LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102516.D
Acq On : 27 Jan 2018 17:59
Operator : SJ/JU
Sample : J1307-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-201

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	4.928	479	483	496	rVB	93835	136013	3.14%	0.376%
2	5.334	547	552	555	rBV	3782675	3917149	90.40%	10.816%
3	6.363	722	727	743	rBV	3353337	4274780	98.65%	11.803%
4	6.487	743	748	751	rBV	4148610	4034867	93.11%	11.141%
5	6.710	783	786	795	rBV	1142017	1041583	24.04%	2.876%
6	6.869	809	813	816	rBV	3493548	3156765	72.85%	8.716%
7	7.287	878	884	887	rBV	2455667	2595675	59.90%	7.167%
8	7.381	897	900	910	rVB	47252	61010	1.41%	0.168%
9	7.998	1000	1005	1018	rBV	1508638	1416414	32.69%	3.911%
10	9.075	1182	1188	1191	rBV	4674032	4333237	100.00%	11.965%
11	9.469	1250	1255	1262	rVB	446313	442155	10.20%	1.221%
12	9.675	1287	1290	1294	rBV	165566	130562	3.01%	0.360%
13	9.751	1299	1303	1312	rVB	1575166	1467225	33.86%	4.051%
14	10.175	1372	1375	1378	rVB	212709	164422	3.79%	0.454%
15	10.392	1407	1412	1415	rBV	51673	70419	1.63%	0.194%
16	10.545	1433	1438	1447	rVB	2187064	2227816	51.41%	6.151%
17	10.645	1452	1455	1464	rVB	166584	199951	4.61%	0.552%
18	11.092	1528	1531	1534	rBV	92985	86832	2.00%	0.240%
