LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091217\
Data File : BM011527.D
Acq On : 12 Sep 2017 20:48
Operator : SJ/JU
Sample : I5145-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK0

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	28	rVB	129109	188692	1.20%	0.129%
2	4.146	143	146	150	rBV4	16857	23297	0.15%	0.016%
3	6.181	488	492	502	rVB5	13965	29203	0.19%	0.020%
4	7.122	646	652	664	rBV2	447018	877891	5.56%	0.601%
5	7.298	675	682	694	rBV	1928658	3051004	19.34%	2.088%
6	7.392	696	698	707	rVB6	13339	20076	0.13%	0.014%
7	7.504	709	717	735	rBV	1807241	3042022	19.28%	2.082%
8	7.975	790	797	815	rBV	1869874	3105934	19.68%	2.125%
9	8.669	908	915	926	rBV	1380435	2316889	14.68%	1.585%
10	9.139	987	995	1010	rBV	2316493	3953530	25.06%	2.705%
11	9.292	1017	1021	1026	rVB5	12276	20334	0.13%	0.014%
12	9.534	1056	1062	1066	rBV2	26144	45380	0.29%	0.031%
13	9.592	1066	1072	1081	rVB	295958	511085	3.24%	0.350%
14	9.857	1109	1117	1129	rBV	1782030	3083007	19.54%	2.110%
15	10.392	1201	1208	1231	rBV	2513856	4542413	28.79%	3.108%
16	10.704	1255	1261	1266	rBV2	34625	63253	0.40%	0.043%
17	10.781	1266	1274	1285	rVB	2791308	4752165	30.12%	3.252%
18	10.922	1292	1298	1310	rBV2	80362	182130	1.15%	0.125%
19	11.333	1361	1368	1378	rBV	53481	110540	0.70%	0.076%
20	11.433	1380	1385	1392	rVB3	37450	63723	0.40%	0.044%
21	11.939	1466	1471	1477	rVB5	11060	19495	0.12%	0.013%
22	12.022	1477	1485	1491	rBV4	13339	23943	0.15%	0.016%
23	12.369	1535	1544	1554	rVB2	35680	65879	0.42%	0.045%
24	12.451	1554	1558	1563	rBV4	13439	25026	0.16%	0.017%
25	12.586	1575	1581	1594	rVB	42826	105295	0.67%	0.072%
26	12.710	1596	1602	1608	rBV5	18422	33215	0.21%	0.023%
27	12.963	1640	1645	1649	rBV4	12502	19612	0.12%	0.013%
28	13.216	1681	1688	1695	rBV4	19242	41373	0.26%	0.028%
29	13.416	1715	1722	1731	rBV	1120706	1663019	10.54%	1.138%
30	13.545	1740	1744	1750	rBV2	29028	49816	0.32%	0.034%
31	13.616	1750	1756	1767	rVB	650377	992475	6.29%	0.679%
32	13.798	1782	1787	1793	rVB8	12183	19803	0.13%	0.014%
33	13.927	1803	1809	1815	rBV7	12042	22581	0.14%	0.015%
34	14.010	1816	1823	1828	rBV	5629681	7959524	50.45%	5.447%

LSC Area Percent Report

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Acq On : 12 Sep 2017 20:48
Operator : SJ/JU
Sample : I5145-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK0

