LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104414.D
Acq On : 10 Apr 2018 17:40
Operator : JU/SJ
Sample : J2301-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-L-6(0-5)

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	5.022	494	499	507	rVB	108823	138360	5.09%	0.596%
2	5.422	561	567	570	rBV	2689958	2666150	98.15%	11.484%
3	6.063	673	676	682	rBV	46257	59155	2.18%	0.255%
4	6.439	734	740	743	rBV	2598787	2647209	97.45%	11.403%
5	6.575	758	763	766	rBV	2793257	2716440	100.00%	11.701%
6	6.810	799	803	806	rBV	844253	720747	26.53%	3.105%
7	6.963	825	829	832	rBV	2441900	2109834	77.67%	9.088%
8	7.375	893	899	902	rBV	1759939	1649469	60.72%	7.105%
9	8.092	1017	1021	1024	rBV	1162270	921960	33.94%	3.971%
10	9.169	1199	1204	1207	rBV	3073217	2606401	95.95%	11.227%
11	9.557	1267	1270	1273	rBV	238002	195718	7.20%	0.843%
12	9.774	1304	1307	1310	rVB	75236	53480	1.97%	0.230%
13	9.845	1315	1319	1323	rVB2	1048417	884018	32.54%	3.808%
14	10.274	1389	1392	1395	rVB	88961	66117	2.43%	0.285%
15	10.492	1424	1429	1432	rBV	22854	30787	1.13%	0.133%
16	10.633	1449	1453	1457	rBV	1527876	1324180	48.75%	5.704%
17	10.751	1469	1473	1482	rBV	71153	86924	3.20%	0.374%
18	11.198	1546	1549	1552	rBV	38428	31046	1.14%	0.134%
