

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085510.D
 Acq On : 18 Mar 2016 00:09
 Operator : UM/SJ
 Sample : H1774-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

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-BF031516.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	5.087	243	245	253	rVB	58725	87145	2.31%	0.262%
2	5.487	277	280	282	rBV	3159709	3603541	95.66%	10.836%
3	6.516	367	370	372	rBV	2792345	3767138	100.00%	11.327%
4	6.641	379	381	384	rBV	2877144	3534977	93.84%	10.629%
5	6.870	399	401	404	rBV	703953	845421	22.44%	2.542%
6	7.030	413	415	418	rBV	2682468	2732413	72.53%	8.216%
7	7.441	448	451	453	rBV	2224138	2314103	61.43%	6.958%
8	7.533	456	459	461	rVB	53243	74800	1.99%	0.225%
9	8.162	511	514	516	rBV	1319752	1167347	30.99%	3.510%
10	9.236	605	608	611	rBV	2941058	3570899	94.79%	10.737%
11	9.636	640	643	644	rBV	645751	656822	17.44%	1.975%
12	9.853	653	662	664	rBV	84752	109663	2.91%	0.330%
13	9.922	665	668	670	rVB	795137	1118634	29.69%	3.364%
14	10.345	704	705	707	rVB	143091	129234	3.43%	0.389%
15	10.562	721	724	728	rBV	46424	92035	2.44%	0.277%
16	10.710	734	737	739	rBV2	1624260	2222937	59.01%	6.684%
17	10.825	745	747	753	rBV	127382	190516	5.06%	0.573%
18	11.008	761	763	768	rBV3	18582	49743	1.32%	0.150%
19	11.270	784	786	787	rBV	84136	83189	2.21%	0.250%
20	11.396	795	797	801	rBV	1118927	1093740	29.03%	3.289%
21	11.453	801	802	806	rVB2	21460	41031	1.09%	0.123%
22	11.922	842	843	846	rBV2	132937	154371	4.10%	0.464%
23	12.608	901	903	905	rBV	132660	121931	3.24%	0.367%
24	12.711	909	912	919	rVV	88690	127215	3.38%	0.383%
25	12.802	919	920	921	rVV	59437	56518	1.50%	0.170%
26	12.836	921	923	926	rVB	101288	108314	2.88%	0.326%
27	12.985	933	936	938	rBV	2991735	2758133	73.22%	8.293%
28	13.614	987	991	993	rVV4	23826	42354	1.12%	0.127%
29	13.876	1011	1014	1018	rVV	136847	160133	4.25%	0.482%
30	14.036	1024	1028	1029	rBV	695379	898709	23.86%	2.702%