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	14.051	1828	1830	1835	rVB	123794	162371	1.03%	0.111%
36	14.298	1865	1872	1879	rBV	6015572	9027951	57.22%	6.178%
37	14.357	1879	1882	1891	rVB2	147393	225717	1.43%	0.154%
38	14.486	1900	1904	1912	rVB3	75289	127106	0.81%	0.087%
39	14.604	1912	1924	1936	rVB2	4201302	6616423	41.93%	4.527%
40	14.792	1950	1956	1973	rBV	274916	609807	3.86%	0.417%
41	14.927	1973	1979	1985	rVV10	16121	49421	0.31%	0.034%
42	14.998	1985	1991	1996	rVV7	34822	75394	0.48%	0.052%
43	15.039	1996	1998	2003	rVV4	17241	22459	0.14%	0.015%
44	15.098	2003	2008	2015	rVV7	19952	39222	0.25%	0.027%
45	15.433	2053	2065	2071	rBV2	111774	187034	1.19%	0.128%
46	15.592	2085	2092	2100	rBV	8434638	11934085	75.64%	8.166%
47	15.704	2104	2111	2126	rVV	2741252	3856932	24.44%	2.639%
48	15.833	2127	2133	2139	rVB2	107296	176185	1.12%	0.121%
49	15.986	2157	2159	2167	rVB7	14044	19979	0.13%	0.014%
50	16.051	2167	2170	2175	rVB3	18684	26086	0.17%	0.018%
51	16.292	2206	2211	2219	rBV	128717	189141	1.20%	0.129%
52	16.474	2239	2242	2248	rVB5	12608	18962	0.12%	0.013%
53	16.639	2262	2270	2273	rBV9	14649	28834	0.18%	0.020%
54	16.727	2281	2285	2293	rVB5	28119	48961	0.31%	0.034%
55	16.798	2293	2297	2301	rVB5	24479	28514	0.18%	0.020%
56	17.080	2341	2345	2351	rBV	58042	76492	0.48%	0.052%
57	17.133	2351	2354	2360	rVB2	26181	36911	0.23%	0.025%
58	17.345	2383	2390	2399	rBV2	5465678	7734424	49.02%	5.292%
59	17.445	2400	2407	2423	rVB	9727591	13578159	86.06%	9.291%
60	18.092	2512	2517	2522	rBV7	29664	50640	0.32%	0.035%
61	18.215	2532	2538	2548	rBV	505501	808879	5.13%	0.553%
62	18.309	2548	2554	2563	rVB3	99409	197787	1.25%	0.135%
63	18.580	2594	2600	2606	rBV8	19901	38036	0.24%	0.026%
64	18.880	2648	2651	2657	rBV7	12098	16772	0.11%	0.011%
65	19.068	2681	2683	2691	rVB9	11693	23327	0.15%	0.016%
66	19.298	2718	2722	2725	rBV5	21760	28233	0.18%	0.019%
67	19.362	2727	2733	2742	rVV	154991	281883	1.79%	0.193%
68	19.486	2749	2754	2765	rBV	351574	569285	3.61%	0.390%
69	19.615	2772	2776	2783	rVB2	84744	132580	0.84%	0.091%
70	19.727	2789	2795	2804	rBV	12571117	15778242	100.00%	10.797%
71	21.192	3041	3044	3053	rBV	250480	393016	2.49%	0.269%

LSC Area Percent Report

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Data File : BM011527.D
Acq On : 12 Sep 2017 20:48
Operator : SJ/JU
Sample : I5145-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK0

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

72	21.397	3077	3079	3083	rVB	119784	126582	0.80%	0.087%
73	21.509	3092	3098	3107	rBV	6641475	8819083	55.89%	6.035%
74	22.721	3299	3304	3317	rVB2	758728	1171960	7.43%	0.802%
75	23.733	3468	3476	3486	rBV2	7221354	14116068	89.47%	9.659%
76	23.880	3494	3501	3516	rVB2	3790008	7667591	48.60%	5.247%

