LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102525.D
Acq On : 27 Jan 2018 22:03
Operator : SJ/JU
Sample : J1022-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-012618

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.252	364	368	380	rBV	129939	182632	5.23%	0.636%
2	4.910	476	480	490	rBV	273560	362947	10.39%	1.264%
3	5.328	547	551	570	rBV	2945045	3039064	87.04%	10.588%
4	6.363	722	727	730	rBV	3143470	3491615	100.00%	12.164%
5	6.487	744	748	751	rBV	3500726	3320260	95.09%	11.567%
6	6.716	783	787	795	rBV	1075908	923385	26.45%	3.217%
7	6.869	809	813	817	rBV	2791985	2551413	73.07%	8.889%
8	7.287	879	884	887	rBV	2209021	2182506	62.51%	7.604%
9	7.998	1001	1005	1011	rVB	1412043	1147947	32.88%	3.999%
10	8.287	1046	1054	1060	rBV6	25054	55729	1.60%	0.194%
11	8.416	1072	1076	1078	rBV	56681	54322	1.56%	0.189%
12	9.075	1183	1188	1191	rBV	3567784	3103112	88.87%	10.811%
13	9.151	1197	1201	1203	rVB	65008	59411	1.70%	0.207%
14	9.469	1249	1255	1259	rBV	303091	312928	8.96%	1.090%
15	9.610	1276	1279	1281	rBV2	37953	36060	1.03%	0.126%
16	9.681	1288	1291	1295	rVB	111246	98336	2.82%	0.343%
17	9.751	1299	1303	1312	rVB	1416980	1222571	35.01%	4.259%
18	9.998	1342	1345	1348	rBV2	39011	35202	1.01%	0.123%
19	10.175	1372	1375	1378	rBV	152144	120334	3.45%	0.419%
