

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102419\
 Data File : BF117514.D
 Acq On : 24 Oct 2019 17:06
 Operator : JU
 Sample : K5500-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)

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-BF101819.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	4.940	483	485	495	rBV2	14163	21427	2.00%	0.212%
2	5.357	553	556	579	rBV	852107	930471	86.88%	9.187%
3	6.387	727	731	748	rBV	912641	1055904	98.59%	10.426%
4	6.510	748	752	766	rVB	1064653	1071015	100.00%	10.575%
5	6.734	786	790	800	rBV	274488	264826	24.73%	2.615%
6	6.887	812	816	828	rBV	883597	748699	69.91%	7.392%
7	7.298	882	886	902	rBV	652316	624011	58.26%	6.161%
8	8.010	1004	1007	1021	rBV	352042	349267	32.61%	3.449%
9	9.086	1186	1190	1201	rBV	1224727	1032048	96.36%	10.190%
10	9.481	1254	1257	1267	rBV	126967	107848	10.07%	1.065%
11	9.763	1301	1305	1309	rBV	495356	410747	38.35%	4.056%
12	10.557	1436	1440	1454	rBV	697972	650880	60.77%	6.427%
13	11.251	1554	1558	1561	rBV	424908	390804	36.49%	3.859%
14	11.275	1561	1562	1566	rVB	62844	38531	3.60%	0.380%
15	11.486	1594	1598	1605	rBV3	11399	21253	1.98%	0.210%
16	11.780	1645	1648	1655	rBV2	79917	81026	7.57%	0.800%
17	12.463	1761	1764	1772	rBV	102925	104246	9.73%	1.029%
18	12.563	1778	1781	1788	rBV3	11186	12545	1.17%	0.124%
19	12.692	1798	1803	1808	rBV	84657	88325	8.25%	0.872%
20	12.833	1822	1827	1830	rBV	953543	810788	75.70%	8.005%
21	13.269	1896	1901	1904	rBV7	7463	14244	1.33%	0.141%
22	13.398	1920	1923	1926	rBV3	17902	19898	1.86%	0.196%
23	13.733	1976	1980	1986	rBV2	132925	192452	17.97%	1.900%
24	13.892	2000	2007	2010	rBV	296001	319675	29.85%	3.156%
25	13.998	2023	2025	2029	rVB5	11555	12002	1.12%	0.119%
26	14.045	2029	2033	2036	rBV	32569	45225	4.22%	0.447%
27	14.351	2082	2085	2089	rBV	31655	30605	2.86%	0.302%
28	14.645	2132	2135	2138	rVB	42365	40390	3.77%	0.399%
29	14.921	2179	2182	2185	rBV	34004	46162	4.31%	0.456%
30	14.963	2186	2189	2194	rVB2	46922	56491	5.27%	0.558%
31	15.210	2228	2231	2234	rBV2	21226	24466	2.28%	0.242%