Sum of corrected areas: 146140158

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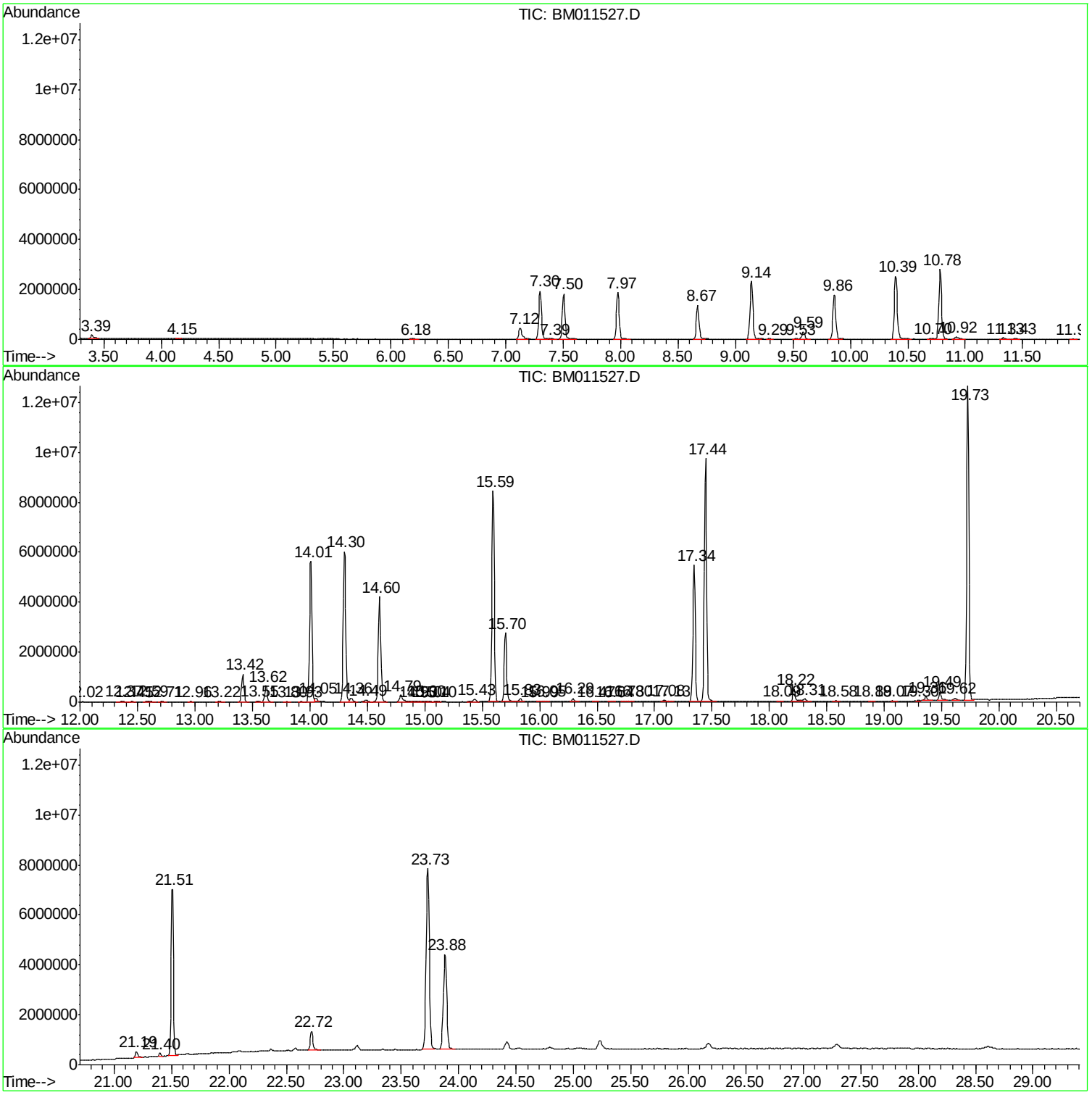
Acq On : 12 Sep 2017 20:48
Operator : SJ/JU
Sample : I5145-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK0

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\BM091217\
Data File : BM011527.D
Acq On : 12 Sep 2017 20:48
Operator : SJ/JU
Sample : I5145-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK0

