LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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	4.887	472	476	483	rBV	35815	42201	1.67%	0.131%
2	5.322	546	550	563	rBV	824932	849333	33.63%	2.638%
3	5.416	563	566	570	rVB	31589	29416	1.16%	0.091%
4	6.351	721	725	740	rBV	513092	637180	25.23%	1.979%
5	6.475	742	746	754	rBV	1836911	1668348	66.05%	5.182%
6	6.698	781	784	793	rBV	612775	571569	22.63%	1.775%
7	6.769	793	796	804	rVV	24955	35394	1.40%	0.110%
8	6.857	807	811	829	rVB	1842724	1631304	64.59%	5.067%
9	7.263	875	880	893	rBV	1288207	1351011	53.49%	4.197%
10	7.657	941	947	950	rBV5	22842	37953	1.50%	0.118%
11	7.798	967	971	974	rBV4	15106	31059	1.23%	0.096%
12	7.981	997	1002	1009	rVB	846129	767711	30.40%	2.385%
13	8.257	1046	1049	1055	rBV	36033	39137	1.55%	0.122%
14	9.057	1180	1185	1200	rBV	2627451	2525731	100.00%	7.846%
15	9.451	1248	1252	1263	rBV	441702	377728	14.96%	1.173%
16	9.727	1296	1299	1308	rVB	870149	812874	32.18%	2.525%
17	9.951	1332	1337	1344	rBV2	34867	50261	1.99%	0.156%
