

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
 Data File : BF101803.D
 Acq On : 28 Dec 2017 15:37
 Operator : SJ/JU
 Sample : I6970-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-0-5

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	5.004	492	496	517	rBV	329558	618374	17.66%	2.022%
2	5.410	561	565	598	rBV	2588955	3494963	99.81%	11.431%
3	6.434	735	739	756	rBV	2777384	3501753	100.00%	11.453%
4	6.557	756	760	766	rVV	3174193	3150221	89.96%	10.303%
5	6.781	795	798	807	rBV	903838	888926	25.39%	2.907%
6	6.939	821	825	845	rVB	2390955	2608359	74.49%	8.531%
7	7.357	892	896	915	rBV	1898960	2167157	61.89%	7.088%
8	8.063	1013	1016	1037	rVB	1056264	1145986	32.73%	3.748%
9	9.139	1194	1199	1202	rBV	3470700	3263503	93.20%	10.674%
10	9.204	1207	1210	1213	rVB	52952	47536	1.36%	0.155%
11	9.539	1259	1267	1272	rBV	134040	174434	4.98%	0.571%
12	9.733	1295	1300	1303	rBV	126265	95933	2.74%	0.314%
13	9.822	1311	1315	1319	rBV	1082799	1031025	29.44%	3.372%