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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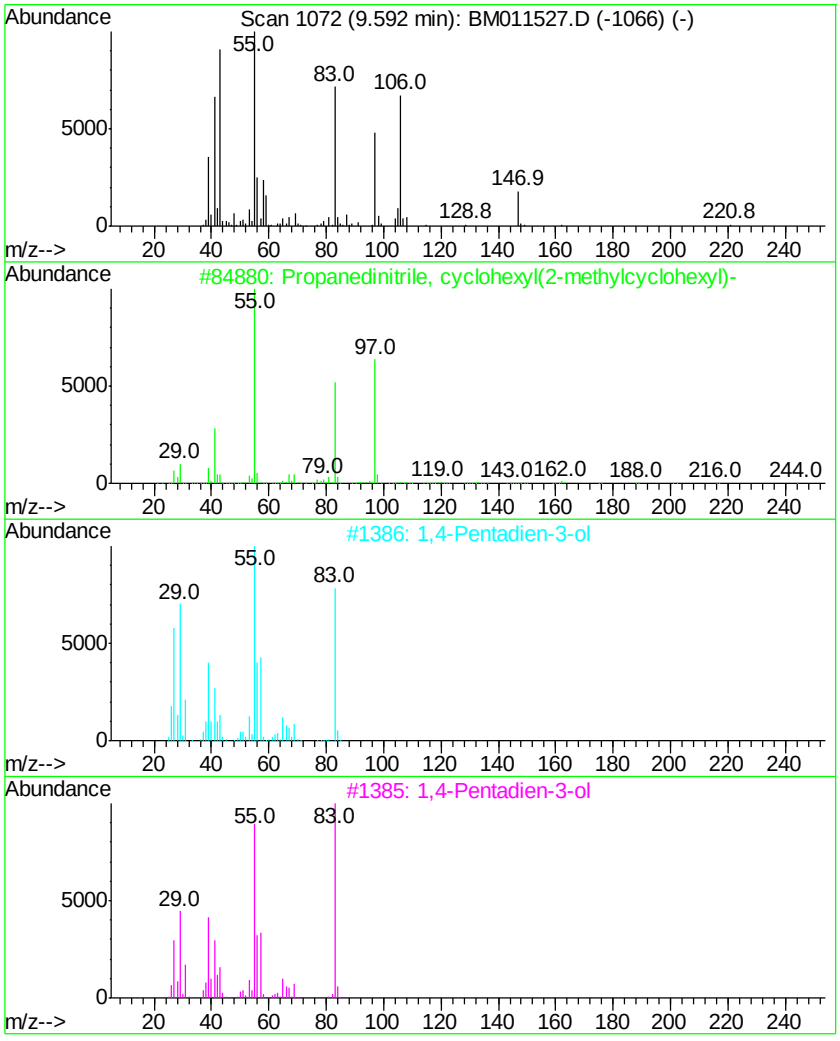
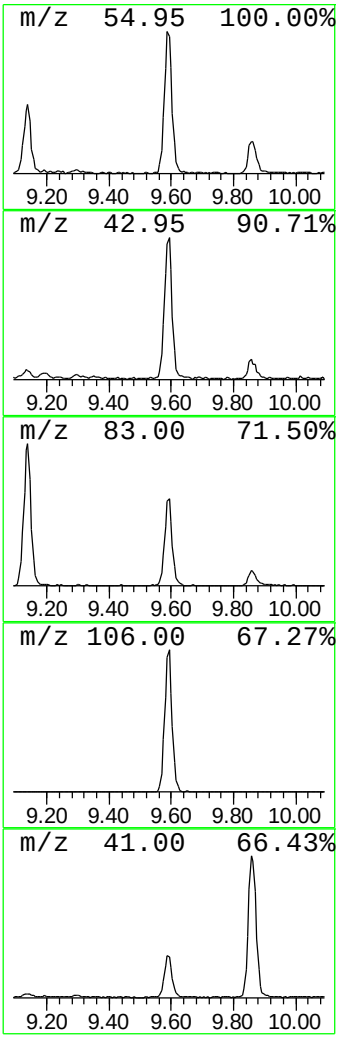
Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	2.15 ng/ul	511085	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	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	18
3	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	18
4	1-Propenylaziridine	83	C5H9N	1000192-51-0	18
5	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	18





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091217\
Data File : BM011527.D
Acq On : 12 Sep 2017 20:48
Operator : SJ/JU
Sample : I5145-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK0

