LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104519.D
Acq On : 14 Apr 2018 11:33
Operator : JU/SJ
Sample : J2368-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 041118-DBRC-E-U-B

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-BF040618.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	5.004	492	496	502	rBV	166076	166024	4.82%	0.723%
2	5.422	563	567	570	rBV	1250084	1125367	32.69%	4.903%
3	6.028	668	670	679	rBV	53080	55914	1.62%	0.244%
4	6.434	736	739	751	rBV	765072	721733	20.96%	3.144%
5	6.575	759	763	766	rBV	2458621	2115221	61.44%	9.215%
6	6.628	769	772	779	rVB	175891	146303	4.25%	0.637%
7	6.804	799	802	806	rBV	999645	860423	24.99%	3.748%
8	6.963	825	829	832	rBV	3162377	2947679	85.62%	12.841%
9	7.375	893	899	902	rBV	2463215	2397881	69.65%	10.446%
10	8.092	1017	1021	1024	rBV	1074078	959055	27.86%	4.178%
11	9.169	1199	1204	1207	rBV	3738936	3442752	100.00%	14.998%
12	9.557	1267	1270	1278	rVB	154561	134603	3.91%	0.586%
13	9.845	1315	1319	1328	rVB	1224923	1060698	30.81%	4.621%
14	10.275	1384	1392	1395	rBV2	77553	74110	2.15%	0.323%
15	10.633	1449	1453	1463	rVB	1364166	1296208	37.65%	5.647%
16	10.745	1469	1472	1481	rVB	86945	85162	2.47%	0.371%
17	11.198	1546	1549	1551	rBV	51166	45084	1.31%	0.196%
