

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113788.D
 Acq On : 16 Apr 2019 12:33
 Operator : JU/SJ
 Sample : K2423-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-A

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	542	545	580	rBV	1302860	2107706	90.68%	9.540%
2	6.333	719	722	738	rBV	1608948	2144022	92.25%	9.704%
3	6.451	738	742	761	rVB	2115693	2250255	96.82%	10.185%
4	6.669	776	779	793	rVB	688693	656322	28.24%	2.971%
5	6.828	802	806	824	rBV	1932124	1759464	75.70%	7.964%
6	7.239	872	876	901	rBV	1160435	1359080	58.47%	6.151%
7	7.957	994	998	1020	rBV	651078	807571	34.75%	3.655%
8	9.027	1176	1180	1193	rBV	2542128	2324207	100.00%	10.520%
9	9.427	1245	1248	1261	rBV	208716	244091	10.50%	1.105%
10	9.704	1291	1295	1309	rBV	853417	793901	34.16%	3.593%
11	10.498	1427	1430	1447	rBV	896216	1081541	46.53%	4.895%
12	11.192	1544	1548	1563	rBV	596046	721832	31.06%	3.267%
13	11.727	1635	1639	1653	rBV2	101707	208018	8.95%	0.942%
14	12.504	1768	1771	1784	rBV	189902	363421	15.64%	1.645%
15	12.768	1812	1816	1825	rVB	1822224	1717689	73.90%	7.774%
16	13.339	1909	1913	1916	rBV2	33098	39884	1.72%	0.181%
17	13.668	1965	1969	1975	rBV	43801	46200	1.99%	0.209%
18	13.827	1992	1996	2005	rBV	704186	849568	36.55%	3.845%
19	13.980	2019	2022	2030	rVB	88837	94893	4.08%	0.429%
