LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
Data File : BM013665.D
Acq On : 19 Jan 2018 15:27
Operator : SJ/JU
Sample : J1141-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ0

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-BM011018.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	3.163	26	30	34	rBV3	25956	36856	1.61%	0.121%
2	6.798	640	648	662	rVB2	450618	861389	37.54%	2.823%
3	6.957	669	675	684	rBV	364892	559483	24.38%	1.834%
4	7.146	701	707	719	rBV	484440	787732	34.33%	2.582%
5	7.610	779	786	795	rBV	603649	967456	42.16%	3.171%
6	8.322	899	907	920	rBV	580992	975448	42.51%	3.197%
7	8.769	975	983	990	rBV	471477	786019	34.26%	2.576%
8	9.169	1048	1051	1056	rBV3	16490	23397	1.02%	0.077%
9	9.487	1098	1105	1114	rBV	398404	674045	29.38%	2.209%
10	10.022	1189	1196	1214	rBV	551345	987507	43.04%	3.236%
11	10.392	1251	1259	1266	rBV	791563	1344801	58.61%	4.407%
12	10.539	1277	1284	1296	rBV	481089	911302	39.71%	2.986%
13	11.728	1482	1486	1490	rBV6	18798	32855	1.43%	0.108%
14	13.575	1795	1800	1807	rBV3	127297	180063	7.85%	0.590%
15	13.680	1812	1818	1823	rBV	957209	1356151	59.10%	4.444%
16	13.727	1823	1826	1834	rVB	267799	370847	16.16%	1.215%
17	13.951	1858	1864	1876	rVB	1089180	1656476	72.19%	5.429%
18	14.222	1906	1910	1912	rBV3	63397	83259	3.63%	0.273%
19	14.263	1912	1917	1926	rVB2	1102373	1650248	71.92%	5.408%
20	14.492	1950	1956	1970	rBV	267138	551983	24.06%	1.809%
21	15.263	2079	2087	2094	rBV	1414525	1940297	84.56%	6.359%
22	15.398	2105	2110	2120	rBV	307533	510049	22.23%	1.672%
23	15.504	2124	2128	2135	rVB4	15742	23463	1.02%	0.077%
24	15.633	2145	2150	2158	rBV	136785	200486	8.74%	0.657%
25	16.680	2323	2328	2335	rBV7	11989	23636	1.03%	0.077%
26	17.015	2379	2385	2392	rVB2	1305822	1812204	78.98%	5.939%
27	17.115	2396	2402	2412	rBV	1405762	1976495	86.14%	6.477%
