LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013820.D
Acq On : 25 Jan 2018 23:46
Operator : SJ/JU
Sample : J1233-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B22

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	3.146	24	27	35	rVB2	36134	48742	1.50%	0.113%
2	4.757	295	301	307	rBV	180267	262260	8.05%	0.607%
3	5.951	500	504	510	rBV2	57717	84107	2.58%	0.195%
4	6.781	639	645	656	rBV2	589561	1094333	33.57%	2.534%
5	6.940	665	672	681	rBV	438637	704359	21.61%	1.631%
6	7.128	698	704	714	rBV	639385	1016695	31.19%	2.354%
7	7.593	773	783	791	rBV	566542	934791	28.68%	2.164%
8	8.304	897	904	915	rBV	738484	1257674	38.58%	2.912%
9	8.745	971	979	991	rBV	597444	1023674	31.40%	2.370%
10	9.463	1093	1101	1113	rBV	526365	903826	27.73%	2.092%
11	9.998	1186	1192	1208	rBV	726178	1329399	40.78%	3.078%
12	10.363	1245	1254	1260	rBV	706766	1199890	36.81%	2.778%
13	10.416	1260	1263	1270	rVB	86753	132595	4.07%	0.307%
14	10.516	1274	1280	1296	rBV	545285	1033228	31.70%	2.392%
15	11.216	1391	1399	1414	rBV	150707	375072	11.51%	0.868%
16	11.698	1476	1481	1489	rVB3	38333	71096	2.18%	0.165%
17	12.039	1534	1539	1547	rBV2	66679	116123	3.56%	0.269%
18	12.263	1572	1577	1582	rBV2	30504	47767	1.47%	0.111%
19	12.451	1601	1609	1617	rBV3	39486	84076	2.58%	0.195%
20	13.298	1750	1753	1765	rVB4	23331	46903	1.44%	0.109%
21	13.663	1809	1815	1819	rBV	1384873	1887783	57.91%	4.370%
22	13.710	1819	1823	1832	rVB	630881	882916	27.09%	2.044%
23	13.933	1851	1861	1871	rBV	1532312	2249042	69.00%	5.207%
24	14.245	1906	1914	1921	rBV2	933352	1497360	45.94%	3.467%
25	14.480	1949	1954	1968	rBV	397954	853257	26.18%	1.975%
26	14.651	1979	1983	1987	rBV	57429	79393	2.44%	0.184%
27	14.804	2003	2009	2013	rBV2	198889	299695	9.19%	0.694%
28	14.851	2013	2017	2020	rVV4	38865	60250	1.85%	0.139%
29	14.886	2020	2023	2029	rVB2	95492	130232	4.00%	0.302%
30	15.245	2077	2084	2090	rBV	1780901	2664001	81.73%	6.168%
31	15.298	2090	2093	2100	rVB3	24819	40267	1.24%	0.093%
32	15.386	2102	2108	2119	rBV	539842	864965	26.54%	2.003%
33	15.480	2119	2124	2128	rVB4	22965	35186	1.08%	0.081%
34	15.616	2139	2147	2157	rBV	225376	324276	9.95%	0.751%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1233-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B22

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	16.651	2317	2323	2336	rBV	1367317	2126338	65.23%	4.923%
36	16.998	2372	2382	2387	rBV	1282254	1793796	55.03%	4.153%
37	17.033	2387	2388	2393	rVV2	54982	72176	2.21%	0.167%
38	17.098	2393	2399	2410	rVB	1947851	2844274	87.26%	6.585%
39	17.415	2446	2453	2460	rBV2	89185	142461	4.37%	0.330%
40	17.904	2531	2536	2546	rBV2	497962	727315	22.31%	1.684%
41	17.974	2546	2548	2555	rVB7	20832	33134	1.02%	0.077%
42	19.039	2725	2729	2732	rBV3	50470	76997	2.36%	0.178%
43	19.068	2732	2734	2741	rVB7	36206	60351	1.85%	0.140%
44	19.192	2750	2755	2765	rBV4	223498	376721	11.56%	0.872%
45	19.398	2784	2790	2797	rBV	2446460	3259665	100.00%	7.547%
46	19.462	2797	2801	2805	rVV6	26502	33227	1.02%	0.077%
47	19.927	2877	2880	2885	rBV7	22084	45306	1.39%	0.105%
48	20.915	3044	3048	3054	rBV2	535396	708787	21.74%	1.641%
49	21.197	3091	3096	3102	rBV	1619598	2100967	64.45%	4.864%
50	23.250	3439	3445	3453	rVB2	1715118	3238812	99.36%	7.498%
51	23.386	3463	3468	3479	rVB	1007885	1918490	58.86%	4.442%