20	14.286	2069	2074	2077	rBV	155951	162506	6.99%	0.736%
21	14.433	2093	2099	2107	rVB5	32784	100646	4.33%	0.456%
22	14.580	2120	2124	2129	rBV	200840	218827	9.42%	0.990%
23	14.645	2132	2135	2139	rVB	154362	154247	6.64%	0.698%
24	14.886	2172	2176	2183	rVB	234873	244049	10.50%	1.105%
25	15.239	2230	2236	2244	rBV2	753689	1113252	47.90%	5.039%
26	15.621	2296	2301	2315	rVB	173400	289530	12.46%	1.310%
27	16.074	2373	2378	2386	rBV2	91327	176397	7.59%	0.798%
28	16.603	2463	2468	2474	rVB2	35859	64850	2.79%	0.294%

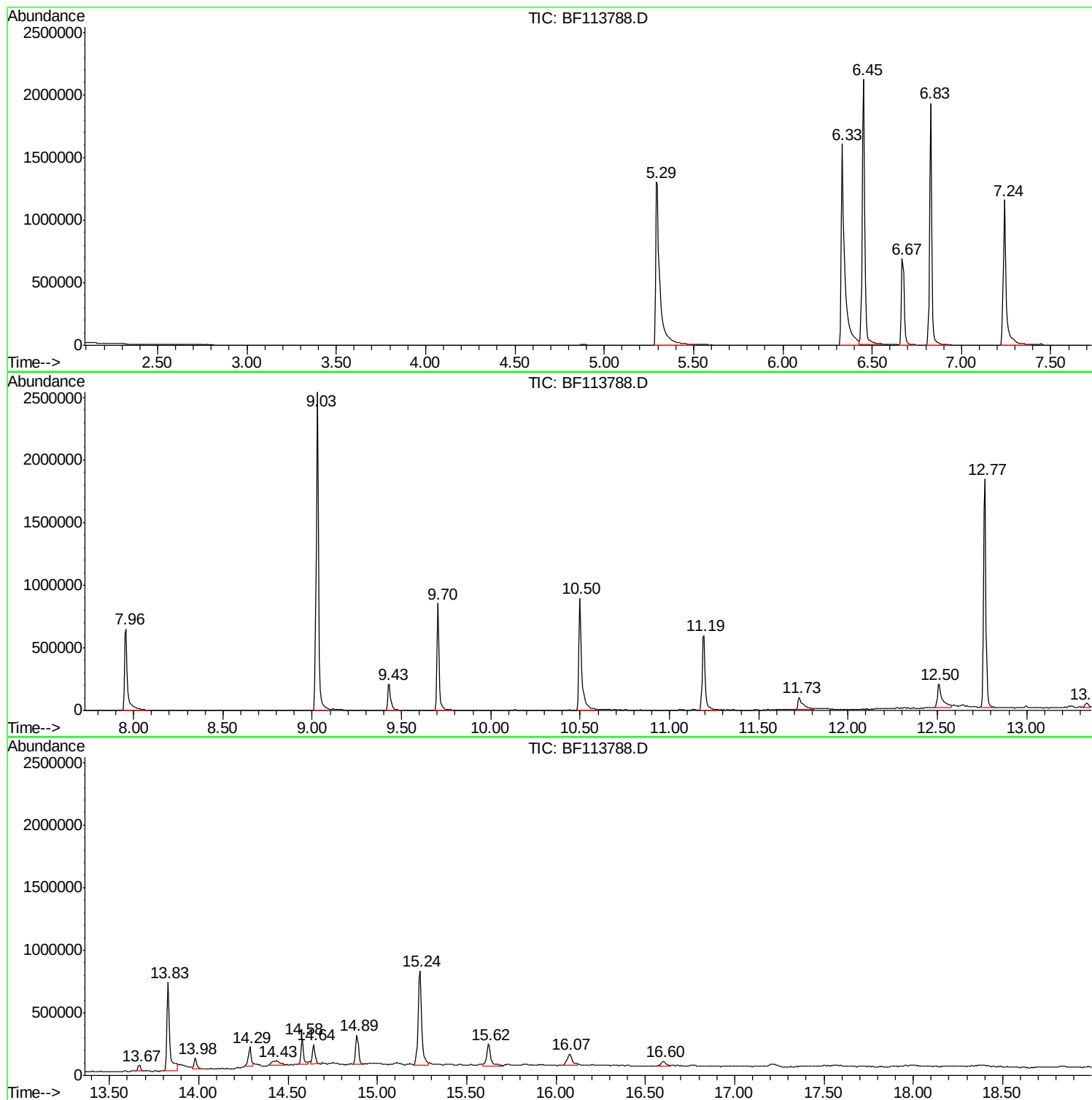
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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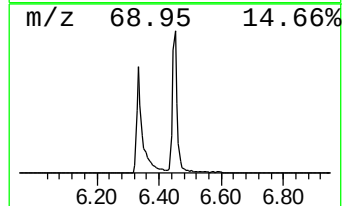
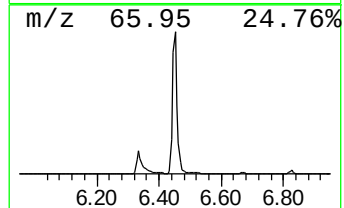
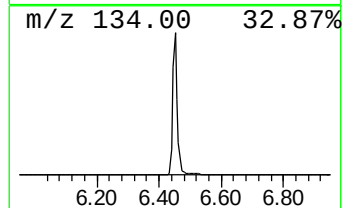
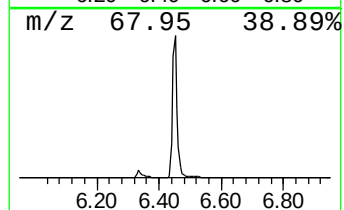
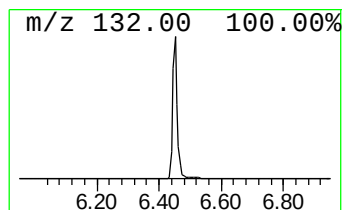
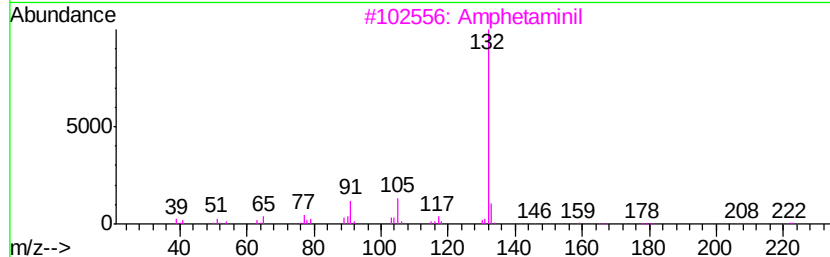
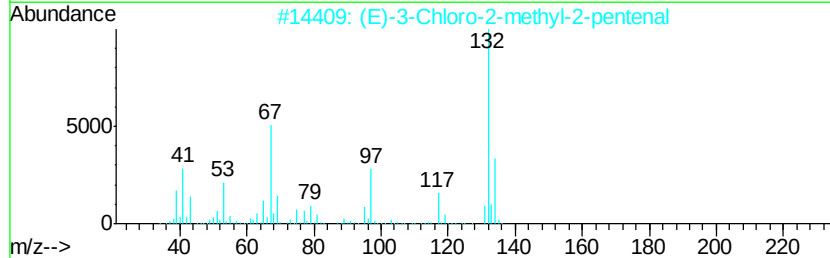
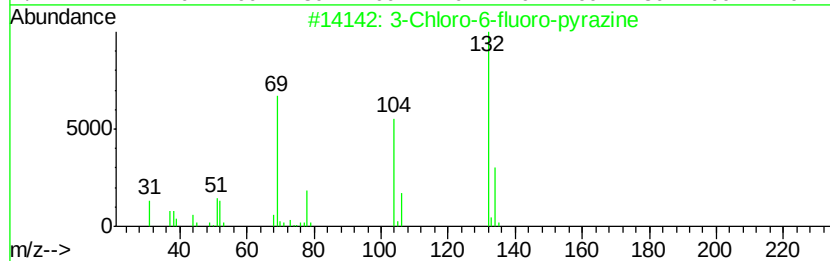
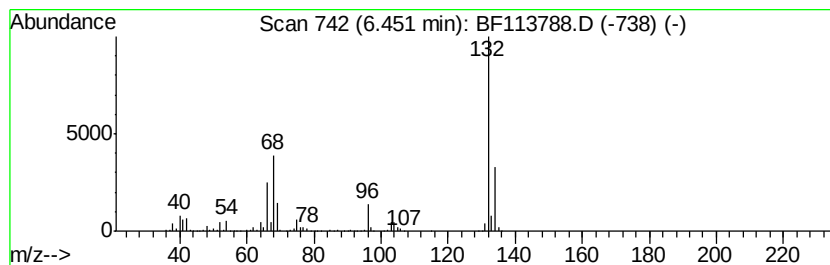
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	68.57 ng	2250260	1,4-Dichlorobenzene-d4	6.67

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	16
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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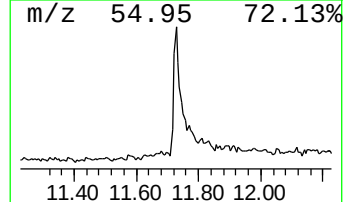
