

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109223.D
 Acq On : 22 Sep 2018 16:08
 Operator : JU/SJ
 Sample : J4993-06 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS-OILY-WATER

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	5.298	543	546	553	rVB	70240	59577	6.00%	0.732%
2	6.328	718	721	725	rBV	48050	38227	3.85%	0.470%
3	6.469	741	745	751	rBV	142010	125993	12.70%	1.548%
4	6.704	781	785	788	rBV	774200	630989	63.59%	7.754%
5	6.857	808	811	815	rBV	193111	144112	14.52%	1.771%
6	7.257	876	879	884	rBV	142616	111353	11.22%	1.368%
7	7.622	937	941	943	rBV	51704	43946	4.43%	0.540%
8	7.651	943	946	950	rVB	18460	21630	2.18%	0.266%
9	7.987	999	1003	1006	rBV	1060568	844802	85.14%	10.382%
10	9.057	1182	1185	1188	rBV	318590	236723	23.86%	2.909%
11	9.451	1250	1252	1255	rBV	27829	18560	1.87%	0.228%
12	9.733	1296	1300	1304	rBV	1196010	966796	97.43%	11.881%
13	10.151	1367	1371	1374	rBV	13963	13451	1.36%	0.165%
14	10.510	1430	1432	1438	rBV	121367	113285	11.42%	1.392%