19	11.233	1551	1555	1560	rBV	1434265	1280475	29.55%	3.536%
20	11.763	1642	1645	1649	rBV	62992	55023	1.27%	0.152%
21	12.821	1820	1825	1828	rBV	3138296	3058357	70.58%	8.445%
22	13.710	1973	1976	1987	rBV	338723	413432	9.54%	1.142%
23	13.874	2001	2004	2008	rBV	926366	832902	19.22%	2.300%
24	15.304	2242	2247	2252	rBV	657913	820054	18.92%	2.264%

Sum of corrected areas: 36217118

LSC Report - Integrated Chromatogram

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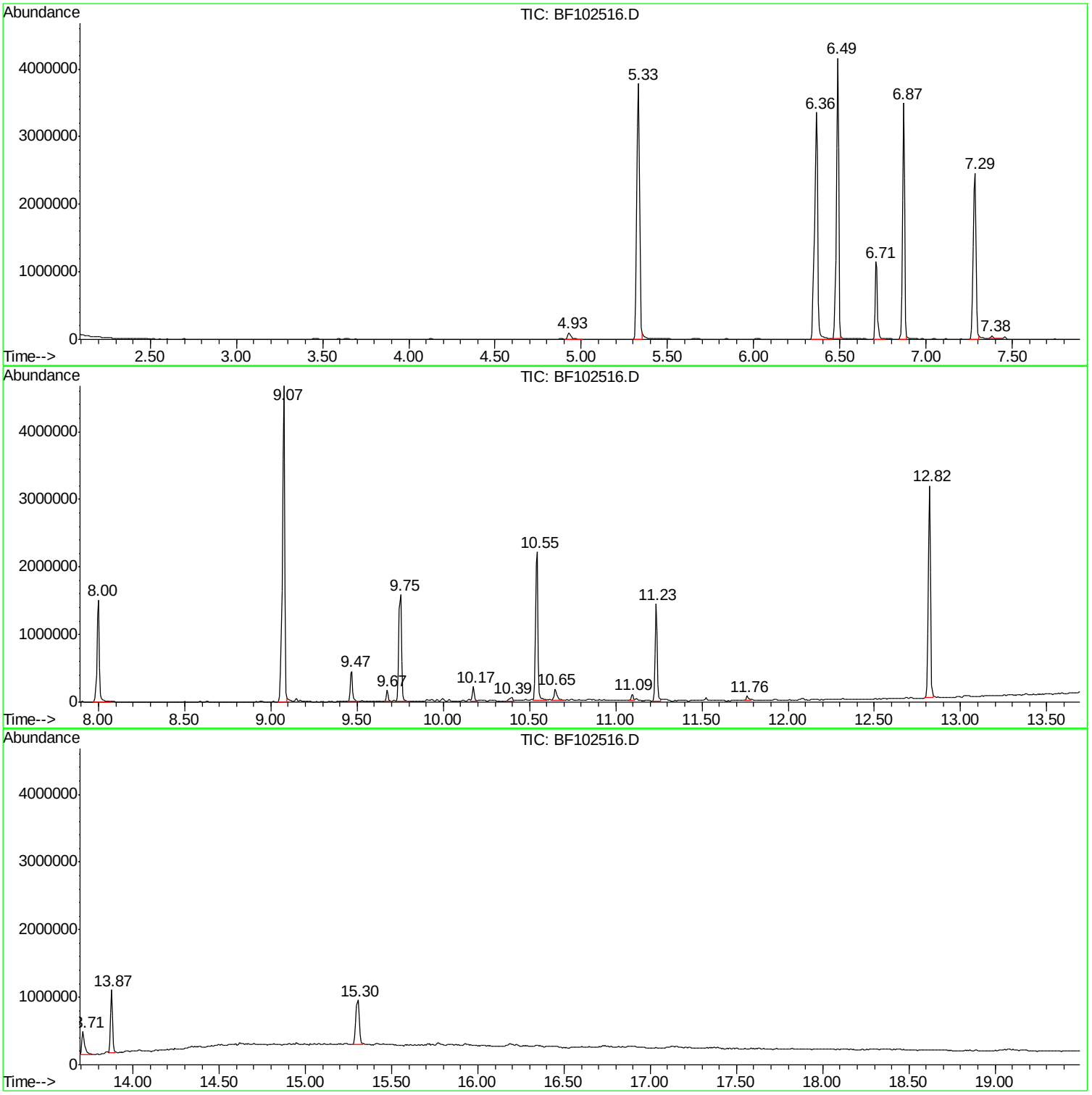
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