32	15.268	2238	2241	2245	rVB	26800	32145	3.00%	0.317%
33	15.327	2246	2251	2255	rBV	240215	312573	29.18%	3.086%
34	15.721	2314	2318	2323	rBV2	40935	52923	4.94%	0.523%

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Instrument :
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ClientSampleId :
802-00-(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.192	2393	2398	2402	rBV3	31415	52487	4.90%	0.518%
36	16.745	2487	2492	2498	rVB5	21893	44551	4.16%	0.440%
37	16.904	2515	2519	2523	rVB6	10694	17007	1.59%	0.168%

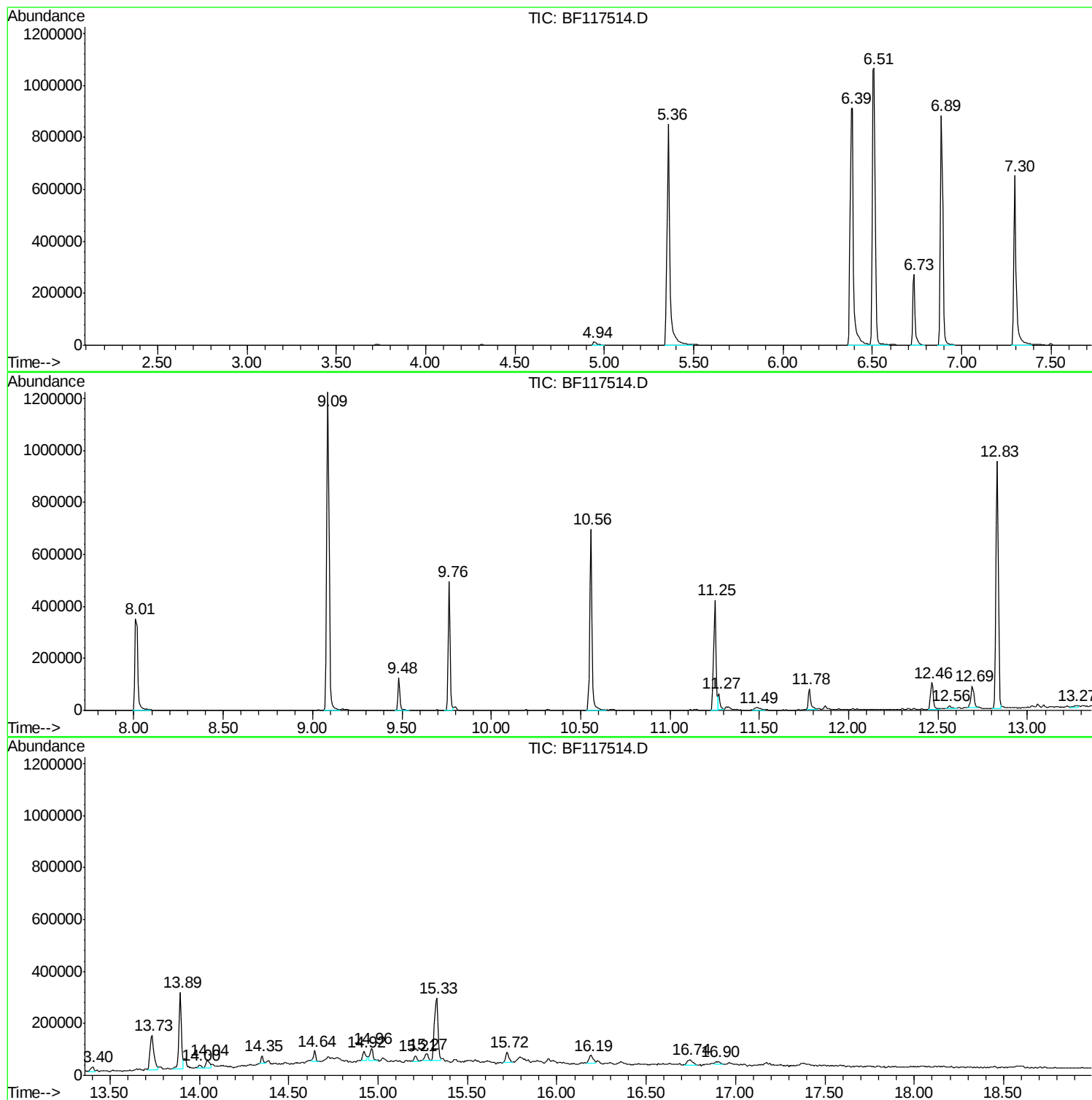
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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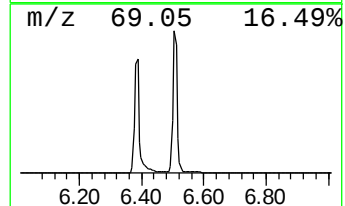
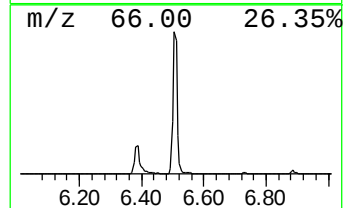
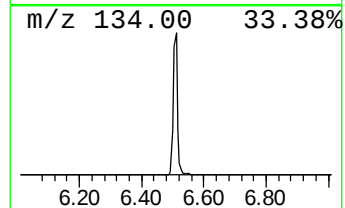
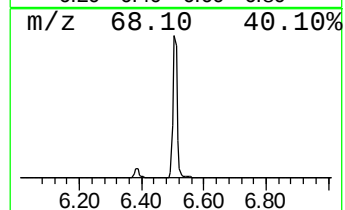
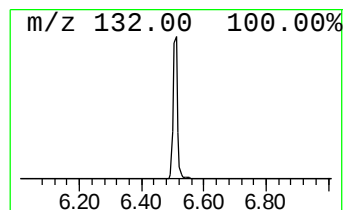
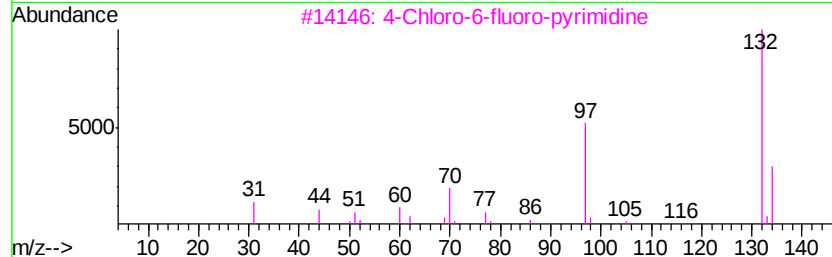
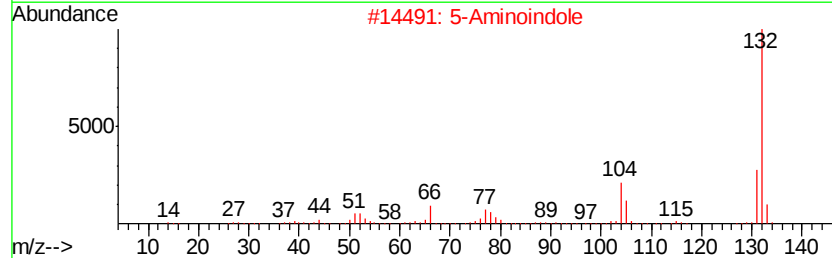
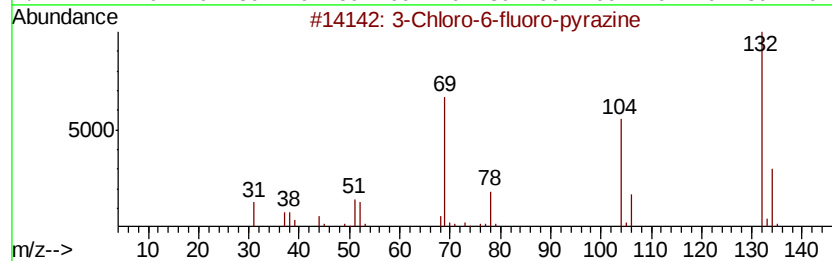
