

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052919\
 Data File : BF114647.D
 Acq On : 30 May 2019 1:23
 Operator : HP/JU
 Sample : K3065-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-12-COMP

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-BF052919.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	540	546	549	rBV	7087735	7687003	80.02%	9.260%
2	6.328	714	721	724	rBV2	7020655	8259959	85.98%	9.950%
3	6.463	738	744	747	rBV	7890913	8076496	84.07%	9.729%
4	6.692	779	783	786	rBV	2557647	2006922	20.89%	2.418%
5	6.851	805	810	812	rBV	6898387	6073410	63.22%	7.316%
6	6.875	812	814	818	rVB	257188	184300	1.92%	0.222%
7	7.251	873	878	881	rBV	5077933	4785205	49.81%	5.764%
8	7.969	996	1000	1004	rBV	2890087	2603410	27.10%	3.136%
9	9.051	1178	1184	1187	rBV	8831246	8605876	89.58%	10.367%
10	9.439	1246	1250	1253	rBV	544447	441891	4.60%	0.532%
11	9.616	1276	1280	1287	rVB	172256	242839	2.53%	0.293%
12	9.716	1293	1297	1301	rBV	3401422	3069684	31.95%	3.698%
13	10.498	1425	1430	1434	rBV	5616097	6189675	64.43%	7.456%