19	11.333	1568	1572	1575	rBV	854832	693432	25.53%	2.987%
20	11.857	1658	1661	1666	rBV	50119	45334	1.67%	0.195%
21	12.921	1838	1842	1846	rBV	1911965	1813220	66.75%	7.810%
22	13.815	1991	1994	2005	rBV	270042	266067	9.79%	1.146%
23	13.974	2017	2021	2025	rBV	768757	728184	26.81%	3.137%
24	14.457	2099	2103	2107	rBV3	26277	35620	1.31%	0.153%
25	14.833	2163	2167	2171	rVB	127006	122982	4.53%	0.530%
26	15.439	2265	2270	2274	rBV	455327	562105	20.69%	2.421%
27	15.956	2354	2358	2363	rVB6	25774	40747	1.50%	0.176%

Sum of corrected areas: 23215686

LSC Report - Integrated Chromatogram

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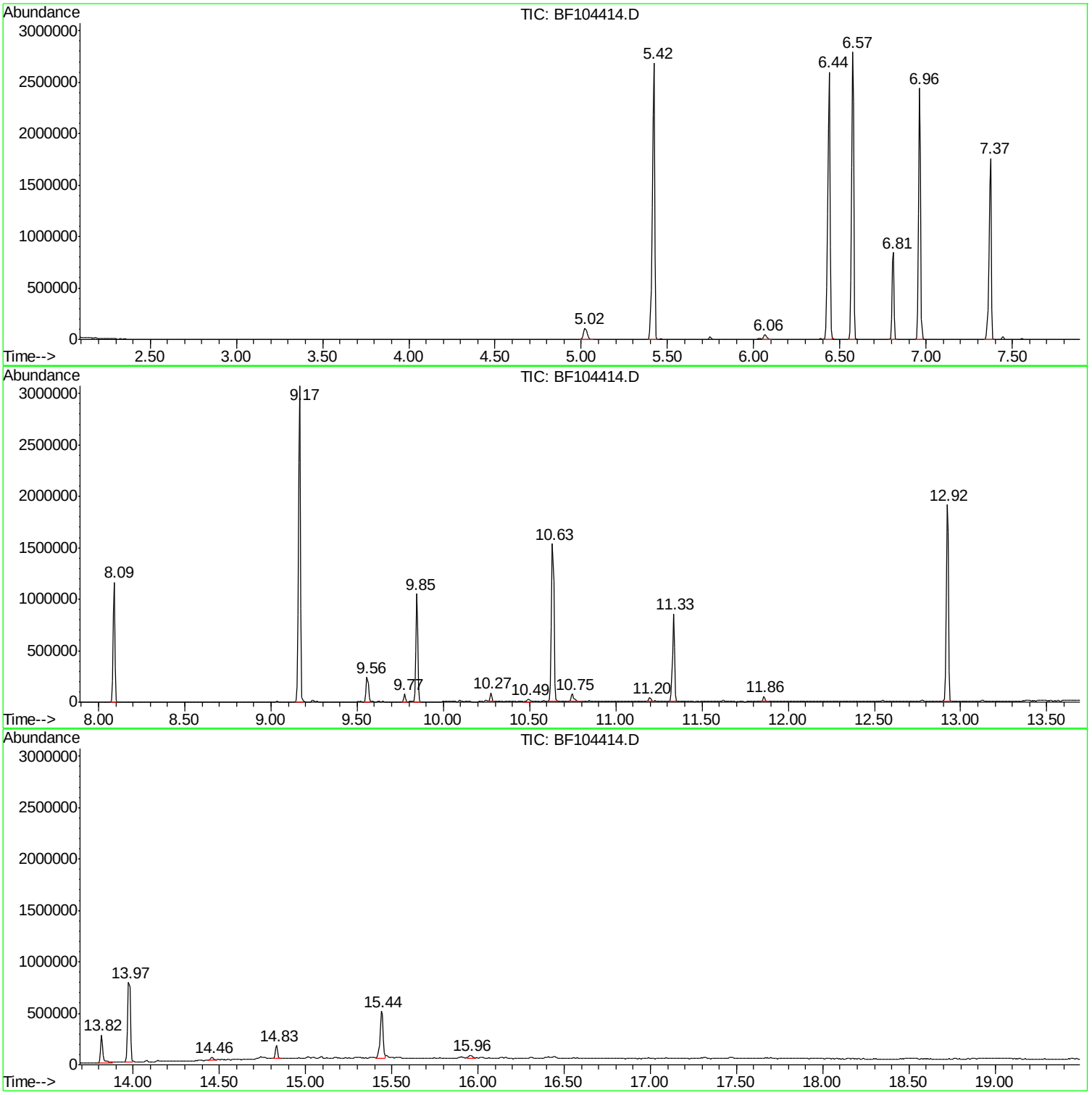
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104414.D
Acq On : 10 Apr 2018 17:40
Operator : JU/SJ
Sample : J2301-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-L-6(0-5)

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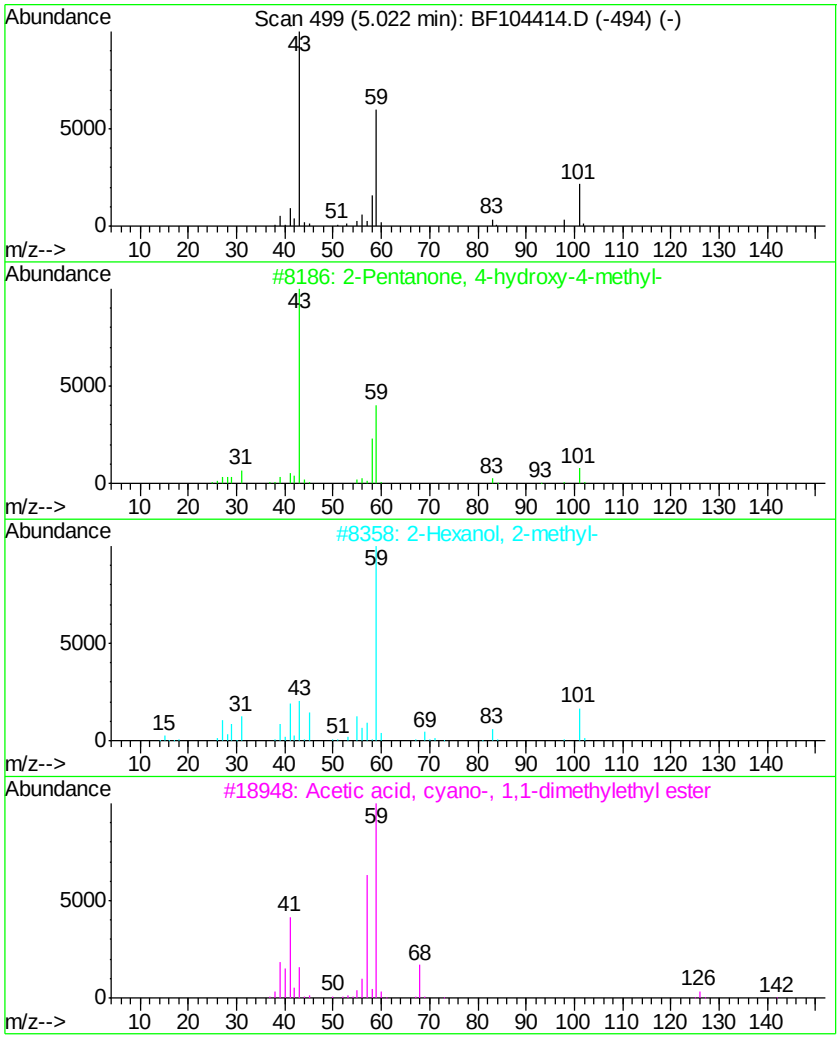
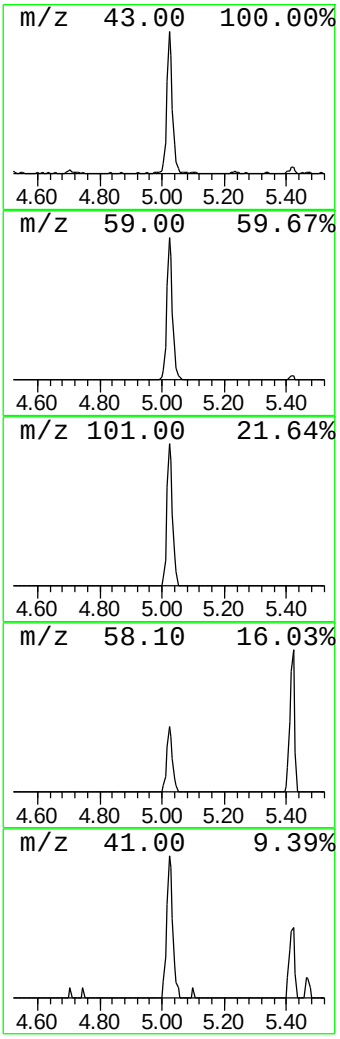
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.84 ng	138360	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : J2301-01
Misc :
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Instrument : BNA_F
ClientSampleId : EPE-L-6(0-5)