Sum of corrected areas: 43194050

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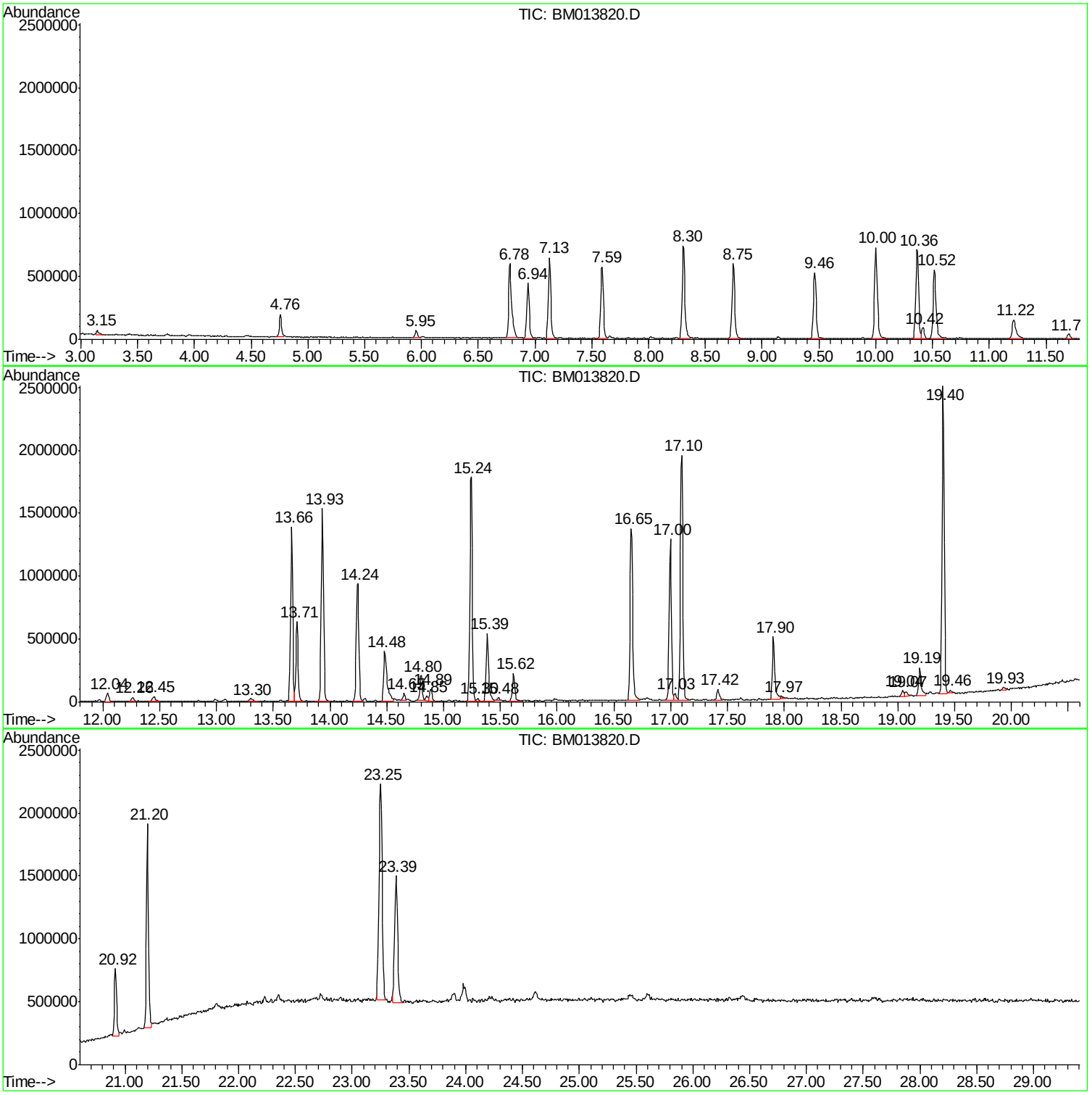
Instrument :
BNA_M
ClientSampleId :
F6B22

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\BM012518\
Data File : BM013820.D
Acq On : 25 Jan 2018 23:46
Operator : SJ/JU
Sample : J1233-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B22