28	17.921	2533	2539	2544	rBV2	103731	159983	6.97%	0.524%
29	19.062	2727	2733	2736	rBV4	31071	53331	2.32%	0.175%
30	19.209	2753	2758	2766	rBV8	60956	123737	5.39%	0.406%
31	19.415	2788	2793	2801	rBV2	1556186	2170283	94.58%	7.112%
32	20.774	3020	3024	3028	rBV	247162	286865	12.50%	0.940%
33	20.933	3048	3051	3058	rVB2	143427	201204	8.77%	0.659%
34	21.215	3094	3099	3106	rVB	1616038	1988198	86.65%	6.516%

LSC Area Percent Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ0

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-BM011018.M
Title : SVOA CALIBRATION

35	23.274	3443	3449	3459	rVB2	1161396	2294610	100.00%	7.520%
36	23.415	3466	3473	3480	rBV	1043668	1952016	85.07%	6.397%

Sum of corrected areas: 30514174

LSC Report - Integrated Chromatogram

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Data File : BM013665.D
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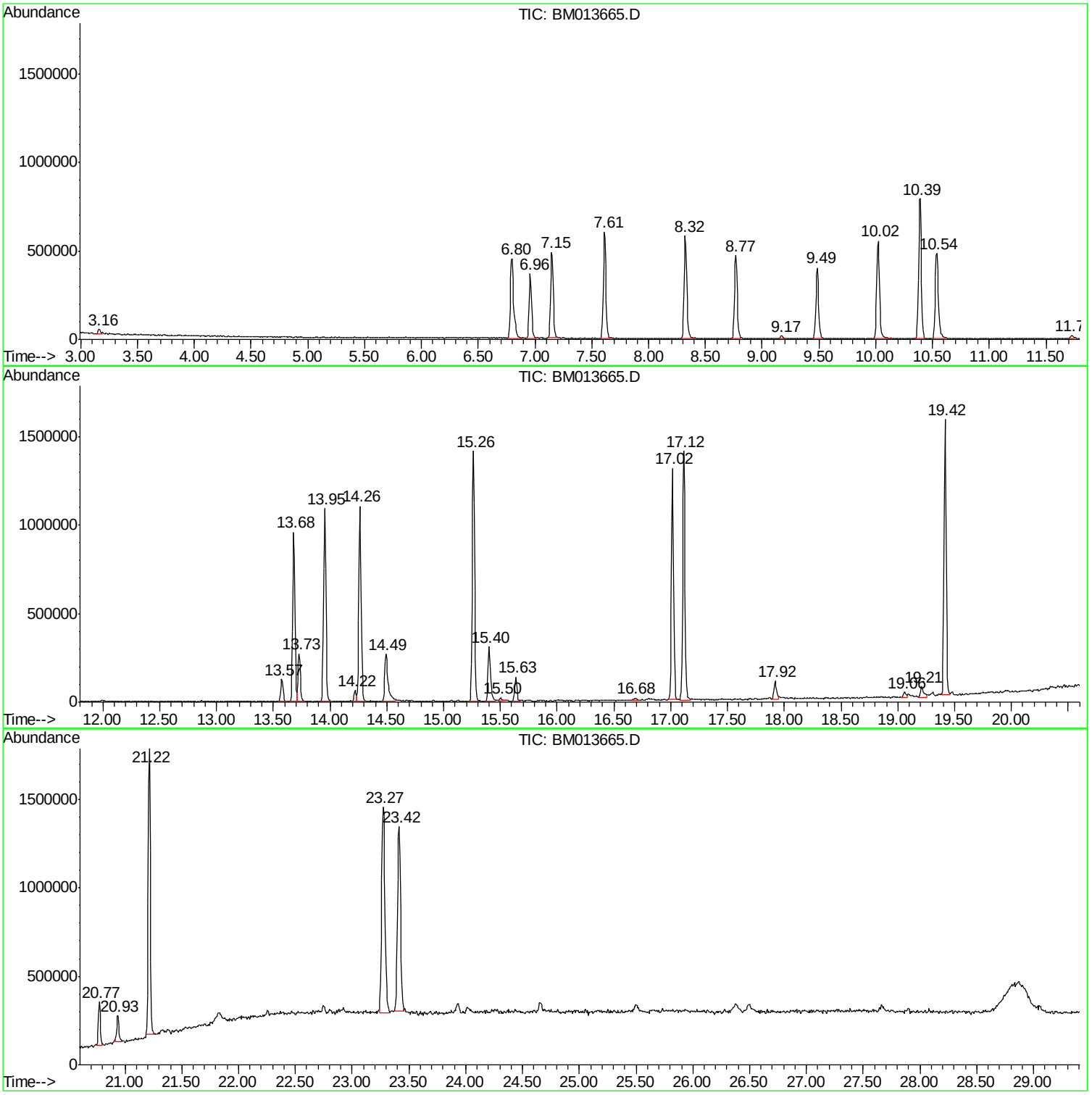
Operator : SJ/JU
Sample : J1141-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
Data File : BM013665.D
Acq On : 19 Jan 2018 15:27
Operator : SJ/JU
Sample : J1141-02
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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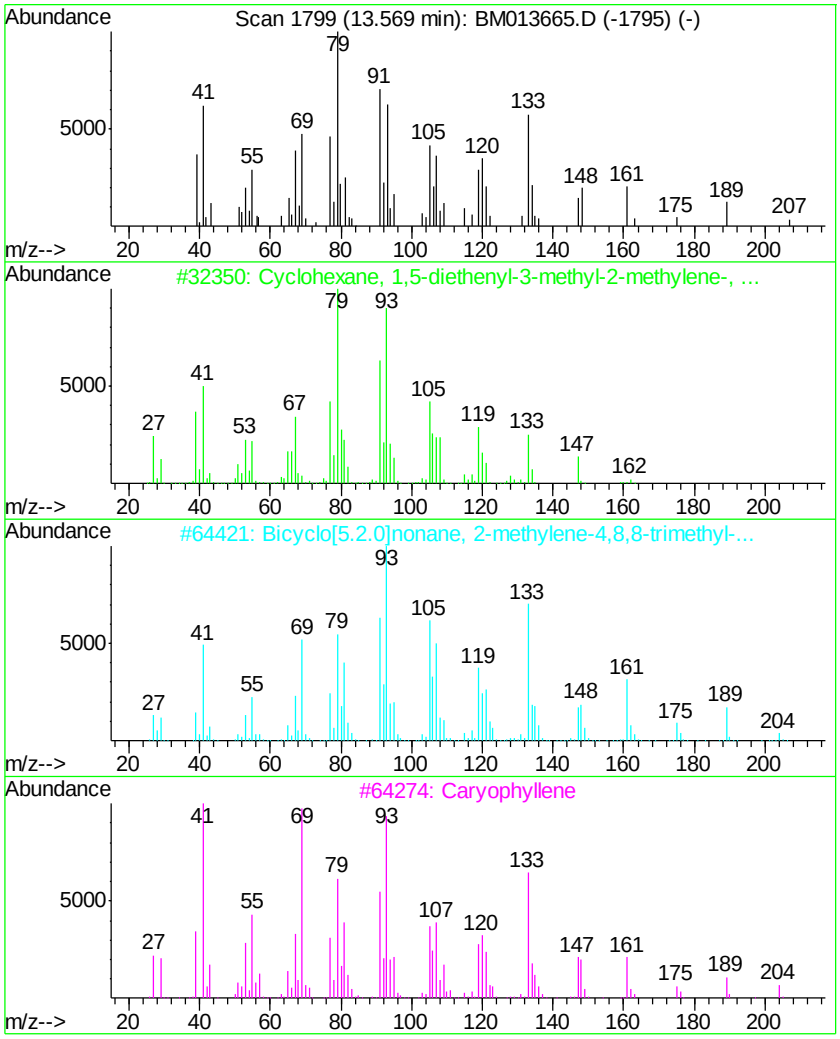
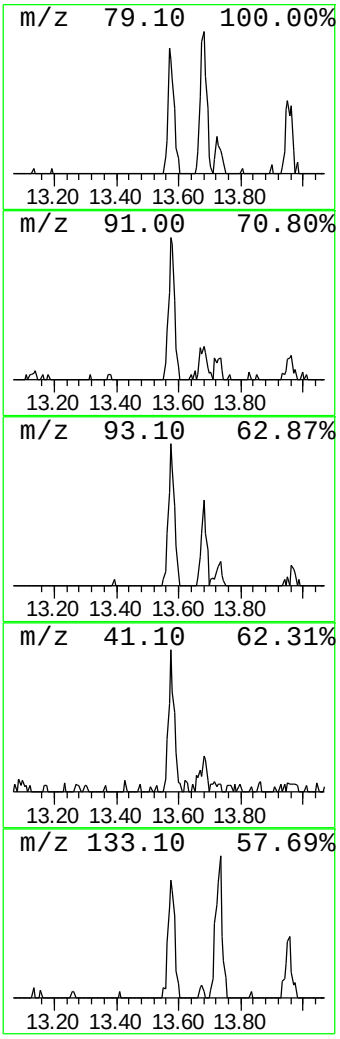
Peak Number 1 Cyclohexane, 1,5-diethenyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.18 ng/ul	180063	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,5-diethenyl-3-met...	162	C12H18	074742-35-1	91
2	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	81
3	Caryophyllene	204	C15H24	000087-44-5	72
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	53
5	Cyclohexene, 3,4-diethenyl-3-met...	148	C11H16	061141-77-3	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
