LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102208.D
Acq On : 18 Jan 2018 22:47
Operator : SJ/JU
Sample : J1187-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-4A(5-10)

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-BF010918.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	4.933	478	484	493	rBV	224803	358564	9.65%	1.160%
2	5.339	547	553	555	rBV	3289567	3658313	98.43%	11.830%
3	6.363	721	727	731	rBV	3268447	3716639	100.00%	12.019%
4	6.492	744	749	752	rBV	3844111	3638011	97.88%	11.765%
5	6.722	784	788	791	rBV	1120880	892258	24.01%	2.885%
6	6.875	810	814	818	rBV	2903553	2779635	74.79%	8.989%
7	7.286	879	884	887	rBV	2169022	2277788	61.29%	7.366%
8	8.004	1001	1006	1009	rBV	1328303	1133973	30.51%	3.667%
9	9.080	1184	1189	1192	rBV	3768472	3319599	89.32%	10.735%
10	9.157	1199	1202	1204	rBV	48548	37503	1.01%	0.121%
11	9.474	1252	1256	1259	rBV	522609	413754	11.13%	1.338%
12	9.686	1289	1292	1295	rBV	124331	97040	2.61%	0.314%
13	9.757	1300	1304	1307	rVV	1110239	1033846	27.82%	3.343%
14	10.186	1374	1377	1380	rVB	133785	98810	2.66%	0.320%
15	10.404	1408	1414	1417	rBV	33120	42634	1.15%	0.138%
16	10.545	1433	1438	1441	rBV	1713146	1631770	43.90%	5.277%
17	10.657	1454	1457	1462	rBV2	107743	109563	2.95%	0.354%
18	11.239	1552	1556	1558	rBV	942319	833478	22.43%	2.695%
19	12.445	1758	1761	1764	rVB	97648	76040	2.05%	0.246%
20	12.674	1796	1800	1802	rVB	85859	74953	2.02%	0.242%
21	12.821	1821	1825	1829	rBV	2394295	2275519	61.23%	7.359%
22	13.715	1973	1977	1984	rBV	310158	299164	8.05%	0.967%
23	13.868	1995	2003	2006	rBV	941545	914407	24.60%	2.957%
24	13.892	2006	2007	2014	rVB	95373	66940	1.80%	0.216%
25	14.880	2171	2175	2178	rBV	83632	112590	3.03%	0.364%