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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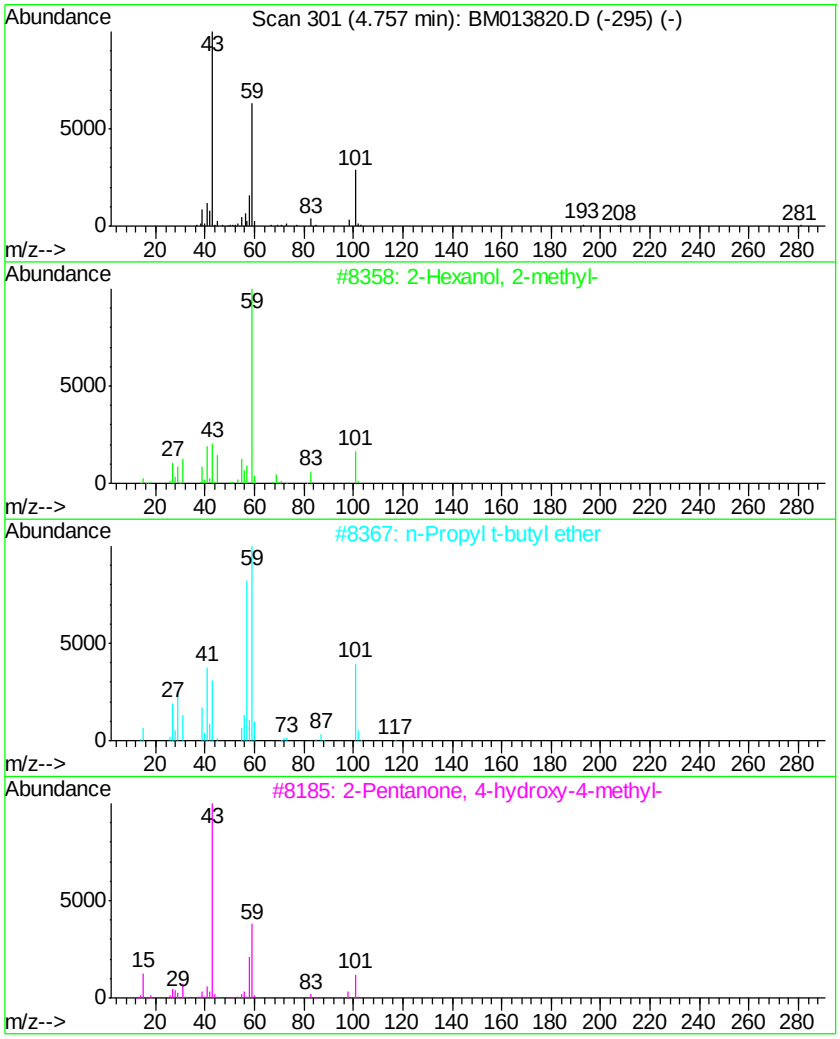
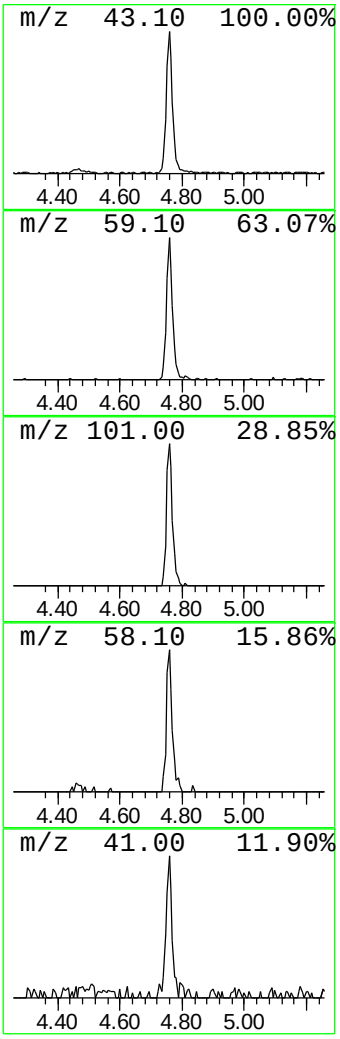
Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	5.61 ng/ul	262260	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	25
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013820.D
Acq On : 25 Jan 2018 23:46
Operator : SJ/JU
Sample : J1233-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B22