31	14.059	1029	1030	1032	rVB	51359	38180	1.01%	0.115%
32	14.391	1057	1059	1063	rBV4	16708	45099	1.20%	0.136%
33	14.505	1067	1069	1071	rBV	41027	51363	1.36%	0.154%
34	14.802	1091	1095	1099	rBV2	22477	50854	1.35%	0.153%

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Integration Parameters: rteint.p
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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
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35	15.054	1115	1117	1122	rBV	56240	111916	2.97%	0.337%
36	15.351	1140	1143	1145	rVB	27702	43891	1.17%	0.132%
37	15.408	1145	1148	1151	rBV	38635	52481	1.39%	0.158%
38	15.465	1151	1153	1156	rBV	603748	806445	21.41%	2.425%
39	16.882	1274	1277	1280	rBV2	21883	49706	1.32%	0.149%
40	17.294	1310	1313	1318	rVB	17923	41804	1.11%	0.126%
41	17.442	1323	1326	1331	rBV6	16785	51961	1.38%	0.156%

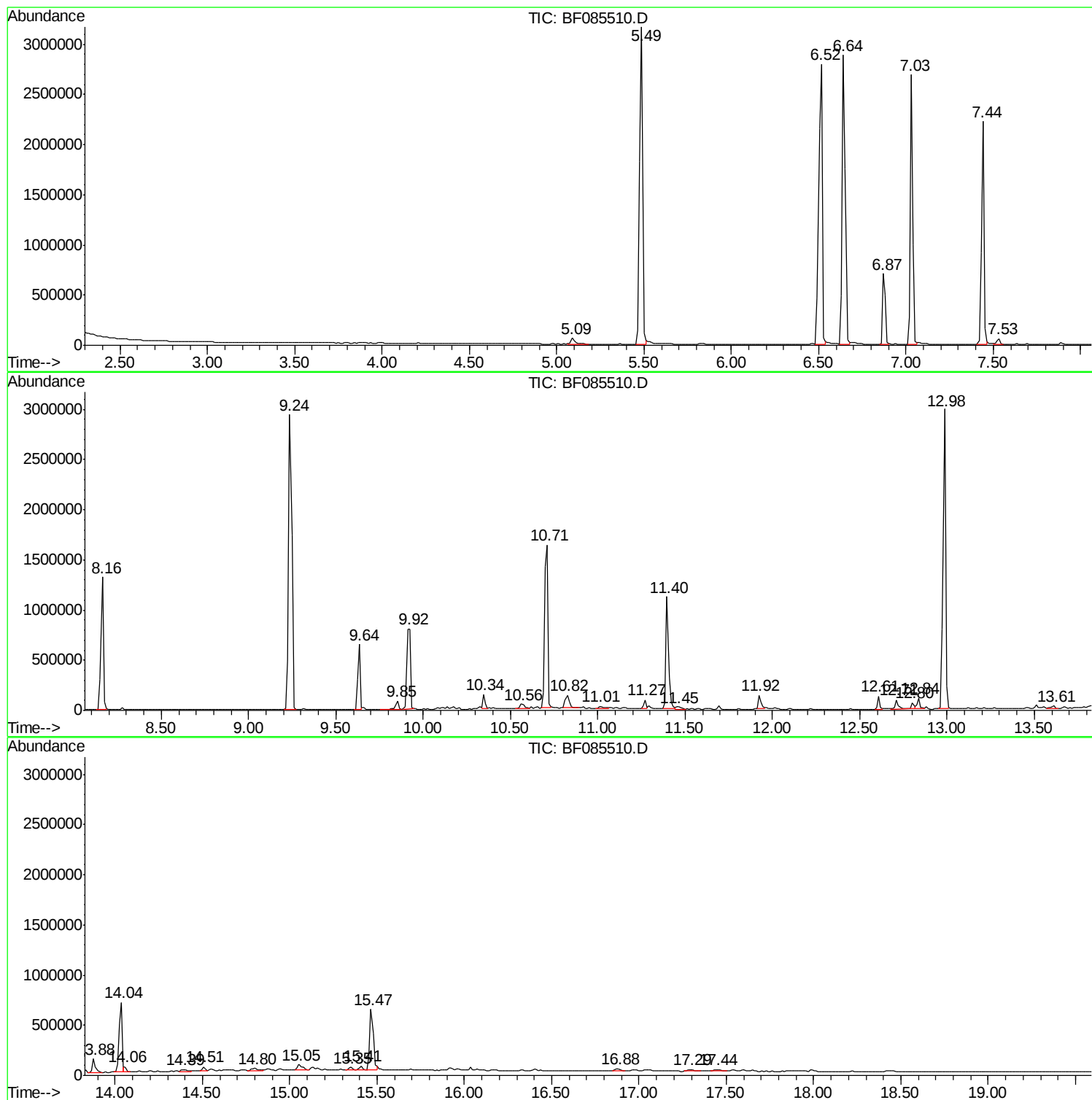
