

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113165.D
 Acq On : 20 Mar 2019 12:22
 Operator : JU/SJ
 Sample : K1971-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(6-7)-031519

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-BF022719.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	5.340	548	553	556	rBV	3130868	3084870	83.54%	9.050%
2	6.369	723	728	736	rBV	2981605	3346465	90.62%	9.817%
3	6.492	744	749	752	rBV	3375723	3173285	85.93%	9.309%
4	6.557	757	760	771	rVB2	29067	44955	1.22%	0.132%
5	6.716	784	787	791	rBV	652973	589473	15.96%	1.729%
6	6.875	810	814	818	rBV	2429301	2219305	60.10%	6.511%
7	7.281	878	883	886	rBV	1982702	1866516	50.54%	5.476%
8	7.998	1001	1005	1018	rBV	750843	757100	20.50%	2.221%
9	9.081	1184	1189	1192	rBV	3472682	3382449	91.60%	9.923%
10	9.469	1252	1255	1262	rBV	339865	285007	7.72%	0.836%
11	9.751	1298	1303	1308	rBV	1112065	976107	26.43%	2.863%
12	10.539	1432	1437	1451	rBV	2818273	2759677	74.73%	8.096%
13	11.233	1551	1555	1557	rBV	1056289	1038945	28.13%	3.048%
14	11.251	1557	1558	1562	rVB	107442	73436	1.99%	0.215%
15	11.469	1592	1595	1602	rBV4	56222	93957	2.54%	0.276%
16	11.769	1641	1646	1656	rBV	659050	781583	21.17%	2.293%
17	12.286	1730	1734	1745	rBV2	220589	337719	9.15%	0.991%
18	12.439	1757	1760	1763	rBV	123033	110178	2.98%	0.323%
19	12.480	1763	1767	1770	rVV3	67992	74500	2.02%	0.219%
20	12.551	1774	1779	1790	rBV	316521	445990	12.08%	1.308%
21	12.663	1793	1798	1801	rVB	104324	109427	2.96%	0.321%
