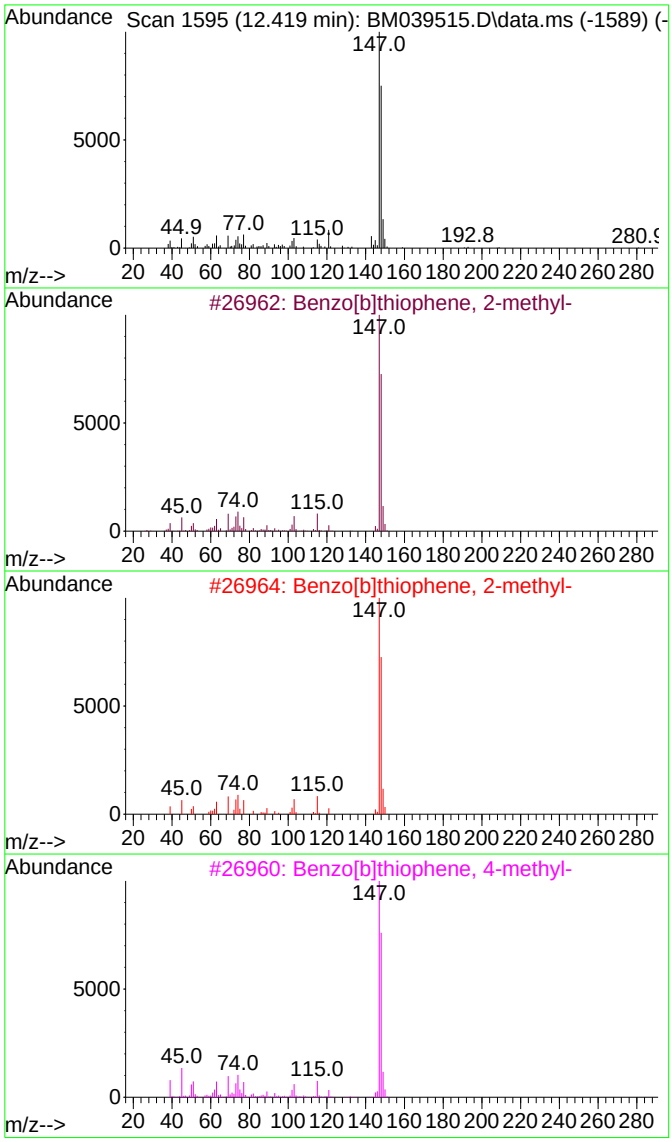
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

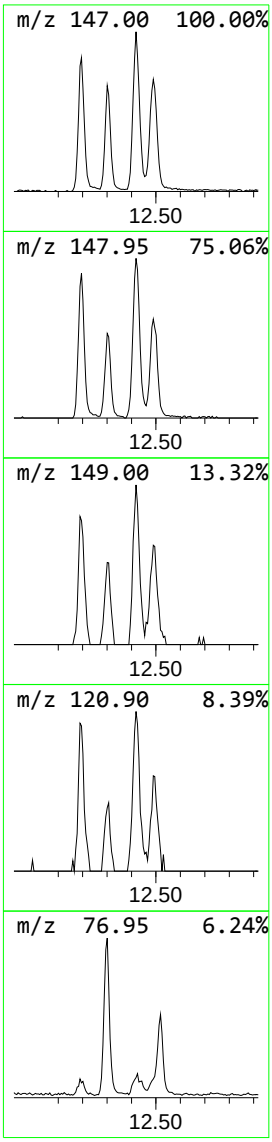
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]thiophene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.419	2.65 ng/ul	255647	Naphthalene-d8	10.636

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039515.D
Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