14	11.192	1543	1548	1551	rVB	3975825	3334097	34.71%	4.016%
15	11.733	1635	1640	1652	rBV	886232	1223252	12.73%	1.474%
16	12.516	1769	1773	1784	rBV	312567	467732	4.87%	0.563%
17	12.780	1812	1818	1821	rBV	9061462	9606433	100.00%	11.572%
18	13.680	1967	1971	1979	rBV	1859689	1687002	17.56%	2.032%
19	13.810	1989	1993	1997	rBV	3449172	3236267	33.69%	3.898%
20	14.010	2023	2027	2036	rVB	120925	137522	1.43%	0.166%
21	14.310	2075	2078	2084	rBV	262597	300753	3.13%	0.362%
22	14.610	2125	2129	2136	rVB	254912	294339	3.06%	0.355%
23	14.674	2137	2140	2145	rVB	164122	154206	1.61%	0.186%
24	14.915	2177	2181	2190	rBV	260756	343807	3.58%	0.414%
25	15.198	2224	2229	2236	rVB	2589554	2792190	29.07%	3.363%
26	15.268	2236	2241	2248	rBV	227522	284693	2.96%	0.343%
27	15.662	2303	2308	2311	rBV	176452	257963	2.69%	0.311%
28	15.704	2311	2315	2323	rVB	212982	376114	3.92%	0.453%
29	16.121	2382	2386	2397	rVB2	97916	182015	1.89%	0.219%
30	16.733	2485	2490	2495	rBV3	52463	110871	1.15%	0.134%

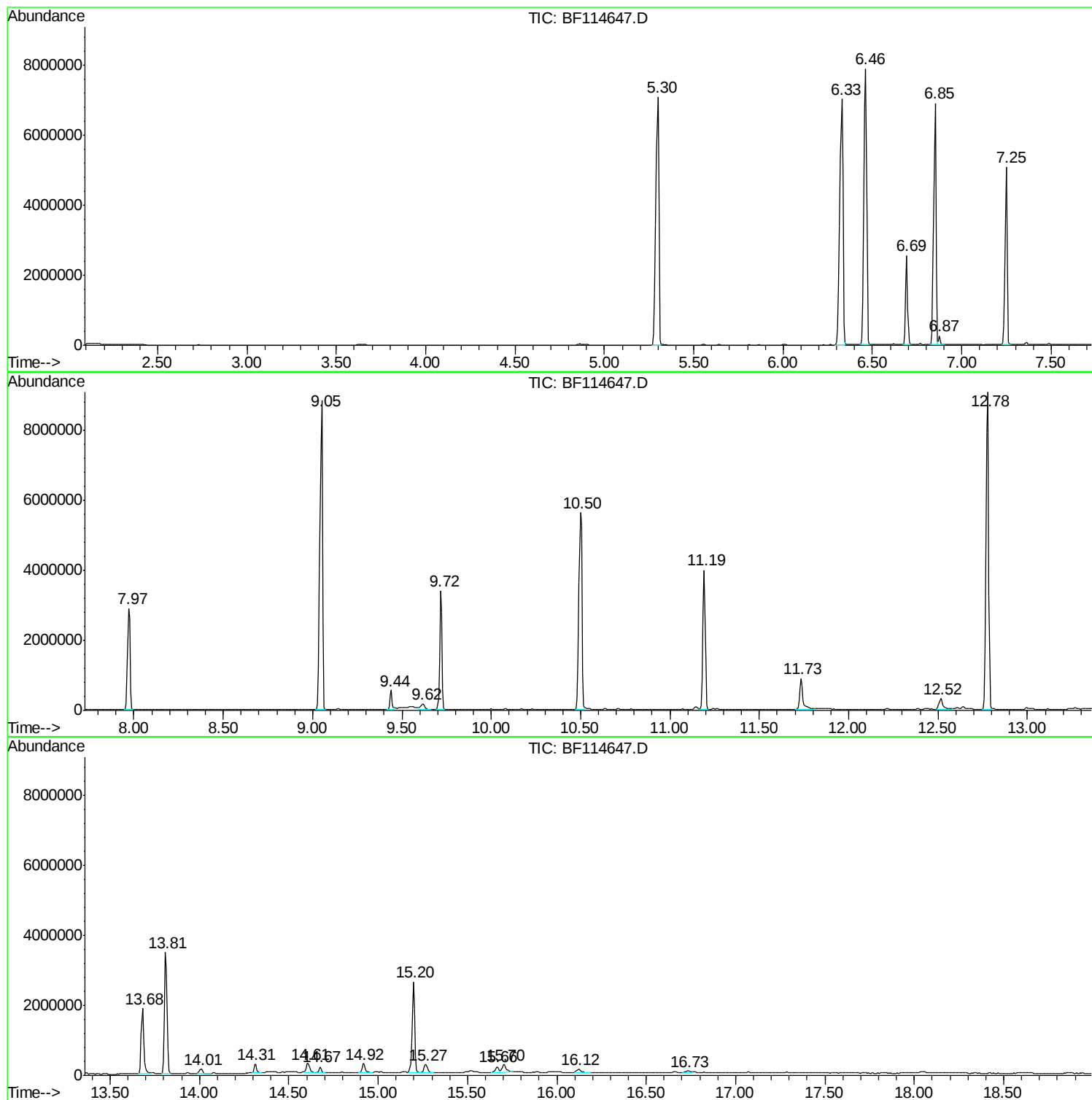