22	12.816	1819	1824	1827	rBV	3931634	3692800	100.00%	10.833%
23	13.057	1859	1865	1868	rBV4	28490	49372	1.34%	0.145%
24	13.192	1884	1888	1896	rBV3	87357	164370	4.45%	0.482%
25	13.498	1934	1940	1942	rBV6	32376	54690	1.48%	0.160%
26	13.716	1973	1977	1984	rBV	311348	427375	11.57%	1.254%
27	13.857	1996	2001	2004	rBV	1152490	1248439	33.81%	3.662%
28	14.033	2028	2031	2037	rBV	79857	84571	2.29%	0.248%
29	14.339	2080	2083	2091	rVB	170156	221936	6.01%	0.651%
30	14.633	2129	2133	2141	rVB	255401	271309	7.35%	0.796%
31	14.704	2142	2145	2148	rVB	40957	41921	1.14%	0.123%
32	14.868	2171	2173	2179	rBV	53849	74547	2.02%	0.219%
33	14.951	2183	2187	2197	rVB	291467	355387	9.62%	1.043%
34	15.204	2228	2230	2234	rVB	40220	40096	1.09%	0.118%

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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 >
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35	15.268	2236	2241	2244	rBV	729975	886569	24.01%	2.601%
36	15.304	2244	2247	2253	rVB	265220	338608	9.17%	0.993%
37	15.704	2310	2315	2321	rBV	216802	319211	8.64%	0.936%
38	16.168	2389	2394	2400	rVB	104761	174754	4.73%	0.513%
39	16.709	2482	2486	2493	rVB2	43586	91046	2.47%	0.267%

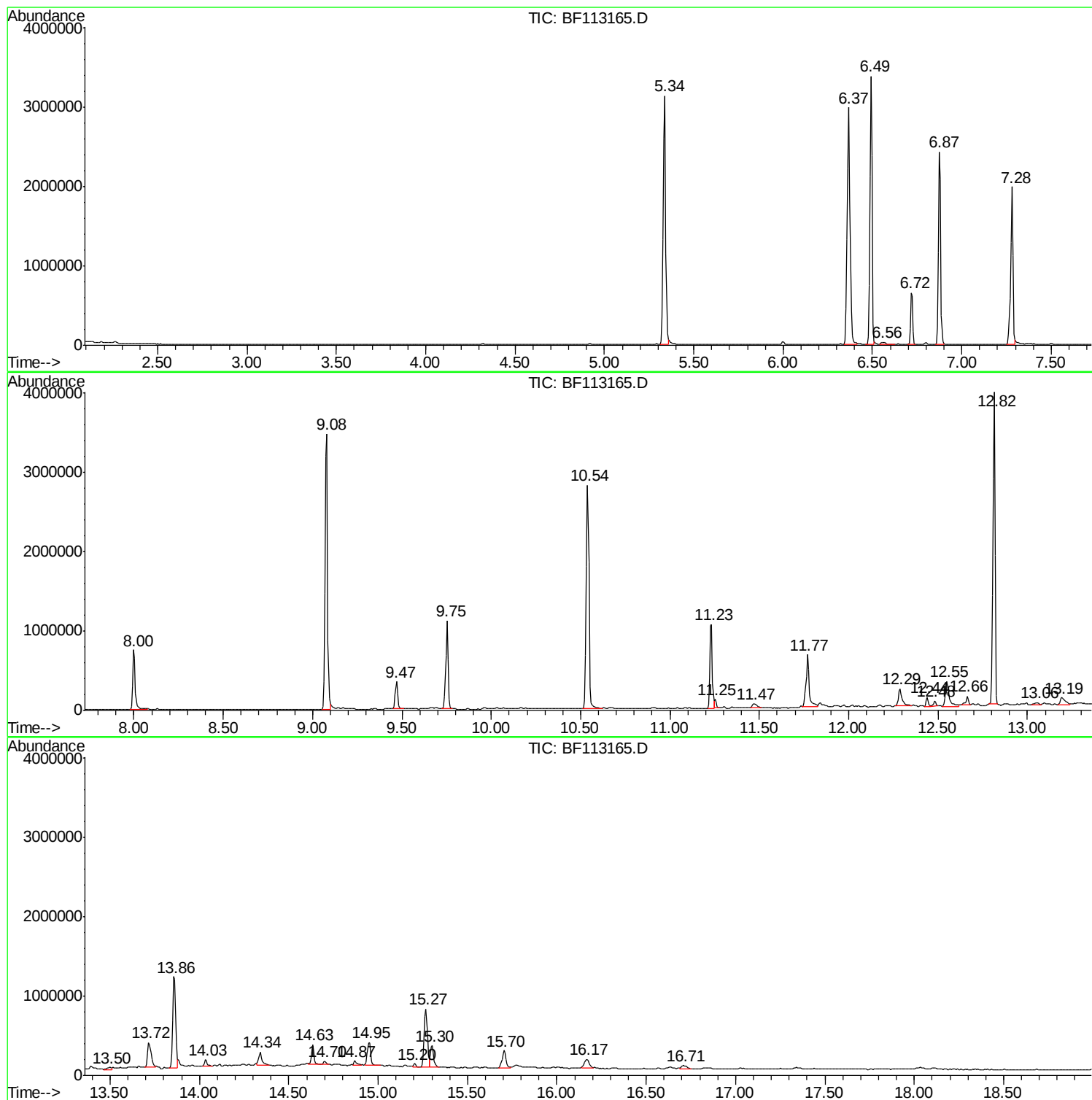
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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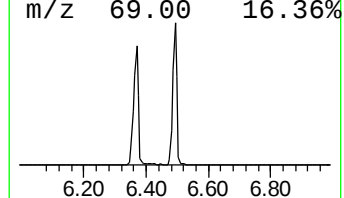
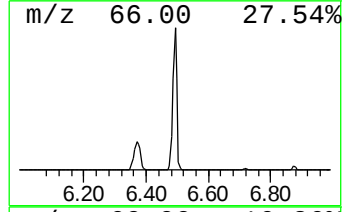
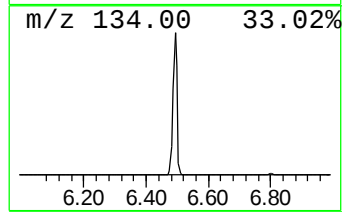
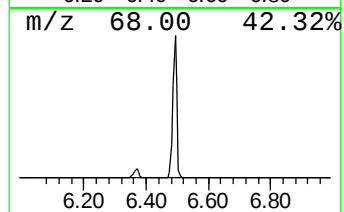
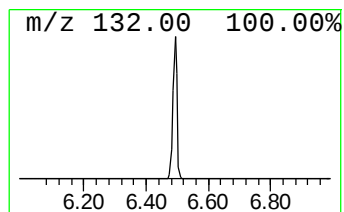