18	10.157	1367	1372	1375	rBV	2487256	2386637	94.49%	7.414%
19	10.380	1404	1410	1415	rBV3	99010	148664	5.89%	0.462%
20	10.522	1429	1434	1445	rBV	1394056	1496408	59.25%	4.648%
21	10.639	1451	1454	1463	rVB9	25354	46333	1.83%	0.144%
22	10.886	1491	1496	1501	rBV7	17019	36224	1.43%	0.113%
23	11.210	1547	1551	1557	rBV	852001	815451	32.29%	2.533%
24	11.751	1637	1643	1655	rBV	497025	628813	24.90%	1.953%
25	11.992	1675	1684	1695	rVB	182880	495041	19.60%	1.538%
26	12.433	1756	1759	1760	rBV	39831	39776	1.57%	0.124%
27	12.533	1770	1776	1787	rVB	523675	804292	31.84%	2.498%
28	12.792	1815	1820	1823	rBV	2119120	2027004	80.25%	6.296%
29	12.857	1828	1831	1839	rVV3	40325	89976	3.56%	0.279%
30	12.968	1841	1850	1869	rVB2	416087	1097616	43.46%	3.410%
31	13.633	1956	1963	1970	rBV	721735	1452207	57.50%	4.511%
32	13.692	1970	1973	1981	rVB2	190487	272048	10.77%	0.845%
33	13.833	1993	1997	2004	rBV	593674	580811	23.00%	1.804%
