

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091016.D
 Acq On : 4 Nov 2016 10:20
 Operator : UM/SJ
 Sample : H5509-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-95-7.8-20.0

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-BF110316.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	1.778	7	8	33	rVB	2353534	5432229	80.88%	6.358%
2	2.144	33	40	48	rVV	1461411	2623913	39.07%	3.071%
3	2.258	48	50	53	rVV	61758	79495	1.18%	0.093%
4	2.304	53	54	68	rVB2	25961	93396	1.39%	0.109%
5	4.853	274	277	280	rBV	1260368	1662169	24.75%	1.945%
6	5.299	313	316	323	rBV	3206891	3515907	52.35%	4.115%
7	5.653	343	347	349	rBV	2910249	3980388	59.26%	4.658%
8	6.350	405	408	410	rBV	2455243	2498738	37.20%	2.924%
9	6.476	416	419	421	rBV	4597997	5345909	79.60%	6.257%
10	6.522	421	423	432	rVB3	60496	146875	2.19%	0.172%
11	6.704	436	439	441	rBV	1005776	1128099	16.80%	1.320%
12	6.853	450	452	454	rBV	3436021	4614291	68.70%	5.400%
13	6.899	454	456	462	rVB	323505	445482	6.63%	0.521%
14	7.104	471	474	483	rVB4	26397	115809	1.72%	0.136%
15	7.276	485	489	491	rBV	3062578	4217019	62.79%	4.935%
16	7.356	494	496	499	rVB	125694	121695	1.81%	0.142%
17	7.985	549	551	554	rBV	1391313	1561425	23.25%	1.827%
18	8.122	560	563	565	rBV	47617	69463	1.03%	0.081%
19	8.236	571	573	581	rVB2	37787	77366	1.15%	0.091%
20	8.522	596	598	600	rBV	102578	101128	1.51%	0.118%
21	8.853	625	627	631	rBV2	46148	75346	1.12%	0.088%
22	9.070	642	646	649	rBV	5815365	6716349	100.00%	7.860%
23	9.550	684	688	695	rVB3	54001	133272	1.98%	0.156%
24	9.745	702	705	706	rBV	1362096	1780881	26.52%	2.084%
25	9.962	720	724	728	rBV2	357633	624261	9.29%	0.731%
26	10.156	738	741	748	rVV4	45284	139710	2.08%	0.164%
27	10.282	748	752	756	rVB2	50290	127595	1.90%	0.149%
28	10.453	764	767	771	rBV	37223	115677	1.72%	0.135%
29	10.533	771	774	776	rBV	3135234	3480892	51.83%	4.074%
30	10.899	802	806	812	rBV2	309504	682492	10.16%	0.799%
31	11.219	832	834	838	rBV2	1660223	1939428	28.88%	2.270%
32	11.276	838	839	843	rVB3	55876	109635	1.63%	0.128%