14	10.233	1382	1385	1388	rVB	153254	112108	3.20%	0.367%
15	10.451	1418	1422	1424	rBV	51701	59127	1.69%	0.193%
16	10.616	1446	1450	1462	rBV	1446133	1581630	45.17%	5.173%
17	10.704	1462	1465	1473	rVB	172523	192676	5.50%	0.630%
18	11.151	1538	1541	1544	rBV2	108461	108437	3.10%	0.355%
19	11.180	1544	1546	1550	rVB3	45241	38919	1.11%	0.127%
20	11.310	1565	1568	1571	rBV	892673	872424	24.91%	2.853%
21	11.339	1571	1573	1577	rVB	142378	135822	3.88%	0.444%
22	11.580	1611	1614	1616	rVB2	56970	45183	1.29%	0.148%
23	11.821	1652	1655	1658	rBV2	108718	123111	3.52%	0.403%
24	11.986	1680	1683	1686	rVB	50742	43569	1.24%	0.142%
25	12.368	1745	1748	1752	rBV2	42091	53101	1.52%	0.174%
26	12.533	1773	1776	1784	rVB	200439	189520	5.41%	0.620%
27	12.610	1786	1789	1792	rBV2	45896	46964	1.34%	0.154%
28	12.745	1809	1812	1813	rBV	66019	54387	1.55%	0.178%
29	12.763	1813	1815	1820	rVB	195482	193454	5.52%	0.633%
30	12.892	1833	1837	1841	rBV	2428864	2246634	64.16%	7.348%
