LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104848.D
Acq On : 26 Apr 2018 20:13
Operator : JU/SJ
Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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	493	496	507	rBV	71905	92781	4.49%	0.480%
2	5.416	562	566	581	rBV	1912042	2016294	97.47%	10.435%
3	6.445	736	741	755	rBV	1864532	1990494	96.23%	10.301%
4	6.575	758	763	766	rBV	2153422	2068548	100.00%	10.705%
5	6.798	798	801	805	rBV	725815	563489	27.24%	2.916%
6	6.957	824	828	831	rBV	1765983	1563002	75.56%	8.089%
7	7.369	893	898	908	rBV	1220374	1228234	59.38%	6.356%
8	8.086	1016	1020	1026	rBV	659509	656316	31.73%	3.397%
9	9.157	1198	1202	1211	rBV	2105565	1828992	88.42%	9.466%
10	9.233	1211	1215	1218	rVB	44115	41645	2.01%	0.216%
11	9.551	1265	1269	1277	rVB	146275	161963	7.83%	0.838%
12	9.704	1290	1295	1298	rBV	26972	30229	1.46%	0.156%
13	9.763	1302	1305	1308	rVB	93529	73871	3.57%	0.382%
14	9.839	1314	1318	1327	rVB	732770	622582	30.10%	3.222%
15	10.080	1357	1359	1363	rBV3	32570	29248	1.41%	0.151%
16	10.157	1368	1372	1375	rBV5	16835	24781	1.20%	0.128%
17	10.263	1387	1390	1393	rVB	119352	99349	4.80%	0.514%
