LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104285.D
Acq On : 5 Apr 2018 22:19
Operator : JU/SJ
Sample : J2183-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-8-WATER-LATERAL-2-SW@3

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-BF032818.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	2.281	29	33	56	rVB	144638	286011	8.64%	1.065%
2	5.193	524	528	540	rBV	46832	86548	2.62%	0.322%
3	5.581	591	594	637	rBV	1051472	2511097	75.90%	9.347%
4	6.581	761	764	784	rBV	1188159	2583668	78.09%	9.617%
5	6.716	784	787	824	rVV	1836467	3308562	100.00%	12.316%
6	6.951	824	827	848	rVV	165670	567881	17.16%	2.114%
7	7.098	848	852	878	rVB	1378342	2109713	63.77%	7.853%
8	7.510	919	922	945	rBV	696176	1664939	50.32%	6.198%
9	8.228	1040	1044	1072	rBV	368525	818727	24.75%	3.048%
10	9.292	1222	1225	1265	rBV	2188079	3282196	99.20%	12.218%
11	9.686	1286	1292	1306	rBV	177387	256295	7.75%	0.954%
12	9.886	1322	1326	1330	rBV	50999	45353	1.37%	0.169%
13	9.981	1338	1342	1362	rBV	767408	966699	29.22%	3.598%
14	10.386	1408	1411	1414	rVB	68522	53203	1.61%	0.198%
15	10.775	1474	1477	1489	rBV	1305881	2066212	62.45%	7.691%
16	10.857	1489	1491	1505	rVB	99153	185954	5.62%	0.692%
17	11.480	1593	1597	1625	rBV	556831	1002402	30.30%	3.731%
