LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050118\
Data File : BM014904.D
Acq On : 02 May 2018 02:27
Operator : SJ/JU
Sample : J2638-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	4	9	17	rVB	971439	1401514	18.77%	1.734%
2	3.646	56	61	68	rVB	132528	190891	2.56%	0.236%
3	5.481	369	373	383	rVB	150758	229304	3.07%	0.284%
4	7.622	730	737	748	rBV	377972	676308	9.06%	0.837%
5	7.798	760	767	780	rBV	1393464	2188524	29.31%	2.708%
6	8.016	797	804	814	rBV	1443015	2403590	32.19%	2.974%
7	8.498	879	886	898	rVB	1450667	2417366	32.38%	2.991%
8	9.193	995	1004	1017	rBV	1014070	1656529	22.19%	2.049%
9	9.675	1079	1086	1095	rBV	1631716	2772042	37.13%	3.429%
10	10.404	1203	1210	1226	rBV	1297750	2169365	29.05%	2.684%
11	10.945	1295	1302	1317	rBV	1843863	3107307	41.62%	3.844%
12	11.339	1361	1369	1381	rBV	1906183	3268104	43.77%	4.043%
13	11.463	1384	1390	1400	rBV	54746	102933	1.38%	0.127%
14	14.492	1895	1905	1910	rBV	3108574	4323593	57.91%	5.349%
15	14.539	1910	1913	1919	rVB	162915	215431	2.89%	0.267%
16	14.798	1950	1957	1971	rBV	3489589	5379974	72.05%	6.656%
17	14.951	1978	1983	1988	rVB	82319	104630	1.40%	0.129%
18	15.104	2002	2009	2017	rBV2	2367240	3780853	50.64%	4.677%
19	15.257	2030	2035	2051	rBV	207215	384229	5.15%	0.475%
20	15.892	2138	2143	2147	rVB	114015	143395	1.92%	0.177%
21	16.080	2168	2175	2185	rBV	4333461	6364967	85.25%	7.874%
22	16.180	2185	2192	2204	rVV	1311776	1842854	24.68%	2.280%
23	16.316	2204	2215	2221	rVB2	53695	142254	1.91%	0.176%
24	16.739	2283	2287	2297	rBV	103888	166018	2.22%	0.205%
25	17.815	2463	2470	2479	rBV	2983006	4201688	56.27%	5.198%
26	17.910	2480	2486	2496	rBV	4626744	6525213	87.39%	8.073%
27	18.639	2605	2610	2619	rBV2	252889	349009	4.67%	0.432%
28	19.880	2817	2821	2827	rBV2	119467	163664	2.19%	0.202%
29	20.151	2861	2867	2875	rBV	5288056	7050053	94.42%	8.722%
30	21.562	3103	3107	3116	rBV2	385208	589632	7.90%	0.729%
31	21.903	3159	3165	3172	rBV	3322158	4541665	60.83%	5.619%
32	24.221	3552	3559	3569	rVB	3727615	7466661	100.00%	9.237%
33	24.380	3579	3586	3595	rVB	2143637	4511992	60.43%	5.582%

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Instrument : BNA_M
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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Title : SVOA CALIBRATION