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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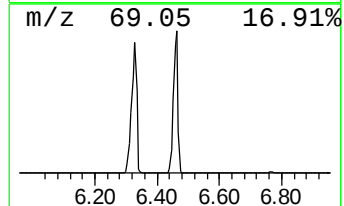
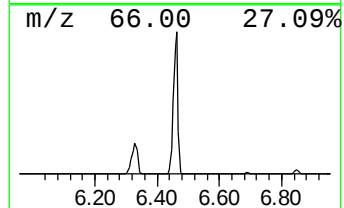
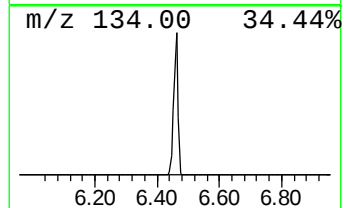
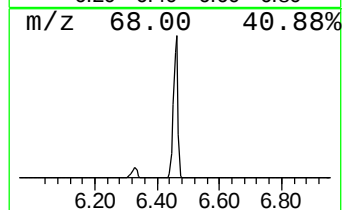
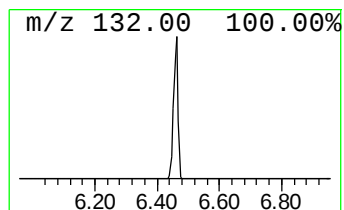
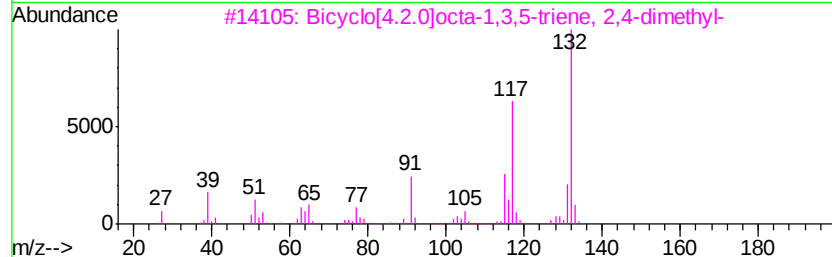
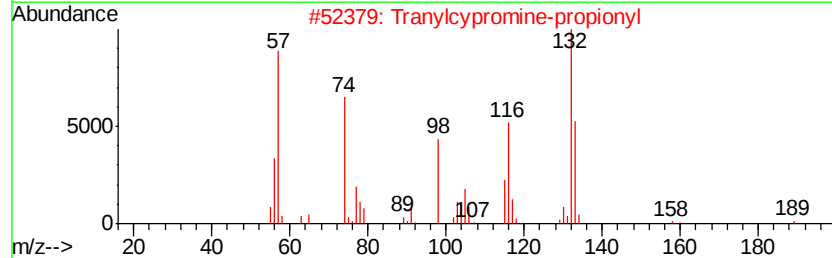
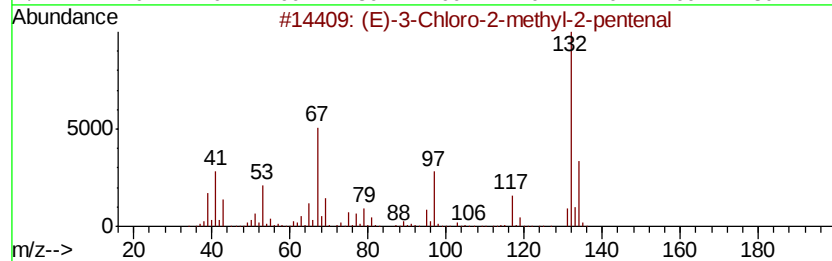
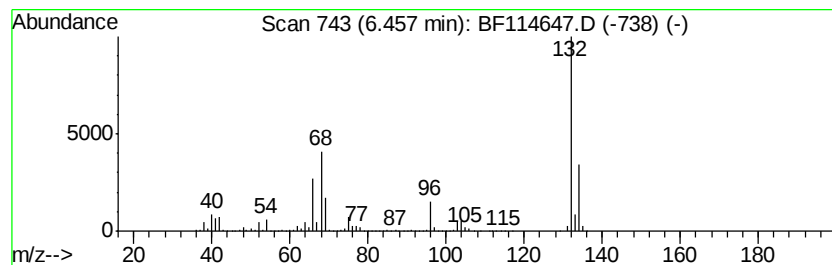
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	80.49 ng	8076500	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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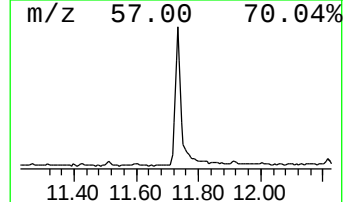
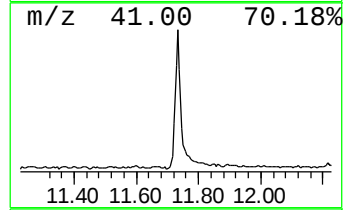
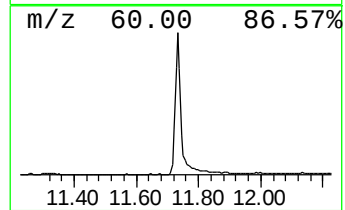
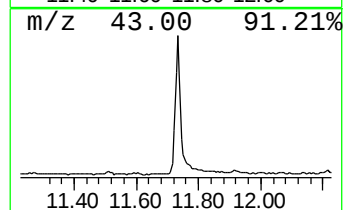
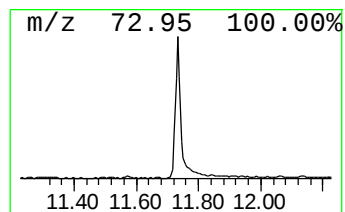
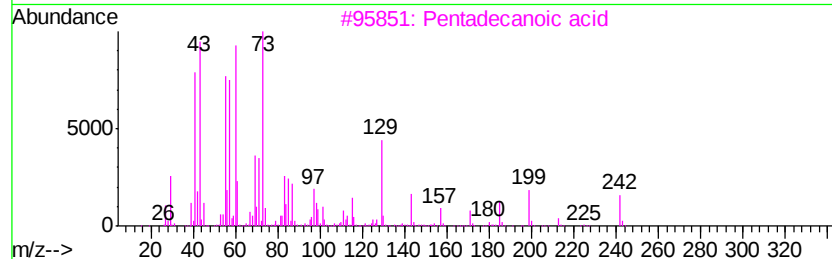
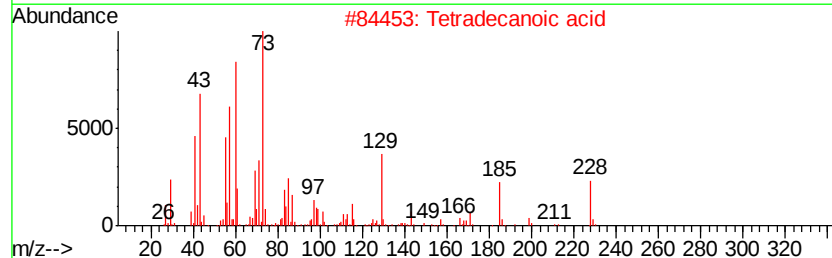
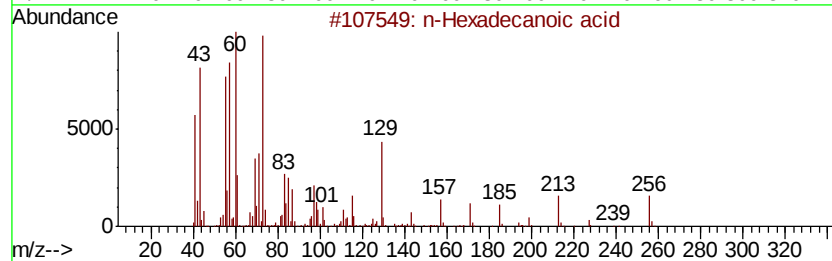
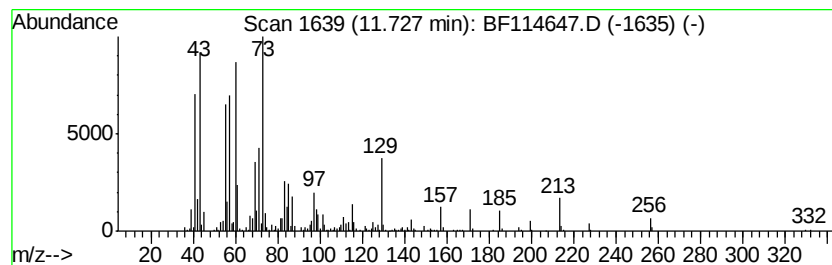