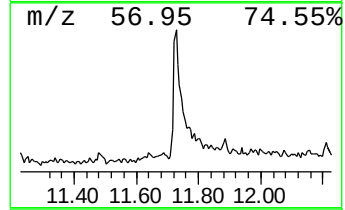
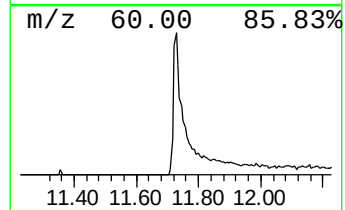
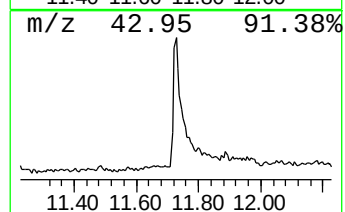
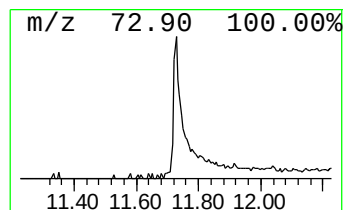
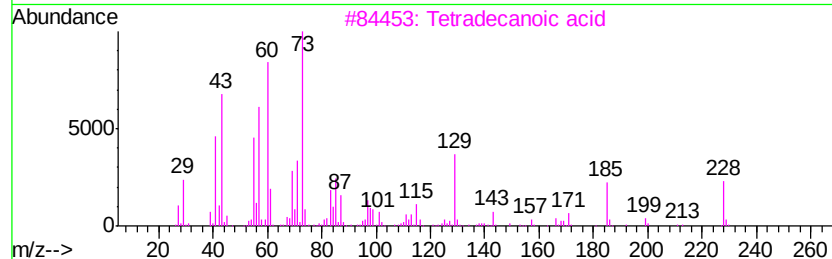
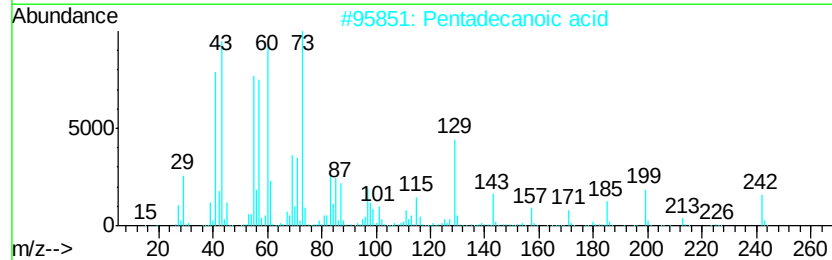
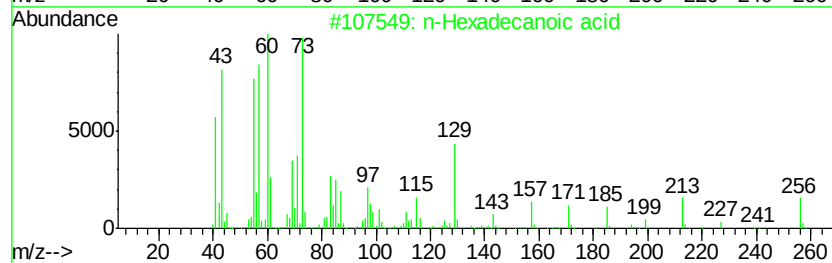
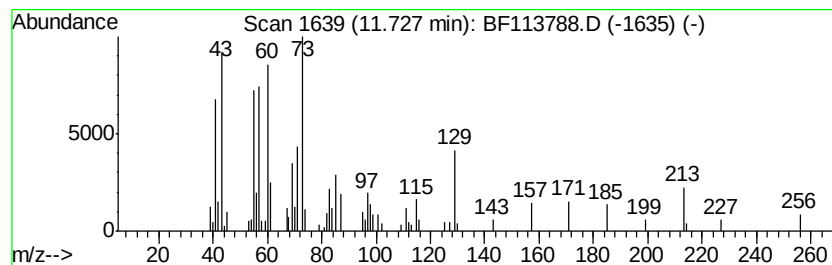
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.73	5.76 ng	208018	Phenanthrene-d10		11.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30



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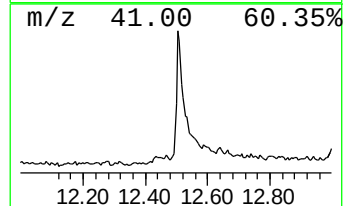
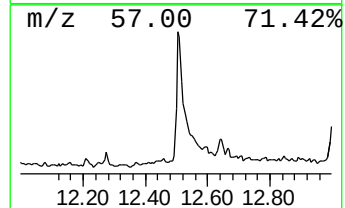
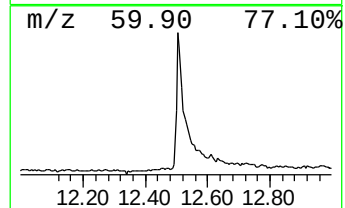
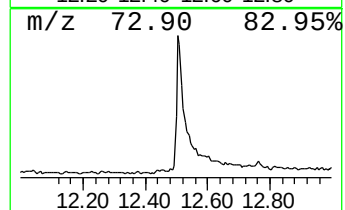
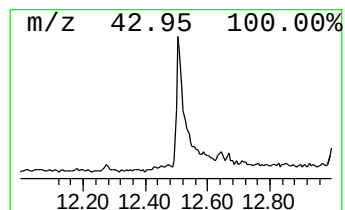
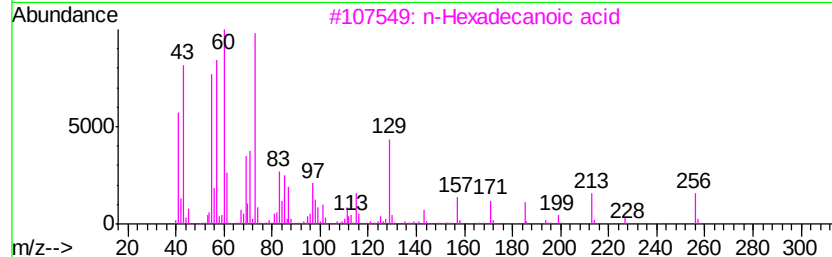
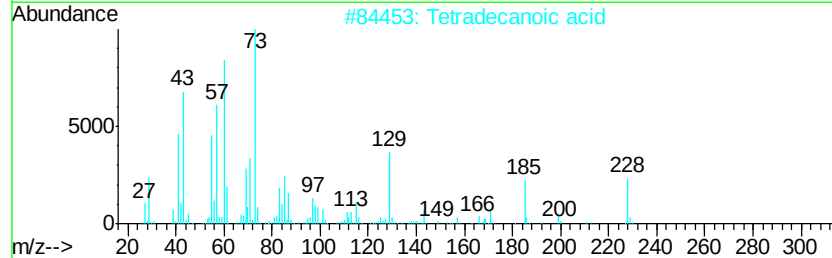
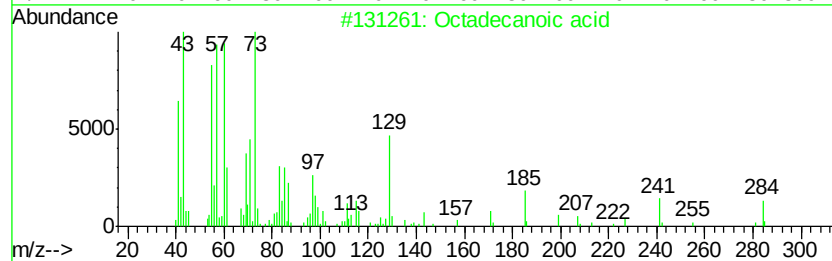
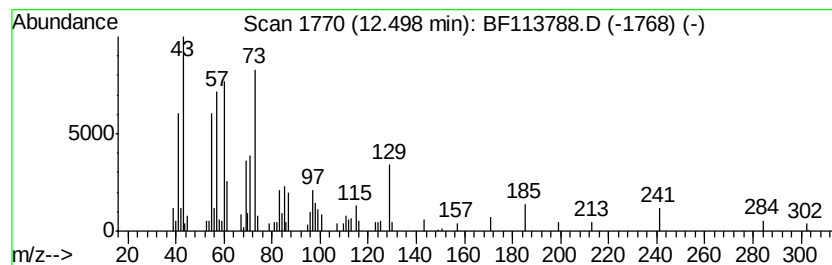
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	10.07 ng	363421	Phenanthrene-d10	11.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



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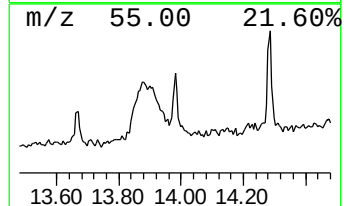
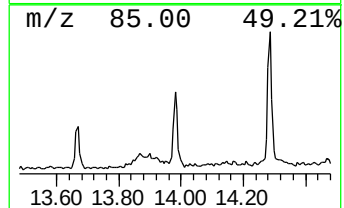
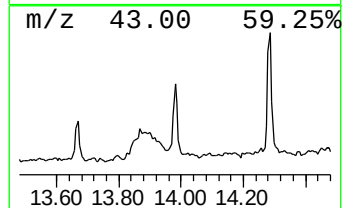
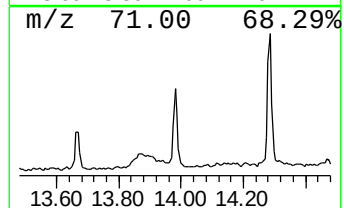
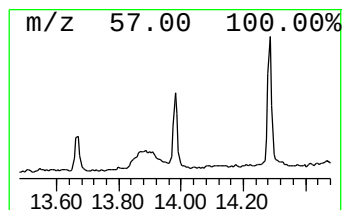
