

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085524.D
 Acq On : 18 Mar 2016 7:36
 Operator : UM/SJ
 Sample : H1776-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-06(0.5-3.5)

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-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	241	245	249	rBV	55684	94182	2.48%	0.260%
2	5.476	277	279	282	rBV	2529506	3481938	91.75%	9.610%
3	5.556	282	286	290	rVB	15293	48105	1.27%	0.133%
4	6.516	366	370	372	rVB	2924195	3795041	100.00%	10.474%
5	6.641	378	381	384	rBV	2948100	3457669	91.11%	9.543%
6	6.870	399	401	404	rBV	678954	764129	20.13%	2.109%
7	7.030	413	415	418	rBV	2760480	2736513	72.11%	7.552%
8	7.442	448	451	453	rBV	2283296	2359158	62.16%	6.511%
9	7.533	456	459	461	rBV	76744	131272	3.46%	0.362%
10	7.887	486	490	493	rBV3	34326	59902	1.58%	0.165%
11	8.162	511	514	516	rBV	1228591	1085133	28.59%	2.995%
12	9.236	605	608	611	rBV	3095466	3586578	94.51%	9.899%
13	9.636	640	643	644	rBV	882520	899699	23.71%	2.483%
14	9.853	660	662	664	rVB	62435	72611	1.91%	0.200%
15	9.910	665	667	669	rVV	820732	1034261	27.25%	2.854%
16	10.322	701	703	704	rBV	52582	50689	1.34%	0.140%
17	10.345	704	705	707	rVB	130845	112403	2.96%	0.310%
18	10.562	722	724	728	rBV	42739	80205	2.11%	0.221%
19	10.710	734	737	739	rBV2	1757803	2391283	63.01%	6.600%
20	10.825	744	747	751	rVB	108659	182152	4.80%	0.503%
21	11.008	761	763	768	rBV2	23535	64537	1.70%	0.178%