18	10.480	1421	1427	1429	rBV	44723	56834	2.75%	0.294%
19	10.633	1449	1453	1464	rBV	1137737	1063843	51.43%	5.506%
20	10.733	1467	1470	1480	rVB	142413	166942	8.07%	0.864%
21	10.927	1500	1503	1507	rBV4	19010	26660	1.29%	0.138%
22	11.186	1543	1547	1549	rBV	88822	83408	4.03%	0.432%
23	11.210	1549	1551	1557	rVB2	47598	59673	2.88%	0.309%
24	11.333	1568	1572	1574	rBV	593264	589972	28.52%	3.053%
25	11.351	1574	1575	1582	rVB	72974	74711	3.61%	0.387%
26	11.563	1607	1611	1616	rBV8	17670	28329	1.37%	0.147%
27	11.610	1616	1619	1623	rVB	80712	69031	3.34%	0.357%
28	11.663	1625	1628	1632	rVB3	14847	22892	1.11%	0.118%
29	11.833	1654	1657	1660	rBV	32933	36201	1.75%	0.187%
30	11.863	1660	1662	1666	rVB	44383	35982	1.74%	0.186%
31	11.945	1673	1676	1678	rBV2	33888	37184	1.80%	0.192%
32	11.969	1678	1680	1682	rVB	27104	23257	1.12%	0.120%
33	12.016	1685	1688	1692	rBV	63995	65802	3.18%	0.341%
34	12.380	1747	1750	1753	rBV	51144	54812	2.65%	0.284%

LSC Area Percent Report

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Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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