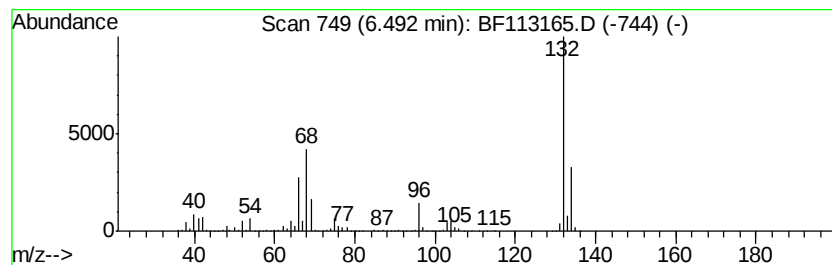
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	107.67 ng	3173290	1,4-Dichlorobenzene-d4	6.72

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	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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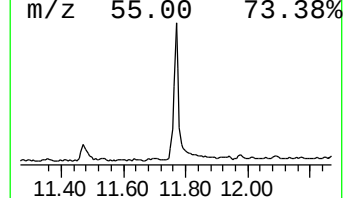
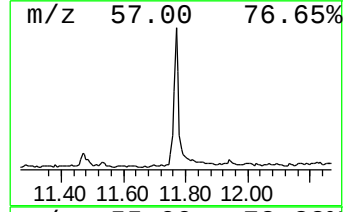
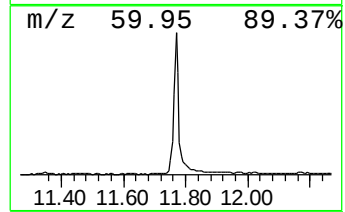
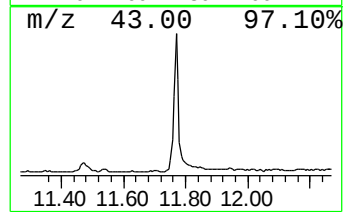
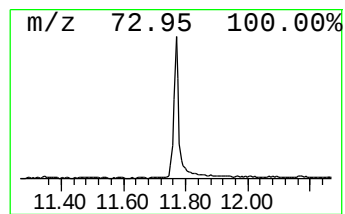
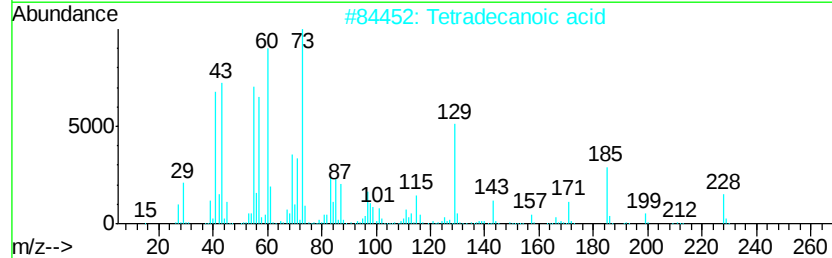
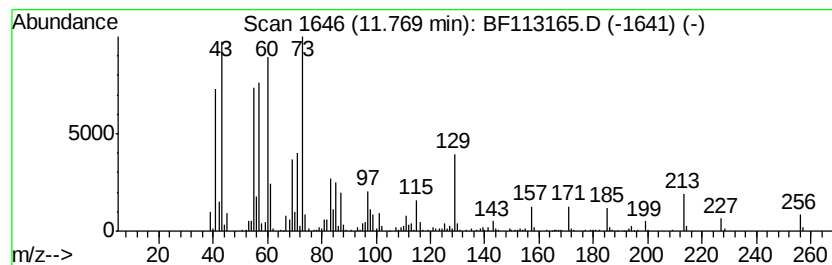
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	15.05 ng	781583	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	92
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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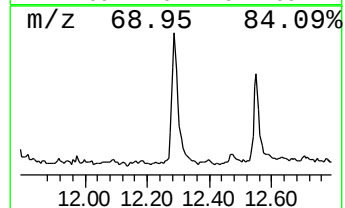
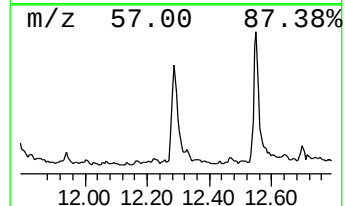
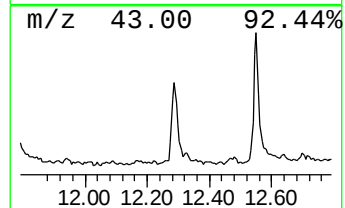
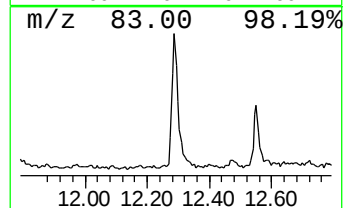
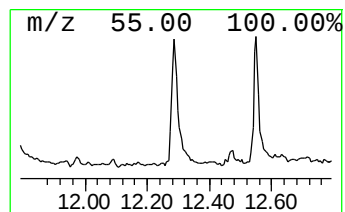
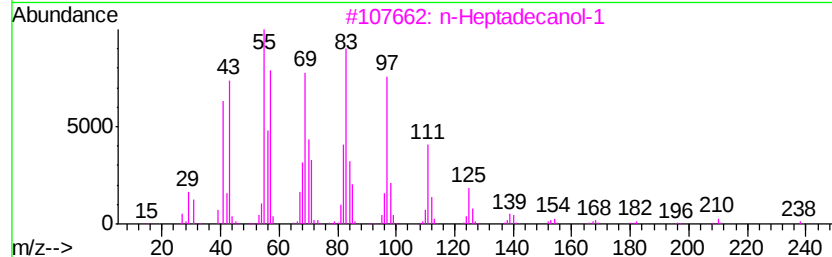
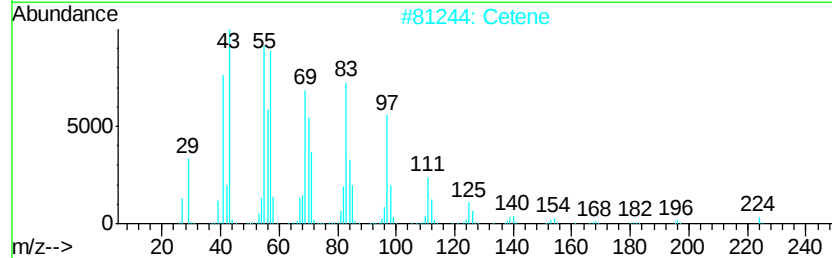
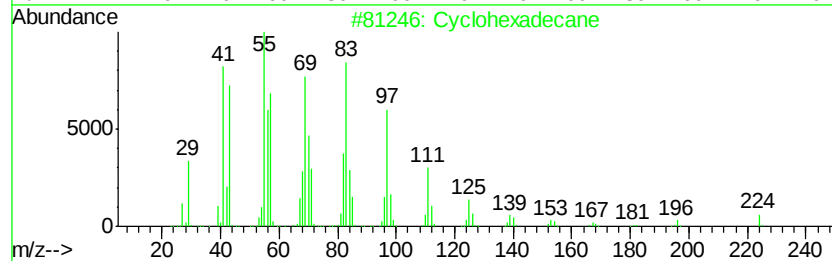
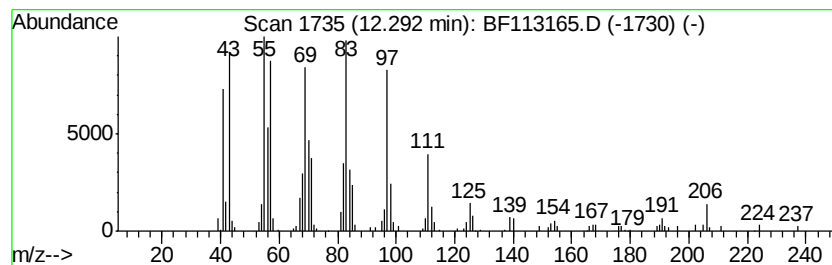
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.29	6.50 ng	337719	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Cetene	224	C16H32	000629-73-2	95
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



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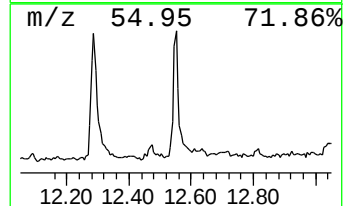