22	11.270	783	786	787	rBV	93755	103395	2.72%	0.285%
23	11.293	787	788	792	rVB	42084	48269	1.27%	0.133%
24	11.396	795	797	801	rBV2	1085177	1204589	31.74%	3.325%
25	11.453	801	802	806	rVB2	36220	71183	1.88%	0.196%
26	11.625	814	817	821	rBV2	151220	165634	4.36%	0.457%
27	11.693	821	823	825	rVV	76846	61048	1.61%	0.168%
28	11.922	842	843	846	rVV	168259	214254	5.65%	0.591%
29	12.013	849	851	855	rVB2	43675	75939	2.00%	0.210%
30	12.105	855	859	860	rBV	39874	56688	1.49%	0.156%
31	12.196	863	867	871	rVB3	31821	72785	1.92%	0.201%
32	12.448	886	889	891	rBV	33788	40243	1.06%	0.111%
33	12.493	891	893	895	rVB	28456	47721	1.26%	0.132%
34	12.608	901	903	906	rBV	302260	283004	7.46%	0.781%

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35	12.711	910	912	915	rBV2	65610	87108	2.30%	0.240%
36	12.802	918	920	922	rBV	213142	278898	7.35%	0.770%
37	12.836	922	923	924	rVB	216468	150700	3.97%	0.416%
38	12.985	933	936	939	rVB	3061500	2881291	75.92%	7.952%
39	13.168	948	952	953	rVB	27077	39002	1.03%	0.108%
40	13.511	980	982	984	rBV	151860	125743	3.31%	0.347%
41	13.671	992	996	998	rBV	36647	57649	1.52%	0.159%
42	13.785	1003	1006	1007	rVV2	29232	55670	1.47%	0.154%
43	13.876	1011	1014	1021	rVV3	235076	447711	11.80%	1.236%
44	14.036	1024	1028	1034	rVB2	810406	1188281	31.31%	3.280%
45	14.196	1040	1042	1045	rBV3	34497	39999	1.05%	0.110%
46	14.505	1067	1069	1072	rBV	58885	69498	1.83%	0.192%
