LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011549.D
Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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	25	rBV	82072	115214	1.91%	0.169%
2	4.140	143	145	151	rVB4	11057	17776	0.29%	0.026%
3	4.787	251	255	260	rVB7	9750	13263	0.22%	0.019%
4	5.404	357	360	365	rVB5	6773	8928	0.15%	0.013%
5	7.081	641	645	648	rBV3	12355	16859	0.28%	0.025%
6	7.122	648	652	669	rVB	105626	204752	3.39%	0.300%
7	7.298	675	682	695	rBV	503997	856007	14.17%	1.255%
8	7.504	710	717	729	rBV	468070	840799	13.92%	1.233%
9	7.975	790	797	807	rBV	1437939	2413554	39.96%	3.538%
10	8.269	840	847	850	rBV6	3410	6640	0.11%	0.010%
11	8.669	909	915	931	rBV	333610	637824	10.56%	0.935%
12	9.133	983	994	1009	rBV	565941	1049380	17.37%	1.538%
13	9.339	1023	1029	1038	rVB7	6587	13045	0.22%	0.019%
14	9.533	1053	1062	1065	rBV2	17163	37567	0.62%	0.055%
15	9.586	1065	1071	1086	rVB	759803	1256495	20.80%	1.842%
16	9.857	1109	1117	1123	rBV	401659	722214	11.96%	1.059%
17	9.916	1123	1127	1133	rVV	132396	238544	3.95%	0.350%
18	10.010	1137	1143	1149	rVB	22671	39338	0.65%	0.058%
19	10.392	1202	1208	1227	rBV	571641	1138224	18.84%	1.669%
20	10.704	1253	1261	1267	rBV3	60740	121822	2.02%	0.179%
21	10.780	1267	1274	1285	rVV	2074066	3520313	58.28%	5.161%
22	10.928	1292	1299	1315	rVV2	32509	81750	1.35%	0.120%
23	11.327	1360	1367	1377	rBV	276373	514450	8.52%	0.754%
24	11.433	1377	1385	1391	rBV	127887	227725	3.77%	0.334%
25	11.598	1406	1413	1416	rBV7	3795	7446	0.12%	0.011%
26	11.833	1447	1453	1459	rVB6	14830	27473	0.45%	0.040%
27	11.939	1465	1471	1479	rBV4	22327	40553	0.67%	0.059%
28	12.027	1481	1486	1490	rBV6	16491	31219	0.52%	0.046%
29	12.233	1515	1521	1524	rBV5	12851	21674	0.36%	0.032%
30	12.274	1526	1528	1534	rVB7	8314	15054	0.25%	0.022%
31	12.322	1534	1536	1540	rBV3	4034	6986	0.12%	0.010%
32	12.410	1549	1551	1554	rVB4	7092	6610	0.11%	0.010%
33	12.504	1560	1567	1575	rVB5	26937	48690	0.81%	0.071%
34	12.580	1575	1580	1584	rVV	31052	59197	0.98%	0.087%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011549.D
Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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	12.616	1584	1586	1597	rVB5	29460	57204	0.95%	0.084%
36	12.710	1597	1602	1612	rVB4	24408	43386	0.72%	0.064%
37	12.798	1612	1617	1621	rBV4	6816	8918	0.15%	0.013%
38	12.880	1626	1631	1637	rBV8	10628	20984	0.35%	0.031%
39	12.957	1637	1644	1650	rBV6	15839	31858	0.53%	0.047%
40	13.104	1666	1669	1675	rVB3	5802	7131	0.12%	0.010%
41	13.204	1683	1686	1690	rBV5	5259	8200	0.14%	0.012%
42	13.416	1714	1722	1731	rBV	1442946	2176883	36.04%	3.191%
43	13.545	1740	1744	1748	rBV	49515	69930	1.16%	0.103%
44	13.616	1750	1756	1767	rVB	917490	1378648	22.82%	2.021%
45	13.798	1781	1787	1791	rVB4	16542	27930	0.46%	0.041%
46	13.857	1795	1797	1803	rVB5	4172	6273	0.10%	0.009%
47	13.927	1803	1809	1815	rBV7	10766	18669	0.31%	0.027%
48	14.004	1815	1822	1828	rBV	1572944	2249423	37.24%	3.298%
49	14.051	1828	1830	1834	rVV3	46168	68986	1.14%	0.101%
50	14.092	1834	1837	1842	rVV2	22520	34185	0.57%	0.050%
51	14.157	1845	1848	1850	rBV2	5076	6694	0.11%	0.010%
52	14.298	1865	1872	1879	rBV	1470840	2235025	37.00%	3.277%
53	14.357	1879	1882	1888	rVB2	191026	275464	4.56%	0.404%
54	14.439	1893	1896	1900	rVV5	5615	8980	0.15%	0.013%
55	14.498	1900	1906	1911	rVV	64865	109694	1.82%	0.161%
56	14.604	1912	1924	1937	rVV2	3177987	4856041	80.39%	7.119%
57	14.798	1953	1957	1965	rBV4	37220	87932	1.46%	0.129%
58	15.004	1989	1992	1994	rBV2	4874	6250	0.10%	0.009%
59	15.133	2010	2014	2019	rVB6	6327	10902	0.18%	0.016%
60	15.592	2085	2092	2100	rBV	1925194	2820587	46.70%	4.135%
61	15.698	2104	2110	2126	rVV	587402	918254	15.20%	1.346%
62	15.833	2128	2133	2138	rVB4	21407	33618	0.56%	0.049%
63	16.298	2211	2212	2217	rBV4	4333	6744	0.11%	0.010%
64	17.133	2349	2354	2357	rBV3	10880	12388	0.21%	0.018%
65	17.345	2383	2390	2399	rBV	3905082	5419795	89.73%	7.946%
66	17.439	2399	2406	2421	rVV2	2386365	3471531	57.47%	5.089%
67	18.209	2533	2537	2542	rBV3	43217	63325	1.05%	0.093%
68	18.298	2549	2552	2560	rVB6	9947	21027	0.35%	0.031%
69	18.462	2576	2580	2584	rBV6	5707	9977	0.17%	0.015%
70	19.186	2701	2703	2706	rBV4	6753	9400	0.16%	0.014%
71	19.362	2728	2733	2737	rVB2	30554	49946	0.83%	0.073%