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 Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.34 ng	1223250	Phenanthrene-d10	11.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	92
5		Octadecanoic acid	284	C18H36O2	000057-11-4	87



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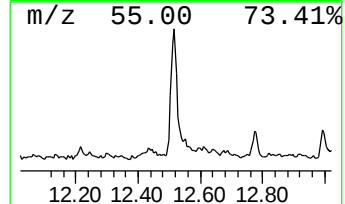
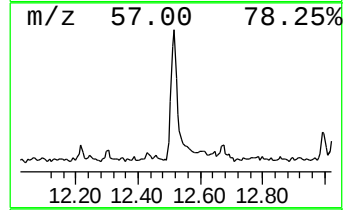
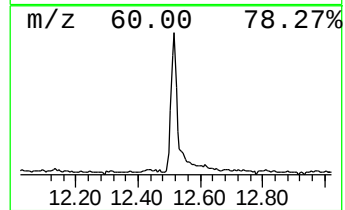
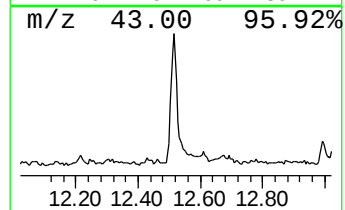
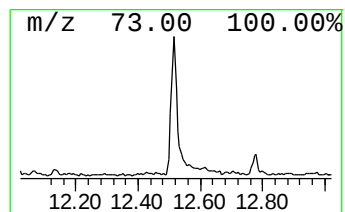
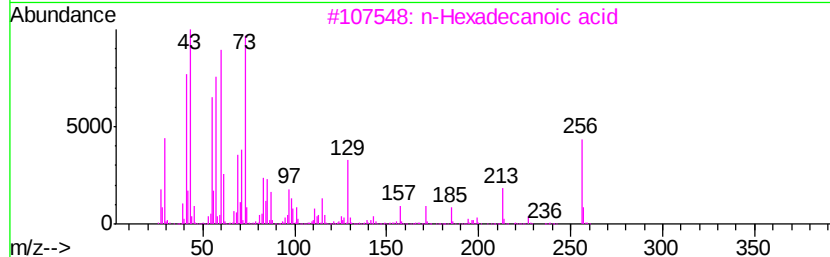
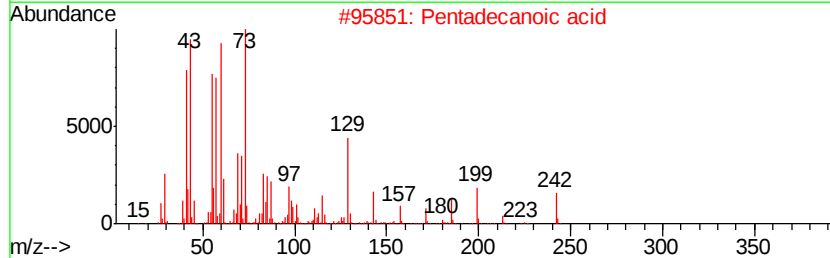
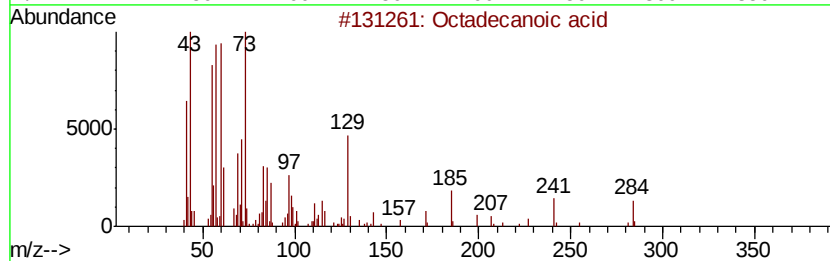
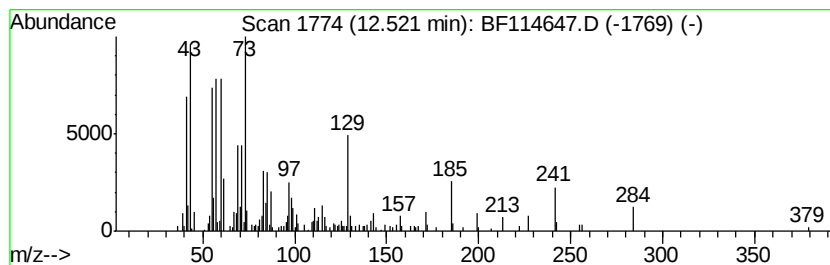
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.89 ng	467732	Chrysene-d12	13.81

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	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	91



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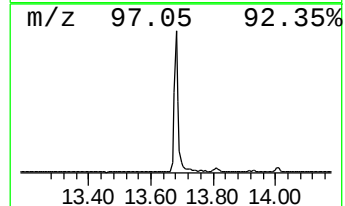
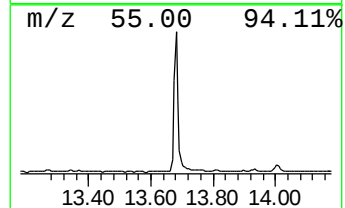