31	13.357	1914	1916	1920	rVB3	50039	49783	1.42%	0.163%
32	13.774	1984	1987	1992	rBV2	132606	167923	4.80%	0.549%
33	13.962	2015	2019	2023	rBV	904439	961406	27.45%	3.144%
34	15.015	2195	2198	2206	rVB	141520	213276	6.09%	0.698%

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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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35	15.380	2257	2260	2264	rVB	117856	136931	3.91%	0.448%
36	15.433	2265	2269	2279	rVB	541811	760936	21.73%	2.489%

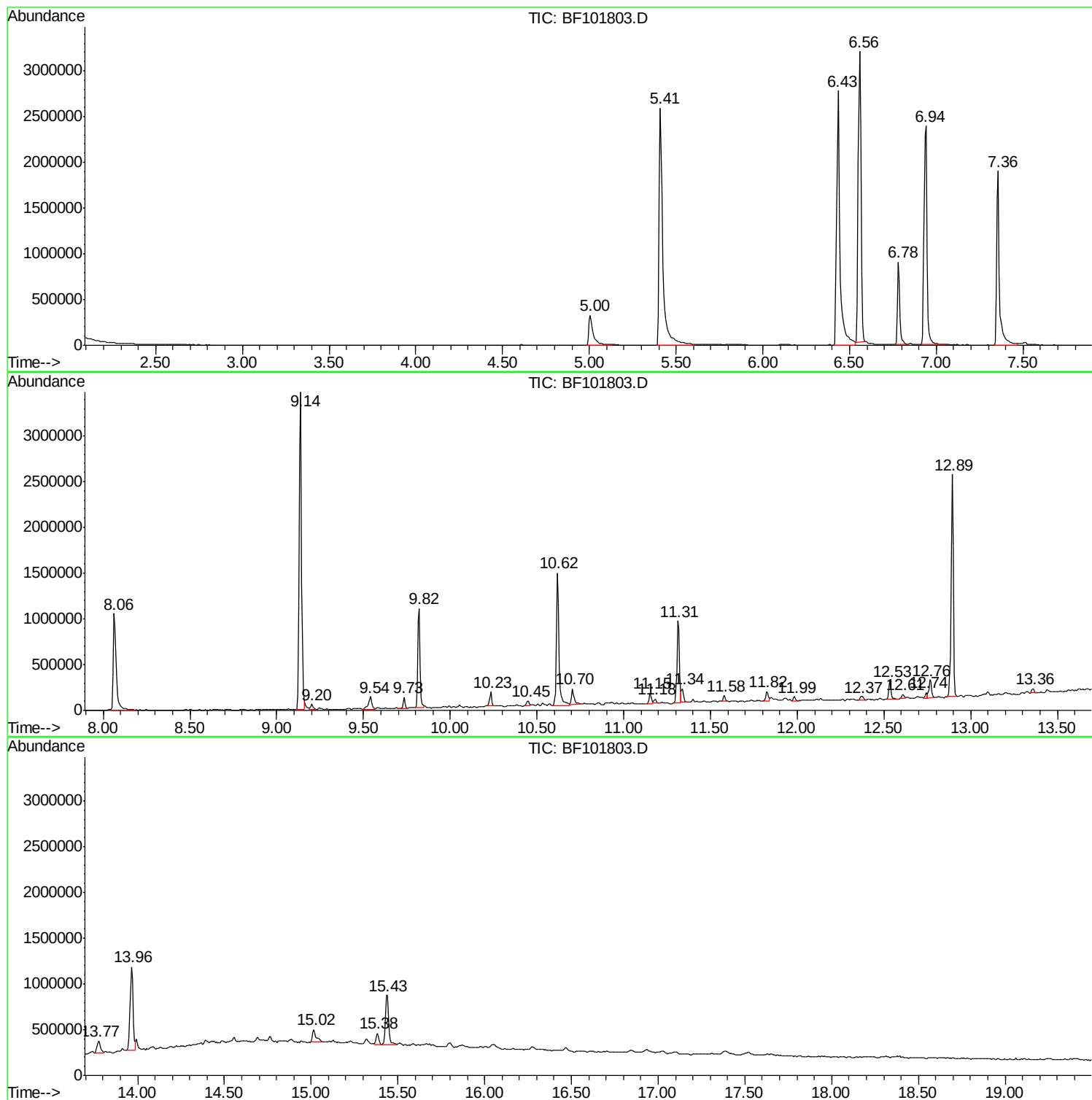
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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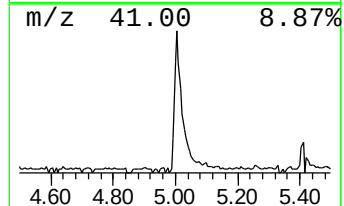
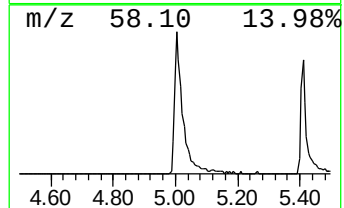
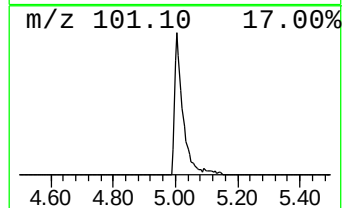
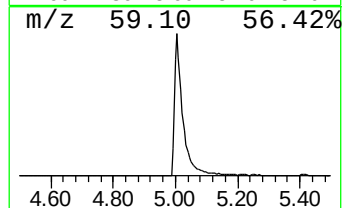
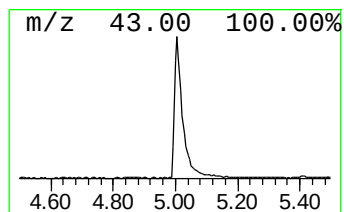
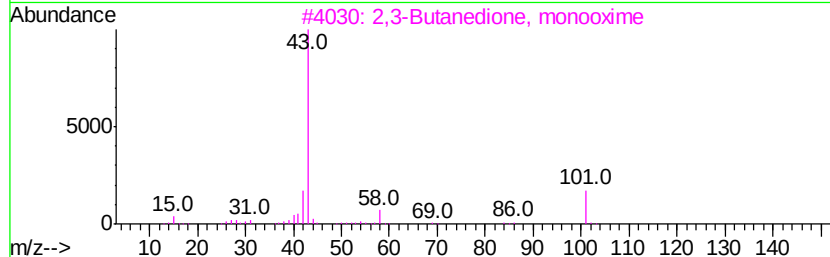
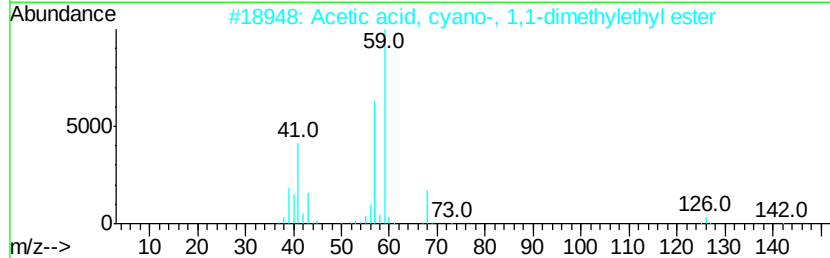
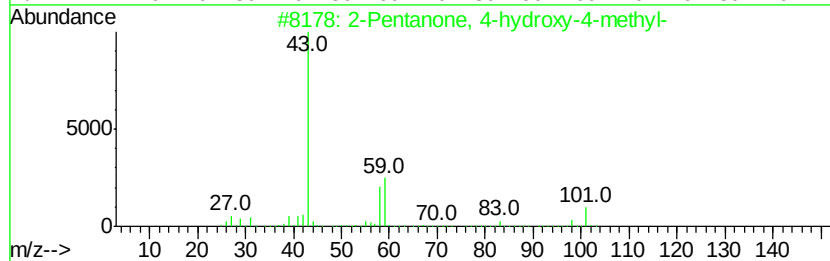