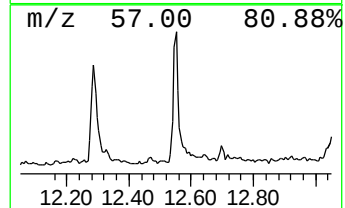
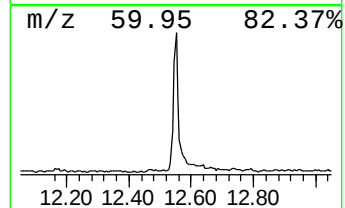
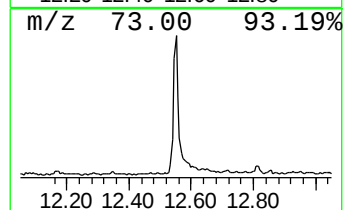
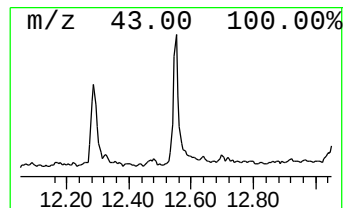
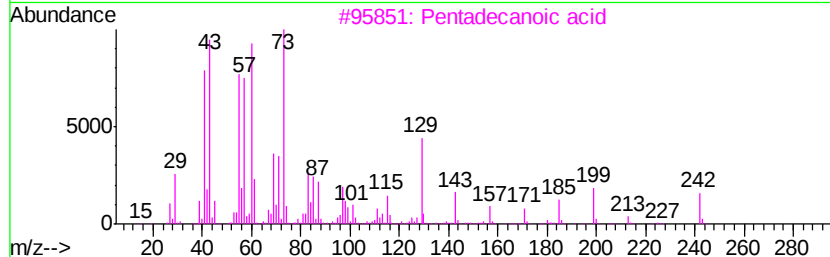
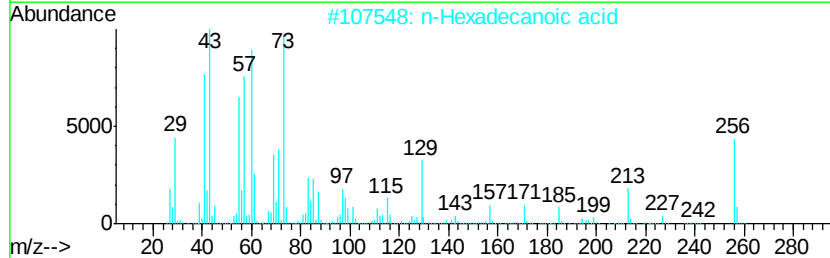
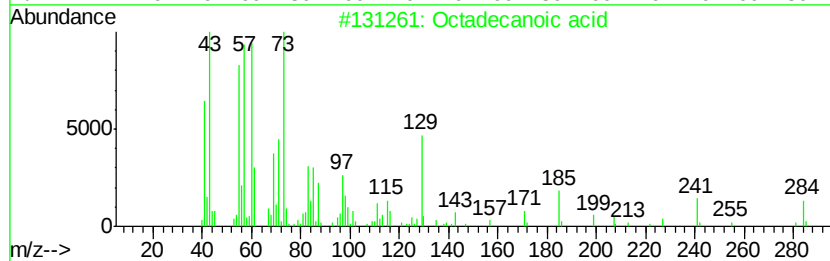
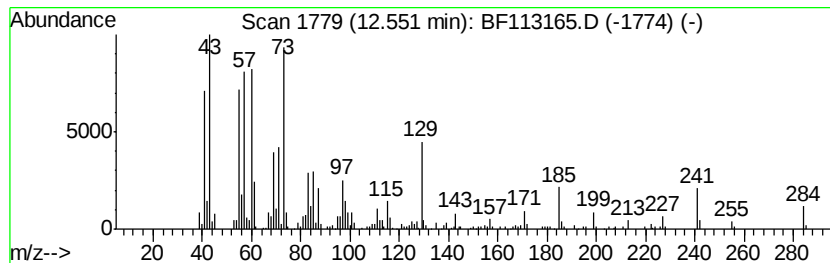
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.55	7.14 ng	445990	Chrysene-d12		13.86
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



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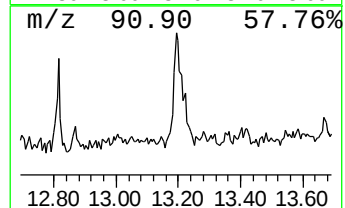
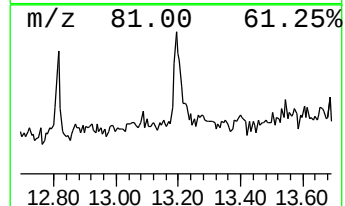
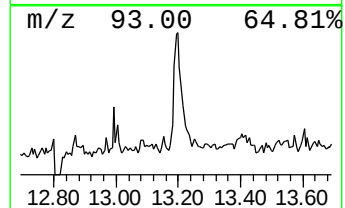
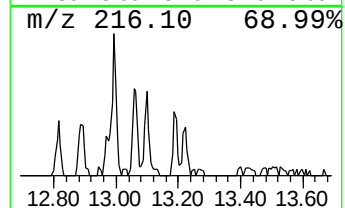
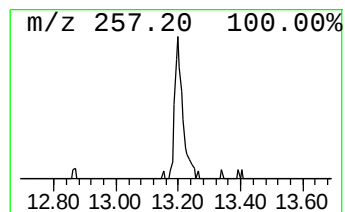
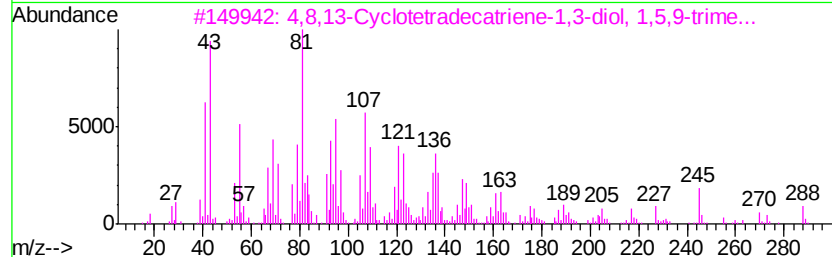
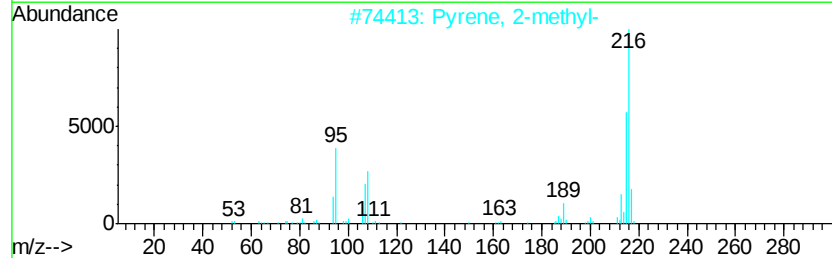
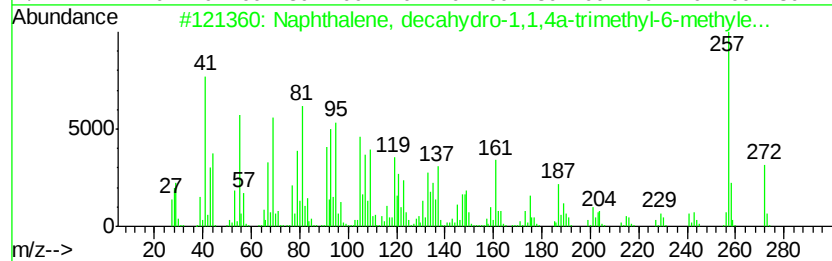
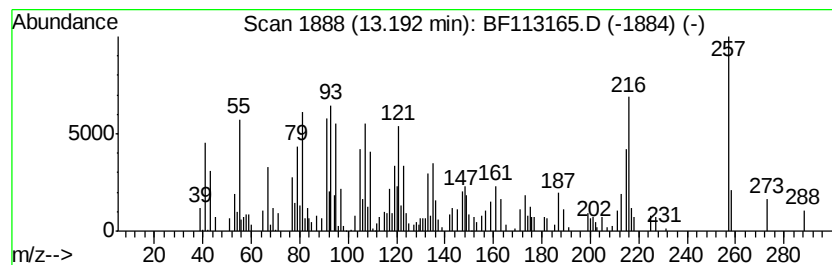
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown13.19 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.63 ng	164370	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-1,1,4a-tr...	272	C20H32	005957-33-5	47
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	45
3		4,8,13-Cyclotetradecatriene-1,3-...	306	C20H34O2	007220-78-2	30
4		19-Hydroxy-3alpha,5-cyclo-5alpha...	288	C19H28O2	1000240-61-9	22
5		Benzenamine, 3,4-dimethyl-6-(2,4...	257	C16H19NS	1000266-21-4	20



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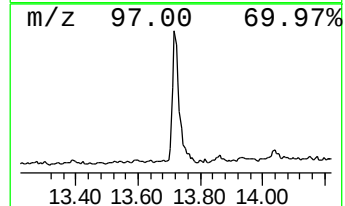
