LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011582.D
Acq On : 18 Sep 2017 23:02
Operator : SJ/JU
Sample : I5234-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL0

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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	3.393	14	18	29	rBV	112756	166540	1.57%	0.161%
2	5.275	332	338	348	rBV	225118	378618	3.57%	0.366%
3	6.181	488	492	496	rBV6	10536	18286	0.17%	0.018%
4	7.116	645	651	670	rBV	345494	623836	5.89%	0.603%
5	7.293	674	681	695	rBV	1521004	2466092	23.27%	2.384%
6	7.387	695	697	704	rVB7	10679	18908	0.18%	0.018%
7	7.498	709	716	733	rBV	1422535	2438639	23.01%	2.357%
8	7.857	773	777	784	rVB7	6494	12687	0.12%	0.012%
9	7.969	788	796	811	rBV	1306442	2459742	23.21%	2.378%
10	8.328	848	857	865	rBV	98372	175083	1.65%	0.169%
11	8.663	907	914	934	rBV	1077313	1835593	17.32%	1.774%
12	9.134	986	994	1011	rBV	1843323	3182780	30.04%	3.076%
13	9.587	1063	1071	1081	rVB	453548	779839	7.36%	0.754%
14	9.851	1109	1116	1130	rBV	1396671	2448000	23.10%	2.366%
15	10.010	1139	1143	1149	rVB8	10178	18782	0.18%	0.018%
16	10.387	1200	1207	1225	rBV	1896867	3468741	32.74%	3.353%
17	10.634	1242	1249	1255	rBV4	25420	48117	0.45%	0.047%
18	10.698	1255	1260	1265	rVV2	38802	71291	0.67%	0.069%
19	10.775	1266	1273	1284	rVB	1943920	3299201	31.14%	3.189%
20	10.922	1291	1298	1310	rVB3	34105	87171	0.82%	0.084%
21	11.328	1360	1367	1377	rBV2	93604	176399	1.66%	0.171%
22	11.428	1377	1384	1390	rBV2	63371	108049	1.02%	0.104%
23	11.939	1466	1471	1475	rBV3	15470	23511	0.22%	0.023%
24	12.363	1537	1543	1548	rBV2	23429	43989	0.42%	0.043%
25	12.498	1563	1566	1573	rVB5	8653	15651	0.15%	0.015%
26	12.581	1573	1580	1584	rBV	37547	72734	0.69%	0.070%
27	12.616	1584	1586	1593	rVB4	18056	23410	0.22%	0.023%
28	12.710	1596	1602	1607	rBV4	17061	27966	0.26%	0.027%
29	12.957	1639	1644	1648	rBV2	16746	22499	0.21%	0.022%
30	13.198	1680	1685	1691	rBV5	17523	31737	0.30%	0.031%
31	13.410	1714	1721	1730	rBV	1098740	1650281	15.57%	1.595%
32	13.539	1737	1743	1749	rBV2	28734	44764	0.42%	0.043%
33	13.610	1749	1755	1764	rBV	632994	992299	9.36%	0.959%
34	13.792	1778	1786	1790	rVB6	10229	18723	0.18%	0.018%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011582.D
Acq On : 18 Sep 2017 23:02
Operator : SJ/JU
Sample : I5234-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL0

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Title : SVOA CALIBRATION

35	13.916	1803	1807	1813	rBV6	7202	15538	0.15%	0.015%
36	14.004	1815	1822	1834	rBV	4115456	6049926	57.10%	5.848%
37	14.292	1864	1871	1878	rBV	4459953	6828249	64.44%	6.600%
38	14.351	1878	1881	1890	rVB2	140386	225426	2.13%	0.218%
39	14.492	1900	1905	1913	rVB2	40010	66860	0.63%	0.065%
40	14.598	1913	1923	1936	rVB2	2799588	4440231	41.90%	4.292%
41	14.786	1949	1955	1964	rBV	148567	318416	3.00%	0.308%
42	15.380	2052	2056	2058	rBV3	8986	10977	0.10%	0.011%
43	15.586	2082	2091	2101	rBV	6072251	8695491	82.06%	8.405%
44	15.698	2103	2110	2127	rVV	1981796	2736752	25.83%	2.645%
45	15.827	2127	2132	2139	rVB2	62516	108162	1.02%	0.105%
46	17.127	2351	2353	2358	rVB4	9813	12568	0.12%	0.012%
47	17.339	2382	2389	2398	rBV2	3614507	4982563	47.02%	4.816%
48	17.439	2399	2406	2425	rVB	6406529	9394145	88.66%	9.080%
49	17.604	2430	2434	2441	rVB5	8713	16307	0.15%	0.016%
50	18.210	2532	2537	2544	rBV3	45387	81745	0.77%	0.079%
51	18.298	2547	2552	2560	rVB3	23964	61346	0.58%	0.059%
52	19.292	2717	2721	2725	rVB6	21492	28572	0.27%	0.028%
53	19.357	2727	2732	2737	rBV2	66647	112801	1.06%	0.109%
54	19.480	2749	2753	2758	rBV3	91415	127412	1.20%	0.123%
55	19.609	2771	2775	2781	rBV2	57878	104288	0.98%	0.101%
56	19.721	2788	2794	2803	rBV	8241200	10596209	100.00%	10.242%
57	21.503	3091	3097	3103	rBV	4130824	5361169	50.60%	5.182%
58	23.721	3466	3474	3489	rBV2	4809054	9551665	90.14%	9.232%
59	23.874	3493	3500	3511	rVB	2364185	4673736	44.11%	4.517%
60	24.409	3586	3591	3602	rVB	358596	717254	6.77%	0.693%
61	25.215	3723	3728	3738	rVB	371970	890868	8.41%	0.861%