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

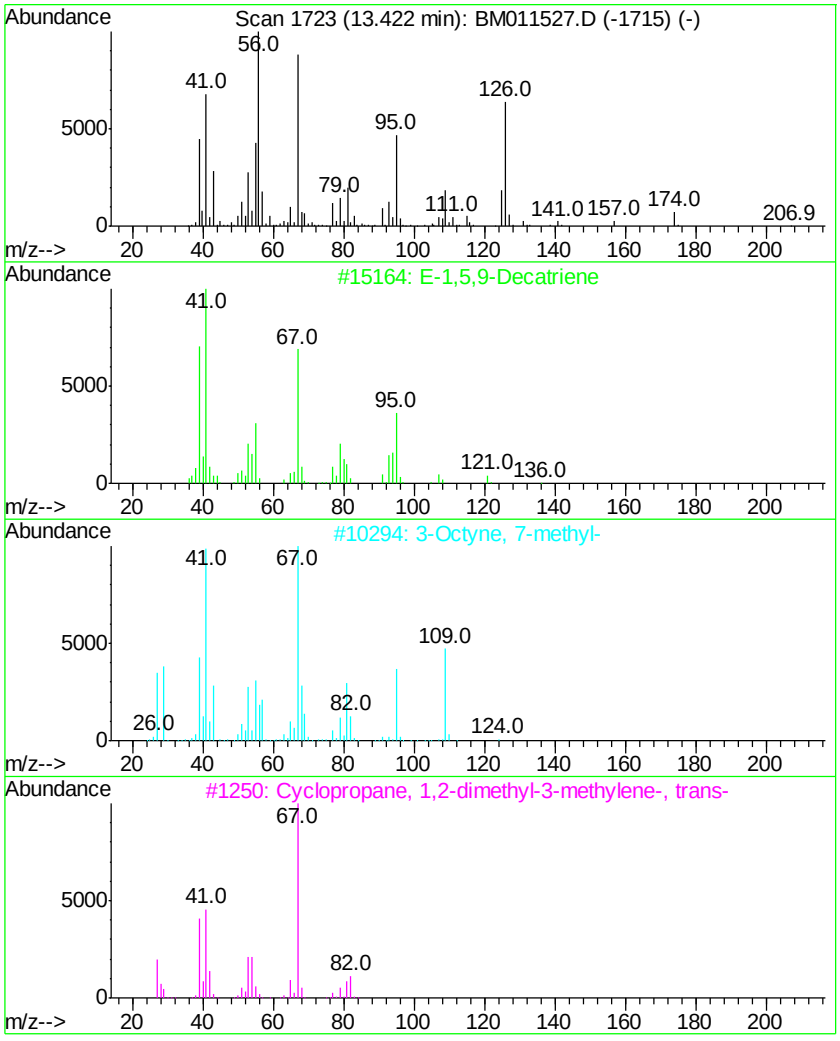
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

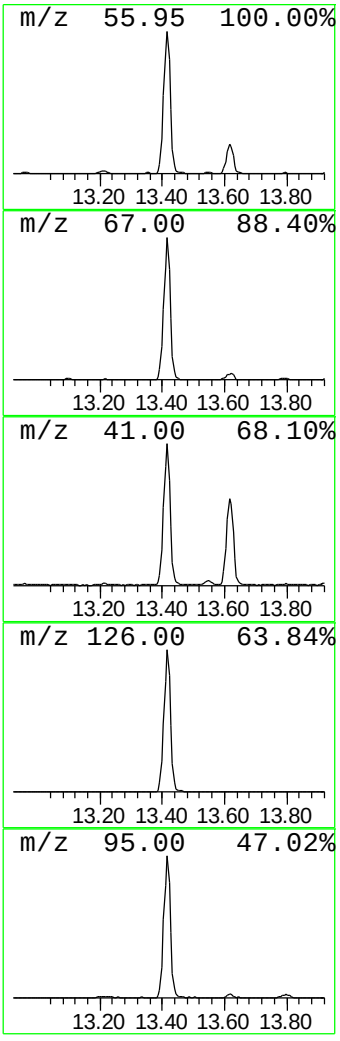
****

Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	5.03 ng/ul	1663020	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	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	37
3	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	005070-00-8	27
4	4-Decyne	138	C10H18	002384-86-3	27
5	4-Decyne	138	C10H18	002384-86-3	27





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091217\
Data File : BM011527.D
Acq On : 12 Sep 2017 20:48
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Sample : I5145-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK0