47	14.779	1091	1093	1097	rBV2	70426	133569	3.52%	0.369%
48	15.054	1114	1117	1121	rBV	113596	230236	6.07%	0.635%
49	15.134	1122	1124	1125	rBV	53744	52410	1.38%	0.145%
50	15.351	1140	1143	1146	rVB	60549	90928	2.40%	0.251%
51	15.408	1146	1148	1151	rVV	82383	107708	2.84%	0.297%
52	15.465	1151	1153	1163	rVB	483059	836668	22.05%	2.309%
53	15.911	1190	1192	1195	rBV	30260	52203	1.38%	0.144%
54	16.882	1273	1277	1282	rVB2	32458	80720	2.13%	0.223%
55	16.974	1282	1285	1288	rVB3	19115	43769	1.15%	0.121%
56	17.305	1311	1314	1319	rVB	25119	58770	1.55%	0.162%
57	17.443	1323	1326	1331	rVV5	42443	104691	2.76%	0.289%
58	18.425	1409	1412	1421	rVB7	27115	87859	2.32%	0.242%

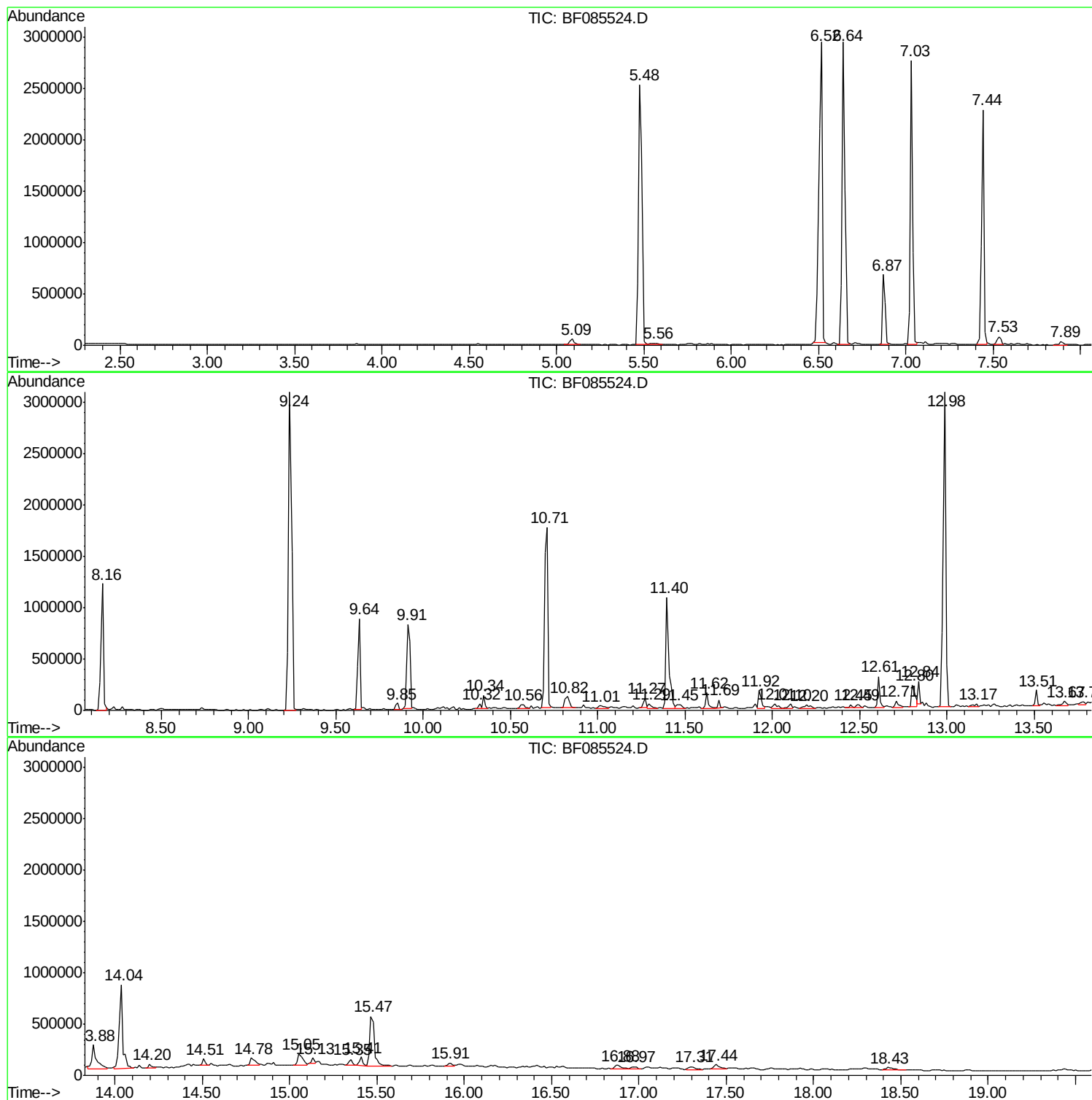
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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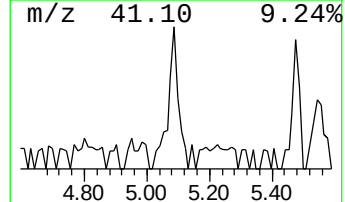
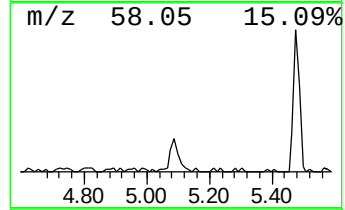
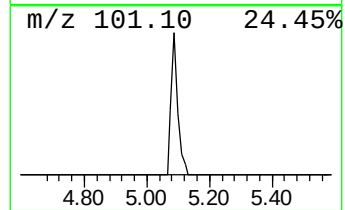
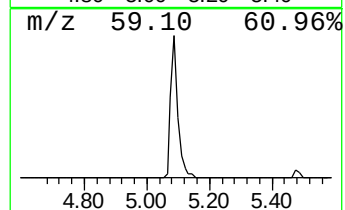
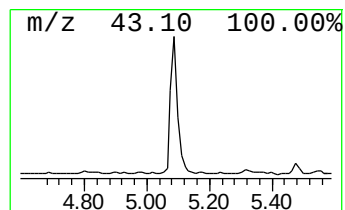
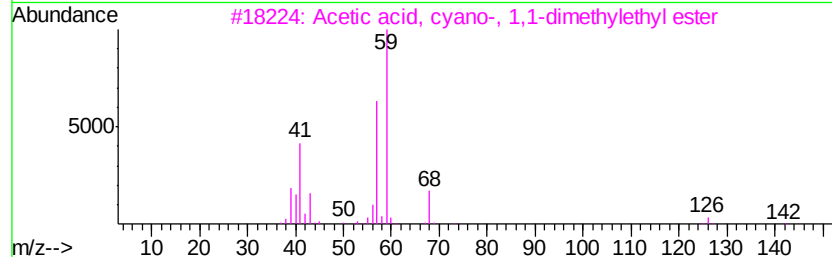
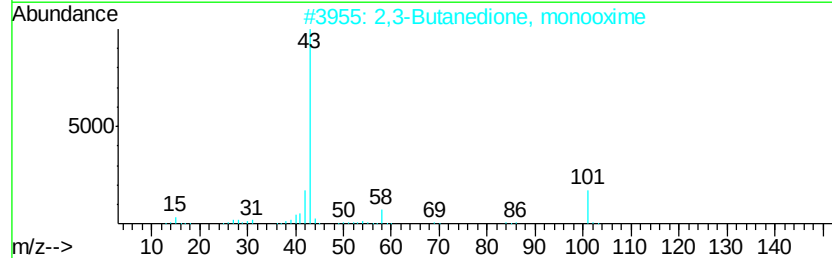
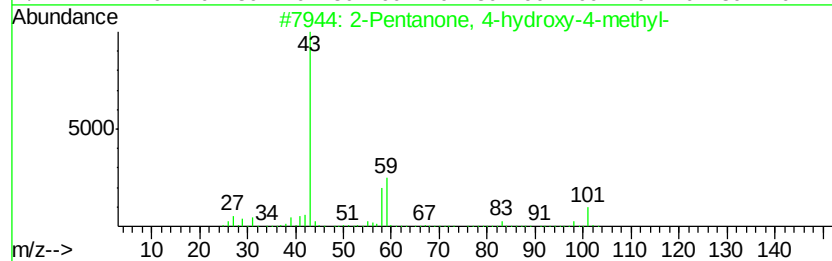
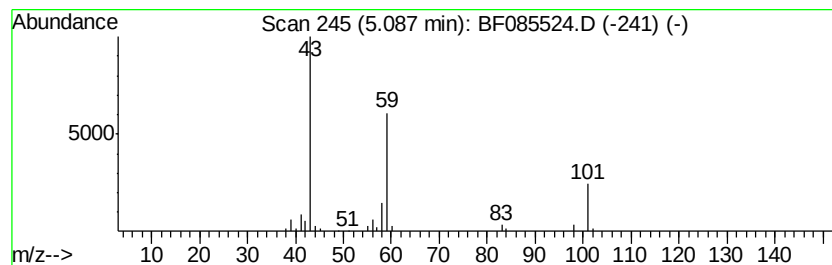
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	2.47 ng	94182	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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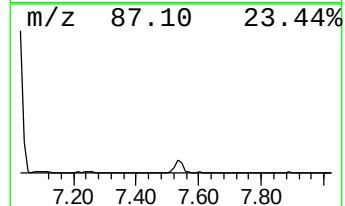