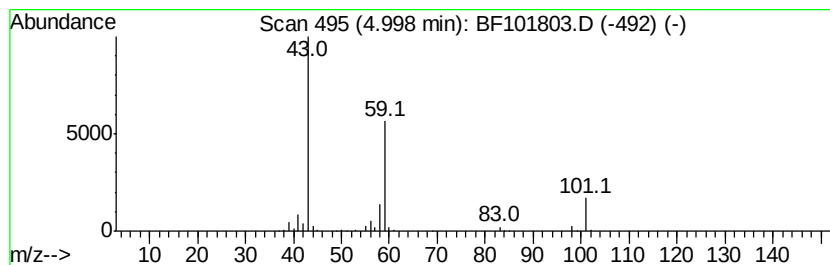
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	13.91 ng	618374	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9



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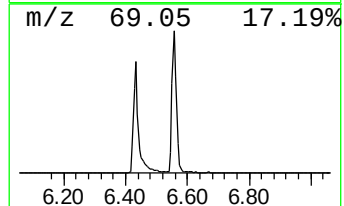
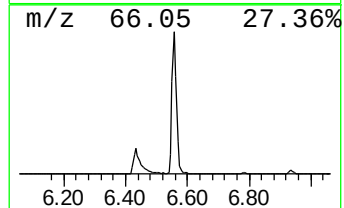
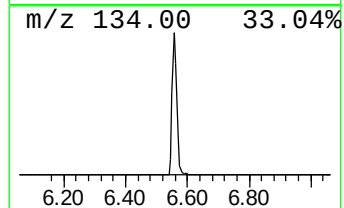
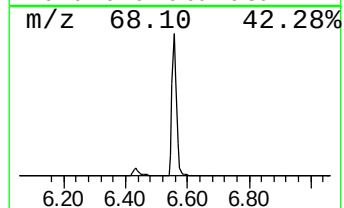
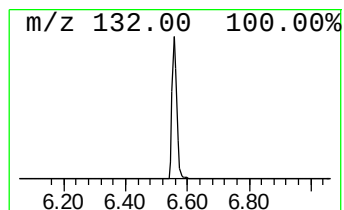
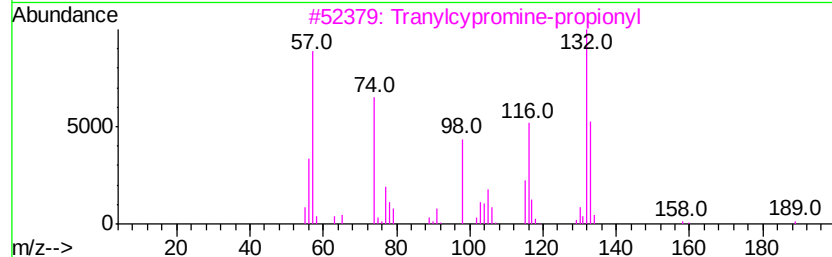
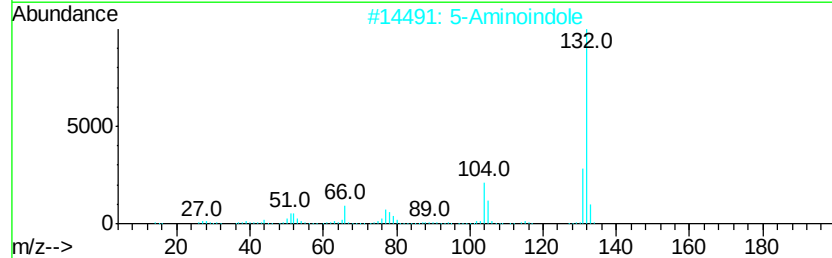
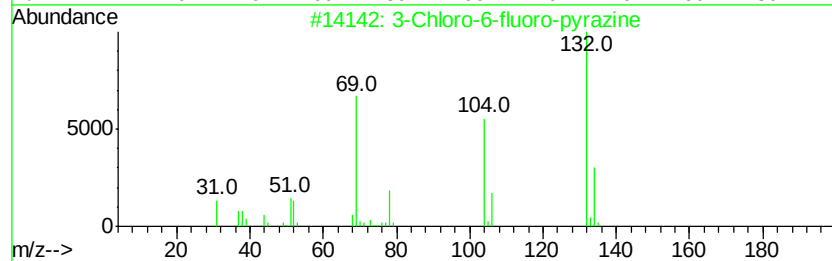
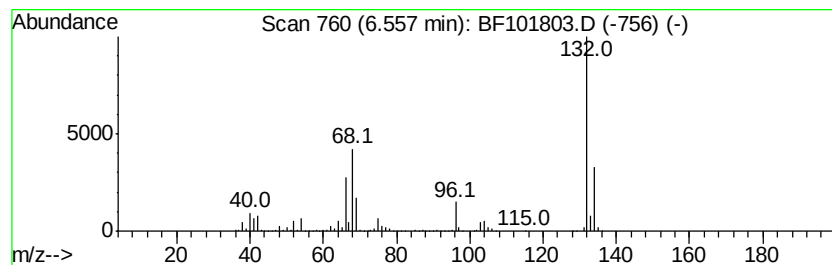
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	70.88 ng	3150220	1,4-Dichlorobenzene-d4	6.78

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	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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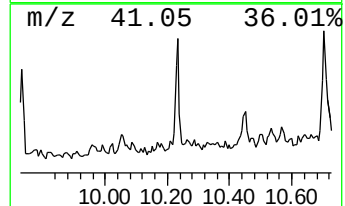
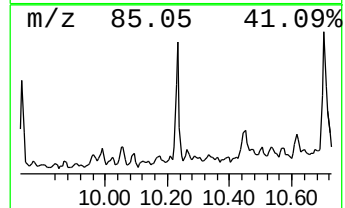
