

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113665.D
 Acq On : 9 Apr 2019 17:03
 Operator : JU/SJ
 Sample : K2338-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-SHALLOW

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-BF040319.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	5.292	541	545	574	rBV	2234934	2592683	86.46%	9.131%
2	6.334	717	722	738	rBV	2532400	2775638	92.56%	9.776%
3	6.451	738	742	758	rVB	2878519	2737391	91.28%	9.641%
4	6.681	777	781	793	rVB	600784	607516	20.26%	2.140%
5	6.834	803	807	826	rBV	2354601	2092709	69.79%	7.370%
6	7.245	873	877	892	rBV	1778446	1746279	58.23%	6.150%
7	7.963	995	999	1015	rBV	696538	783122	26.11%	2.758%
8	9.033	1177	1181	1194	rBV	3166325	2883588	96.16%	10.156%
9	9.157	1199	1202	1212	rVB	45399	64533	2.15%	0.227%
10	9.427	1245	1248	1259	rBV	380195	388728	12.96%	1.369%
11	9.710	1292	1296	1310	rVB	1004012	906302	30.22%	3.192%
12	10.498	1426	1430	1444	rBV	2075419	2170219	72.37%	7.643%
13	10.874	1491	1494	1504	rBV	70288	101018	3.37%	0.356%
14	11.192	1544	1548	1557	rBV	1009300	993029	33.11%	3.497%
15	11.316	1565	1569	1582	rBV3	34218	60653	2.02%	0.214%