18	11.980	1679	1682	1697	rBV2	32443	56356	1.70%	0.210%
19	13.063	1861	1866	1890	rBV	2368743	3037454	91.81%	11.307%
20	13.927	2010	2013	2025	rBV	317588	395061	11.94%	1.471%
21	14.133	2044	2048	2064	rBV	557145	840385	25.40%	3.128%
22	14.574	2118	2123	2130	rBV9	20223	35234	1.06%	0.131%
23	14.874	2170	2174	2181	rBV4	26944	40572	1.23%	0.151%
24	15.668	2304	2309	2329	rBV	308479	619692	18.73%	2.307%
25	16.151	2385	2391	2398	rBV5	18792	44311	1.34%	0.165%

Sum of corrected areas: 26864525

LSC Report - Integrated Chromatogram

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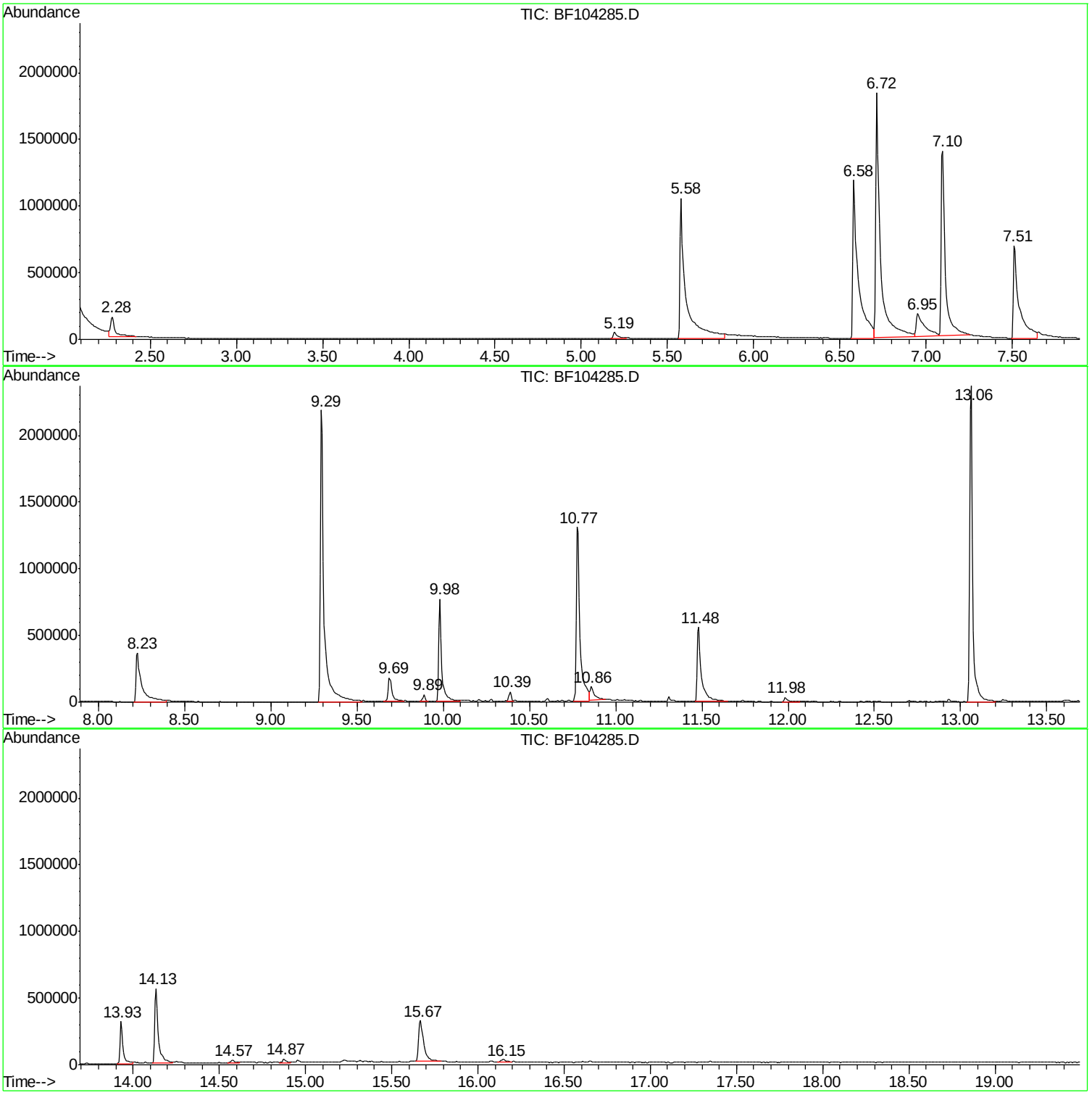
Instrument :
BNA_F
ClientSampleId :