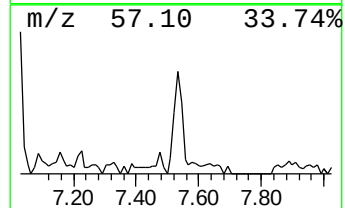
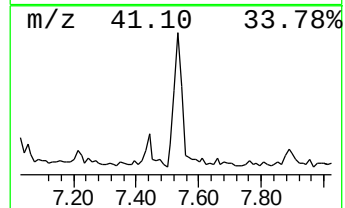
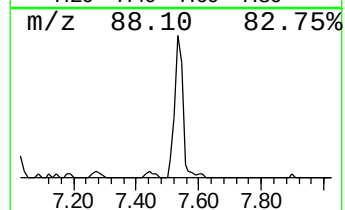
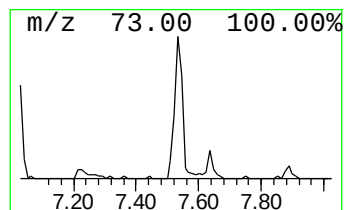
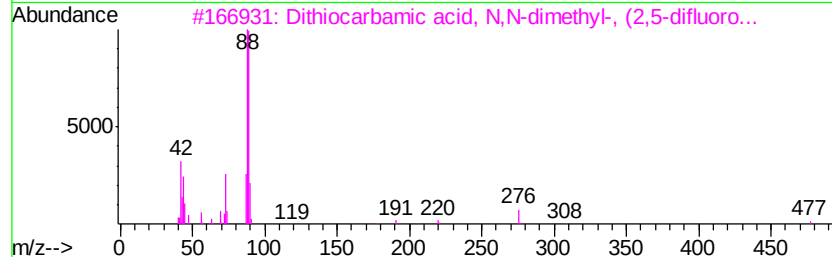
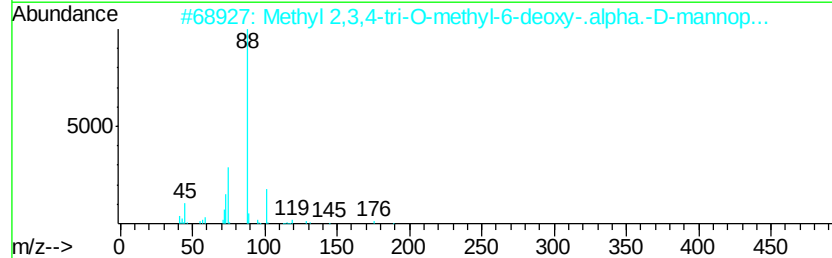
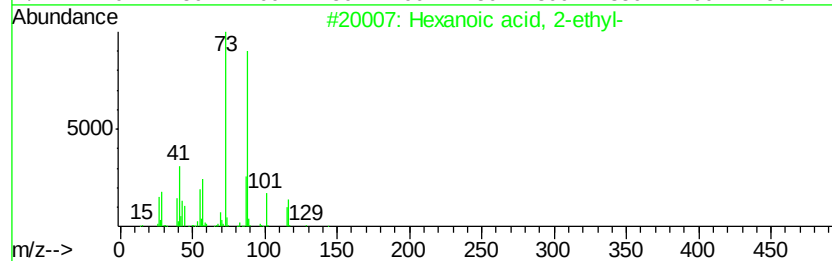
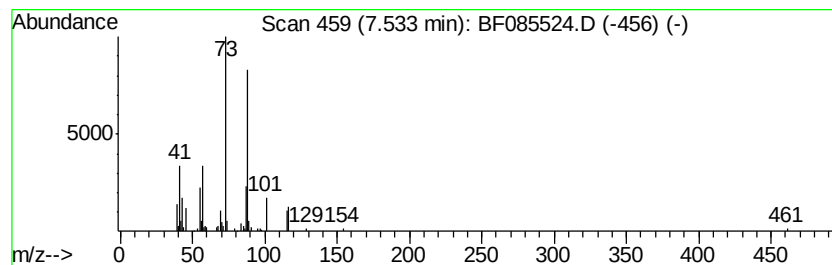
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	2.42 ng	131272	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	50
3		Dithiocarbamic acid, N,N-dimethy...	477	C13H12F9N3S3	1000268-72-7	42
4		Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	40
5		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	40



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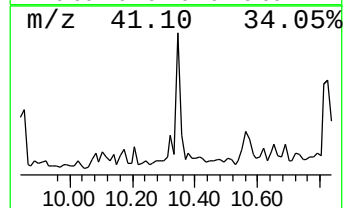
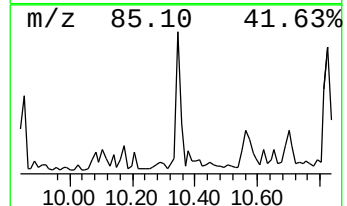
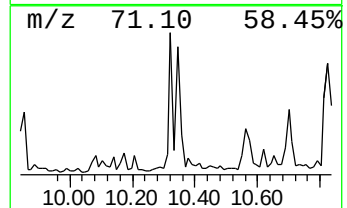
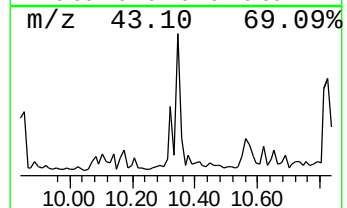
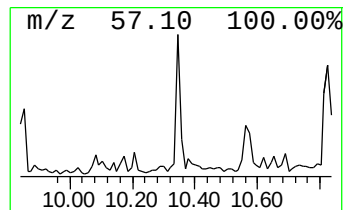
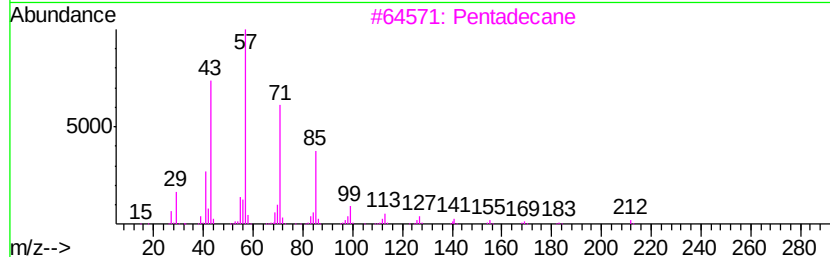
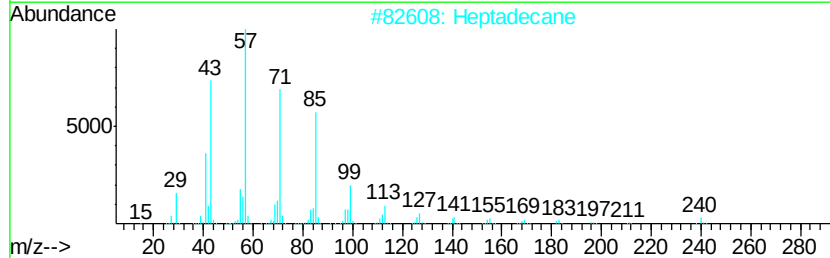
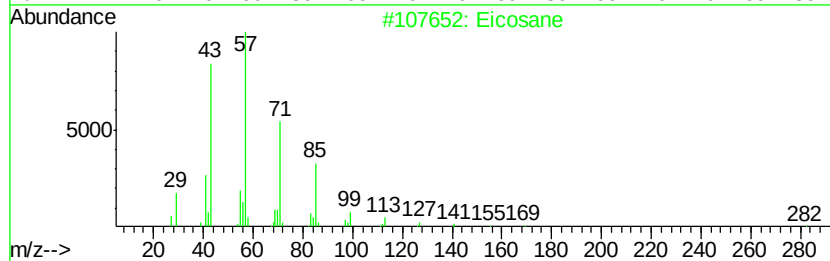
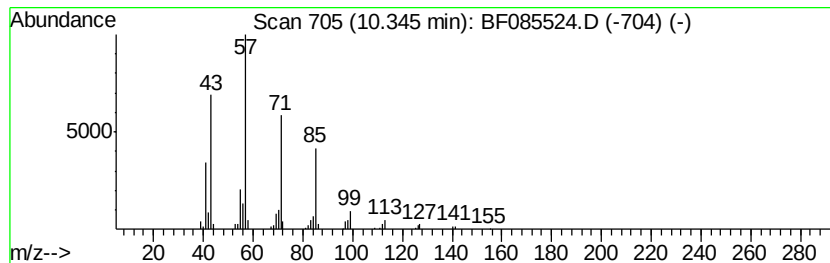
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	2.17 ng	112403	Acenaphthene-d10	9.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 91
2	Heptadecane		240 C17H36	000629-78-7 90
3	Pentadecane		212 C15H32	000629-62-9 90
4	Hexadecane		226 C16H34	000544-76-3 83