16	11.651	1623	1626	1636	rBV	144912	185861	6.20%	0.655%
17	11.733	1636	1640	1659	rVB	538072	696968	23.24%	2.455%
18	12.433	1750	1759	1770	rBV2	75349	176857	5.90%	0.623%
19	12.510	1770	1772	1784	rVV	75668	121292	4.04%	0.427%
20	12.774	1812	1817	1820	rBV	3152264	2998764	100.00%	10.561%
21	13.827	1992	1996	2015	rBV	832611	967702	32.27%	3.408%
22	14.292	2069	2075	2079	rBV2	55001	63901	2.13%	0.225%
23	14.586	2122	2125	2129	rVB	73062	66866	2.23%	0.235%
24	14.651	2132	2136	2140	rBV	1158742	1093599	36.47%	3.852%
25	14.892	2173	2177	2182	rBV	80053	91067	3.04%	0.321%
26	15.233	2230	2235	2245	rBV	632283	834753	27.84%	2.940%
27	15.633	2299	2303	2307	rBV	43403	55276	1.84%	0.195%
28	15.839	2334	2338	2342	rBV4	24631	41212	1.37%	0.145%
29	16.086	2376	2380	2388	rVB2	31776	51777	1.73%	0.182%
30	16.903	2514	2519	2524	rBV6	23885	44121	1.47%	0.155%

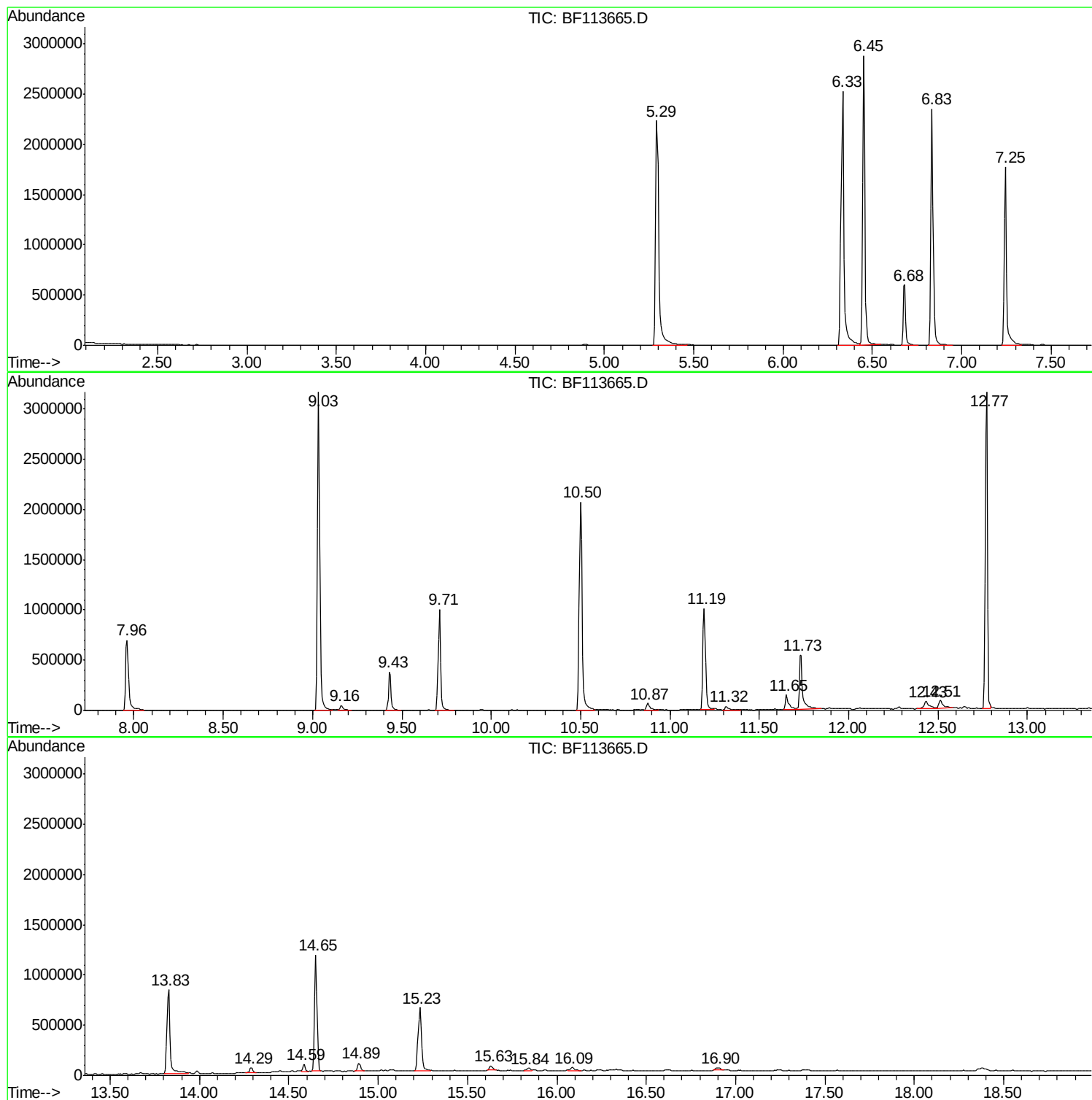
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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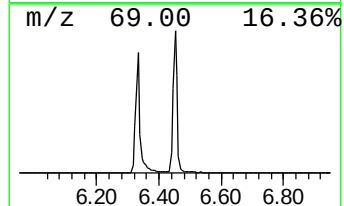
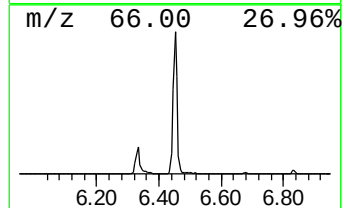