LSC Area Percent Report

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Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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

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Peak separation: 5

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

72	19.480	2747	2753	2759	rBV4	89751	141575	2.34%	0.208%
73	19.609	2773	2775	2777	rBV2	17111	18836	0.31%	0.028%
74	19.721	2788	2794	2807	rBV	2966335	4167371	68.99%	6.110%
75	21.503	3092	3097	3106	rBV	4623385	6040262	100.00%	8.855%
76	22.574	3276	3279	3286	rVB2	243005	335939	5.56%	0.492%
77	23.115	3366	3371	3377	rBV	478114	736895	12.20%	1.080%
78	23.721	3468	3474	3484	rBV2	2820789	5394847	89.31%	7.909%
79	23.880	3494	3501	3512	rVB	2894364	5549934	91.88%	8.136%
80	24.415	3586	3592	3602	rVB	872689	1792206	29.67%	2.627%
81	25.221	3723	3729	3741	rVB	796733	1878089	31.09%	2.753%
82	26.174	3885	3891	3901	rVB	435722	1155730	19.13%	1.694%

Sum of corrected areas: 68211251

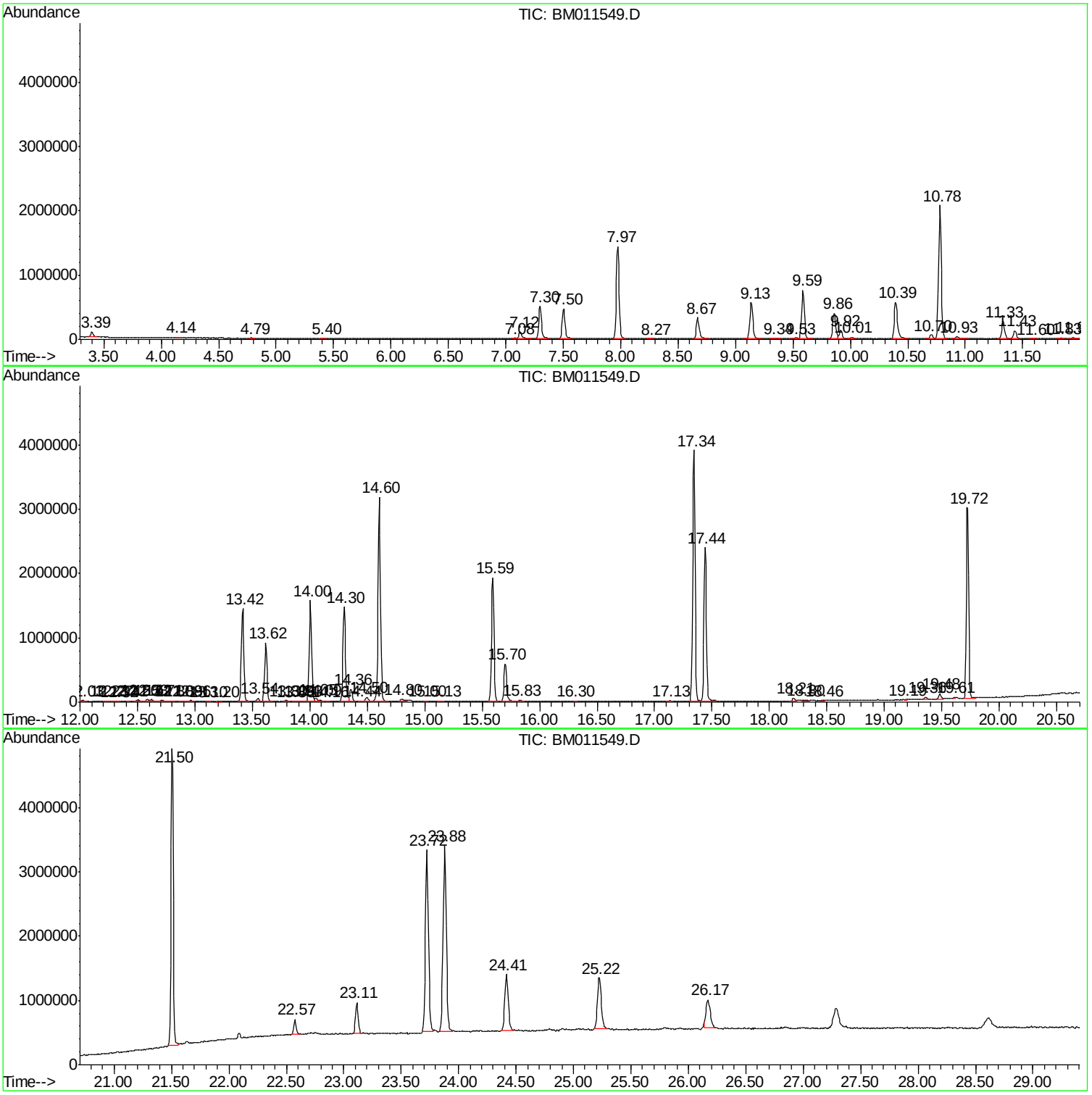
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011549.D
Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB4

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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011549.D
Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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