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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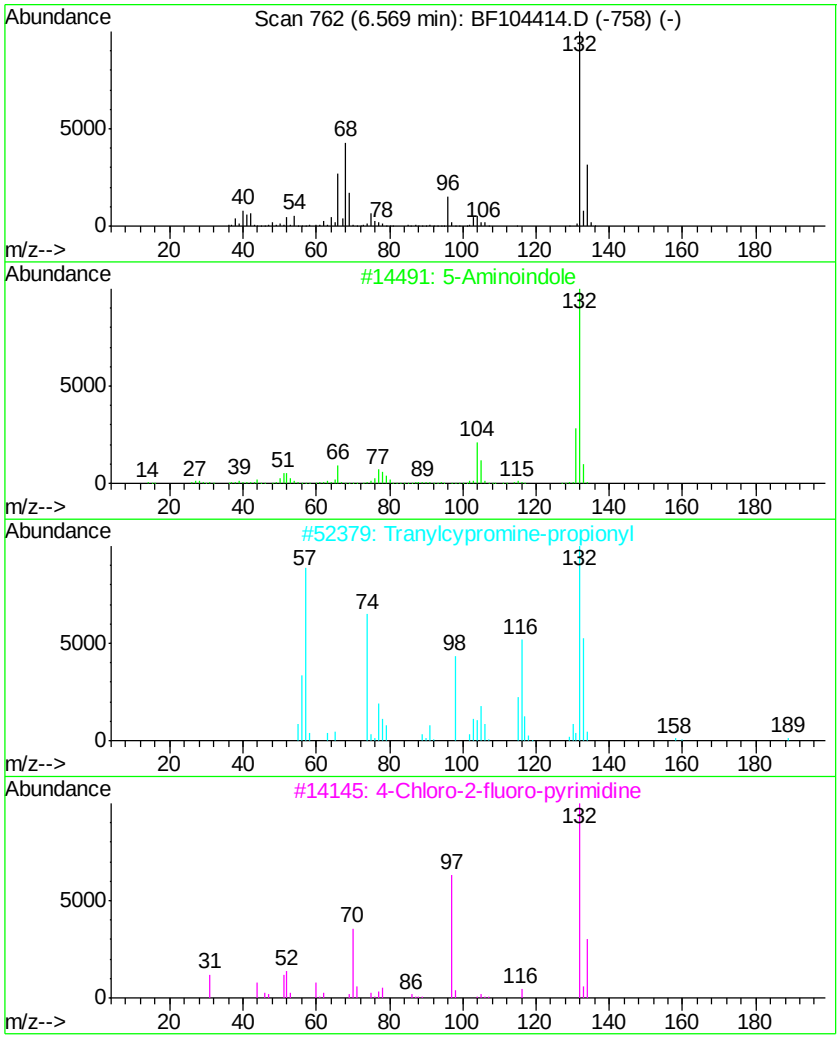
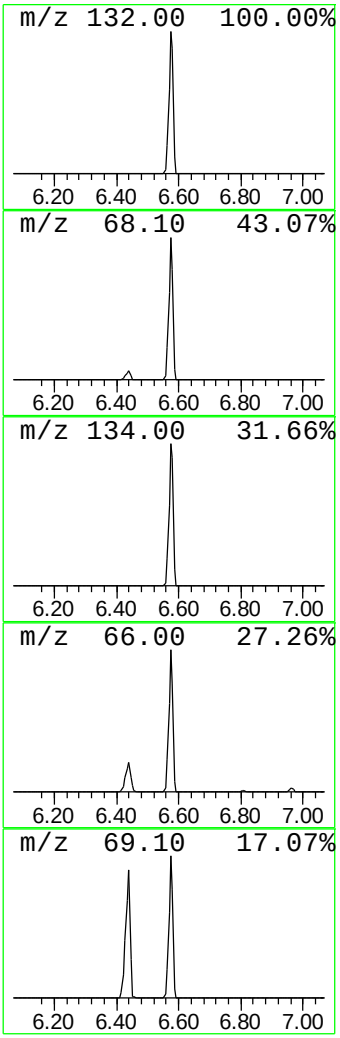
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	75.38 ng	2716440	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : J2301-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-L-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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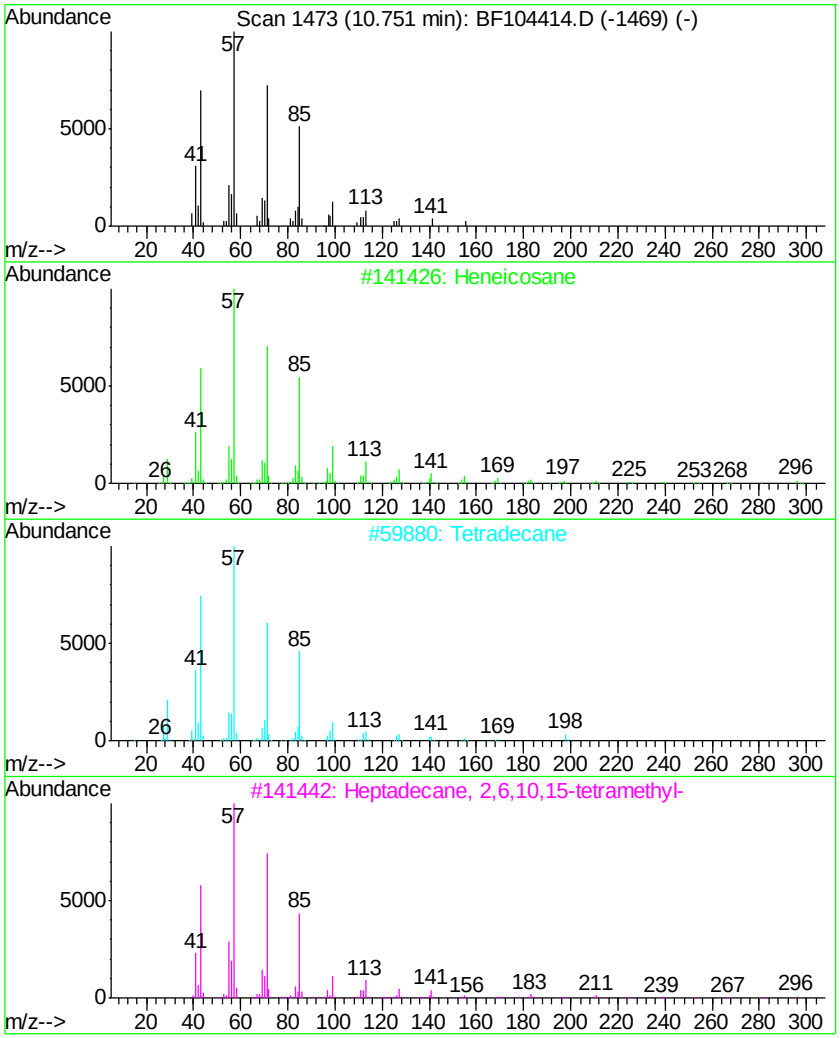
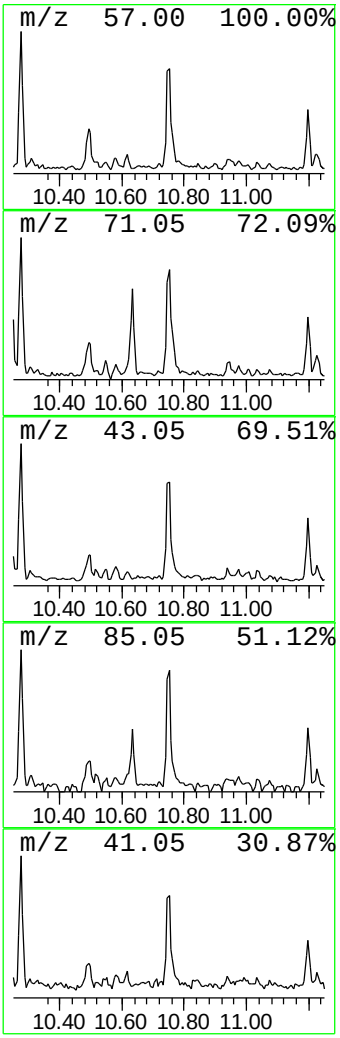