26	15.168	2220	2224	2229	rVB	48922	62438	1.68%	0.202%
27	15.221	2229	2233	2239	rVB	62147	75991	2.04%	0.246%
28	15.286	2239	2244	2248	rBV	567931	695798	18.72%	2.250%
29	15.315	2248	2249	2254	rVB2	55466	44230	1.19%	0.143%
30	16.197	2394	2399	2404	rBV4	29344	54253	1.46%	0.175%
31	16.656	2473	2477	2487	rVB3	23821	54440	1.46%	0.176%
32	16.750	2487	2493	2497	rBV7	24770	42823	1.15%	0.138%

LSC Area Percent Report

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Sample : J1187-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-4A(5-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 30922764

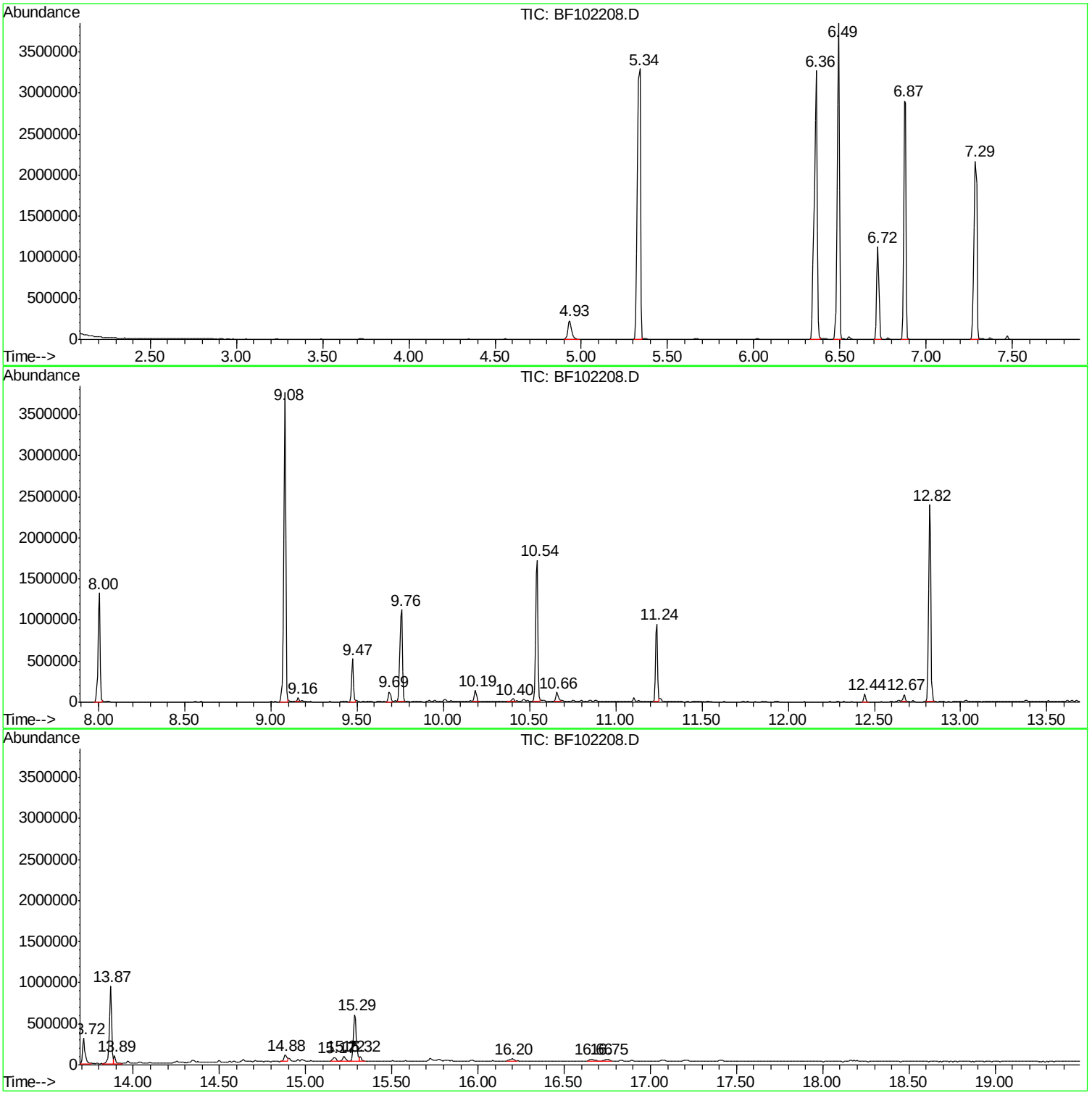
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102208.D
Acq On : 18 Jan 2018 22:47
Operator : SJ/JU
Sample : J1187-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-106-4A(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102208.D