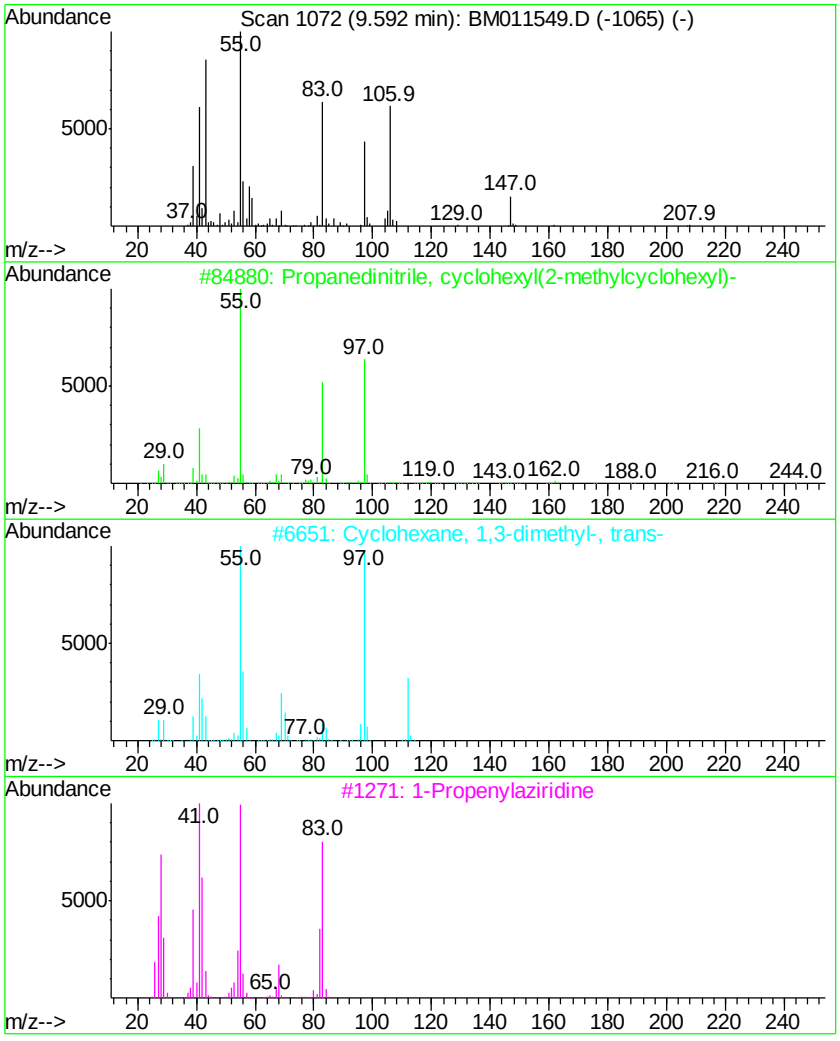
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

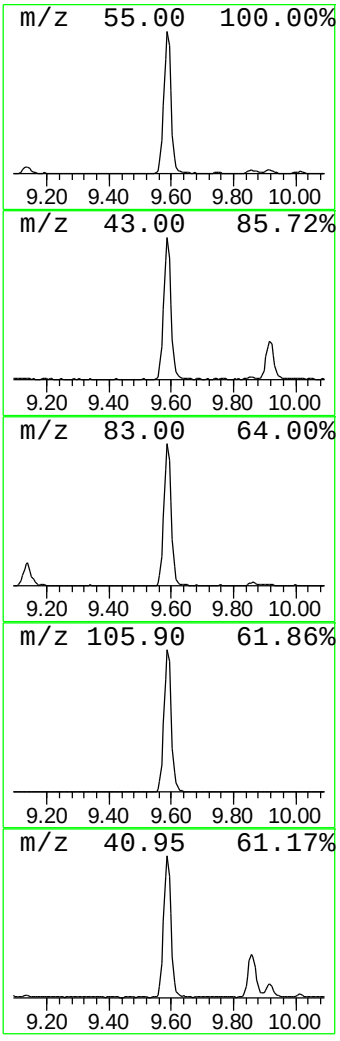
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	7.14 ng/ul	1256500	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	38
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	22
3	1-Propenylaziridine	83	C5H9N	1000192-51-0	18
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	18
5	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	18





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011549.D
Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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

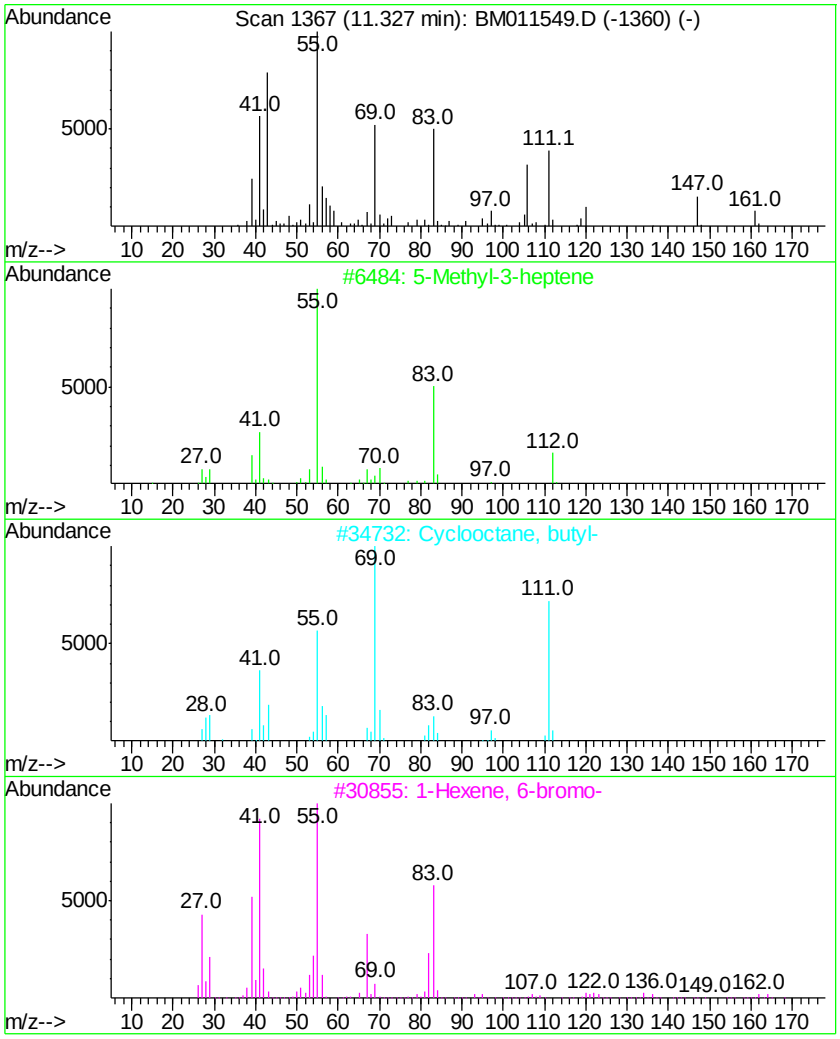
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