20	10.392	1409	1412	1415	rVB	43391	41556	1.19%	0.145%
21	10.539	1434	1437	1447	rBV	1216687	1242971	35.60%	4.330%
22	10.651	1453	1456	1465	rVB	124534	157567	4.51%	0.549%
23	11.098	1529	1532	1534	rBV	50460	46745	1.34%	0.163%
24	11.233	1552	1555	1559	rBV	942818	942826	27.00%	3.285%
25	12.451	1759	1762	1765	rBV	95833	86275	2.47%	0.301%
26	12.680	1796	1801	1805	rBV	109989	133628	3.83%	0.466%
27	12.822	1821	1825	1828	rBV	2270403	2043154	58.52%	7.118%
28	13.716	1974	1977	1986	rBV2	174803	257566	7.38%	0.897%
29	13.880	2001	2005	2008	rBV	826420	846891	24.25%	2.950%
30	15.310	2244	2248	2255	rVB	519702	604614	17.32%	2.106%

Sum of corrected areas: 28703567

LSC Report - Integrated Chromatogram

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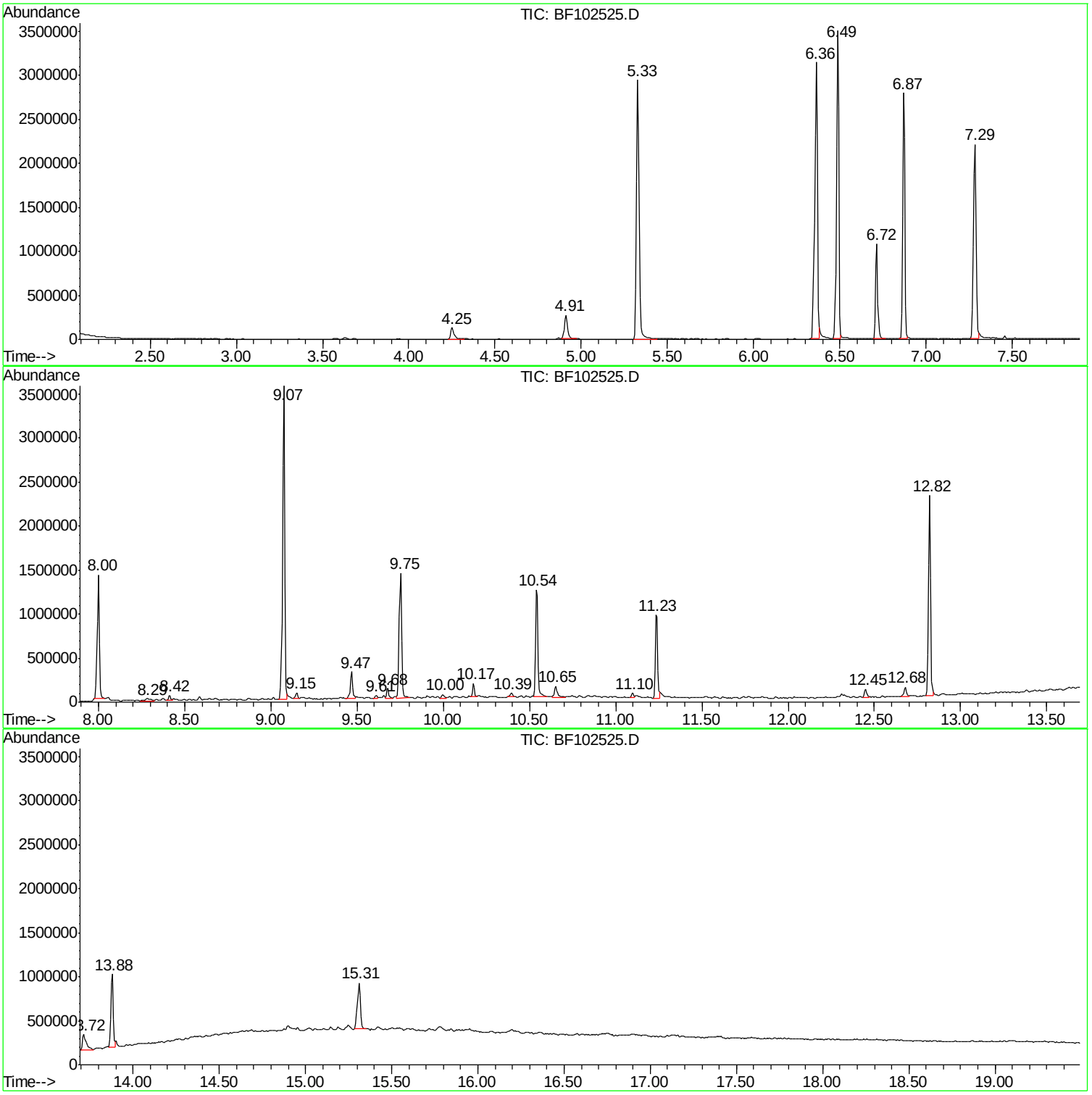
Sample : J1022-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-012618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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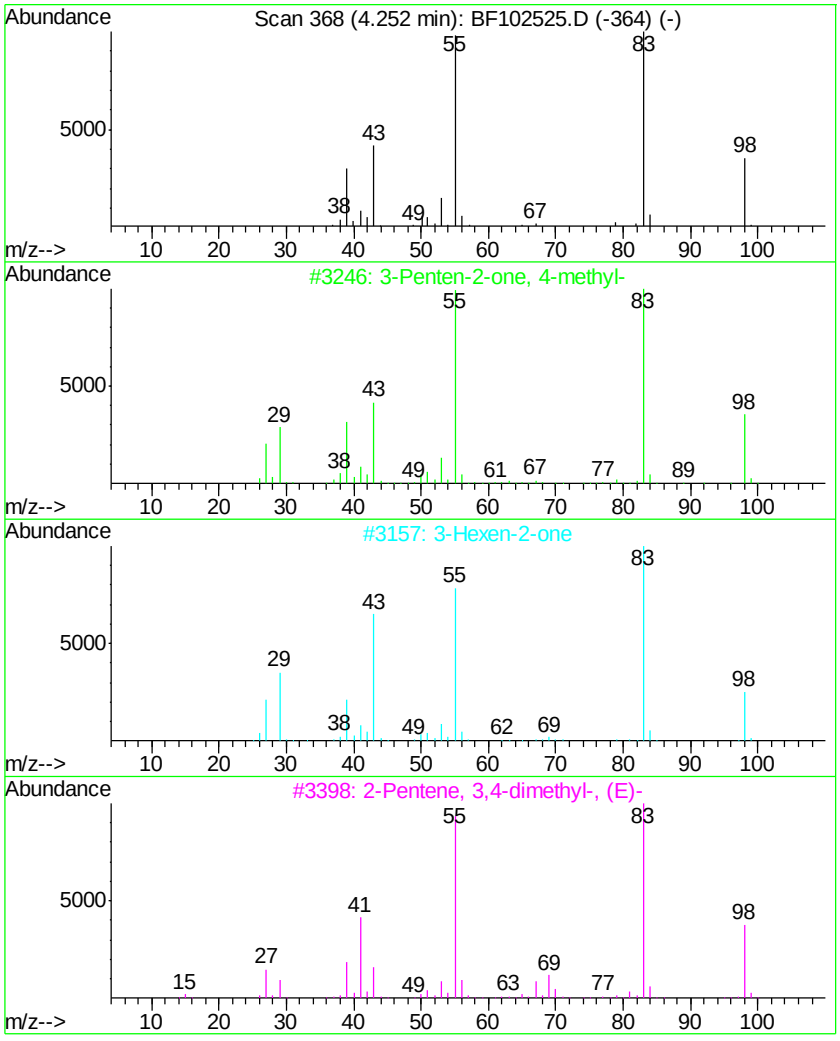
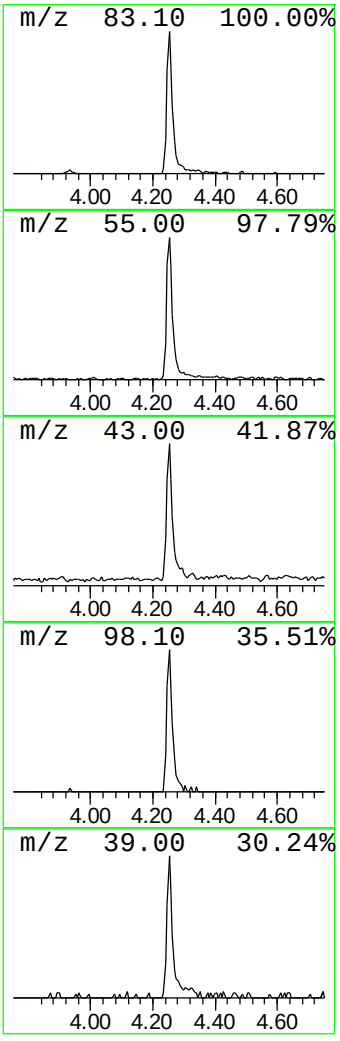
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	3.96 ng	182632	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80





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Acq On : 27 Jan 2018 22:03