5	Decane, 2,3,5-trimethyl-		184 C13H28	062238-11-3 83



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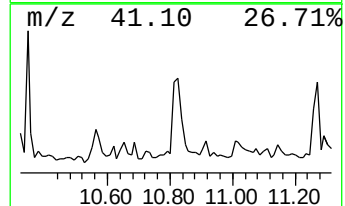
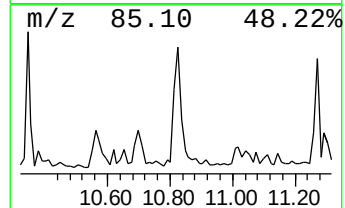
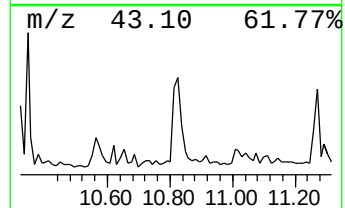
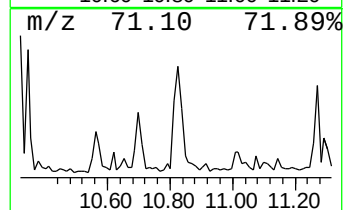
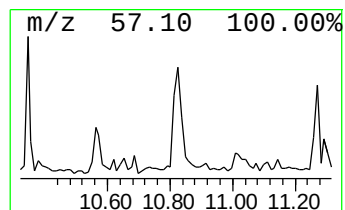
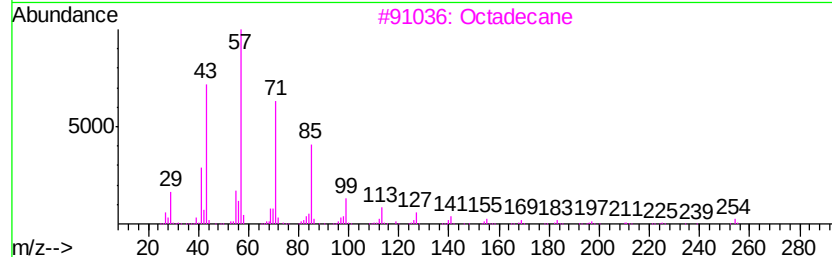
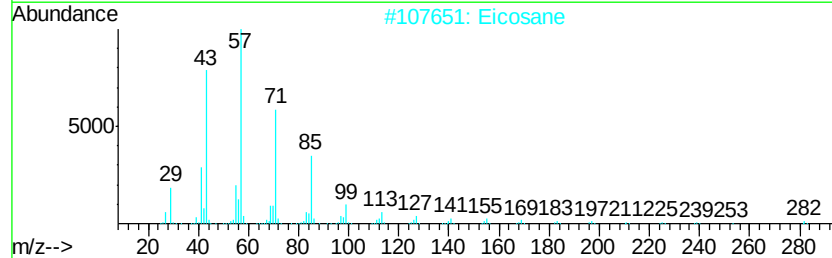
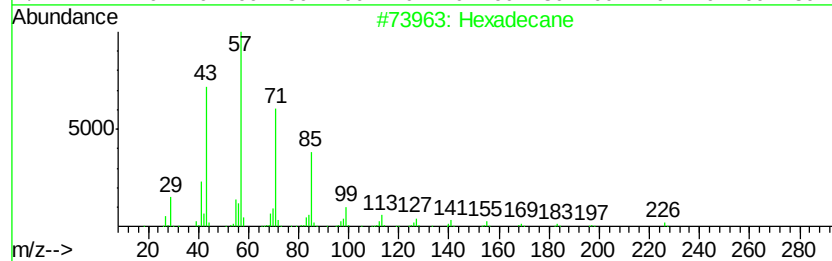
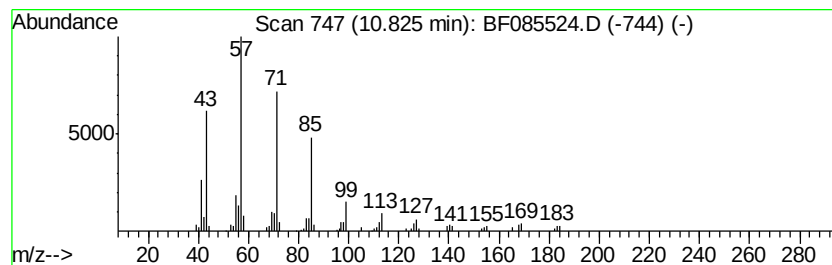
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.82	3.02 ng	182152	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetratriacontane	479	C34H70	014167-59-0	86



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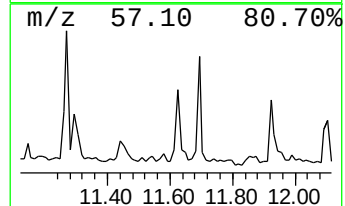
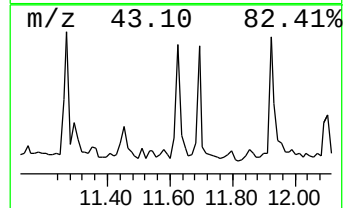
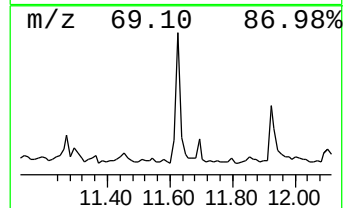
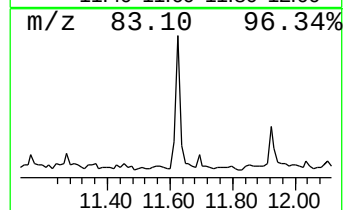
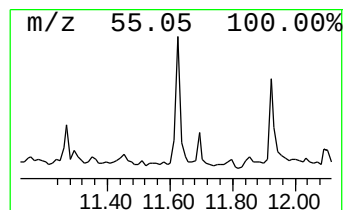
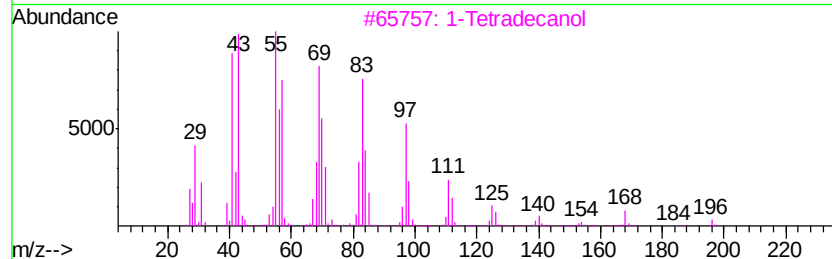
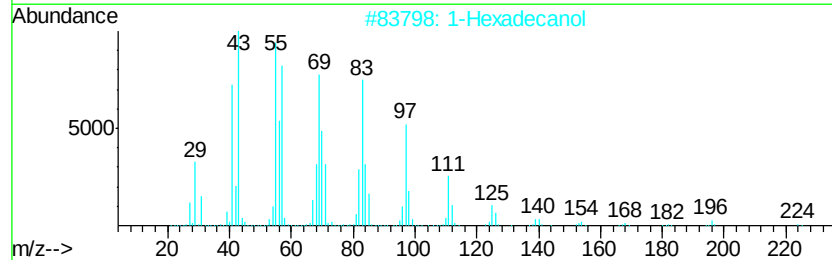
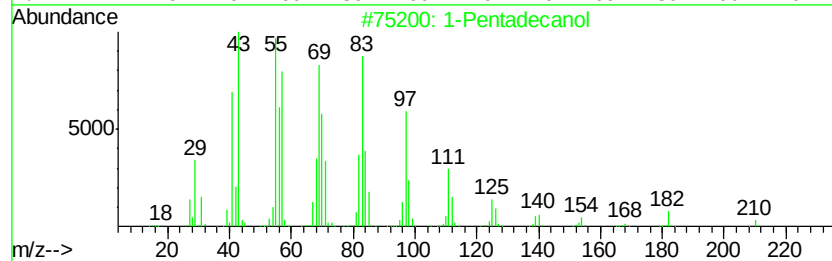
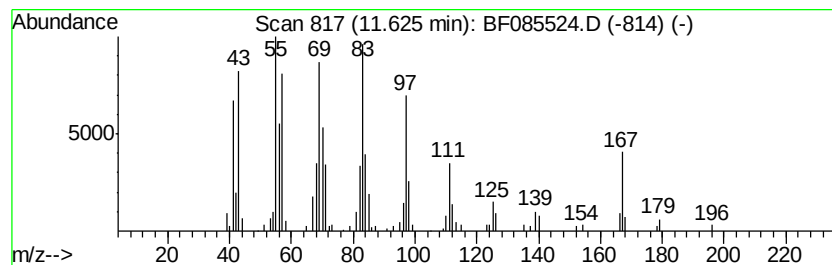
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W170TH-SB-06(0.5-3.5)

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 7 1-Pentadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.62	2.75 ng	165634	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanol	228	C15H32O	000629-76-5	93