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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Operator : SJ/JU
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Instrument : BNA_F
ClientSampleId : MANHOLE-201

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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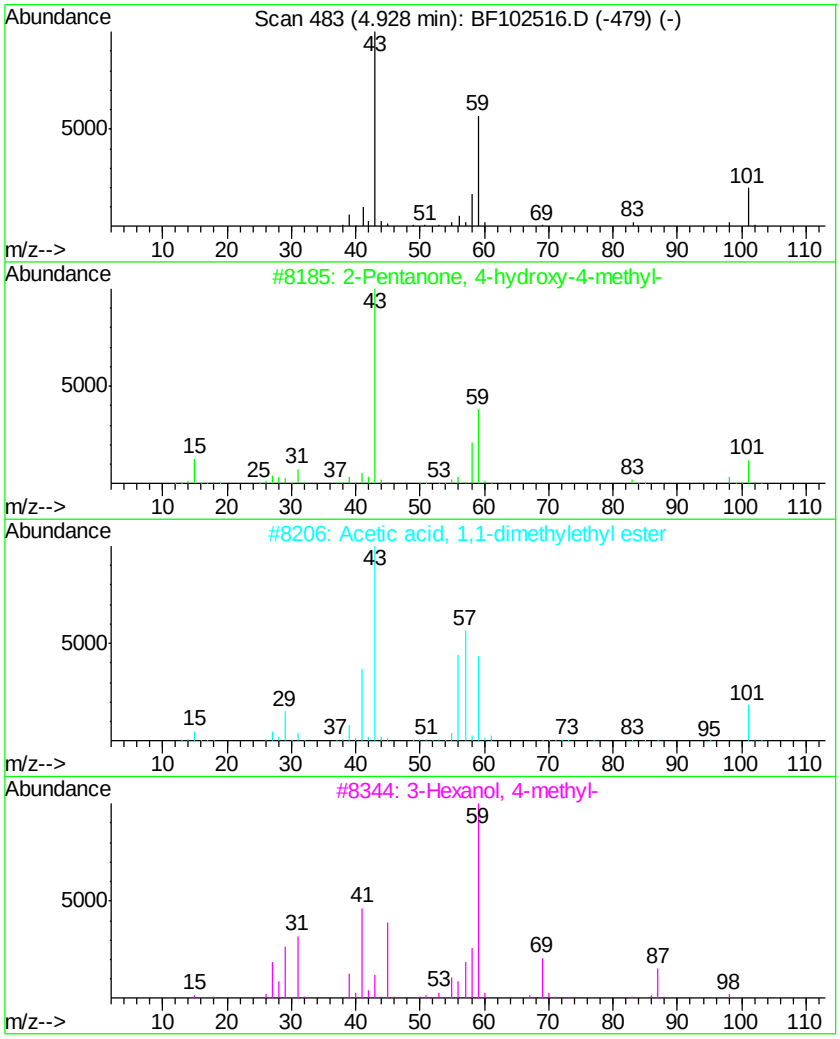
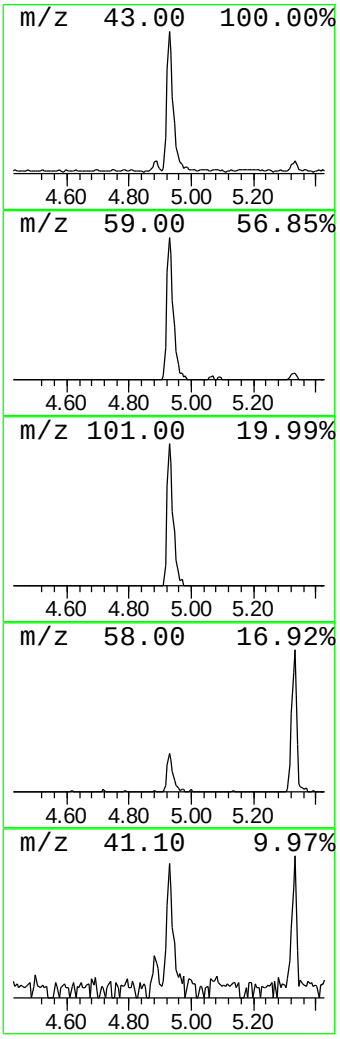
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	2.61 ng	136013	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102516.D
Acq On : 27 Jan 2018 17:59
Operator : SJ/JU