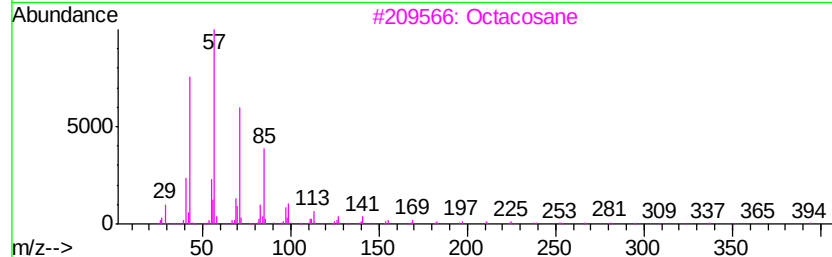
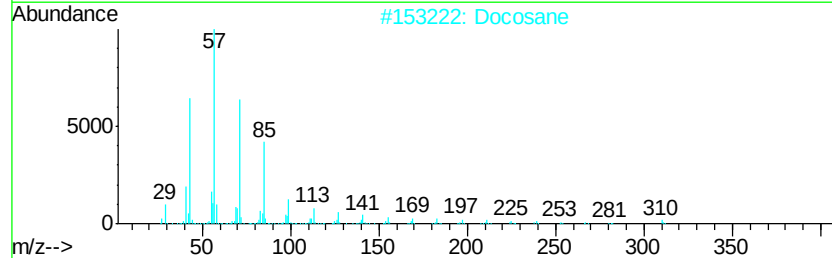
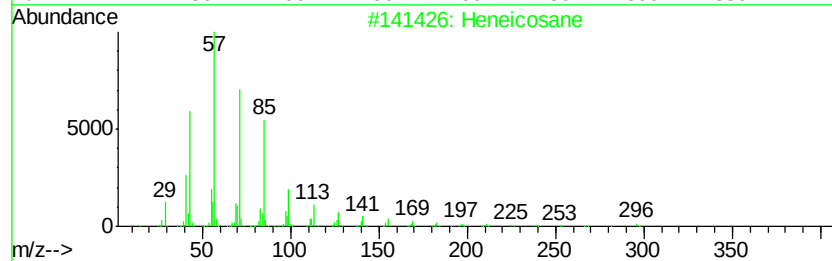
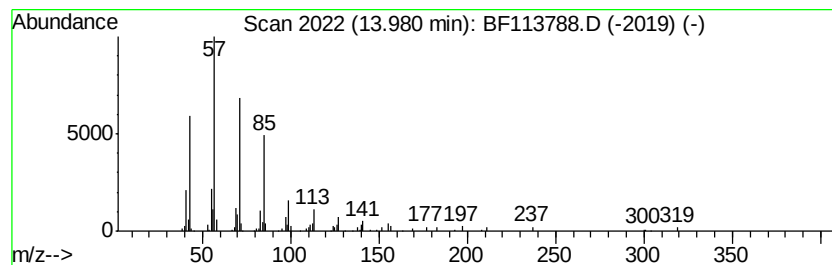
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 Peak Number 5 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.23 ng	94893	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Docosane		310	C22H46	000629-97-0	91
3	Octacosane		394	C28H58	000630-02-4	91
4	triacontane		422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



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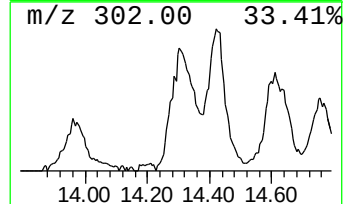
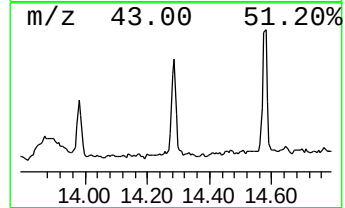
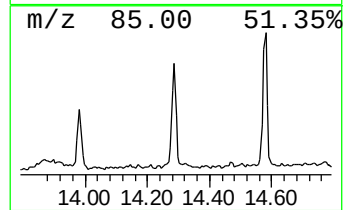
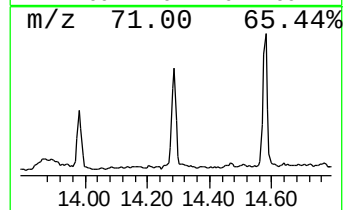
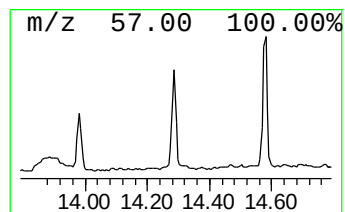
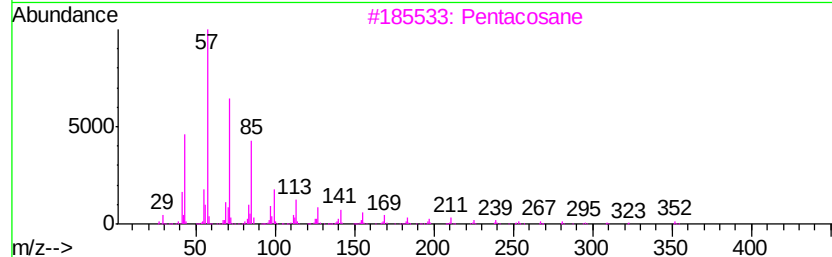
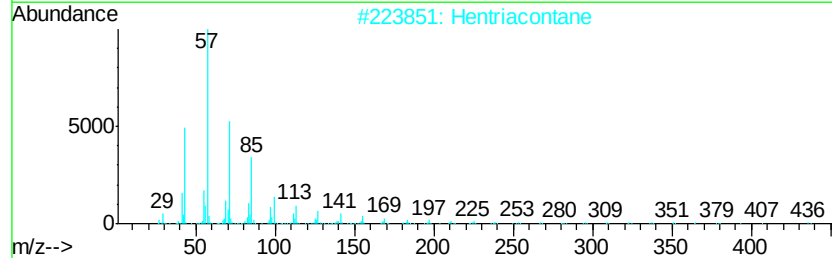
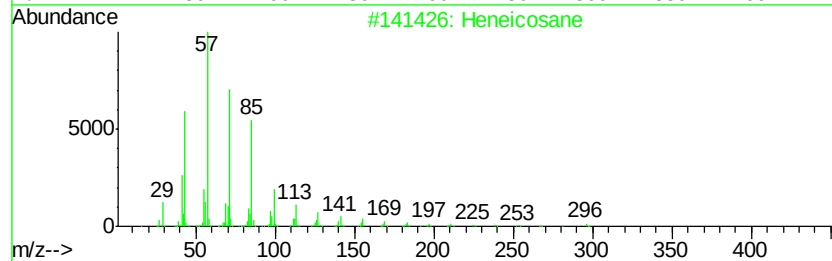
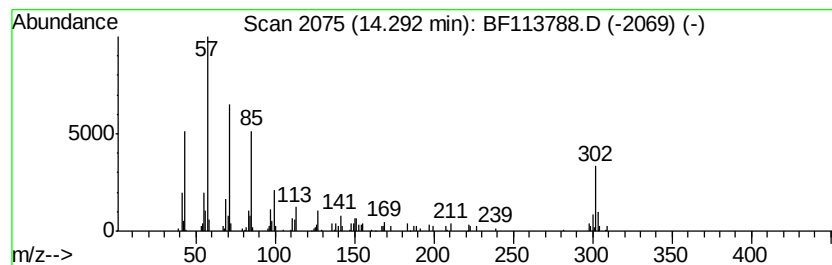
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.83 ng	162506	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Pentacosane	352	C25H52	000629-99-2	87
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83
5		Triacontane	422	C30H62	000638-68-6	80



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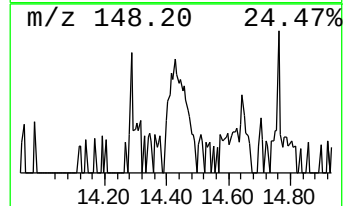
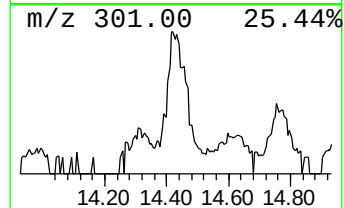