ES-8-WATER-LATERAL-2-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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-BF032818.M
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TIC Integration Parameters: LSCINT.P

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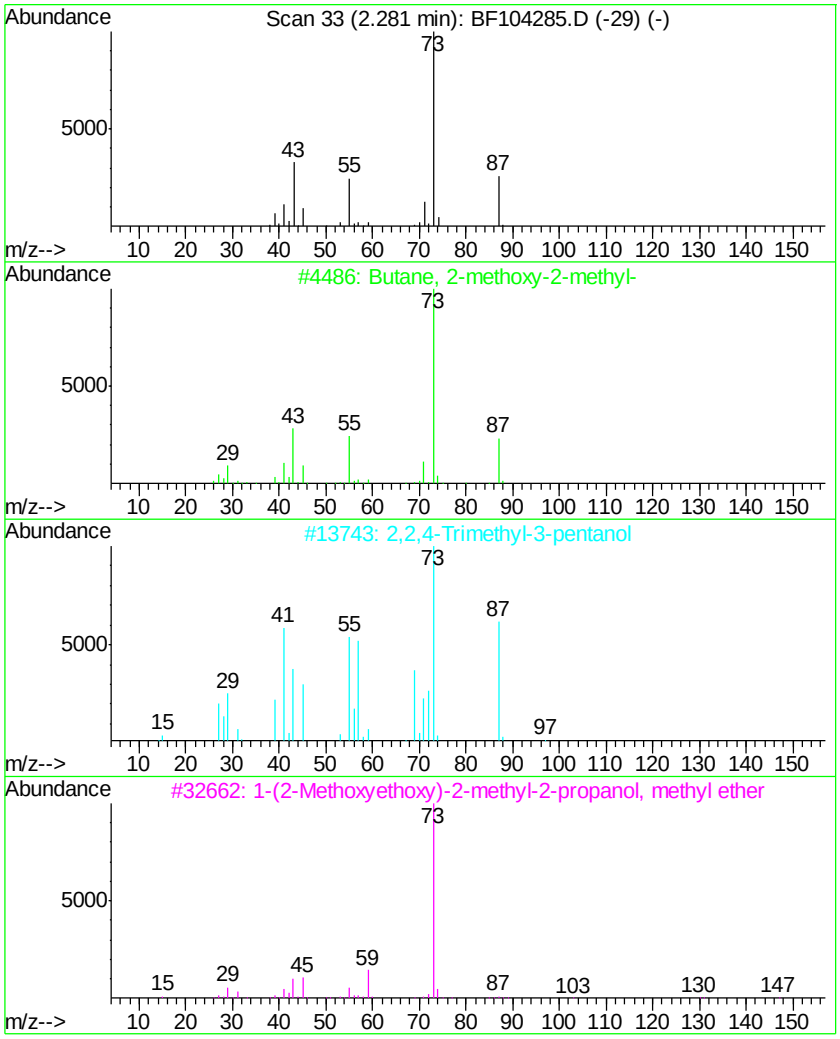
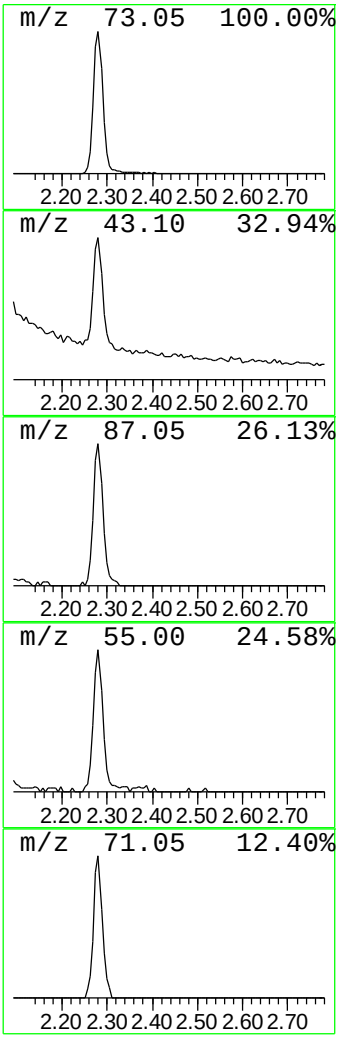
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	10.07 ng	286011	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104285.D
Acq On : 5 Apr 2018 22:19
Operator : JU/SJ