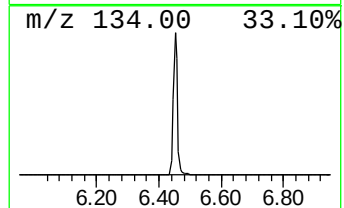
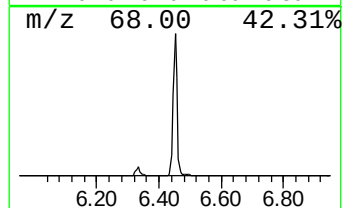
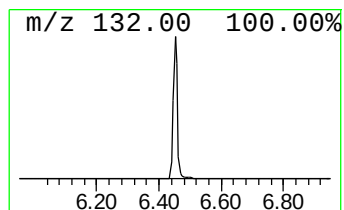
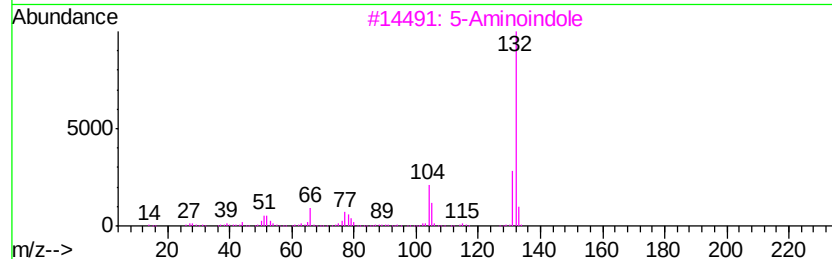
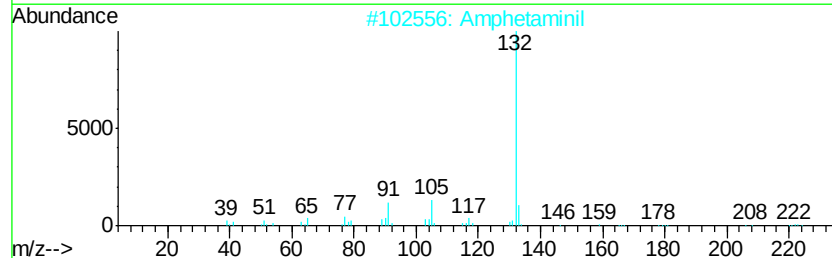
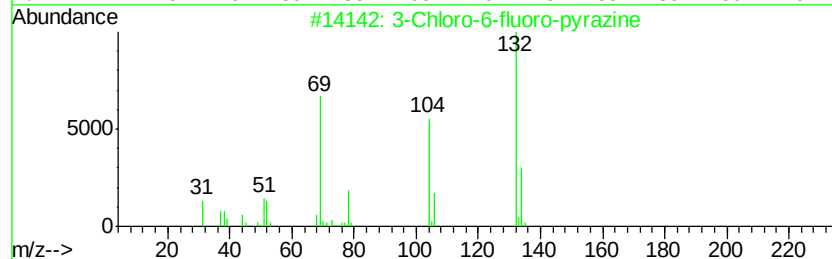
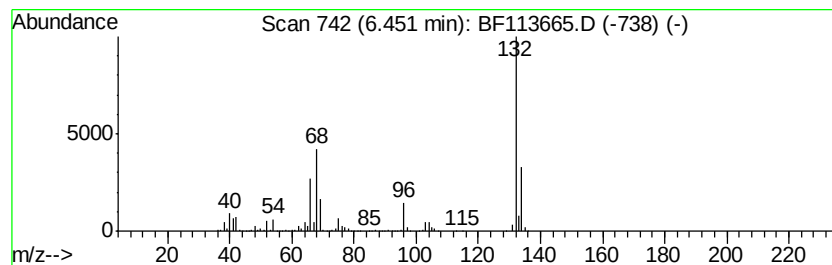
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	90.12 ng	2737390	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Amphetaminil	250	C17H18N2	017590-01-1	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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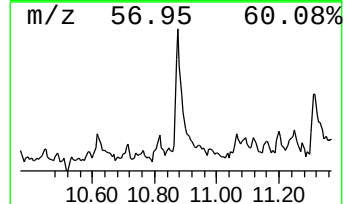
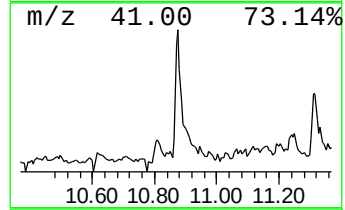
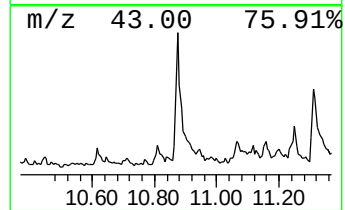
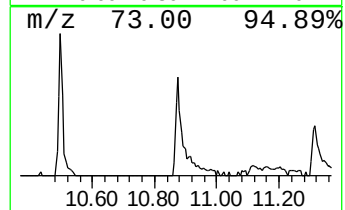
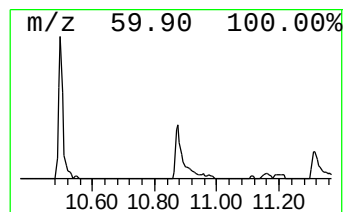
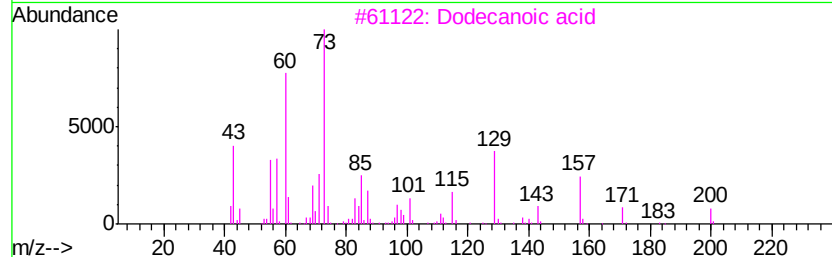
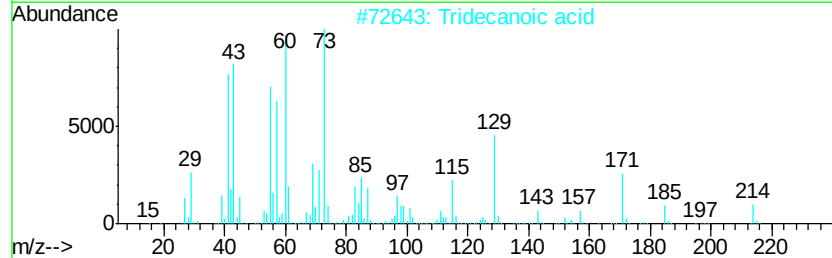
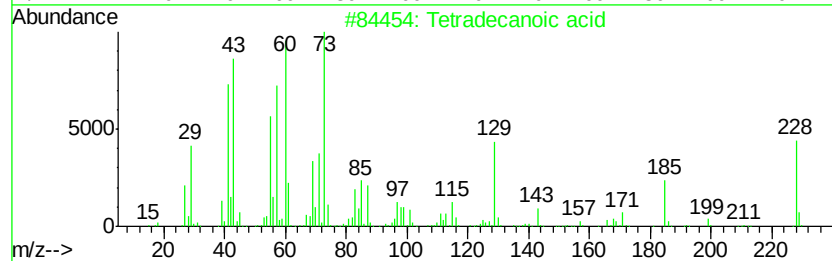
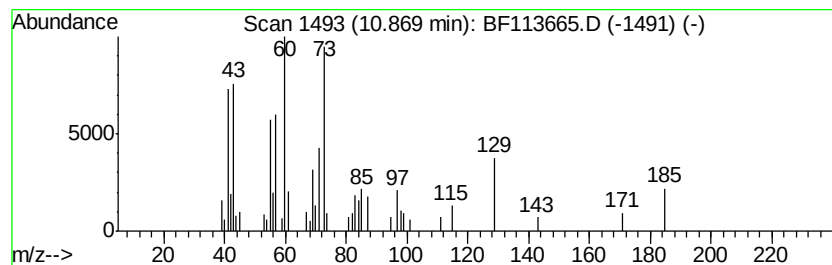
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Peak Number 3 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.87	2.03 ng	101018	Phenanthrene-d10		11.19	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	72