Sum of corrected areas: 103458634

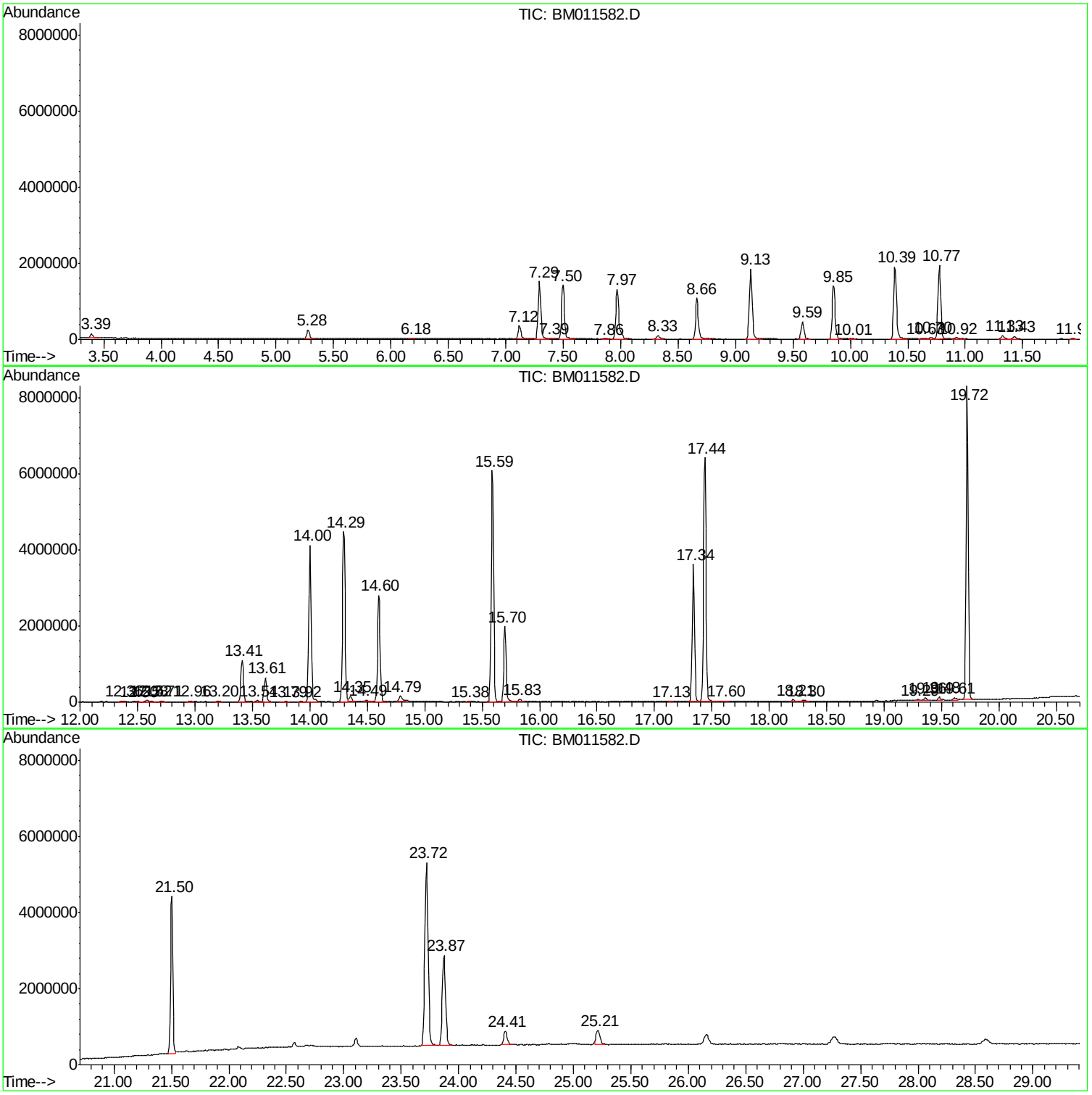
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011582.D
Acq On : 18 Sep 2017 23:02
Operator : SJ/JU
Sample : I5234-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011582.D
Acq On : 18 Sep 2017 23:02
Operator : SJ/JU
Sample : I5234-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