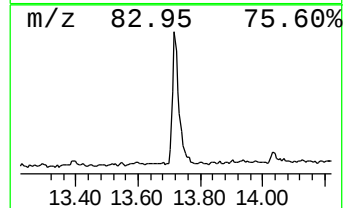
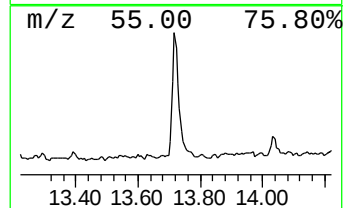
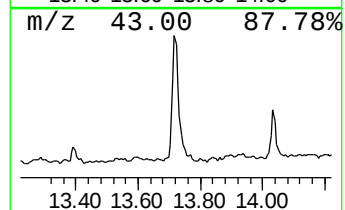
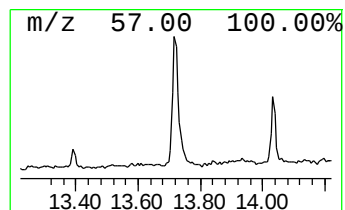
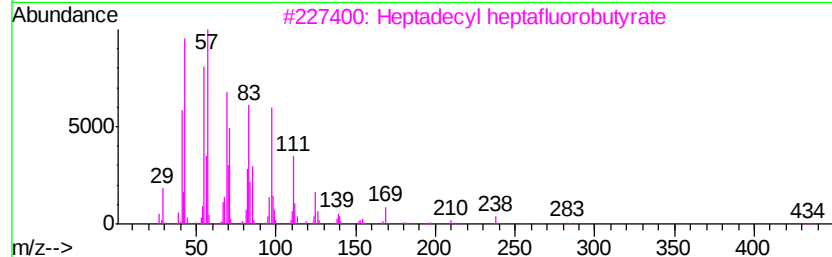
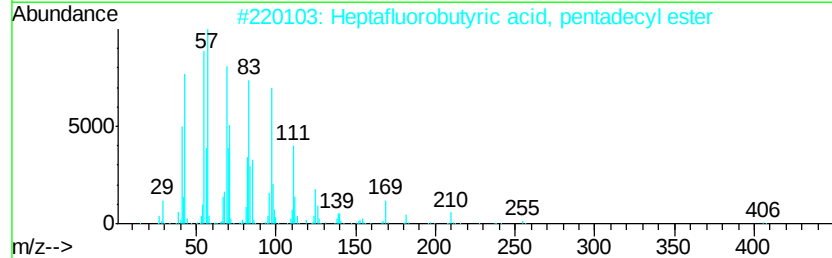
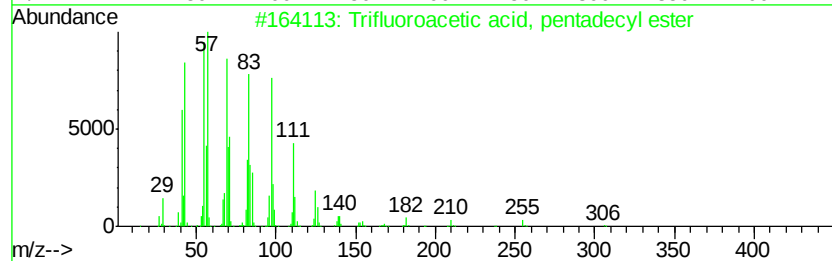
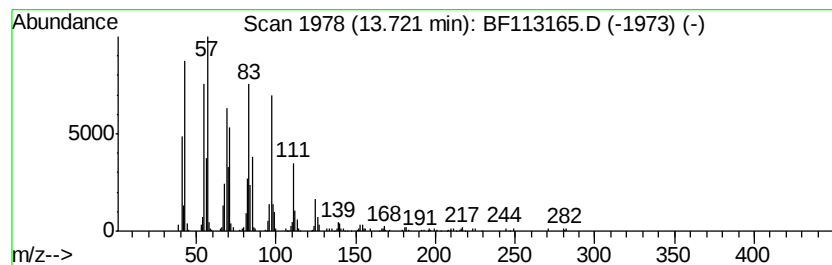
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Trifluoroacetic acid, penta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.85 ng	427375	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113165.D
Acq On : 20 Mar 2019 12:22
Operator : JU/SJ
Sample : K1971-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10(6-7)-031519

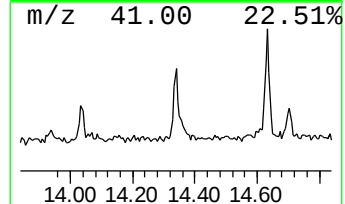
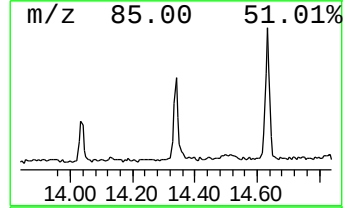
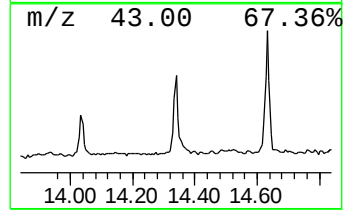
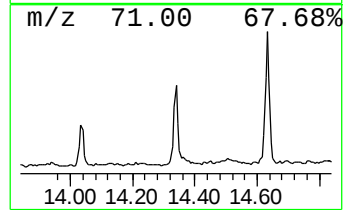
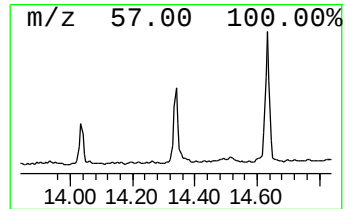
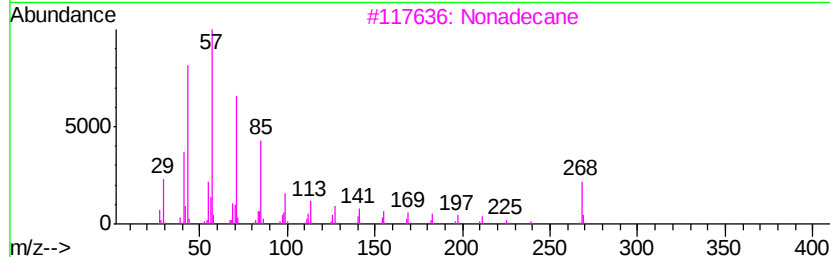
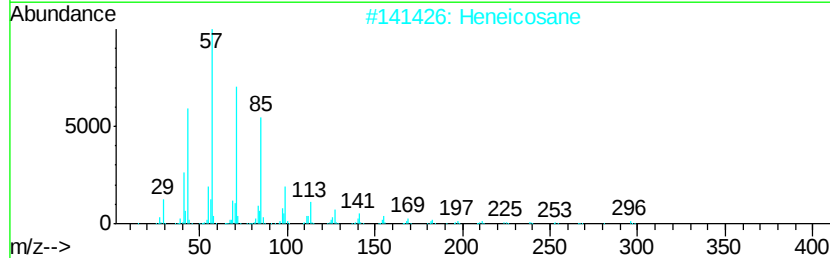
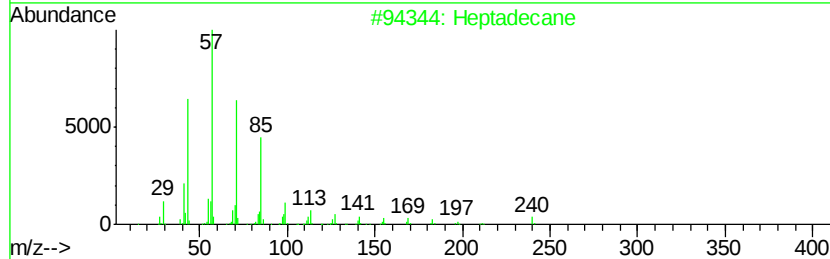
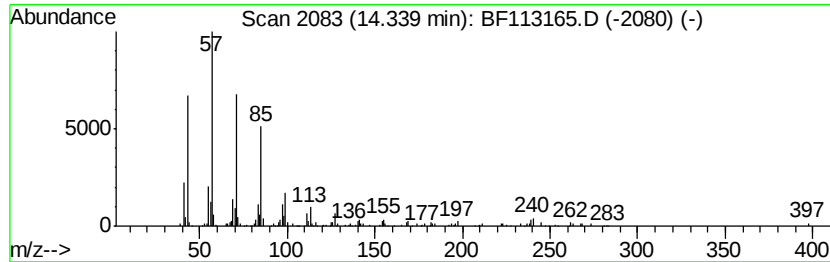
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.56 ng	221936	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Heneicosane	296	C21H44	000629-94-7	87
3		Nonadecane	268	C19H40	000629-92-5	83
4		Hexadecane	226	C16H34	000544-76-3	83
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113165.D
Acq On : 20 Mar 2019 12:22
Operator : JU/SJ
Sample : K1971-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-10(6-7)-031519

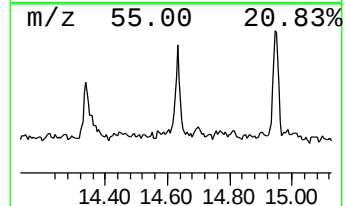
