LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034758.D
Acq On : 21 Apr 2022 22:17
Operator : CG/JU
Sample : N2473-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0JB1

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-BM042122.M
Title : SVOA CALIBRATION

Signal : TIC: BM034758.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	28	rVB	1229983	1666810	35.46%	3.604%
2	3.387	47	51	61	rVB	45879	70689	1.50%	0.153%
3	3.798	118	121	133	rBV	149053	220048	4.68%	0.476%
4	4.034	159	161	169	rVB6	8709	15115	0.32%	0.033%
5	4.134	175	178	183	rVB3	13403	19261	0.41%	0.042%
6	5.057	332	335	340	rBV4	6765	12028	0.26%	0.026%
7	6.963	654	659	666	rVB2	14284	23283	0.50%	0.050%
8	7.098	676	682	693	rVB	171796	282713	6.02%	0.611%
9	7.192	693	698	704	rVB7	3849	8538	0.18%	0.018%
10	7.275	706	712	725	rBV	584513	927186	19.73%	2.005%
11	7.475	738	746	757	rBV	673377	1048518	22.31%	2.267%
12	7.945	819	826	836	rBV	723904	1121091	23.85%	2.424%
13	8.092	848	851	856	rVB6	3649	5750	0.12%	0.012%
14	8.198	864	869	872	rBV6	6998	12645	0.27%	0.027%
15	8.645	938	945	953	rBV	505099	784144	16.68%	1.696%
16	9.098	1015	1022	1030	rBV	746374	1201307	25.56%	2.598%
17	9.563	1094	1101	1109	rBV2	58408	98217	2.09%	0.212%
18	9.828	1136	1146	1154	rBV	553616	910594	19.37%	1.969%
19	9.886	1154	1156	1162	rVB6	6089	7979	0.17%	0.017%
20	10.363	1230	1237	1248	rBV	845403	1354727	28.82%	2.930%
21	10.675	1283	1290	1293	rBV7	6062	10505	0.22%	0.023%
22	10.745	1295	1302	1311	rVB	878063	1510437	32.14%	3.266%
23	10.874	1317	1324	1337	rBV	766995	1300058	27.66%	2.811%
24	11.304	1390	1397	1403	rBV7	11608	23584	0.50%	0.051%
25	11.410	1410	1415	1419	rVB4	10477	15900	0.34%	0.034%
26	12.069	1523	1527	1531	rVB7	3470	5349	0.11%	0.012%
27	12.333	1567	1572	1578	rVB	20157	32009	0.68%	0.069%
28	12.551	1602	1609	1614	rBV4	12938	22723	0.48%	0.049%
29	12.692	1629	1633	1638	rBV6	3675	6205	0.13%	0.013%
30	13.204	1717	1720	1725	rVB5	6238	8268	0.18%	0.018%
31	13.386	1745	1751	1760	rVB	272441	404148	8.60%	0.874%
32	13.521	1769	1774	1778	rBV2	10874	16740	0.36%	0.036%
33	13.586	1778	1785	1793	rVB	174241	264001	5.62%	0.571%
34	13.768	1811	1816	1820	rVB7	3234	5144	0.11%	0.011%
35	13.986	1846	1853	1859	rBV	1770396	2358630	50.18%	5.101%
36	14.268	1891	1901	1908	rBV	1808880	2626042	55.87%	5.679%

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Instrument :
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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
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-BM042122.M
Title : SVOA CALIBRATION