Sum of corrected areas: 80831552

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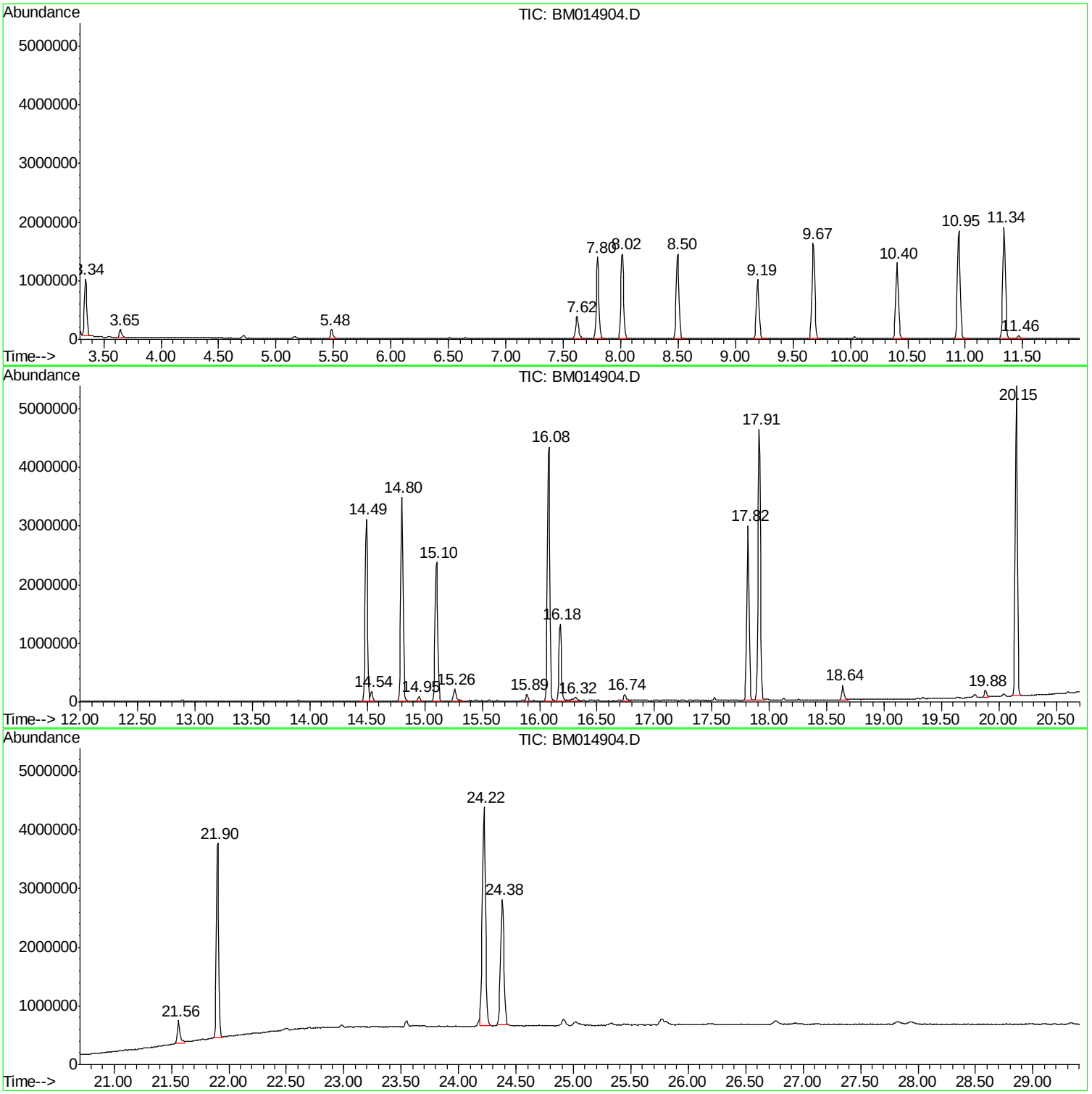
Instrument :
BNA_M
ClientSampleId :
C0AA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