15	10.651	1453	1456	1462	rVB3	15278	19604	1.98%	0.241%
16	11.086	1527	1530	1534	rBV2	9413	12847	1.29%	0.158%
17	11.210	1547	1551	1554	rBV	1232933	992263	100.00%	12.194%
18	11.751	1640	1643	1653	rBV	178413	229404	23.12%	2.819%
19	12.539	1773	1777	1786	rBV	302483	342561	34.52%	4.210%
20	12.786	1816	1819	1823	rVB	318428	255931	25.79%	3.145%
21	13.710	1973	1976	1982	rVB8	15996	25695	2.59%	0.316%
22	13.833	1993	1997	2001	rVB	1033683	903396	91.04%	11.102%
23	14.021	2026	2029	2032	rBV	21402	19762	1.99%	0.243%
24	14.321	2077	2080	2084	rVB	45438	41317	4.16%	0.508%
25	14.615	2127	2130	2134	rBV	103866	102494	10.33%	1.260%
26	14.686	2139	2142	2147	rVB	21212	21674	2.18%	0.266%
27	14.933	2179	2184	2190	rVB	186847	207231	20.88%	2.547%
28	15.168	2219	2224	2229	rBV6	10028	14820	1.49%	0.182%
29	15.233	2230	2235	2239	rVV	544917	640512	64.55%	7.871%
30	15.286	2239	2244	2251	rVB	245973	319600	32.21%	3.928%
31	15.686	2306	2312	2320	rBV	200062	309996	31.24%	3.810%
32	15.992	2362	2364	2373	rVB7	11151	19578	1.97%	0.241%