37	14.333	1908	1912	1917	rVB5	42270	66729	1.42%	0.144%
38	14.410	1922	1925	1929	rVV6	3622	5878	0.13%	0.013%
39	14.468	1929	1935	1943	rVV2	13776	26511	0.56%	0.057%
40	14.574	1943	1953	1961	rVV	1401006	2032466	43.24%	4.395%
41	14.639	1961	1964	1969	rVB6	10757	16030	0.34%	0.035%
42	14.751	1976	1983	1991	rBV2	162128	238012	5.06%	0.515%
43	15.121	2040	2046	2051	rBV9	2606	5064	0.11%	0.011%
44	15.392	2087	2092	2097	rVB4	10936	16584	0.35%	0.036%
45	15.568	2115	2122	2132	rBV	2440822	3511193	74.70%	7.593%
46	15.674	2134	2140	2153	rVV	757225	1012385	21.54%	2.189%
47	15.804	2157	2162	2168	rVB3	30008	46111	0.98%	0.100%
48	16.351	2251	2255	2263	rVB7	10517	19566	0.42%	0.042%
49	16.856	2336	2341	2344	rBV5	3795	5706	0.12%	0.012%
50	16.992	2362	2364	2370	rVB6	5181	7150	0.15%	0.015%
51	17.104	2377	2383	2386	rBV2	6980	12576	0.27%	0.027%
52	17.315	2413	2419	2427	rBV	1635011	2265700	48.21%	4.900%
53	17.415	2429	2436	2448	rBV	2863904	3995314	85.00%	8.640%
54	18.215	2569	2572	2577	rBV3	40210	51906	1.10%	0.112%
55	18.280	2579	2583	2589	rVB6	8549	15768	0.34%	0.034%
56	19.080	2715	2719	2724	rBV7	14510	19480	0.41%	0.042%
57	19.268	2747	2751	2758	rBV2	34978	50861	1.08%	0.110%
58	19.339	2759	2763	2766	rBV	38867	54735	1.16%	0.118%
59	19.492	2786	2789	2794	rBV6	29677	36764	0.78%	0.080%
60	19.703	2819	2825	2831	rBV	3373930	4533882	96.46%	9.805%
61	21.486	3123	3128	3135	rBV	1901087	2489748	52.97%	5.384%
62	23.732	3503	3510	3519	rVB2	2456395	4700113	100.00%	10.164%
63	23.885	3530	3536	3547	rVB2	1319066	2605995	55.45%	5.635%

Sum of corrected areas: 46242613

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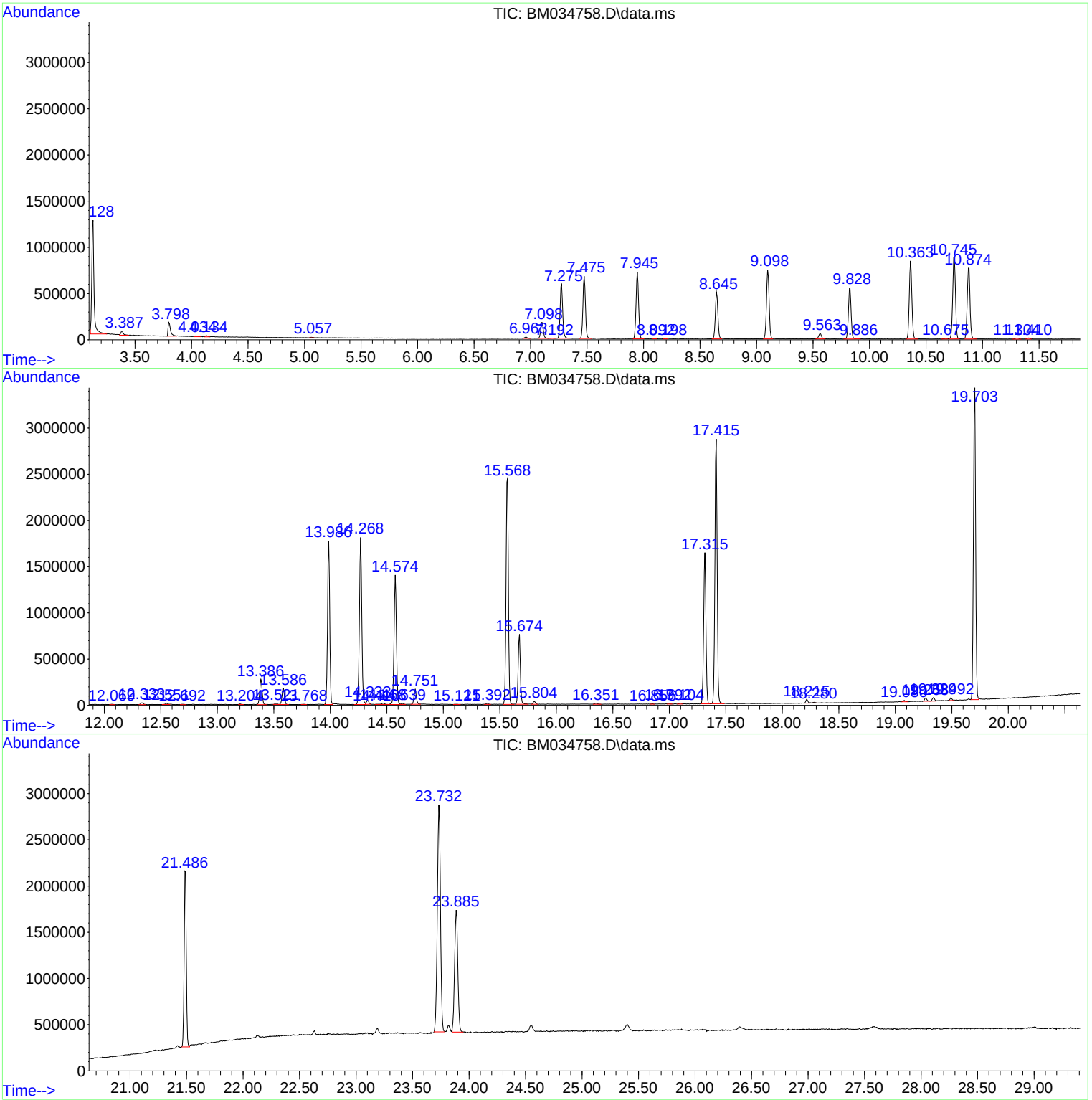
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