34	14.010	2024	2027	2032	rVB2	105667	117602	4.66%	0.365%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.192	2051	2058	2068	rBV	1078346	1738532	68.83%	5.400%
36	14.315	2075	2079	2087	rVB	139249	158240	6.27%	0.492%
37	14.486	2105	2108	2113	rVB2	41412	56420	2.23%	0.175%
38	14.539	2114	2117	2123	rVB2	21544	32418	1.28%	0.101%
39	14.604	2125	2128	2132	rVV	231899	232069	9.19%	0.721%
40	14.668	2132	2139	2147	rVB	1078643	1639732	64.92%	5.093%
41	14.915	2177	2181	2186	rBV	298312	329341	13.04%	1.023%
42	14.992	2187	2194	2199	rVV3	77469	170243	6.74%	0.529%
43	15.168	2217	2224	2231	rVV	676559	1118432	44.28%	3.474%
44	15.233	2231	2235	2238	rVV	433200	554258	21.94%	1.722%
45	15.268	2238	2241	2250	rVB	322629	398296	15.77%	1.237%
46	15.668	2303	2309	2314	rBV	227887	343413	13.60%	1.067%
47	15.745	2314	2322	2330	rVV	266269	583922	23.12%	1.814%
48	16.127	2381	2387	2402	rBV2	142169	336463	13.32%	1.045%
49	16.409	2428	2435	2446	rVB2	105094	261284	10.34%	0.812%
50	16.662	2473	2478	2485	rVB3	43078	82530	3.27%	0.256%