33	11.459	851	855	858	rBV2	58972	96167	1.43%	0.113%
34	11.779	879	883	887	rBV	2639628	3942764	58.70%	4.614%

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35	11.916	892	895	896	rBV	207517	325941	4.85%	0.381%
36	12.431	936	940	941	rBV2	142566	247222	3.68%	0.289%
37	12.465	941	943	948	rVB2	105599	203675	3.03%	0.238%
38	12.568	948	952	957	rBV	3039557	5255573	78.25%	6.151%
39	12.648	957	959	961	rVB2	174573	260477	3.88%	0.305%
40	12.819	971	974	976	rVB	5486925	6362200	94.73%	7.446%
41	13.036	991	993	1001	rVB	165017	228190	3.40%	0.267%
42	13.276	1012	1014	1018	rVB2	38672	80998	1.21%	0.095%
43	13.379	1018	1023	1028	rVB2	400412	660728	9.84%	0.773%
44	13.654	1044	1047	1048	rBV	200839	278817	4.15%	0.326%
45	13.722	1048	1053	1056	rVV3	1511821	2437378	36.29%	2.853%
46	13.859	1061	1065	1067	rBV	1130523	1768188	26.33%	2.069%
47	14.019	1077	1079	1082	rVB	674063	841527	12.53%	0.985%
48	14.328	1103	1106	1109	rBV	930301	940943	14.01%	1.101%
49	14.488	1117	1120	1122	rBV	1519687	2044990	30.45%	2.393%