18	11.333	1568	1572	1576	rBV	1019453	838080	24.34%	3.651%
19	12.410	1752	1755	1757	rBV2	55027	50956	1.48%	0.222%
20	12.739	1808	1811	1814	rBV	149305	116975	3.40%	0.510%
21	12.921	1838	1842	1846	rBV	2740188	2729215	79.27%	11.889%
22	13.445	1928	1931	1935	rBV	78809	64210	1.87%	0.280%
23	13.816	1991	1994	2006	rBV	123372	150463	4.37%	0.655%
24	13.974	2017	2021	2025	rBV	786635	731171	21.24%	3.185%
25	15.439	2265	2270	2280	rVB	455160	598666	17.39%	2.608%
26	16.392	2426	2432	2438	rBV4	20664	40882	1.19%	0.178%

Sum of corrected areas: 22954835

LSC Report - Integrated Chromatogram

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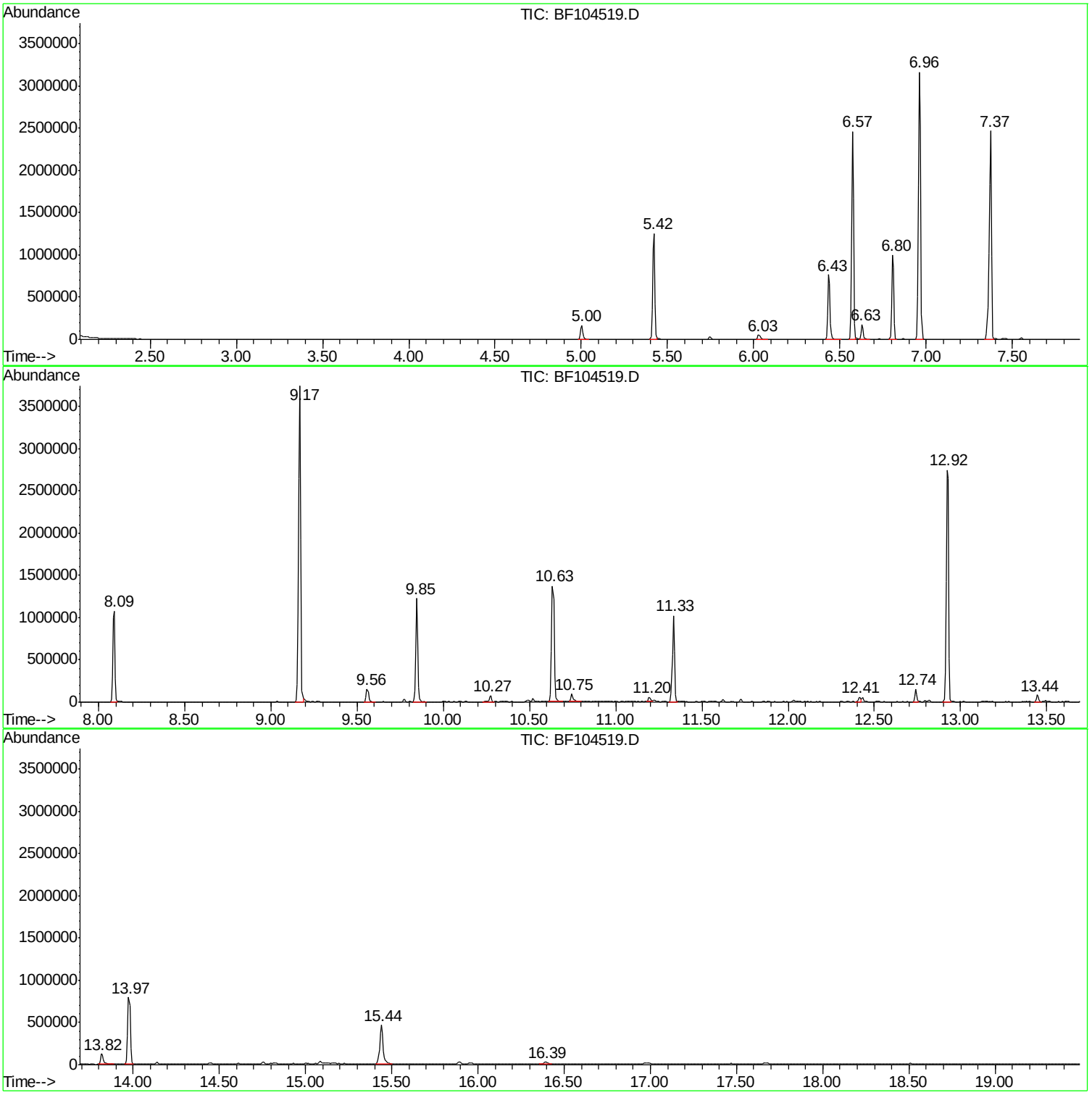
Instrument : BNA_F
ClientSampleId : 041118-DBRC-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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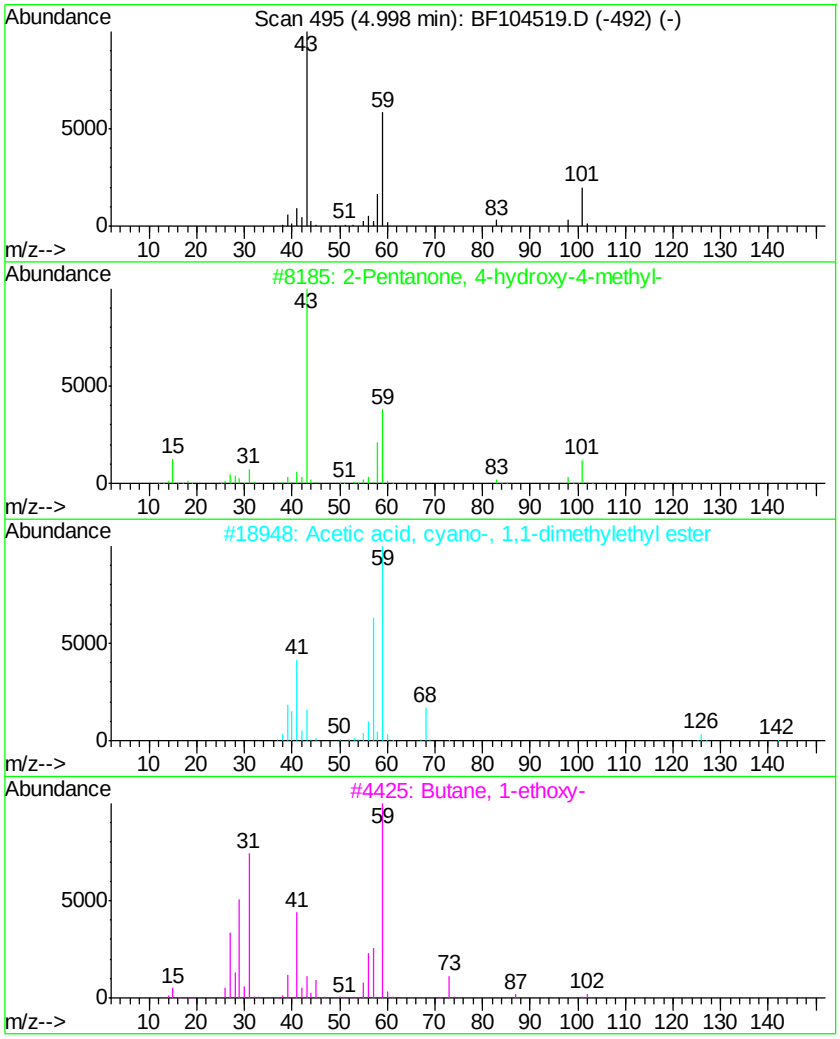
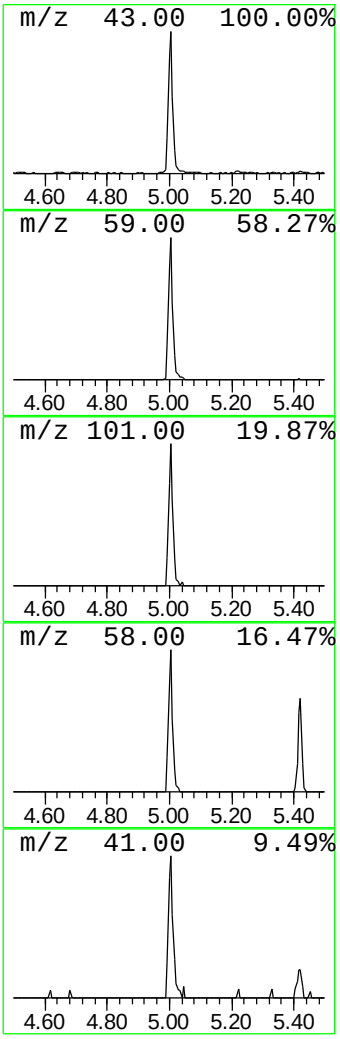
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.86 ng	166024	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane	58	C4H10	000106-97-8	9





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Operator : JU/SJ