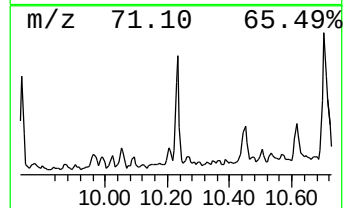
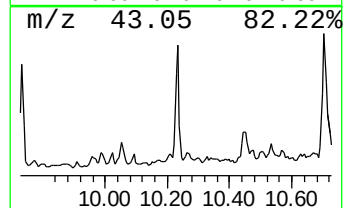
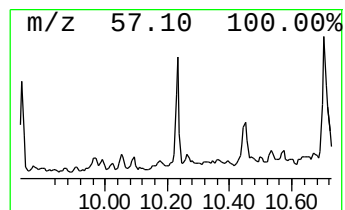
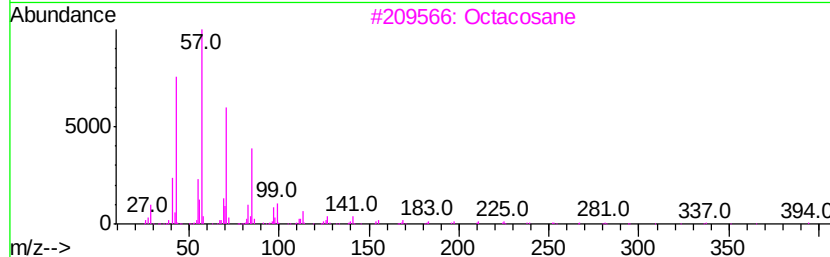
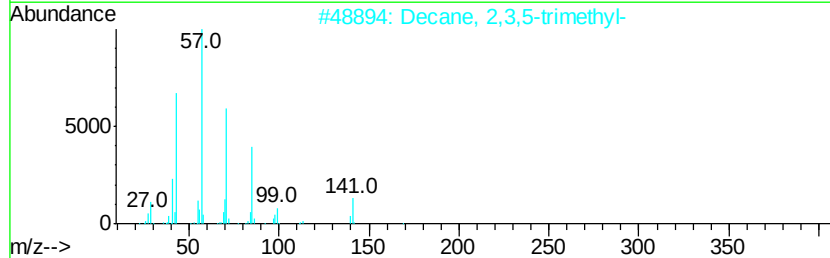
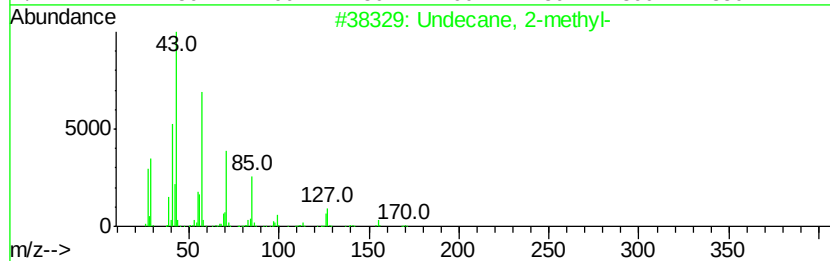
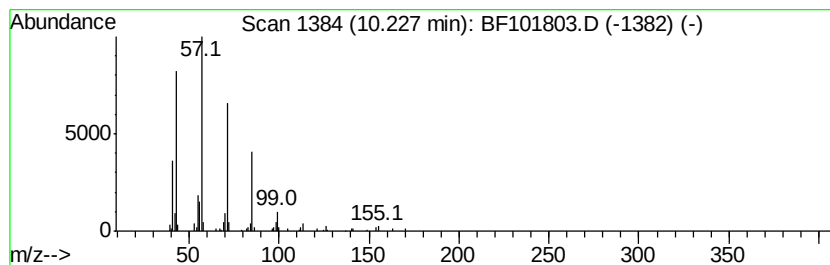
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	2.17 ng	112108	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80



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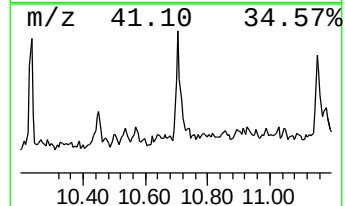
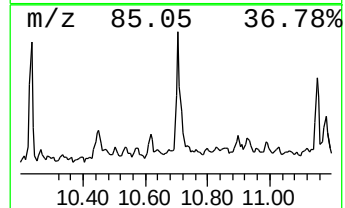
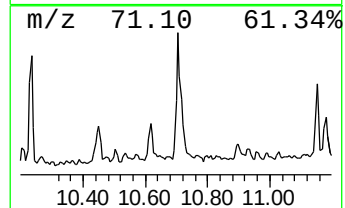
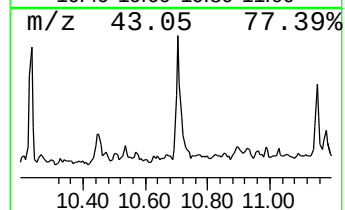
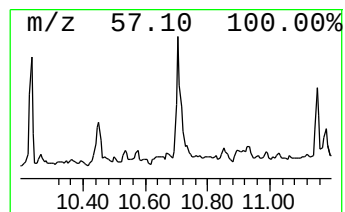
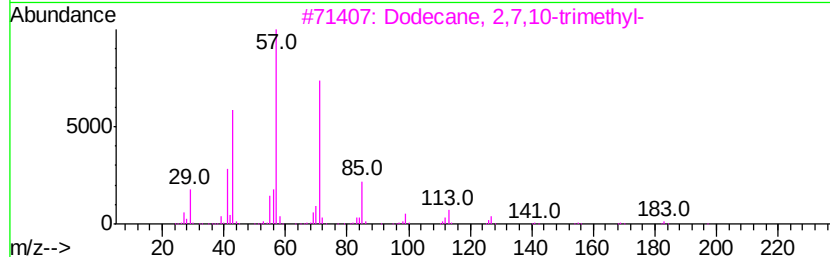
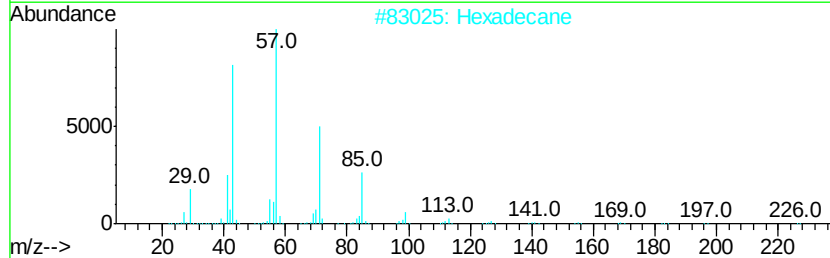
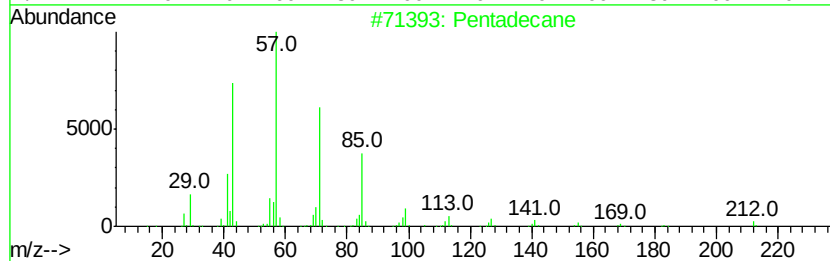
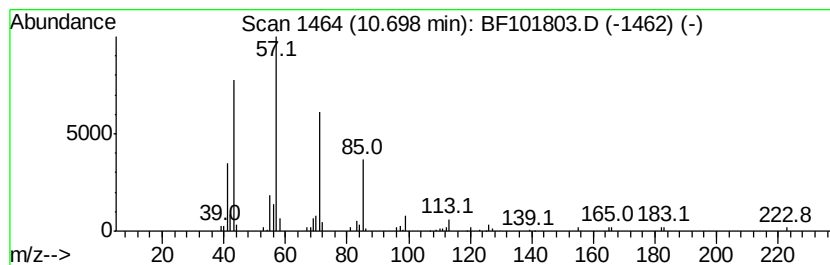
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	4.42 ng	192676	Phenanthrene-d10	11.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	90