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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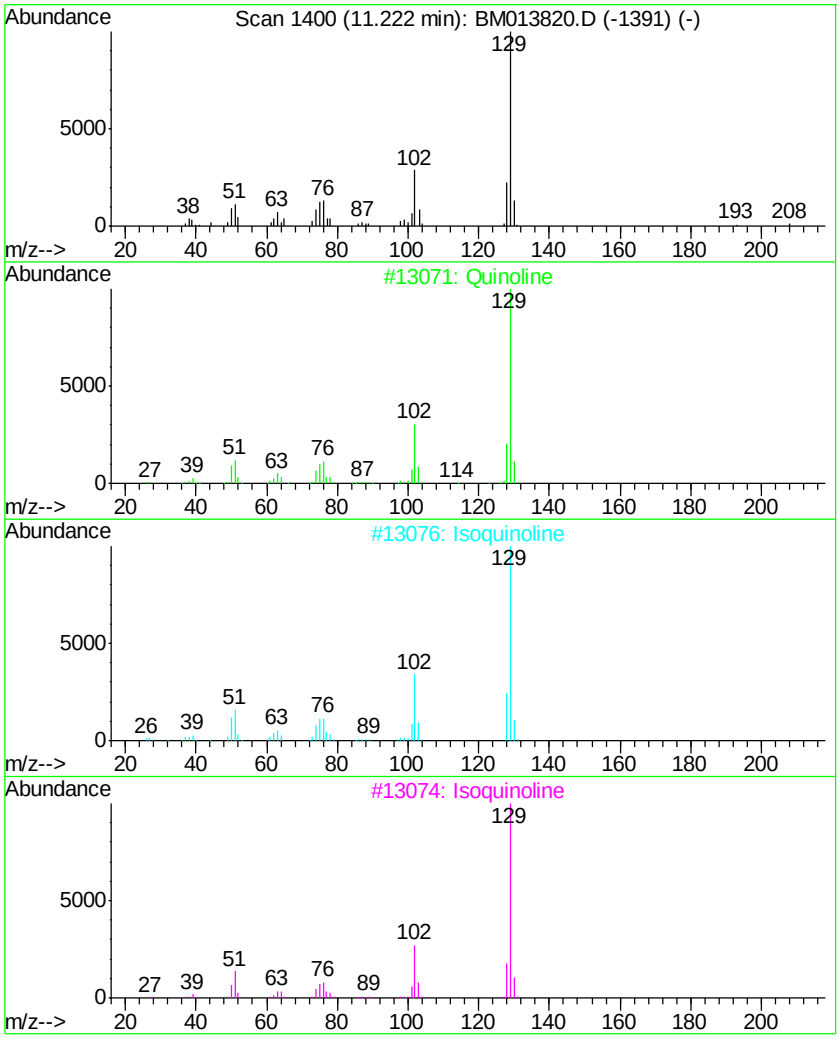
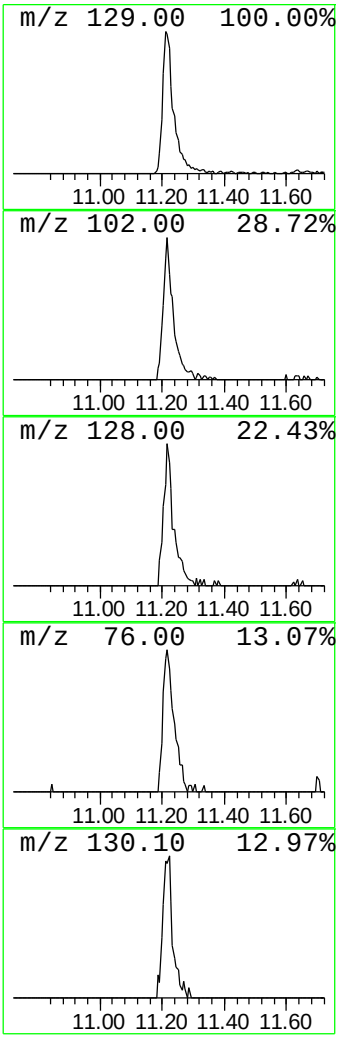
Peak Number 2 Quinoline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	6.25 ng/ul	375072	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	96
2	Isoquinoline	129	C9H7N	000119-65-3	96
3	Isoquinoline	129	C9H7N	000119-65-3	95
4	Isoquinoline	129	C9H7N	000119-65-3	90
5	Quinoline	129	C9H7N	000091-22-5	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013820.D
Acq On : 25 Jan 2018 23:46
Operator : SJ/JU
Sample : J1233-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B22