Sample : J2183-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-8-WATER-LATERAL-2-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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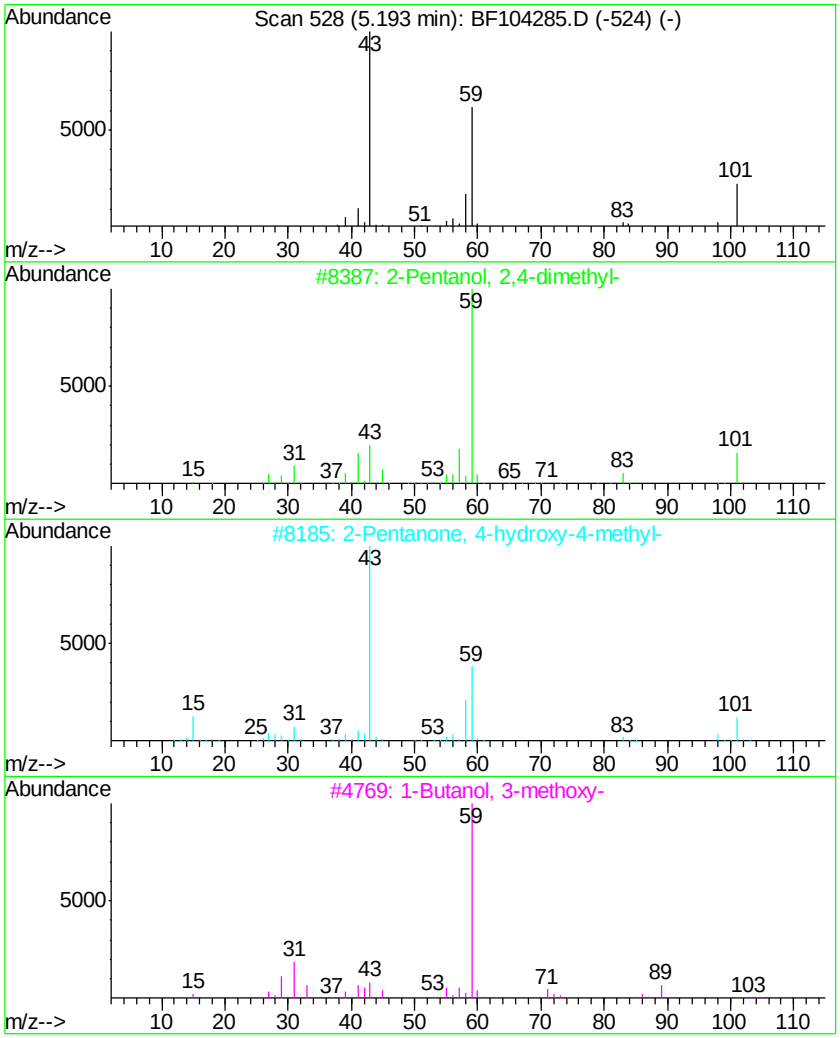
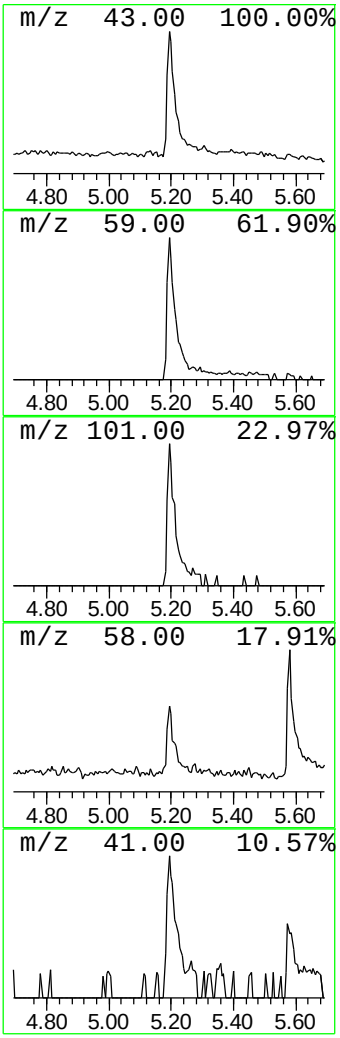
Peak Number 2 2-Pentanol, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.05 ng	86548	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	25
4	3-Octanol	130	C8H18O	000589-98-0	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Operator : JU/SJ
Sample : J2183-03
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-8-WATER-LATERAL-2-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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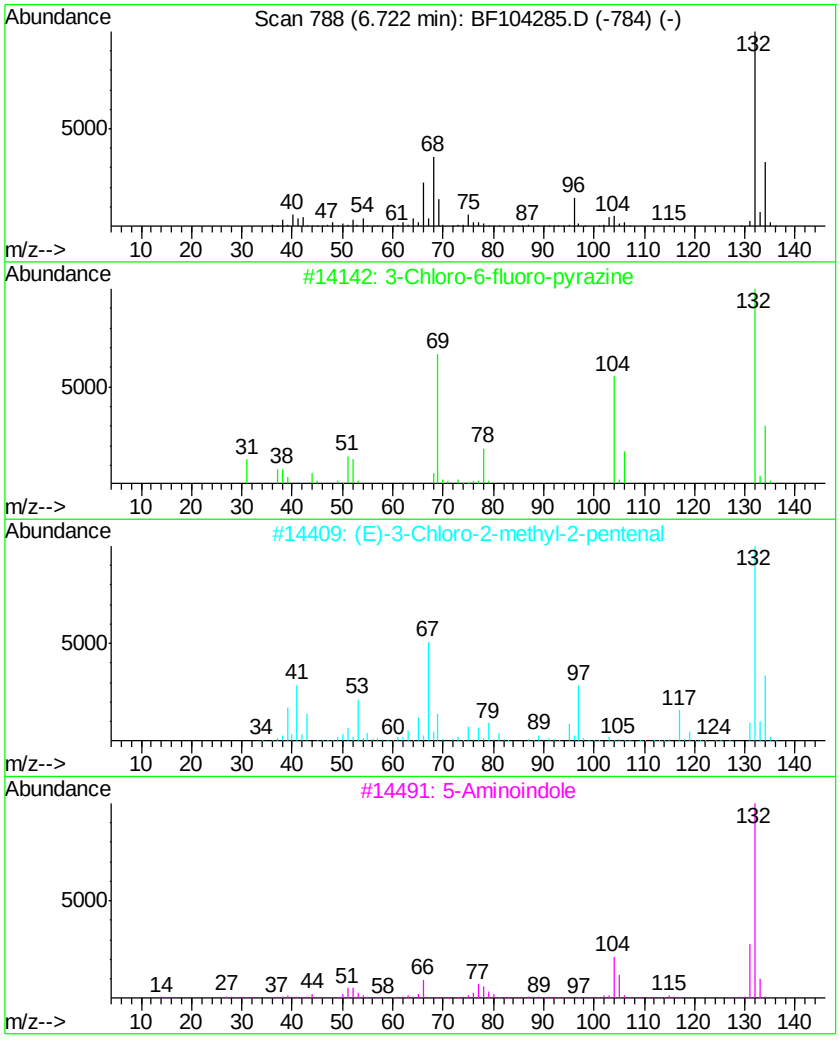