33	16.145	2384	2390	2399	rBV	103977	186362	18.78%	2.290%
34	16.686	2475	2482	2491	rBV2	31703	71738	7.23%	0.882%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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35	17.327	2582	2591	2597	rvB9	10654	30972	3.12%	0.381%
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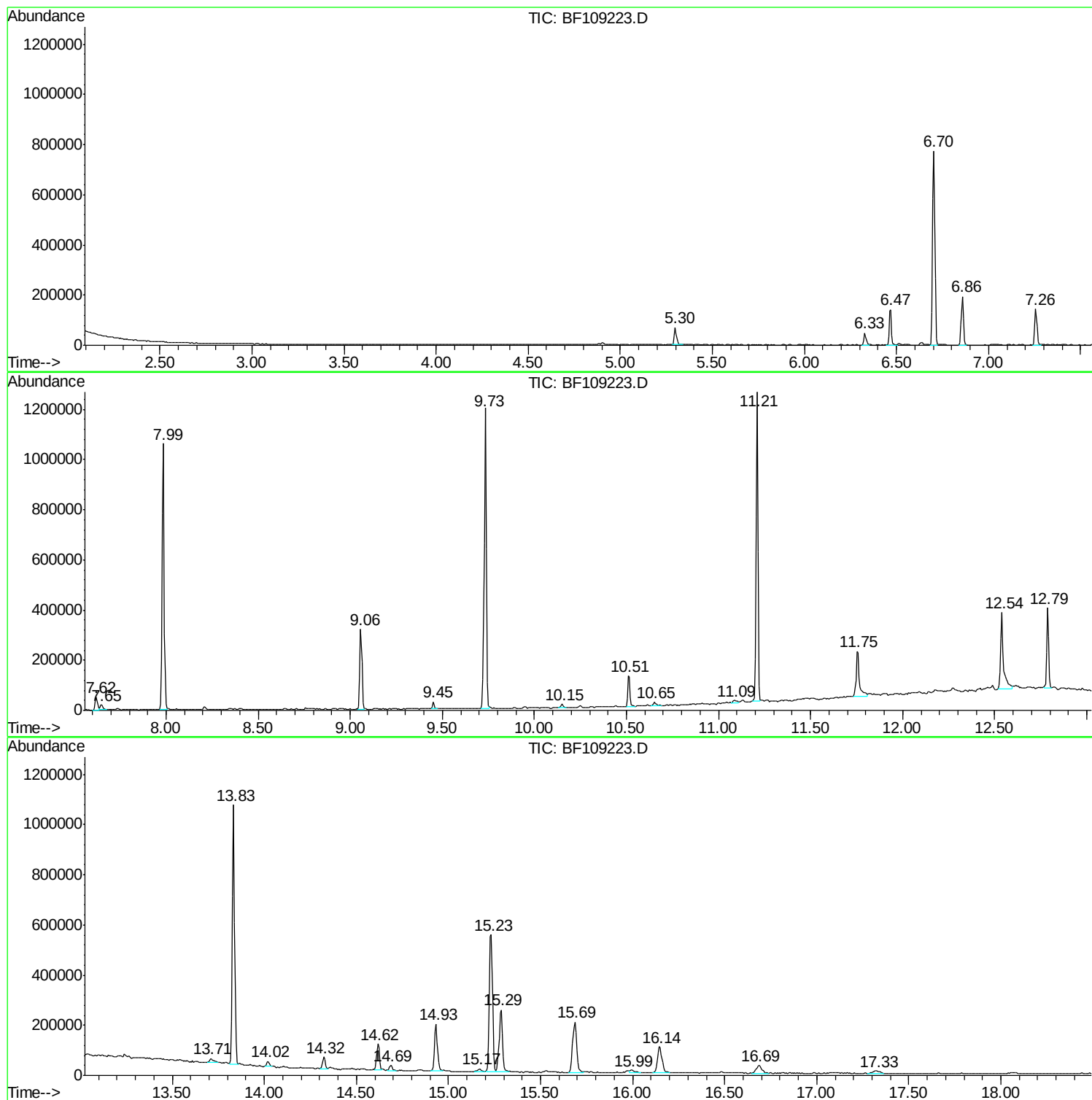
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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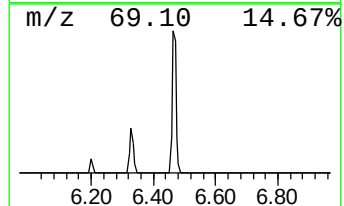
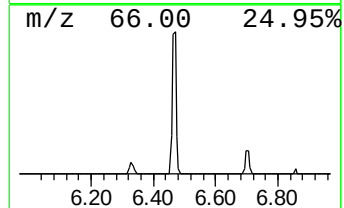
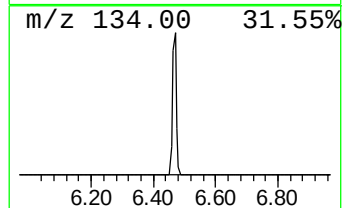
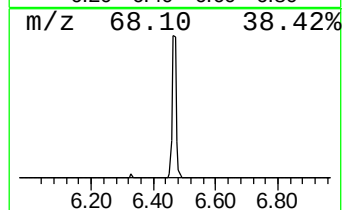
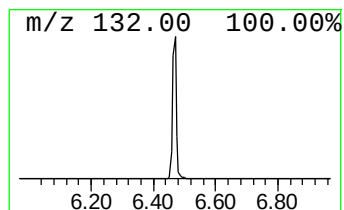
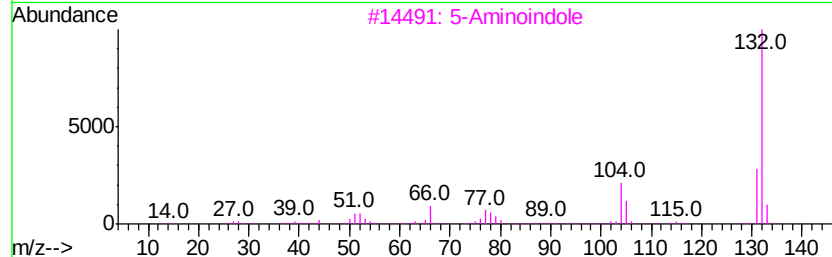
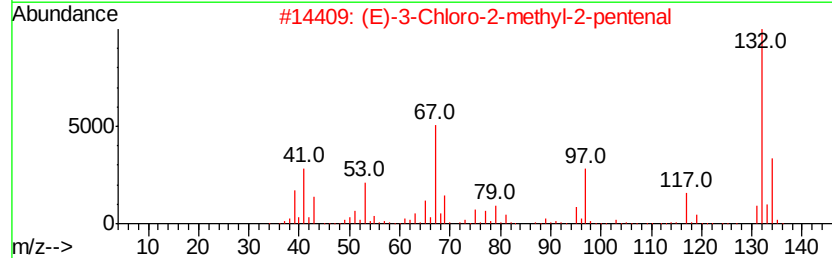
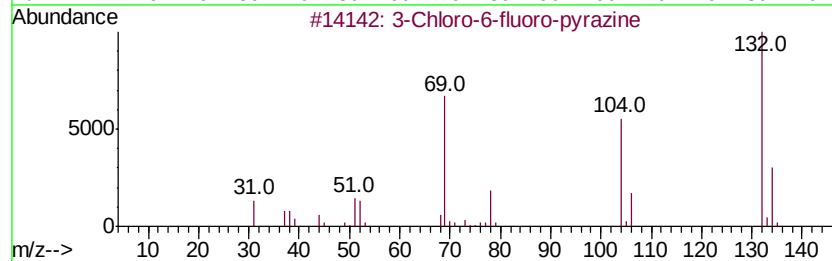
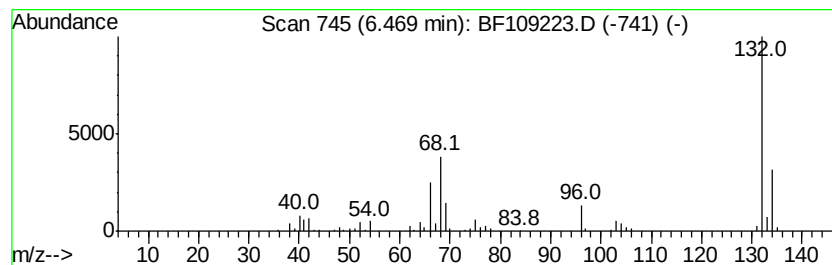
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.47 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	3.99 ng	125993	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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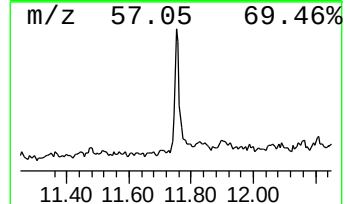