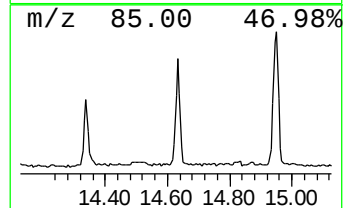
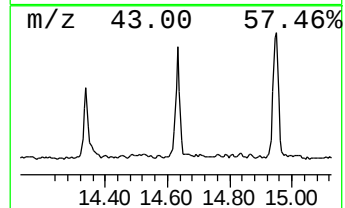
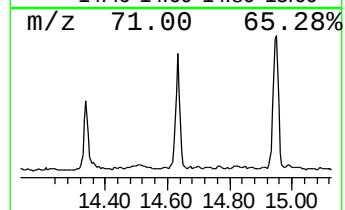
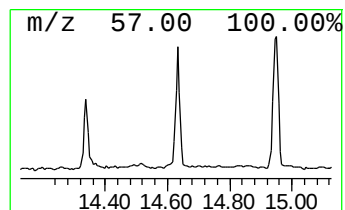
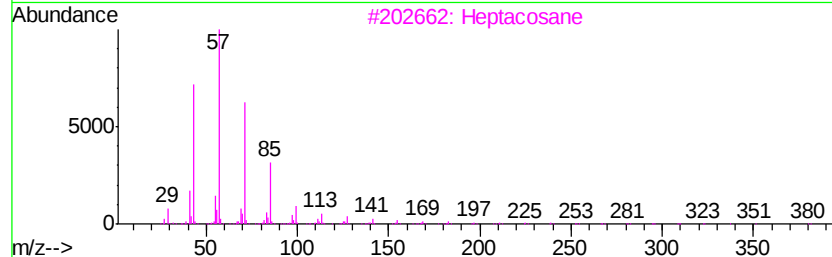
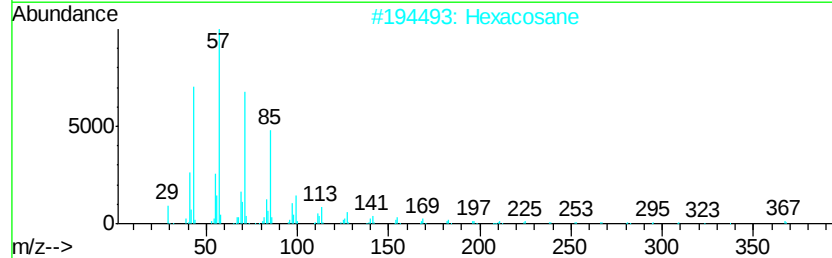
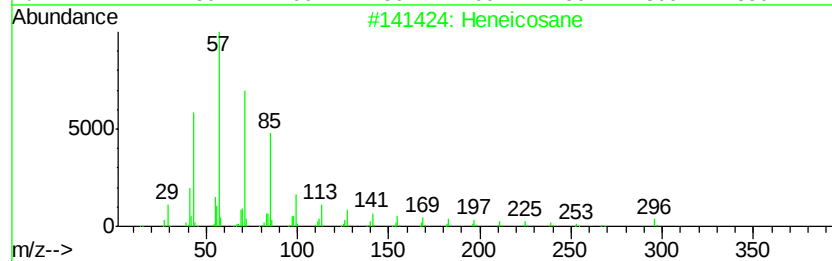
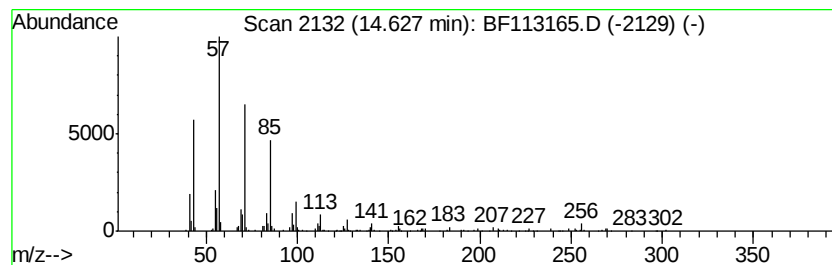
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	6.12 ng	271309	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113165.D
Acq On : 20 Mar 2019 12:22
Operator : JU/SJ
Sample : K1971-06
Misc :
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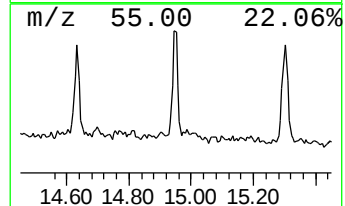
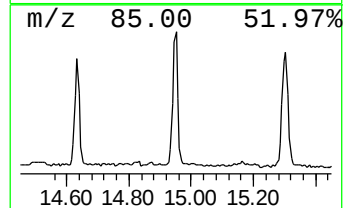
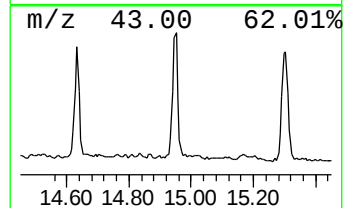
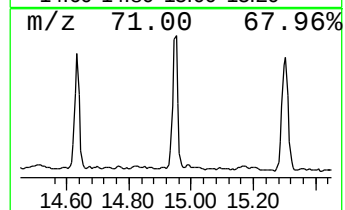
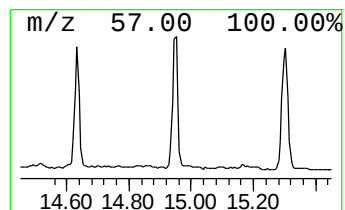
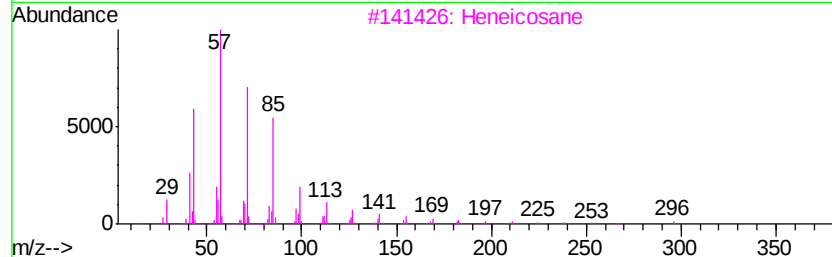
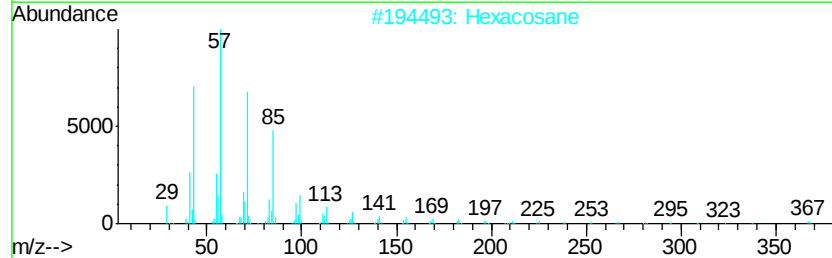
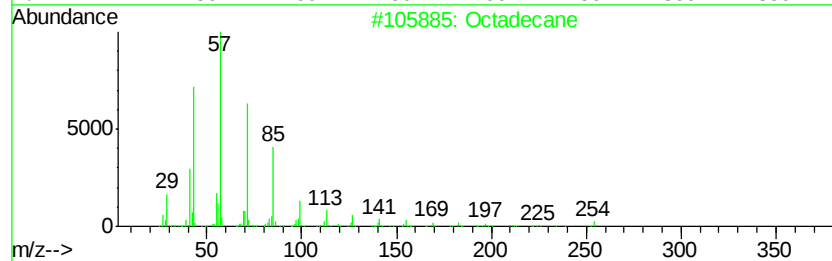
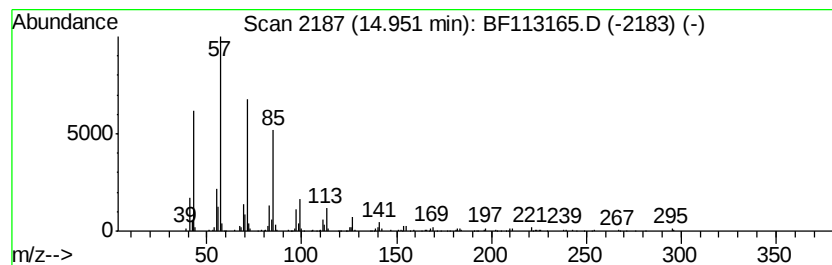
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SB-10(6-7)-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	8.02 ng	355387	Perylene-d12	15.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	94
2	Hexacosane	366 C26H54	000630-01-3	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	triacontane	422 C30H62	000638-68-6	91
5	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113165.D
Acq On : 20 Mar 2019 12:22
Operator : JU/SJ
Sample : K1971-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-10(6-7)-031519

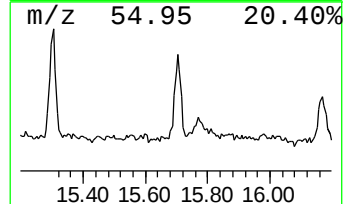