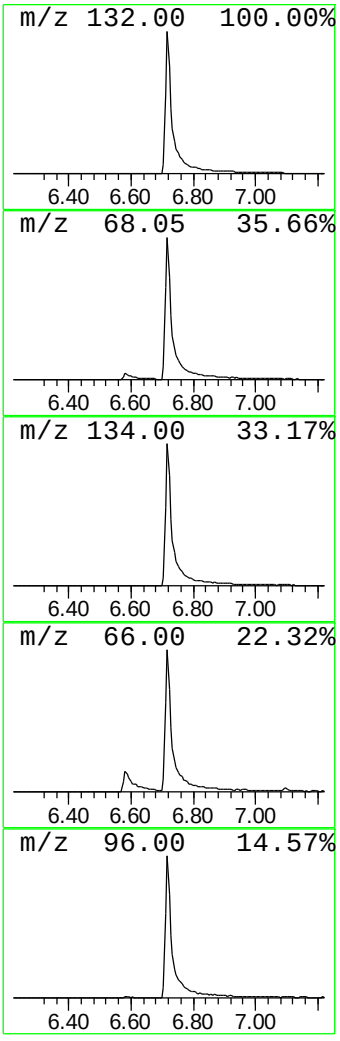
Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	116.52 ng	3308560	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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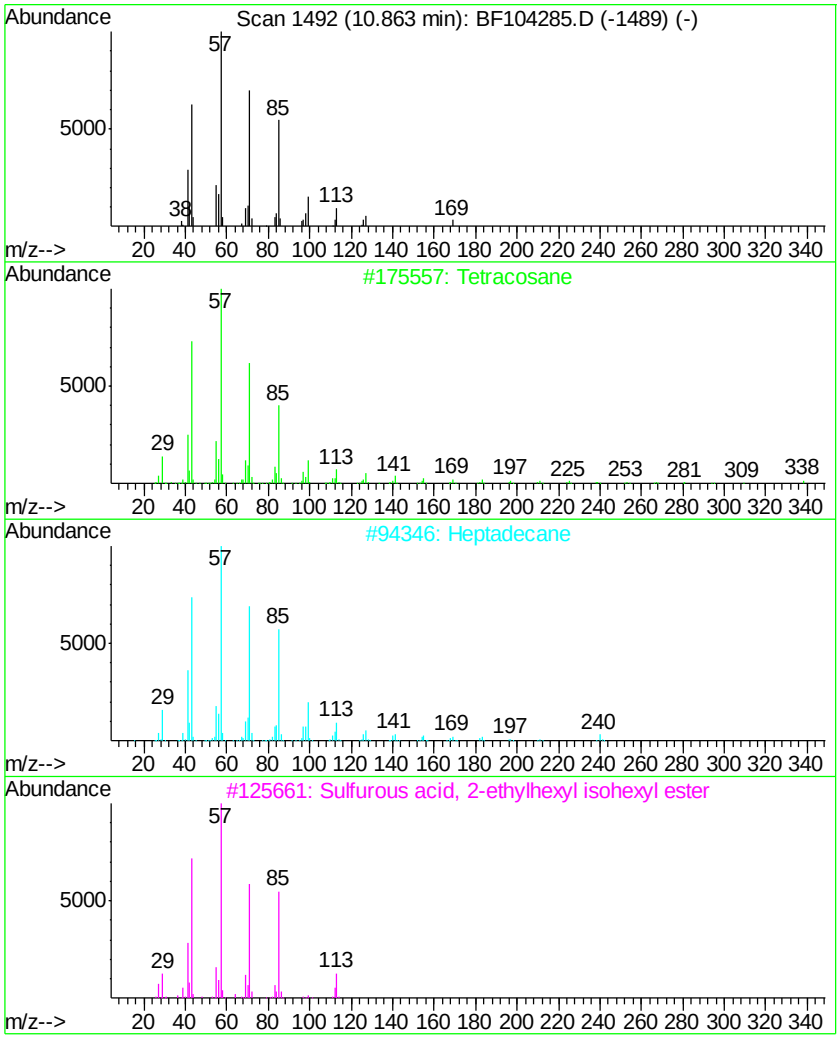
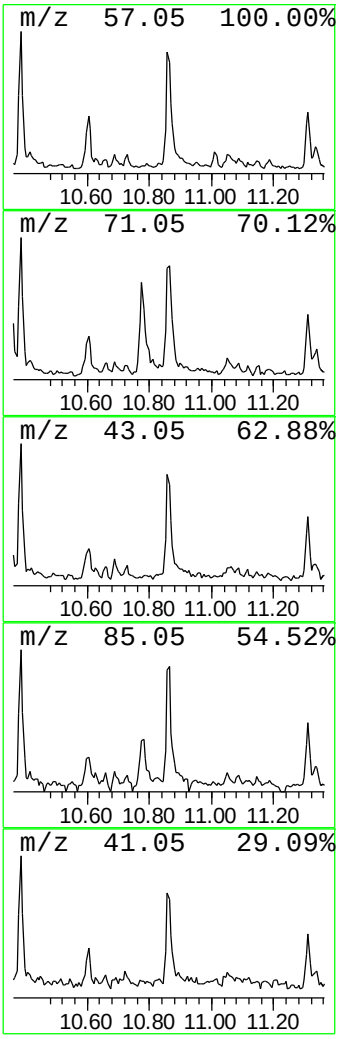
Peak Number 5 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.71 ng	185954	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Heptadecane	240	C17H36	000629-78-7	83
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Hexadecane	226	C16H34	000544-76-3	64