35	12.410	1753	1755	1759	rVV3	71932	73534	3.55%	0.381%
36	12.474	1763	1766	1769	rBV3	20377	27717	1.34%	0.143%
37	12.545	1775	1778	1783	rBV	106064	96565	4.67%	0.500%
38	12.780	1812	1818	1824	rBV2	158754	210544	10.18%	1.090%
39	12.833	1824	1827	1830	rVB2	30201	32405	1.57%	0.168%
40	12.916	1837	1841	1845	rBV	1748192	1566796	75.74%	8.109%
41	12.992	1851	1854	1861	rBV6	22435	49375	2.39%	0.256%
42	13.139	1876	1879	1882	rBV2	44392	39968	1.93%	0.207%
43	13.210	1889	1891	1895	rBV	29776	32025	1.55%	0.166%
44	13.304	1905	1907	1910	rBV	28870	24178	1.17%	0.125%
45	13.333	1910	1912	1914	rBV	32980	29897	1.45%	0.155%
46	13.480	1935	1937	1940	rVB2	51134	38683	1.87%	0.200%
47	13.804	1989	1992	1996	rBV	253011	257498	12.45%	1.333%
48	13.980	2018	2022	2025	rBV	675307	663271	32.06%	3.433%
49	14.127	2045	2047	2050	rBV2	53031	47635	2.30%	0.247%
50	14.439	2098	2100	2103	rVB3	67653	59932	2.90%	0.310%
51	15.451	2268	2272	2279	rVB2	384803	485144	23.45%	2.511%

Sum of corrected areas: 19322518

LSC Report - Integrated Chromatogram

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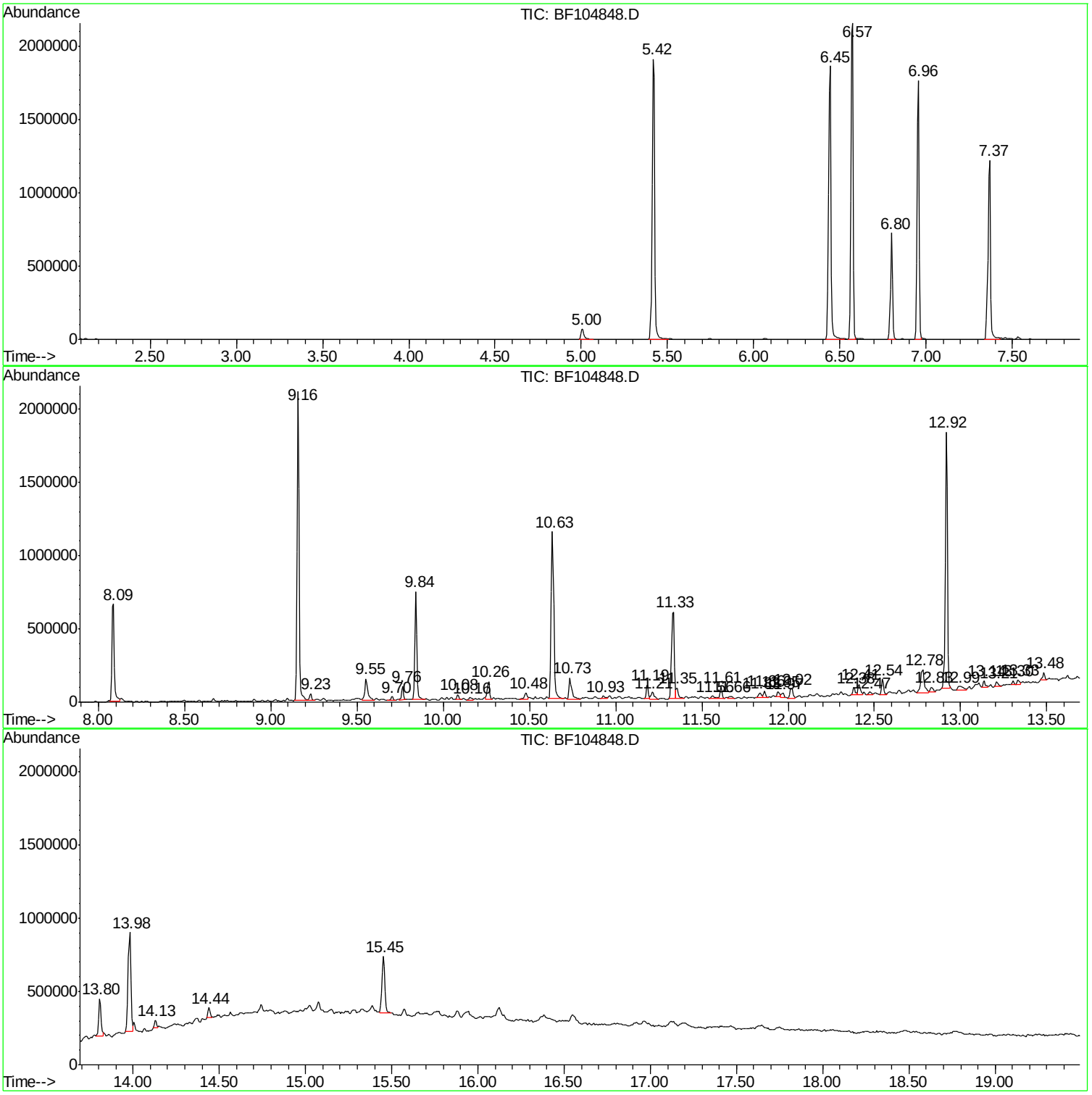
Operator : JU/SJ
Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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\BF042618\
Data File : BF104848.D
Acq On : 26 Apr 2018 20:13
Operator : JU/SJ
Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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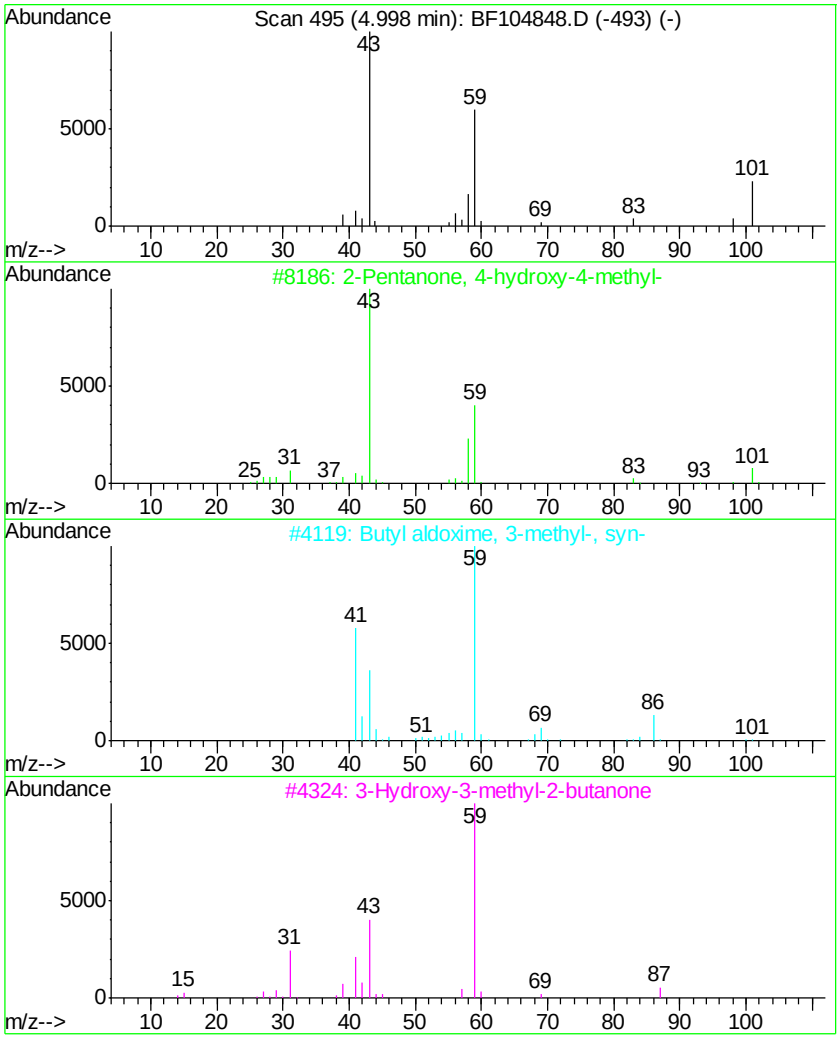
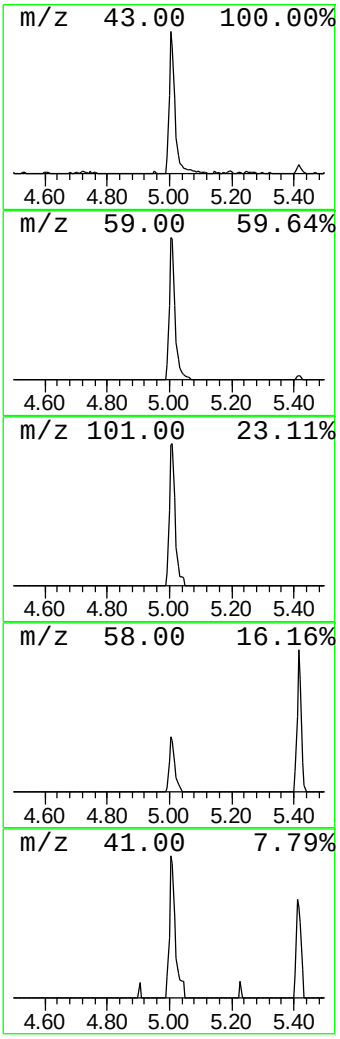
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.29 ng	92781	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	56
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
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Operator : JU/SJ
Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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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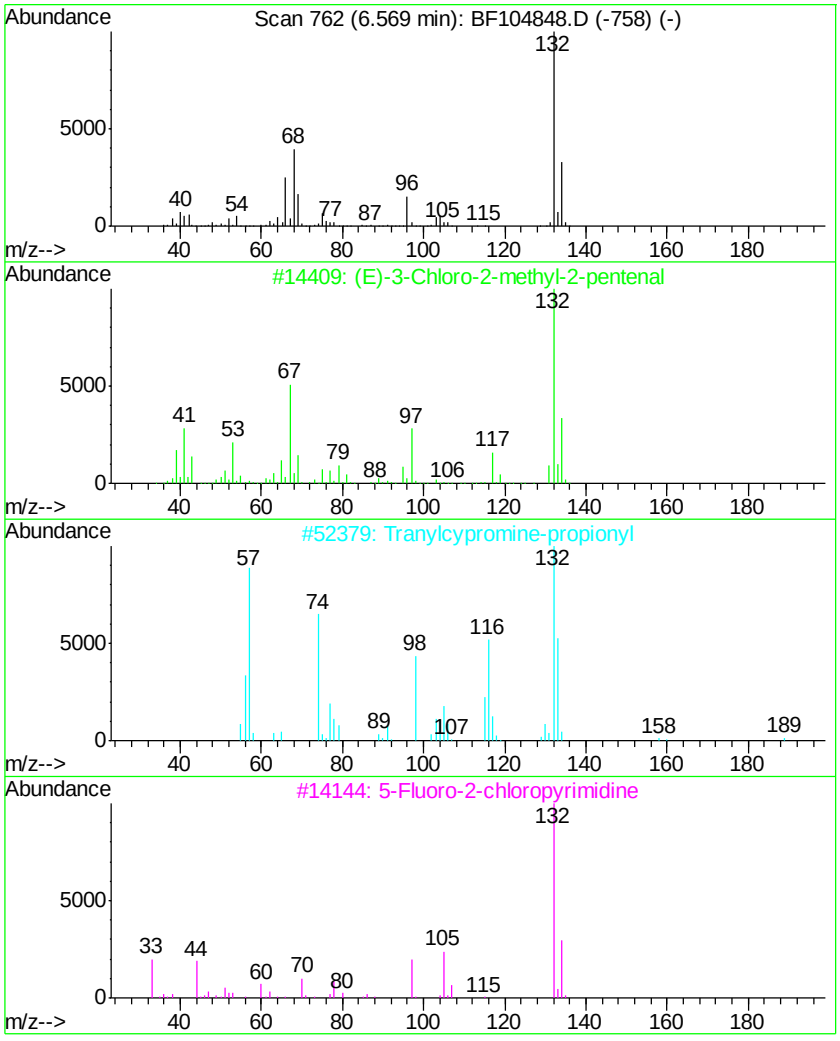
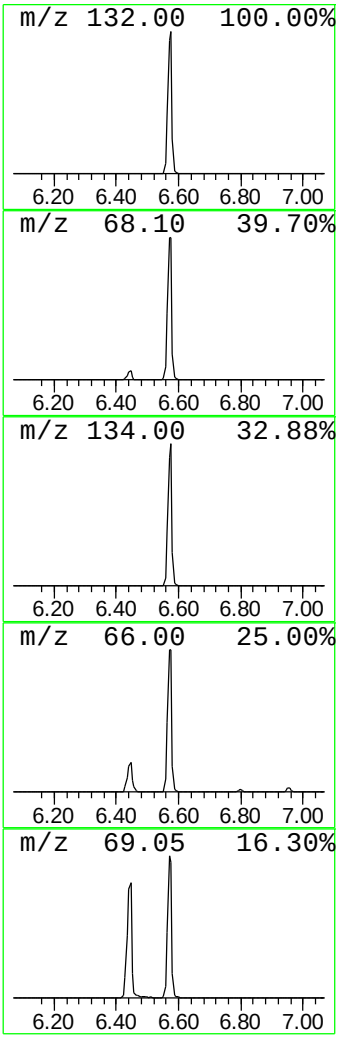
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	73.42 ng	2068550	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104848.D
Acq On : 26 Apr 2018 20:13
Operator : JU/SJ
Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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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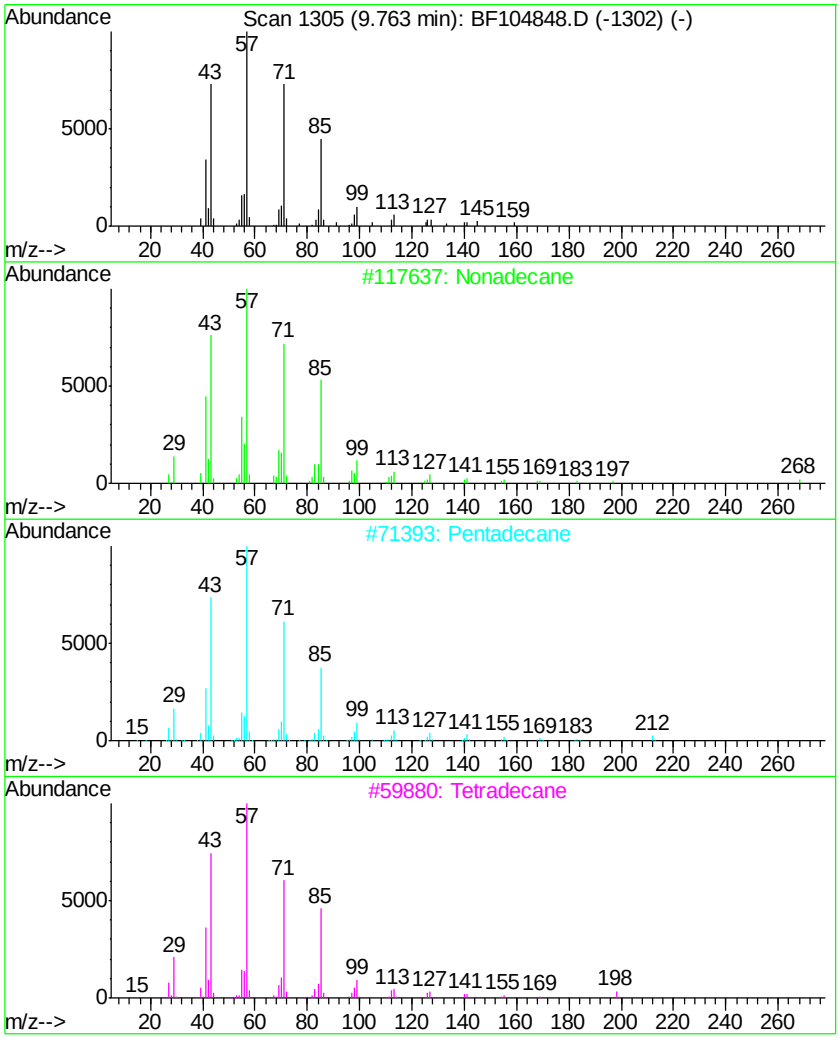