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



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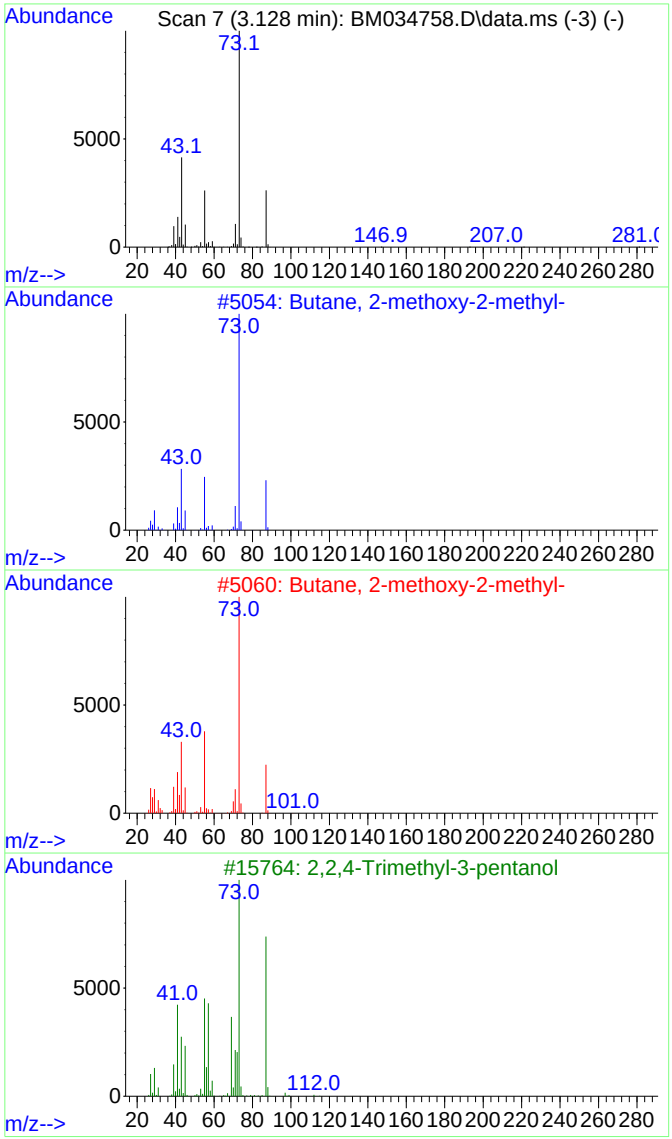
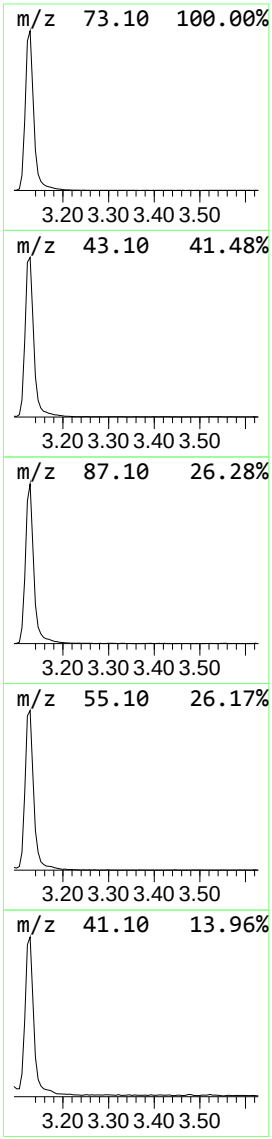
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	29.74 ng/ul	1666810	1,4-Dichlorobenzene-d4	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Instrument :
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ClientSampleId :
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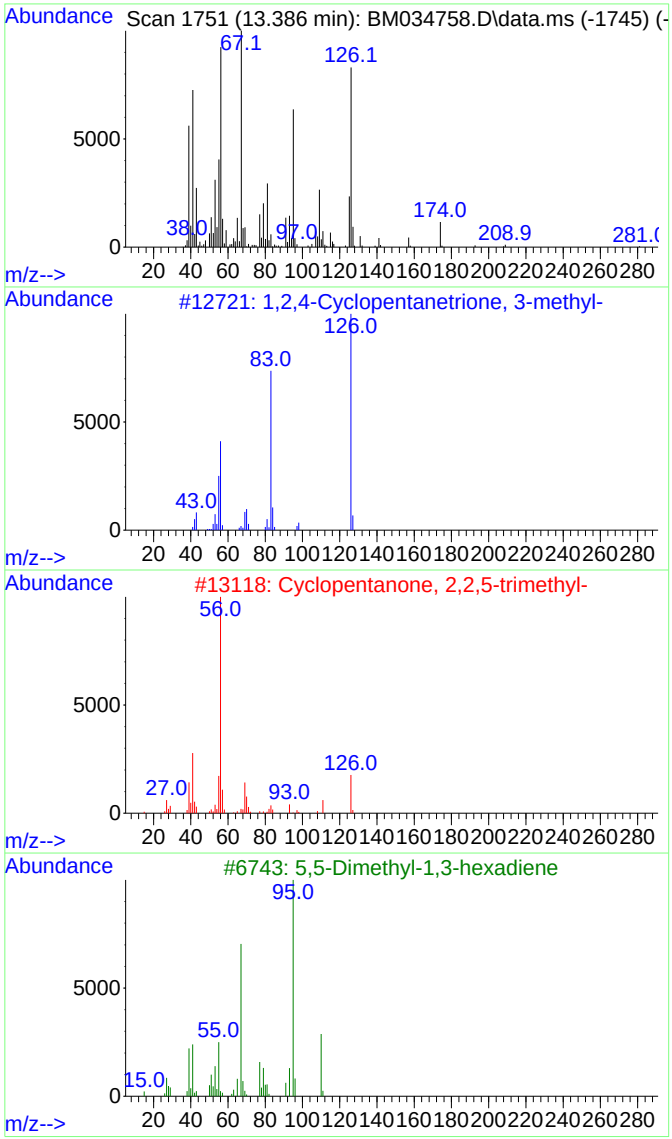