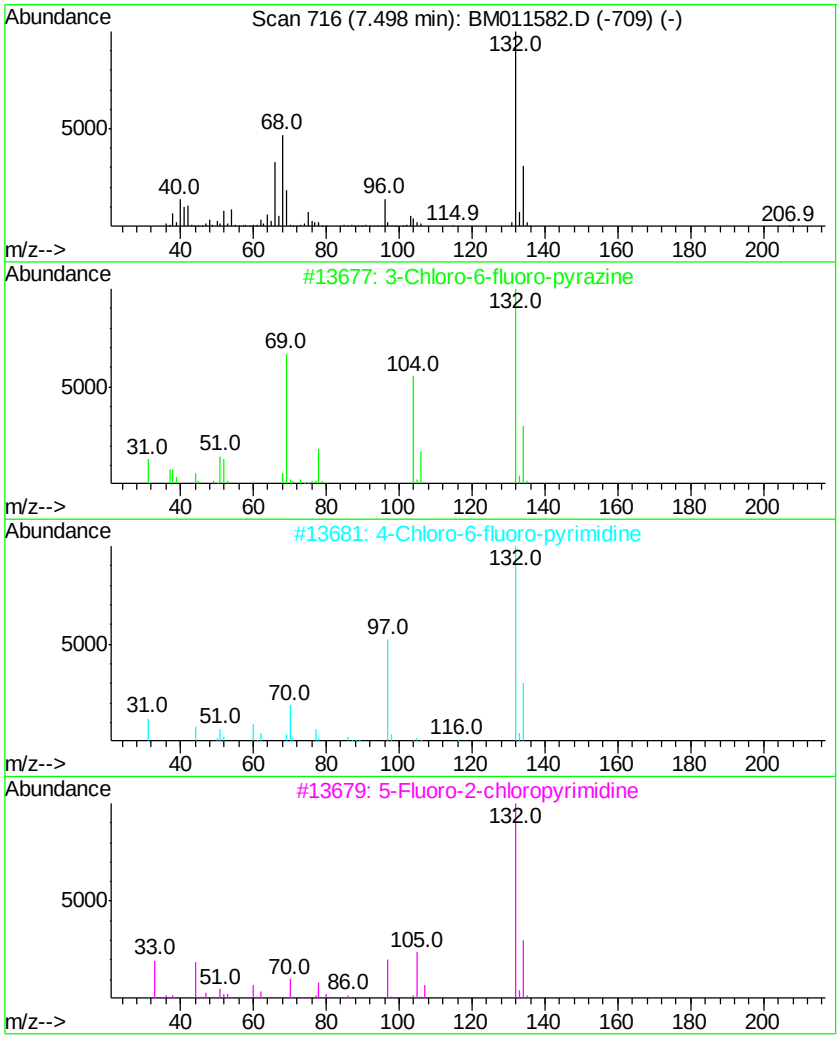
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

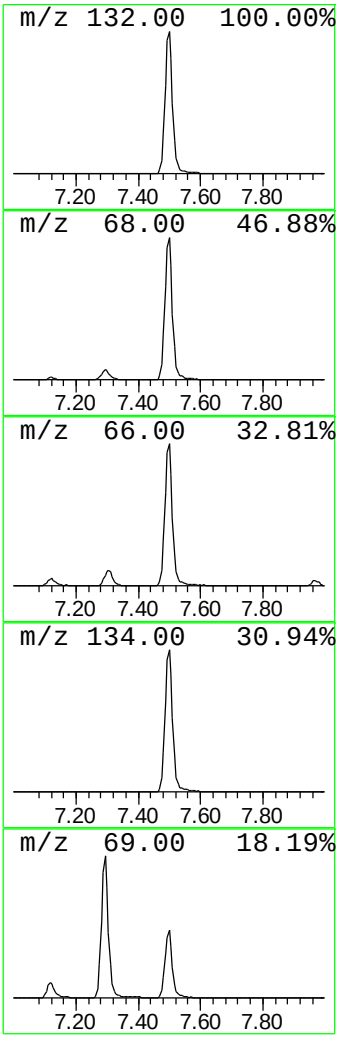
****

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	19.83 ng/ul	2438640	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011582.D
Acq On : 18 Sep 2017 23:02
Operator : SJ/JU
Sample : I5234-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