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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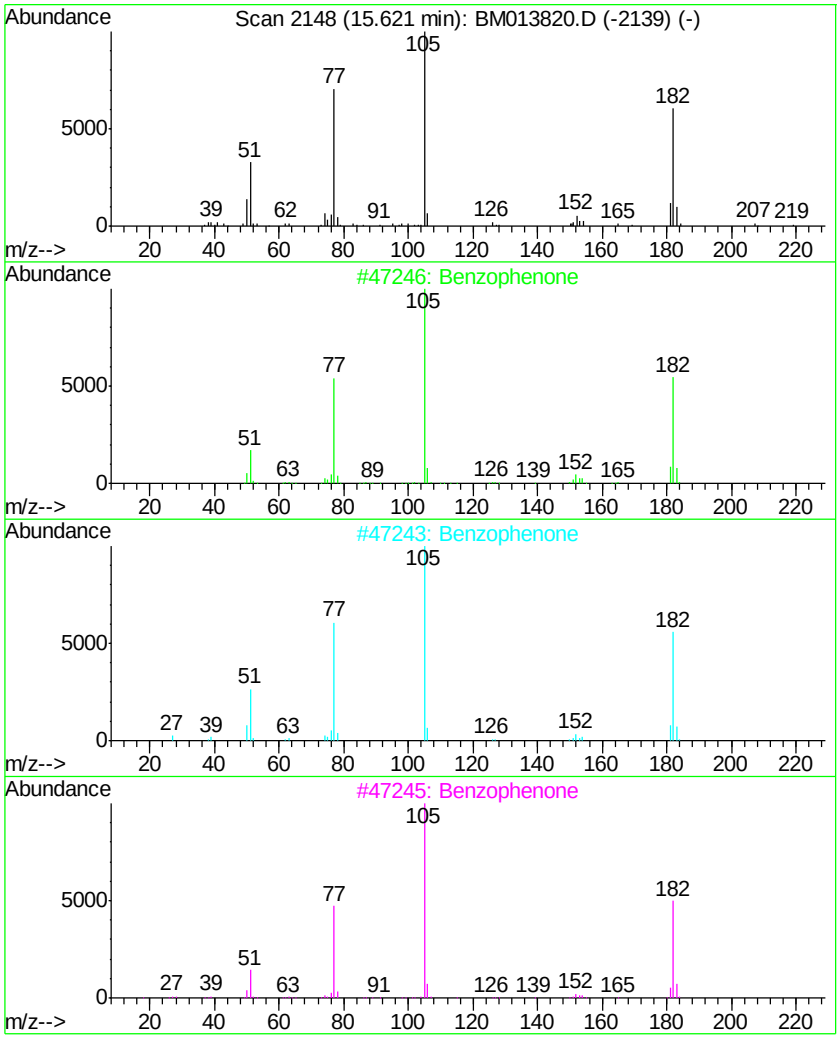
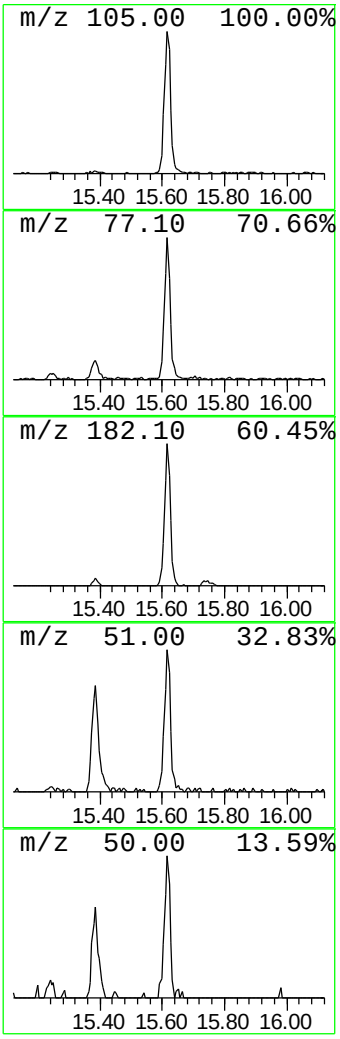
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	4.33 ng/ul	324276	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzophenone	182	C13H10O	000119-61-9	93
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	89





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Sample : J1233-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B22