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

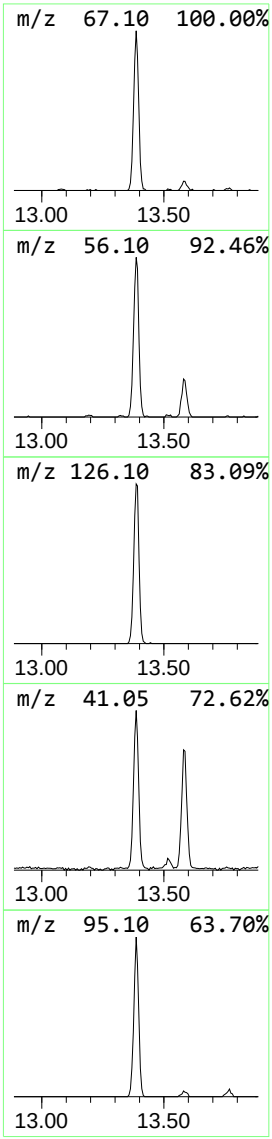
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.386	3.98 ng/ul	404148	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Cyclopentanetrione, 3-methyl-	126	C6H6O3	004505-54-8	35
2	Cyclopentanone, 2,2,5-trimethyl-	126	C8H14O	004573-09-5	35
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	27
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	22
5	5-Methylfuran-2-carboxylic acid	126	C6H6O3	001917-15-3	22