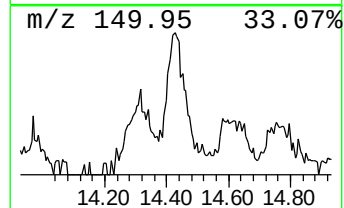
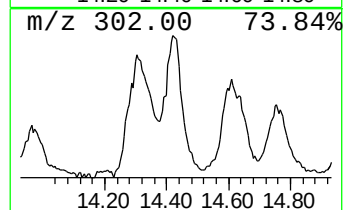
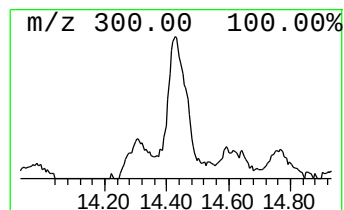
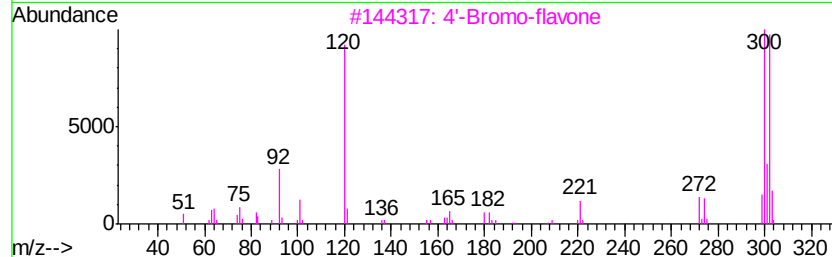
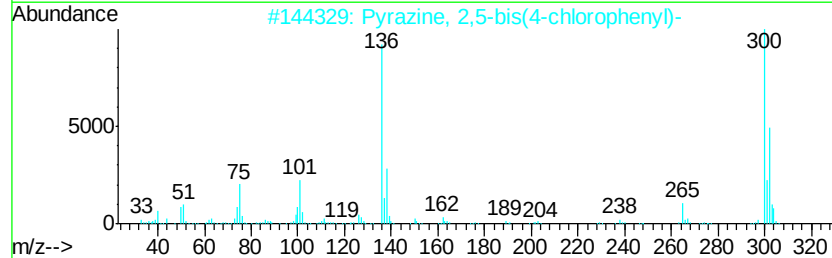
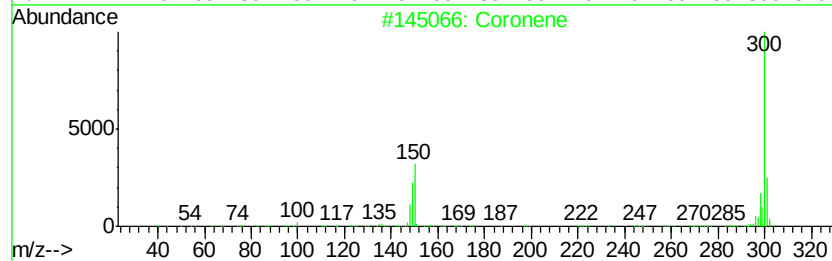
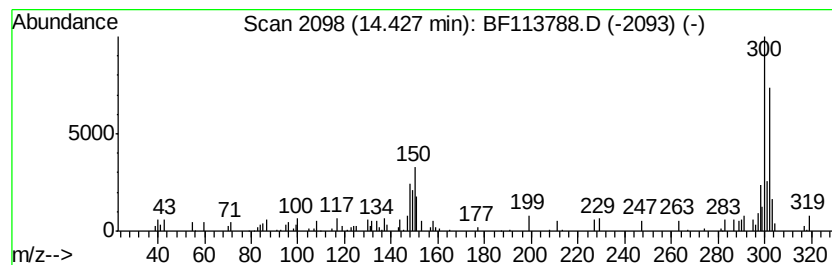
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Coronene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.37 ng	100646	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	64
2		Pyrazine, 2,5-bis(4-chlorophenyl)-	300	C16H10Cl2N2	074376-33-3	50
3		4'-Bromo-flavone	300	C15H9BrO2	020525-20-6	49
4		Benzothiophene-3-carbonitrile, 4...	300	C16H13ClN2S	069438-07-9	47
5		Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113788.D
Acq On : 16 Apr 2019 12:33
Operator : JU/SJ
Sample : K2423-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4-A

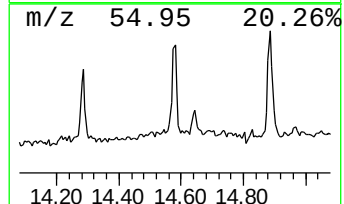
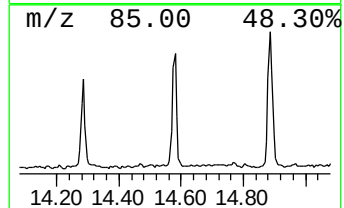
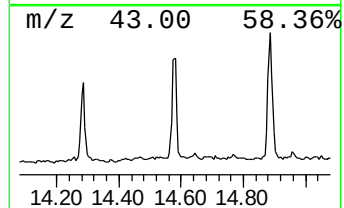
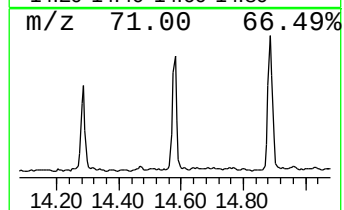
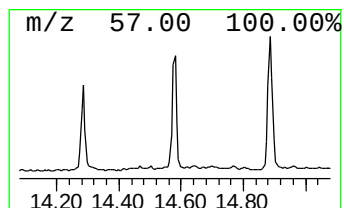
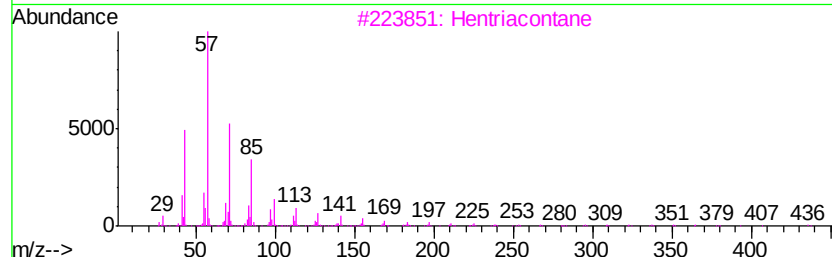
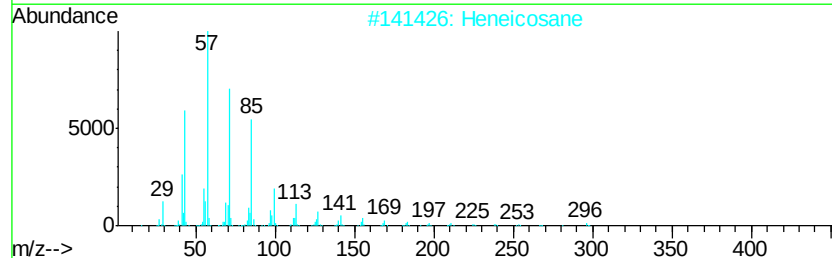
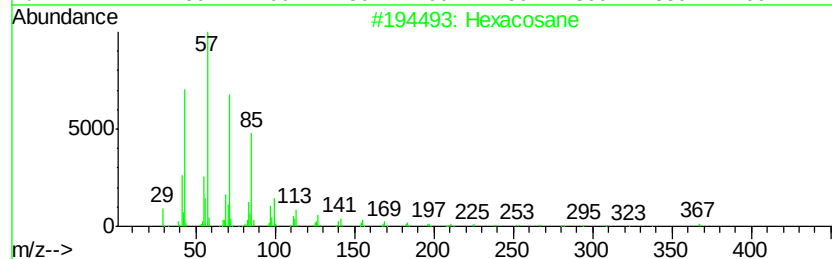
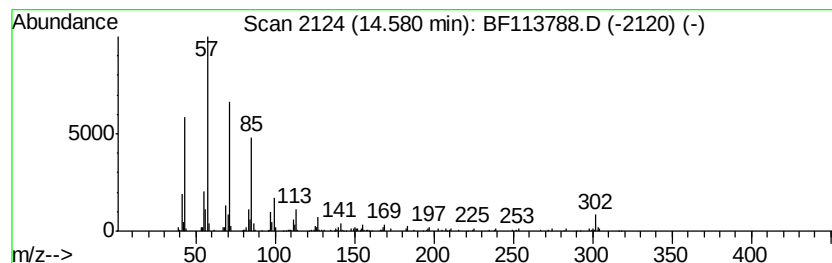
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.93 ng	218827	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