2	Hexadecane	226 C16H34	000544-76-3	90
3	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	72
4	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	72
5	Nonadecane	268 C19H40	000629-92-5	72



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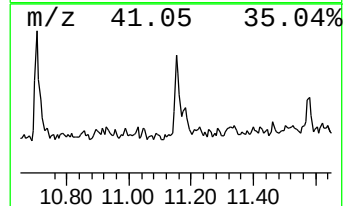
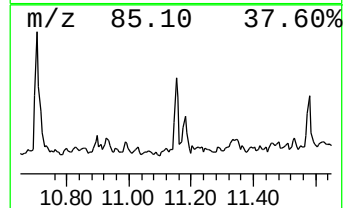
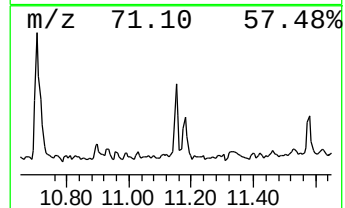
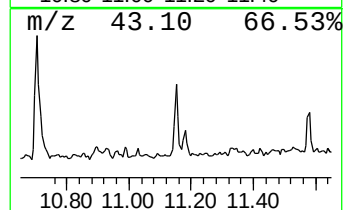
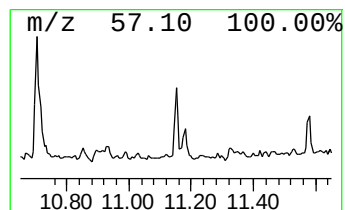
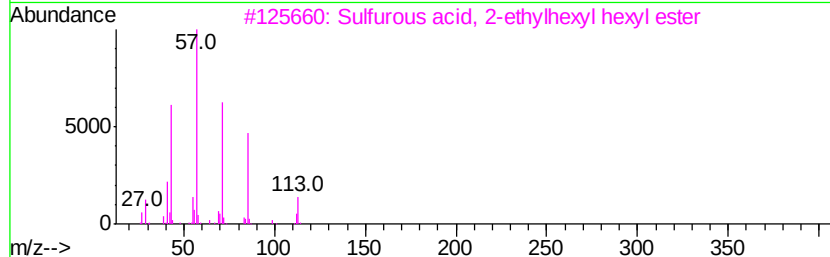
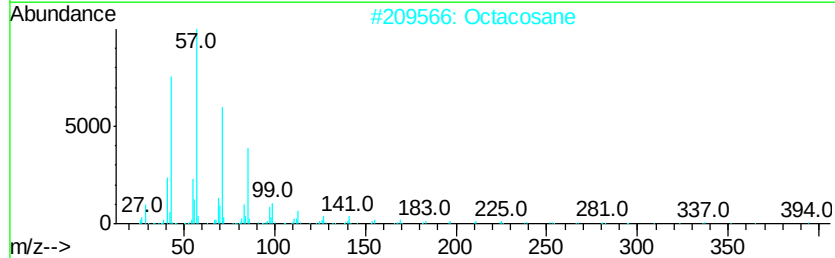
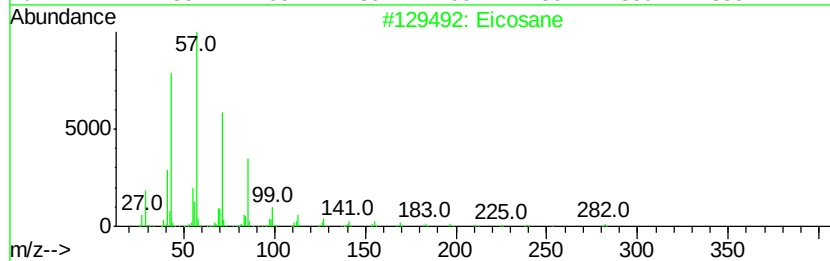
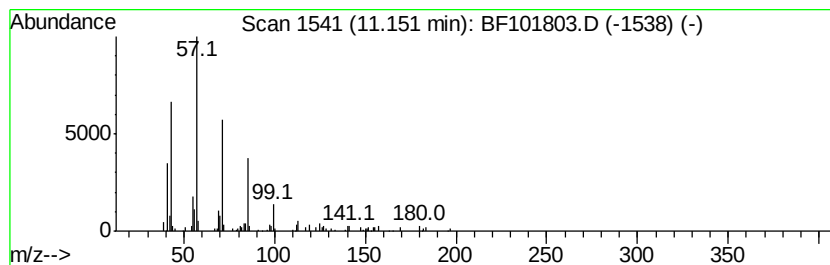
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.49 ng	108437	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80
4	Heptacosane		380	C27H56	000593-49-7	80
5	Hexadecane		226	C16H34	000544-76-3	78



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ALS Vial : 10 Sample Multiplier: 1

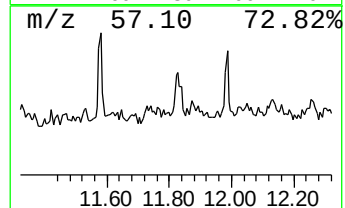