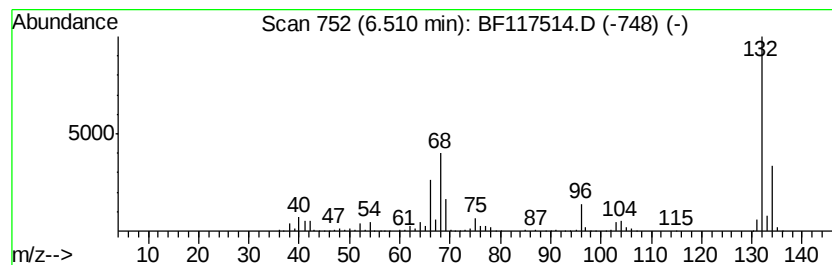
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	80.88 ng	1071020	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	22
3			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Xenon	132	Xe	007440-63-3	9



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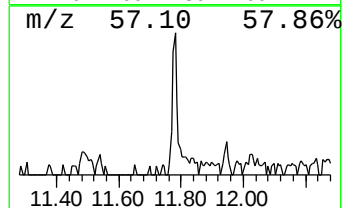
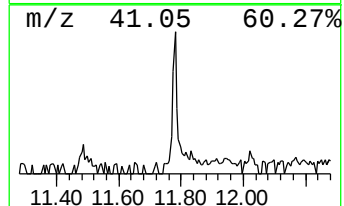
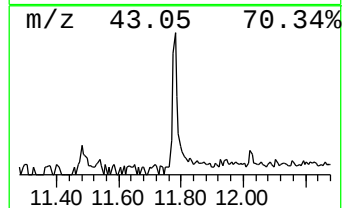
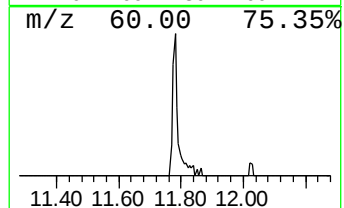
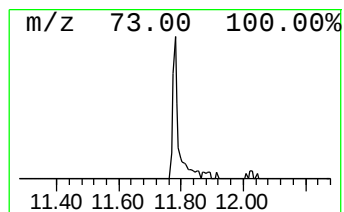
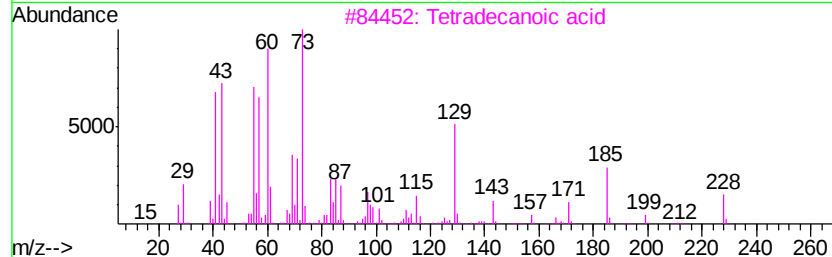
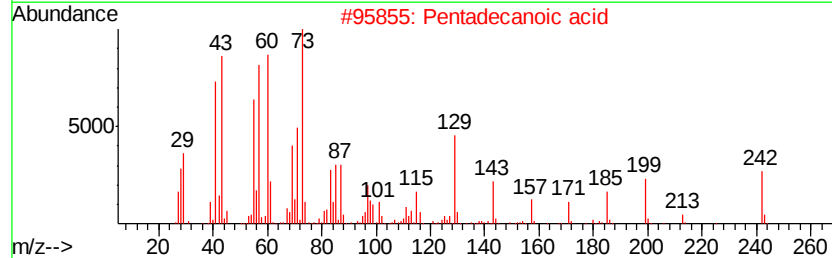
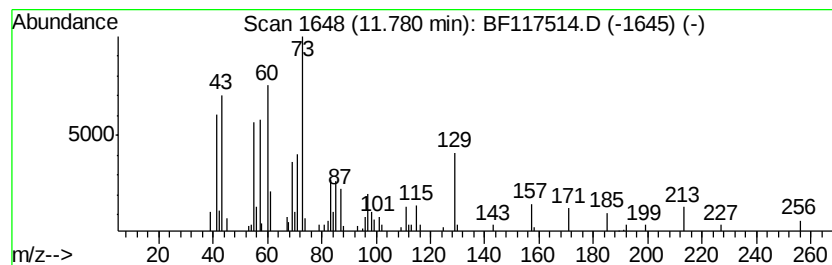
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	4.15 ng	81026	Phenanthrene-d10	11.25

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	86
4		Oxalic acid, allvl hexadecyl ester	354	C21H38O4	1000309-24-4	20
5		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	18



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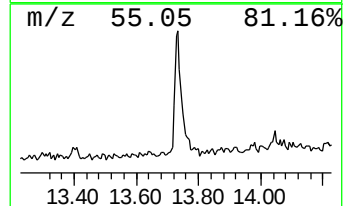