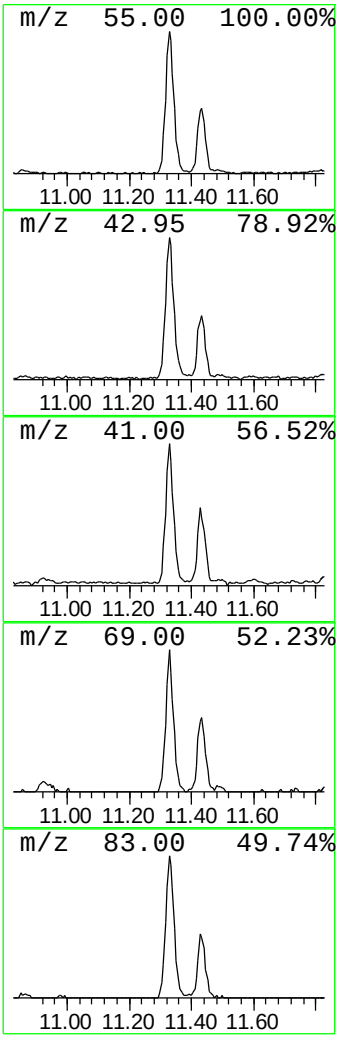
****

Peak Number 2 (DEL) Alkane: Cyclic11.33 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.92 ng/ul	514450	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-3-heptene	112	C8H16	050422-80-5	30
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	27
3	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	27
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
5	3-Ethyl-2-hexene(c,t)	112	C8H16	1000118-16-0	22





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011549.D
Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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

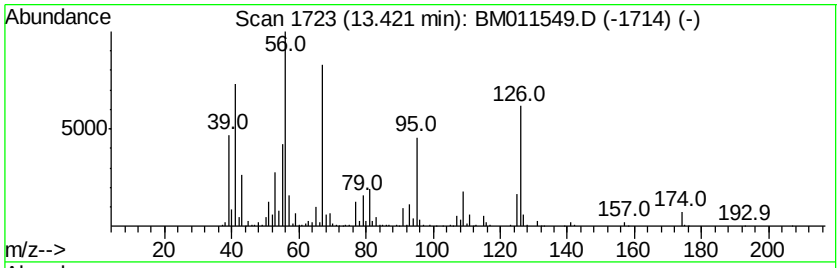
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

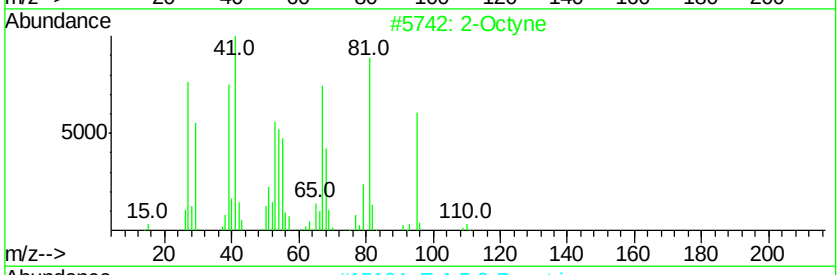
****

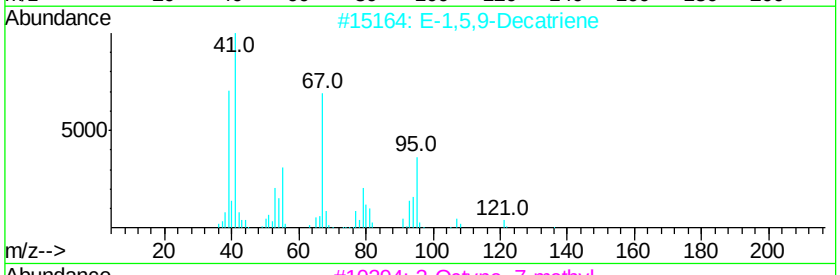
Peak Number 3 unknown-03 Concentration Rank 1

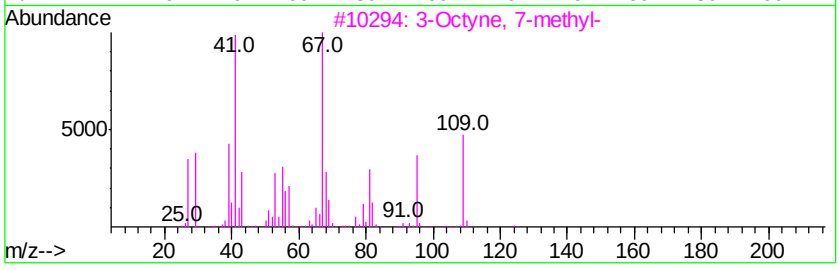
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	8.97 ng/ul	2176880	Acenaphthene-d10	14.60

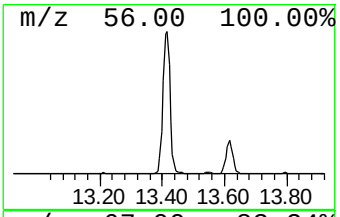
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octyne	110	C8H14	002809-67-8	42
2	E-1,5,9-Decatriene	136	C10H16	1000245-71-7	37
3	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	35
4	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	30
5	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	27