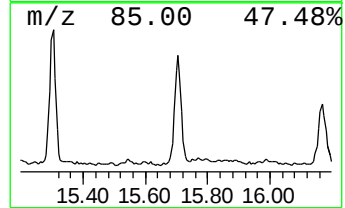
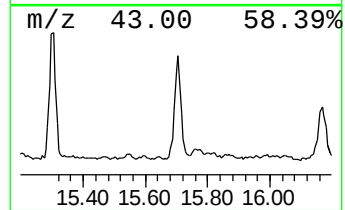
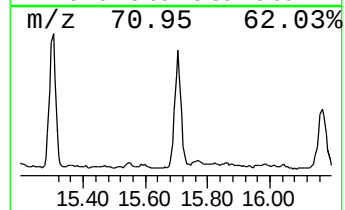
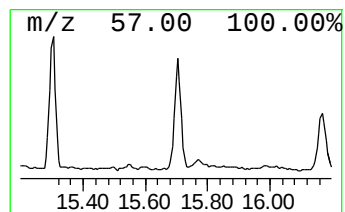
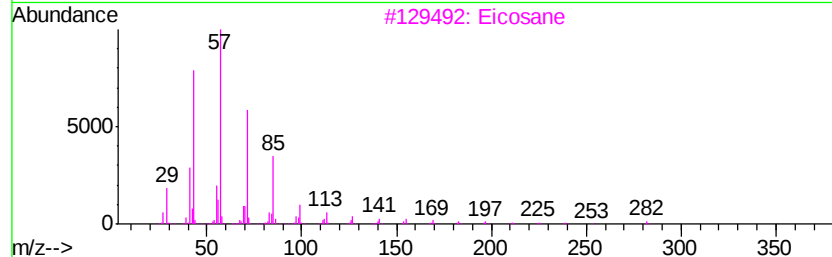
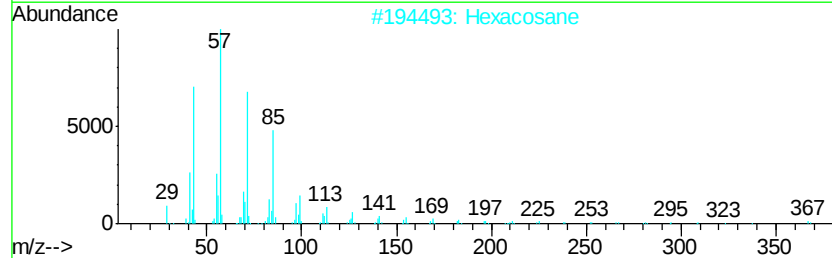
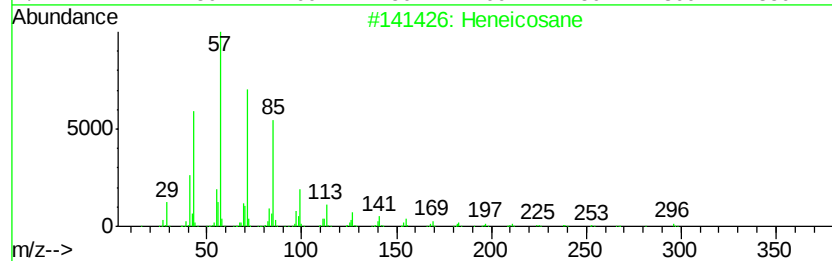
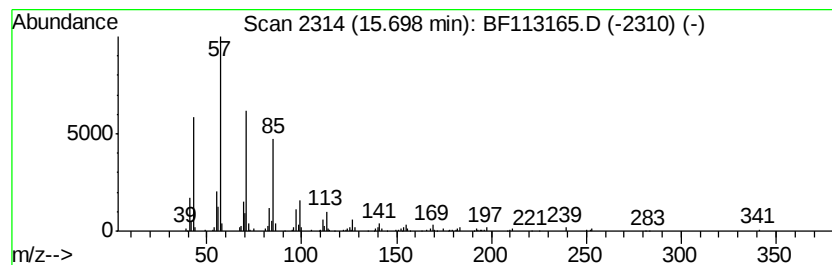
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	7.20 ng	319211	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Eicosane	282	C20H42	000112-95-8	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113165.D
Acq On : 20 Mar 2019 12:22
Operator : JU/SJ
Sample : K1971-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-10(6-7)-031519

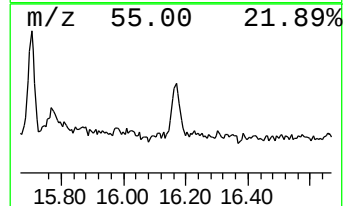
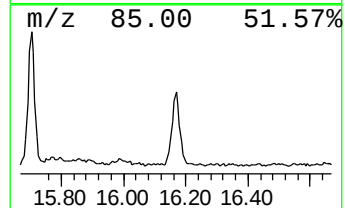
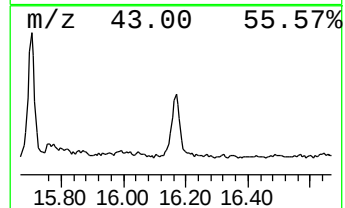
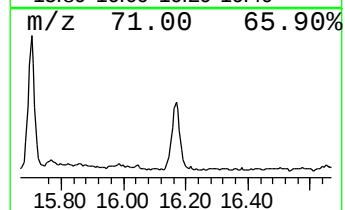
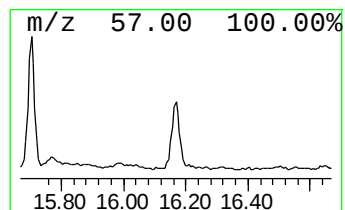
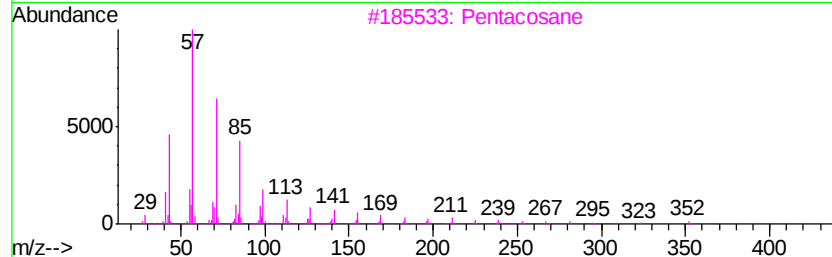
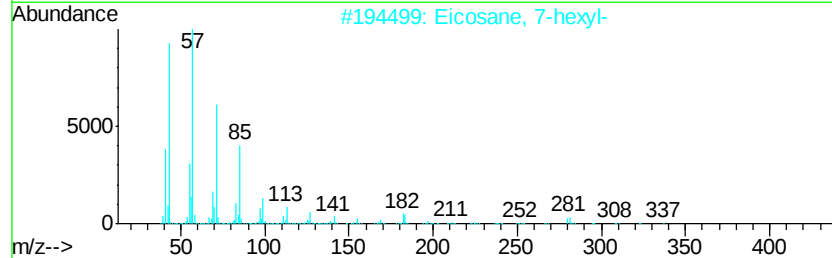
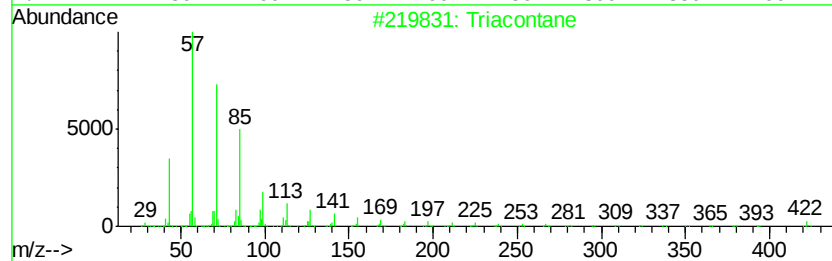
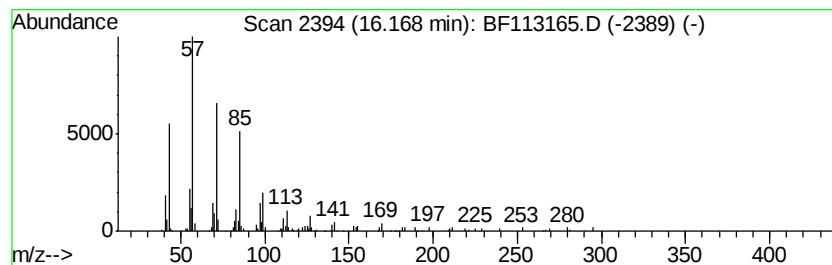
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.94 ng	174754	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3			Pentacosane	352	C25H52	000629-99-2	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5			Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113165.D
Acq On : 20 Mar 2019 12:22
Operator : JU/SJ
Sample : K1971-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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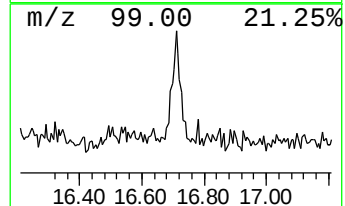