51	17.115	2551	2555	2561	rBV8	11844	29921	1.18%	0.093%
52	17.198	2562	2569	2576	rVB3	49545	134168	5.31%	0.417%

Sum of corrected areas: 32192795

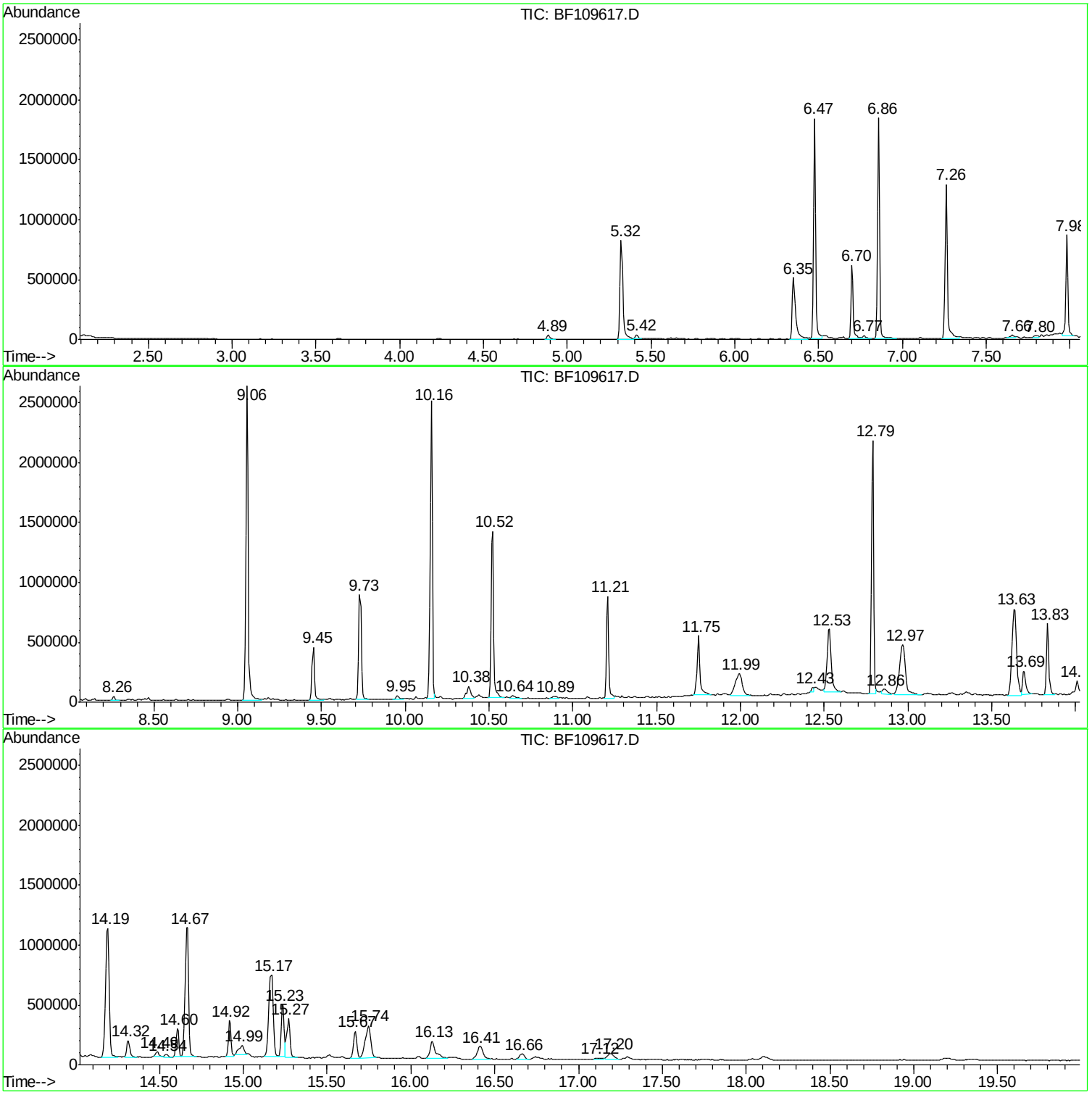
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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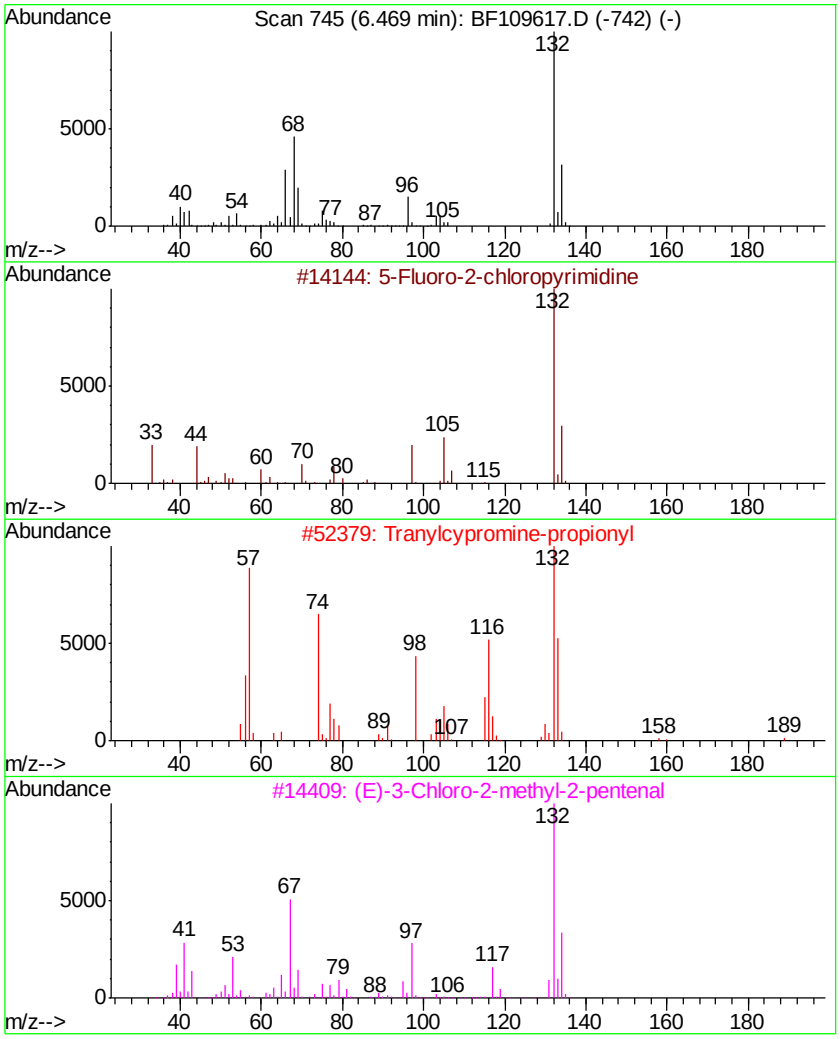
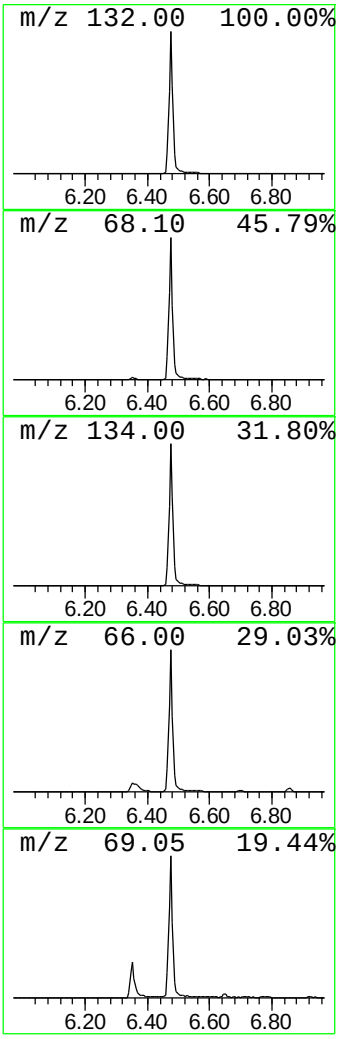
Peak Number 1 unknown6.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	58.38 ng	1668350	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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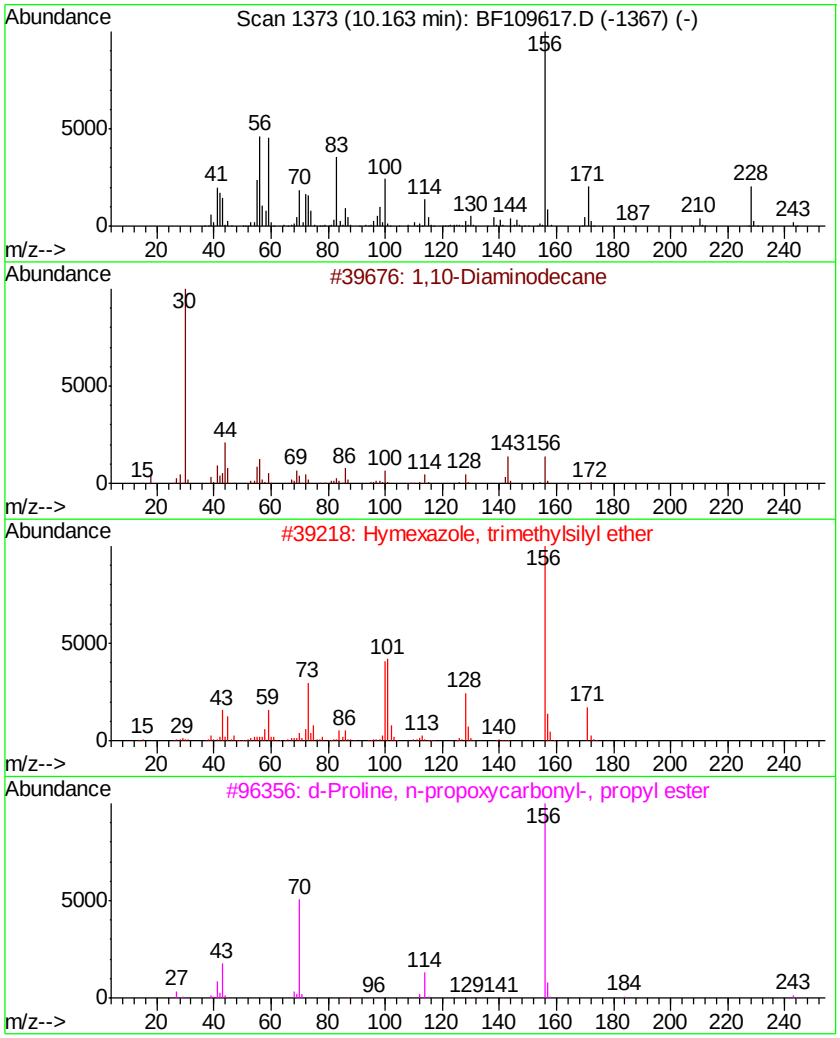
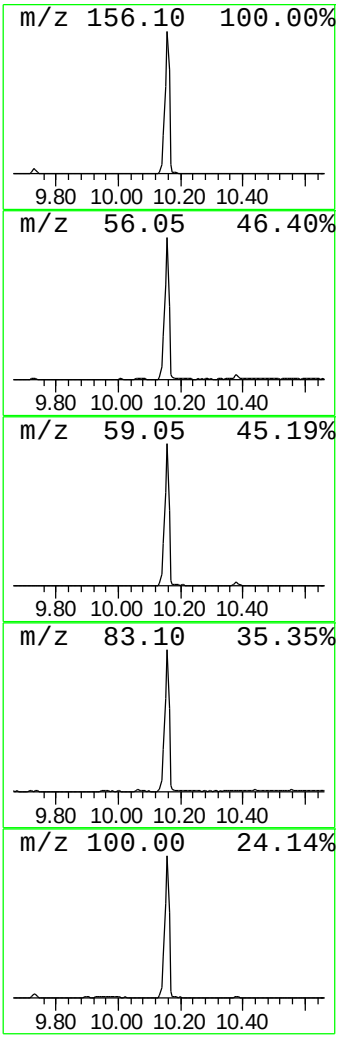
Peak Number 3 unknown10.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	58.72 ng	2386640	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,10-Diaminodecane	172	C10H24N2	000646-25-3	35
2	Hymexazole, trimethylsilyl ether	171	C7H13NO2Si	1000334-05-9	22
3	d-Proline, n-propoxycarbonyl-, p...	243	C12H21NO4	1000320-81-8	18