5		Docosane	310	C22H46	000629-97-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
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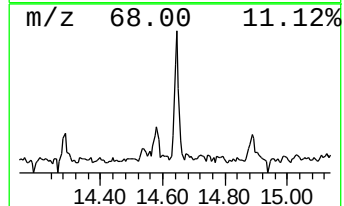
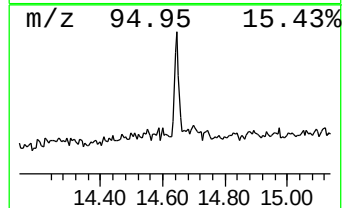
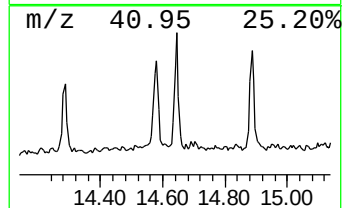
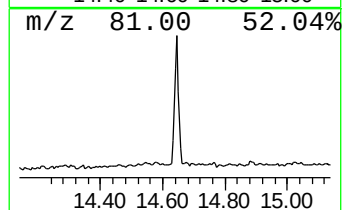
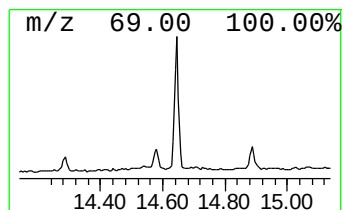
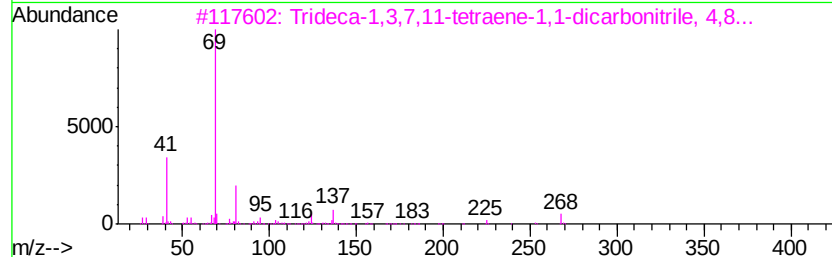
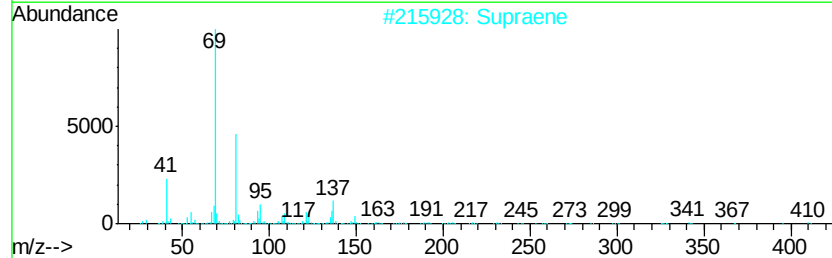
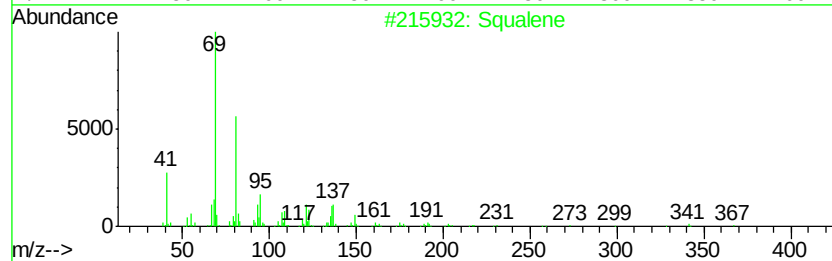
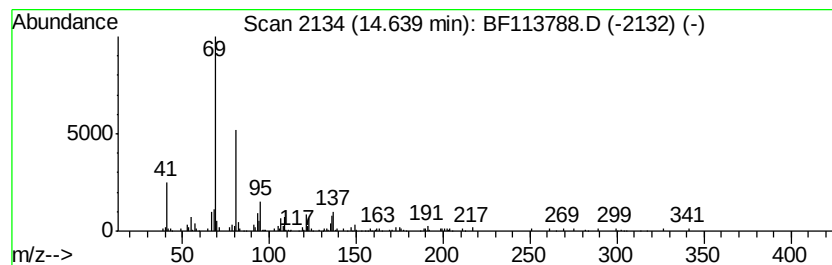
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.77 ng	154247	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	94
2		Supraene	410	C30H50	007683-64-9	91
3		Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	53
4		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
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 Acq On : 16 Apr 2019 12:33
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 Sample : K2423-13
 Misc :
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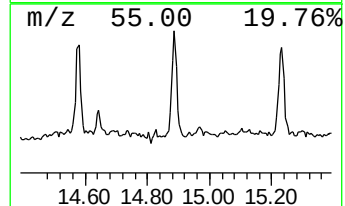
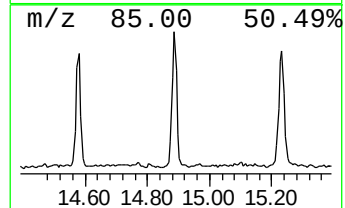
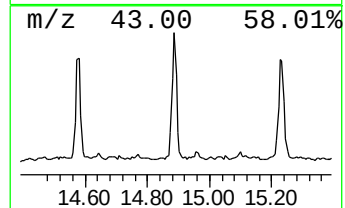
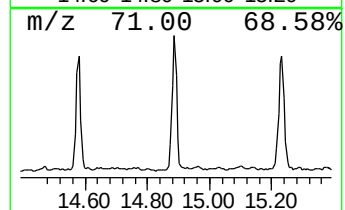
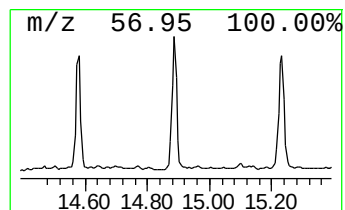
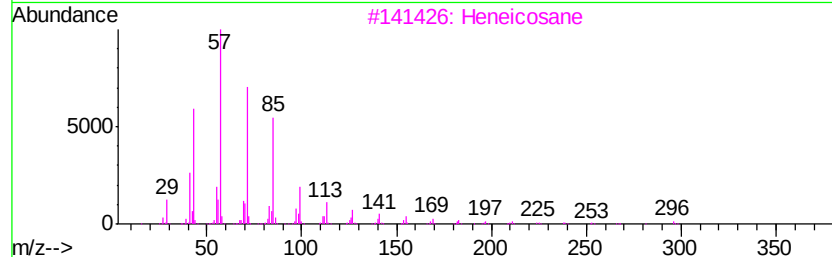
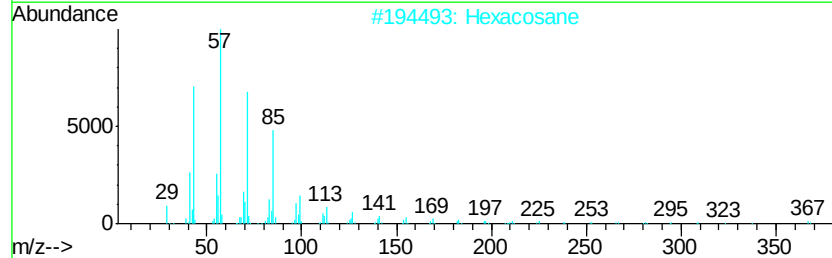