Sample : J1307-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-201

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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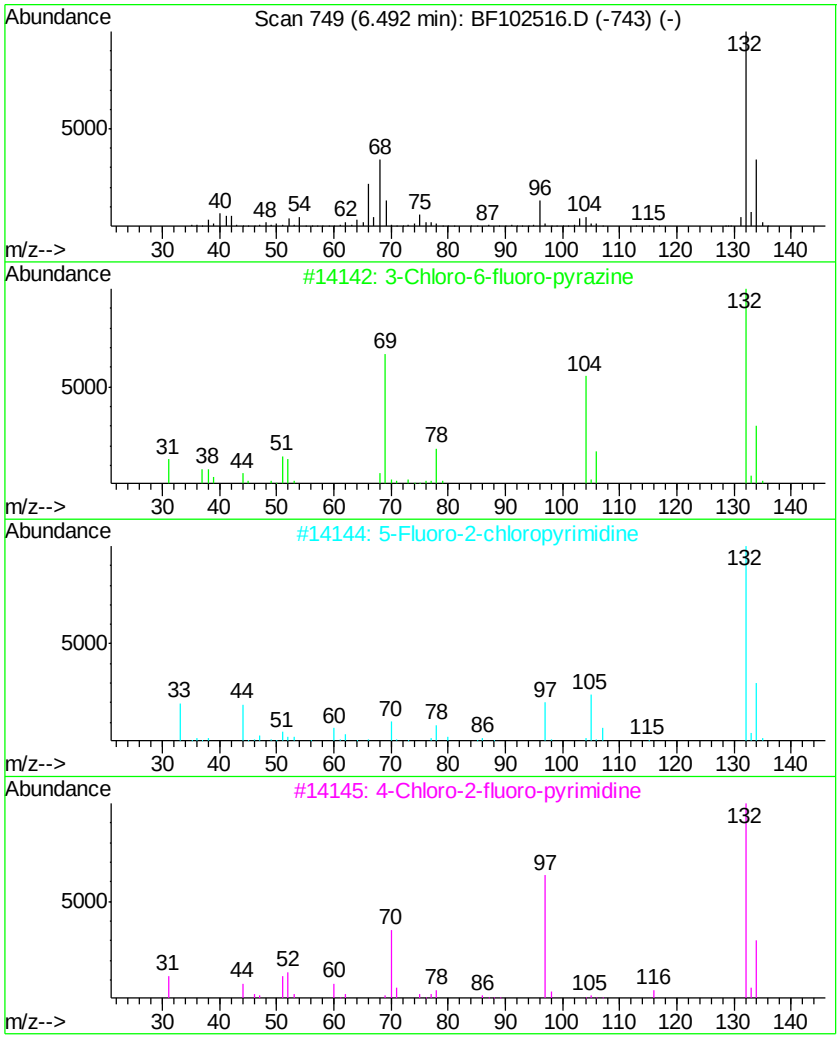
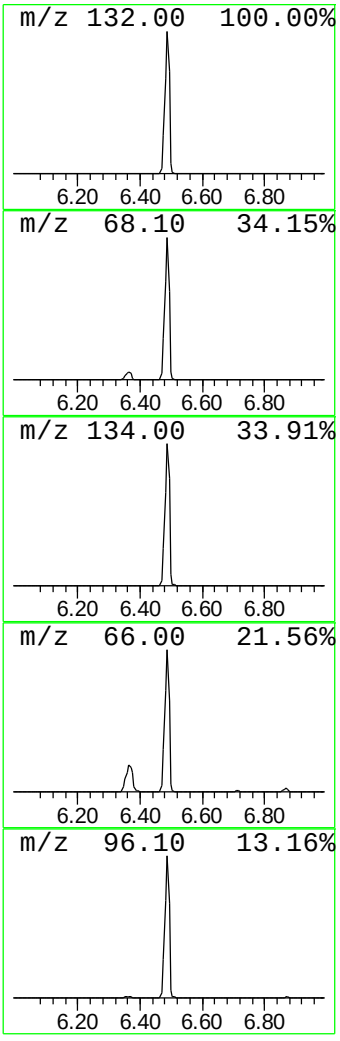
Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	77.48 ng	4034870	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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : J1307-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-201

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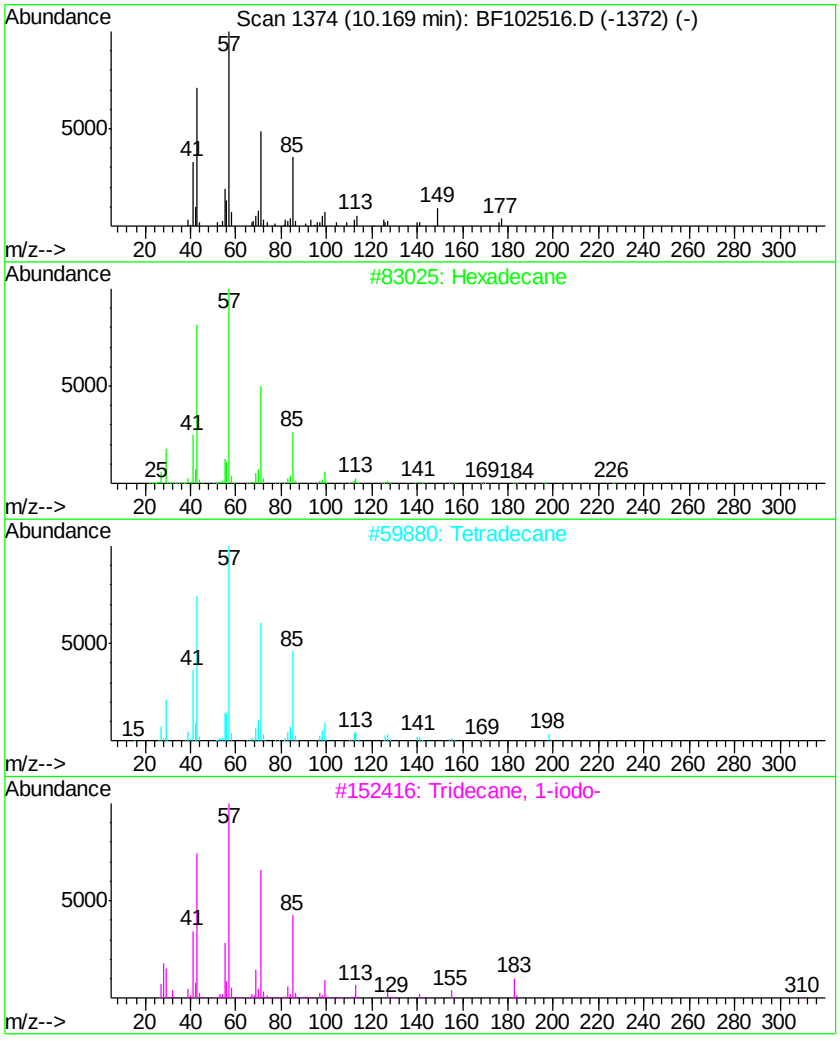
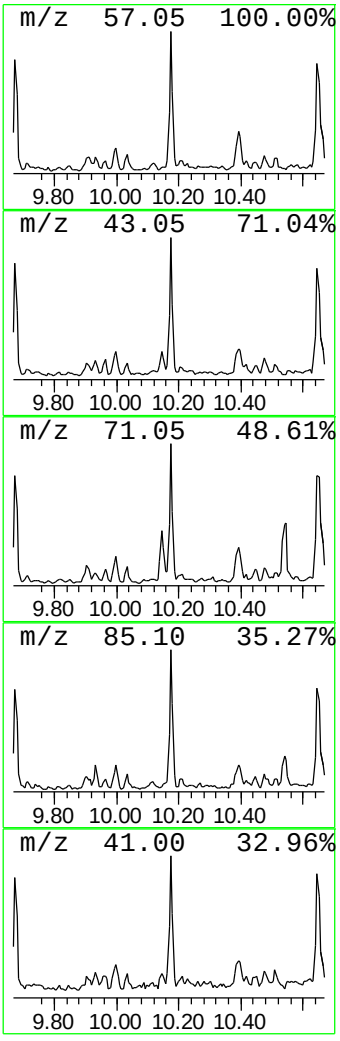