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

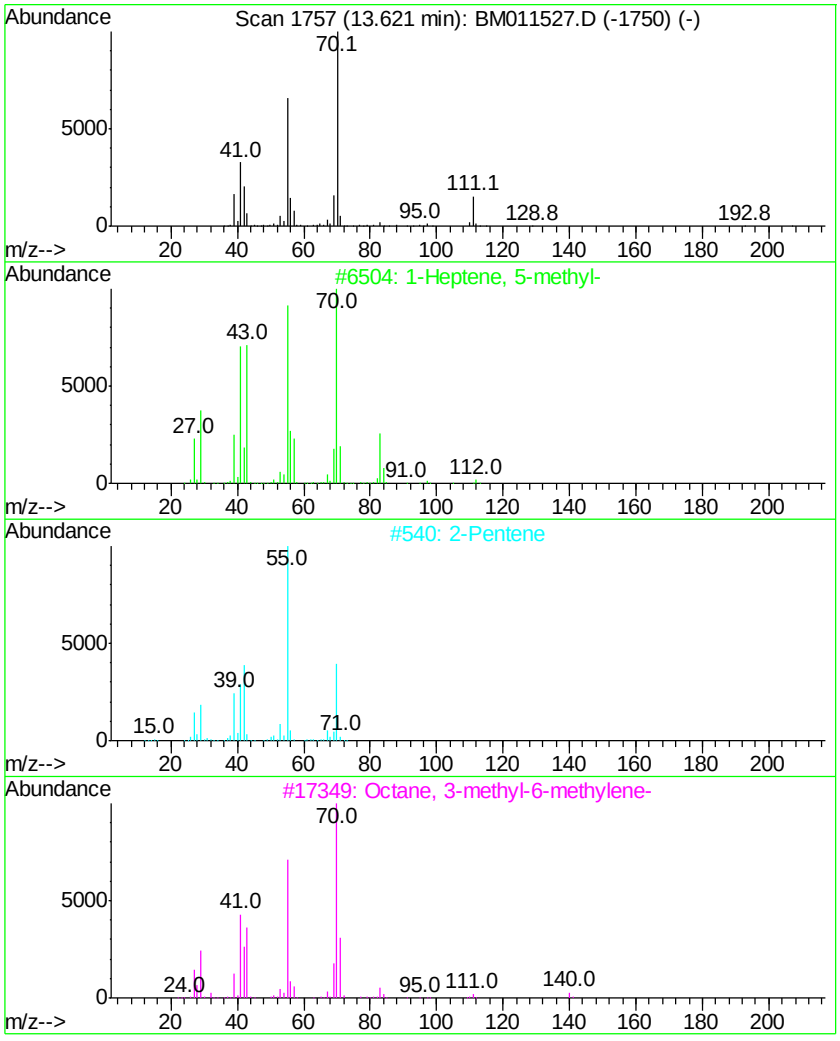
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

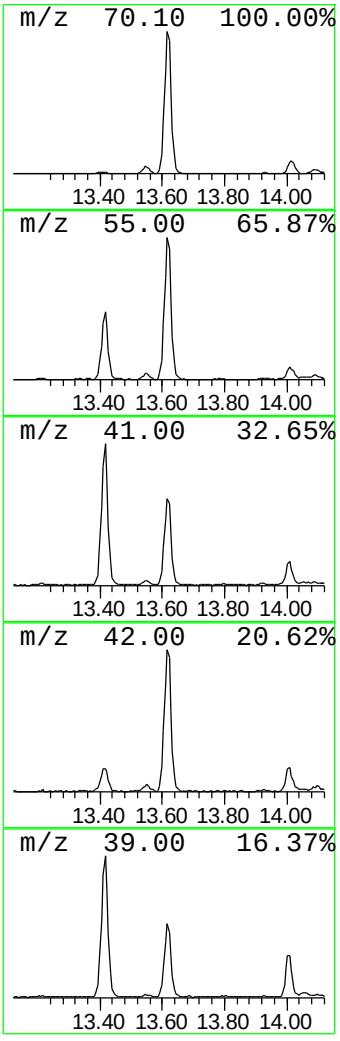
****

Peak Number 3 (DEL) Alkane: Cyclic13.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.00 ng/ul	992475	Acenaphthene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	64
2	2-Pentene	70	C5H10	000109-68-2	64
3	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	64
4	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	59
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	56