2	1-Hexadecanol	242	C16H34O	036653-82-4	93
3	1-Tetradecanol	214	C14H30O	000112-72-1	90
4	Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	90
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085524.D
Acq On : 18 Mar 2016 7:36
Operator : UM/SJ
Sample : H1776-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

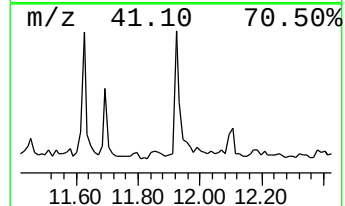
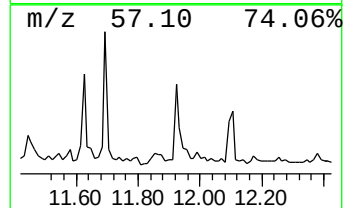
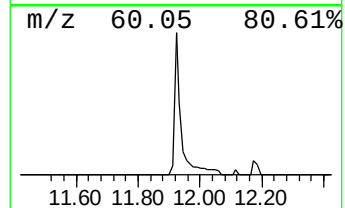
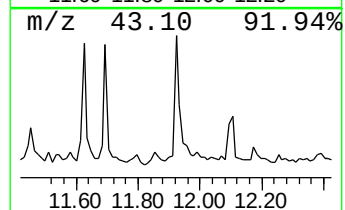
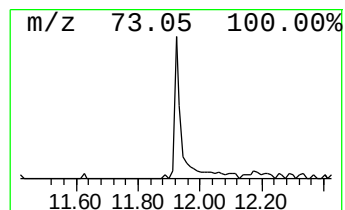
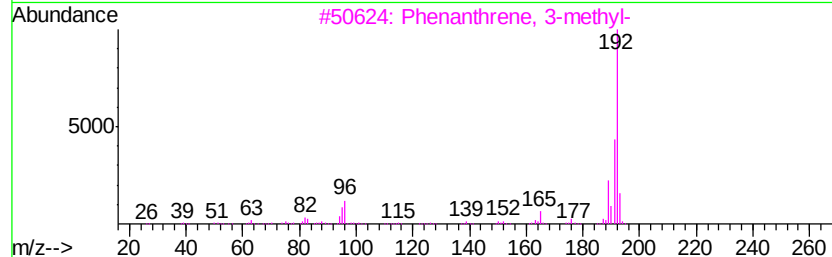
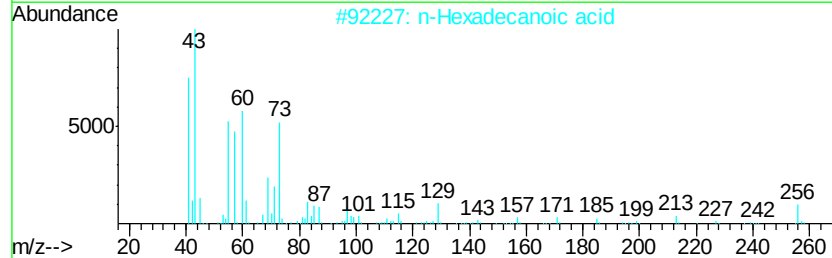
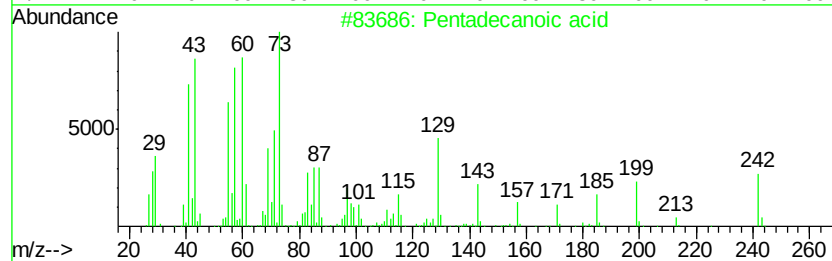
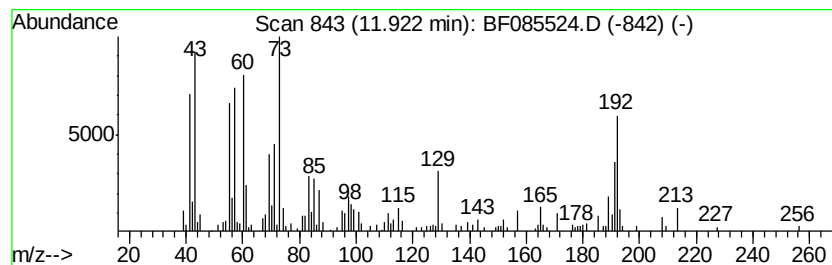
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.92	3.56 ng	214254	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	45
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	44
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085524.D
Acq On : 18 Mar 2016 7:36
Operator : UM/SJ
Sample : H1776-08
Misc :
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Instrument :
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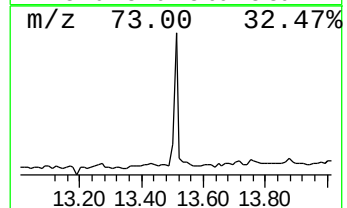
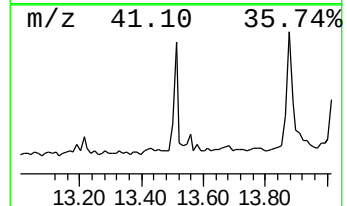
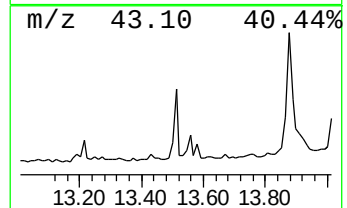
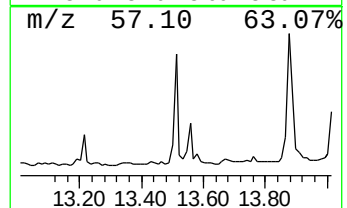
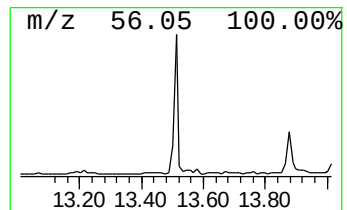
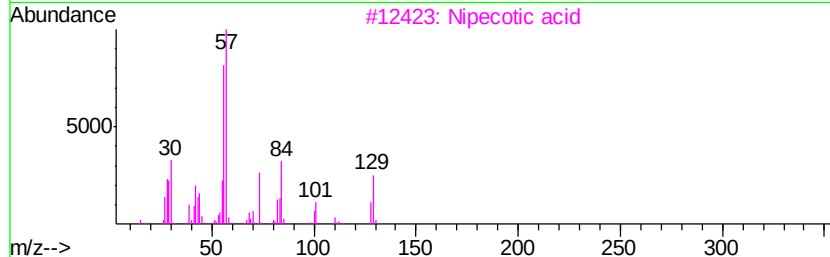
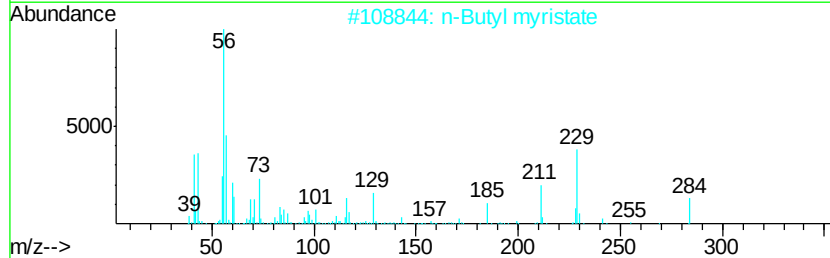