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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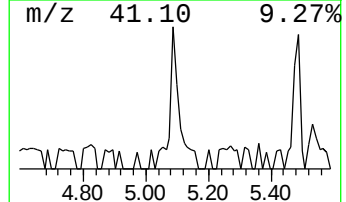
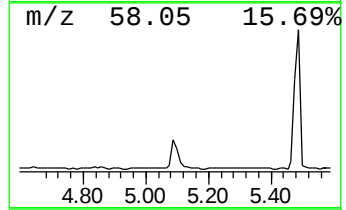
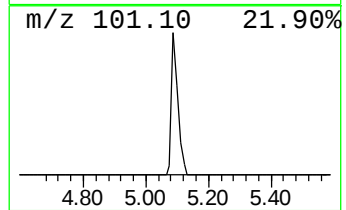
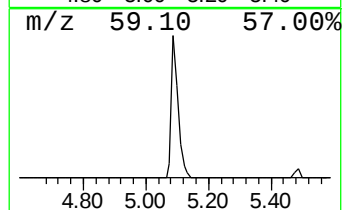
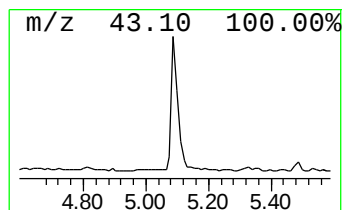
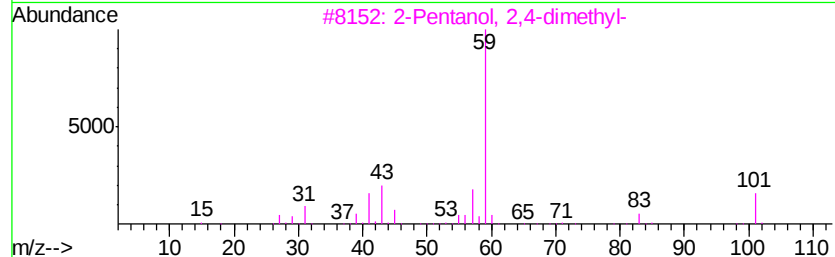
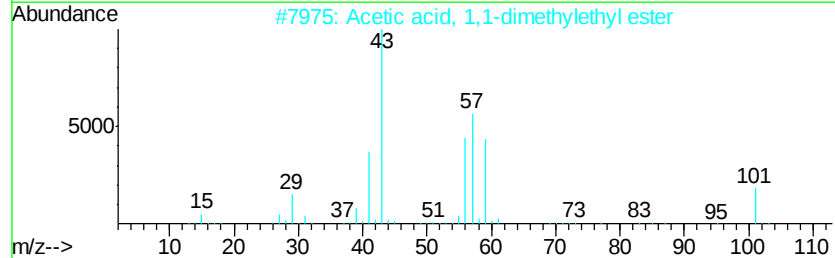
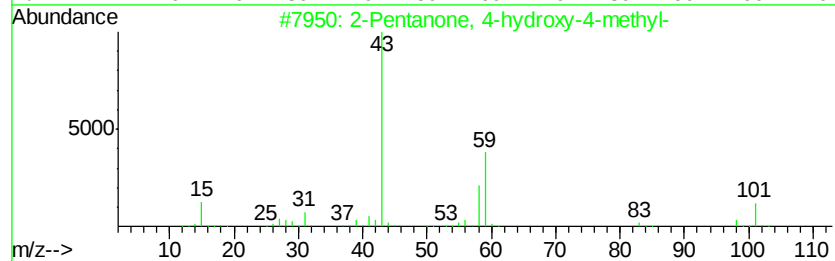
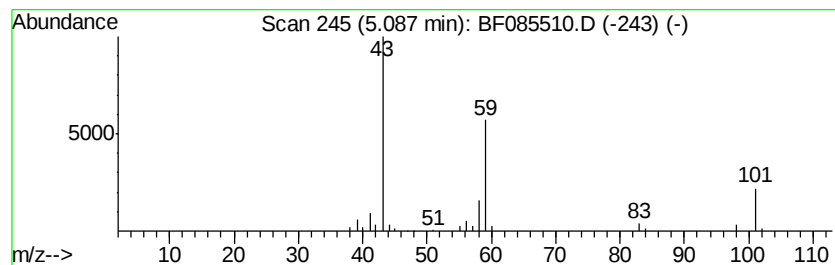
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	2.06 ng	87145	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
5			3-Hexanol	102	C6H14O	000623-37-0	25



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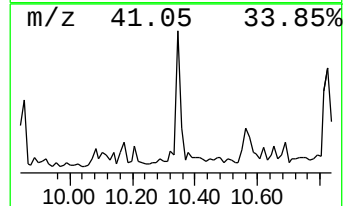
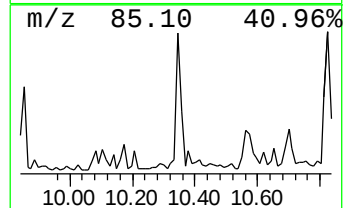
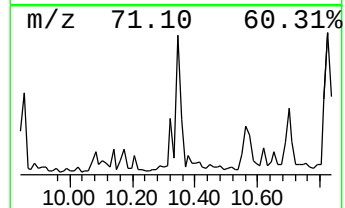
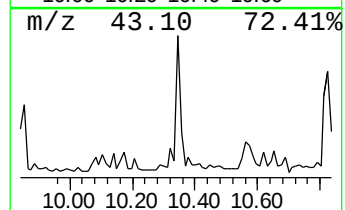
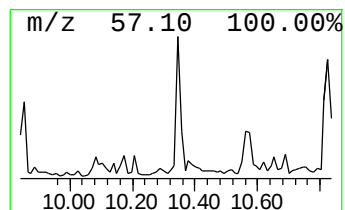
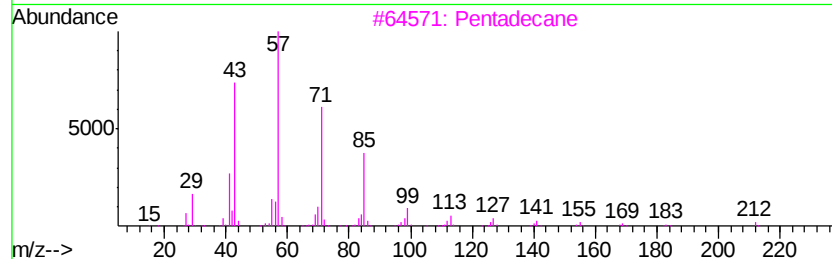
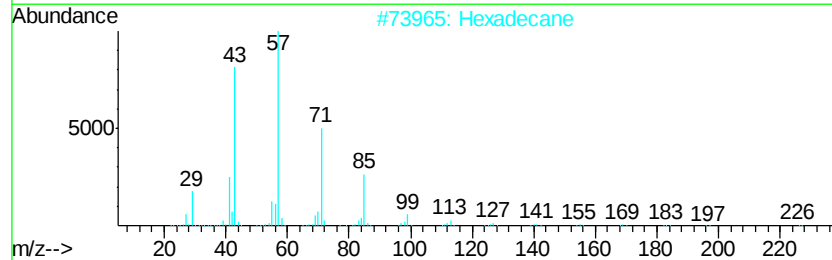
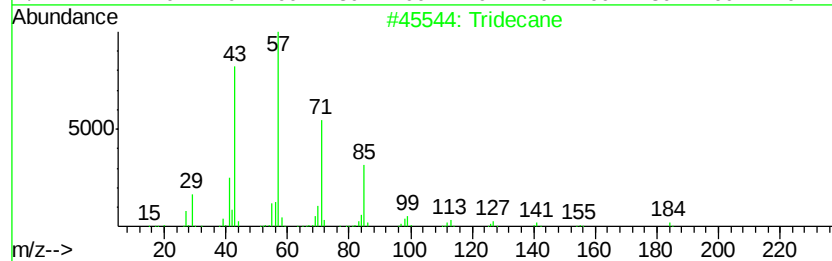