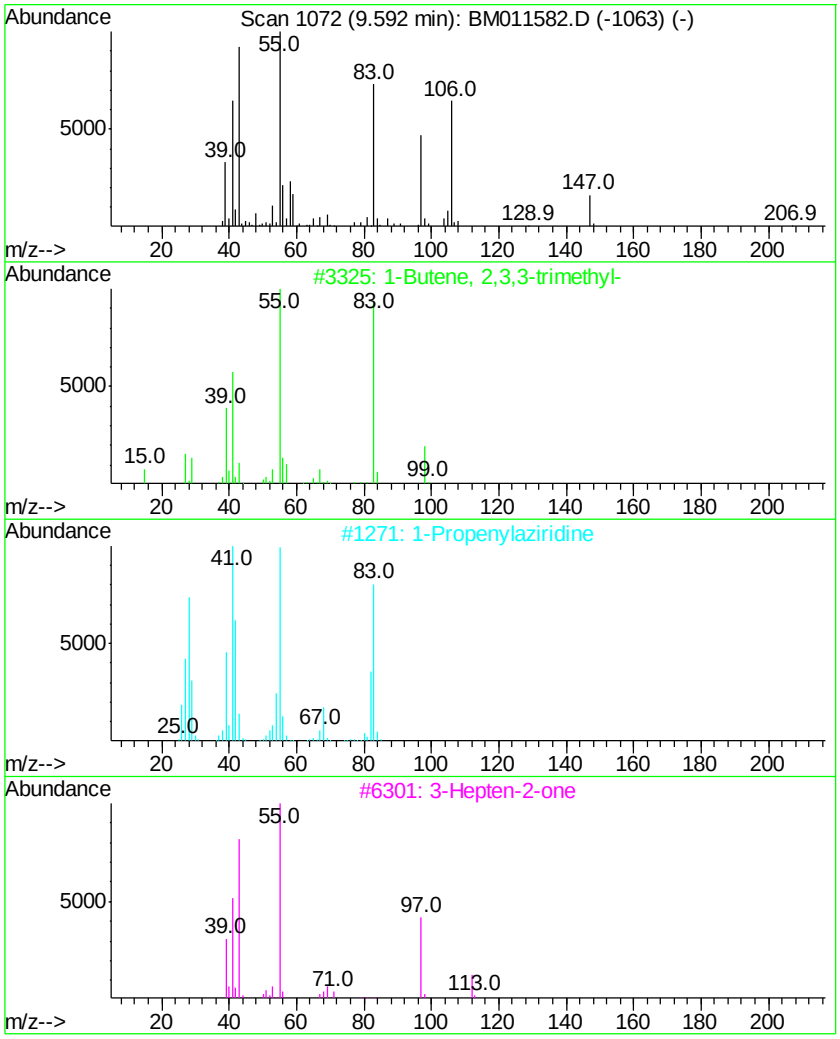
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

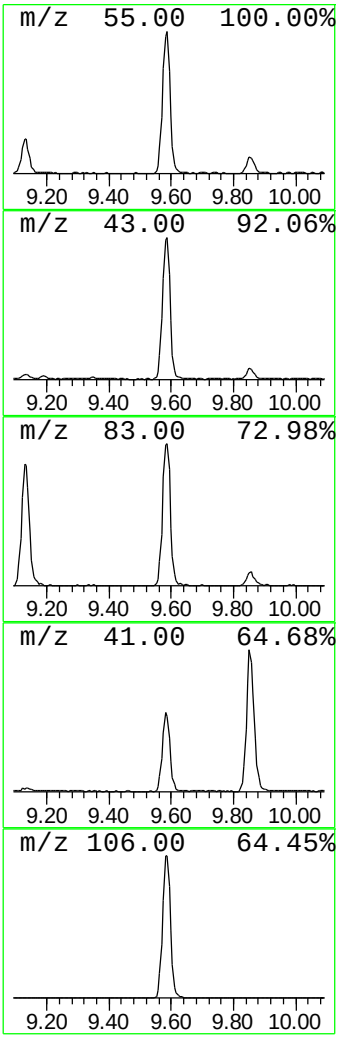
****

Peak Number 3 (DEL) Alkane: Cyclic9.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.73 ng/ul	779839	Naphthalene-d8	10.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	22
2	1-Propenylaziridine	83	C5H9N	1000192-51-0	18
3	3-Hepten-2-one	112	C7H12O	001119-44-4	14
4	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	14
5	Phosphonous dibromide, cyclohexyl-	272	C6H11Br2P	086012-32-0	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011582.D
Acq On : 18 Sep 2017 23:02
Operator : SJ/JU
Sample : I5234-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