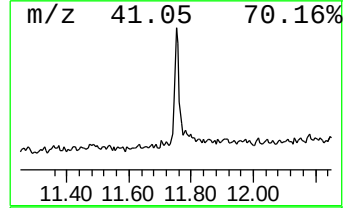
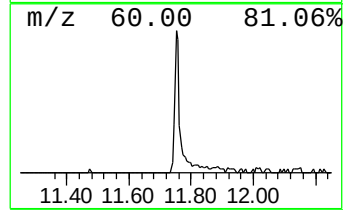
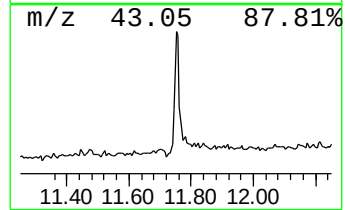
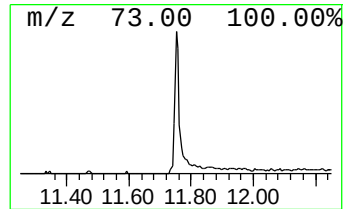
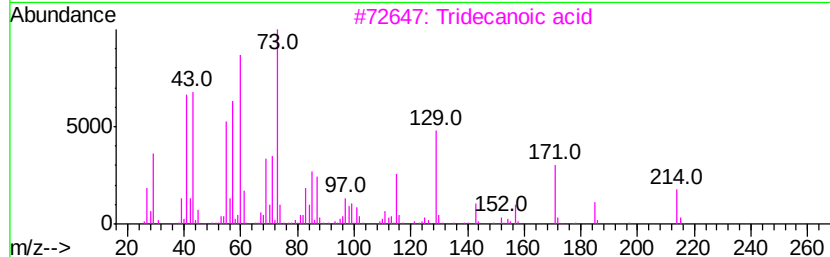
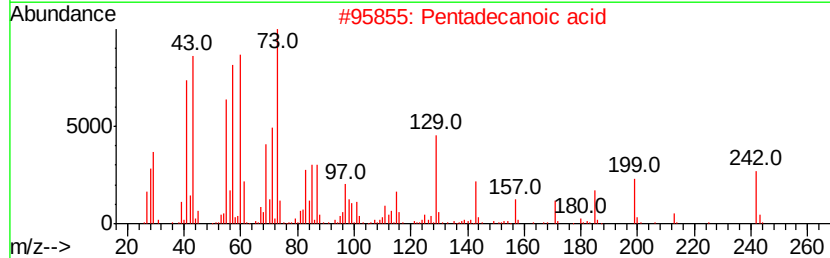
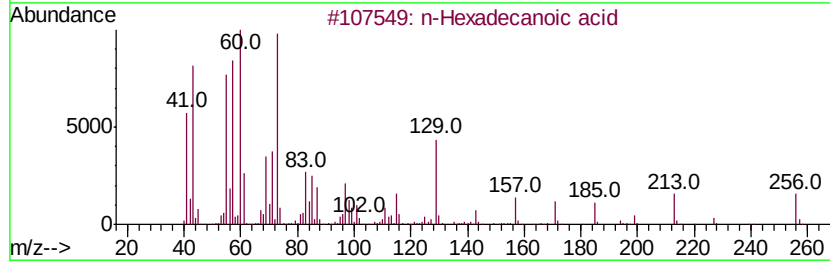
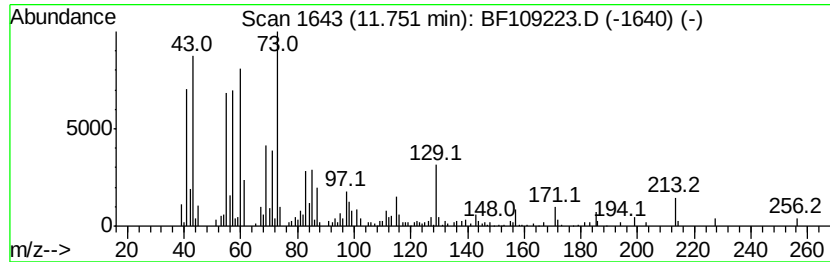
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	4.62 ng	229404	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46



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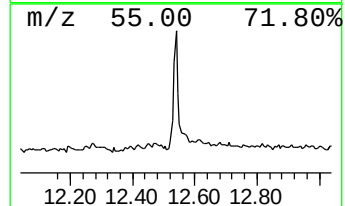
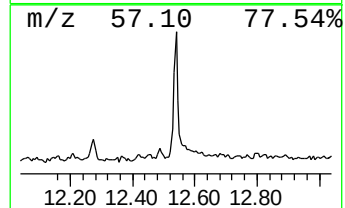
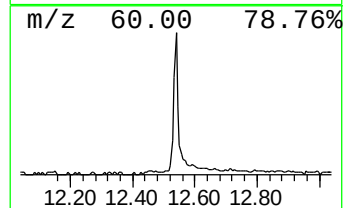
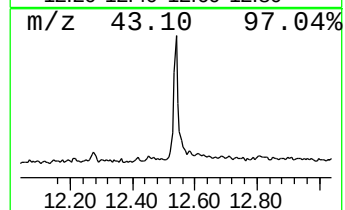
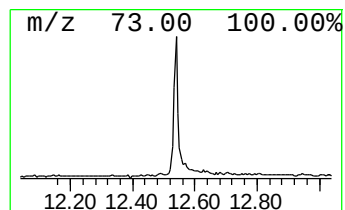
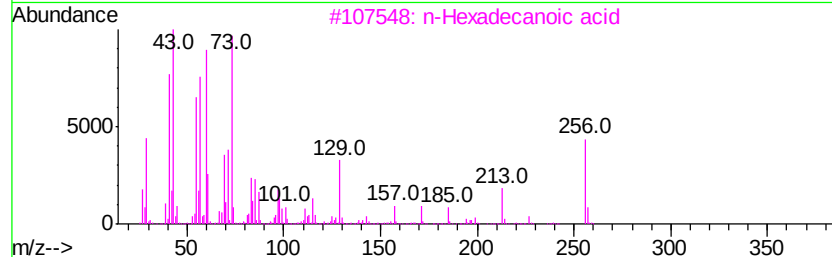
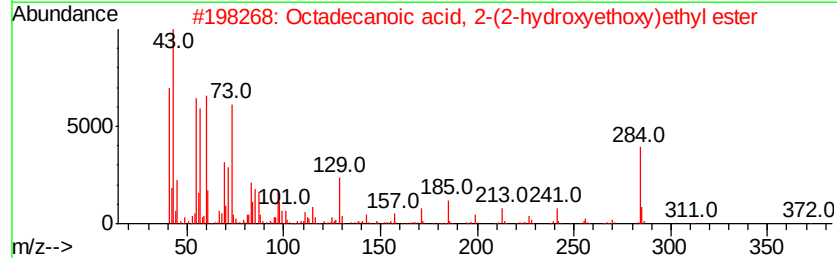
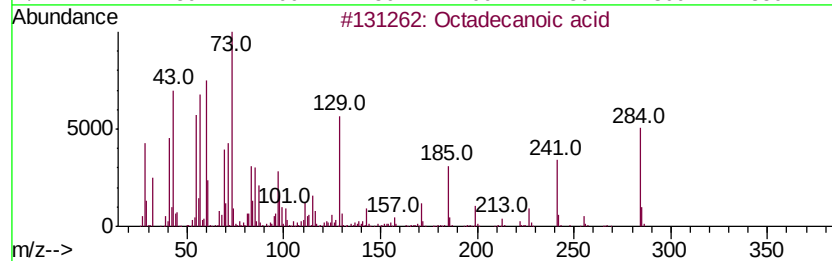
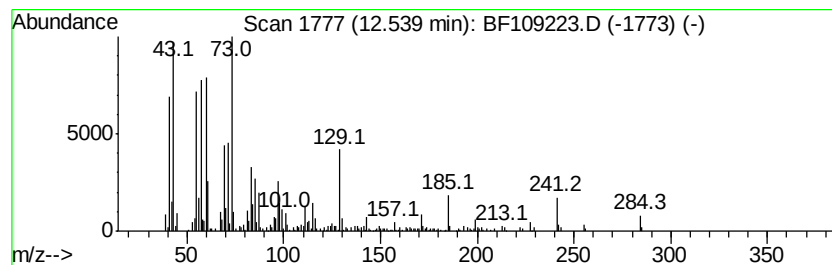