3		Dodecanoic acid	200	C12H24O2	000143-07-7	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68



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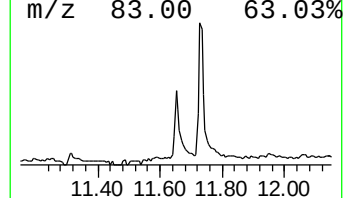
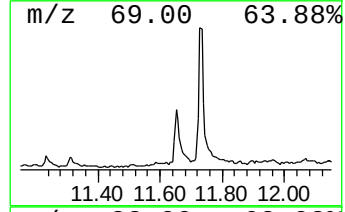
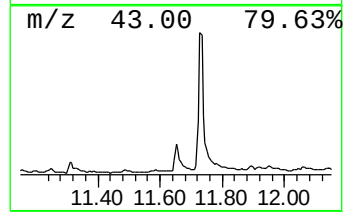
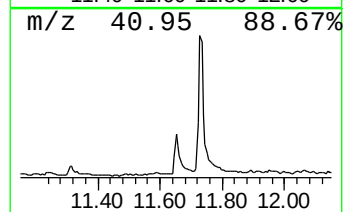
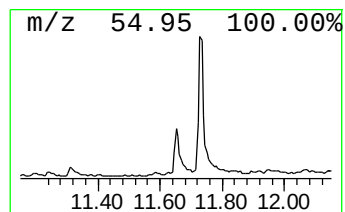
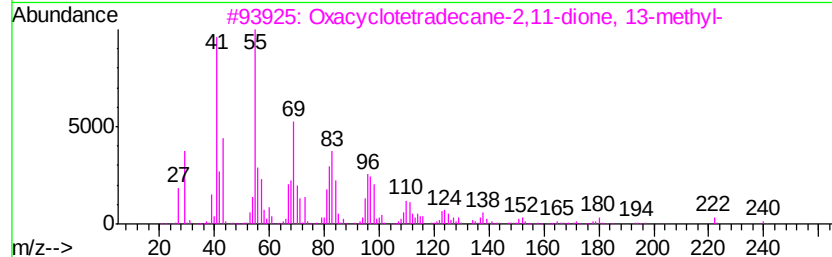
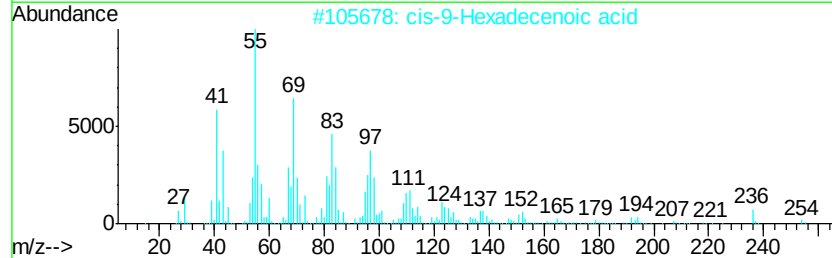
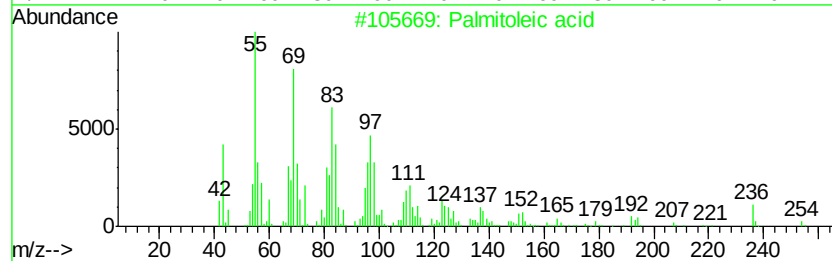
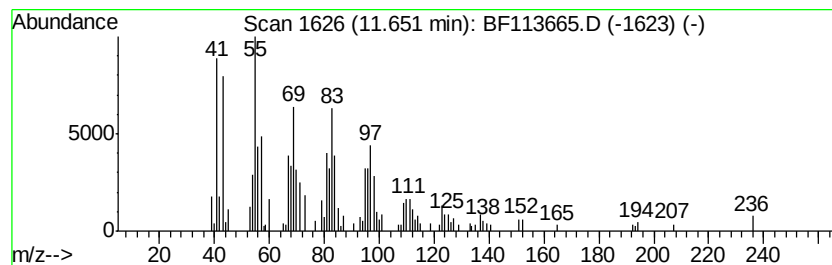
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Peak Number 4 Palmitoleic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.65	3.74 ng	185861	Phenanthrene-d10		11.19	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Palmitoleic acid	254	C16H30O2	000373-49-9	91
2		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	87
3		Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	87
4		1,9-Tetradecadiene	194	C14H26	112929-06-3	83
5		E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	64