Acq On : 18 Jan 2018 22:47
Operator : SJ/JU
Sample : J1187-01
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Instrument : BNA_F
ClientSampleId : EPE-106-4A(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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TIC Integration Parameters: LSCINT.P

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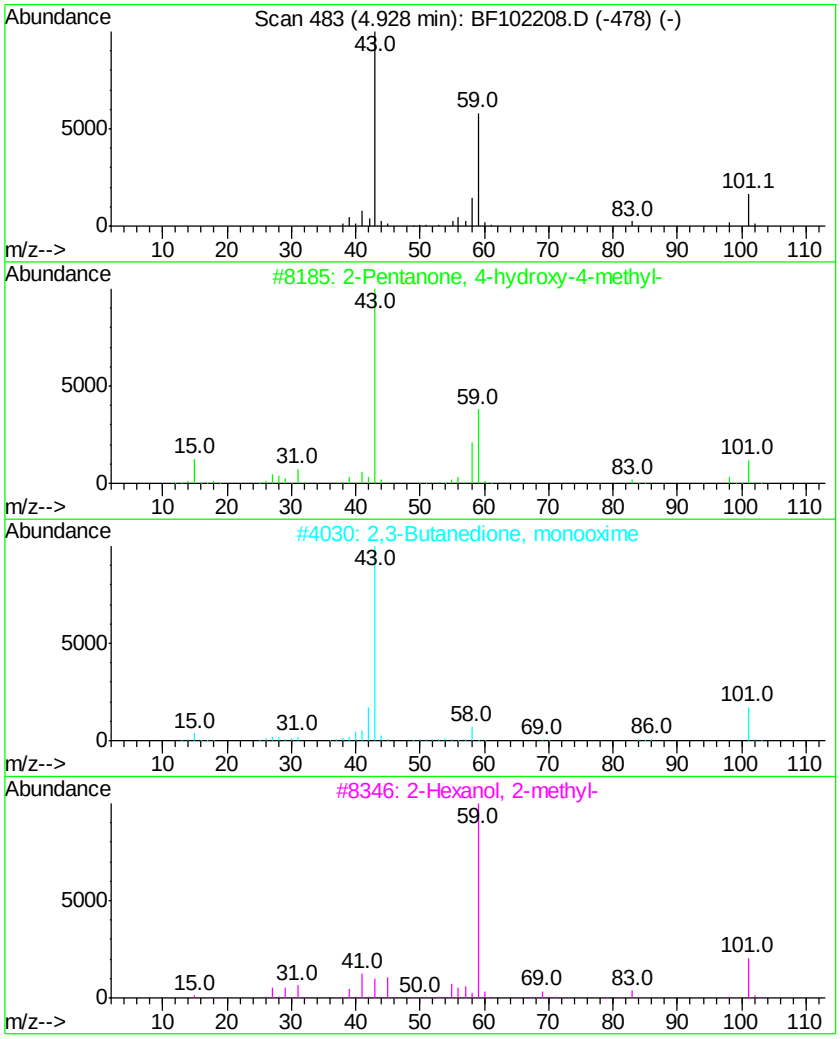
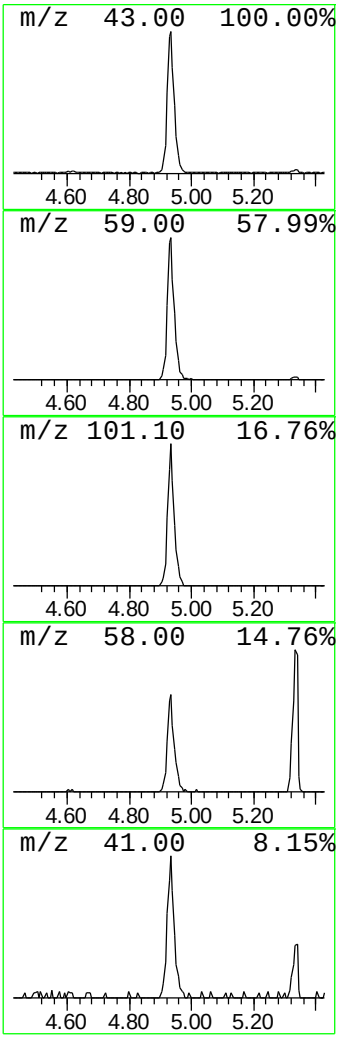
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	8.04 ng	358564	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	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102208.D
Acq On : 18 Jan 2018 22:47
Operator : SJ/JU
Sample : J1187-01
Misc :
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Instrument : BNA_F