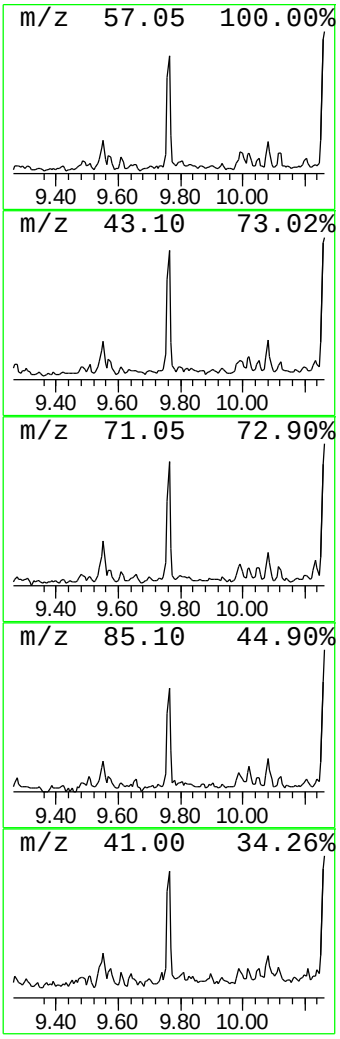
Peak Number 4 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.37 ng	73871	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104848.D
Acq On : 26 Apr 2018 20:13
Operator : JU/SJ
Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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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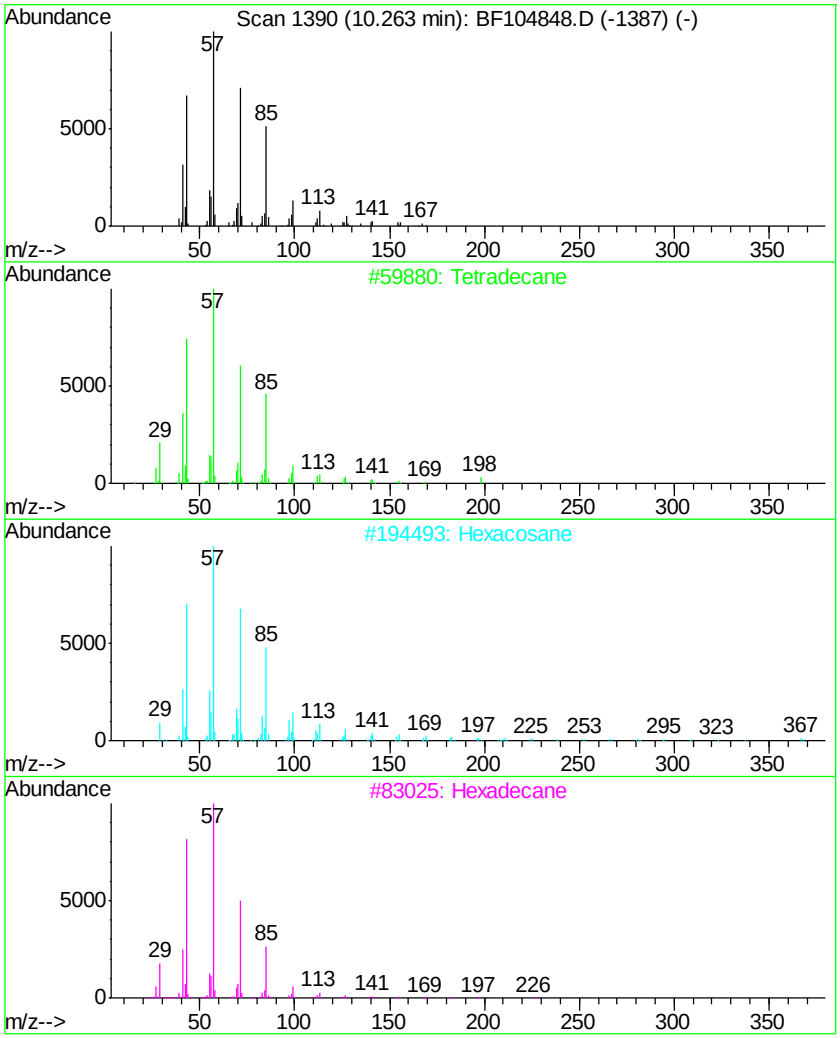
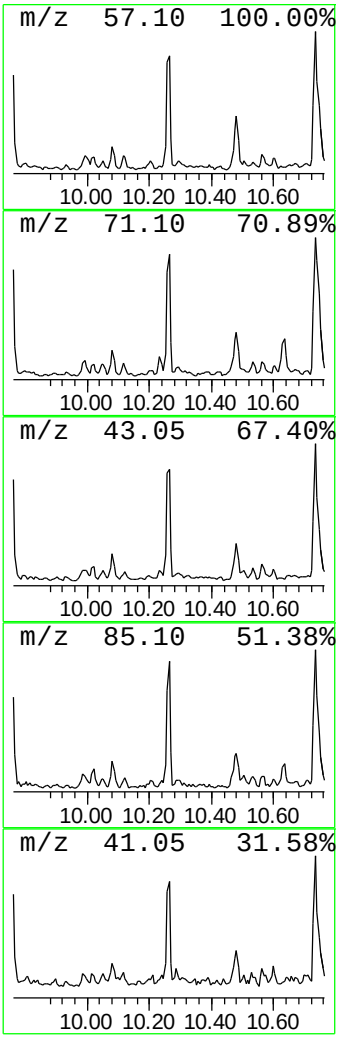
Peak Number 5 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	3.19 ng	99349	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90





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Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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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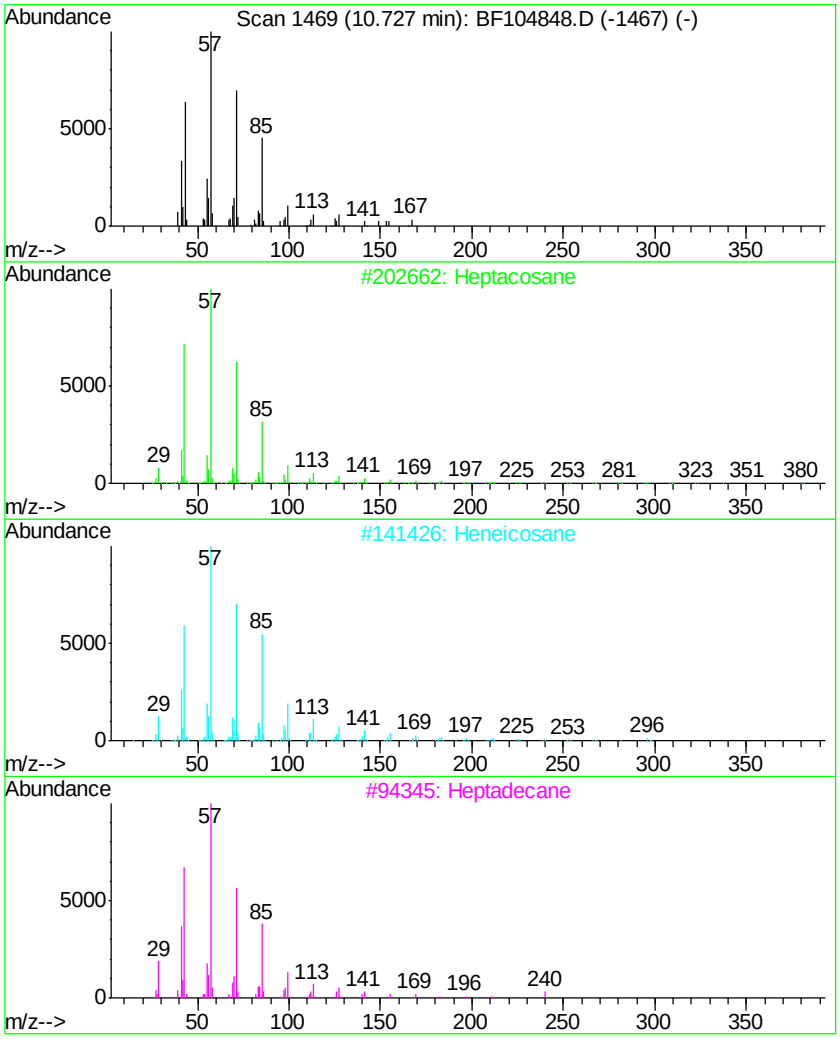
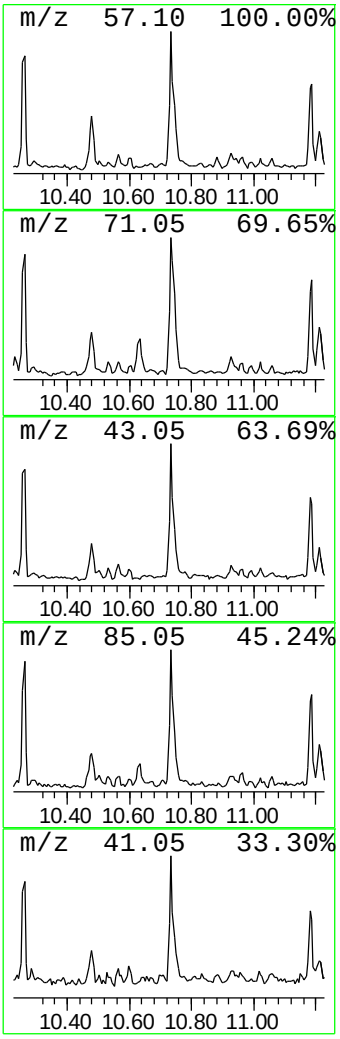
Peak Number 6 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	5.66 ng	166942	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104848.D