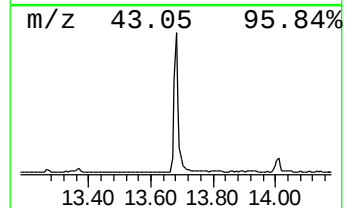
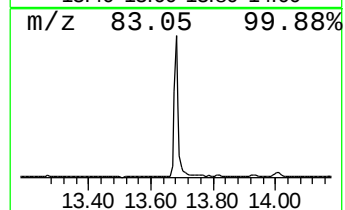
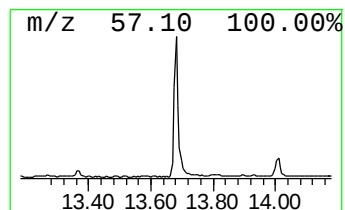
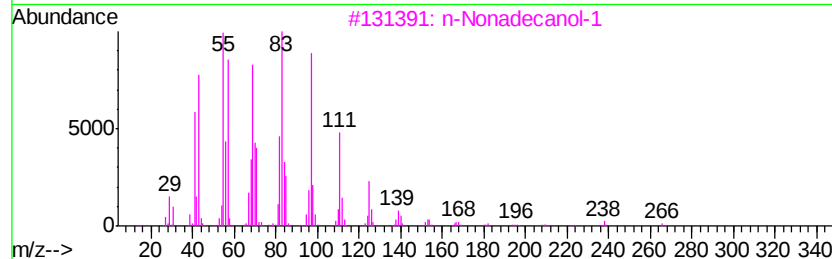
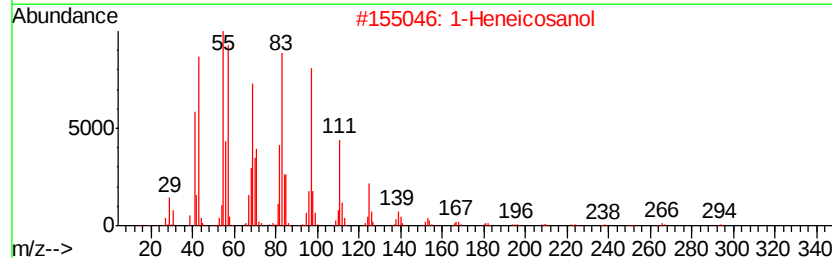
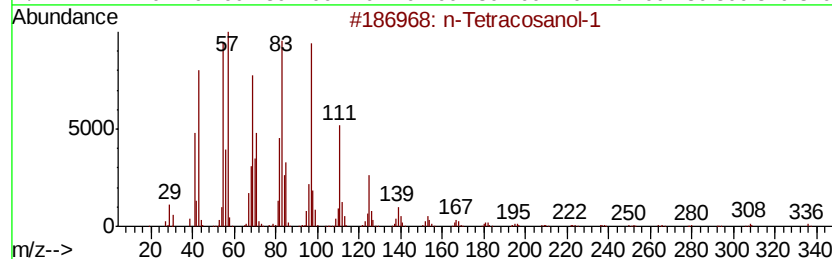
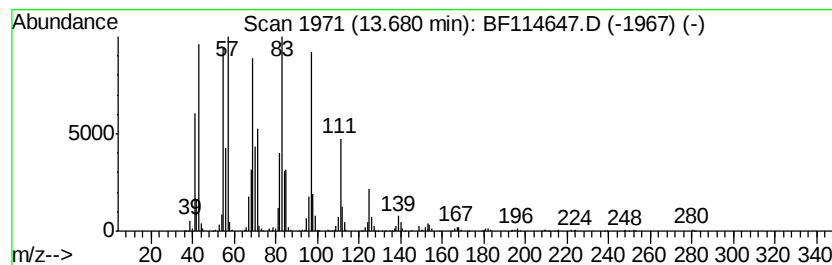
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Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	10.43 ng	1687000	Chrysene-d12	13.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90



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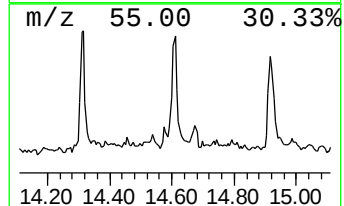
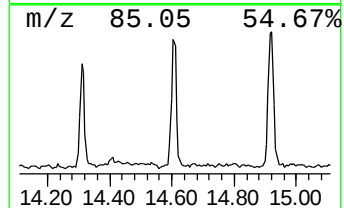
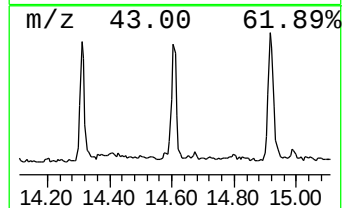
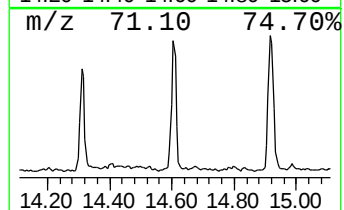
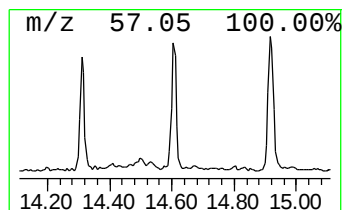
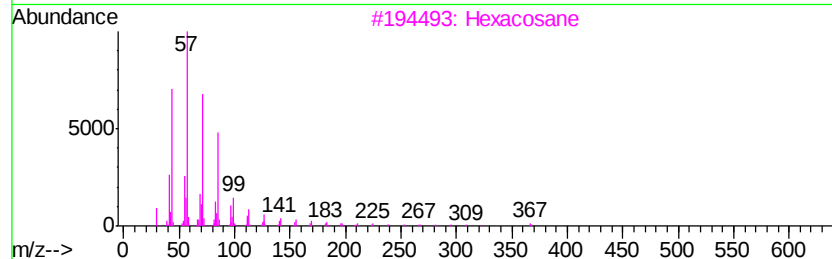
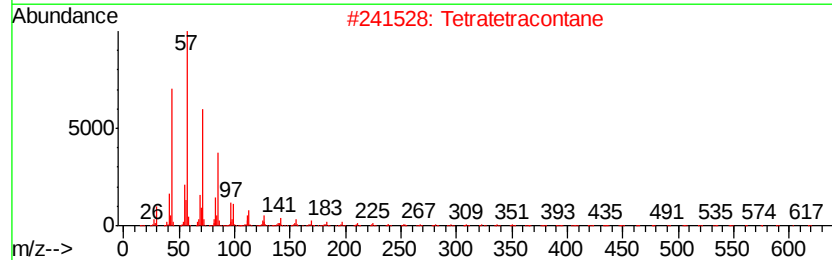
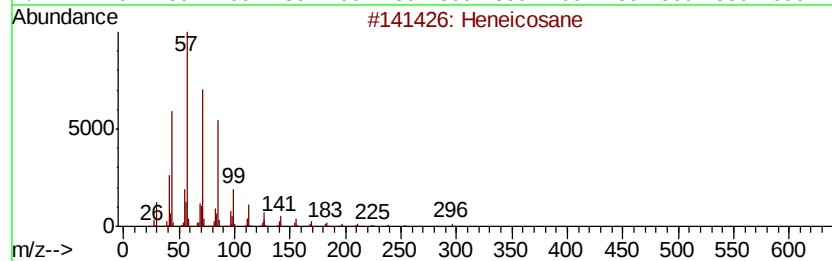
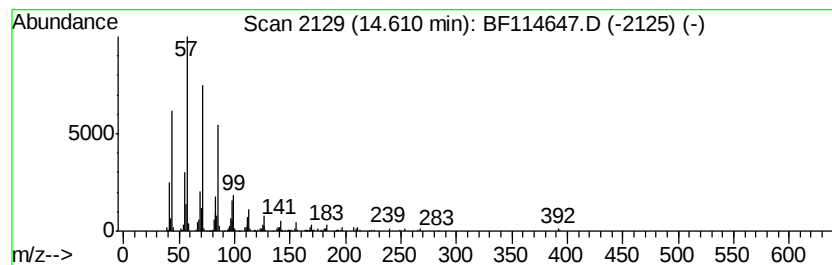
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.11 ng	294339	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		triacontane	422	C30H62	000638-68-6	91