50	14.602	1127	1130	1134	rBV2	1659379	2552557	38.01%	2.987%
51	14.659	1134	1135	1140	rVB2	69516	133516	1.99%	0.156%
52	14.922	1156	1158	1162	rVB	351964	558232	8.31%	0.653%
53	15.242	1183	1186	1188	rBV	984247	1341625	19.98%	1.570%
54	15.665	1220	1223	1226	rBV	142224	279185	4.16%	0.327%
55	15.780	1231	1233	1238	rVB5	43611	98849	1.47%	0.116%
56	16.111	1258	1262	1269	rVB	99524	233433	3.48%	0.273%
57	16.637	1304	1308	1311	rBV	51248	112859	1.68%	0.132%
58	17.048	1340	1344	1351	rVB6	58494	170968	2.55%	0.200%
59	17.243	1358	1361	1366	rVB	35211	81504	1.21%	0.095%
60	17.677	1396	1399	1405	rVB	34685	83121	1.24%	0.097%
61	18.831	1496	1500	1506	rVB4	18286	67359	1.00%	0.079%

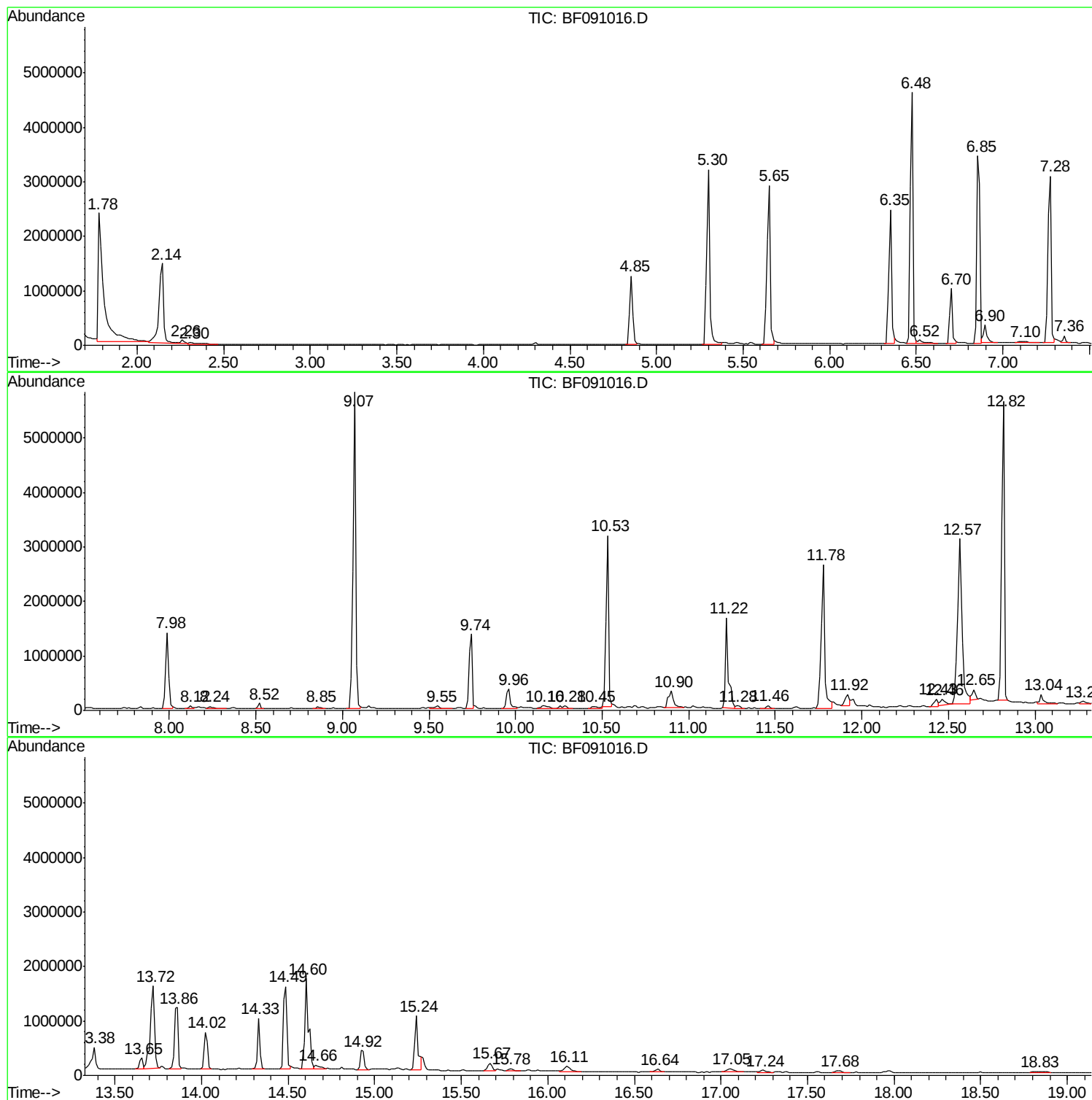
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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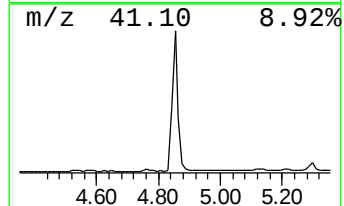
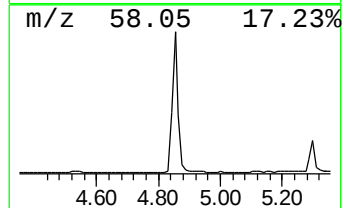
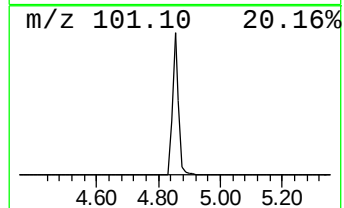
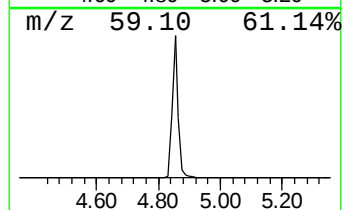