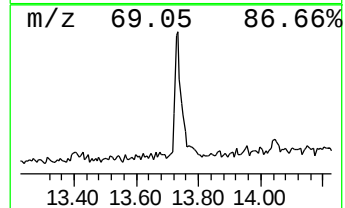
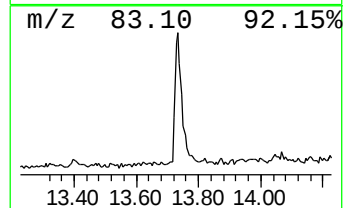
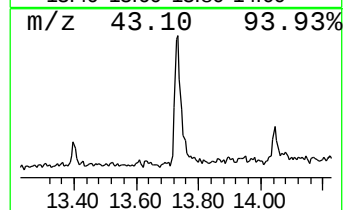
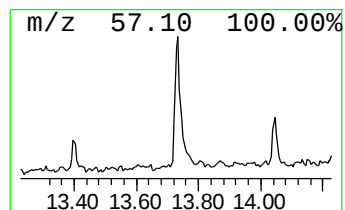
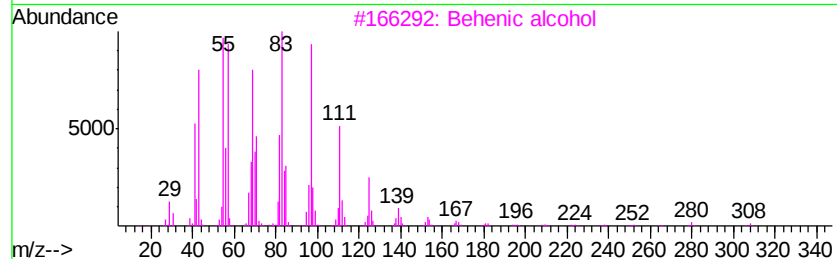
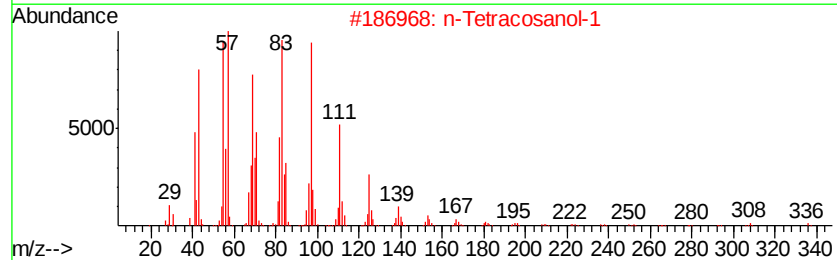
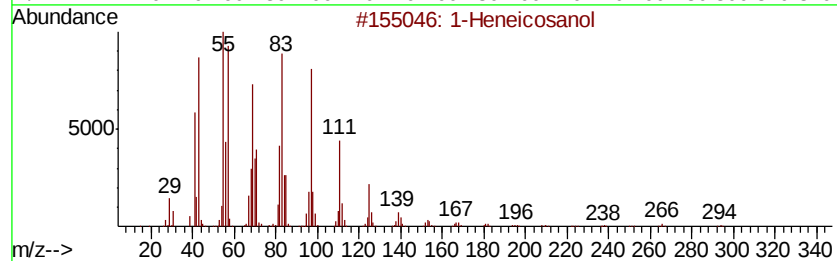
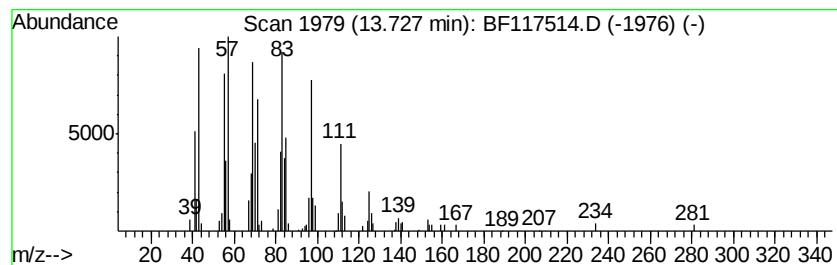
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	12.04 ng	192452	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	93
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91



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ALS Vial : 8 Sample Multiplier: 1

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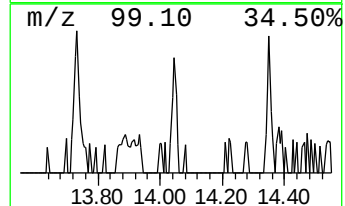
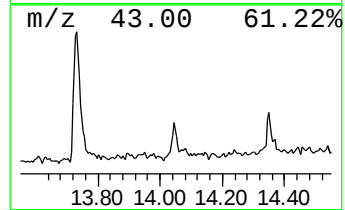
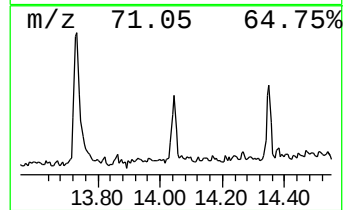
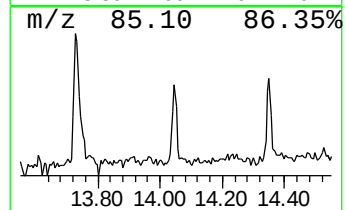
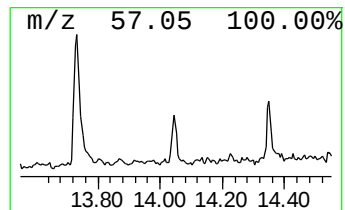
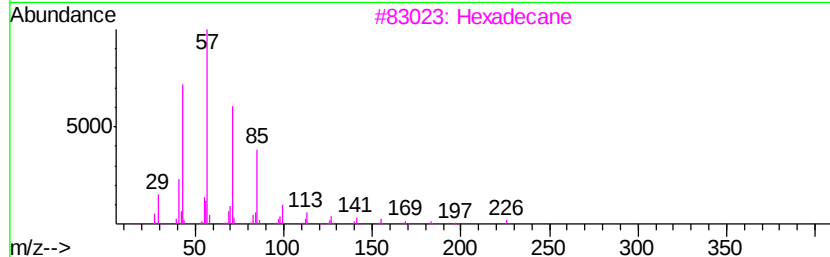
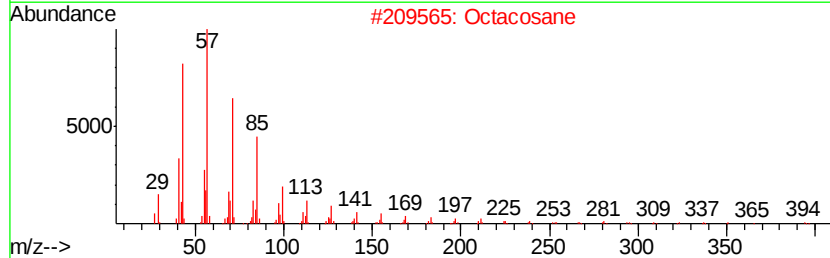
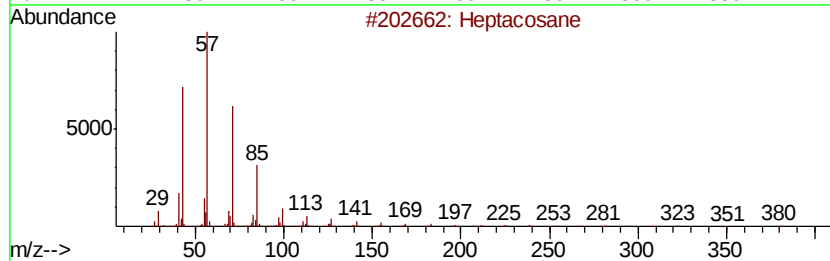
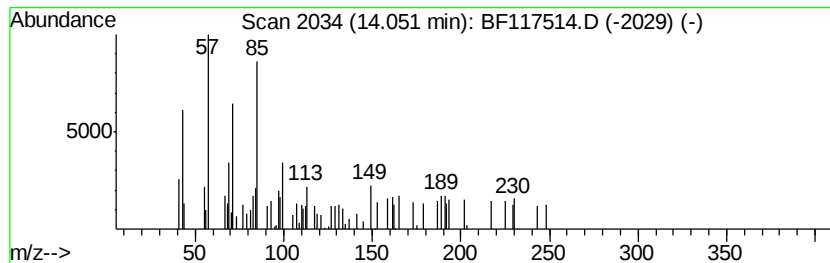