4	5-Octenoic acid, 6-methyl-	156	C9H16O2	103263-58-7	18
5	l-Proline, N-propoxycarbonyl-, p...	243	C12H21NO4	1000313-69-8	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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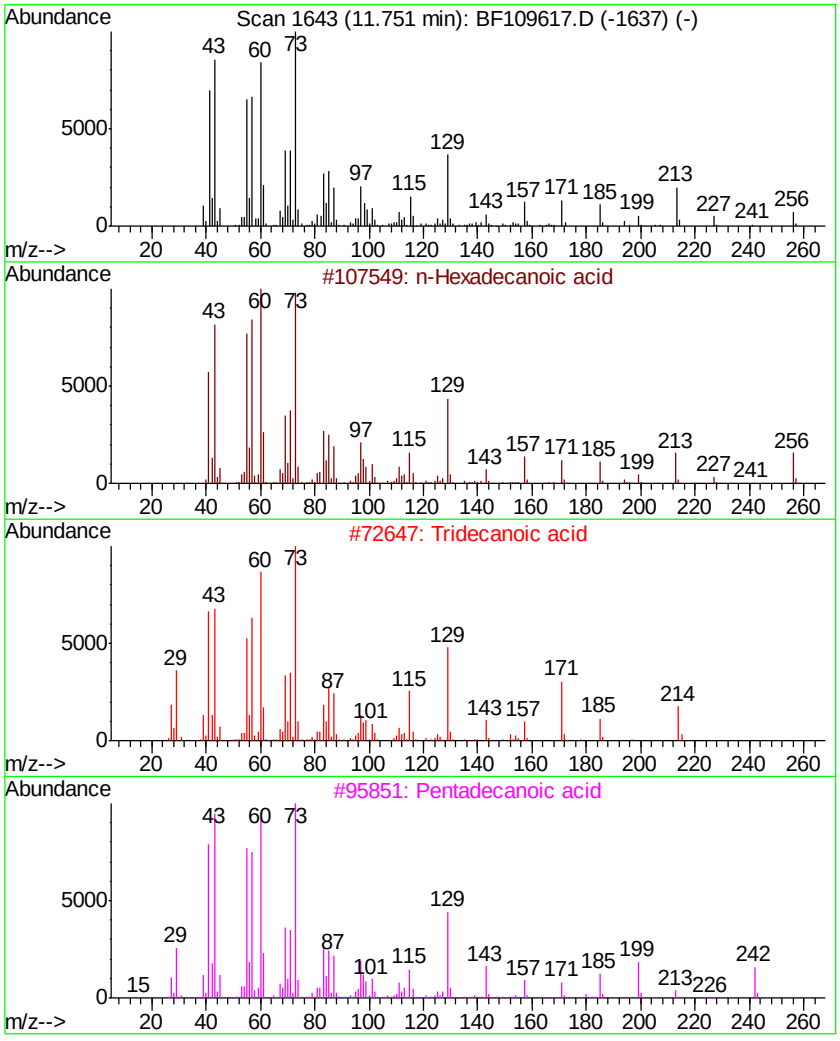
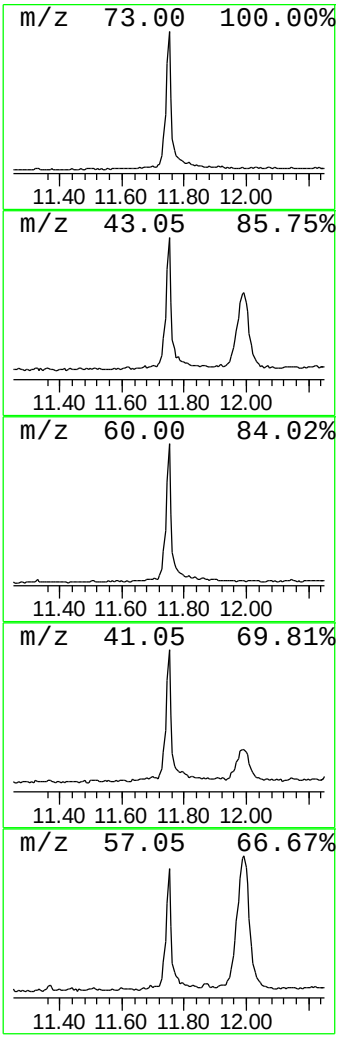
Peak Number 4 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	15.42 ng	628813	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Dodecanoic acid	200	C12H24O2	000143-07-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

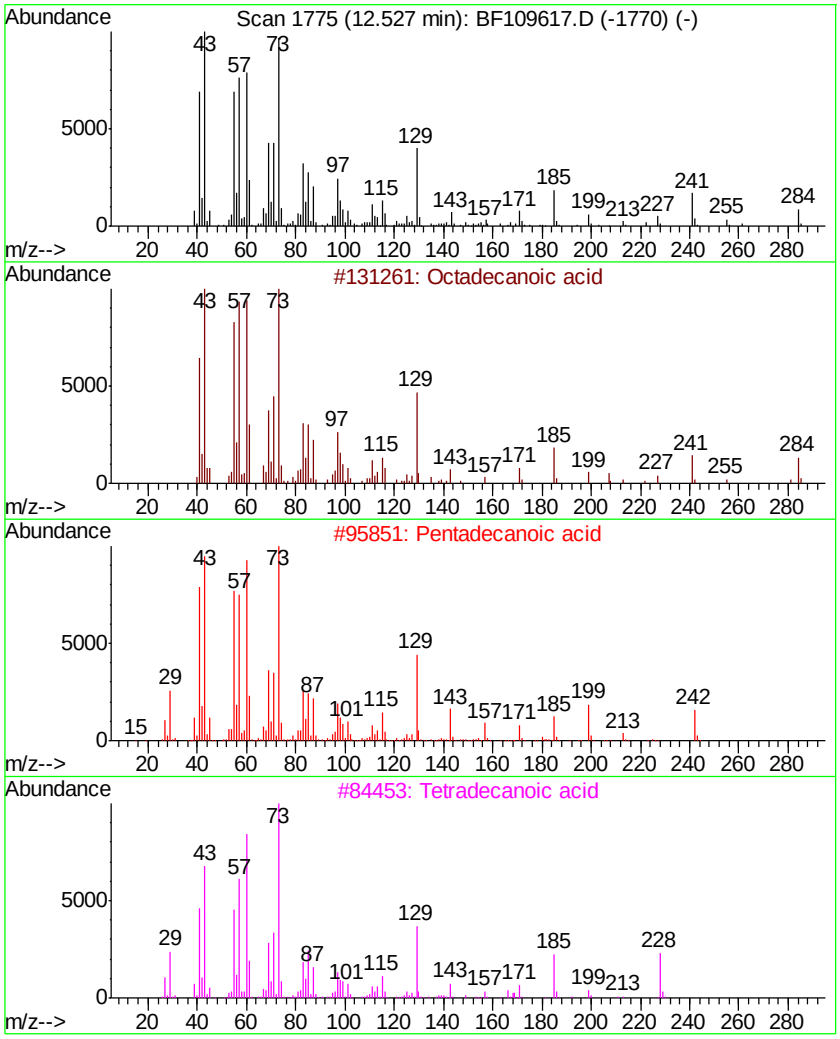
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

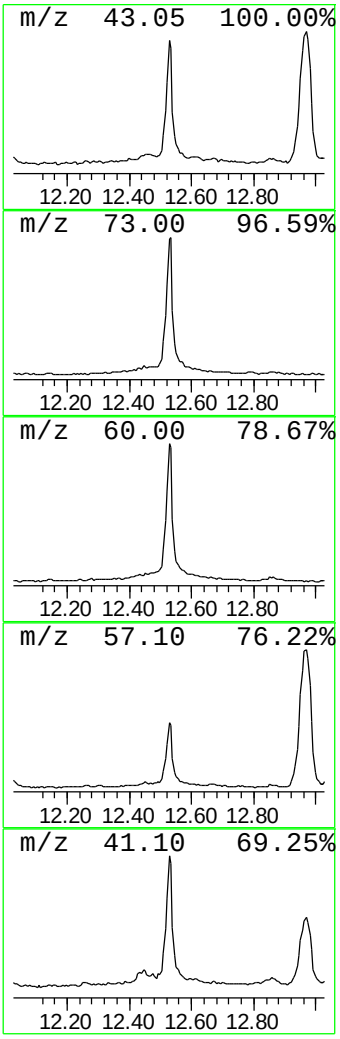
****

Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	27.70 ng	804292	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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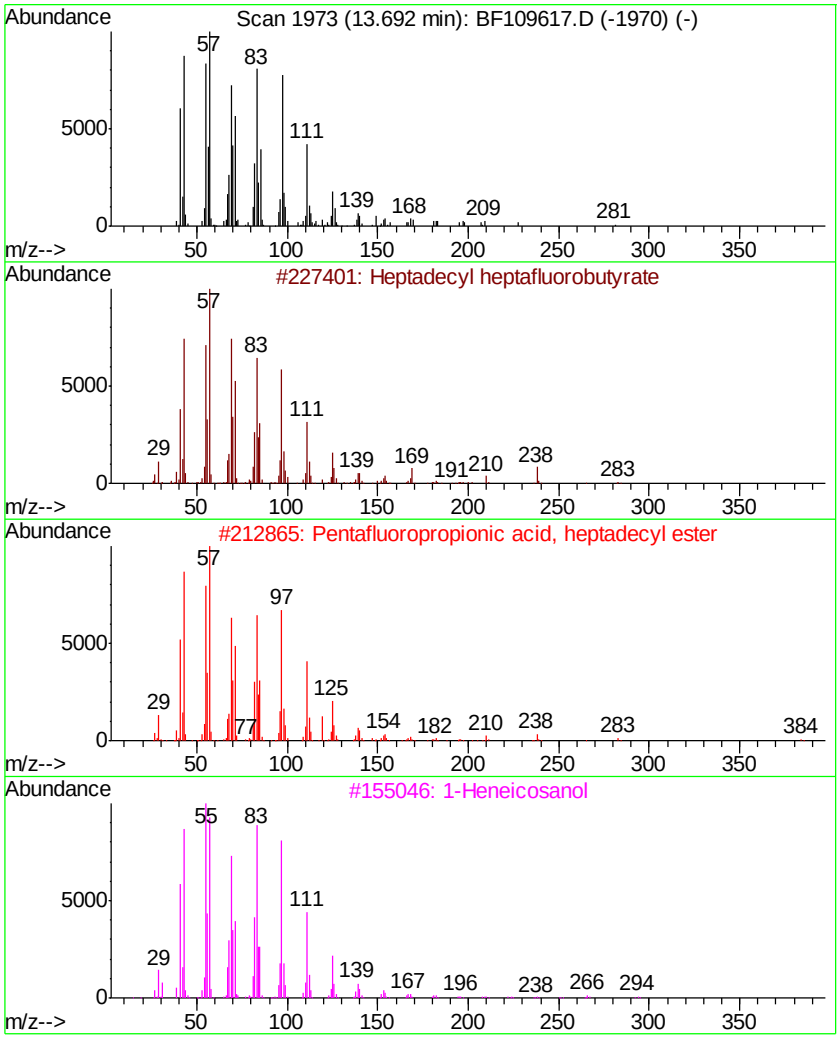
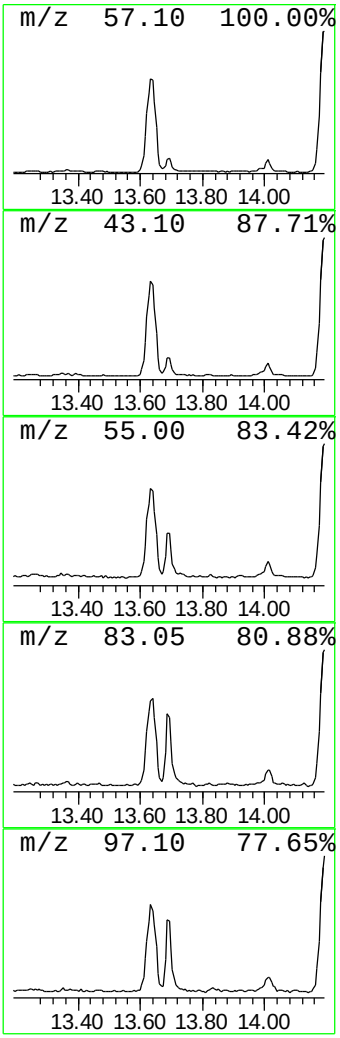