Sample : J2368-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 041118-DBRC-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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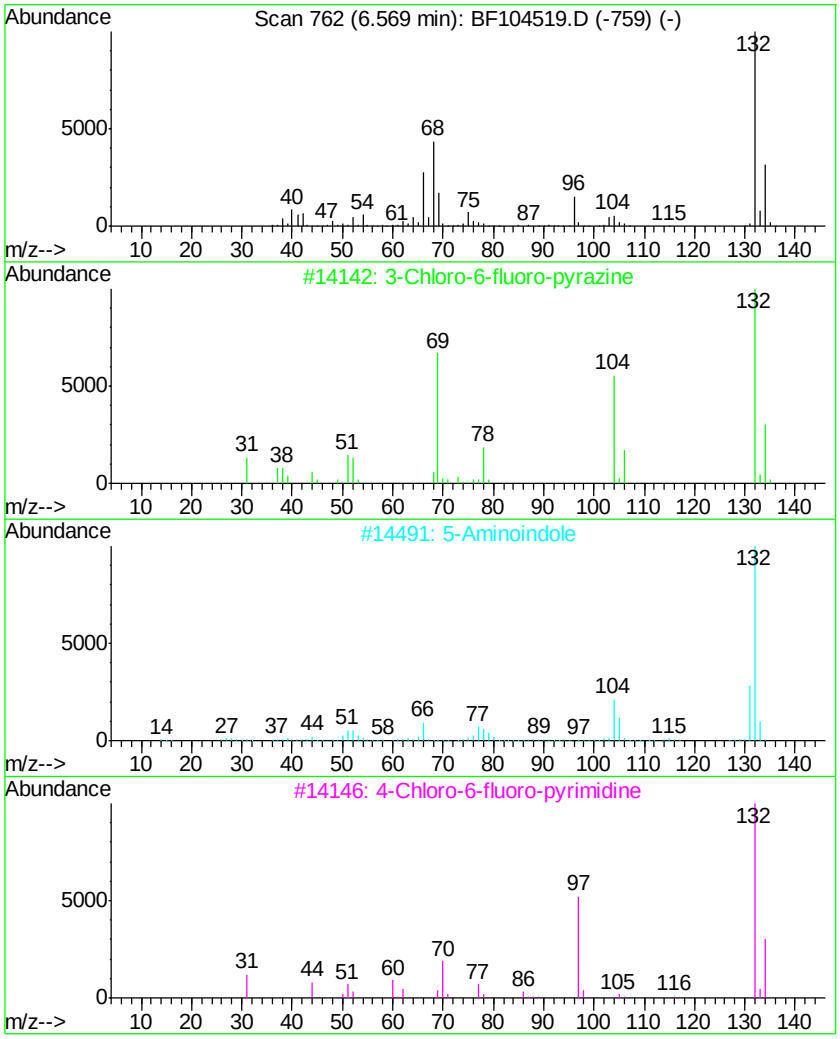
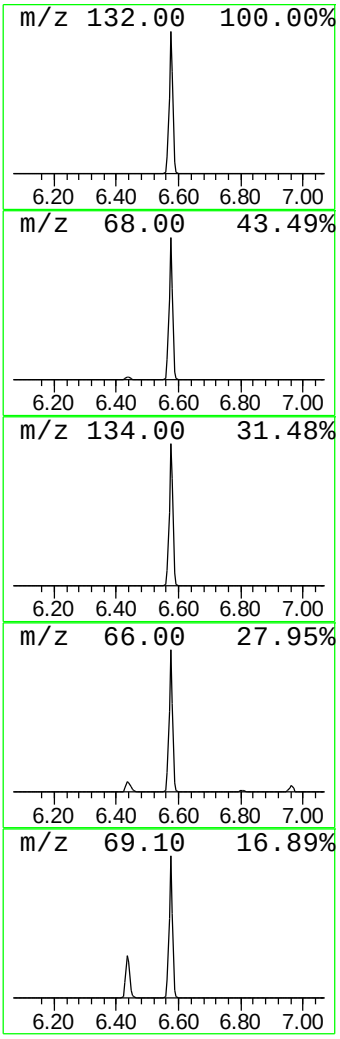
Peak Number 2 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	49.17 ng	2115220	1,4-Dichlorobenzene-d4	6.80

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	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Sample : J2368-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 041118-DBRC-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
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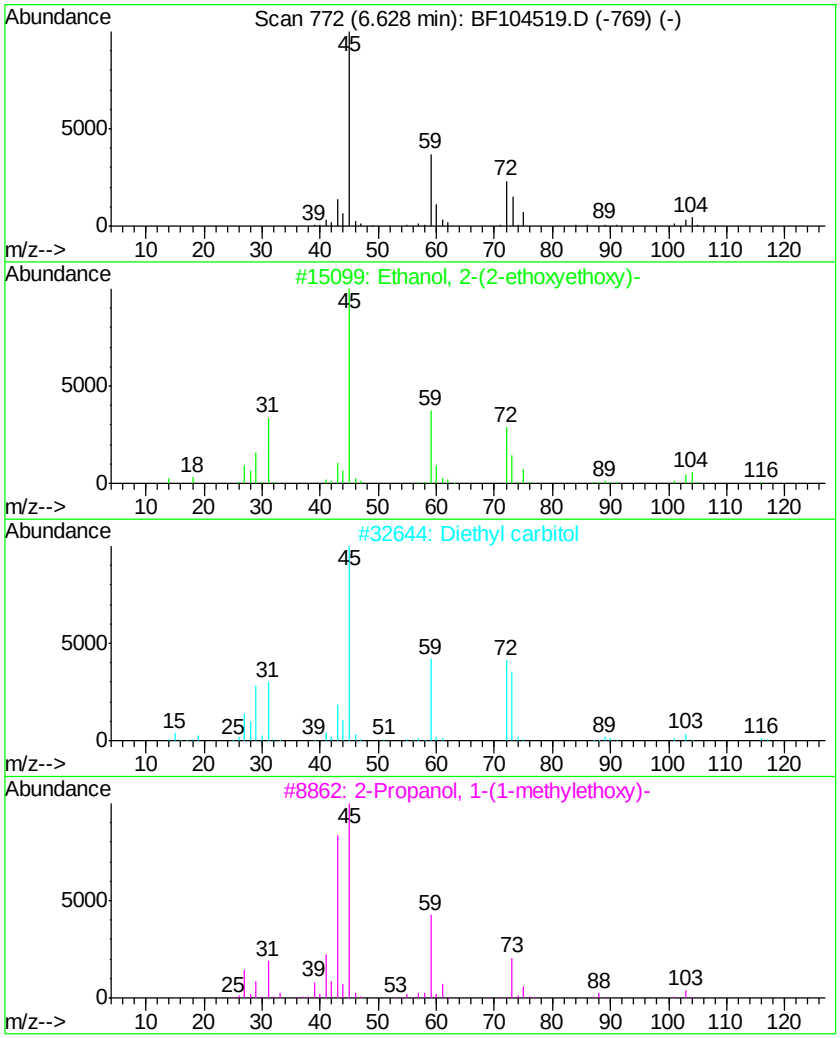