Library Search Compound Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK0

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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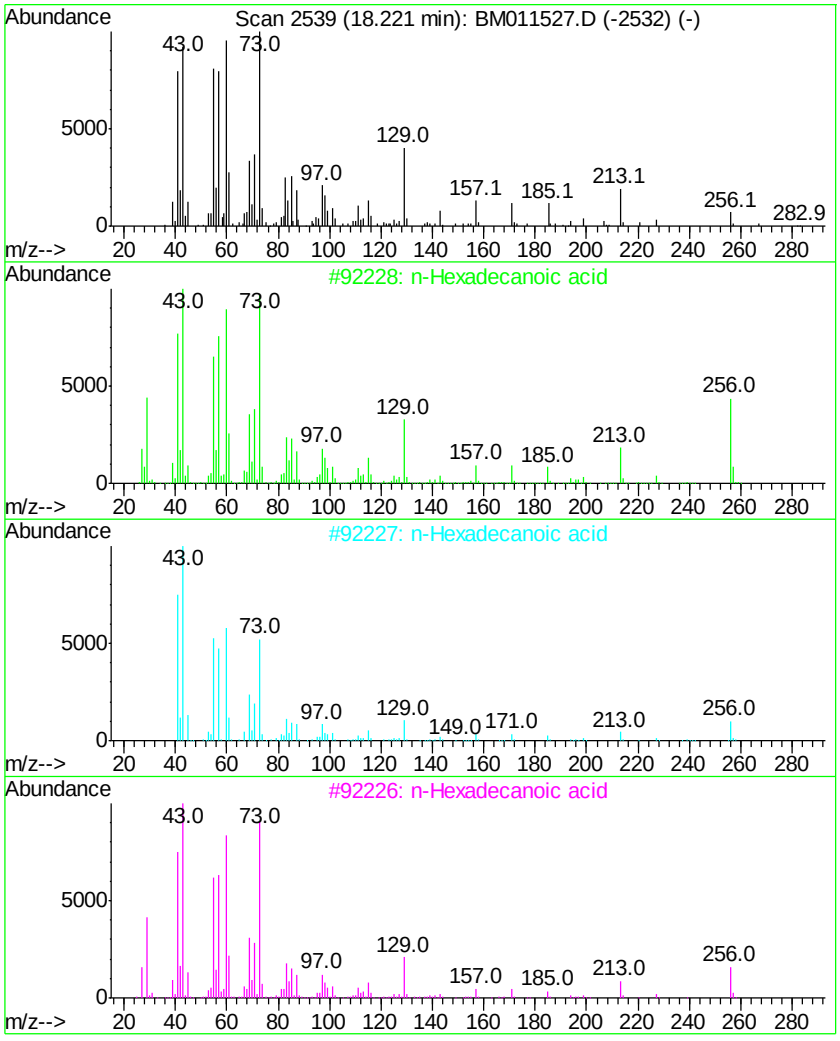
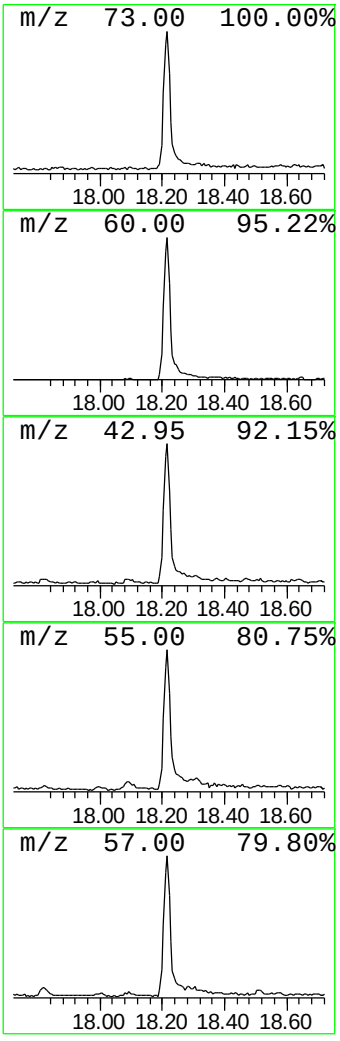
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.09 ng/ul	808879	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