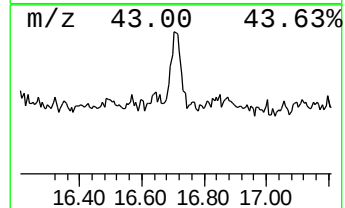
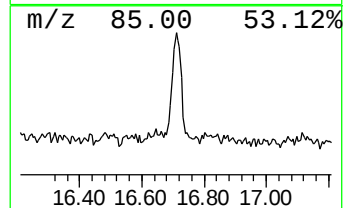
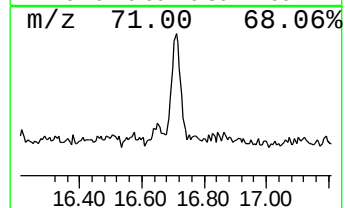
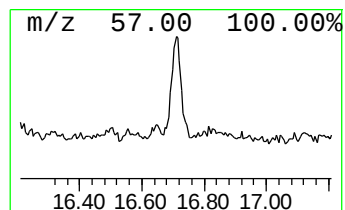
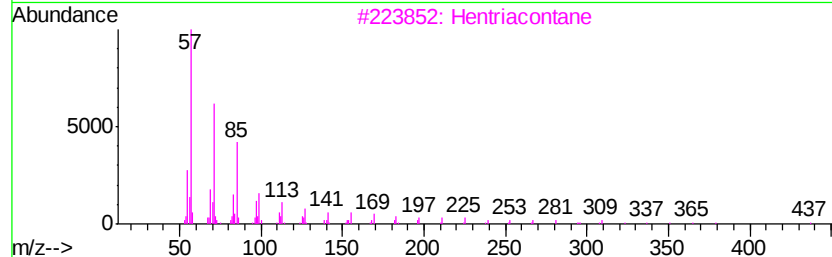
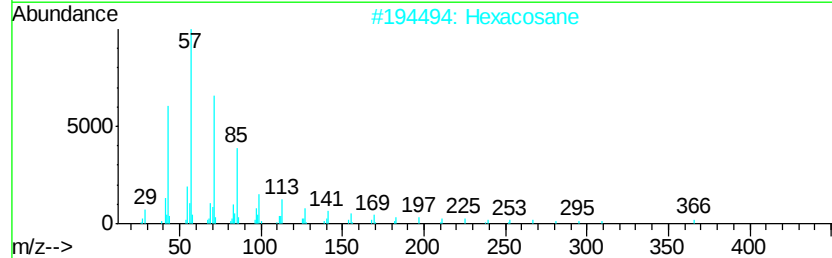
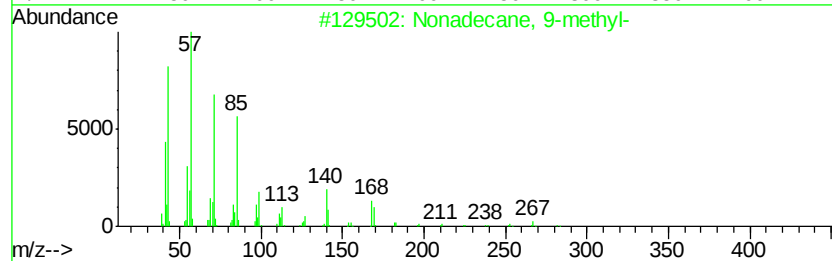
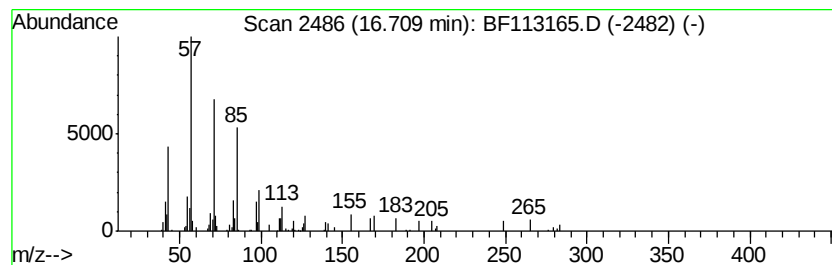
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	2.05 ng	91046	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Hexacosane	366	C26H54	000630-01-3	83
3		Hentriacontane	437	C31H64	000630-04-6	83
4		Pentacosane	352	C25H52	000629-99-2	83
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113165.D
 Acq On : 20 Mar 2019 12:22
 Operator : JU/SJ
 Sample : K1971-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(6-7)-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	107.7	ng	3173290	1	6.72	589473	20.0
n-Hexadecanoic acid	11.77	15.1	ng	781583	4	11.23	1038950	20.0
Cyclohexadecane	12.29	6.5	ng	337719	4	11.23	1038950	20.0
Octadecanoic acid	12.55	7.1	ng	445990	5	13.86	1248440	20.0
unknown13.19	13.19	2.6	ng	164370	5	13.86	1248440	20.0
Trifluoroacetic a...	13.72	6.8	ng	427375	5	13.86	1248440	20.0
Heptadecane	14.34	3.6	ng	221936	5	13.86	1248440	20.0
Heneicosane	14.63	6.1	ng	271309	6	15.27	886569	20.0
Octadecane	14.95	8.0	ng	355387	6	15.27	886569	20.0
Hexacosane	15.70	7.2	ng	319211	6	15.27	886569	20.0
Triacontane	16.17	3.9	ng	174754	6	15.27	886569	20.0
Nonadecane, 9-met...	16.71	2.0	ng	91046	6	15.27	886569	20.0