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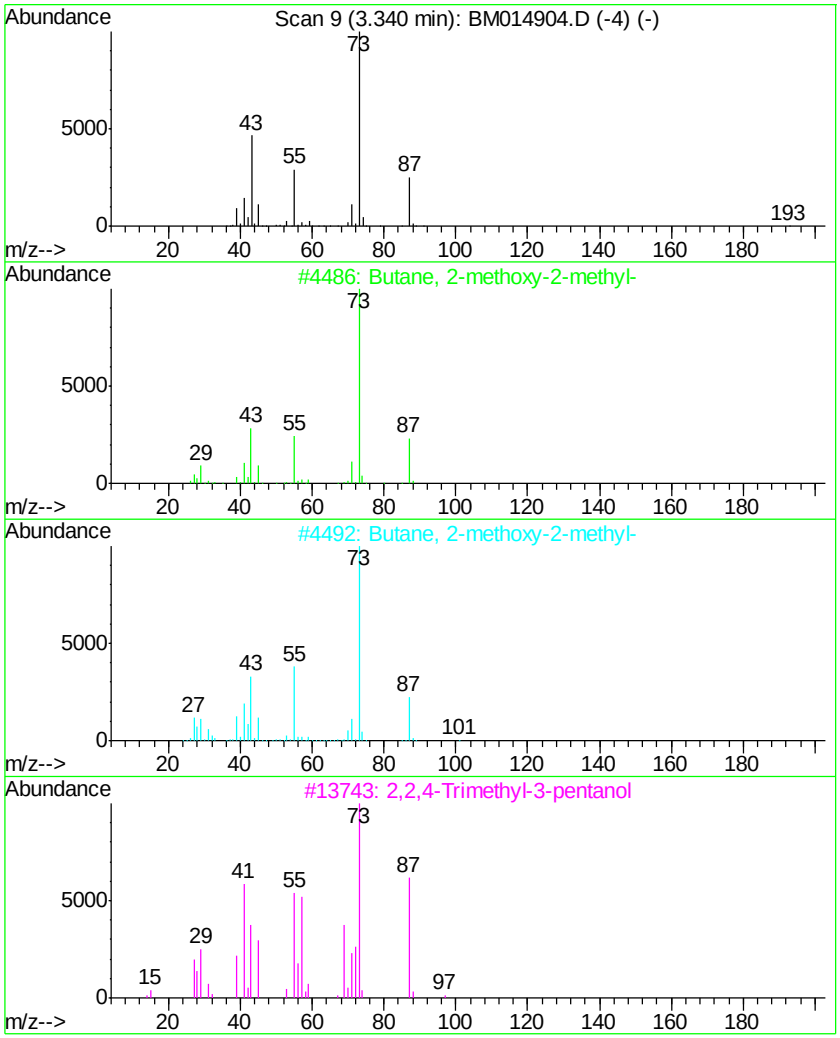
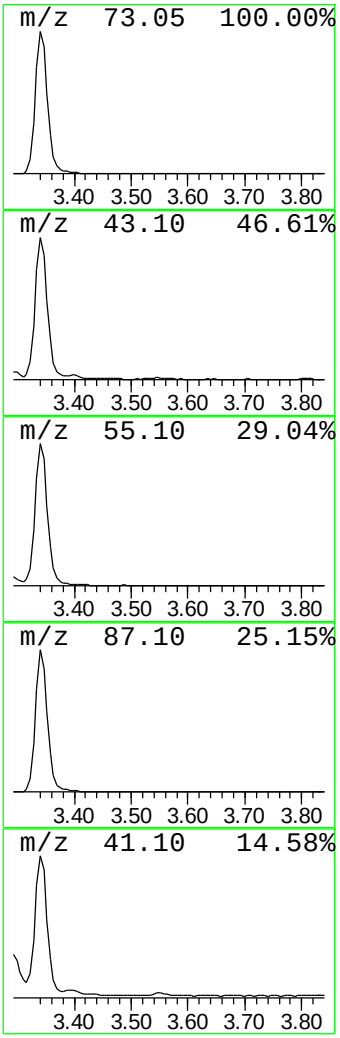
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	11.60 ng/ul	1401510	1,4-Dichlorobenzene-d4	8.50