ClientSampleId : EPE-106-4A(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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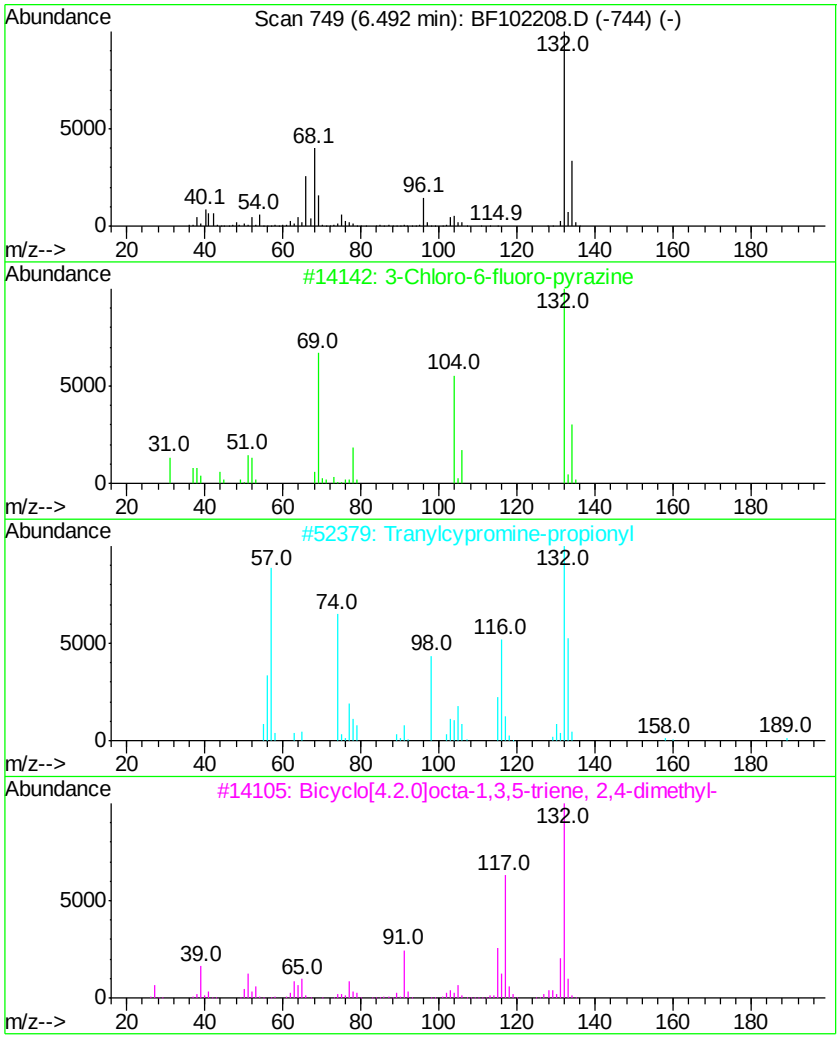
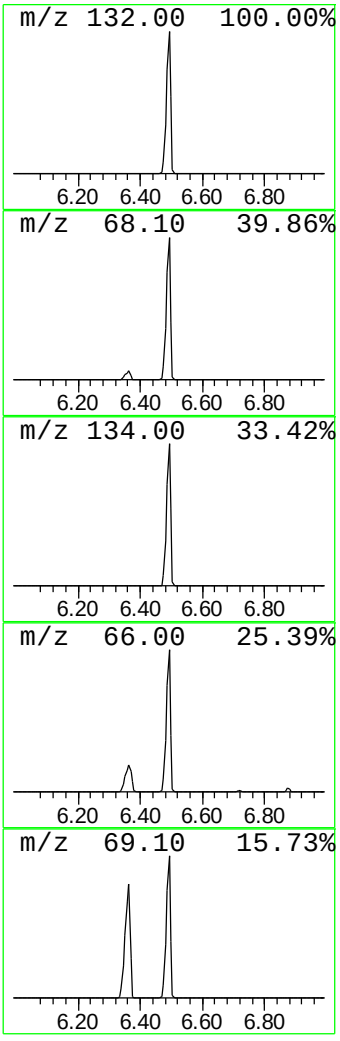
Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	81.55 ng	3638010	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Data File : BF102208.D
Acq On : 18 Jan 2018 22:47
Operator : SJ/JU
Sample : J1187-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-4A(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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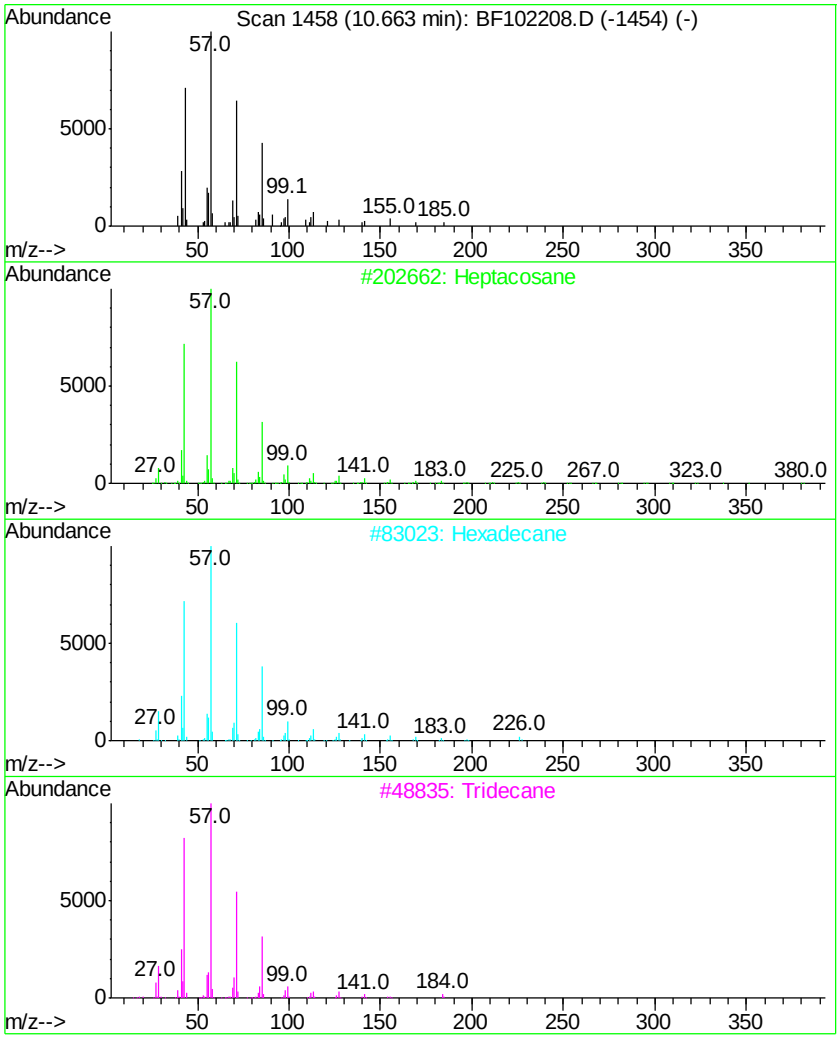
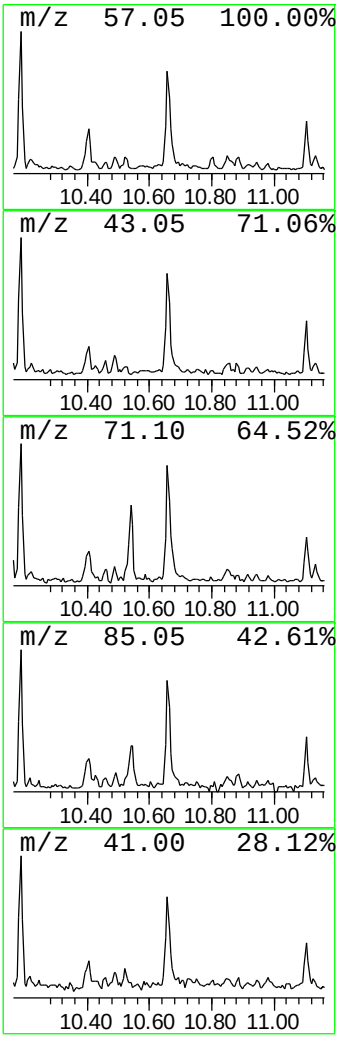
Peak Number 4 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.63 ng	109563	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tridecane	184	C13H28	000629-50-5	72