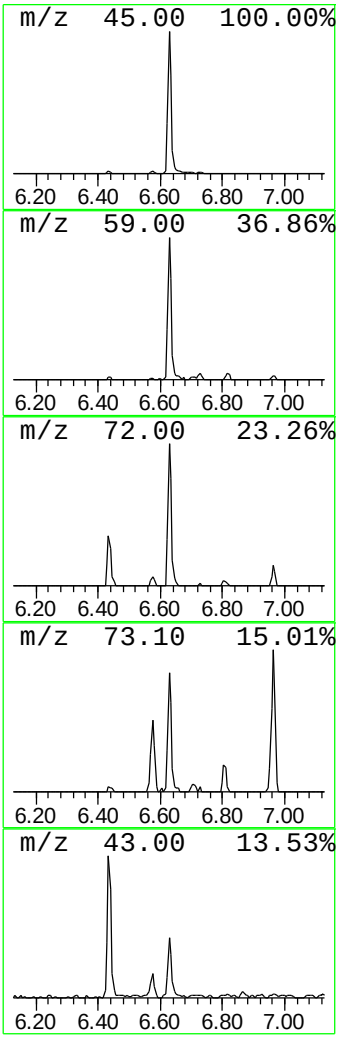
Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	3.40 ng	146303	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	38
5	.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	36





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ALS Vial : 50 Sample Multiplier: 1

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ClientSampleId : 041118-DBRC-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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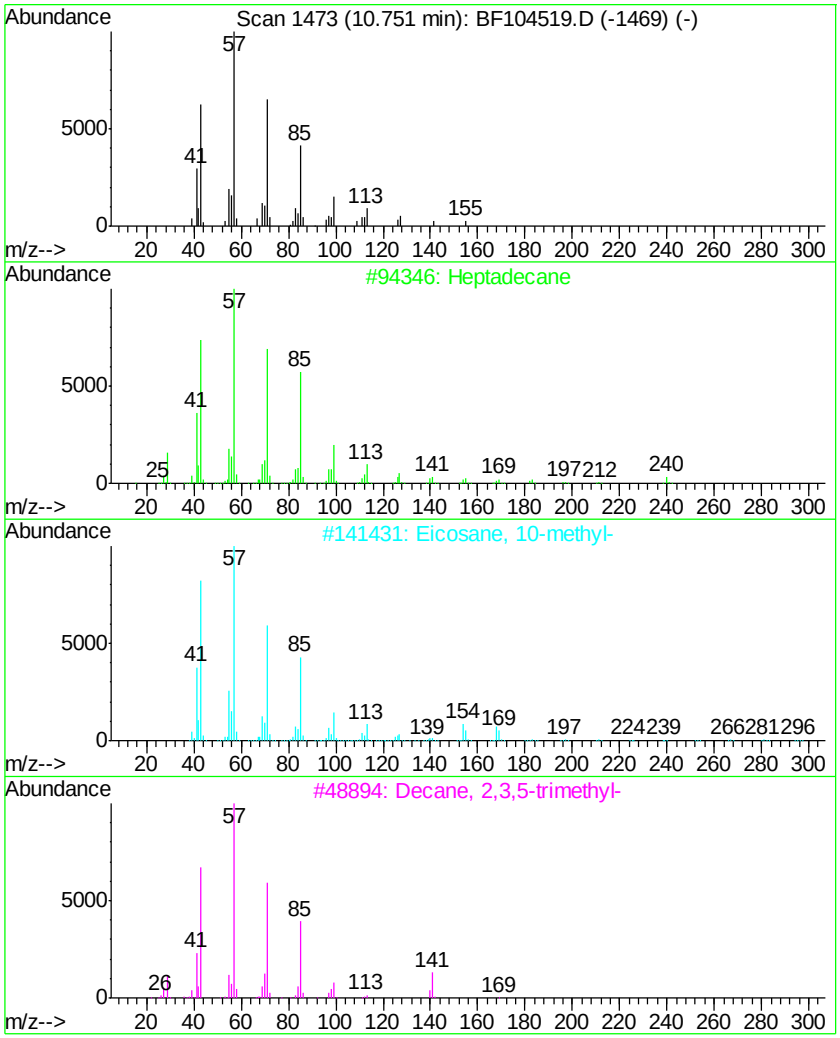