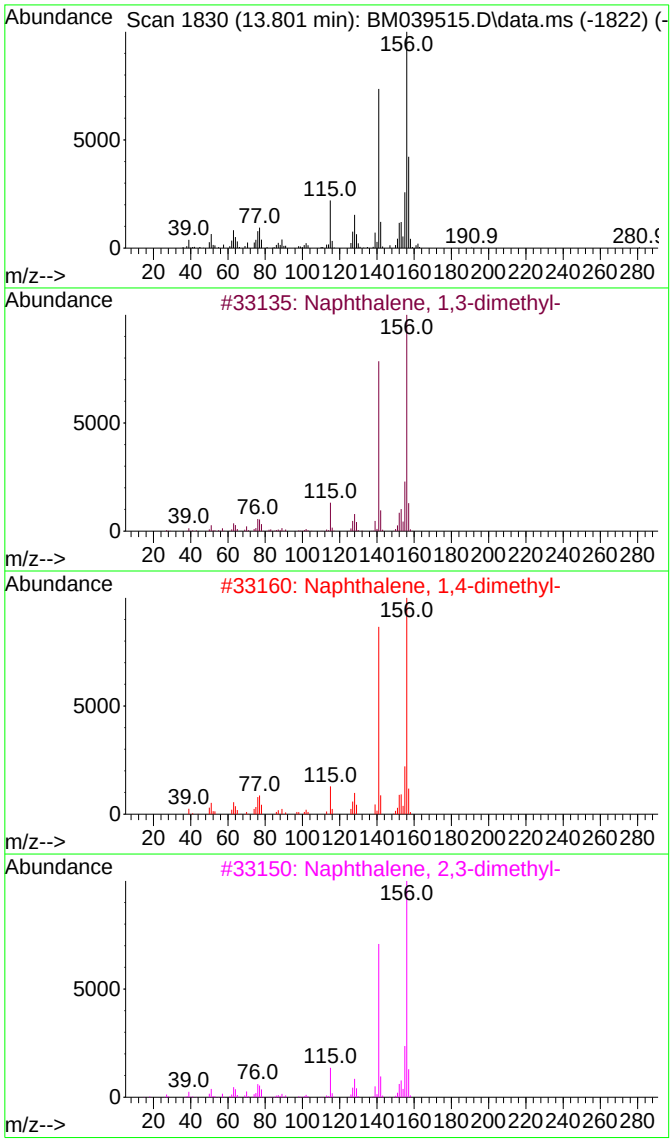
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

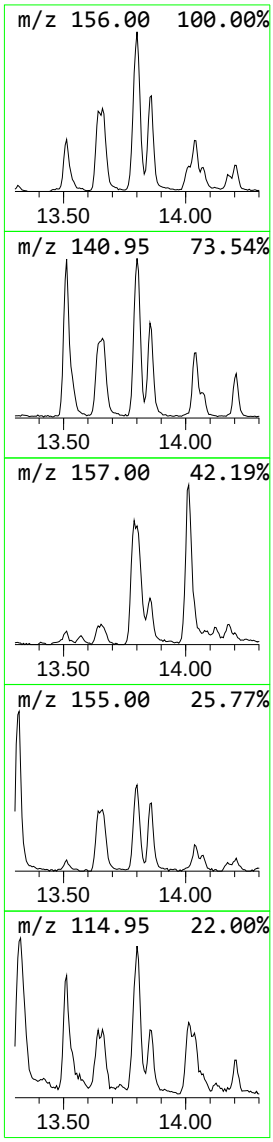
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.801	2.86 ng/ul	406173	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039515.D
Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