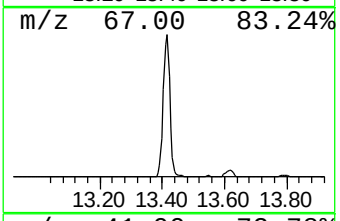


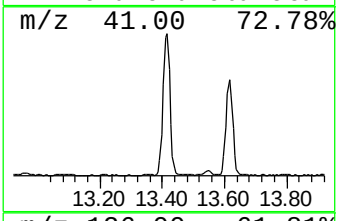


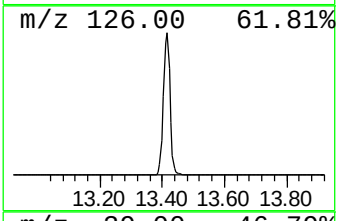


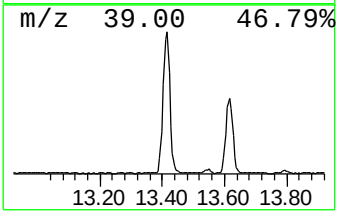












Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011549.D
Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
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Instrument : BNA_M
ClientSampleId : C0AB4

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

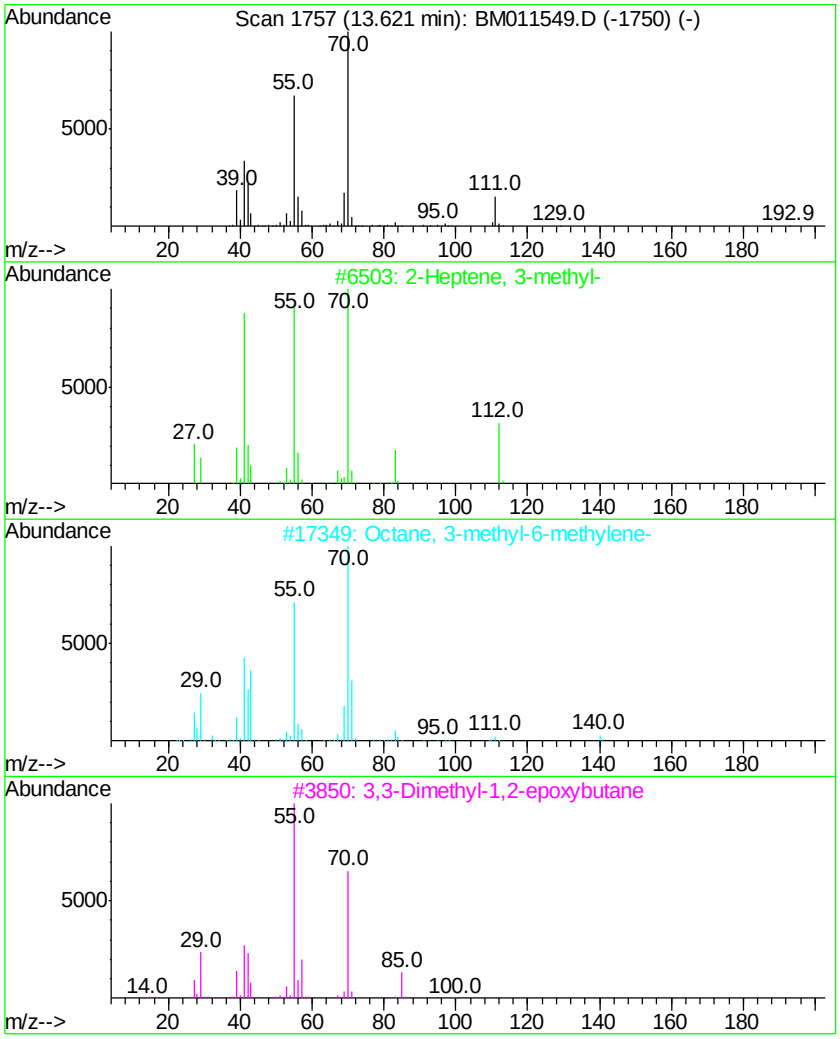
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

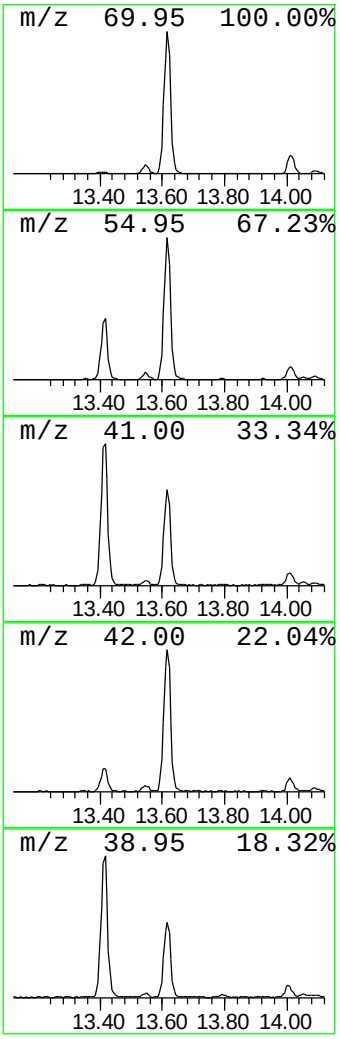
****

Peak Number 4 (DEL) Alkane: Cyclic13.62 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	5.68 ng/ul	1378650	Acenaphthene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	64
2	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	64
3	3,3-Dimethyl-1,2-epoxybutane	100	C6H12O	002245-30-9	59
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	56
5	Nonane, 3-methylene-	140	C10H20	051655-64-2	56





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Data File : BM011549.D
Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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