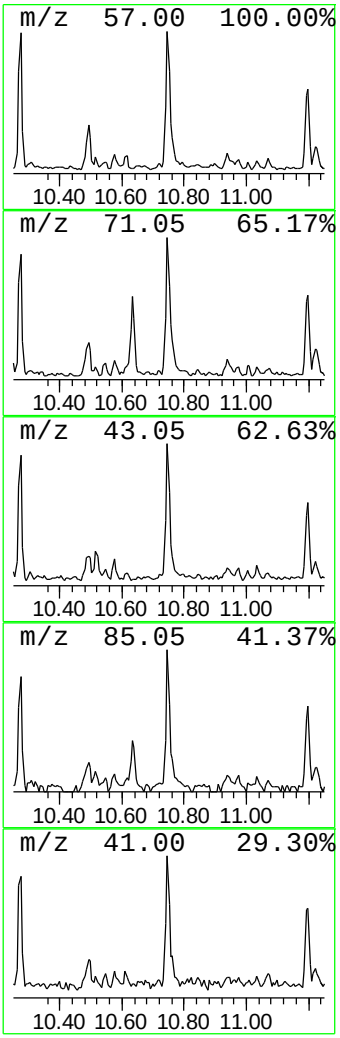
Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.03 ng	85162	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 041118-DBRC-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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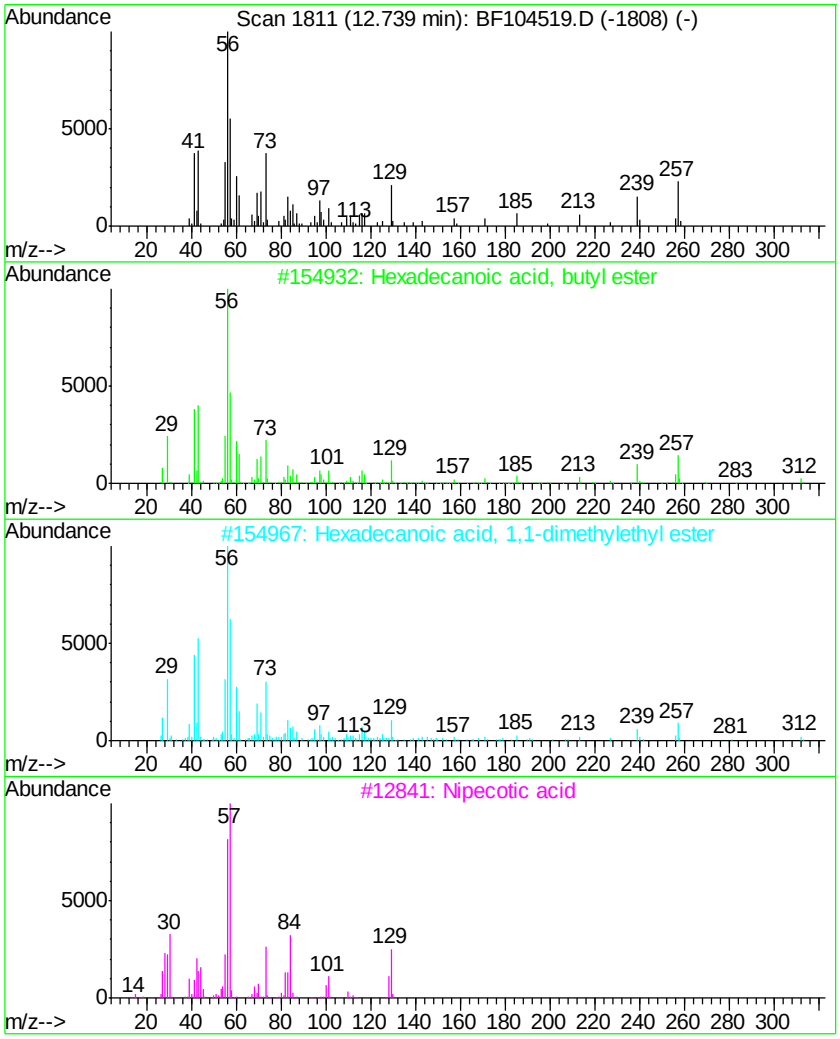
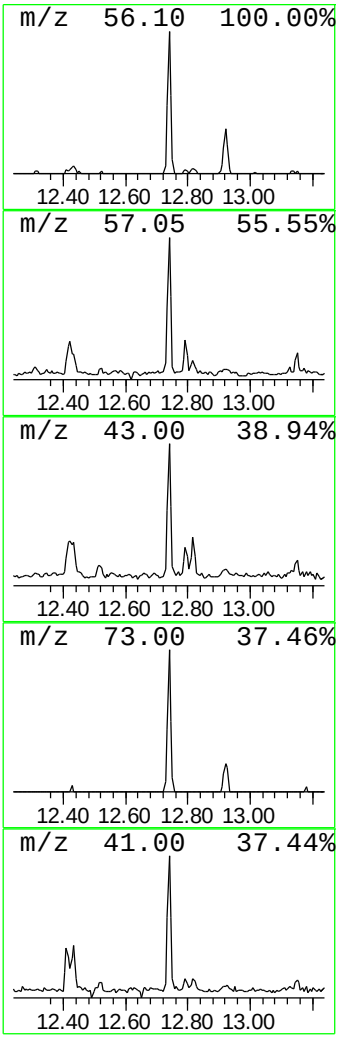
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	3.20 ng	116975	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	81
3	Nipecotic acid	129	C6H11NO2	000498-95-3	38
4	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	37
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35