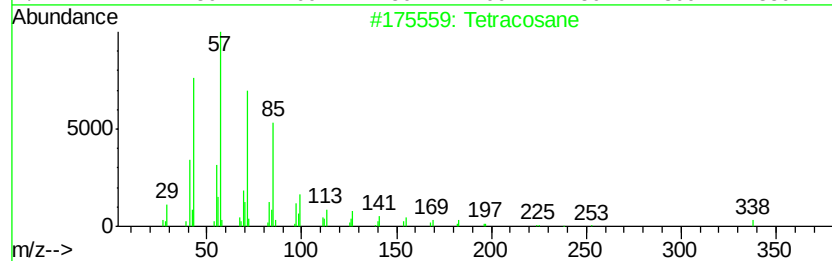
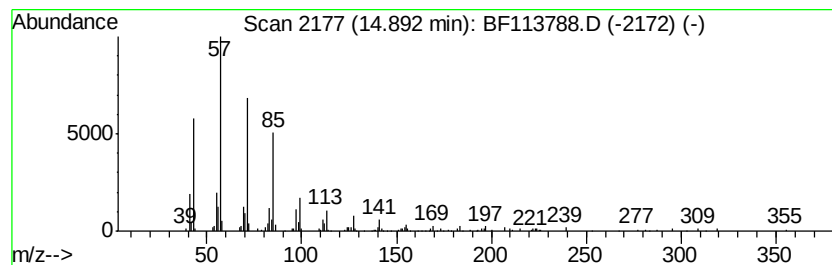
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	4.38 ng	244049	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	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	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113788.D
Acq On : 16 Apr 2019 12:33
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Sample : K2423-13
Misc :
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ClientSampleId :
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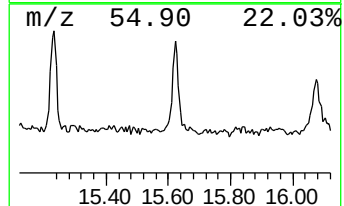
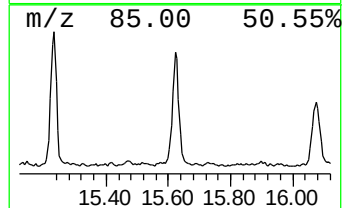
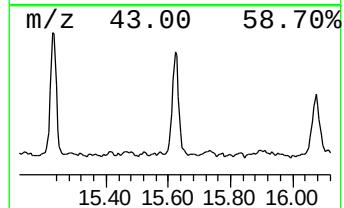
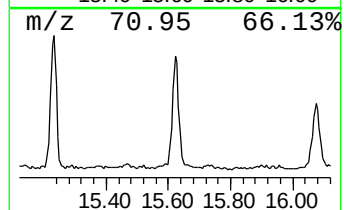
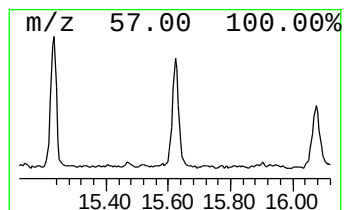
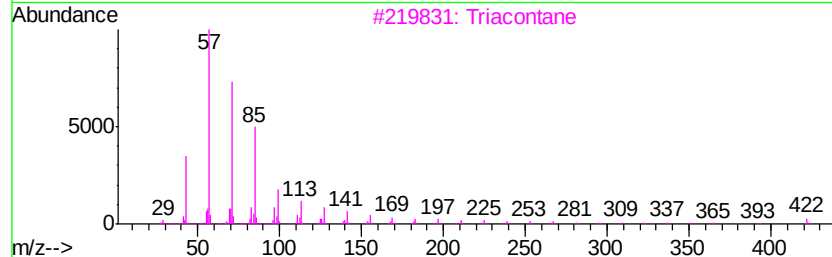
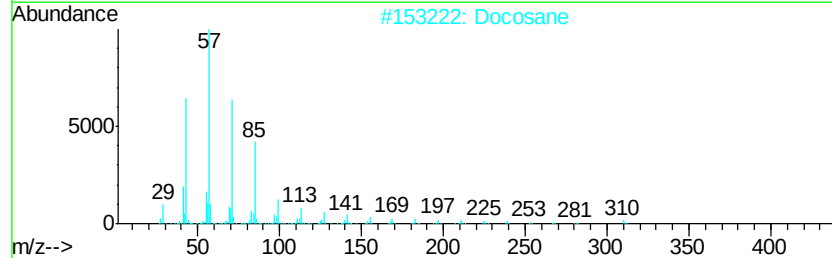
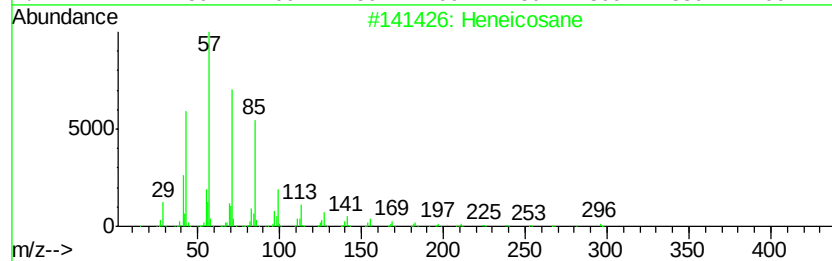
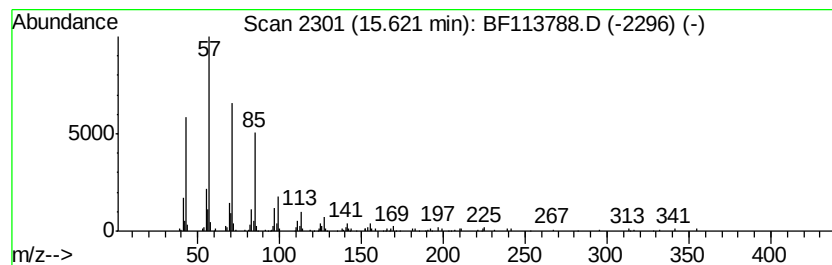
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	5.20 ng	289530	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Docosane	310	C22H46	000629-97-0	87
3		Triacontane	422	C30H62	000638-68-6	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113788.D
Acq On : 16 Apr 2019 12:33
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Sample : K2423-13
Misc :
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Instrument :