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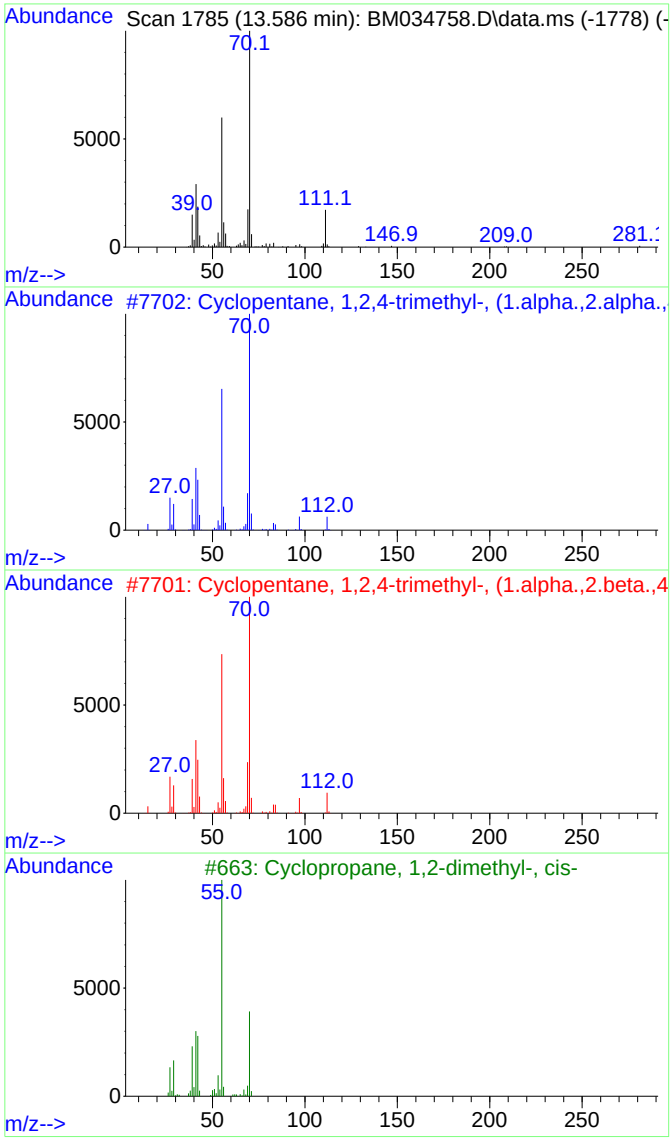
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

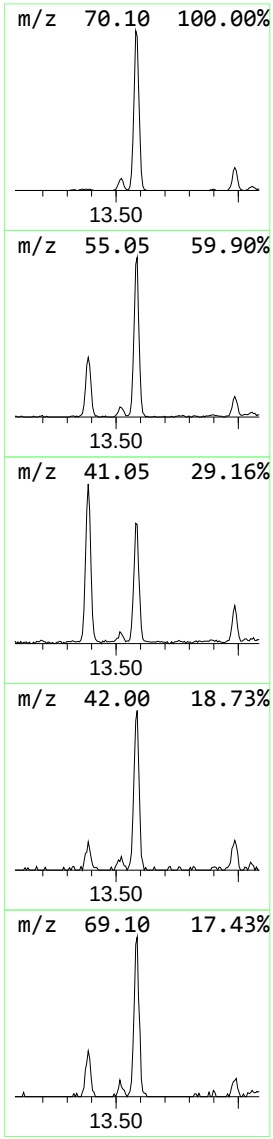
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic13.586 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.586	2.60 ng/ul	264001	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	72
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	72
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	64
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59
5	3,3-Dimethyl-1,2-epoxybutane	100	C6H12O	002245-30-9	59





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.128	29.7	ng/ul	1666810	1	7.945	1121090	20.0
unknown-01	13.386	4.0	ng/ul	404148	3	14.574	2032470	20.0
(DEL) Alkane: C...	13.586	2.6	ng/ul	264001	3	14.574	2032470	20.0