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	2.83 ng	45225	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	53
2	Octacosane		394	C28H58	000630-02-4	53
3	Hexadecane		226	C16H34	000544-76-3	53
4	Heneicosane		296	C21H44	000629-94-7	53
5	Hentriacontane		437	C31H64	000630-04-6	50



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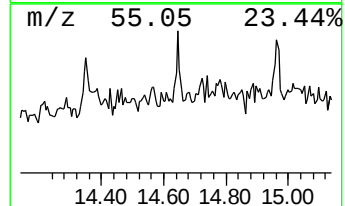
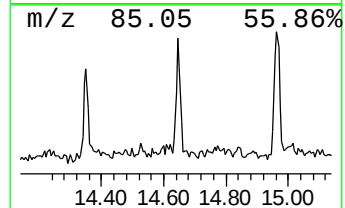
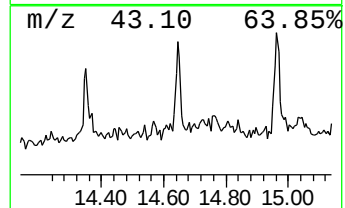
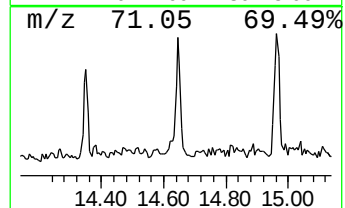
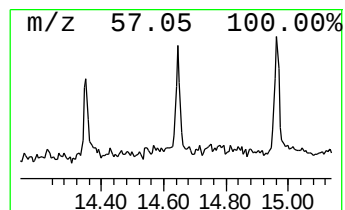
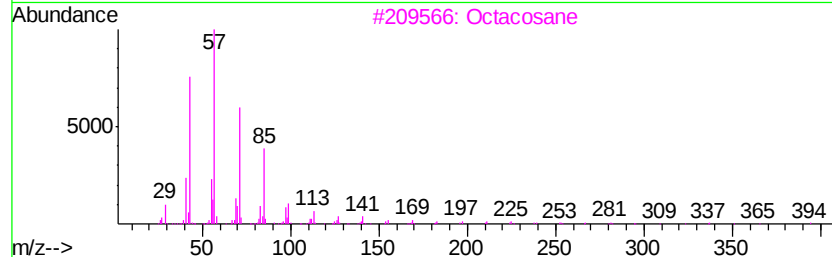
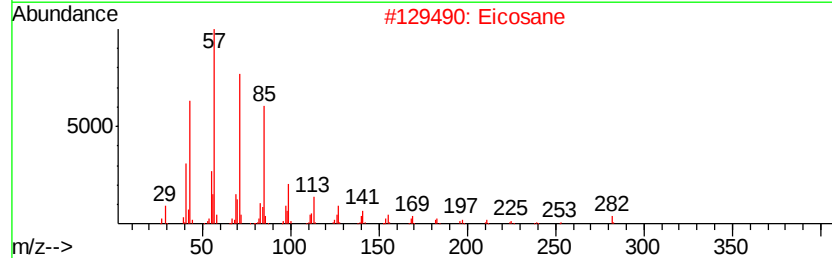
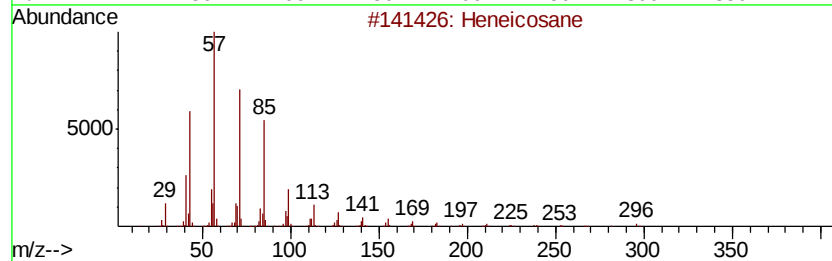
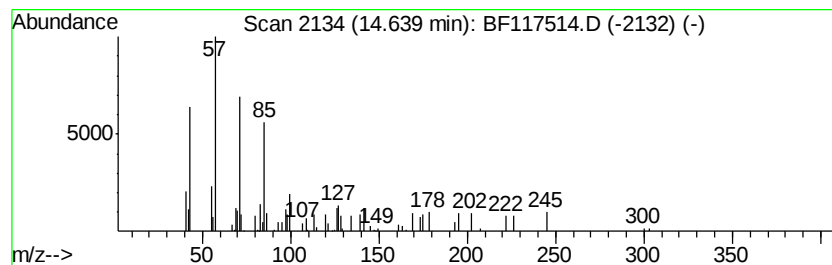
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.58 ng	40390	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Hexadecane	226	C16H34	000544-76-3	87
5		Octadecane	254	C18H38	000593-45-3	87



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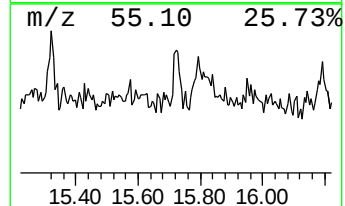