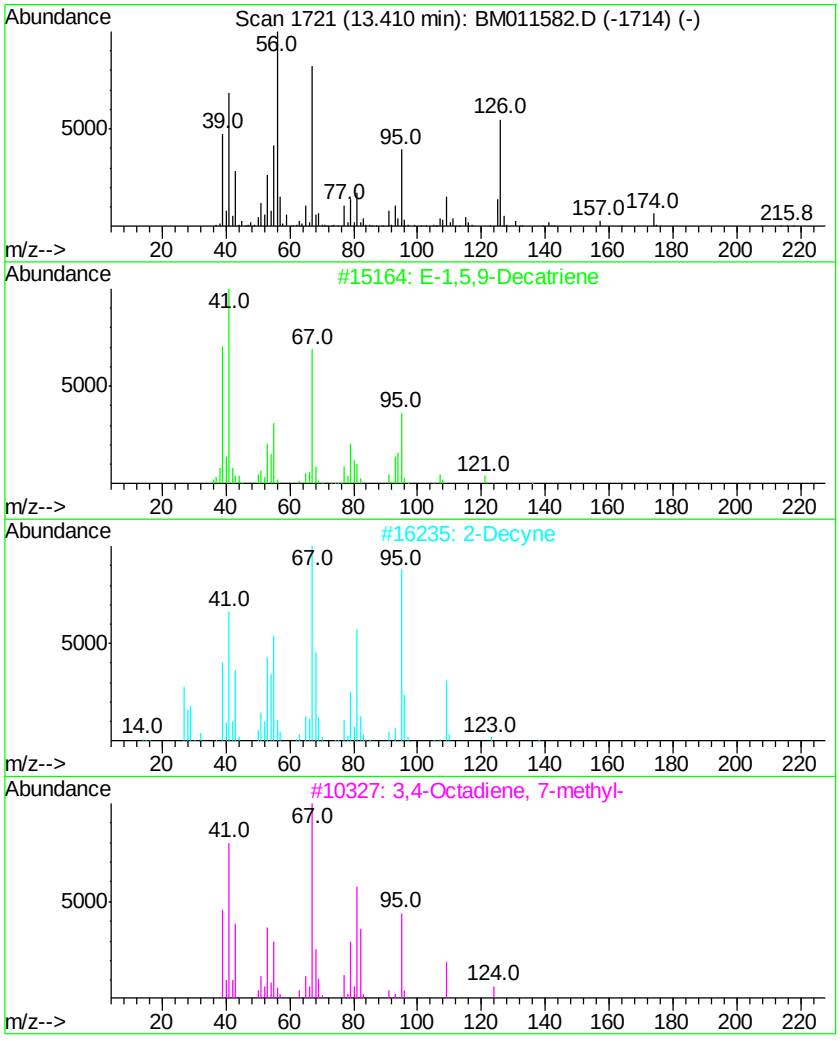
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

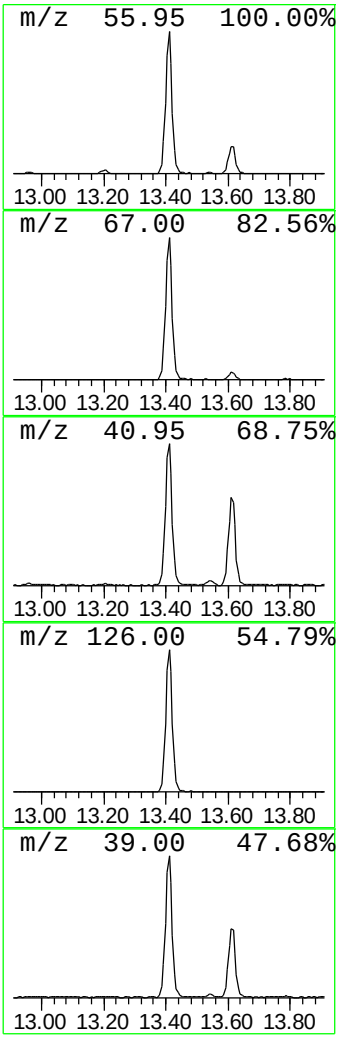
****

Peak Number 4 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	7.43 ng/ul	1650280	Acenaphthene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-1,5,9-Decatriene	136	C10H16	1000245-71-7	37
2	2-Decyne	138	C10H18	002384-70-5	35
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	32
4	Isopropenylcyclopropane	82	C6H10	004663-22-3	27
5	1,5-Hexadiene	82	C6H10	000592-42-7	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011582.D
Acq On : 18 Sep 2017 23:02
Operator : SJ/JU
Sample : I5234-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