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25





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Quant Title : SVOA CALIBRATION

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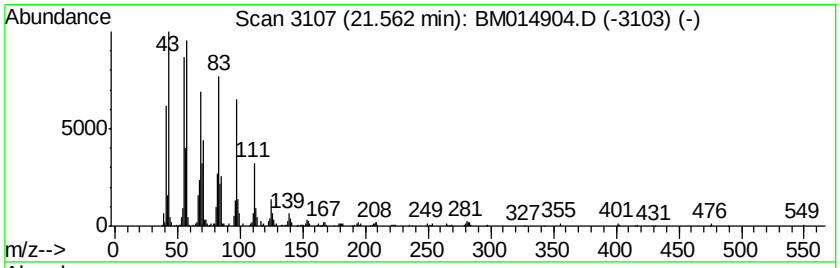
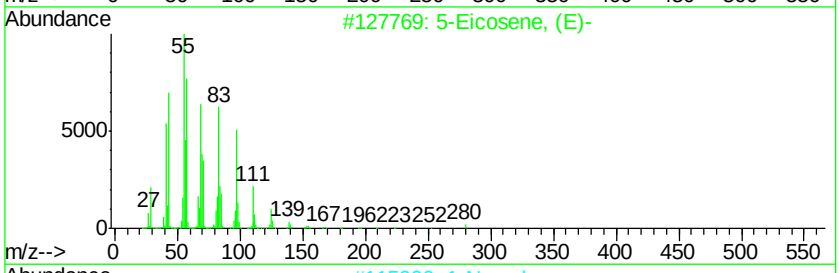
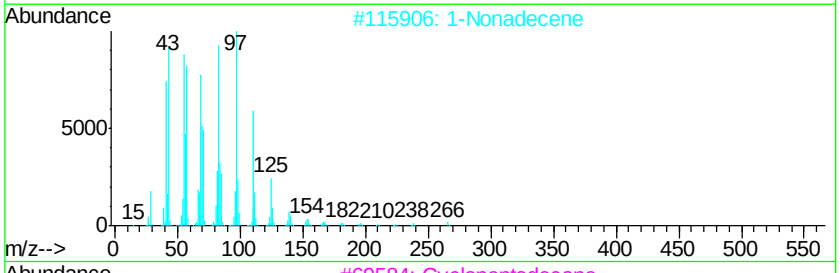
Peak Number 2 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

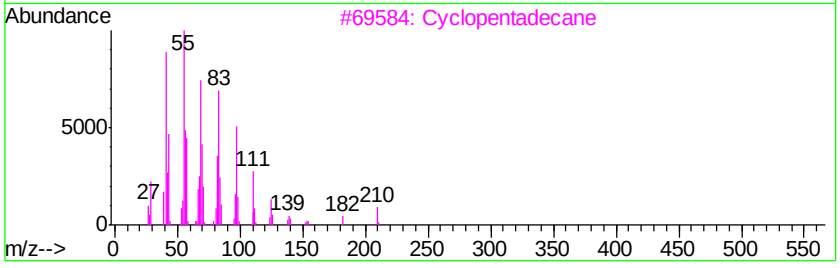
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	2.60 ng/ul	589632	Chrysene-d12	21.90

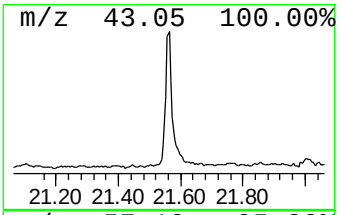
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	Cyclopentadecane	210	C15H30	000295-48-7	96
4	1-Nonadecene	266	C19H38	018435-45-5	95
5	Cyclotetracosane	336	C24H48	000297-03-0	95

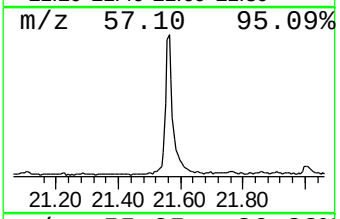


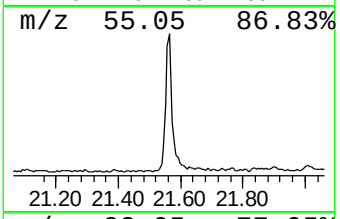


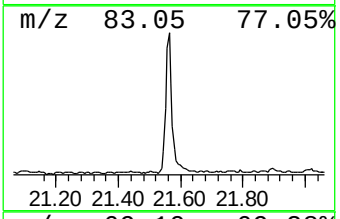


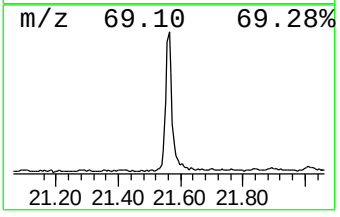












Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.34	11.6	ng/ul	1401510	1	8.50	2417370	20.0
(DEL) Alkane: Cyc...	21.56	2.6	ng/ul	589632	5	21.90	4541670	20.0