Acq On : 26 Apr 2018 20:13
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Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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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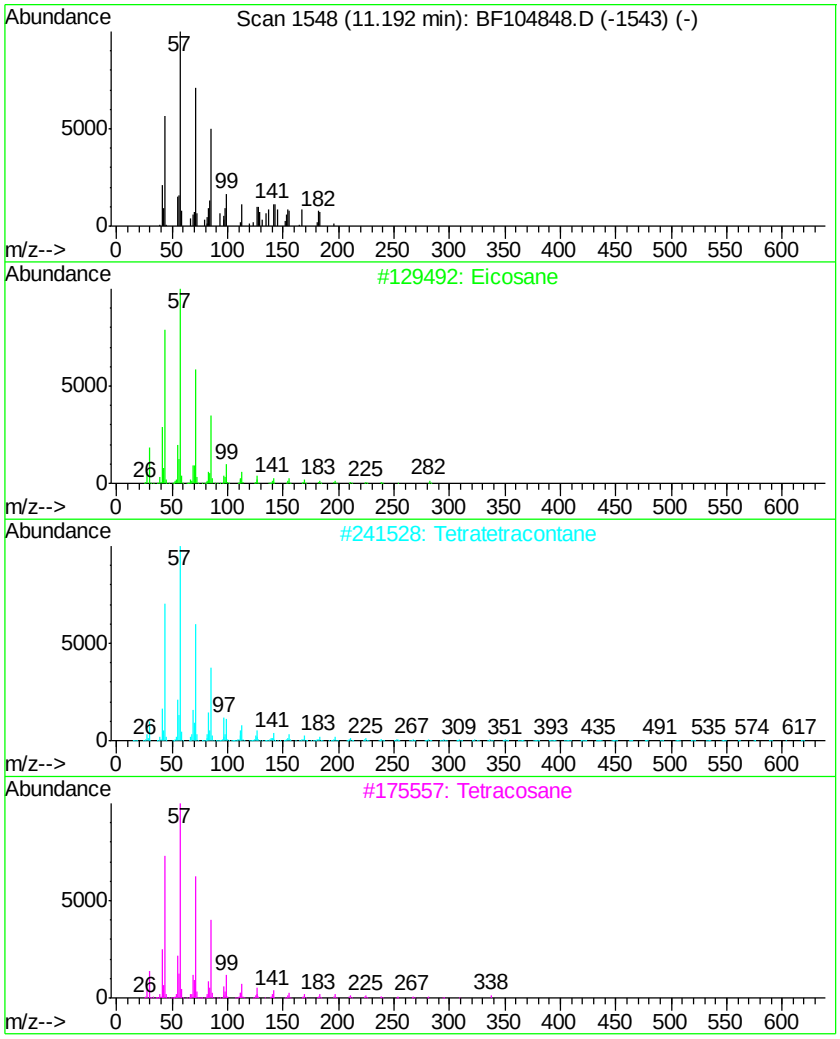
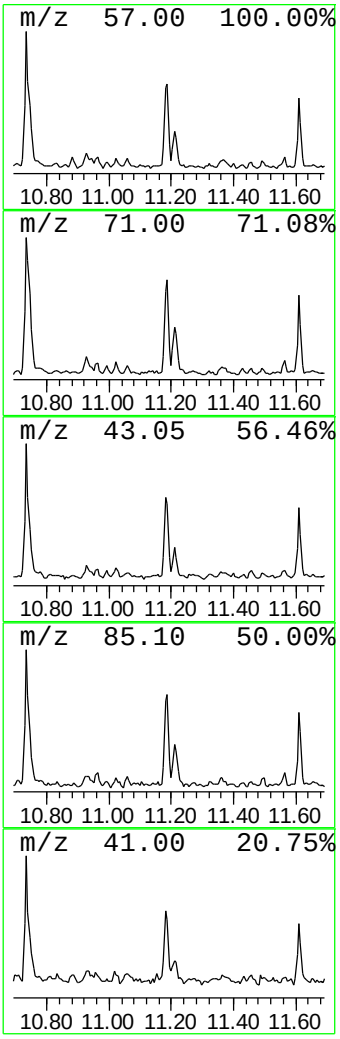
Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.83 ng	83408	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Data File : BF104848.D
Acq On : 26 Apr 2018 20:13
Operator : JU/SJ
Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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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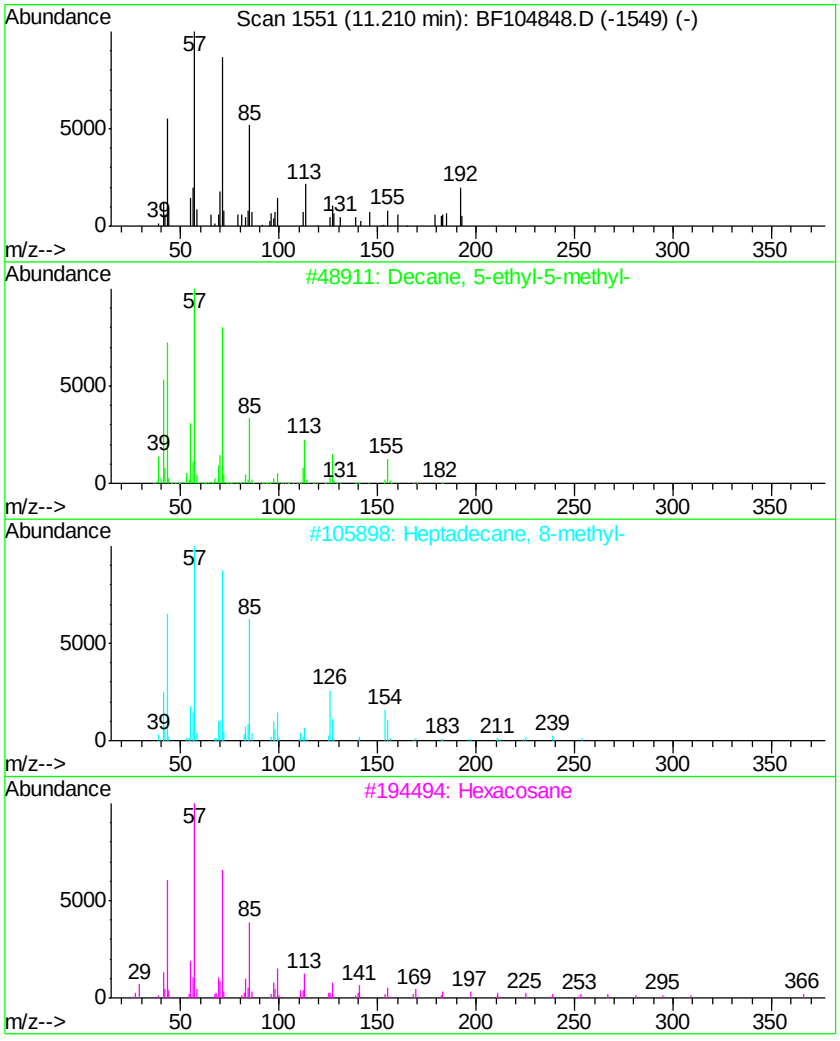
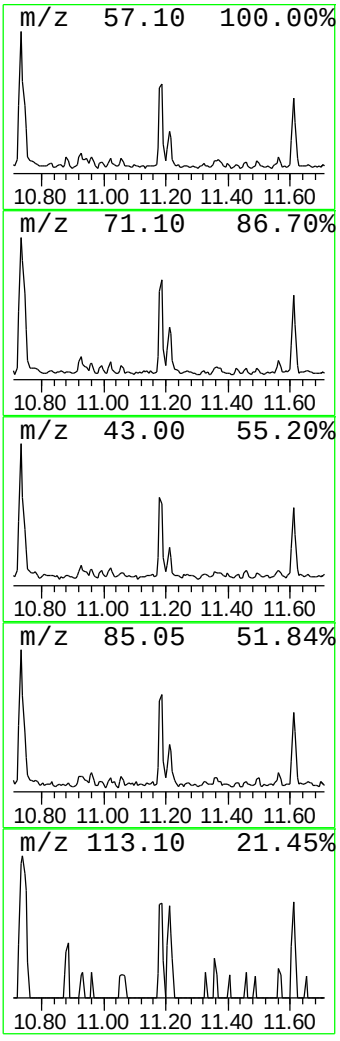
Peak Number 8 Decane, 5-ethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	2.02 ng	59673	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	53
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	53
3	Hexacosane	366	C26H54	000630-01-3	53
4	Hentriacontane	437	C31H64	000630-04-6	53
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104848.D
Acq On : 26 Apr 2018 20:13
Operator : JU/SJ
Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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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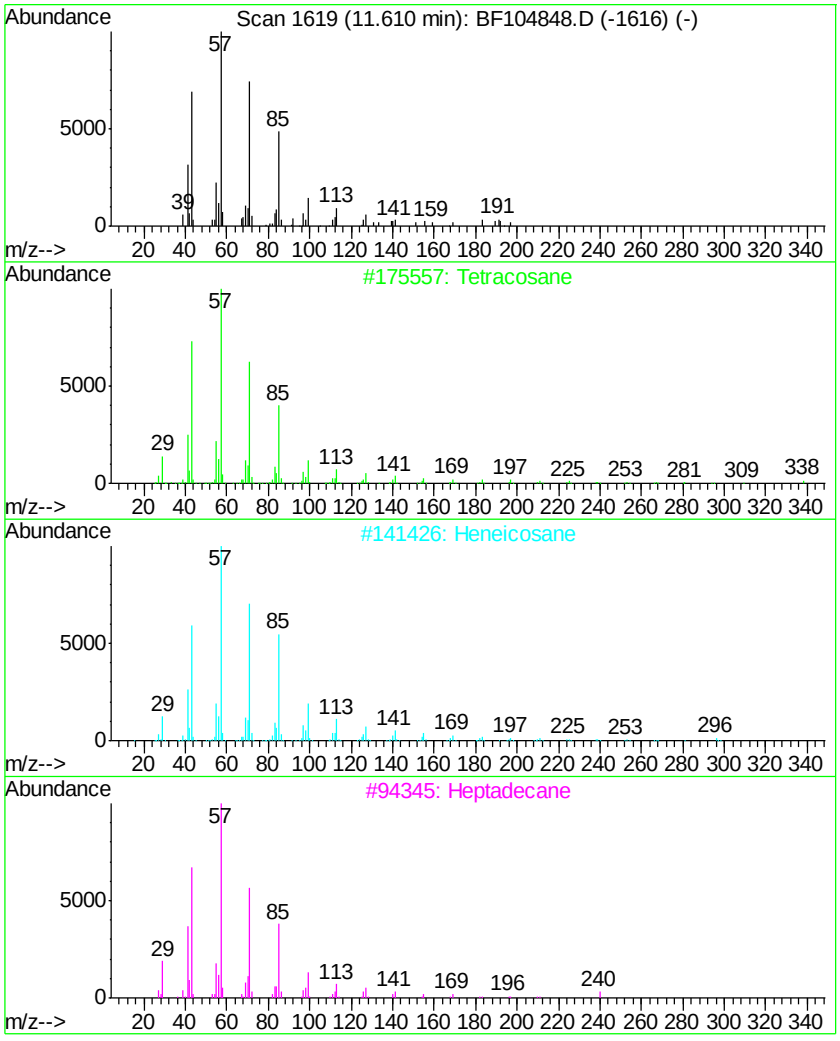
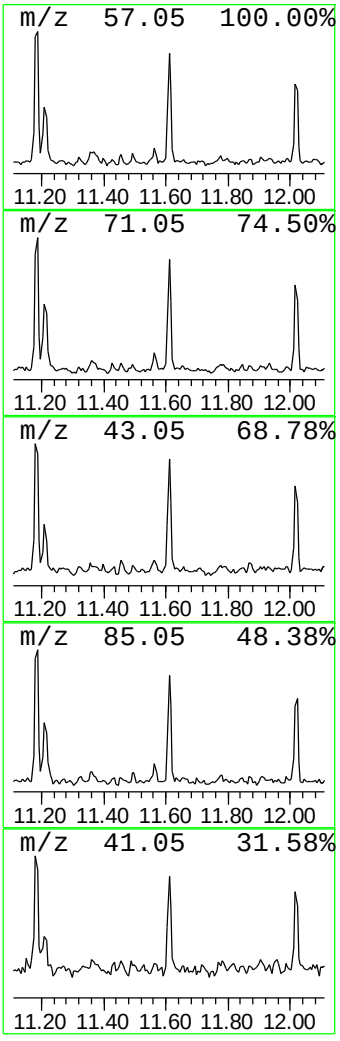
Peak Number 9 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.34 ng	69031	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104848.D
Acq On : 26 Apr 2018 20:13
Operator : JU/SJ
Sample : J2158-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-042518

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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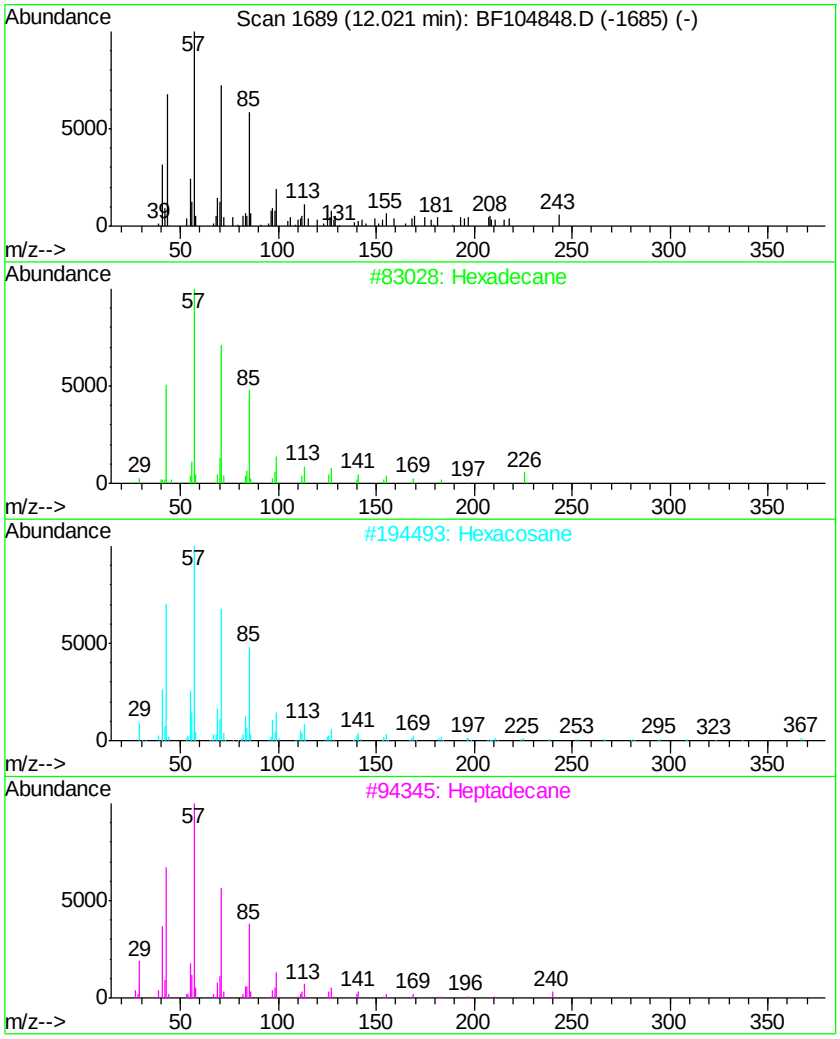
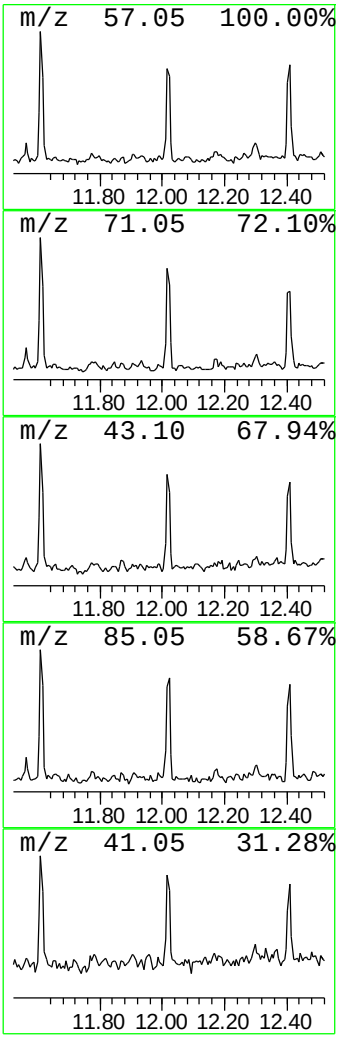
Peak Number 10 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.23 ng	65802	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Hexacosane	366	C26H54	000630-01-3	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	2-methyloctacosane	408	C29H60	1000376-72-8	80





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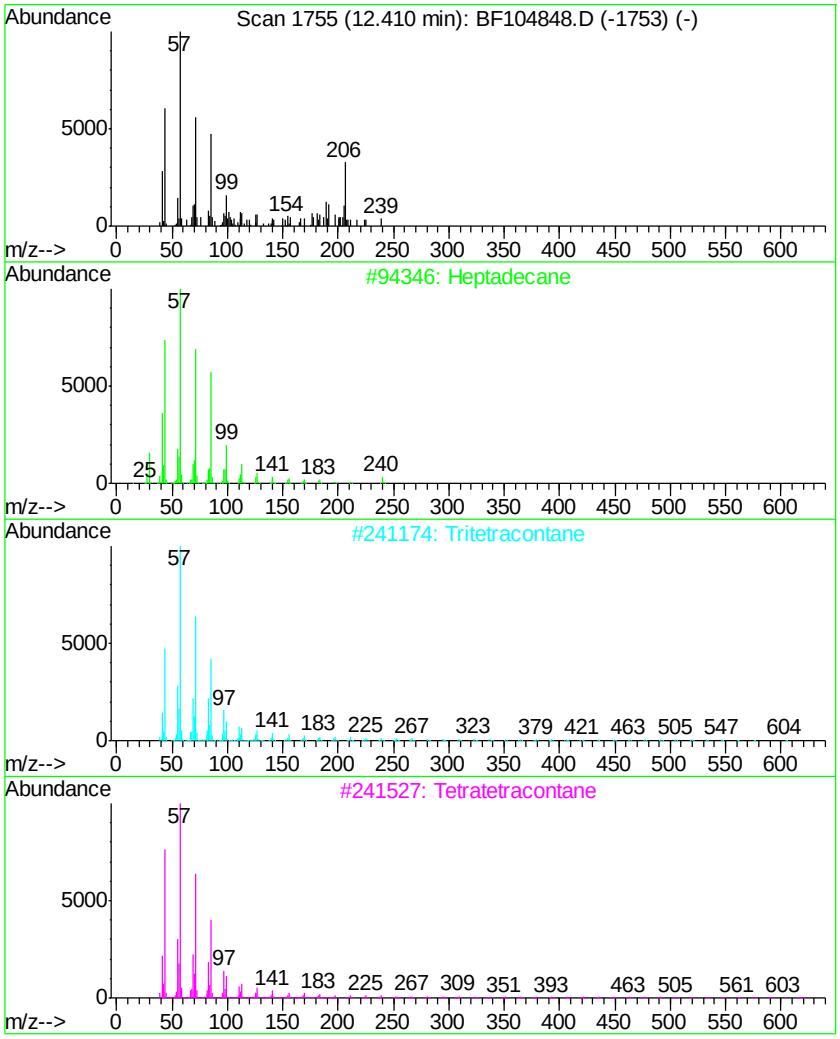
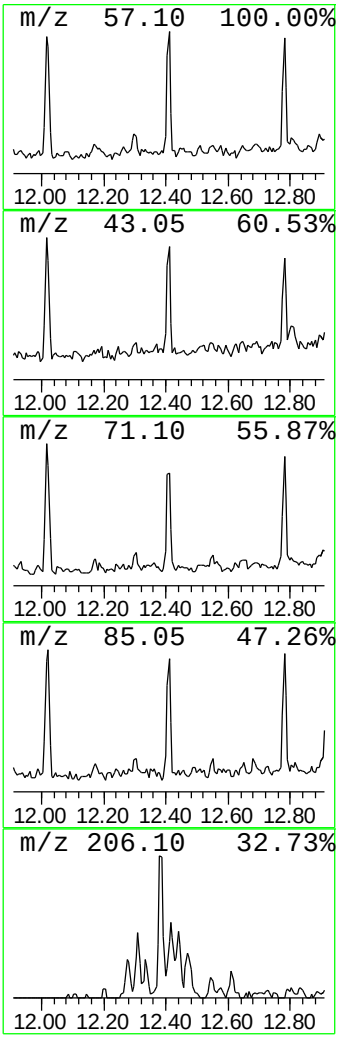