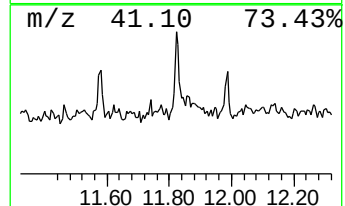
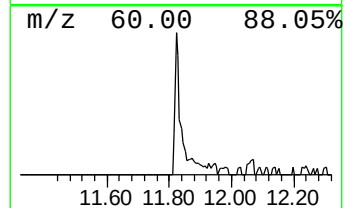
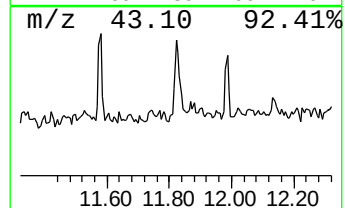
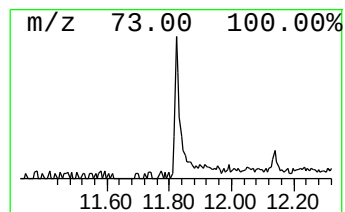
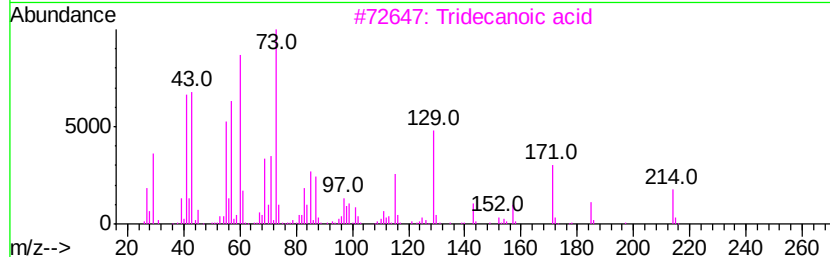
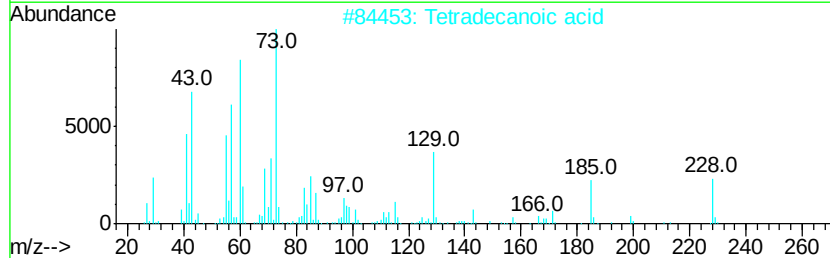
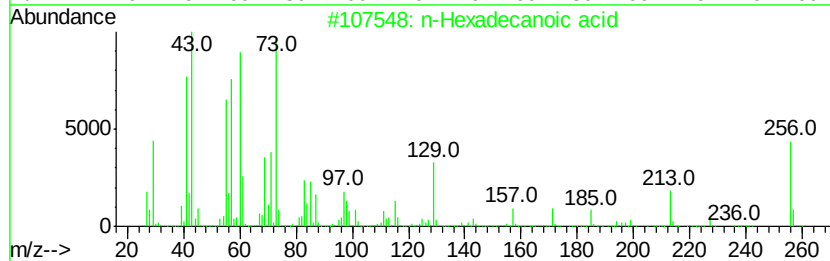
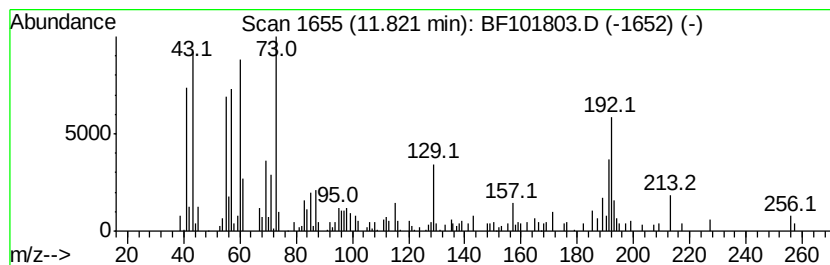
Instrument :
BNA_F
ClientSampleId :
S4-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.82	2.82 ng	123111	Phenanthrene-d10		11.31
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101803.D
Acq On : 28 Dec 2017 15:37
Operator : SJ/JU
Sample : I6970-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-0-5

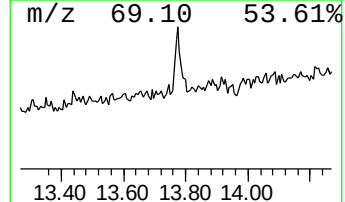
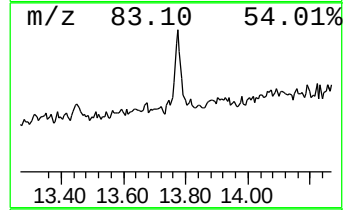
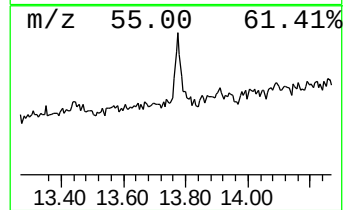
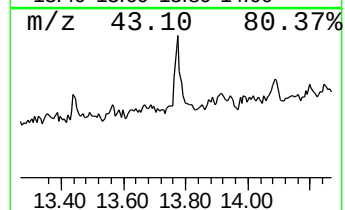
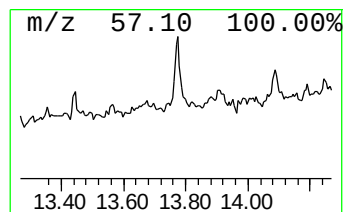
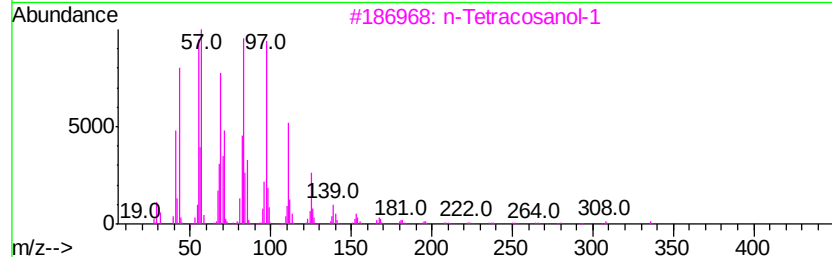
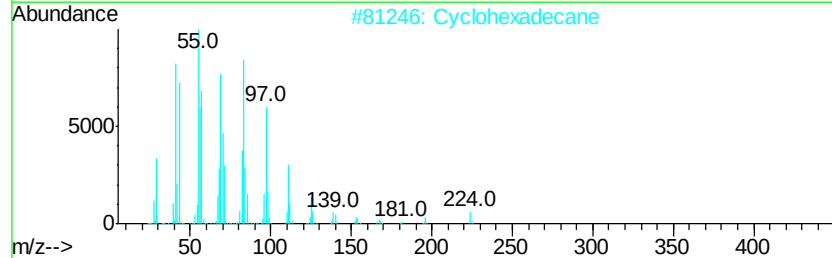