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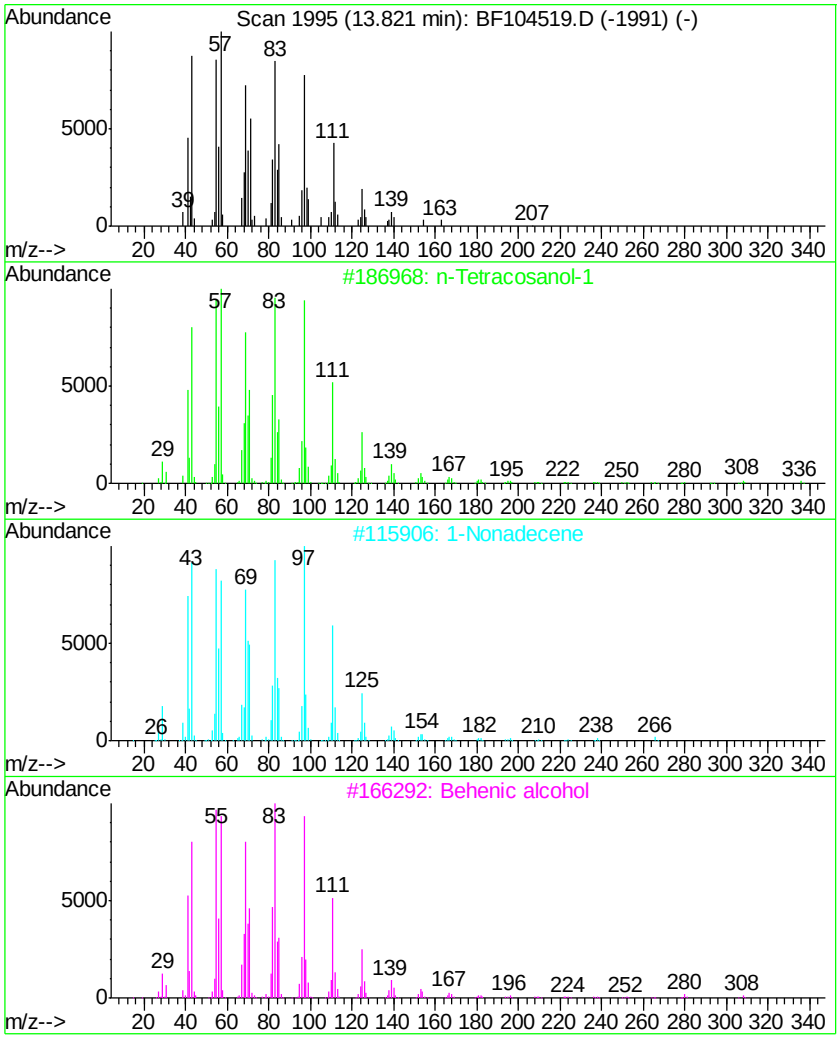
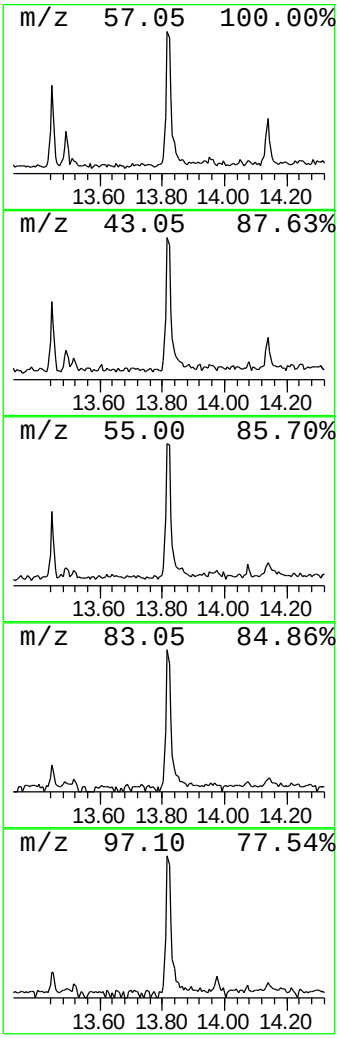
Peak Number 7 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.12 ng	150463	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	3.9	ng	166024	1	6.80	860423	20.0
unknown6.57	6.57	49.2	ng	2115220	1	6.80	860423	20.0
Ethanol, 2-(2-eth...	6.63	3.4	ng	146303	1	6.80	860423	20.0
Heptadecane	10.75	2.0	ng	85162	4	11.33	838080	20.0
Hexadecanoic acid...	12.74	3.2	ng	116975	5	13.97	731171	20.0
n-Tetracosanol-1	13.82	4.1	ng	150463	5	13.97	731171	20.0