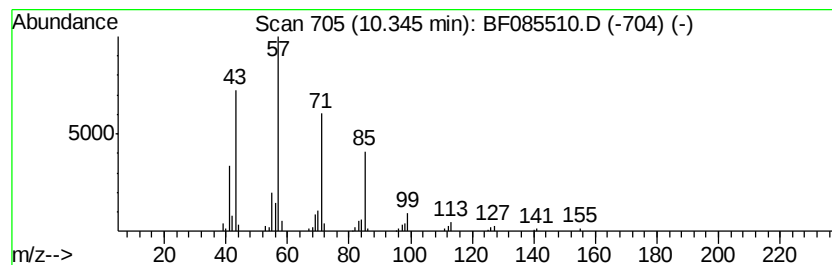
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Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	2.31 ng	129234	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	90
2	Hexadecane	226 C16H34	000544-76-3	90
3	Pentadecane	212 C15H32	000629-62-9	90
4	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	83
5	Eicosane	282 C20H42	000112-95-8	83



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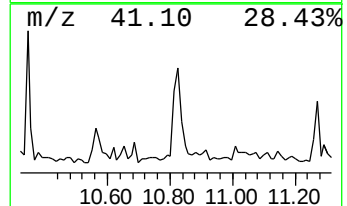
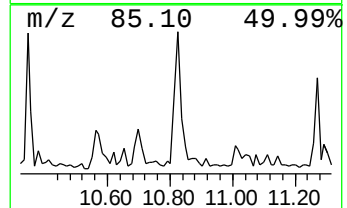
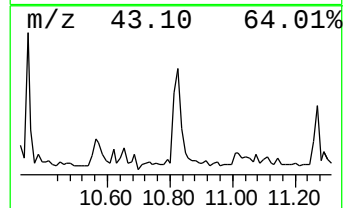
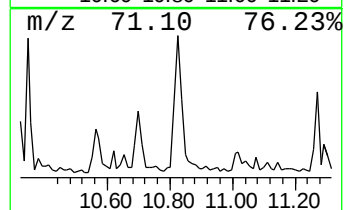
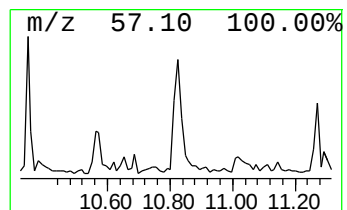
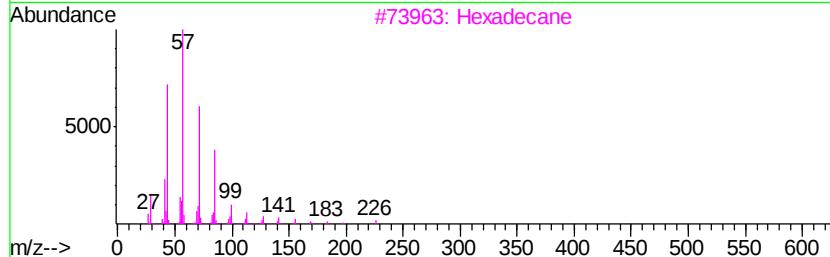
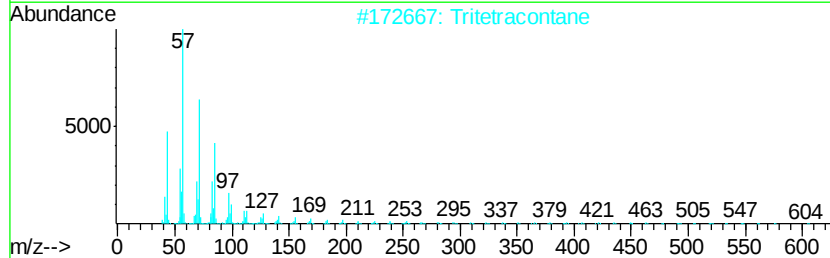
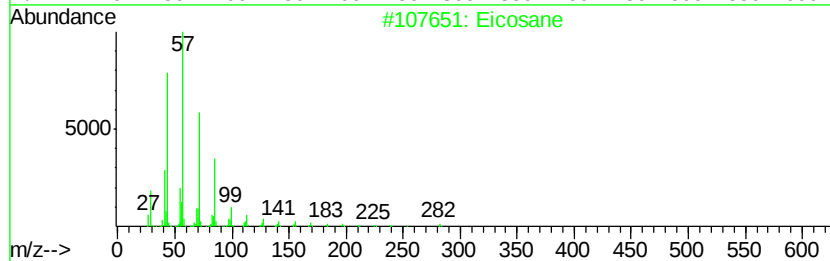
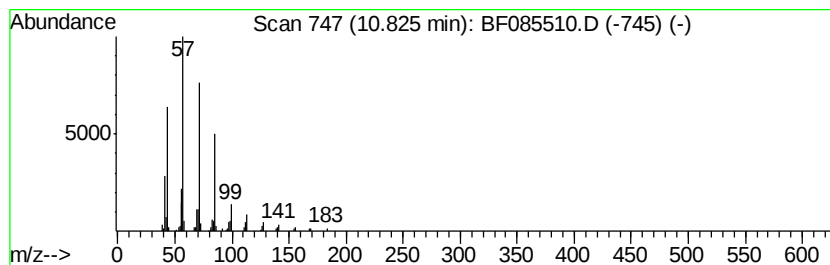