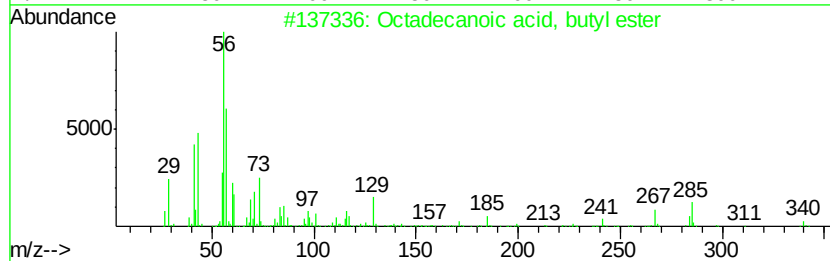
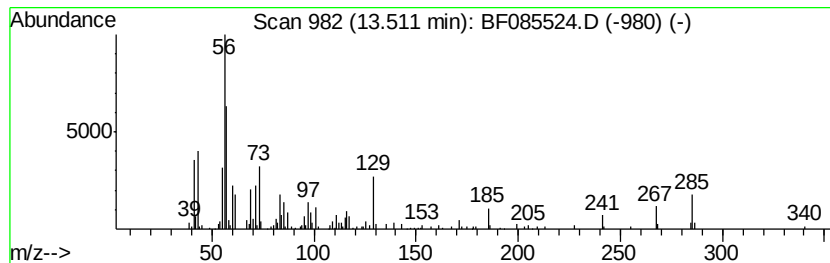
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.12 ng	125743	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2		n-Butyl myristate	284	C18H36O2	000110-36-1	58
3		Nipecotic acid	129	C6H11NO2	000498-95-3	47
4		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	46
5		1-Piperidinyloxy, 4-(hydroxyimin...	185	C9H17N2O2	003229-75-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085524.D
Acq On : 18 Mar 2016 7:36
Operator : UM/SJ
Sample : H1776-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

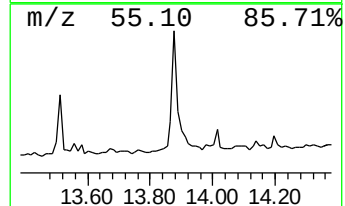
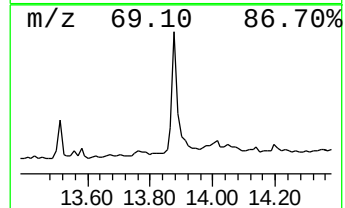
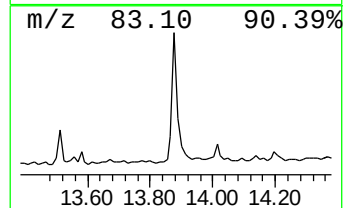
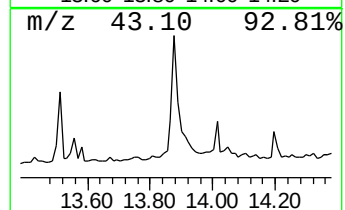
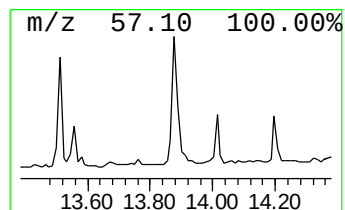
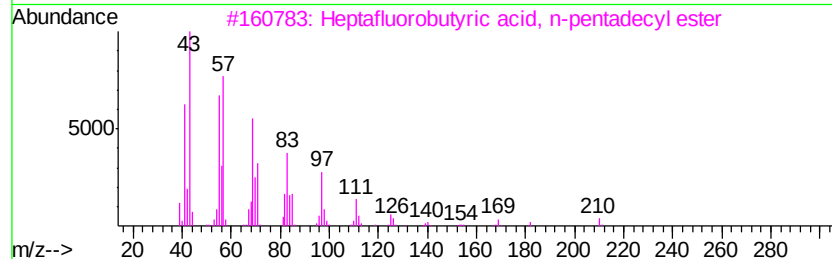
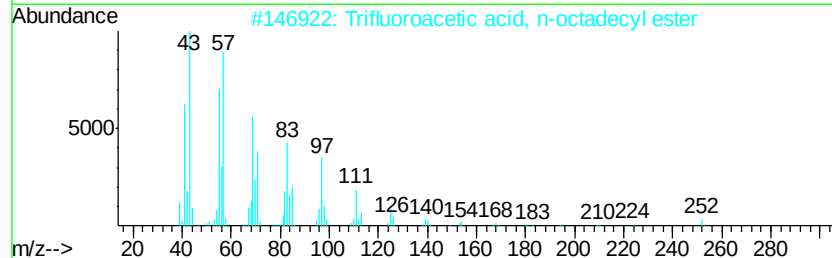
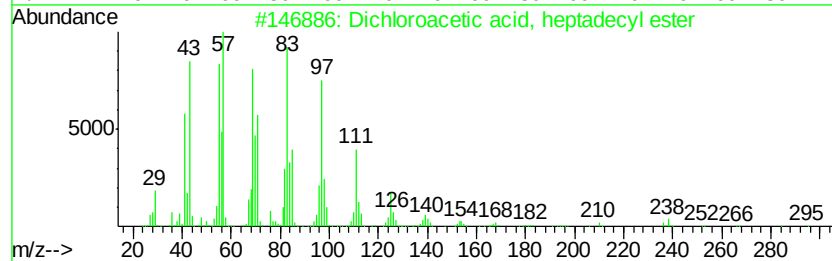
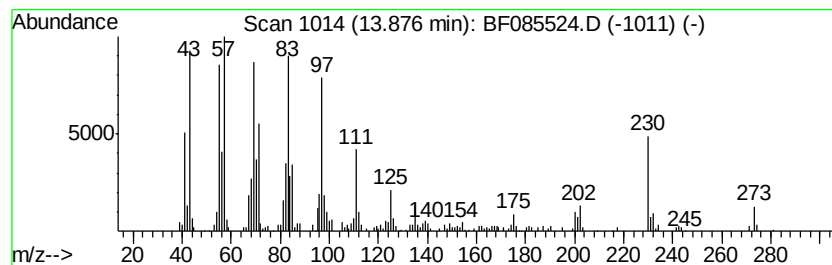
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	7.54 ng	447711	Chrysene-d12	14.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2			Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
3			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	81
4			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	81
5			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