4	Pentadecane	212	C15H32	000629-62-9	64
5	Eicosane	282	C20H42	000112-95-8	64





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Instrument : BNA_F
ClientSampleId : EPE-106-4A(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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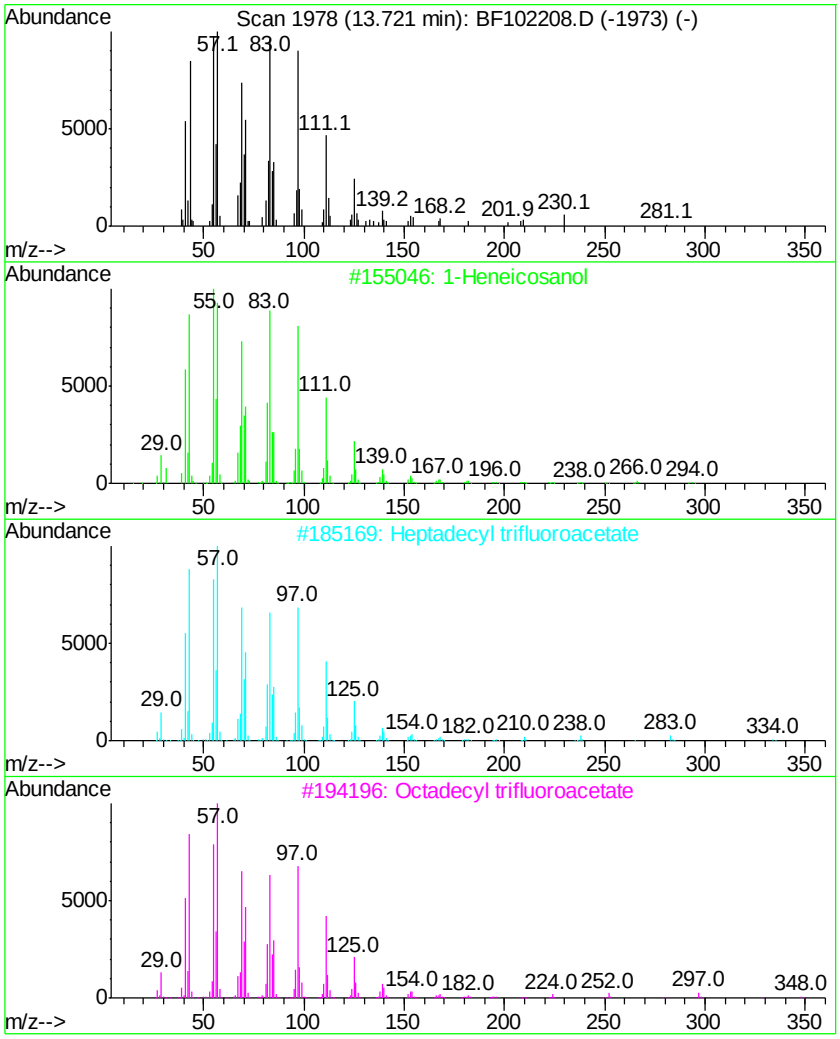
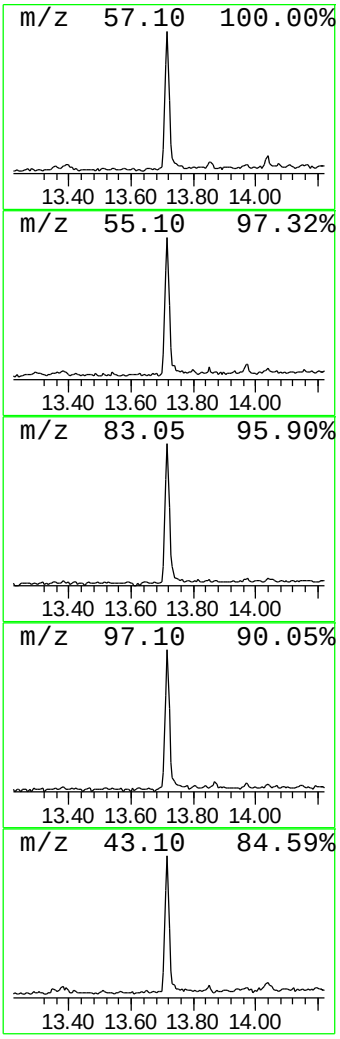
Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.54 ng	299164	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	92
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	92
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011818\
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	8.0	ng	358564	1	6.72	892258	20.0
unknown6.49	6.49	81.5	ng	3638010	1	6.72	892258	20.0
Heptacosane	10.66	2.6	ng	109563	4	11.24	833478	20.0
1-Heneicosanol	13.72	6.5	ng	299164	5	13.87	914407	20.0