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.82	3.48 ng	190516	Phenanthrene-d10		11.40		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Tritetracontane	605	C43H88	007098-21-7	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	86



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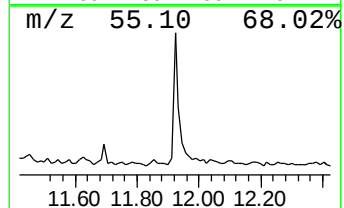
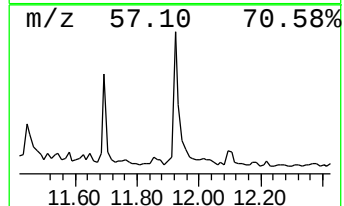
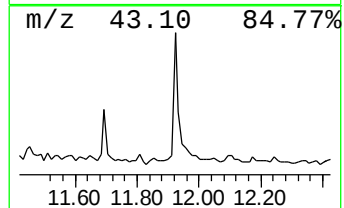
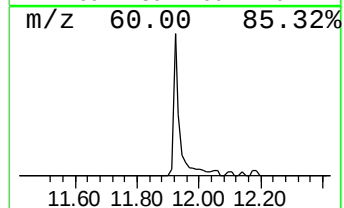
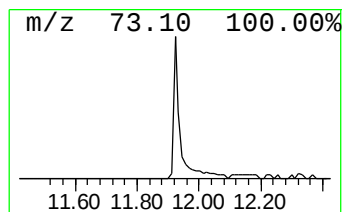
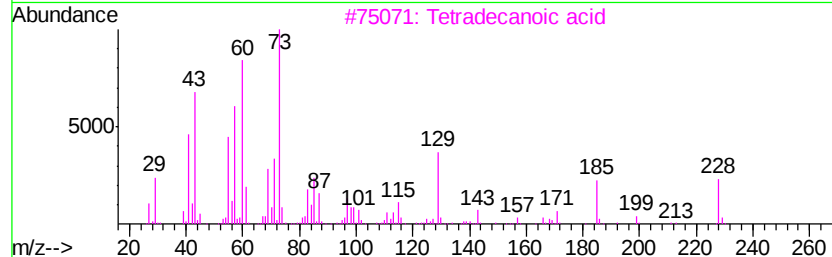
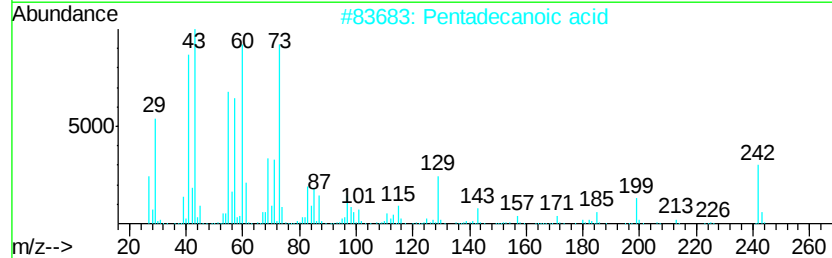
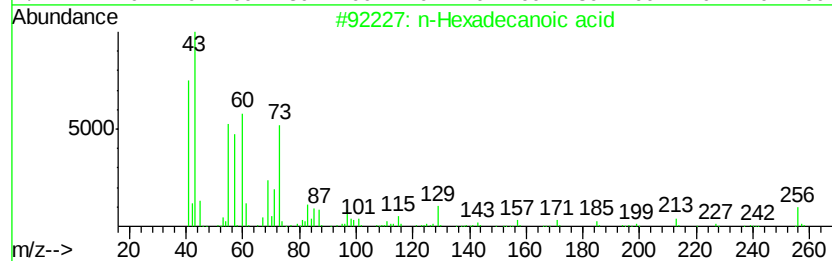
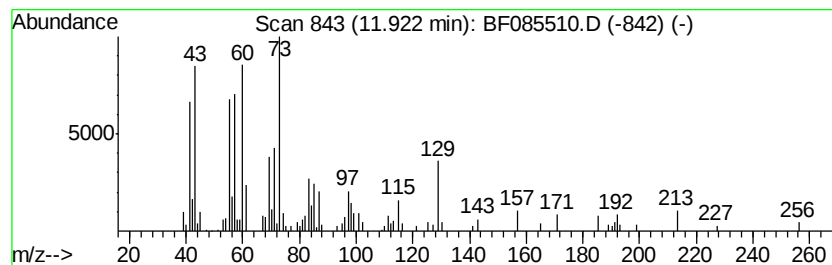
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.82 ng	154371	Phenanthrene-d10	11.40

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	72
5		Tetradecane	198	C14H30	000629-59-4	11



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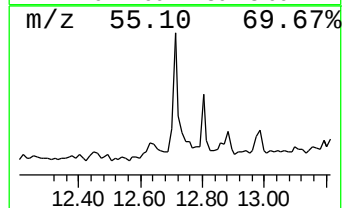
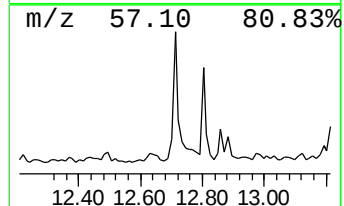
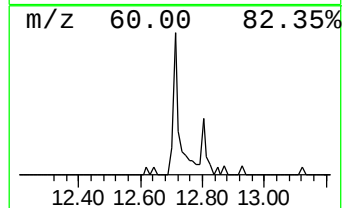
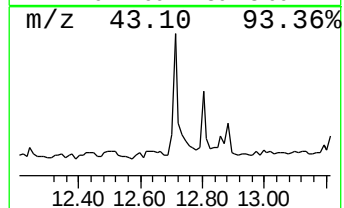