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-8-WATER-LATERAL-2-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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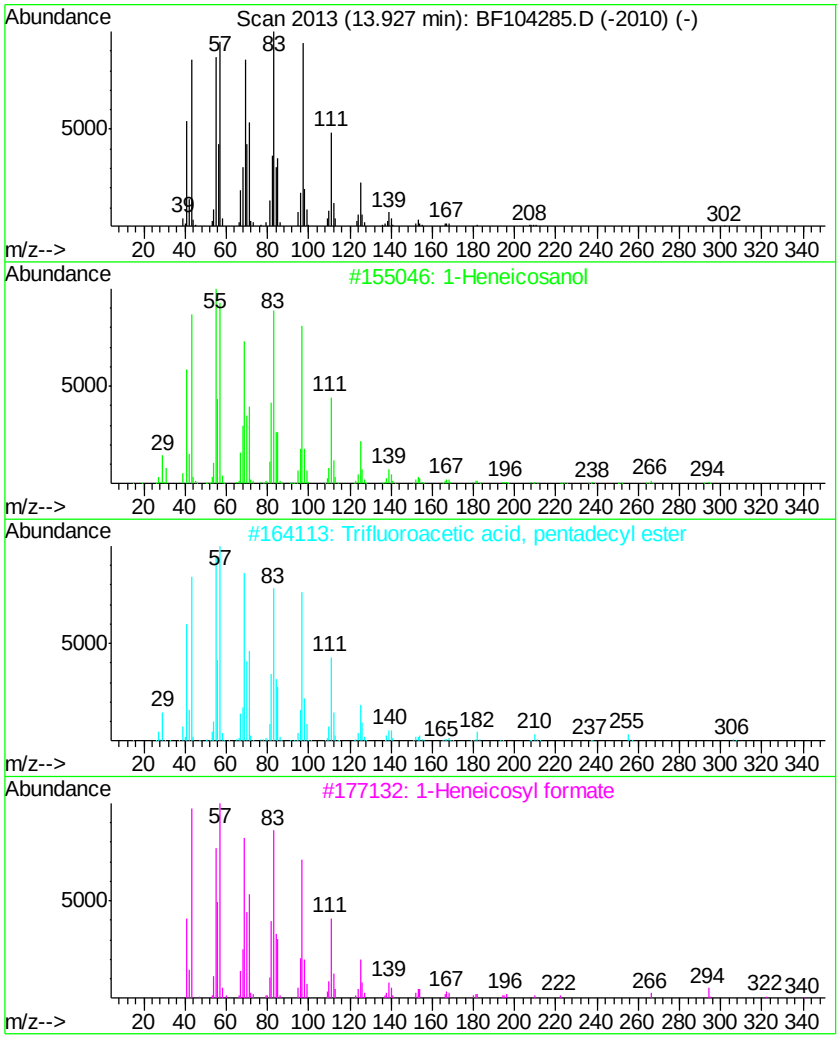
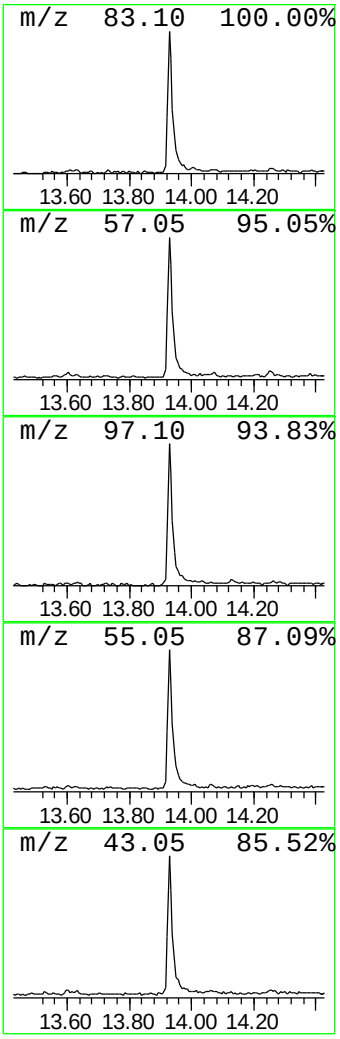
Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	9.40 ng	395061	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.28	10.1	ng	286011	1	6.95	567881	20.0
2-Pentanol, 2,4-d...	5.19	3.0	ng	86548	1	6.95	567881	20.0
unknown6.72	6.72	116.5	ng	3308560	1	6.95	567881	20.0
Tetracosane	10.86	3.7	ng	185954	4	11.48	1002400	20.0
1-Heneicosanol	13.93	9.4	ng	395061	5	14.13	840385	20.0