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Sample : J1141-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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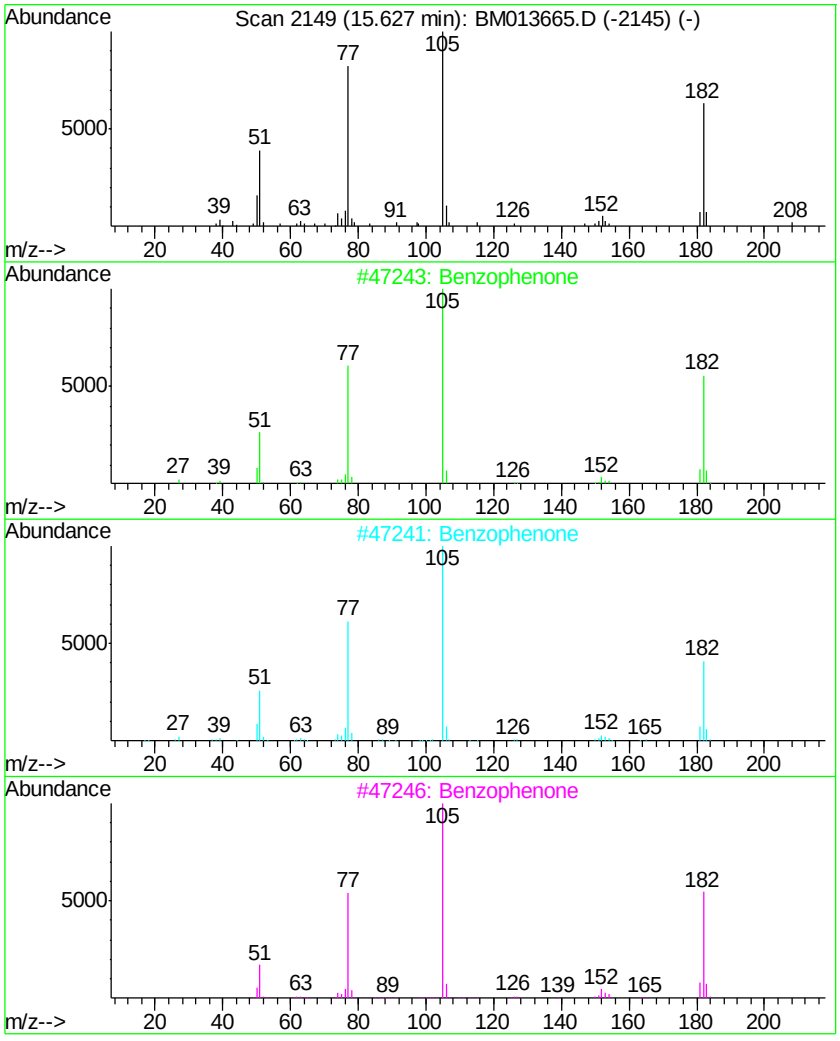
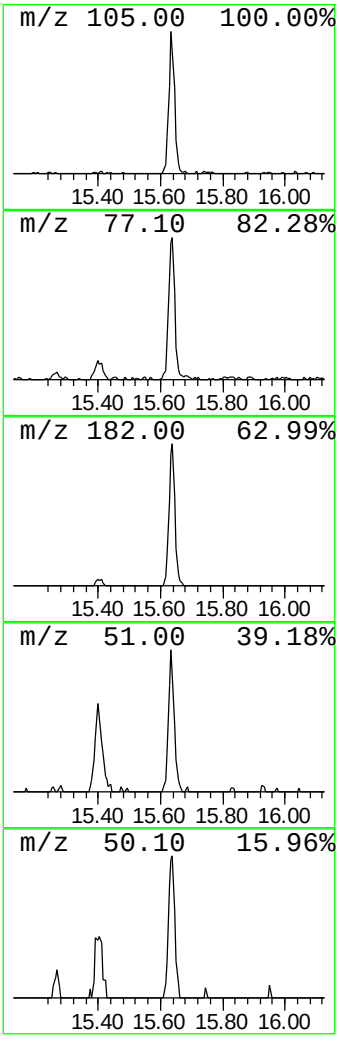
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.43 ng/ul	200486	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Operator : SJ/JU
Sample : J1141-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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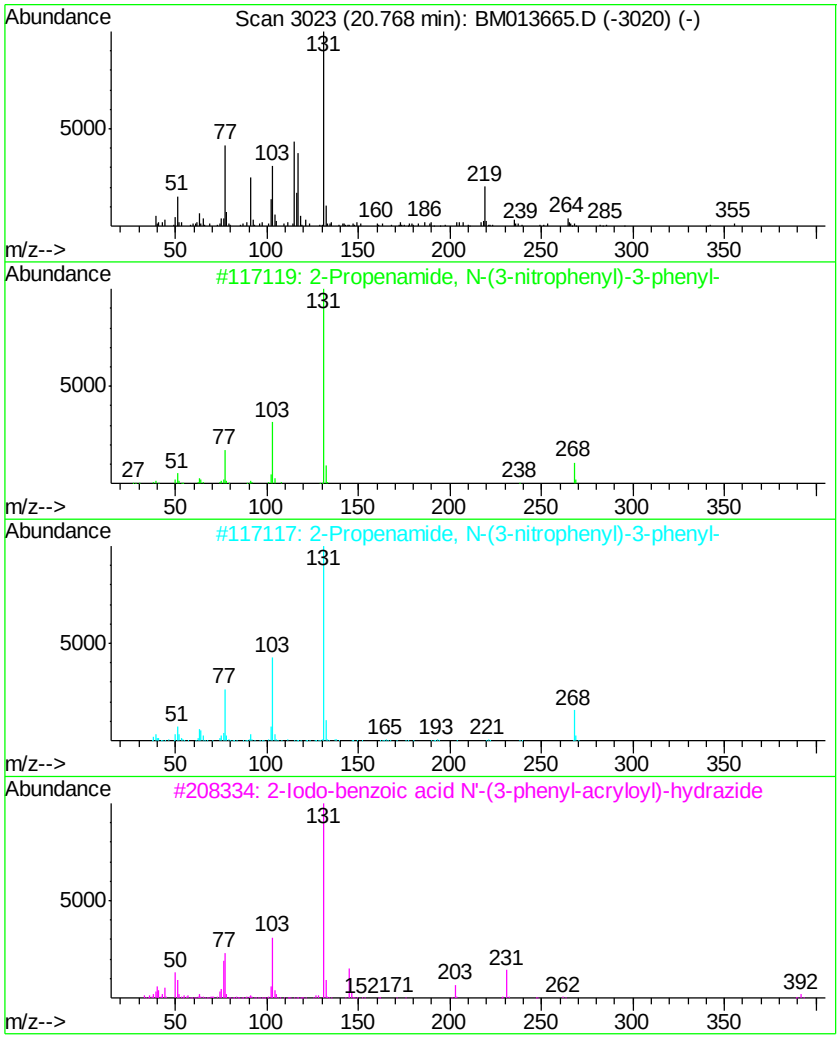
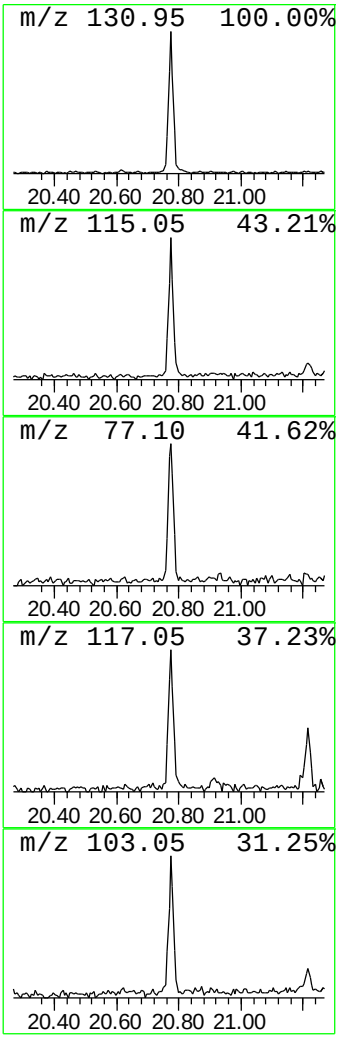
Peak Number 3 2-Propenamide, N-(3-nitroph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.89 ng/ul	286865	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenamide, N-(3-nitrophenyl)...	268	C15H12N2O3	055000-38-9	60
2	2-Propenamide, N-(3-nitrophenyl)...	268	C15H12N2O3	055000-38-9	49