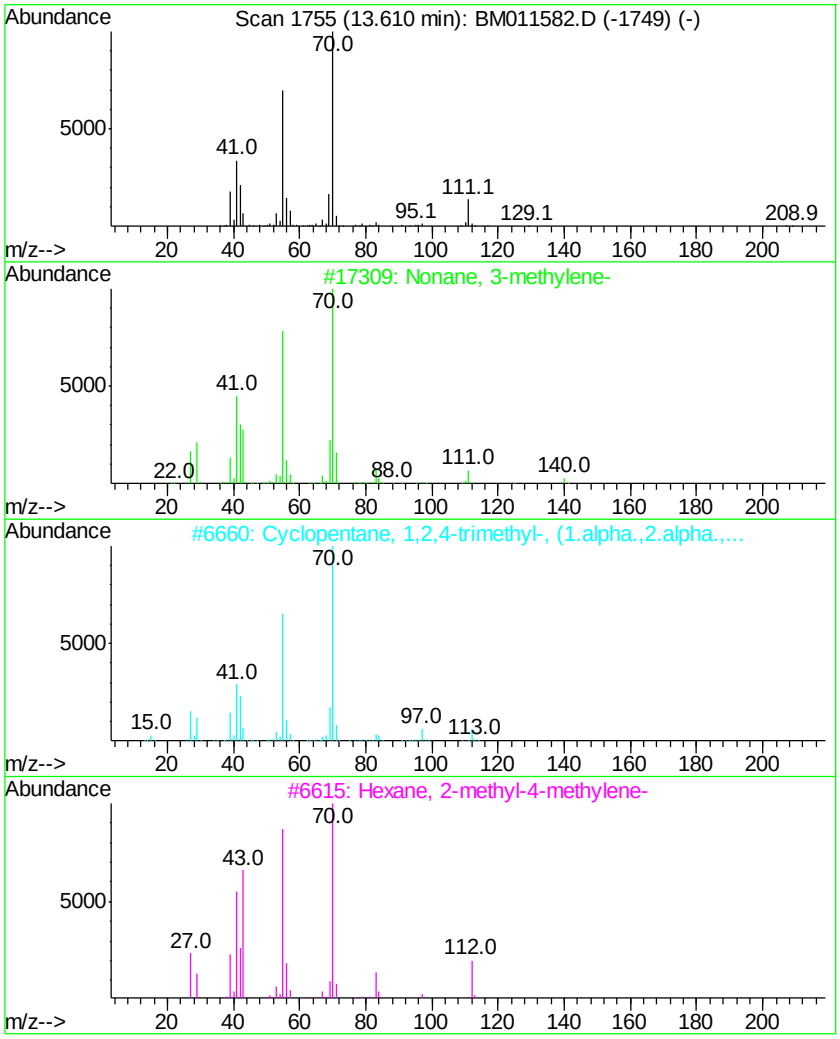
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

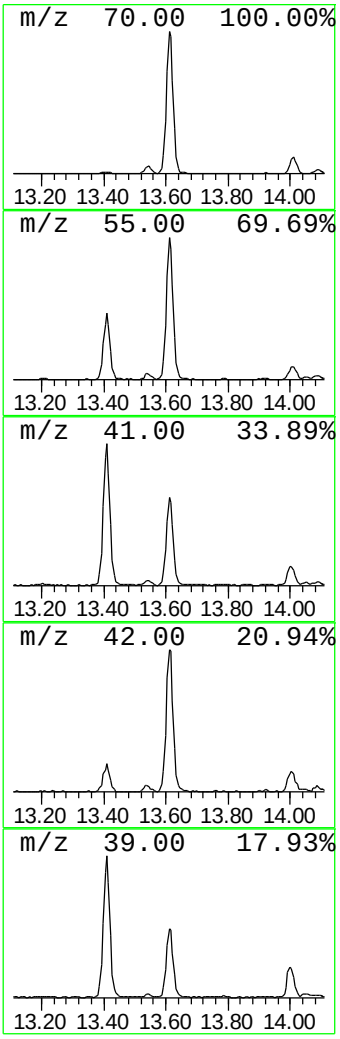
****

Peak Number 5 (DEL) Alkane: Cyclic13.61 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	4.47 ng/ul	992299	Acenaphthene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methylene-	140	C10H20	051655-64-2	78
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	64
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	64
4	3,3-Dimethyl-1,2-epoxybutane	100	C6H12O	002245-30-9	59
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	56





Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011582.D
Acq On : 18 Sep 2017 23:02
Operator : SJ/JU
Sample : I5234-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