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Sample : J1022-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-012618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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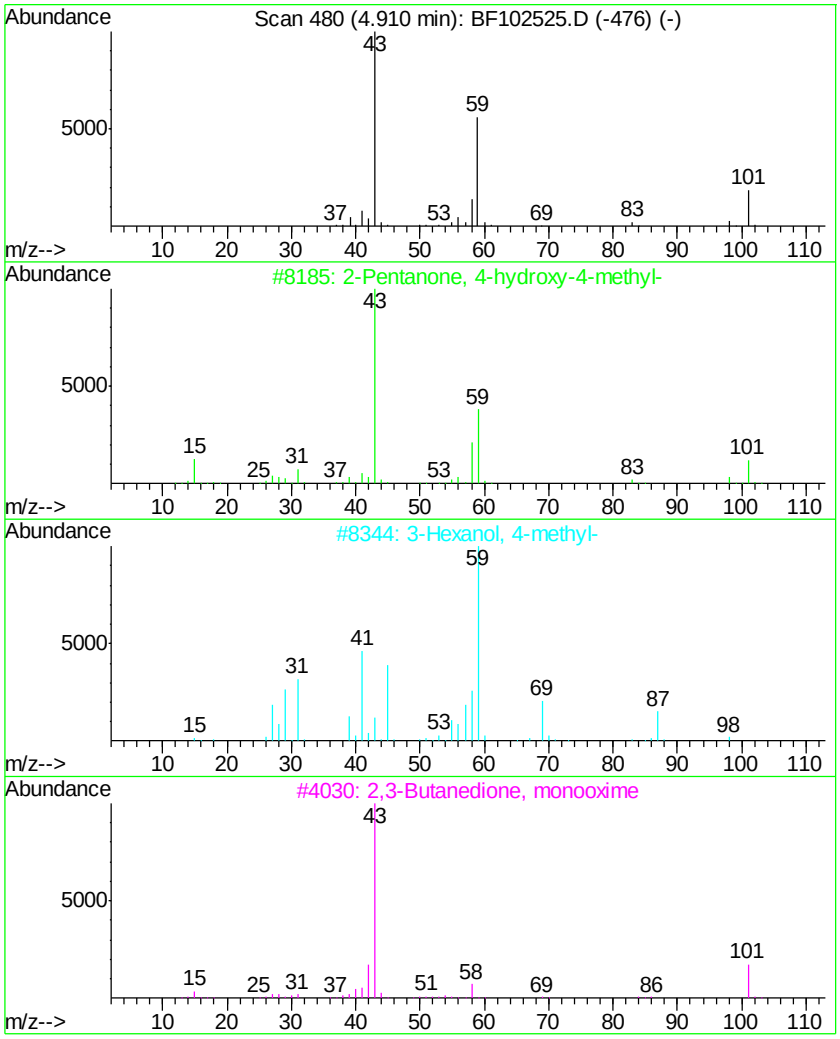
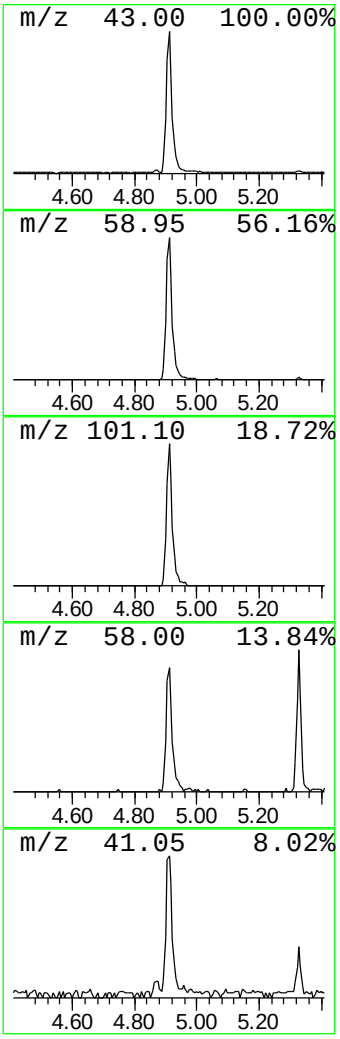
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	7.86 ng	362947	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-03-012618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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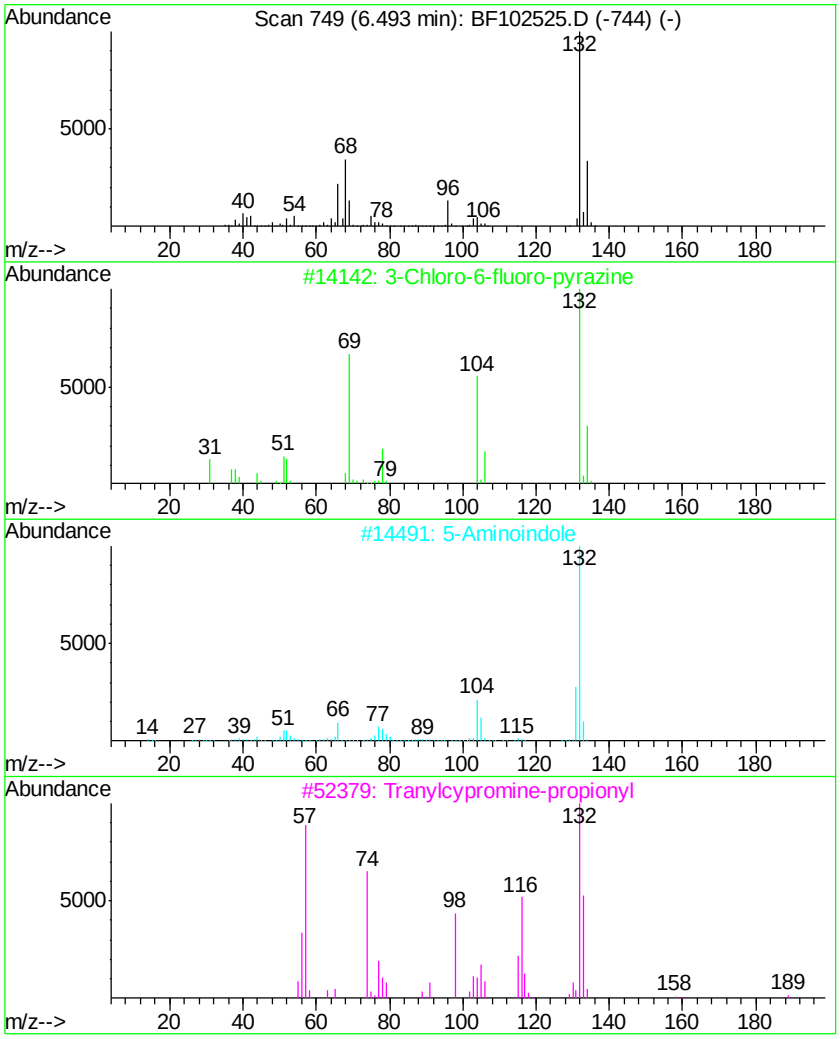