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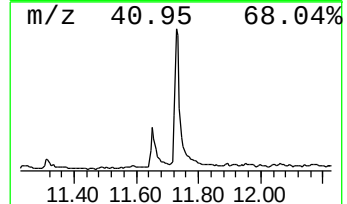
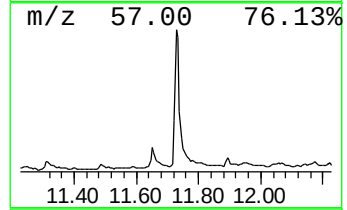
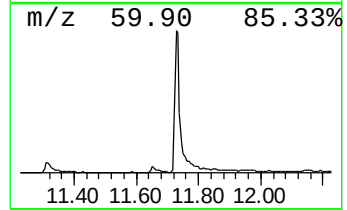
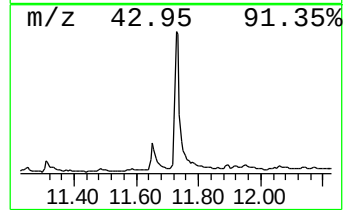
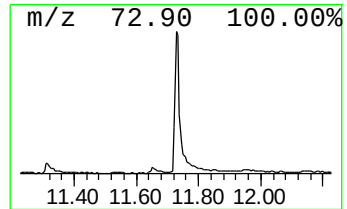
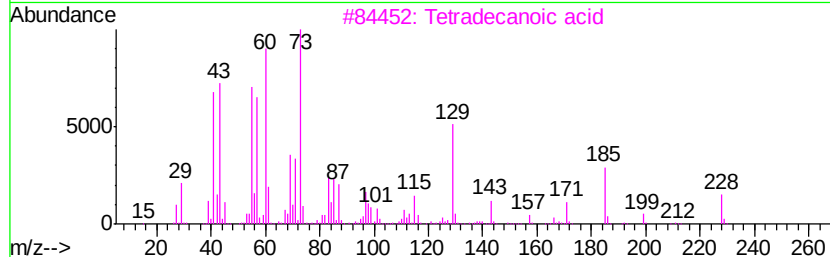
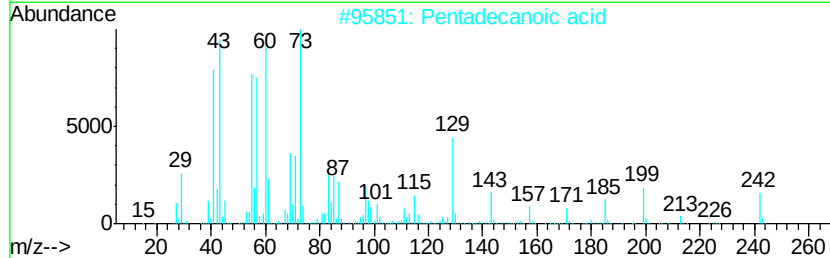
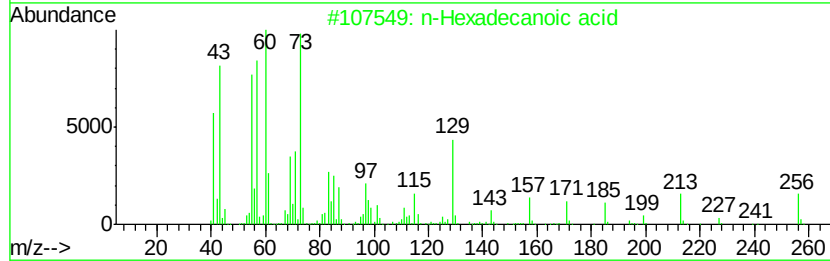
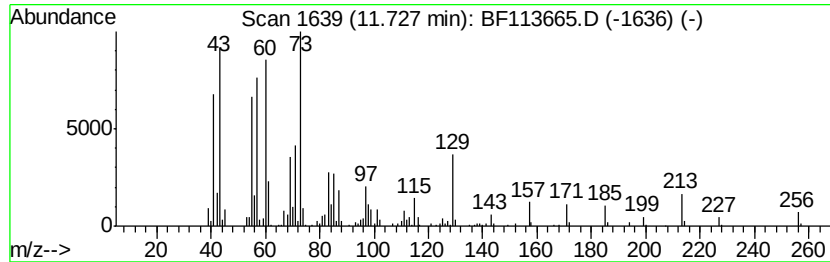
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	14.04 ng	696968	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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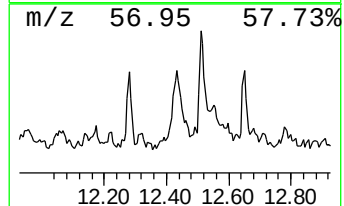
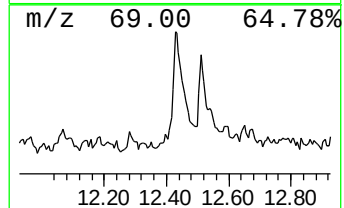
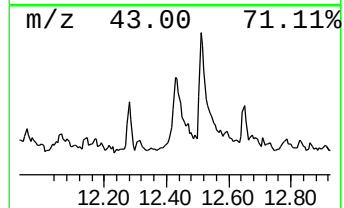
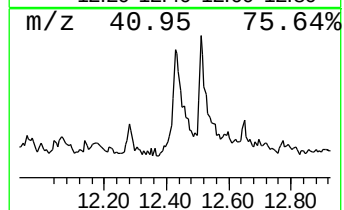
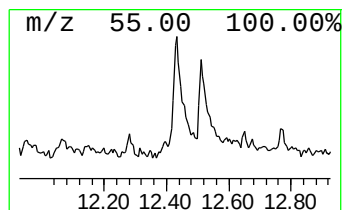
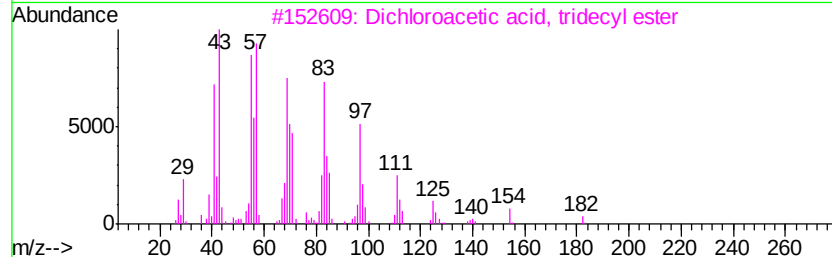
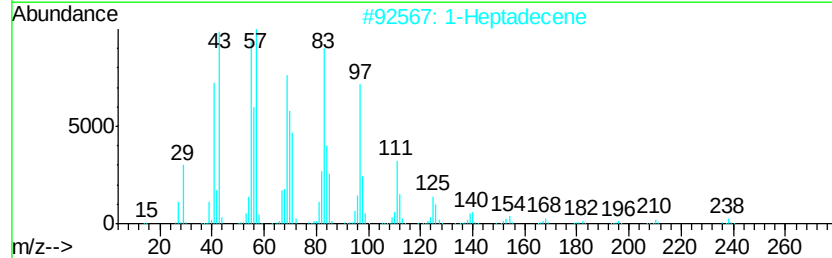
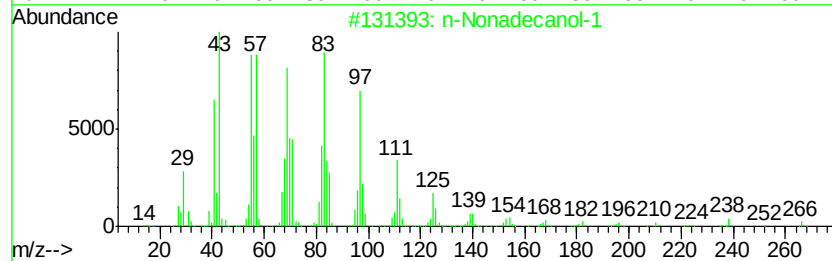
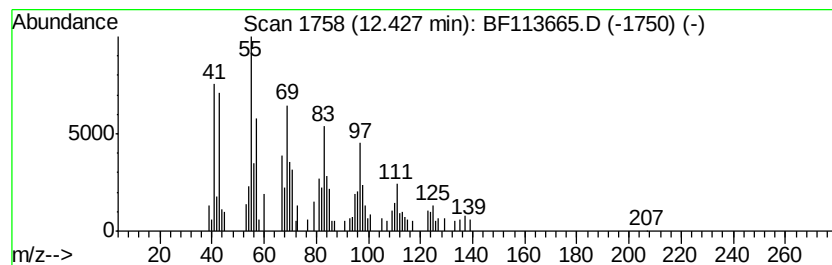
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Peak Number 6 n-Nonadecanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.43	3.56 ng	176857	Phenanthrene-d10	11.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	81