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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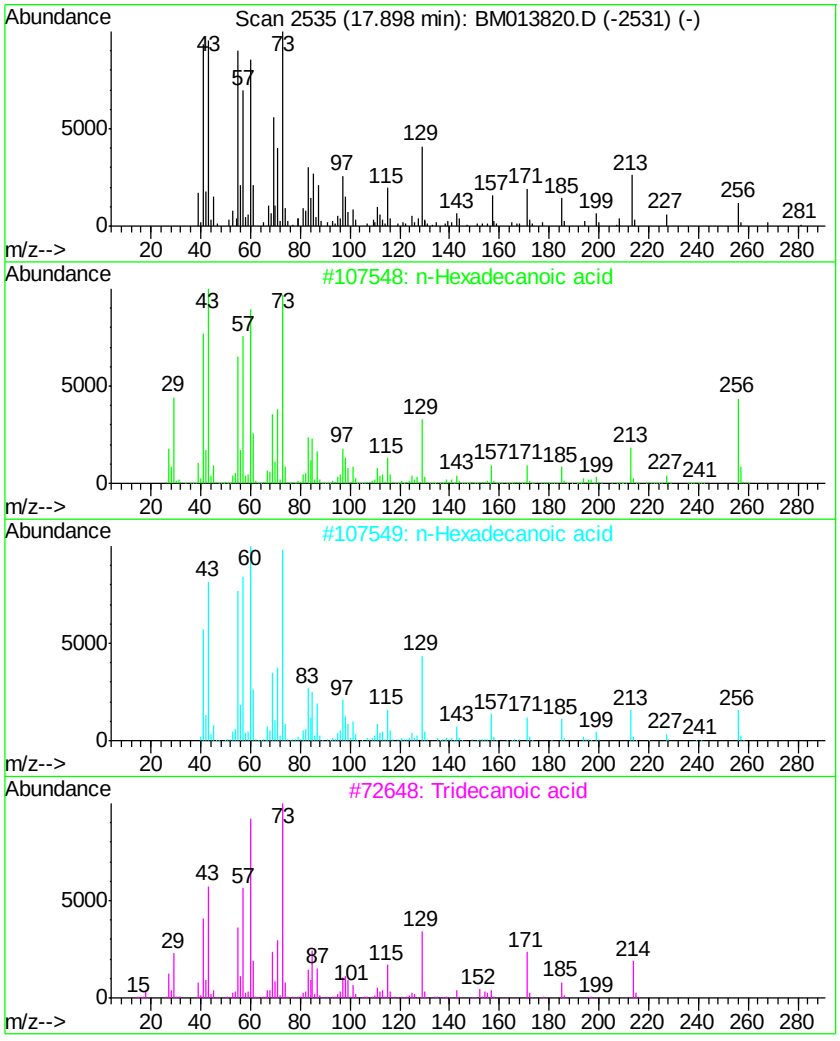
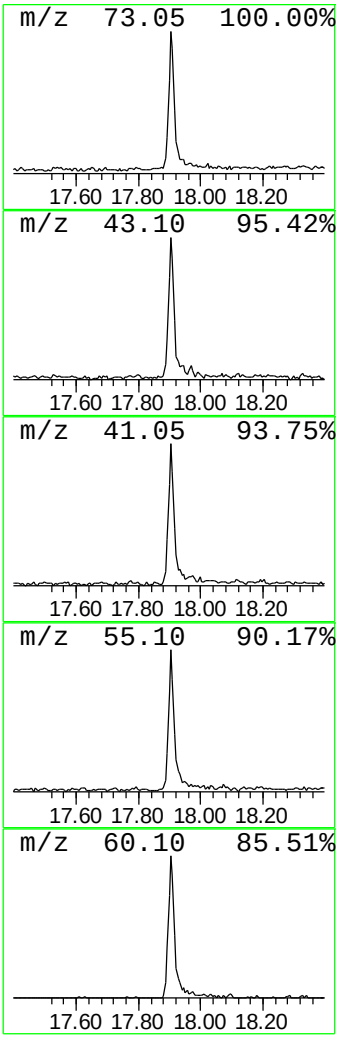
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	8.11 ng/ul	727315	Phenanthrene-d10	17.00

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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Sample : J1233-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B22