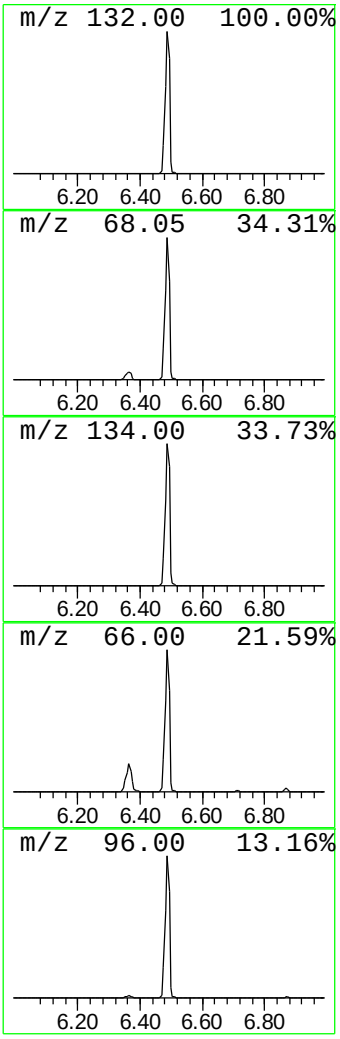
Peak Number 3 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	71.92 ng	3320260	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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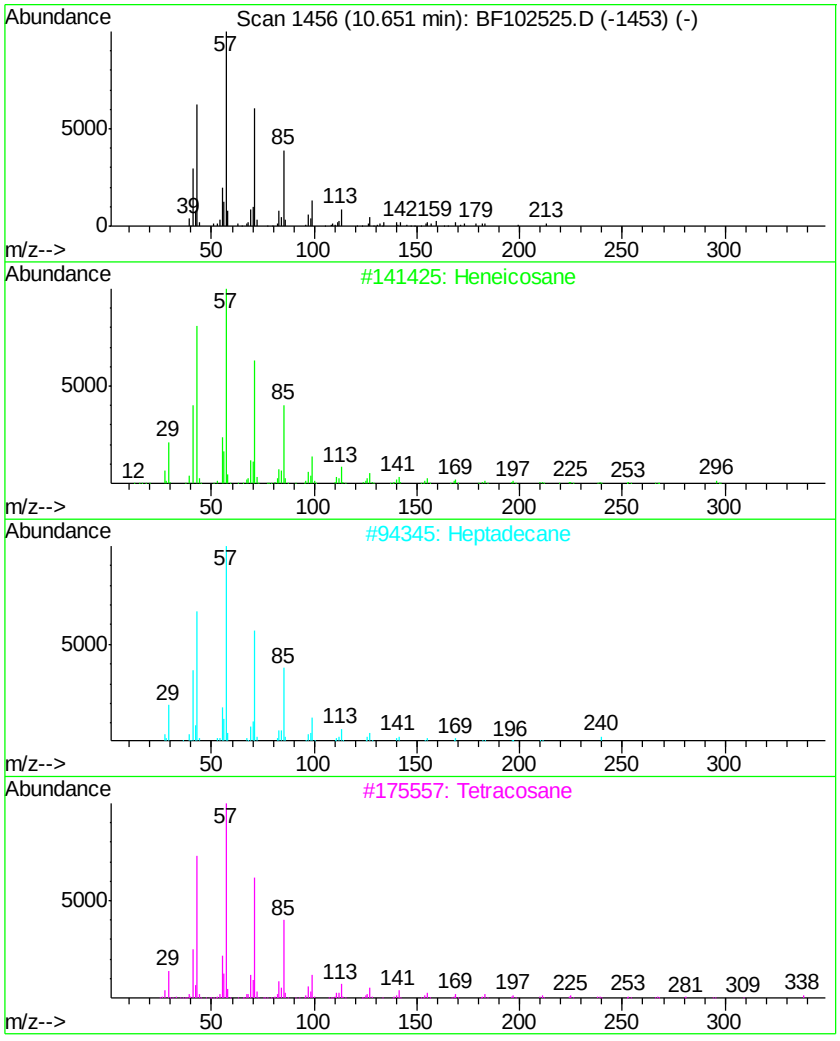
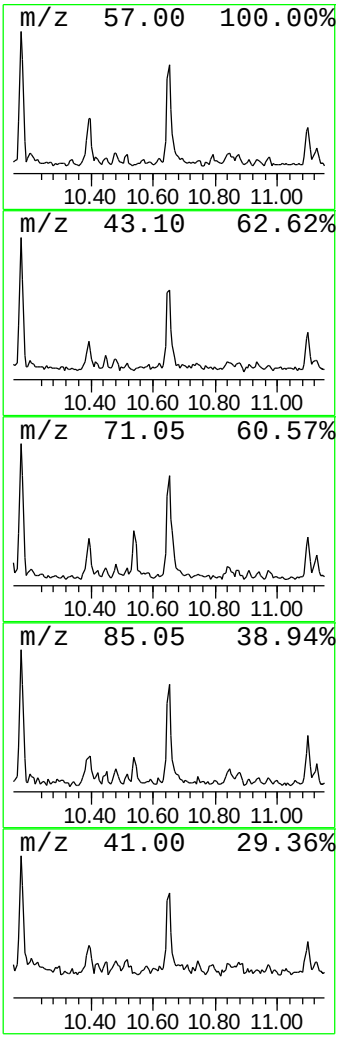
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	3.34 ng	157567	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90





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Acq On : 27 Jan 2018 22:03
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-012618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