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.24 ng	164422	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Tridecane	184	C13H28	000629-50-5	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-201

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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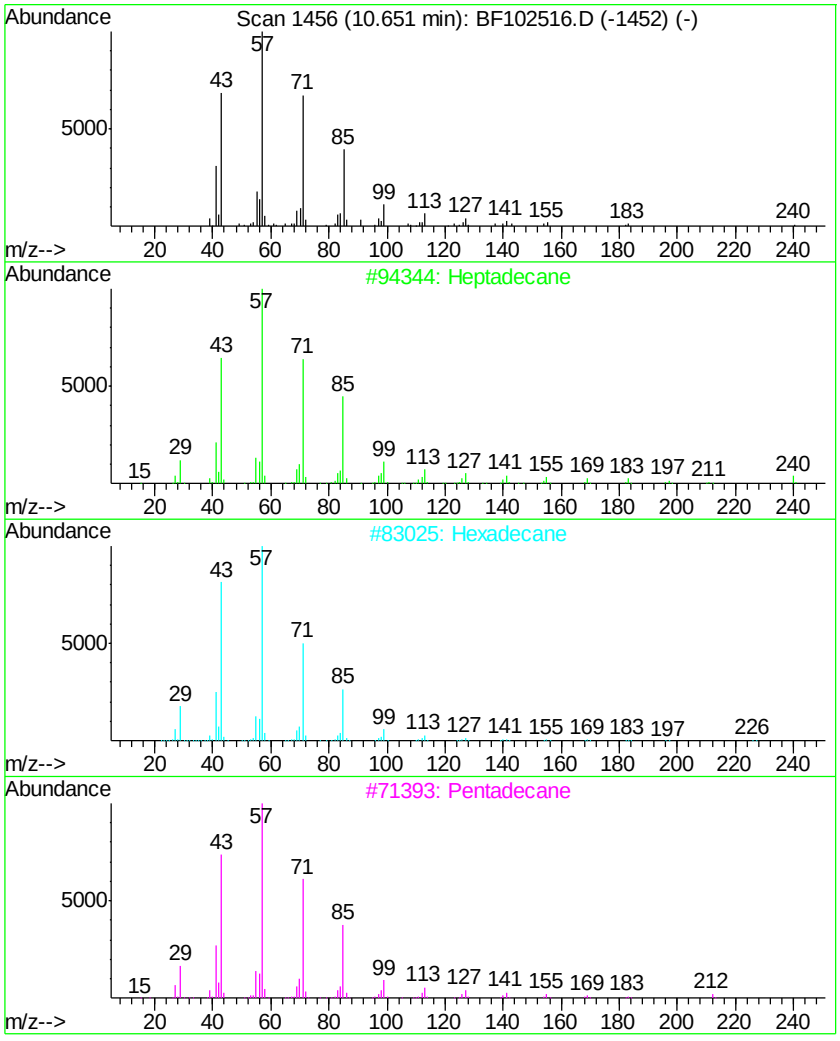
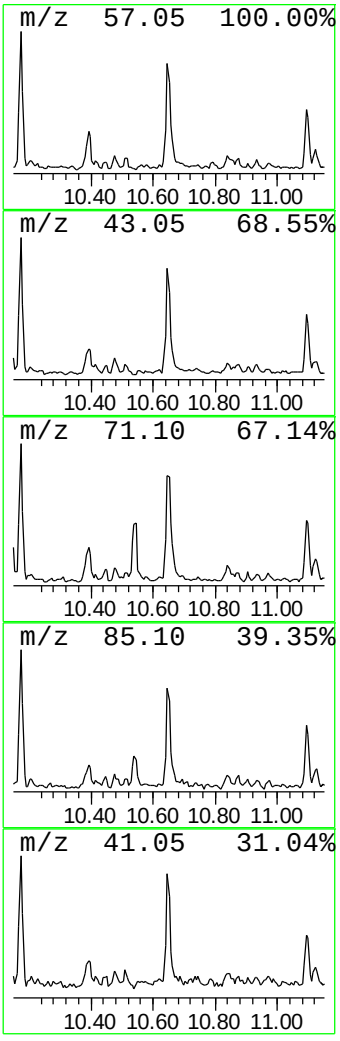
Peak Number 5 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	3.12 ng	199951	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tridecane	184	C13H28	000629-50-5	90