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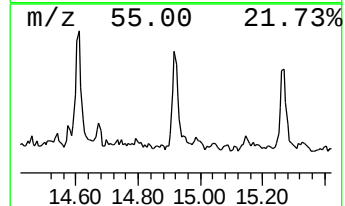
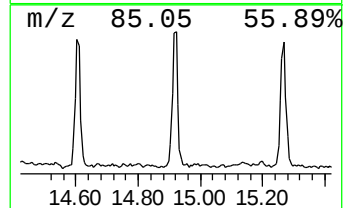
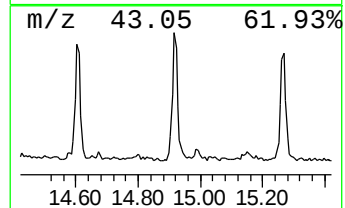
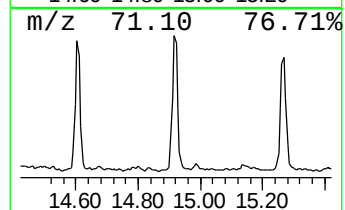
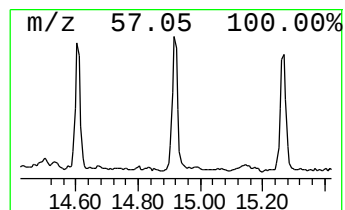
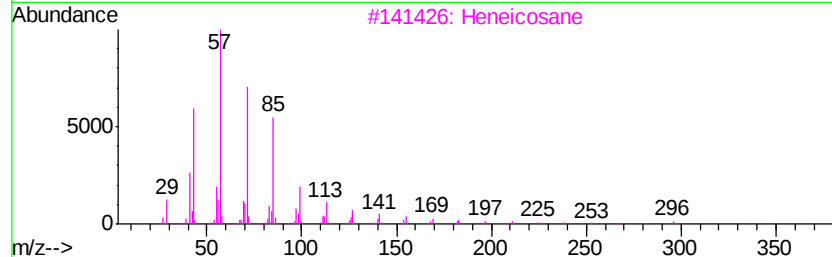
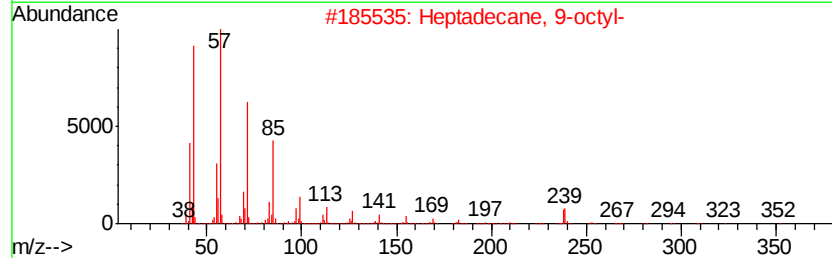
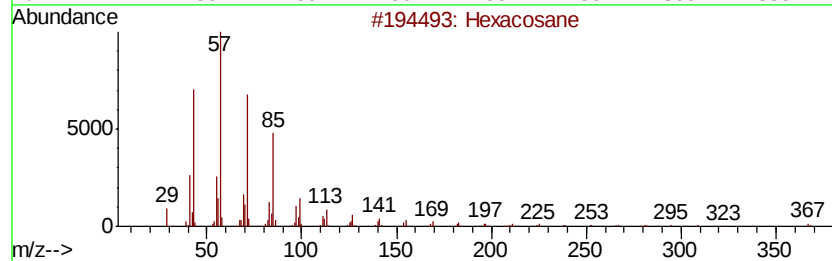
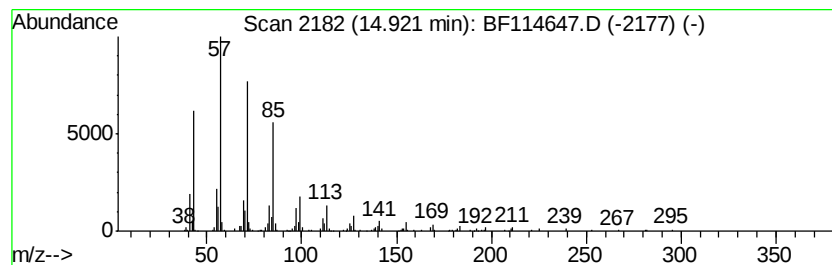
Instrument :
 BNA_F
 ClientSampleId :
 B-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.46 ng	343807	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane		366 C26H54	000630-01-3 94
2	Heptadecane, 9-octyl-		352 C25H52	007225-64-1 91
3	Heneicosane		296 C21H44	000629-94-7 91
4	Tetracosane		338 C24H50	000646-31-1 91
5	Docosane, 11-butyl-		366 C26H54	013475-76-8 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114647.D
Acq On : 30 May 2019 1:23
Operator : HP/JU
Sample : K3065-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-12-COMP