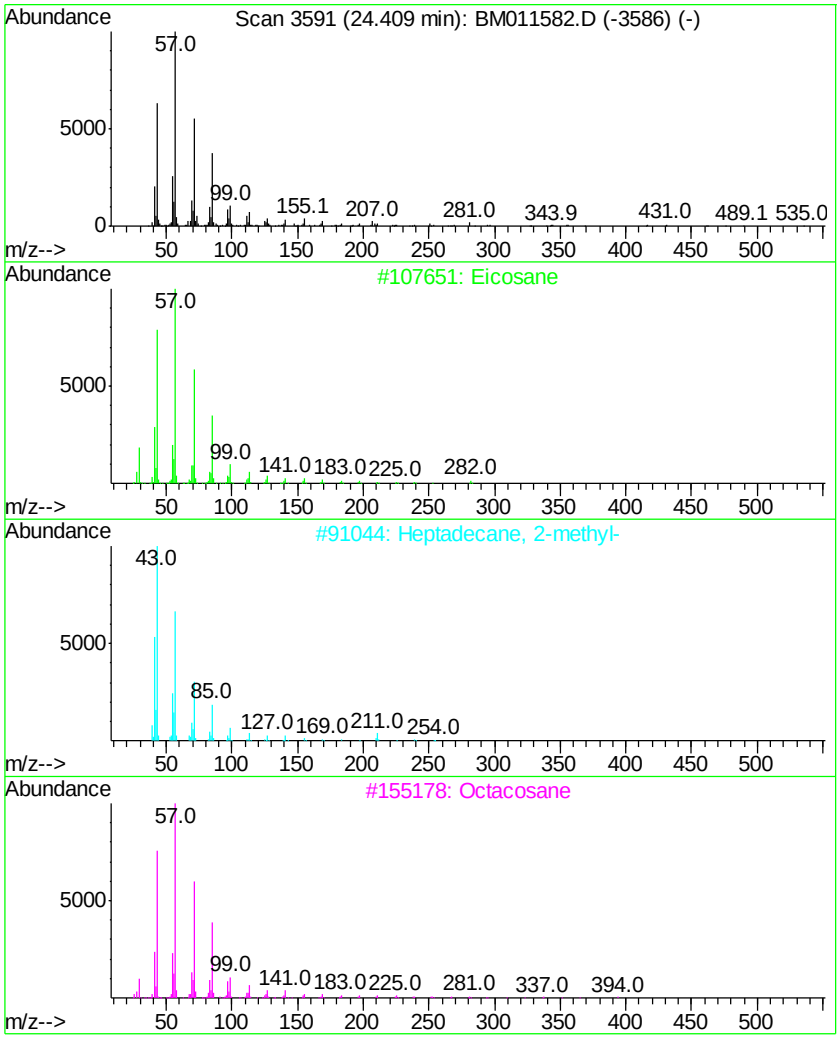
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

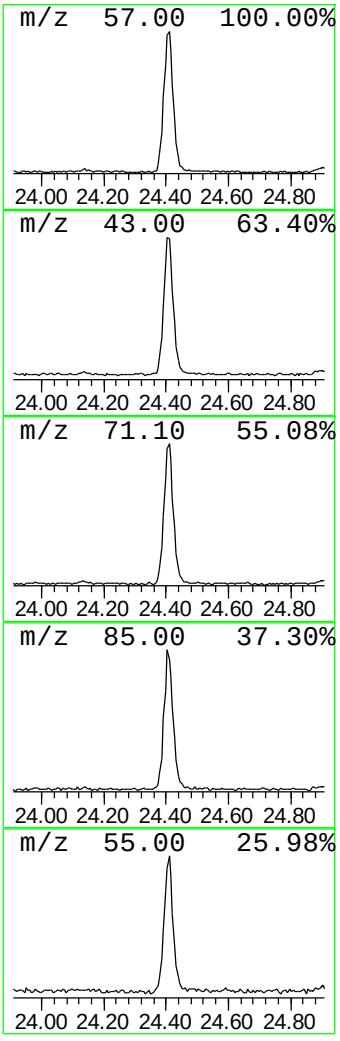
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	3.07 ng/ul	717254	Perylene-d12	23.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetracosane	338	C24H50	000646-31-1	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011582.D
Acq On : 18 Sep 2017 23:02
Operator : SJ/JU
Sample : I5234-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