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	7.58 ng	342561	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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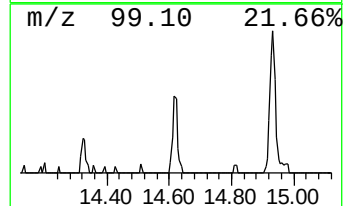
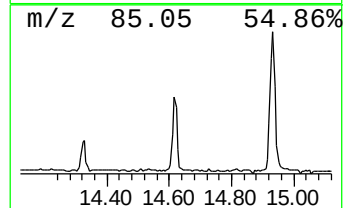
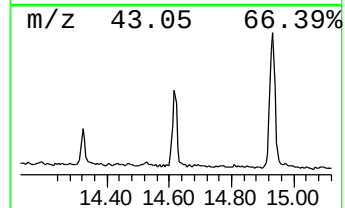
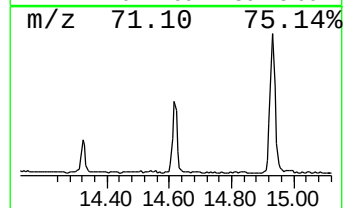
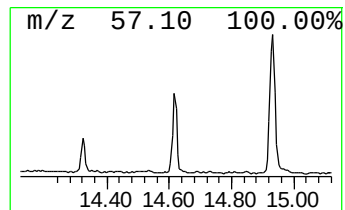
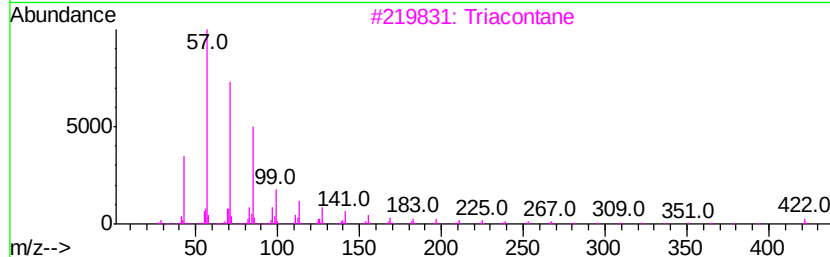
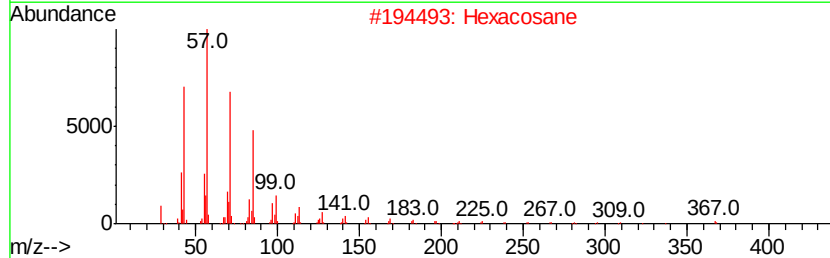
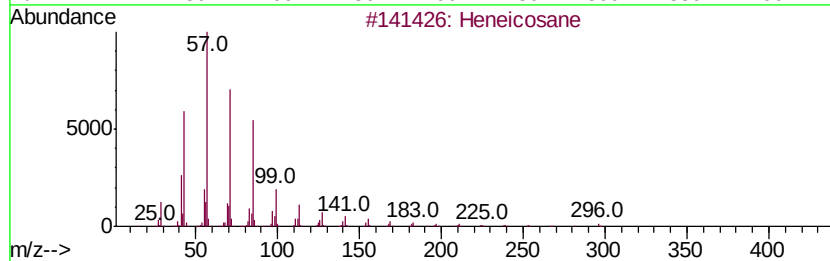
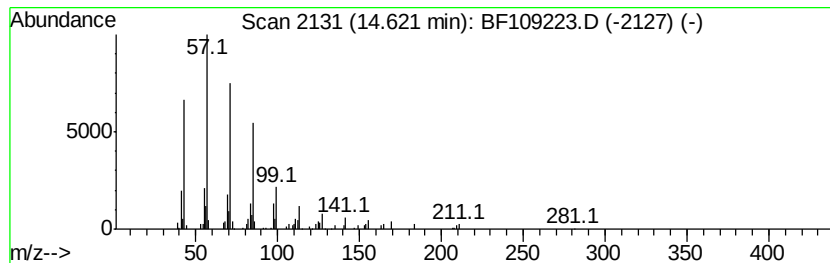
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	3.20 ng	102494	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	Triacotane		422	C30H62	000638-68-6	91
4	Tetracosane		338	C24H50	000646-31-1	87
5	Hexadecane		226	C16H34	000544-76-3	86



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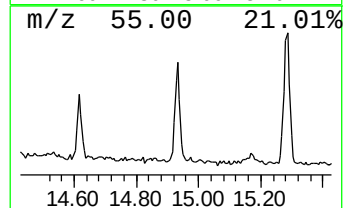
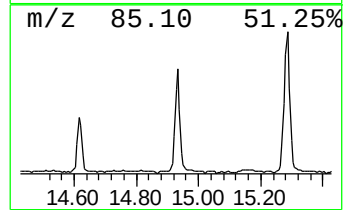
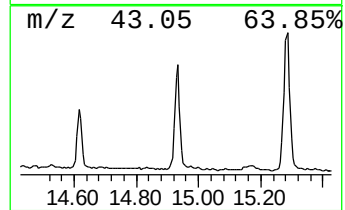
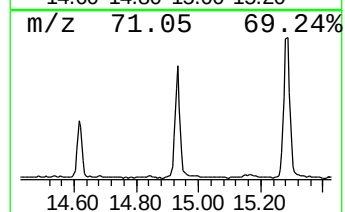