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-201

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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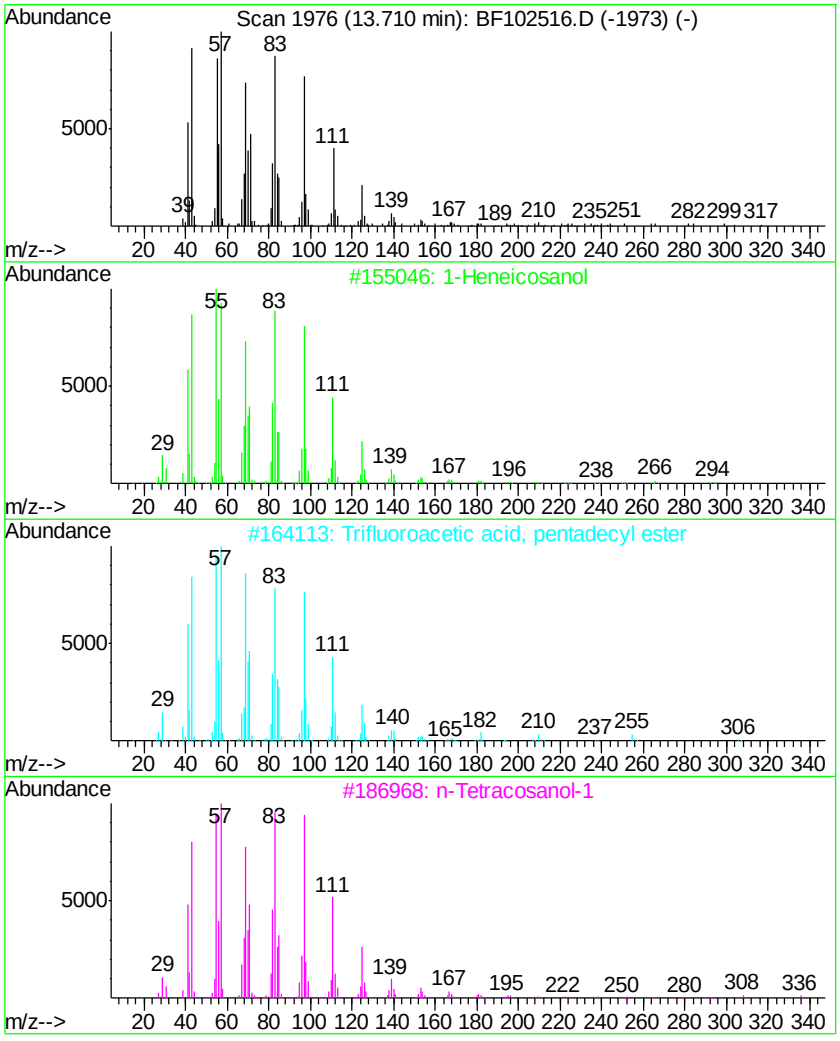
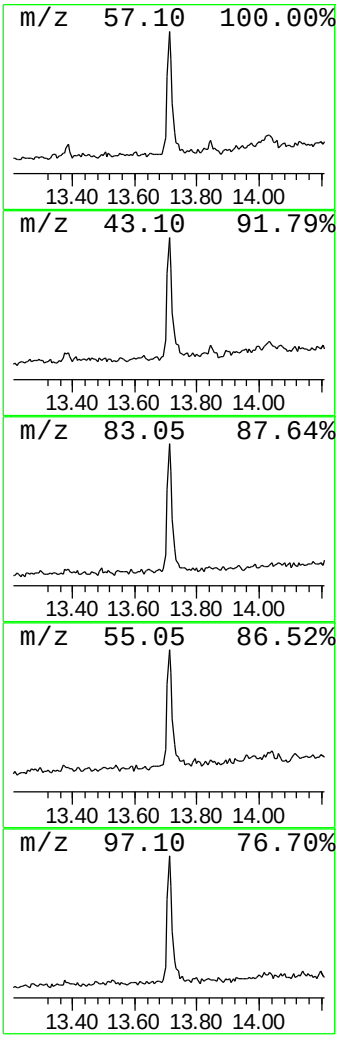
Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	9.93 ng	413432	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-hy...	4.93	2.6	ng	136013	1	6.72	1041580	20.0
unknown6.49	6.49	77.5	ng	4034870	1	6.72	1041580	20.0
Hexadecane	10.17	2.2	ng	164422	3	9.75	1467230	20.0
Heptadecane	10.65	3.1	ng	199951	4	11.23	1280480	20.0
1-Heneicosanol	13.71	9.9	ng	413432	5	13.87	832902	20.0