Peak Number 9 Heptadecyl heptafluorobutyrate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	9.37 ng	272048	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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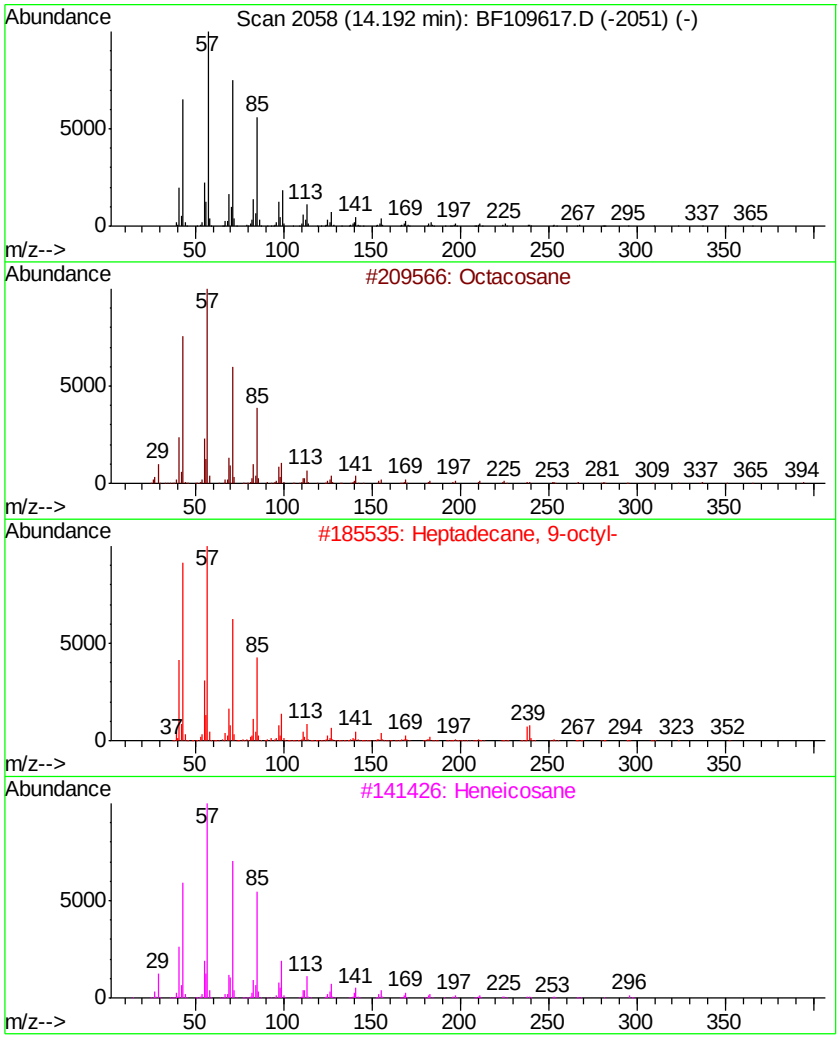
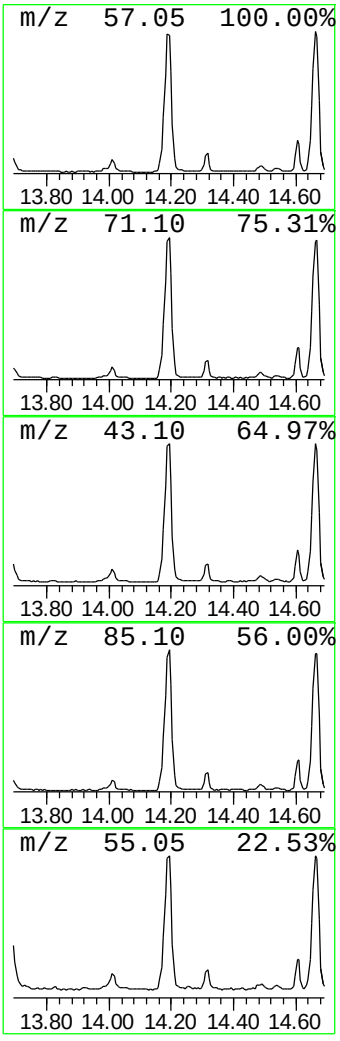
Peak Number 10 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	59.87 ng	1738530	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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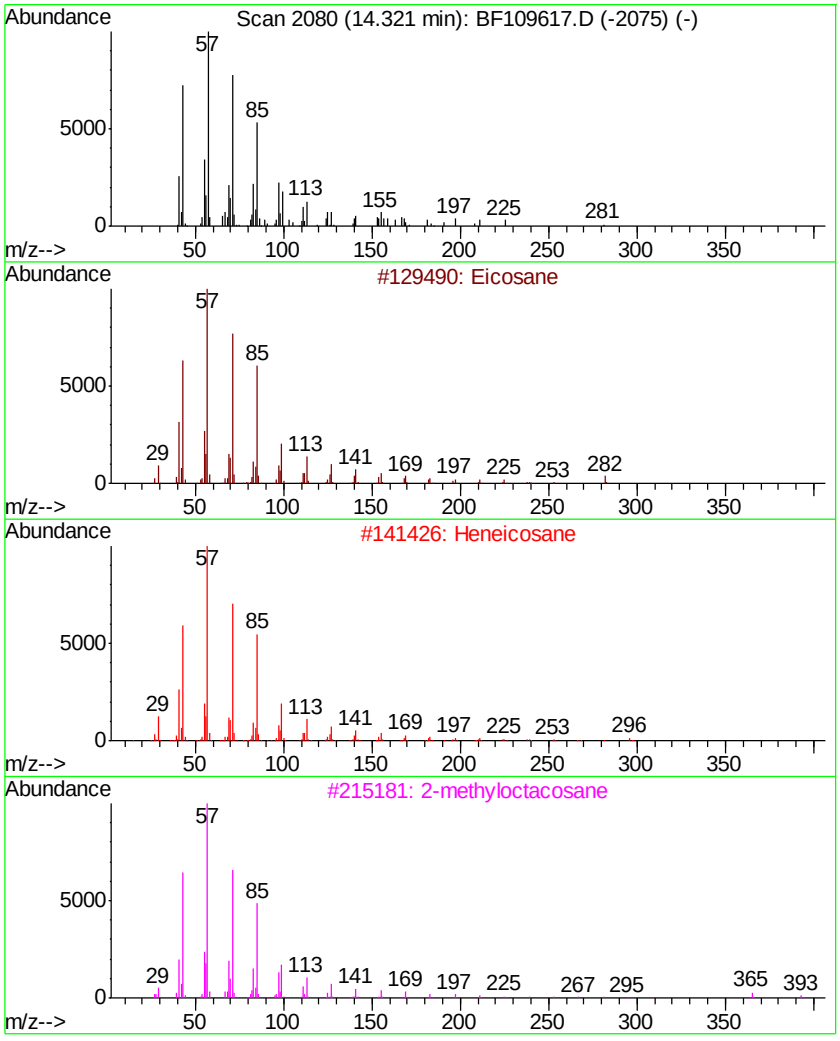
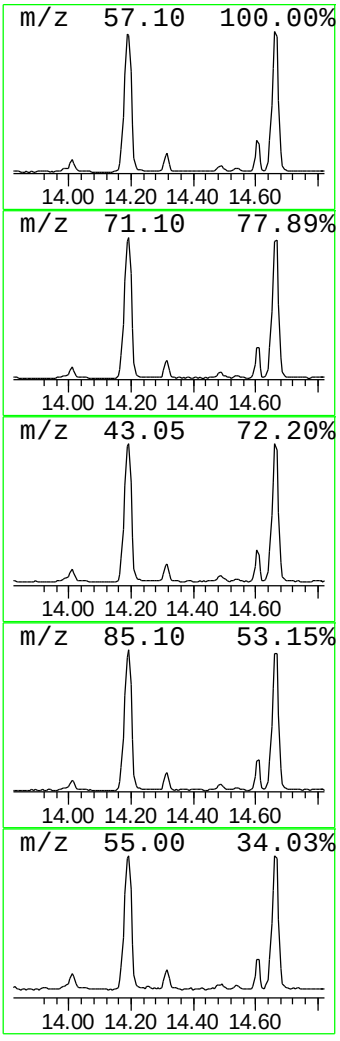
Peak Number 11 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	5.45 ng	158240	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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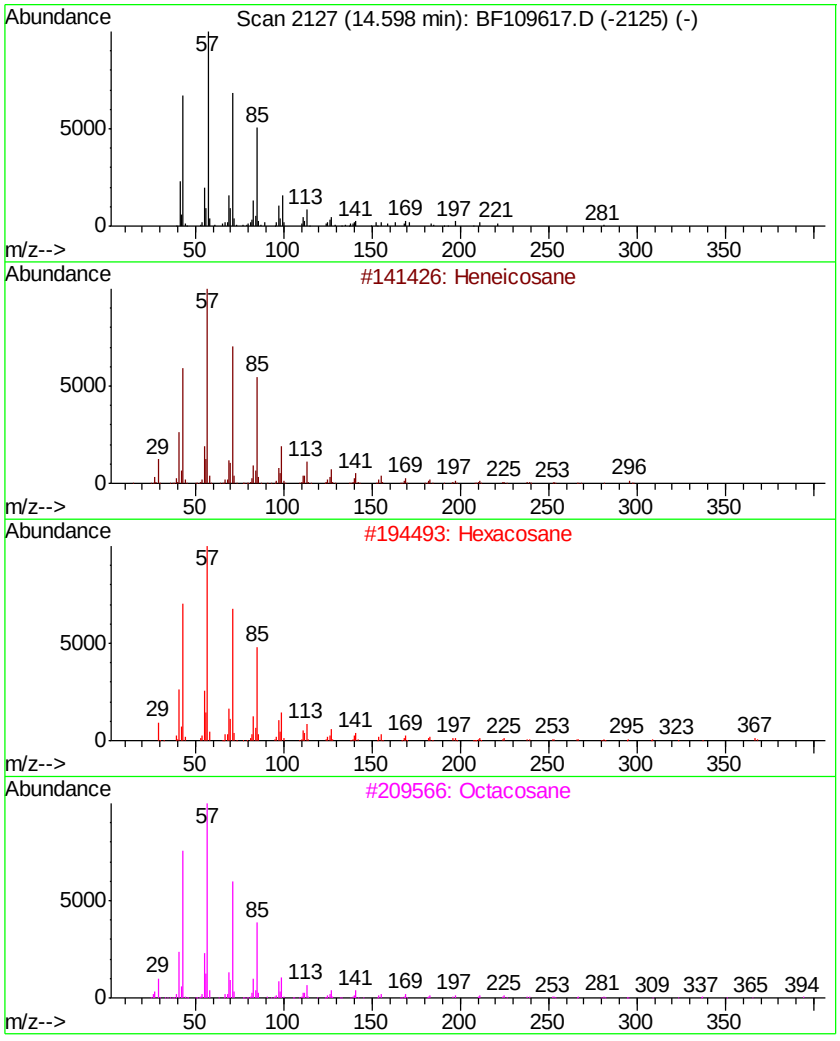
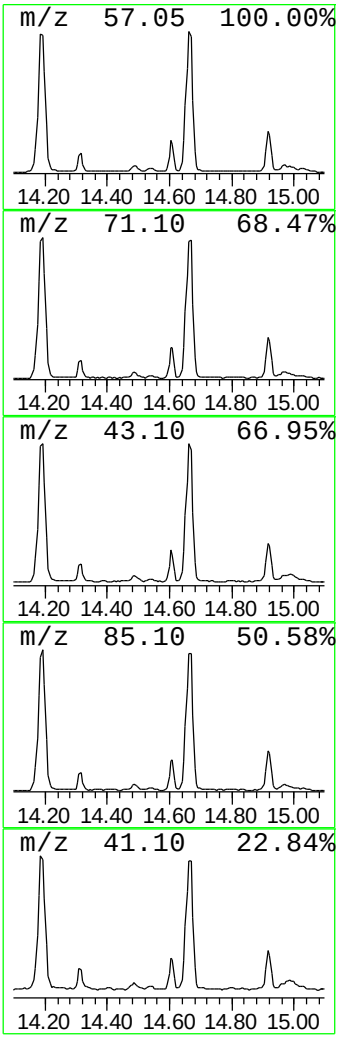
Peak Number 12 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	8.37 ng	232069	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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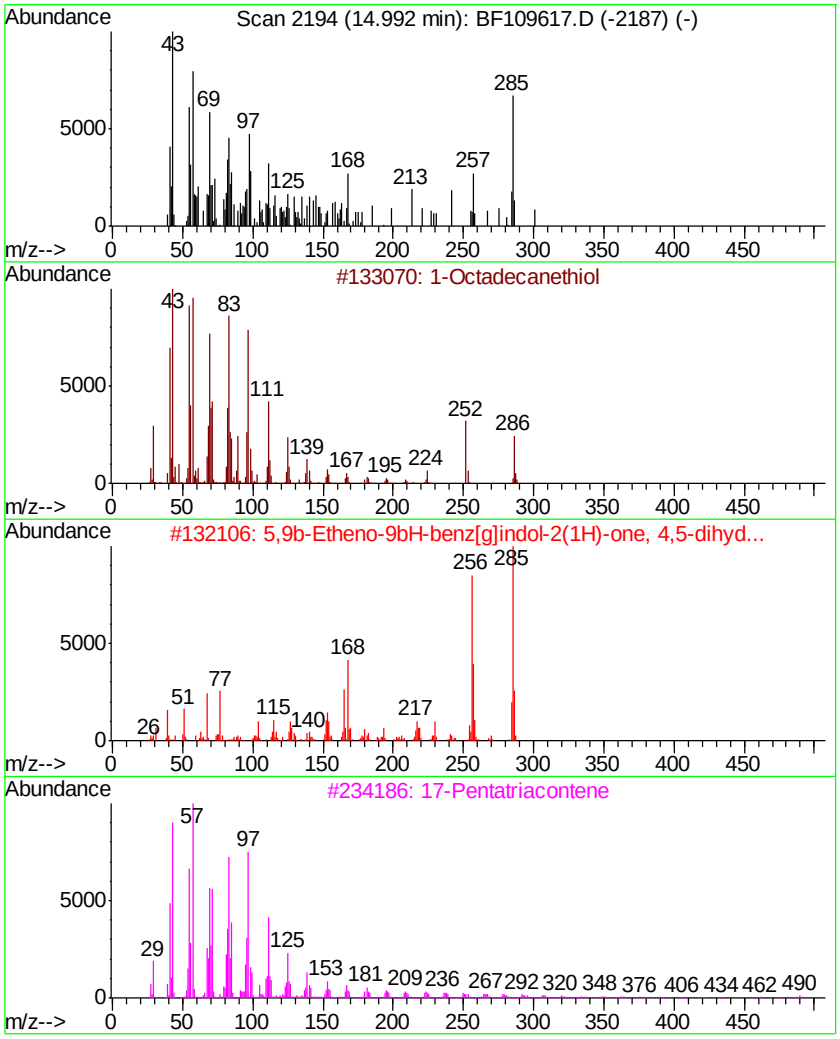