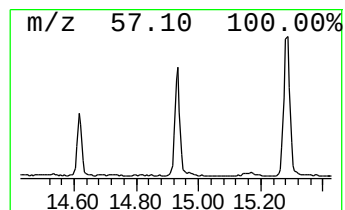
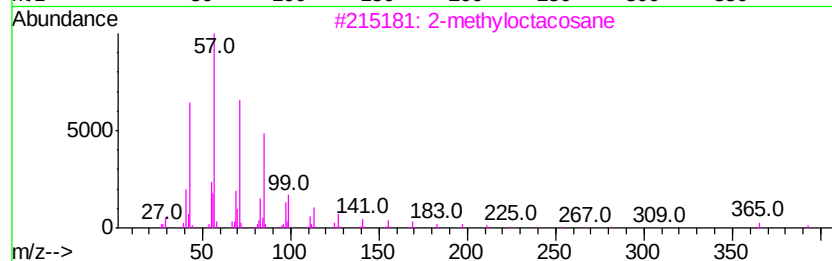
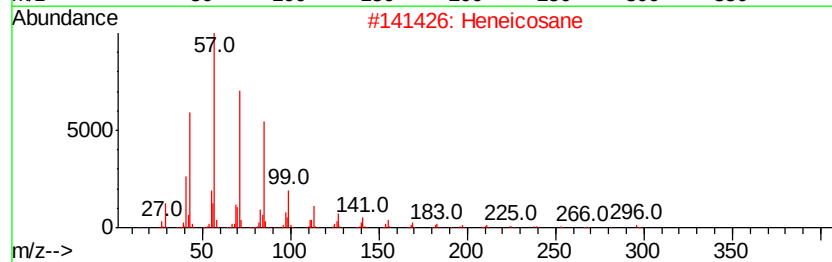
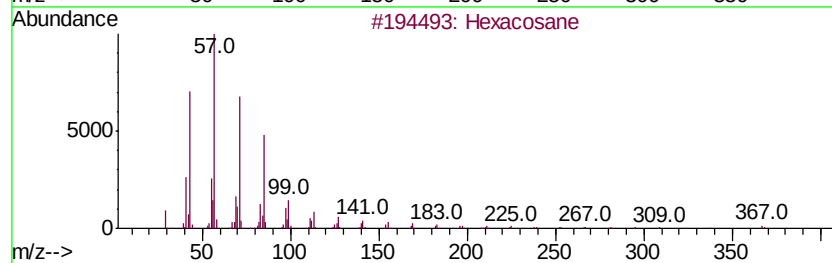
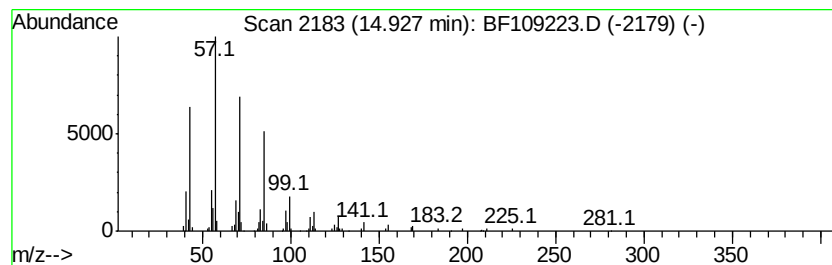
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	6.47 ng	207231	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	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Heptacosane		380	C27H56	000593-49-7	90
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90



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Misc :
ALS Vial : 8 Sample Multiplier: 1

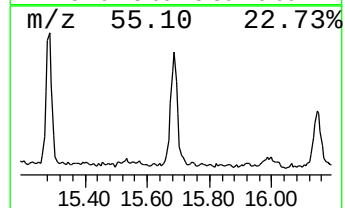
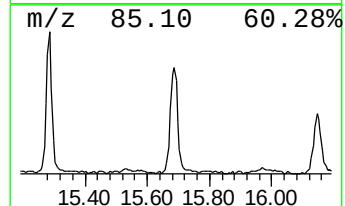
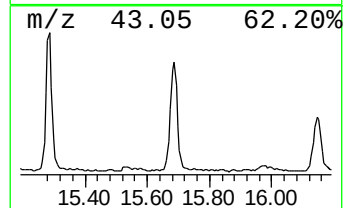
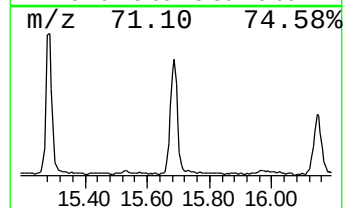
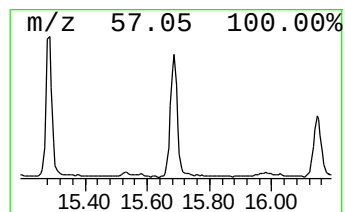
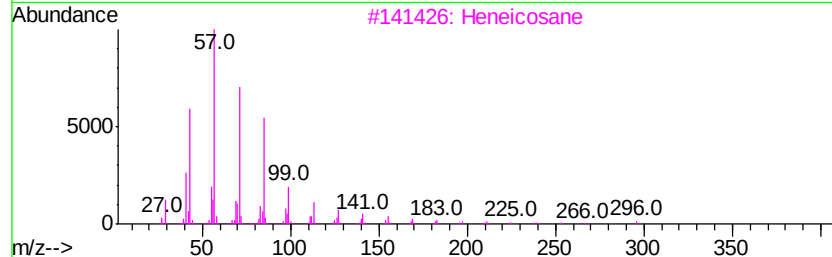
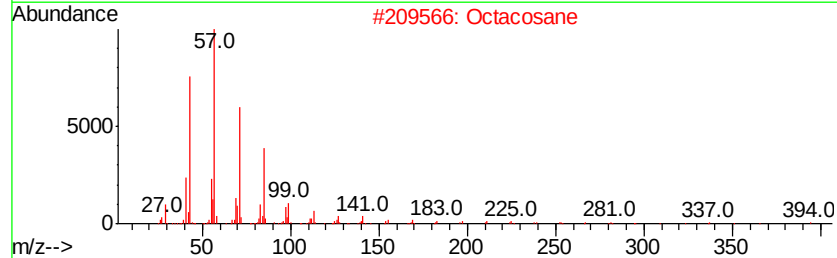
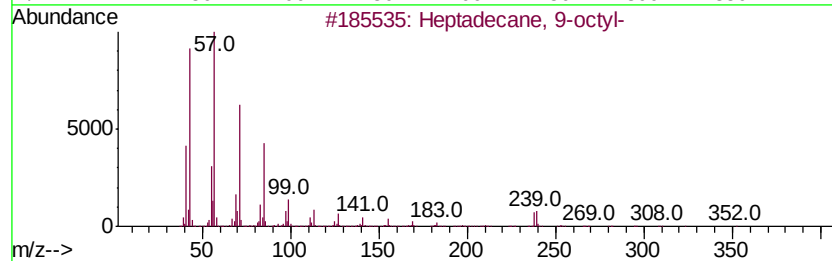
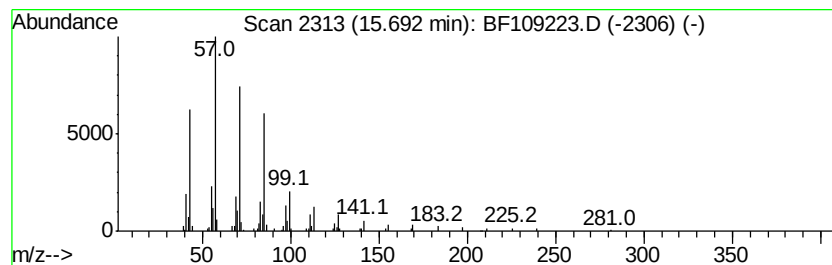
Instrument :
BNA_F
ClientSampleId :
NS-OILY-WATER