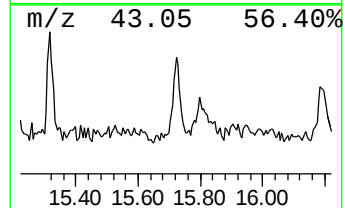
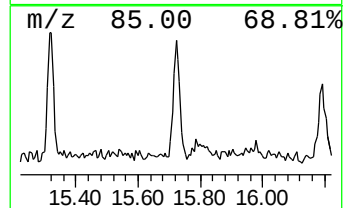
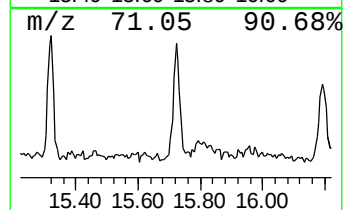
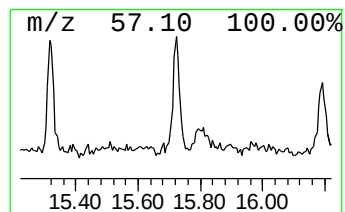
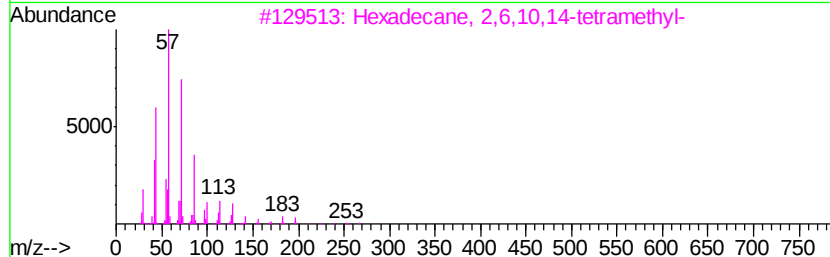
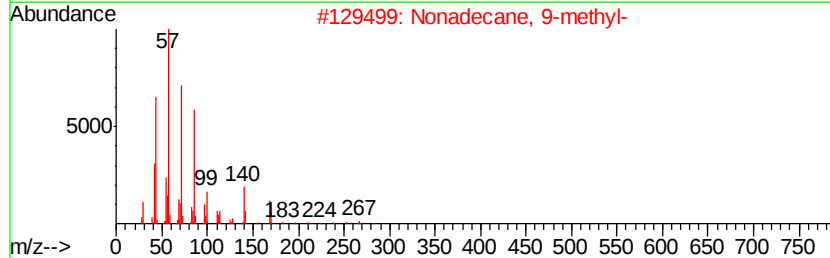
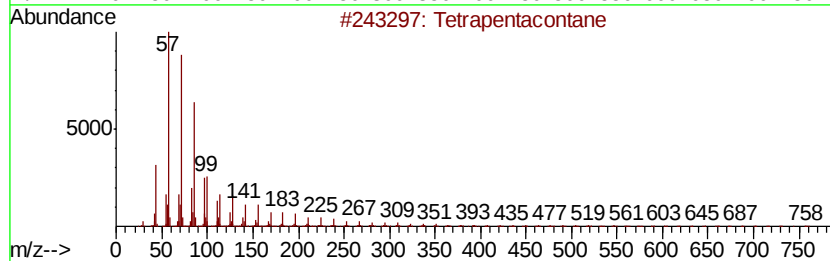
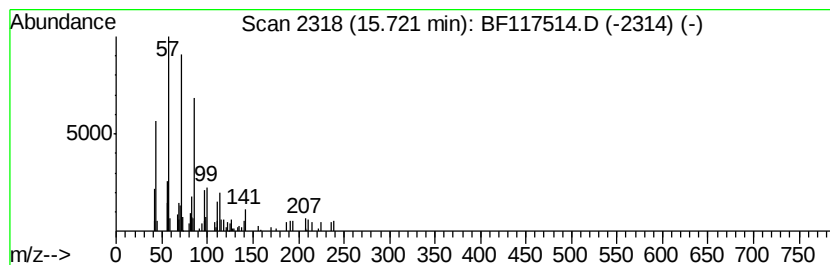
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetrapentacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.39 ng	52923	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetrapentacontane	759	C54H110	005856-66-6	83
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4		Hentriacontane	437	C31H64	000630-04-6	72
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117514.D
Acq On : 24 Oct 2019 17:06
Operator : JU
Sample : K5500-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)

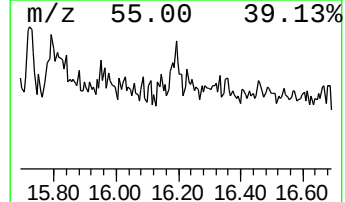
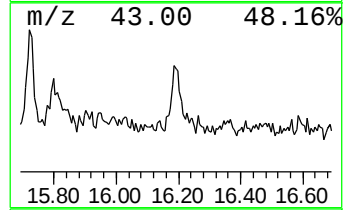
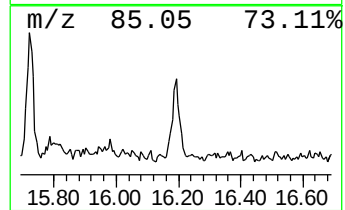
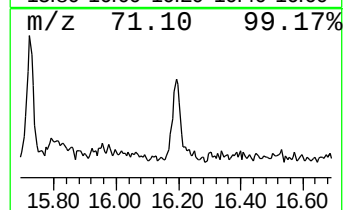
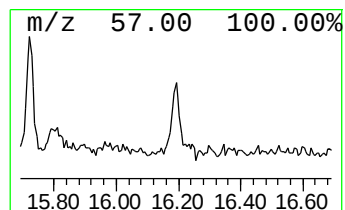