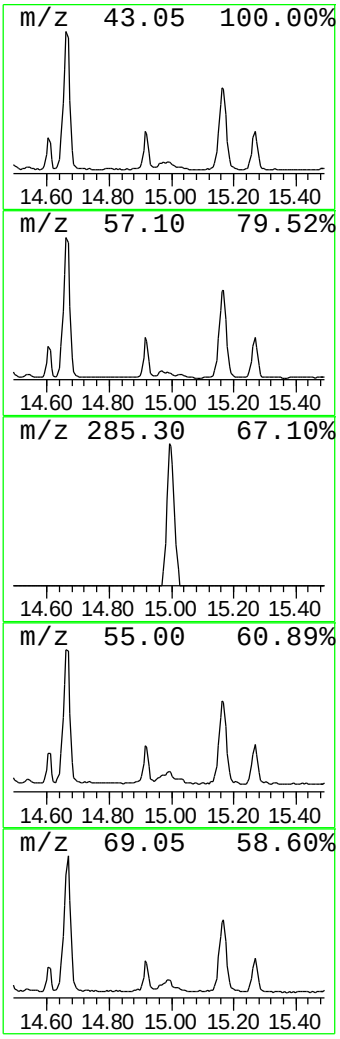
Peak Number 15 1-Octadecanethiol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.14 ng	170243	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanethiol	286	C18H38S	002885-00-9	59
2	5,9b-Etheno-9bH-benz[g]indol-2(1...	285	C20H15NO	104155-83-1	46
3	17-Pentatriacontene	491	C35H70	006971-40-0	42
4	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	38
5	Cyclododecane	168	C12H24	000294-62-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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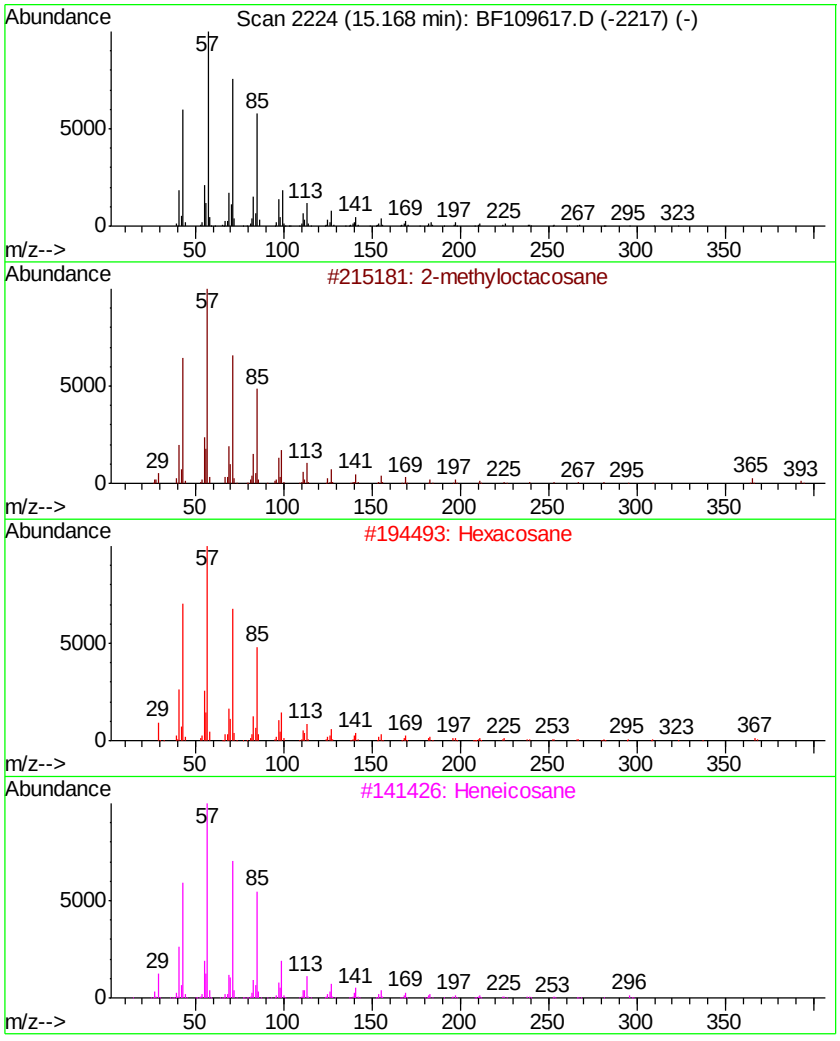
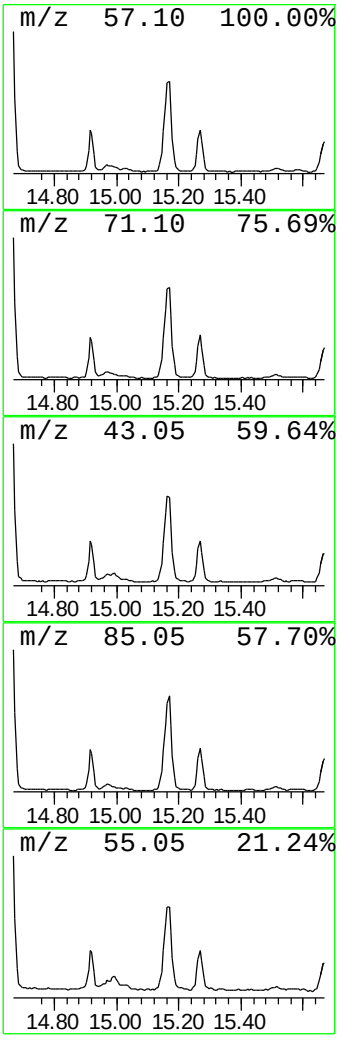
Peak Number 16 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	40.36 ng	1118430	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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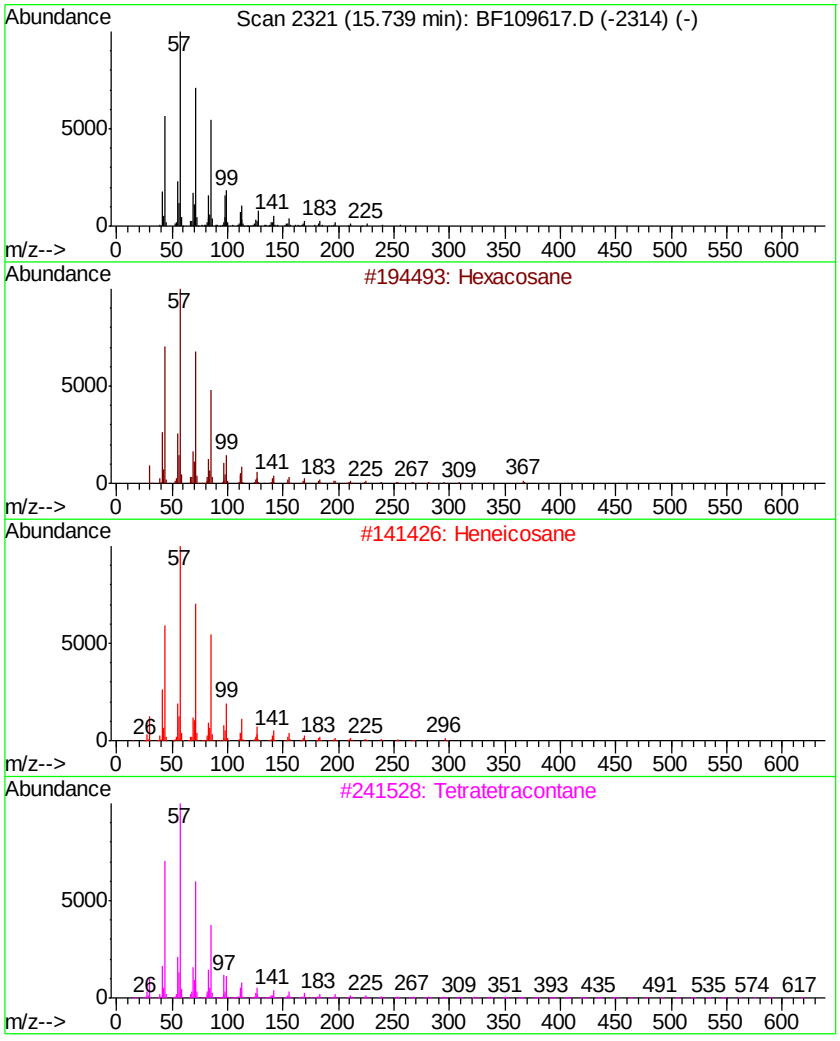
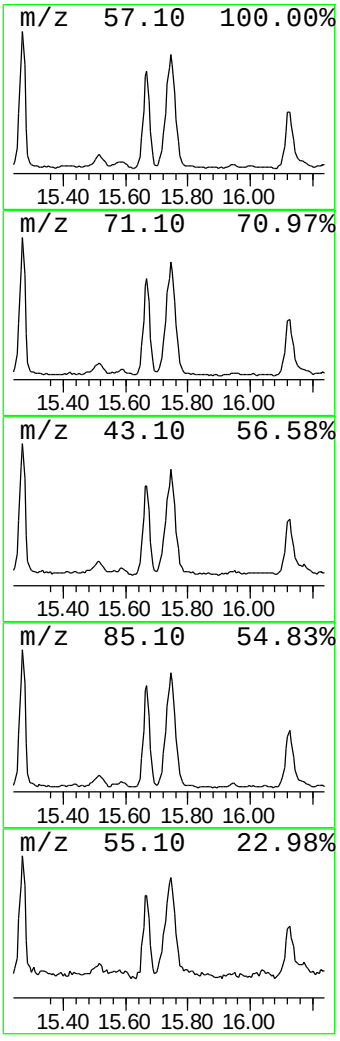
Peak Number 18 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	21.07 ng	583922	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane	240	C17H36	000629-78-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109617.D
Acq On : 5 Oct 2018 19:11
Operator : JU/SJ
Sample : J5244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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
unknown6.47	6.47	58.4	ng	1668350	1	6.70	571569	20.0
unknown10.16	10.16	58.7	ng	2386640	3	9.73	812874	20.0
n-Hexadecanoic acid	11.75	15.4	ng	628813	4	11.21	815451	20.0
Octadecanoic acid	12.53	27.7	ng	804292	5	13.83	580811	20.0
Heptadecyl heptaf...	13.69	9.4	ng	272048	5	13.83	580811	20.0
Octacosane	14.19	59.9	ng	1738530	5	13.83	580811	20.0
Eicosane	14.32	5.5	ng	158240	5	13.83	580811	20.0
Heneicosane	14.60	8.4	ng	232069	6	15.23	554258	20.0
1-Octadecanethiol	14.99	6.1	ng	170243	6	15.23	554258	20.0
2-methyloctacosane	15.17	40.4	ng	1118430	6	15.23	554258	20.0
Hexacosane	15.74	21.1	ng	583922	6	15.23	554258	20.0