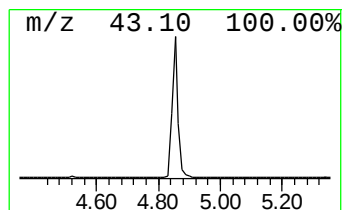
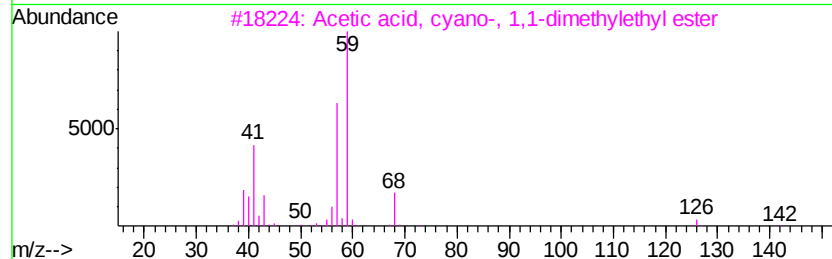
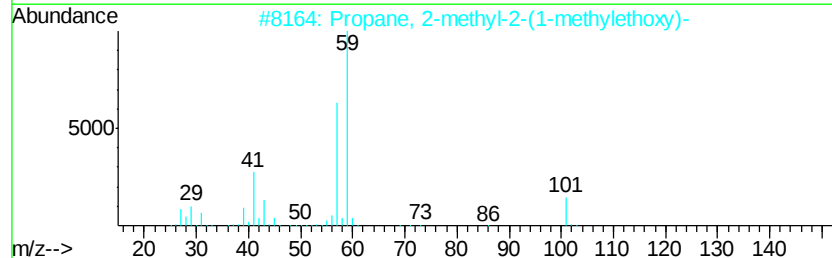
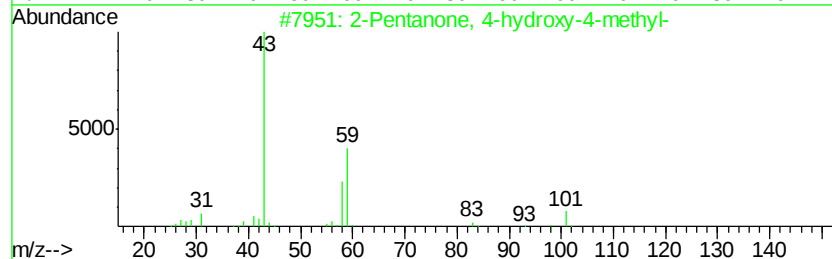
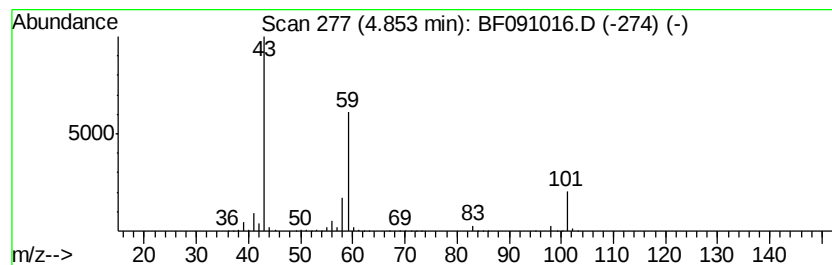
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	29.47 ng	1662170	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Acetone	58	C3H6O	000067-64-1	9



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Instrument :
BNA_F
ClientSampled :
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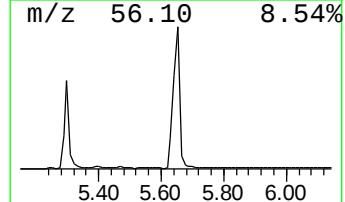
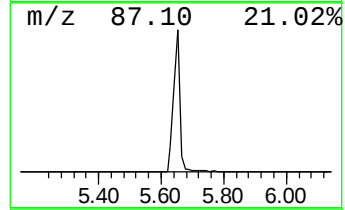
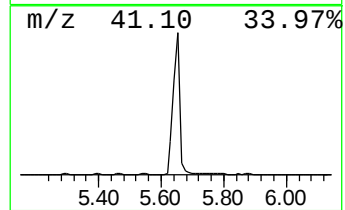
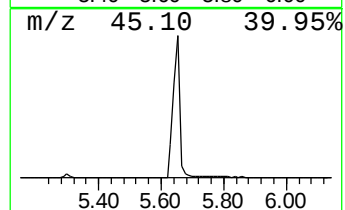
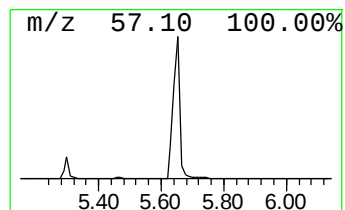
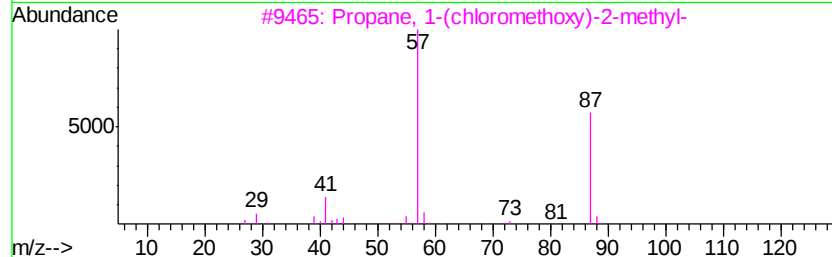
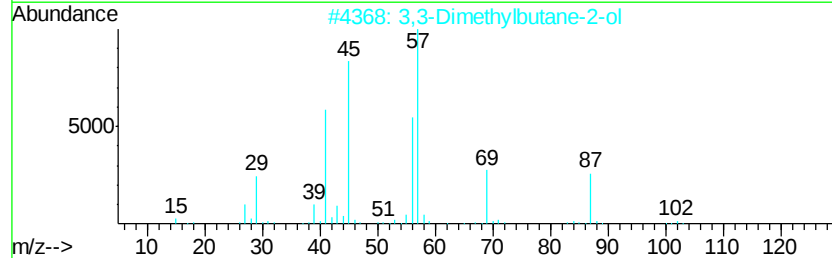
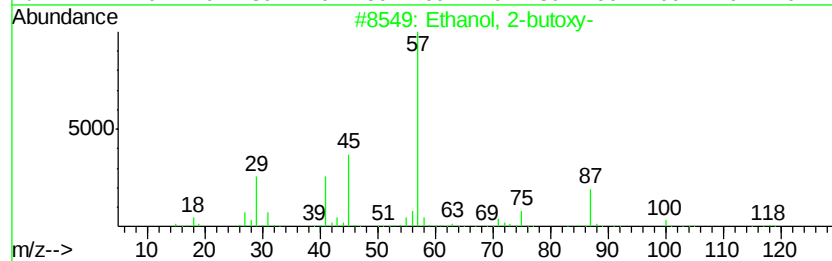
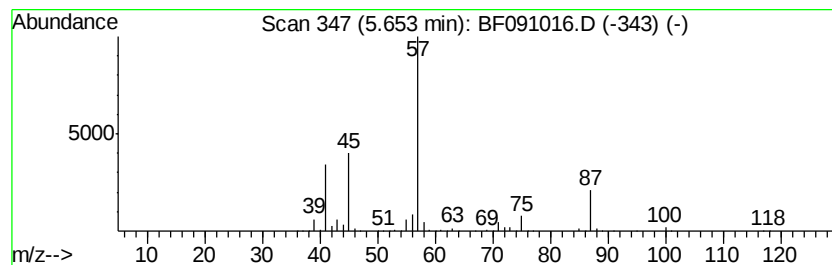
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	70.57 ng	3980390	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	59