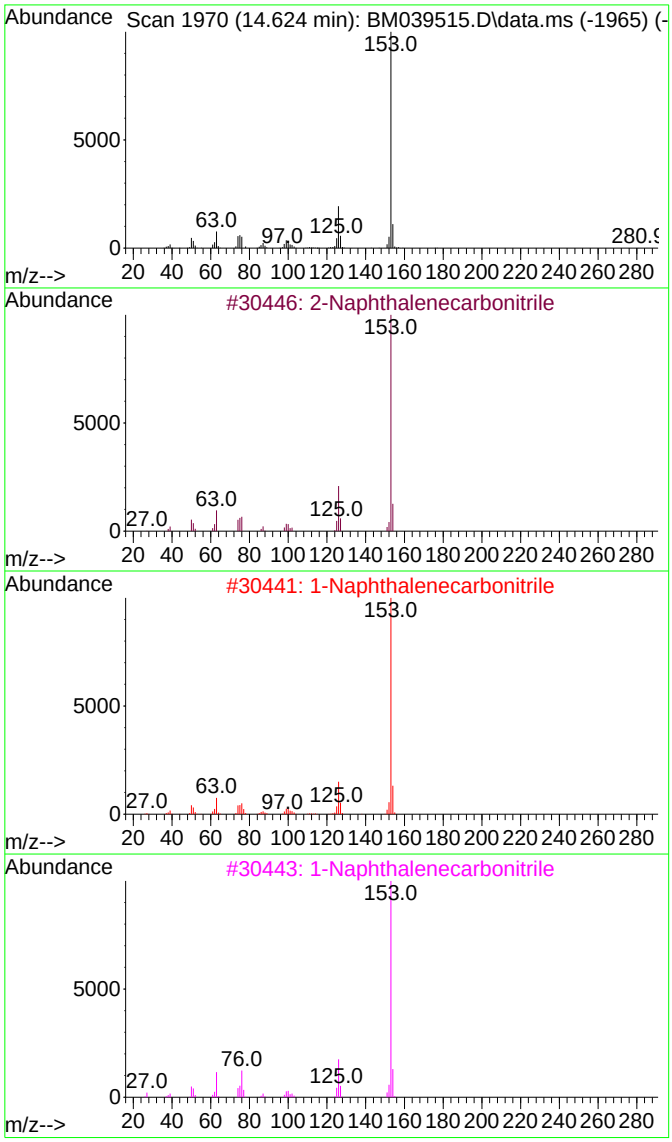
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

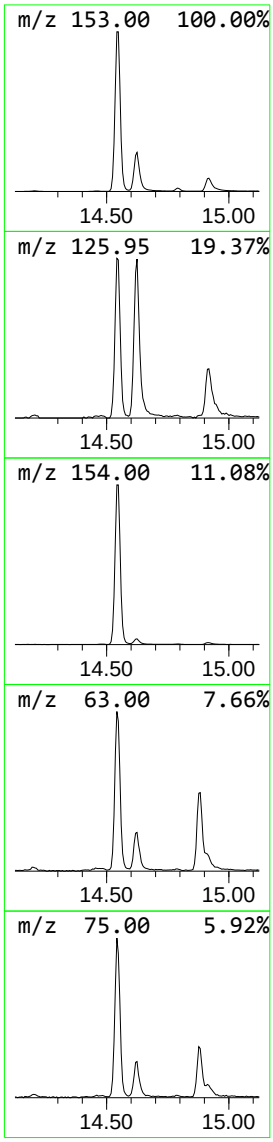
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Naphthalenecarbonitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.624	4.14 ng/ul	587441	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	93
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039515.D
Acq On : 20 Apr 2023 03:41
Operator : CG/JU
Sample : 02296-16DL2 30X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

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
(1R)-2,6,6-Trim...	6.484	3.8	ng/ul	227494	1	7.825	1199020	20.0
Mesitylene	7.466	4.0	ng/ul	240664	1	7.825	1199020	20.0
Benzene, 1,2,3-...	7.936	2.4	ng/ul	141899	1	7.825	1199020	20.0
Indane	8.195	4.8	ng/ul	285012	1	7.825	1199020	20.0
(+)-2-Bornanone	10.042	4.7	ng/ul	454870	2	10.636	1928570	20.0
Benzo[c]thiophene	10.807	4.2	ng/ul	405033	2	10.636	1928570	20.0
Isoquinoline	11.830	2.9	ng/ul	283825	2	10.636	1928570	20.0
Benzo[b]thiophe...	12.419	2.6	ng/ul	255647	2	10.636	1928570	20.0
Naphthalene, 1,...	13.801	2.9	ng/ul	406173	3	14.483	2835650	20.0
2-Naphthaleneca...	14.624	4.1	ng/ul	587441	3	14.483	2835650	20.0