2	1-Heptadecene	238	C17H34	006765-39-5	76
3	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	76
4	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	76
5	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	74



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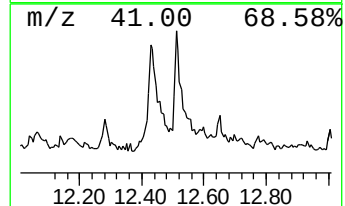
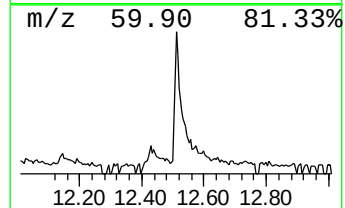
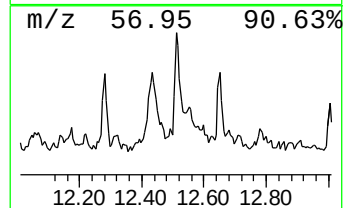
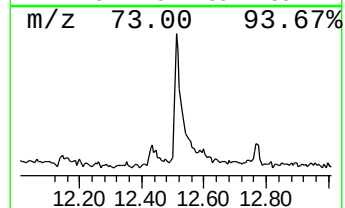
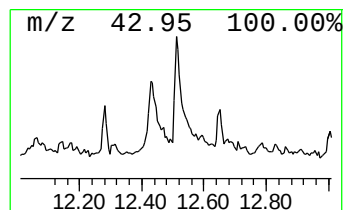
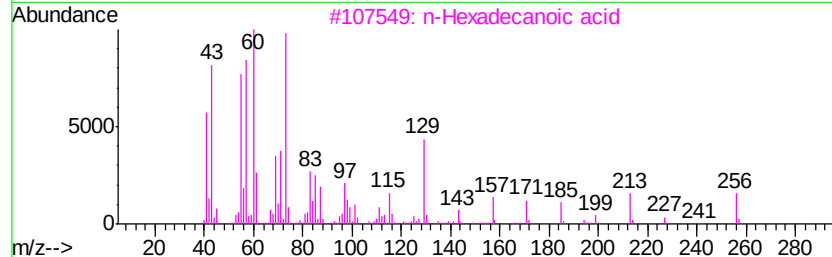
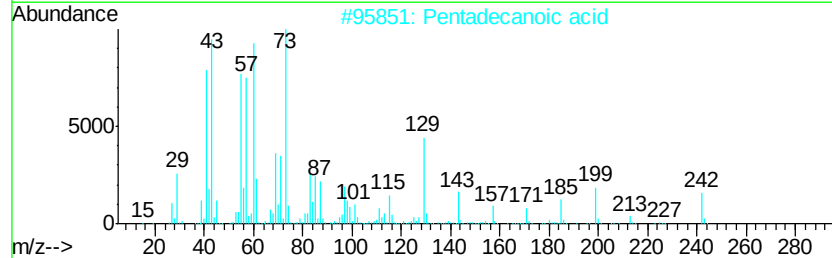
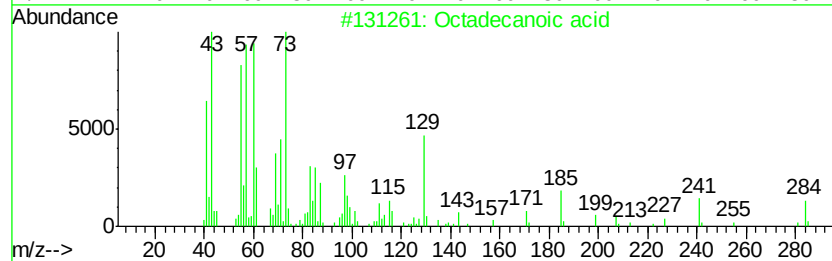
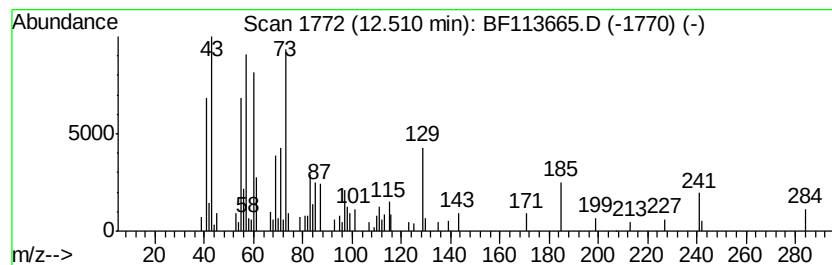
Instrument :
BNA_F
ClientSampleId :
TP-1-SHALLOW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.51	2.51 ng	121292	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	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113665.D
Acq On : 9 Apr 2019 17:03
Operator : JU/SJ
Sample : K2338-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-SHALLOW

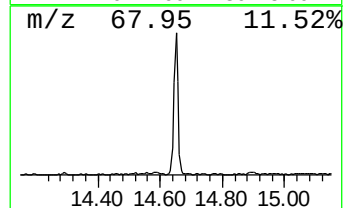