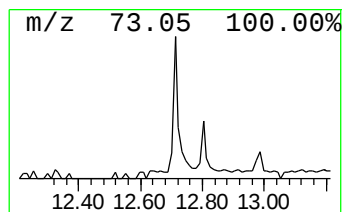
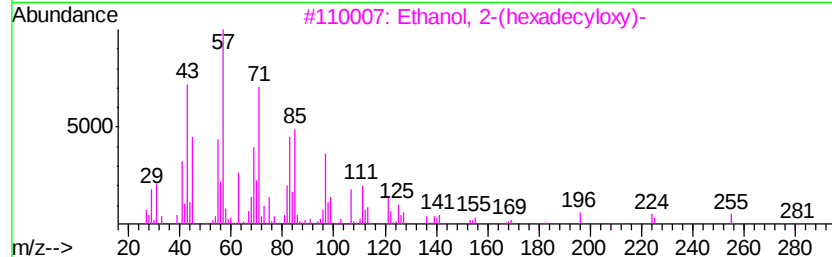
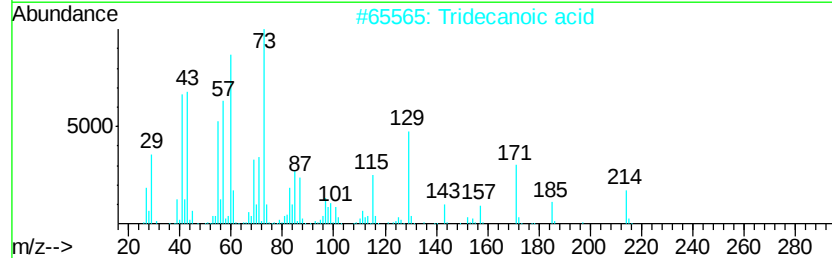
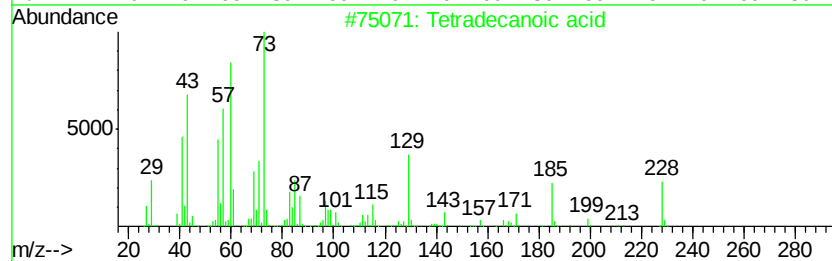
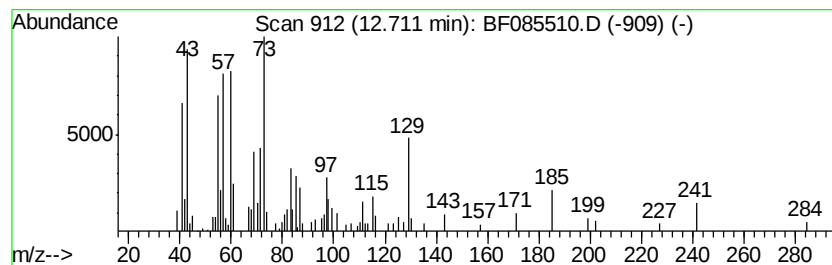
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.33 ng	127215	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2		Tridecanoic acid	214	C13H26O2	000638-53-9	80
3		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	18
4		Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	15
5		1-Acetoxynonadecane	326	C21H42O2	001577-43-1	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085510.D
Acq On : 18 Mar 2016 00:09
Operator : UM/SJ
Sample : H1774-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

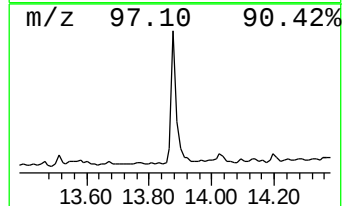
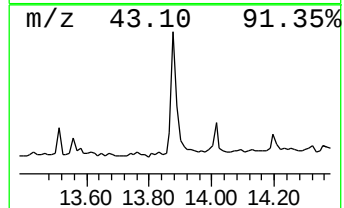
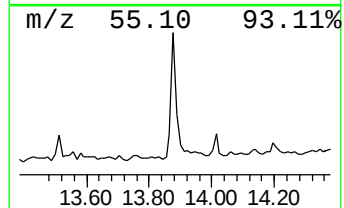
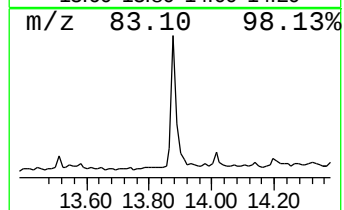
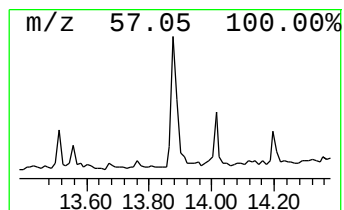