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

TIC Library : C:\DATABASE\NIST11.L
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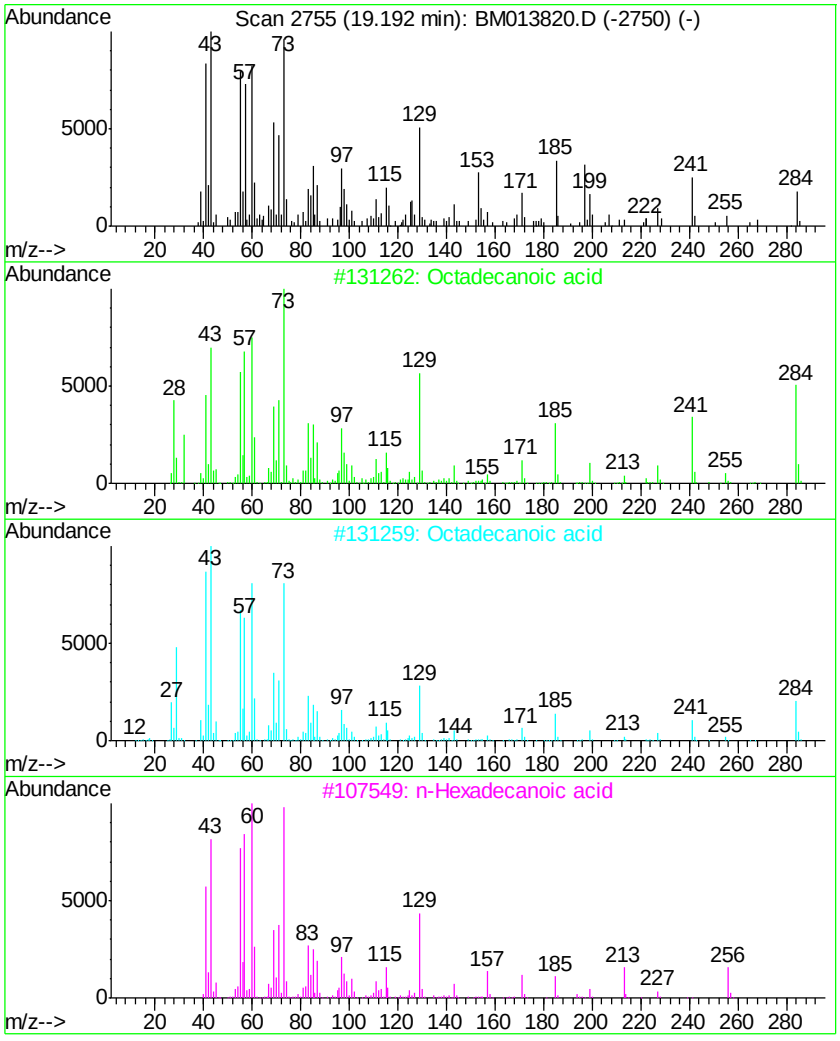
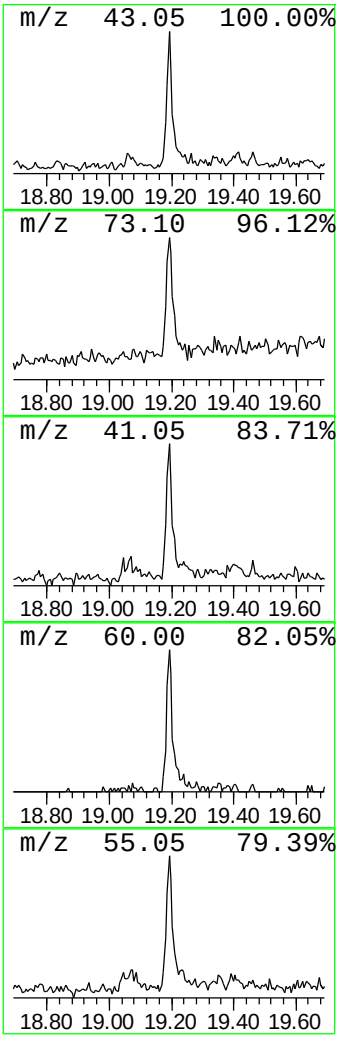
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	3.59 ng/ul	376721	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	68
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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Quant Title : SVOA CALIBRATION