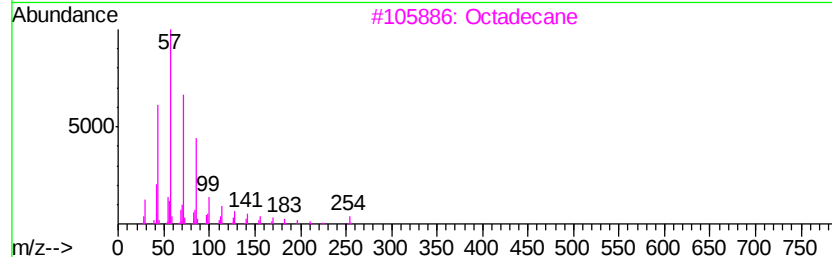
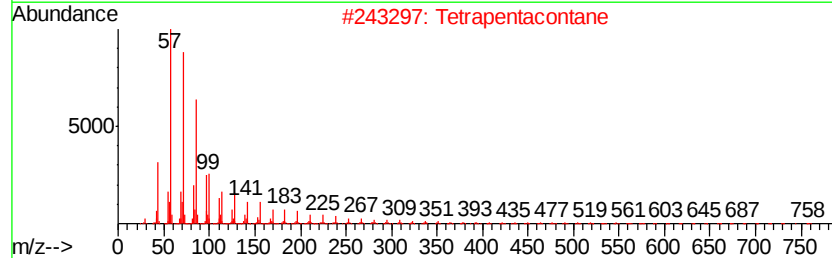
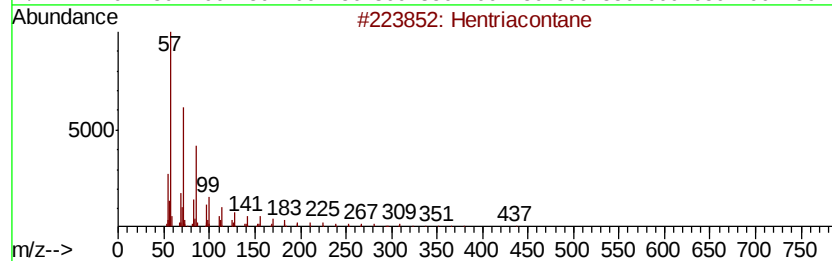
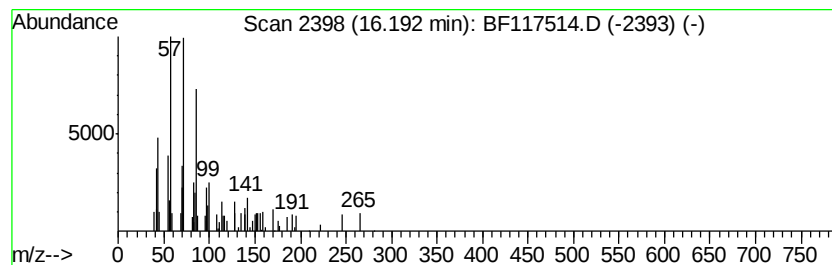
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	3.36 ng	52487	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	64
2		Tetrapentacontane	759	C54H110	005856-66-6	59
3		Octadecane	254	C18H38	000593-45-3	59
4		Hexadecane	226	C16H34	000544-76-3	58
5		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102419\
Data File : BF117514.D
Acq On : 24 Oct 2019 17:06
Operator : JU
Sample : K5500-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
unknown6.51	6.51	80.9	ng	1071020	1	6.73	264826	20.0
n-Hexadecanoic acid	11.78	4.2	ng	81026	4	11.25	390804	20.0
1-Heneicosanol	13.73	12.0	ng	192452	5	13.89	319675	20.0
Heptacosane	14.05	2.8	ng	45225	5	13.89	319675	20.0
Heneicosane	14.64	2.6	ng	40390	6	15.33	312573	20.0
Tetrapentacontane	15.72	3.4	ng	52923	6	15.33	312573	20.0
Hentriacontane	16.19	3.4	ng	52487	6	15.33	312573	20.0