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

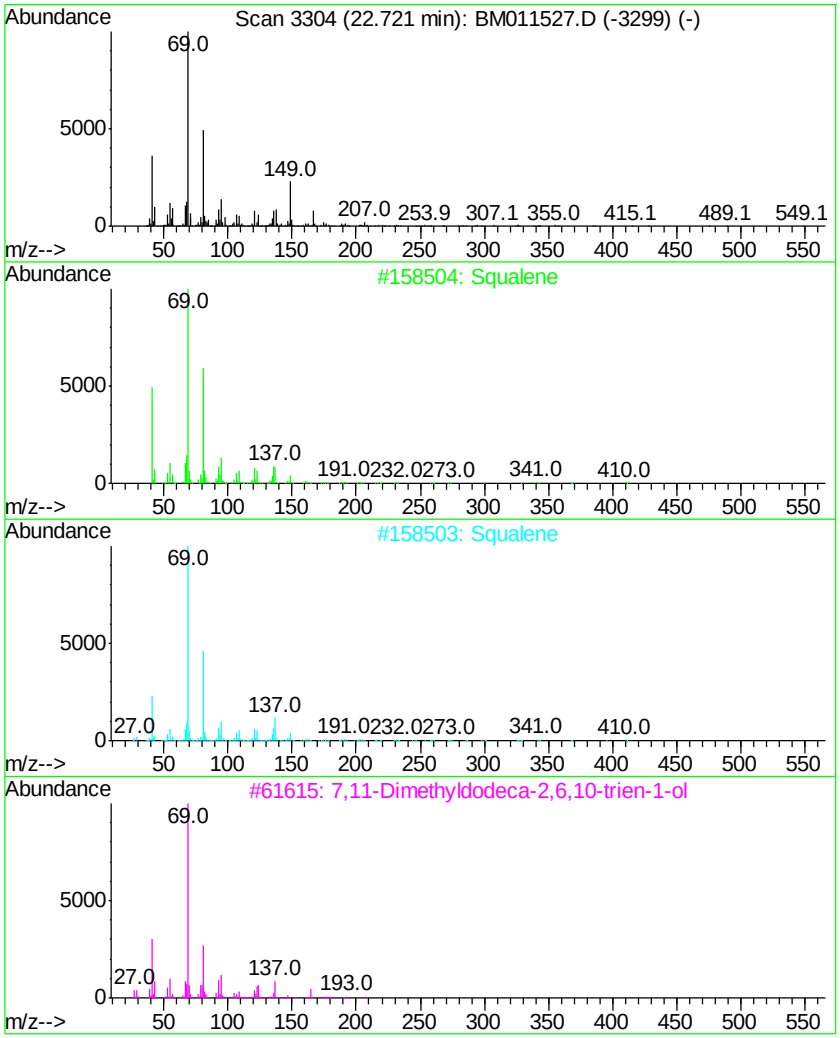
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

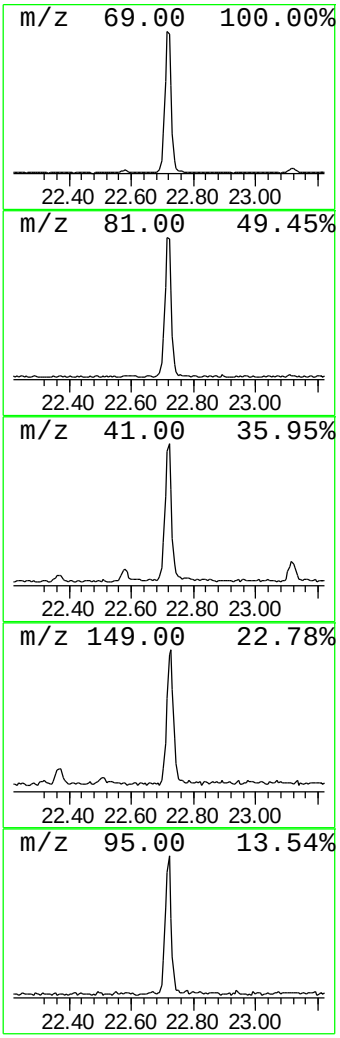
****

Peak Number 5 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	3.06 ng/ul	1171960	Perylene-d12	23.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	76
2	Squalene	410	C30H50	007683-64-9	64
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	53
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	53
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	50





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM091217\
Data File : BM011527.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK0

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	2.1	ng/ul	511085	2	10.78	4752170	20.0
unknown-02	13.42	5.0	ng/ul	1663020	3	14.60	6616420	20.0
(DEL) Alkane: Cyc...	13.62	3.0	ng/ul	992475	3	14.60	6616420	20.0
n-Hexadecanoic acid	18.22	2.1	ng/ul	808879	4	17.34	7734420	20.0
Squalene	22.72	3.1	ng/ul	1171960	6	23.88	7667590	20.0