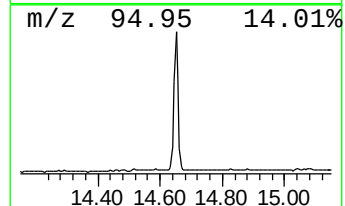
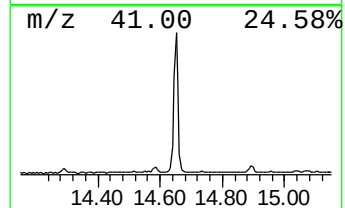
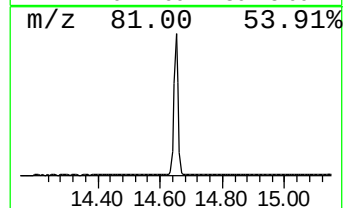
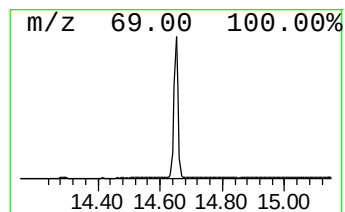
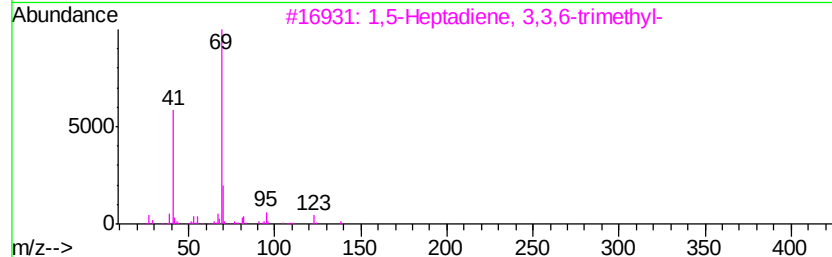
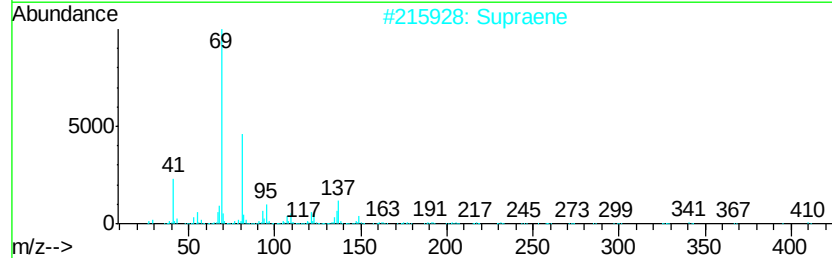
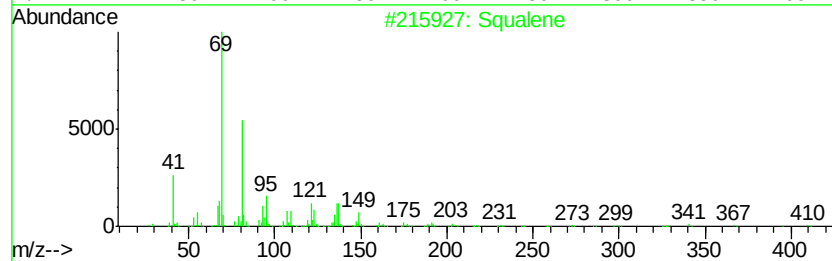
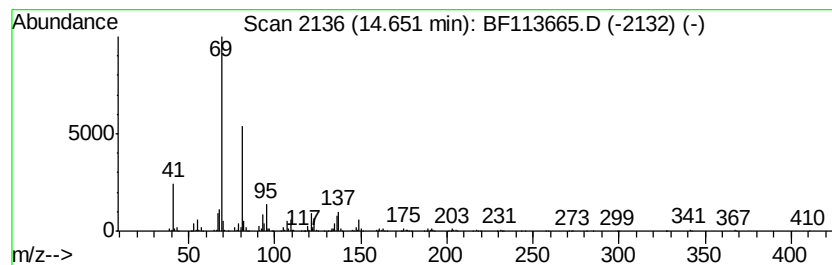
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	26.20 ng	1093600	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	98
2		Supraene	410	C30H50	007683-64-9	91
3		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
4		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50
5		2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113665.D
Acq On : 9 Apr 2019 17:03
Operator : JU/SJ
Sample : K2338-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

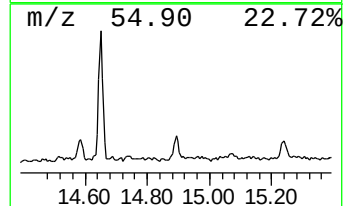
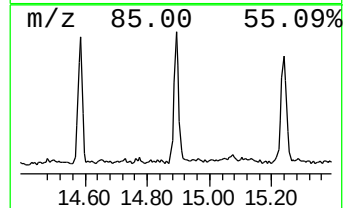
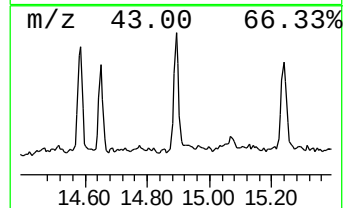
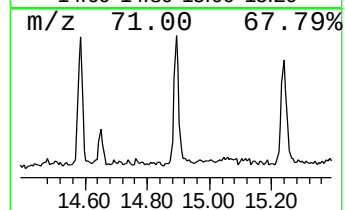
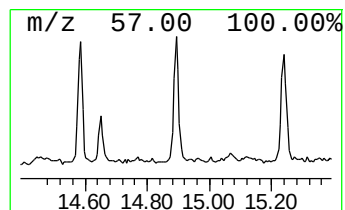
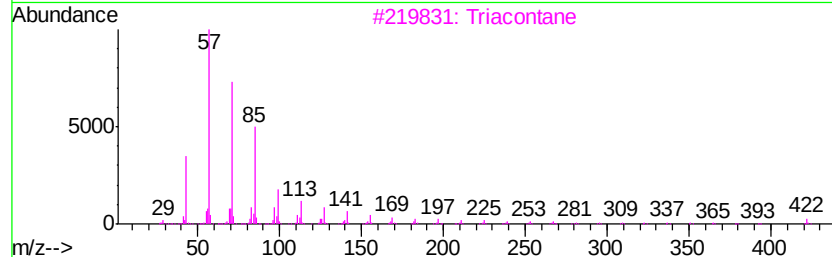
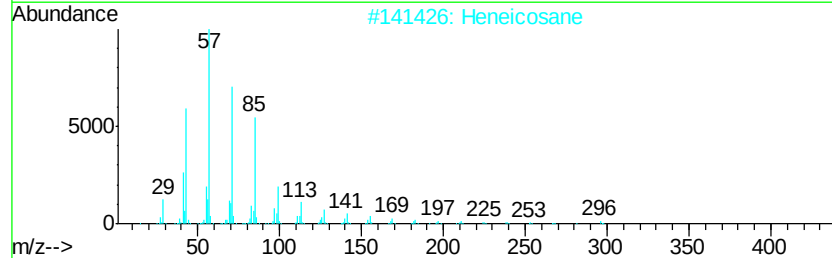
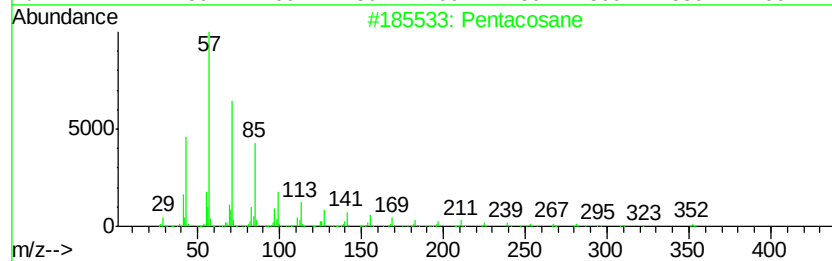