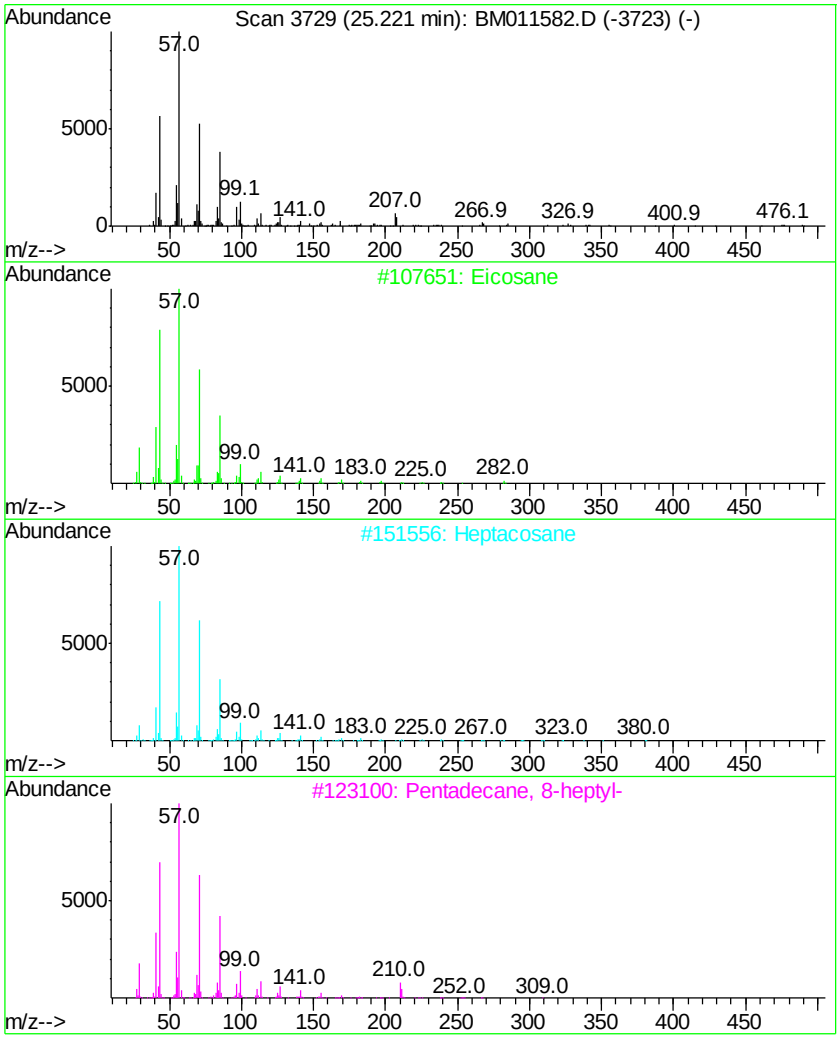
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

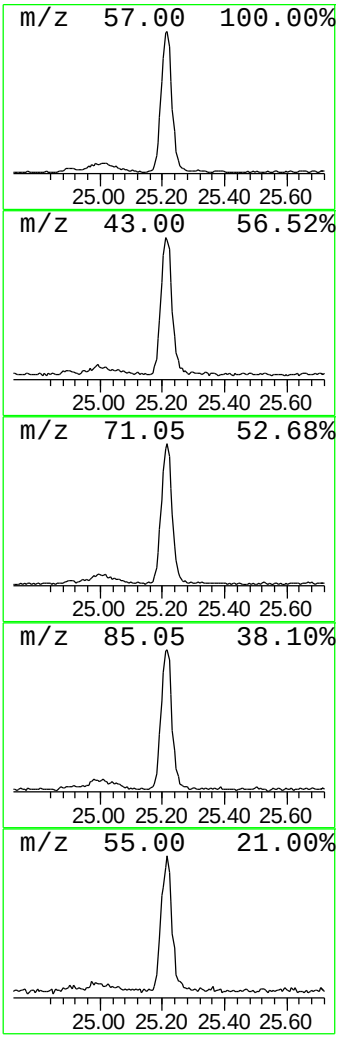
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.22	3.81 ng/ul	890868	Perylene-d12	23.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptacosane	380	C27H56	000593-49-7	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	74
5	Nonadecane	268	C19H40	000629-92-5	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091817\
Data File : BM011582.D
Acq On : 18 Sep 2017 23:02
Operator : SJ/JU
Sample : I5234-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	7.50	19.8	ng/ul	2438640	1	7.97	2459740	20.0
(DEL) Alkane: Cyc...	9.59	4.7	ng/ul	779839	2	10.77	3299200	20.0
unknown-02	13.41	7.4	ng/ul	1650280	3	14.60	4440230	20.0
(DEL) Alkane: Cyc...	13.61	4.5	ng/ul	992299	3	14.60	4440230	20.0
(DEL) Alkane: Str...	24.41	3.1	ng/ul	717254	6	23.87	4673740	20.0
(DEL) Alkane: Str...	25.22	3.8	ng/ul	890868	6	23.87	4673740	20.0