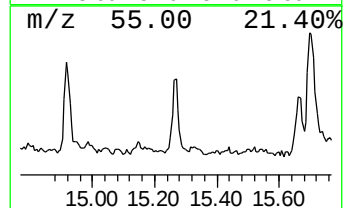
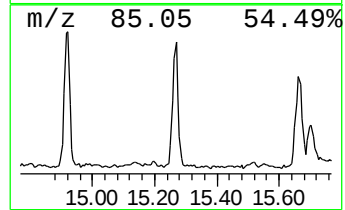
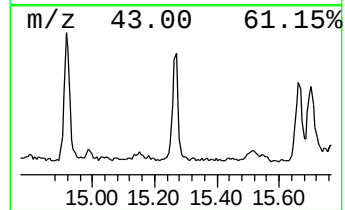
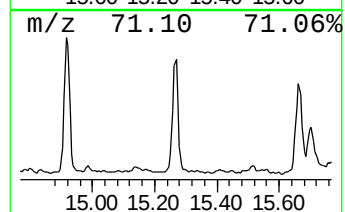
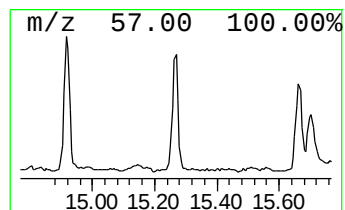
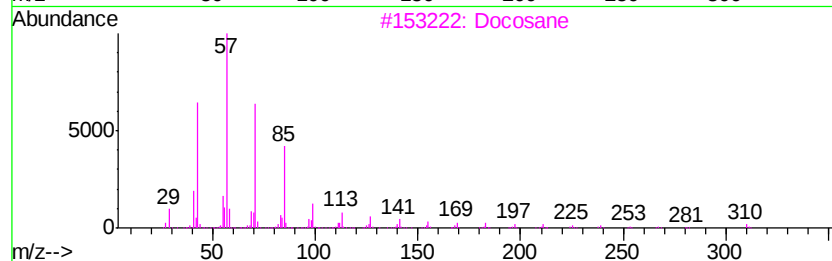
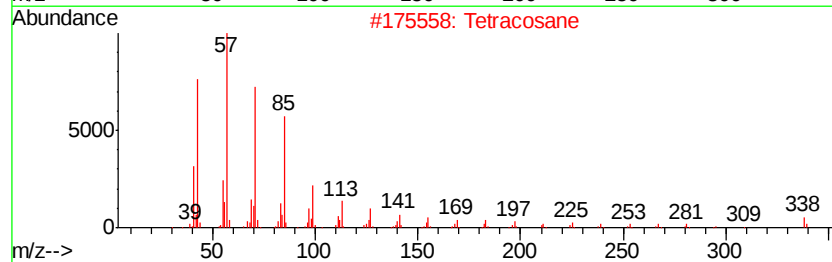
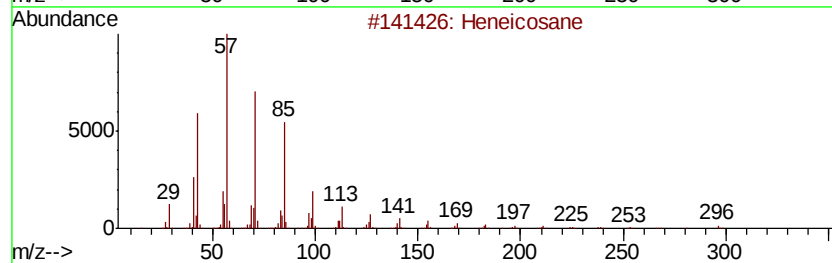
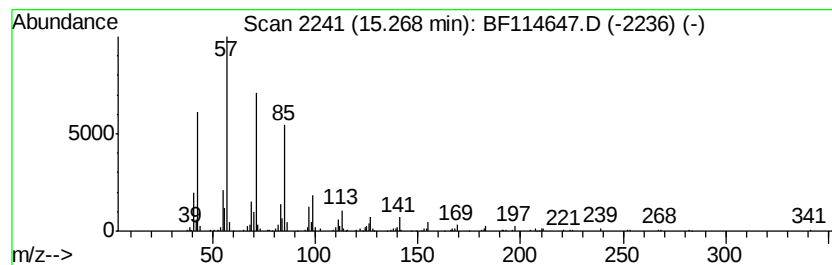
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	2.04 ng	284693	Perylene-d12	15.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Docosane		310	C22H46	000629-97-0	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Hexacosane		366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114647.D
Acq On : 30 May 2019 1:23
Operator : HP/JU
Sample : K3065-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

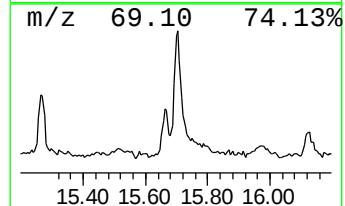
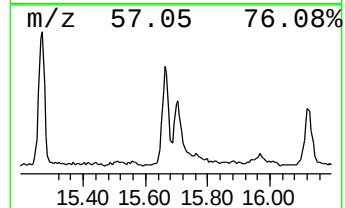
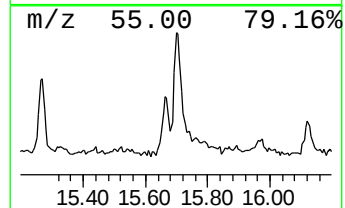
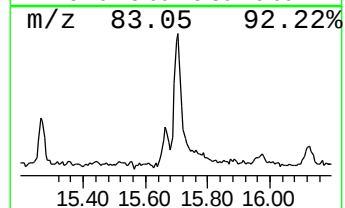
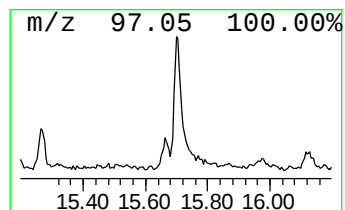
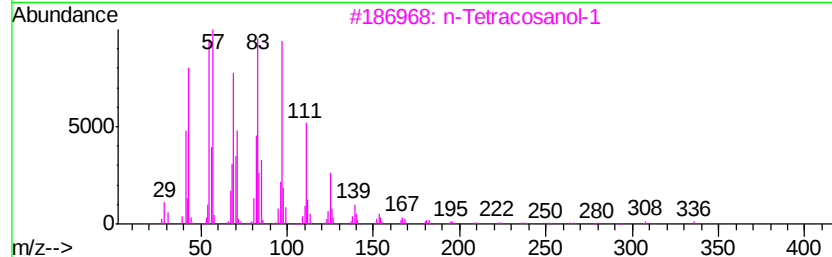