Peak Number 4 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.51 ng	86924	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Instrument : BNA_F
ClientSampleId : EPE-L-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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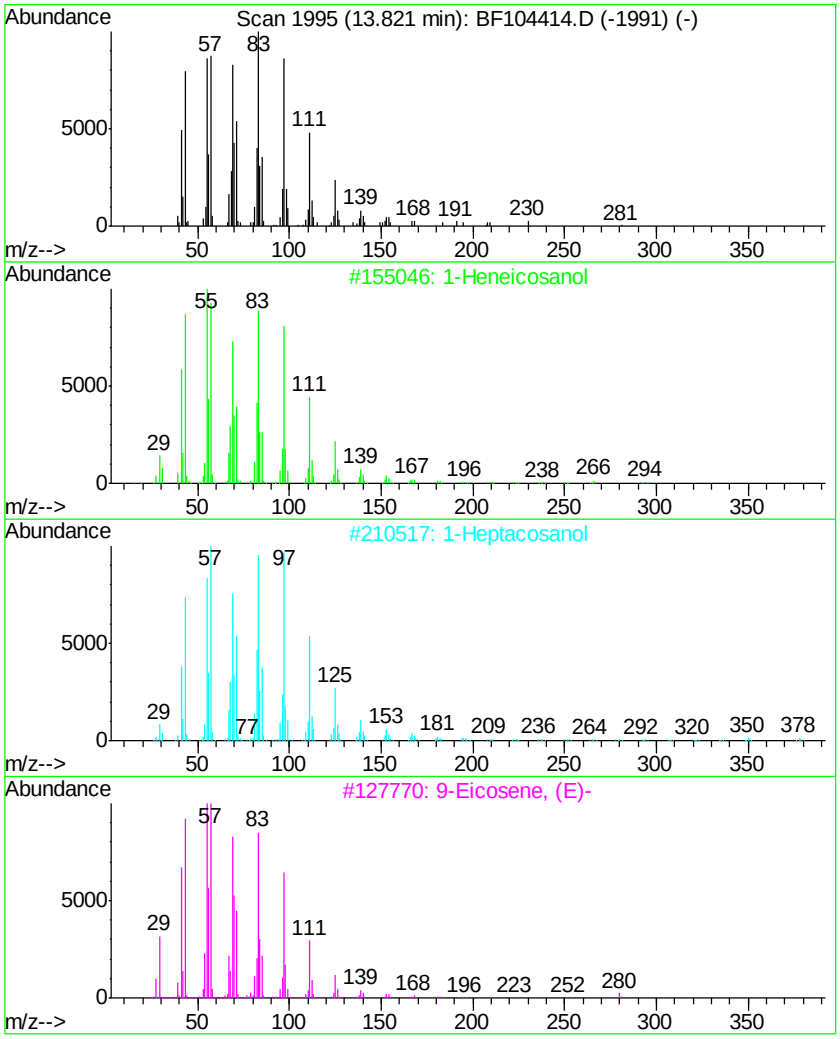
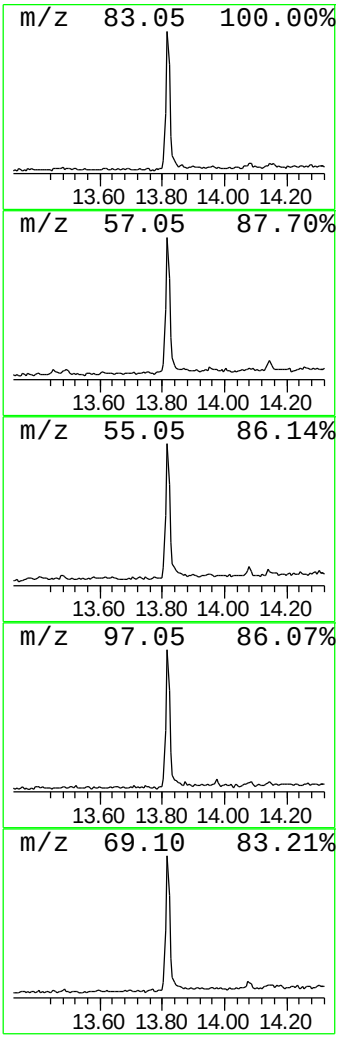
Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	7.31 ng	266067	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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Misc :
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Instrument : BNA_F