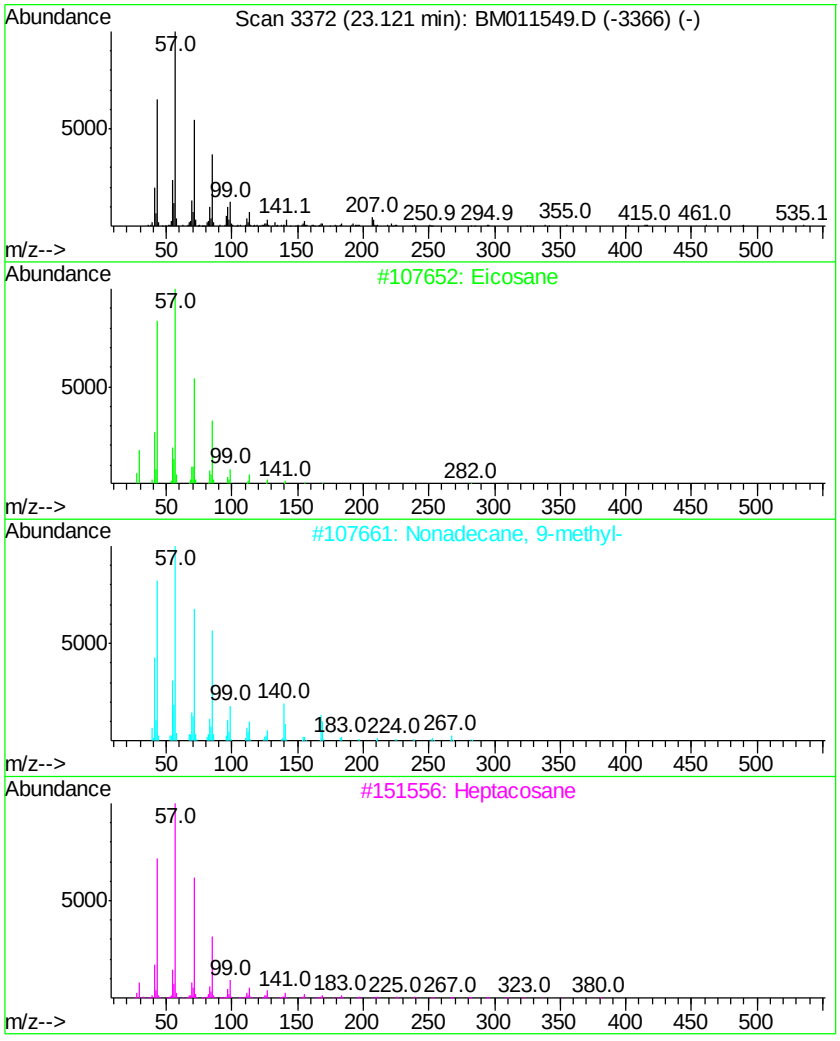
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

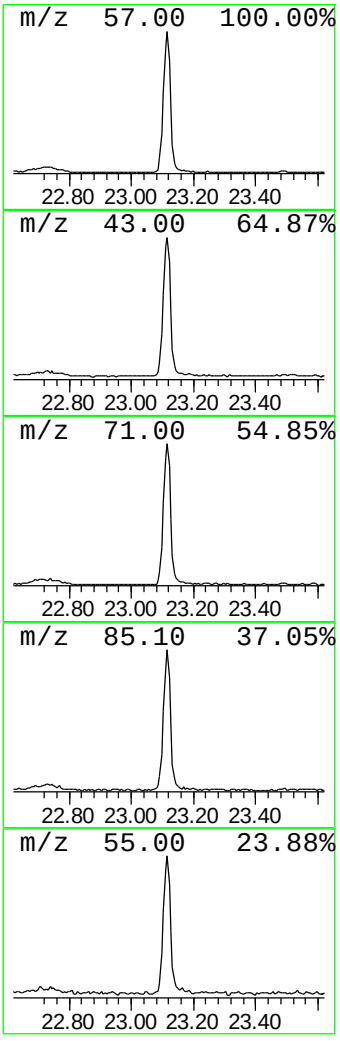
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	2.66 ng/ul	736895	Perylene-d12	23.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Heptacosane	380	C27H56	000593-49-7	87
4	Octacosane	394	C28H58	000630-02-4	83
5	1-Iodoundecane	282	C11H23I	004282-44-4	81





Library Search Compound Report

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Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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Quant Title : SVOA CALIBRATION