3	2-Iodo-benzoic acid N'-(3-phenyl...	392	C16H13IN2O2	315672-62-9	47
4	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
5	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

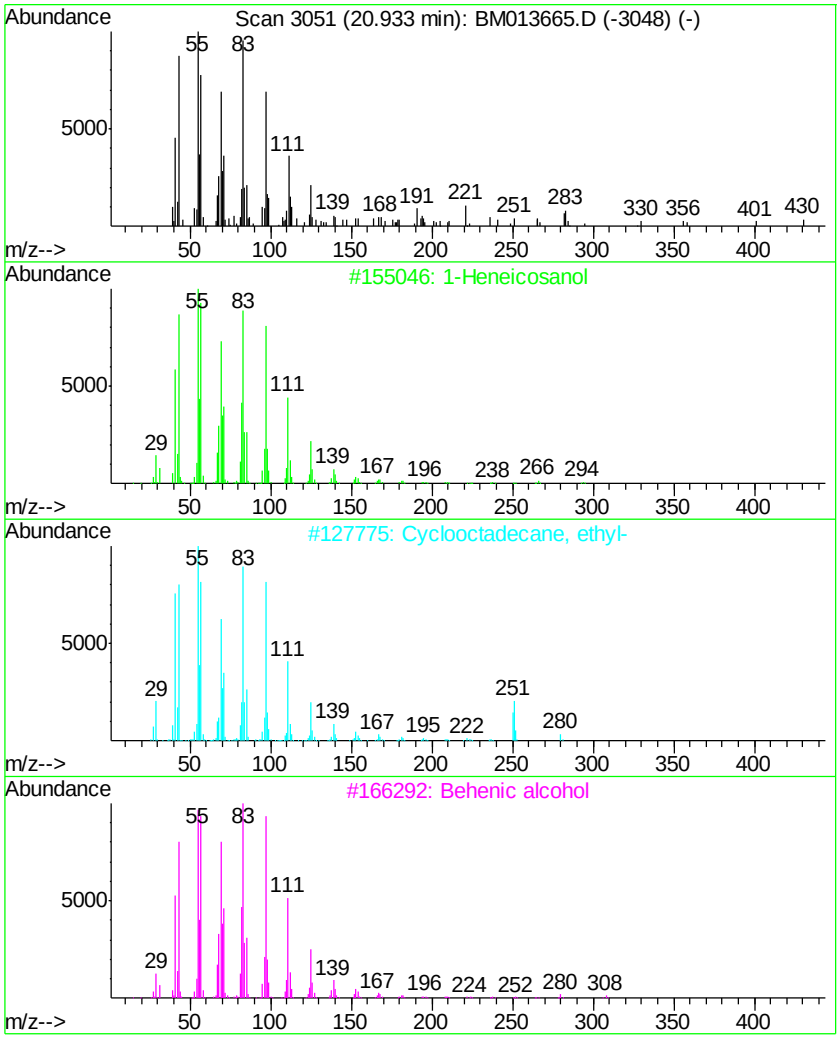
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

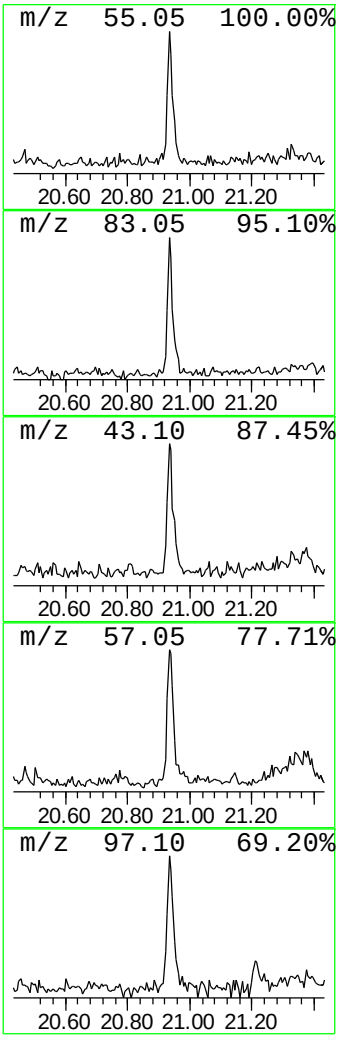
****

Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.02 ng/ul	201204	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	87
3	Behenic alcohol	326	C22H46O	000661-19-8	87
4	9-Nonadecene	266	C19H38	031035-07-1	83
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
Sample : J1141-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1,5-...	13.57	2.2	ng/ul	180063	3	14.26	1650250	20.0
Benzophenone	15.63	2.4	ng/ul	200486	3	14.26	1650250	20.0
2-Propenamide, N-...	20.77	2.9	ng/ul	286865	5	21.22	1988200	20.0
1-Heneicosanol	20.93	2.0	ng/ul	201204	5	21.22	1988200	20.0