ClientSampleId : EPE-L-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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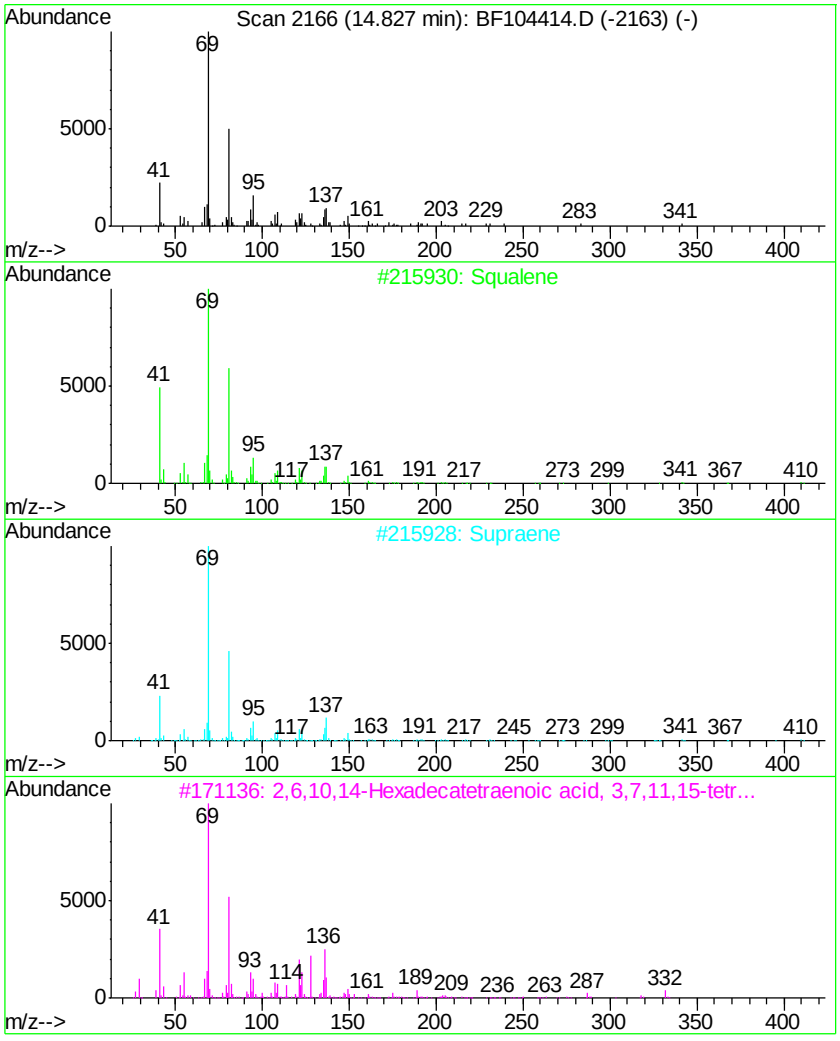
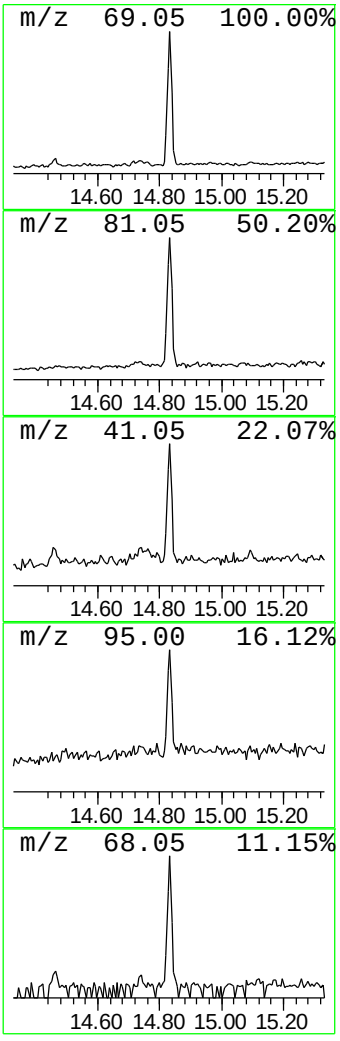
Peak Number 6 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	4.38 ng	122982	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64





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...	5.02	3.8	ng	138360	1	6.81	720747	20.0
unknown6.57	6.57	75.4	ng	2716440	1	6.81	720747	20.0
Heneicosane	10.75	2.5	ng	86924	4	11.33	693432	20.0
1-Heneicosanol	13.82	7.3	ng	266067	5	13.98	728184	20.0
Squalene	14.83	4.4	ng	122982	6	15.44	562105	20.0