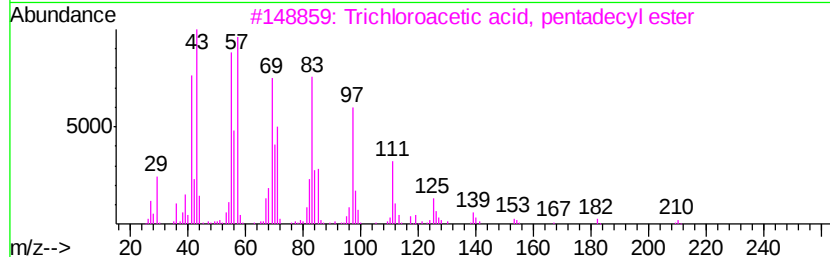
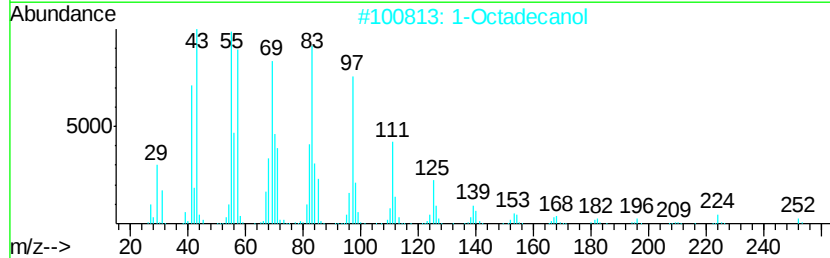
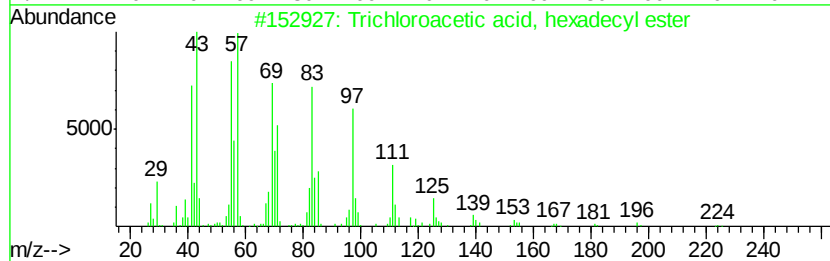
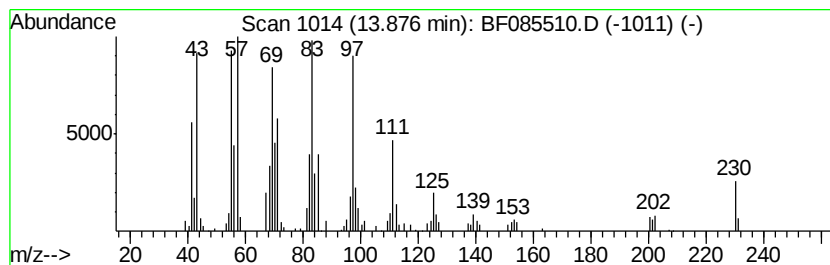
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Trichloroacetic acid, hexadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	3.56 ng	160133	Chrysene-d12	14.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2			1-Octadecanol	270	C18H38O	000112-92-5	90
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4			Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	90



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ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	2.1 ng		87145	1	6.87	845421	20.0
Tridecane	10.34	2.3 ng		129234	3	9.92	1118630	20.0
Eicosane	10.82	3.5 ng		190516	4	11.40	1093740	20.0
n-Hexadecanoic acid	11.92	2.8 ng		154371	4	11.40	1093740	20.0
Tetradecanoic acid	12.71	2.3 ng		127215	4	11.40	1093740	20.0
Trichloroacetic a...	13.88	3.6 ng		160133	5	14.04	898709	20.0