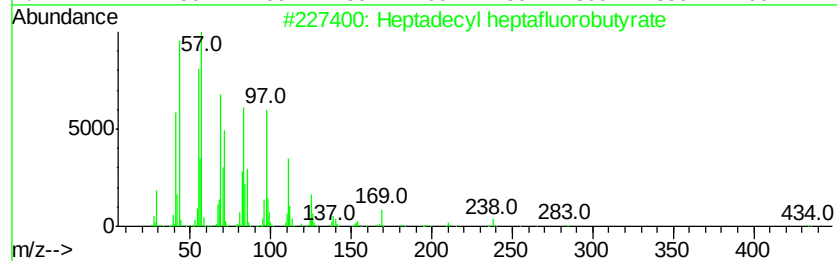
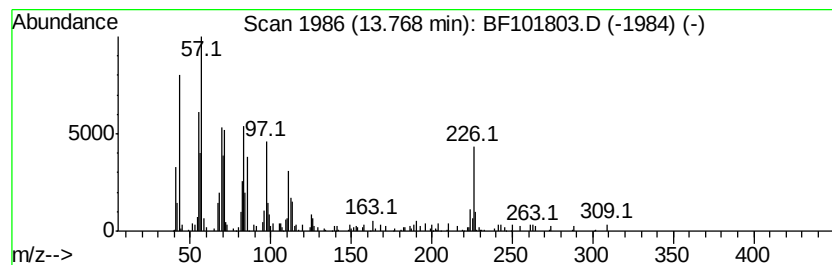
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.49 ng	167923	Chrysene-d12	13.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
2		Cyclohexadecane	224	C16H32	000295-65-8	64
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	60
4		Octacosanol	410	C28H58O	000557-61-9	53
5		1-Heptacosanol	396	C27H56O	002004-39-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101803.D
Acq On : 28 Dec 2017 15:37
Operator : SJ/JU
Sample : I6970-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
2-Pentanone, 4-hy...	5.00	13.9	ng	618374	1	6.78	888926	20.0
unknown6.56	6.56	70.9	ng	3150220	1	6.78	888926	20.0
Undecane, 2-methyl-	10.23	2.2	ng	112108	3	9.82	1031030	20.0
Pentadecane	10.70	4.4	ng	192676	4	11.31	872424	20.0
Eicosane	11.15	2.5	ng	108437	4	11.31	872424	20.0
n-Hexadecanoic acid	11.82	2.8	ng	123111	4	11.31	872424	20.0
Heptadecyl heptaf...	13.77	3.5	ng	167923	5	13.96	961406	20.0