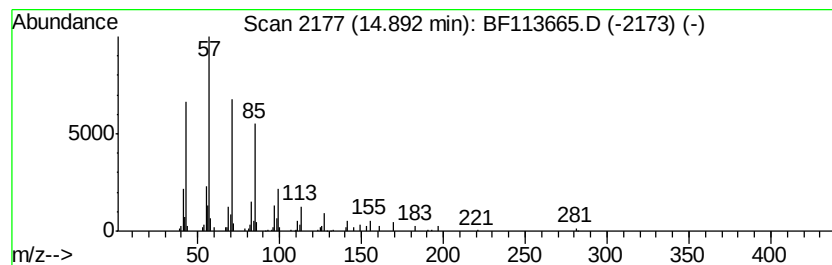
Instrument :
BNA_F
ClientSampleId :
TP-1-SHALLOW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.18 ng	91067	Perylene-d12	15.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacosane	352 C25H52	000629-99-2	91
2	Heneicosane	296 C21H44	000629-94-7	91
3	Triacontane	422 C30H62	000638-68-6	91
4	Hexacosane	366 C26H54	000630-01-3	81
5	Tridecane, 3-methyl-	198 C14H30	006418-41-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113665.D
Acq On : 9 Apr 2019 17:03
Operator : JU/SJ
Sample : K2338-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-SHALLOW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	90.1	ng	2737390	1	6.68	607516	20.0
Tetradecanoic acid	10.87	2.0	ng	101018	4	11.19	993029	20.0
Palmitoleic acid	11.65	3.7	ng	185861	4	11.19	993029	20.0
n-Hexadecanoic acid	11.73	14.0	ng	696968	4	11.19	993029	20.0
n-Nonadecanol-1	12.43	3.6	ng	176857	4	11.19	993029	20.0
Octadecanoic acid	12.51	2.5	ng	121292	5	13.83	967702	20.0
Squalene	14.65	26.2	ng	1093600	6	15.23	834753	20.0
Pentacosane	14.89	2.2	ng	91067	6	15.23	834753	20.0