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Misc :
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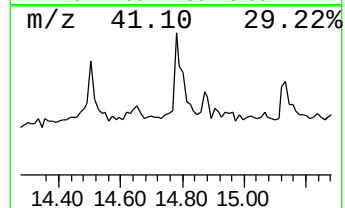
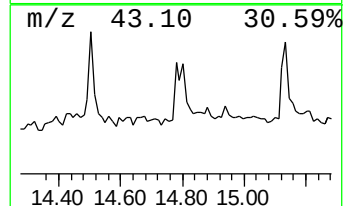
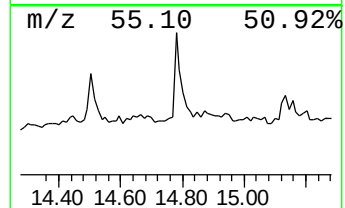
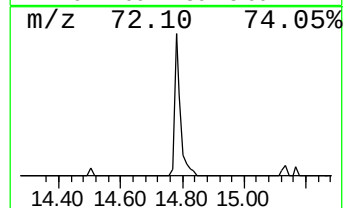
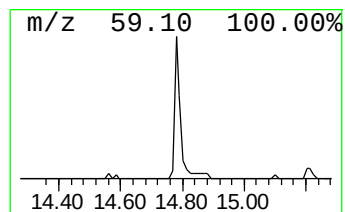
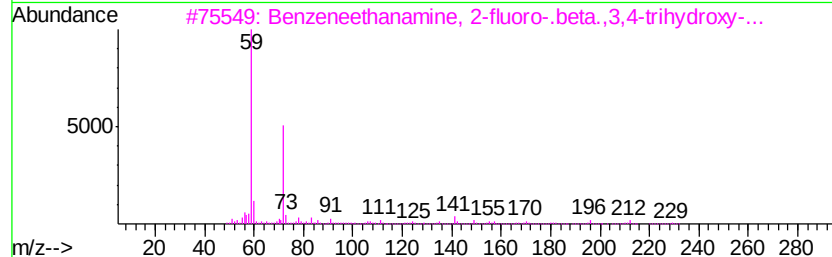
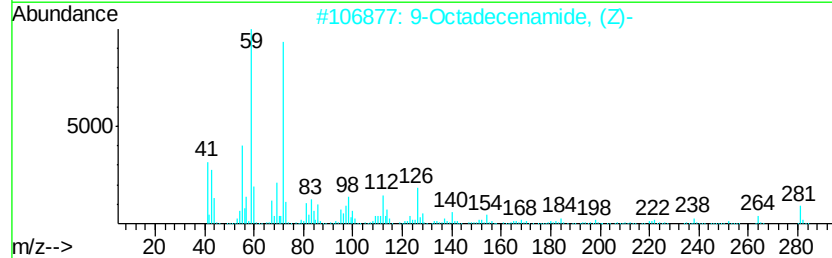
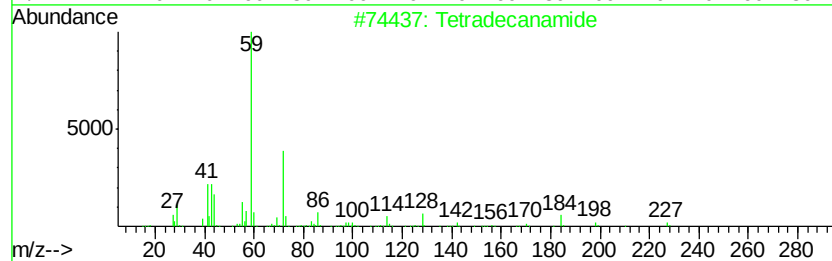
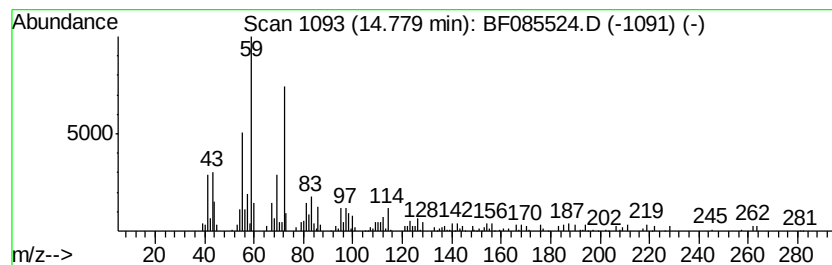
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.78	3.19 ng	133569	Perylene-d12	15.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	78
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	64
4	Dodecanamide	199	C12H25NO	001120-16-7	53
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
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Operator : UM/SJ
Sample : H1776-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	2.5	ng	94182	1	6.87	764129	20.0
Hexanoic acid, 2-...	7.53	2.4	ng	131272	2	8.16	1085130	20.0
Eicosane	10.34	2.2	ng	112403	3	9.91	1034260	20.0
Hexadecane	10.82	3.0	ng	182152	4	11.40	1204590	20.0
1-Pentadecanol	11.62	2.8	ng	165634	4	11.40	1204590	20.0
Pentadecanoic acid	11.92	3.6	ng	214254	4	11.40	1204590	20.0
Octadecanoic acid...	13.51	2.1	ng	125743	5	14.04	1188280	20.0
Dichloroacetic ac...	13.88	7.5	ng	447711	5	14.04	1188280	20.0
Tetradecanamide	14.78	3.2	ng	133569	6	15.48	836668	20.0