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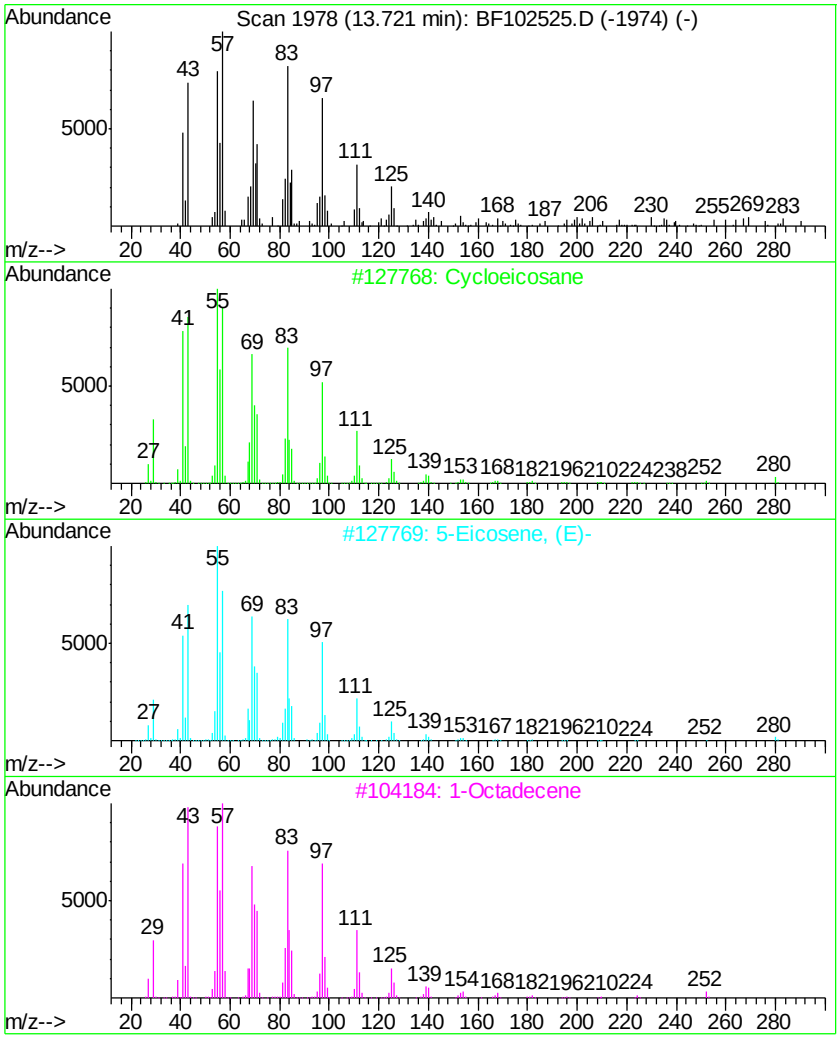
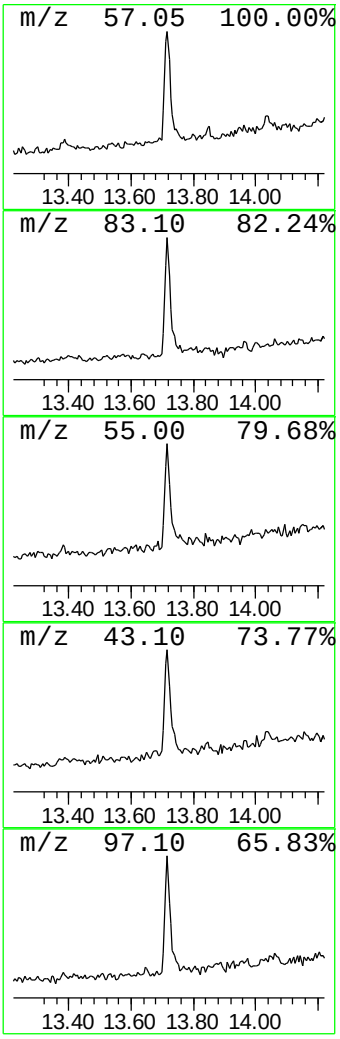
Peak Number 7 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.08 ng	257566	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3	1-Octadecene	252	C18H36	000112-88-9	97
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.25	4.0	ng	182632	1	6.72	923385	20.0
2-Pentanone, 4-hy...	4.91	7.9	ng	362947	1	6.72	923385	20.0
unknown6.49	6.49	71.9	ng	3320260	1	6.72	923385	20.0
Heneicosane	10.65	3.3	ng	157567	4	11.24	942826	20.0
Cycloeicosane	13.72	6.1	ng	257566	5	13.88	846891	20.0