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 8 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	9.68 ng	309996	Perylene-d12	15.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 91
2		Octacosane	394 C28H58	000630-02-4 91
3		Heneicosane	296 C21H44	000629-94-7 91
4		2-methyloctacosane	408 C29H60	1000376-72-8 91
5		Hexacosane	366 C26H54	000630-01-3 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109223.D
Acq On : 22 Sep 2018 16:08
Operator : JU/SJ
Sample : J4993-06 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS-OILY-WATER

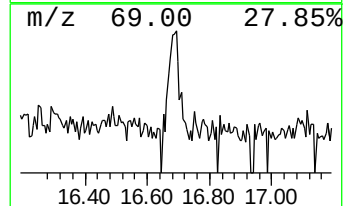
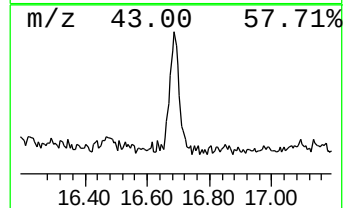
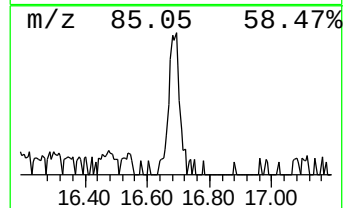
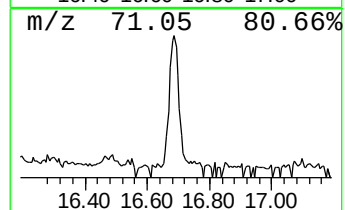
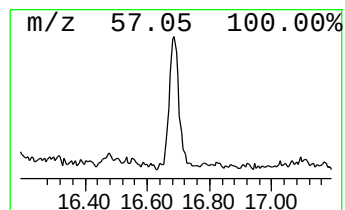
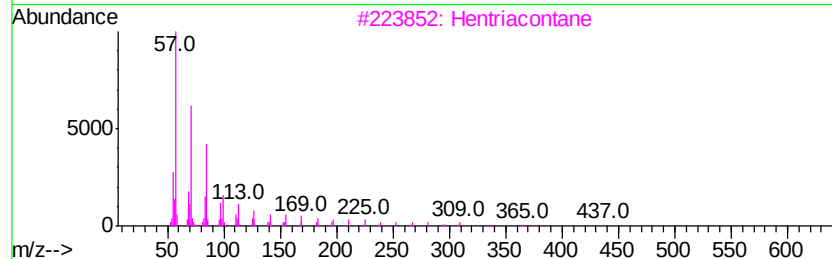
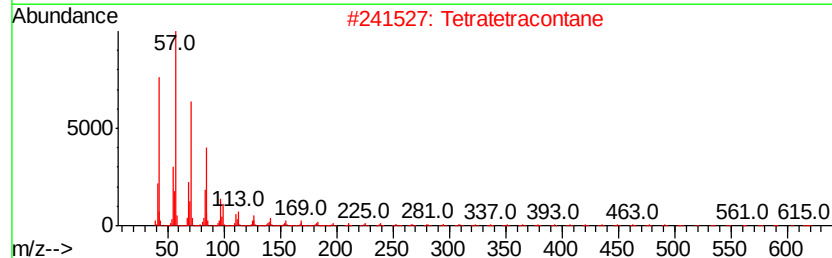
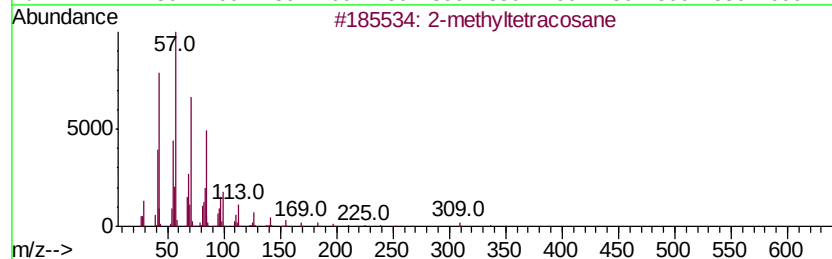
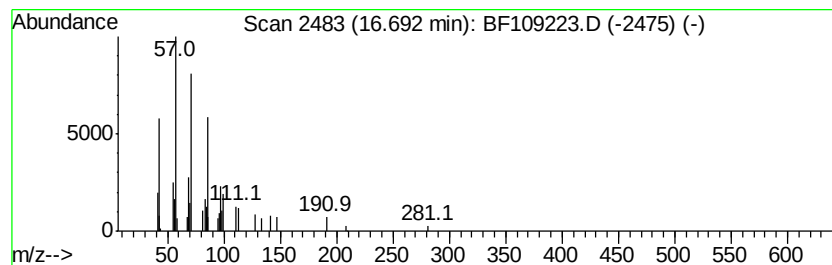
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyltetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	2.24 ng	71738	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyltetracosane	352	C25H52	1000376-72-6	91
2			Tetratetracontane	619	C44H90	007098-22-8	86
3			Hentriacontane	437	C31H64	000630-04-6	83
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
5			2-methyloctacosane	408	C29H60	1000376-72-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092218\
Data File : BF109223.D
Acq On : 22 Sep 2018 16:08
Operator : JU/SJ
Sample : J4993-06 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS-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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.47	6.47	4.0	ng	125993	1	6.70	630989	20.0
n-Hexadecanoic acid	11.75	4.6	ng	229404	4	11.21	992263	20.0
Octadecanoic acid	12.54	7.6	ng	342561	5	13.83	903396	20.0
Heneicosane	14.62	3.2	ng	102494	6	15.23	640512	20.0
Hexacosane	14.93	6.5	ng	207231	6	15.23	640512	20.0
Heptadecane, 9-oc...	15.69	9.7	ng	309996	6	15.23	640512	20.0
2-methyltetracosane	16.69	2.2	ng	71738	6	15.23	640512	20.0