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

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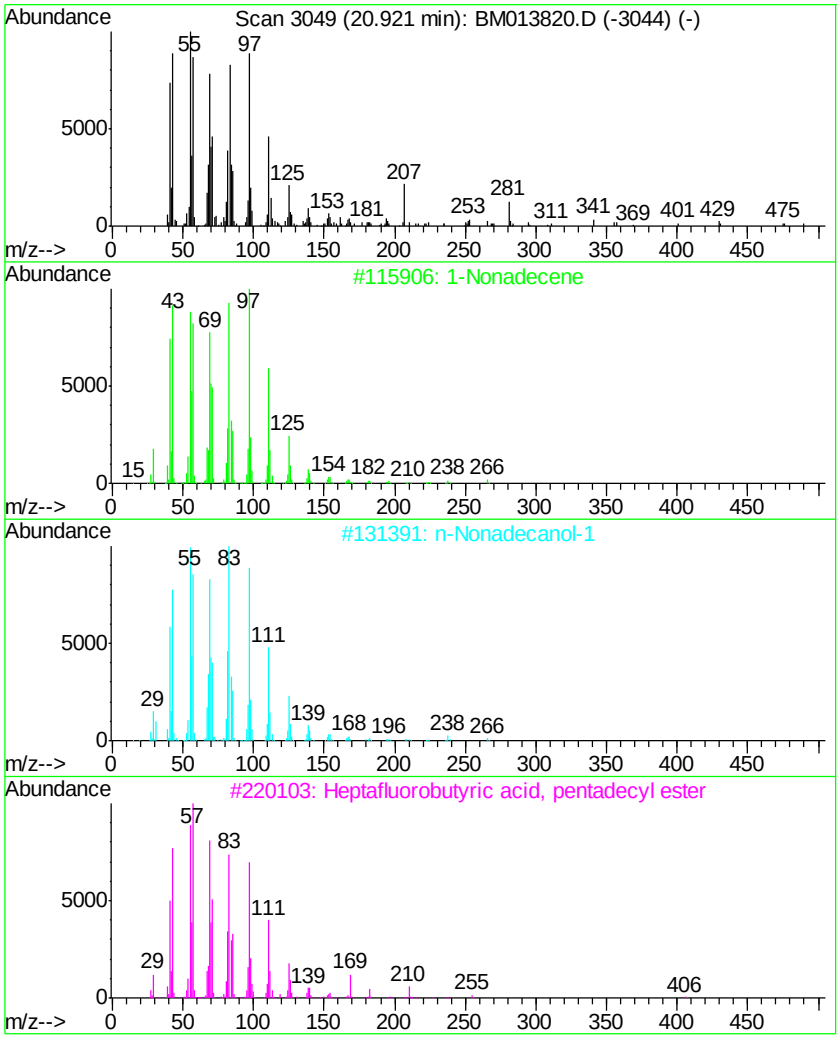
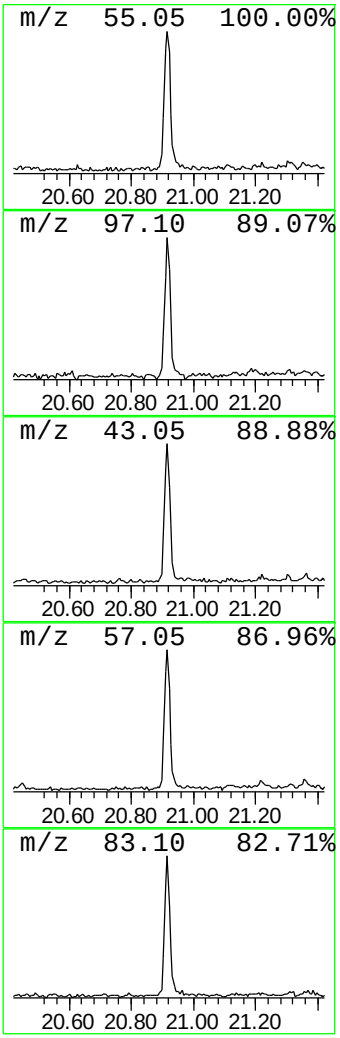
Peak Number 6 (DEL) Alkane: Cyclic20.92 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.75 ng/ul	708787	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





Tentatively Identified Compound (LSC) summary

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Data File : BM013820.D
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Misc :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	4.76	5.6	ng/ul	262260	1	7.59	934791	20.0
Quinoline	11.22	6.3	ng/ul	375072	2	10.37	1199890	20.0
Benzophenone	15.62	4.3	ng/ul	324276	3	14.24	1497360	20.0
n-Hexadecanoic acid	17.90	8.1	ng/ul	727315	4	17.00	1793800	20.0
Octadecanoic acid	19.19	3.6	ng/ul	376721	5	21.20	2100970	20.0
(DEL) Alkane: Cyc...	20.92	6.8	ng/ul	708787	5	21.20	2100970	20.0