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

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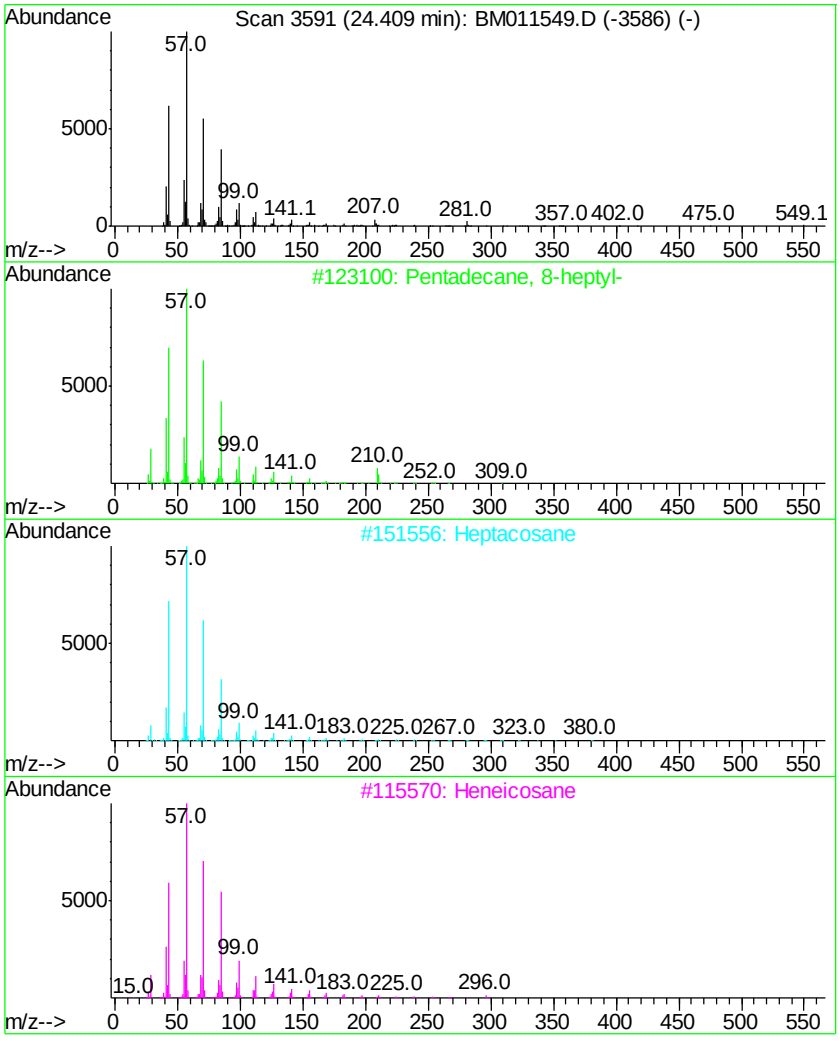
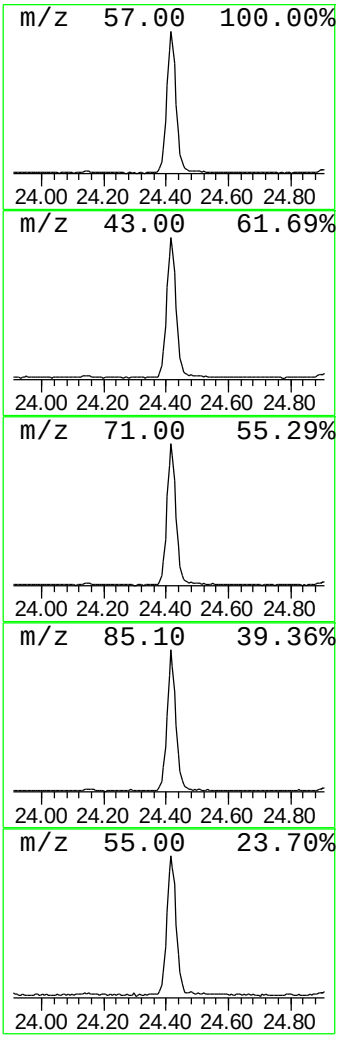
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	6.46 ng/ul	1792210	Perylene-d12	23.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Pentacosane	352	C25H52	000629-99-2	90





Library Search Compound Report

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Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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

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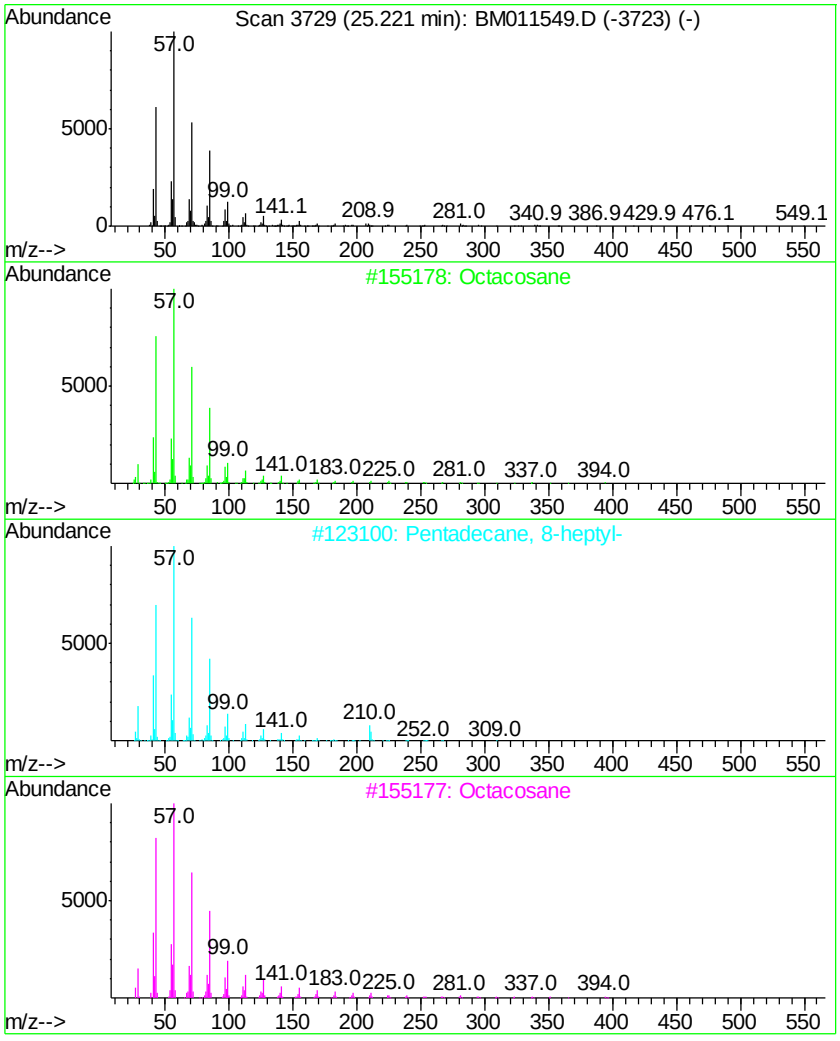
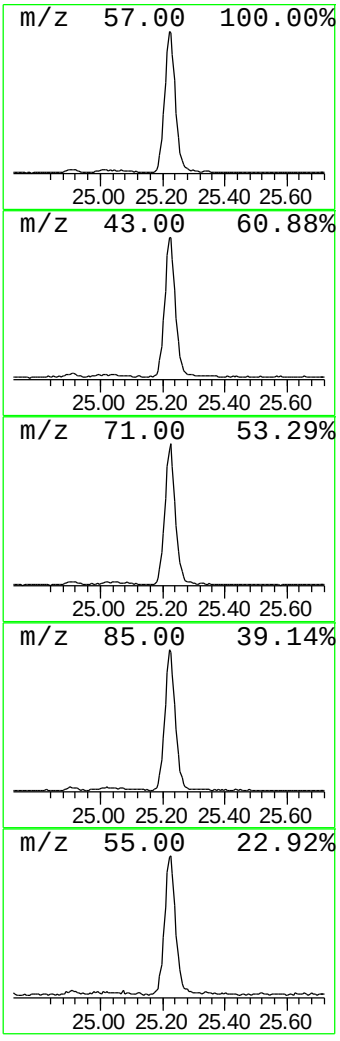
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.22	6.77 ng/ul	1878090	Perylene-d12	23.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexatriacontane	507	C36H74	000630-06-8	91
5	Eicosane	282	C20H42	000112-95-8	91