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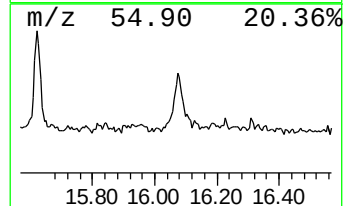
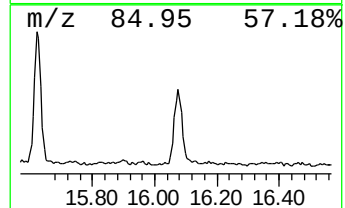
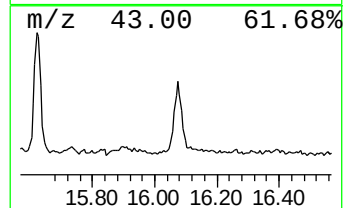
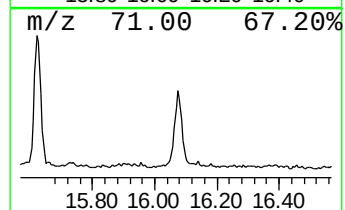
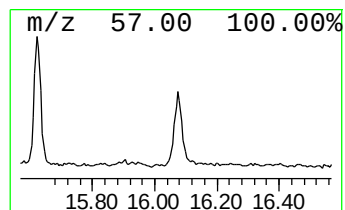
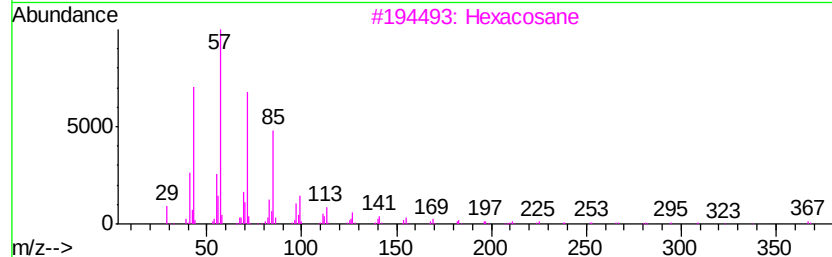
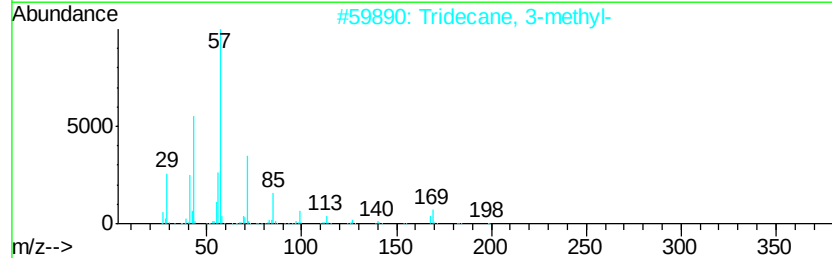
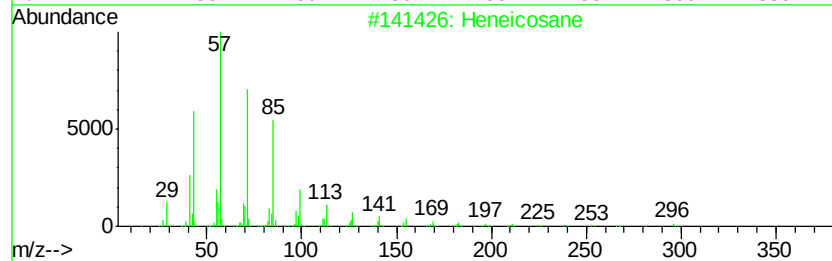
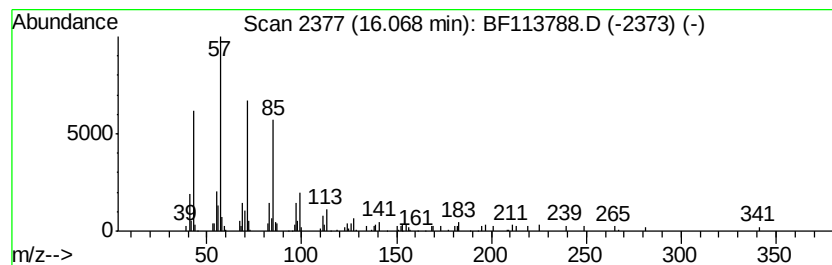
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.17 ng	176397	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
3		Hexacosane	366	C26H54	000630-01-3	83
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113788.D
Acq On : 16 Apr 2019 12:33
Operator : JU/SJ
Sample : K2423-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic acid	11.73	5.8	ng	208018	4	11.19	721832	20.0
Octadecanoic acid	12.50	10.1	ng	363421	4	11.19	721832	20.0
Heneicosane	13.98	2.2	ng	94893	5	13.83	849568	20.0
Hentriacontane	14.29	3.8	ng	162506	5	13.83	849568	20.0
Coronene	14.43	2.4	ng	100646	5	13.83	849568	20.0
Hexacosane	14.58	3.9	ng	218827	6	15.24	1113250	20.0
Squalene	14.64	2.8	ng	154247	6	15.24	1113250	20.0
Tetracosane	14.89	4.4	ng	244049	6	15.24	1113250	20.0
Docosane	15.62	5.2	ng	289530	6	15.24	1113250	20.0
Tridecane, 3-methyl-	16.07	3.2	ng	176397	6	15.24	1113250	20.0