Peak Number 11 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	2.49 ng	73534	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	58
2	Tritetracontane	605	C43H88	007098-21-7	50
3	Tetratetracontane	619	C44H90	007098-22-8	50
4	Threitol, 2-O-decyl-	262	C14H30O4	1000156-80-6	50
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50





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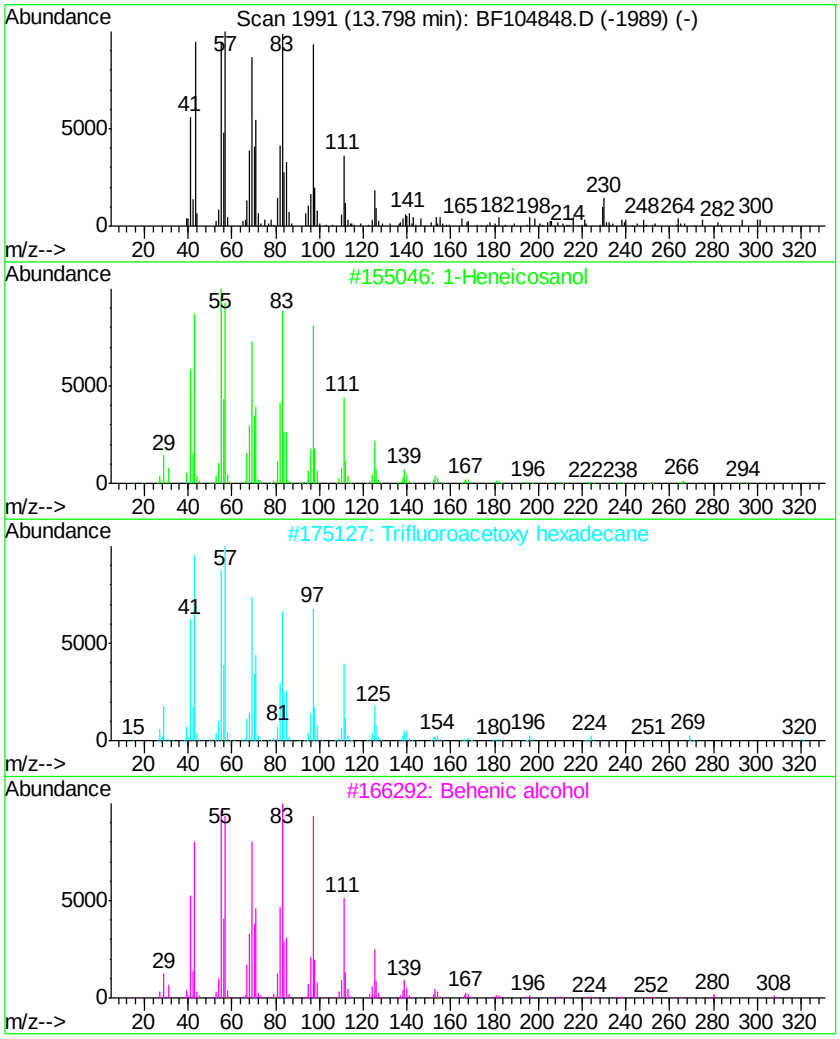
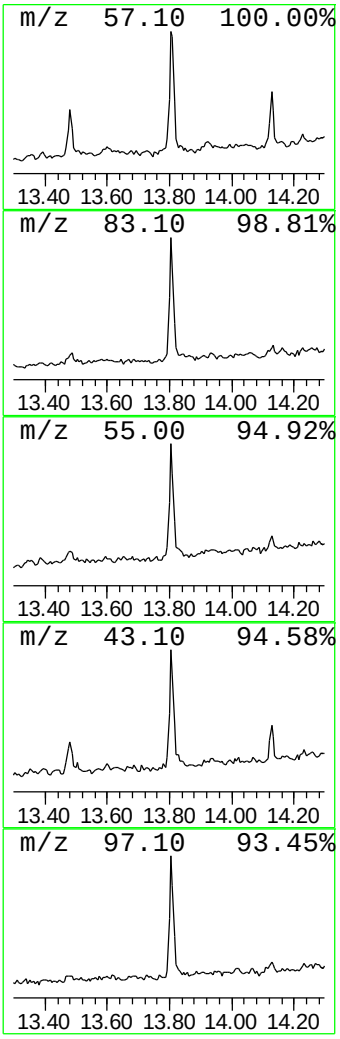
Peak Number 12 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	7.76 ng	257498	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	3.3	ng	92781	1	6.80	563489	20.0
unknown6.57	6.57	73.4	ng	2068550	1	6.80	563489	20.0
Nonadecane	9.76	2.4	ng	73871	3	9.84	622582	20.0
Tetradecane	10.26	3.2	ng	99349	3	9.84	622582	20.0
Heptacosane	10.73	5.7	ng	166942	4	11.33	589972	20.0
Eicosane	11.19	2.8	ng	83408	4	11.33	589972	20.0
Decane, 5-ethyl-5...	11.21	2.0	ng	59673	4	11.33	589972	20.0
Tetracosane	11.61	2.3	ng	69031	4	11.33	589972	20.0
Hexadecane	12.02	2.2	ng	65802	4	11.33	589972	20.0
Heptadecane	12.41	2.5	ng	73534	4	11.33	589972	20.0
1-Heneicosanol	13.80	7.8	ng	257498	5	13.98	663271	20.0