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Data File : BM011549.D
Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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

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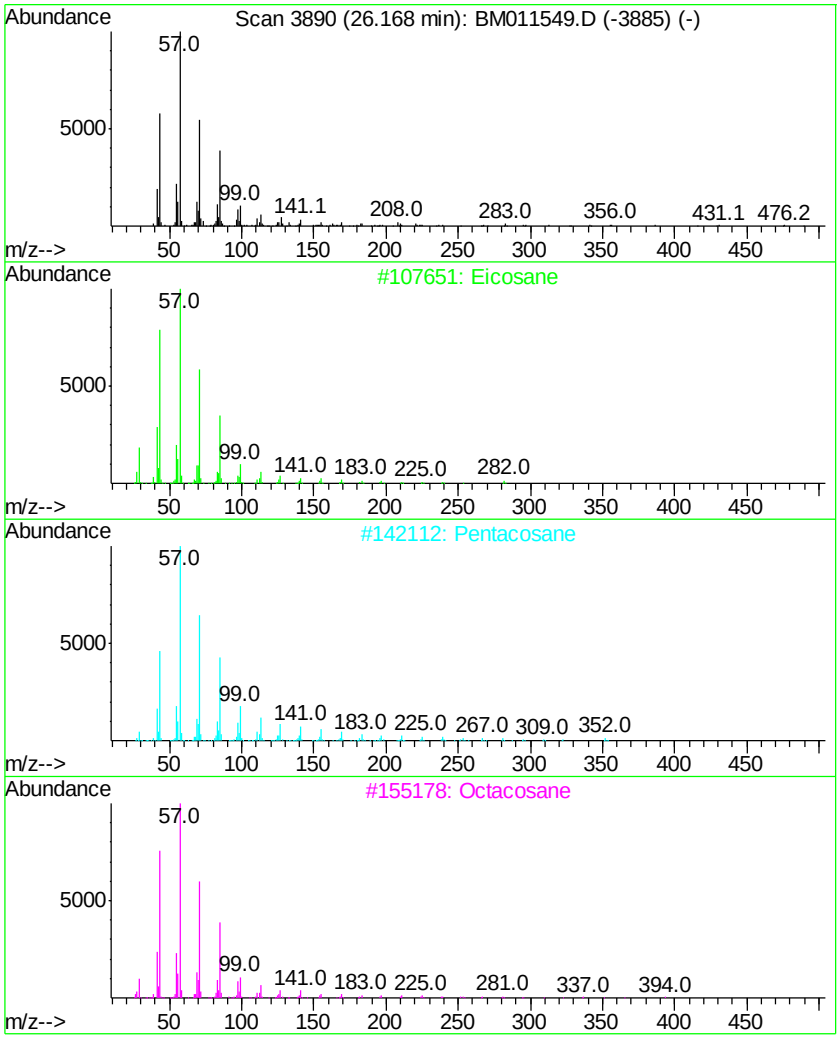
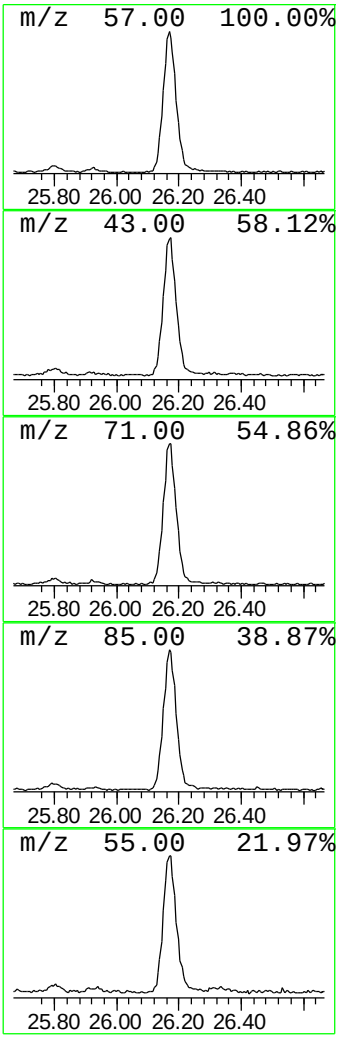
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.17	4.16 ng/ul	1155730	Perylene-d12	23.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Pentacosane	352	C25H52	000629-99-2	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5	Hexacosane	366	C26H54	000630-01-3	86





Tentatively Identified Compound (LSC) summary

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Data File : BM011549.D
Acq On : 14 Sep 2017 20:00
Operator : SJ/JU
Sample : I5191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB4

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	9.59	7.1	ng/ul	1256500	2	10.78	3520310	20.0
(DEL) Alkane: Cyc...	11.33	2.9	ng/ul	514450	2	10.78	3520310	20.0
unknown-03	13.42	9.0	ng/ul	2176880	3	14.60	4856040	20.0
(DEL) Alkane: Cyc...	13.62	5.7	ng/ul	1378650	3	14.60	4856040	20.0
(DEL) Alkane: Str...	23.12	2.7	ng/ul	736895	6	23.88	5549930	20.0
(DEL) Alkane: Str...	24.41	6.5	ng/ul	1792210	6	23.88	5549930	20.0
(DEL) Alkane: Str...	25.22	6.8	ng/ul	1878090	6	23.88	5549930	20.0
(DEL) Alkane: Str...	26.17	4.2	ng/ul	1155730	6	23.88	5549930	20.0