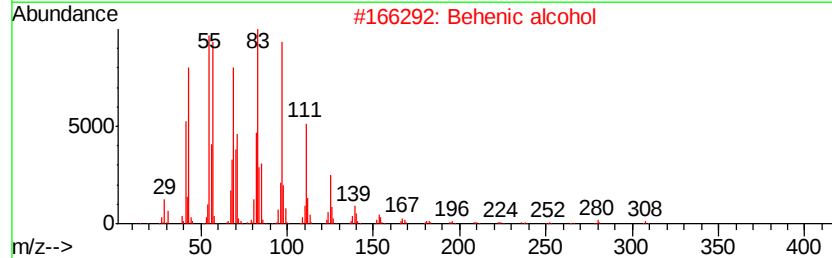
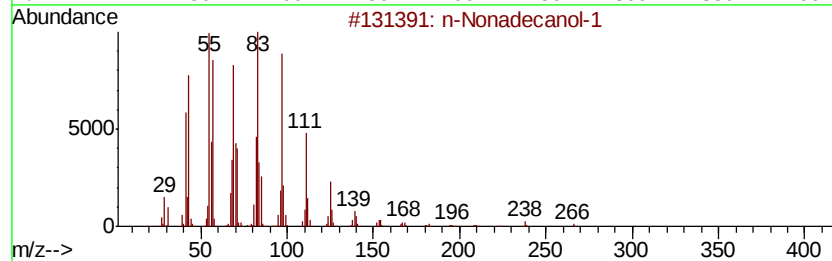
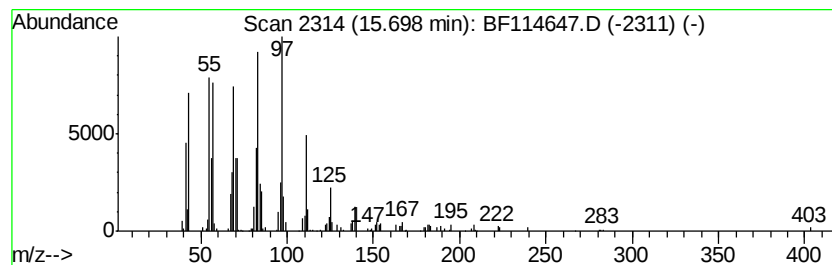
Instrument :
BNA_F
ClientSampleId :
B-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Nonadecanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.70	2.69 ng	376114	Perylene-d12		15.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052919\
Data File : BF114647.D
Acq On : 30 May 2019 1:23
Operator : HP/JU
Sample : K3065-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-12-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
unknown6.46	6.46	80.5	ng	8076500	1	6.69	2006920	20.0
n-Hexadecanoic acid	11.73	7.3	ng	1223250	4	11.19	3334100	20.0
Octadecanoic acid	12.52	2.9	ng	467732	5	13.81	3236270	20.0
n-Tetracosanol-1	13.68	10.4	ng	1687000	5	13.81	3236270	20.0
Heneicosane	14.61	2.1	ng	294339	6	15.20	2792190	20.0
Hexacosane	14.92	2.5	ng	343807	6	15.20	2792190	20.0
Tetracosane	15.27	2.0	ng	284693	6	15.20	2792190	20.0
n-Nonadecanol-1	15.70	2.7	ng	376114	6	15.20	2792190	20.0