3		Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	35
4		n-Butyl ether	130	C8H18O	000142-96-1	25
5		1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	17



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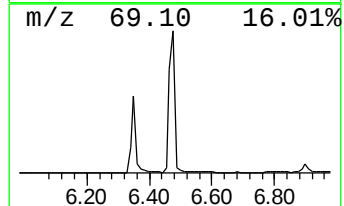
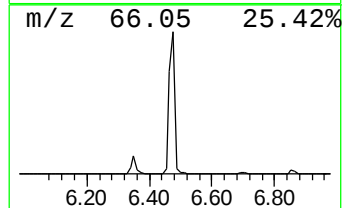
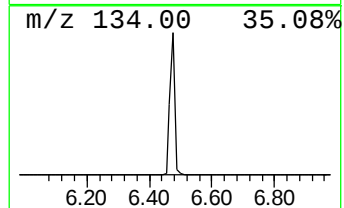
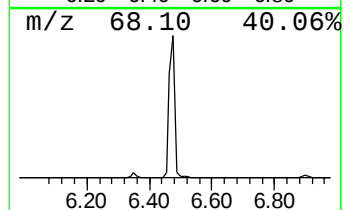
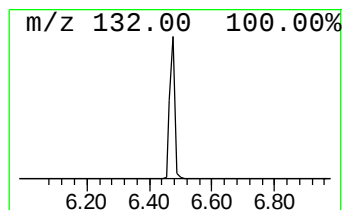
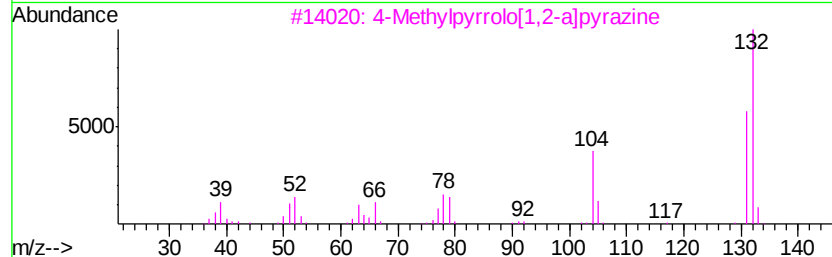
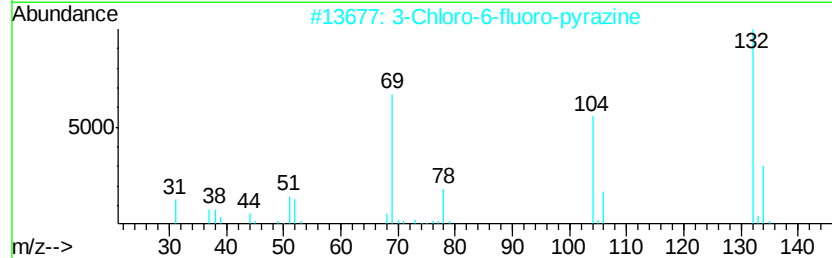
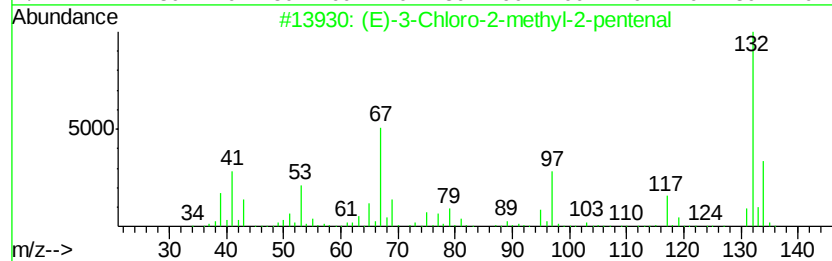
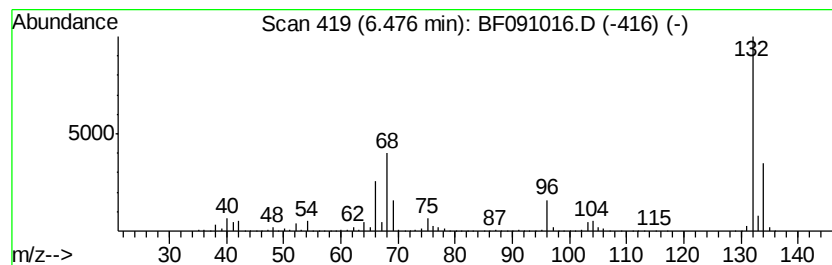
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	94.78 ng	5345910	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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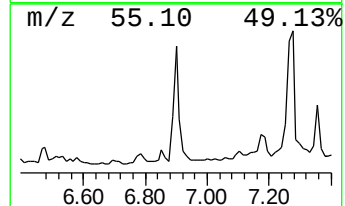
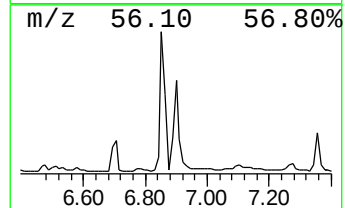
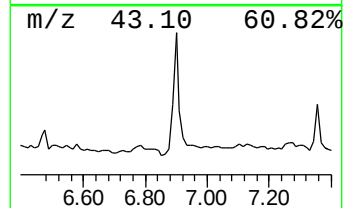
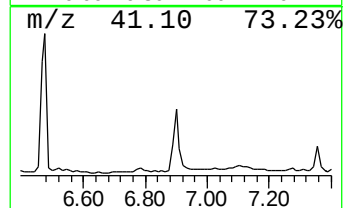
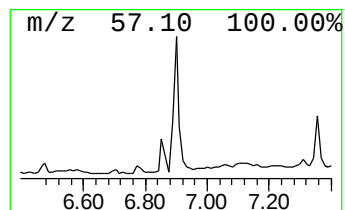
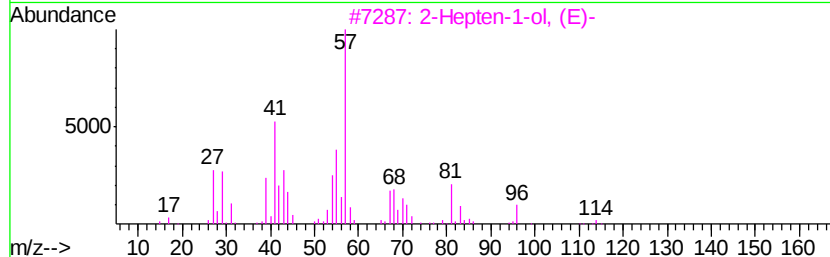
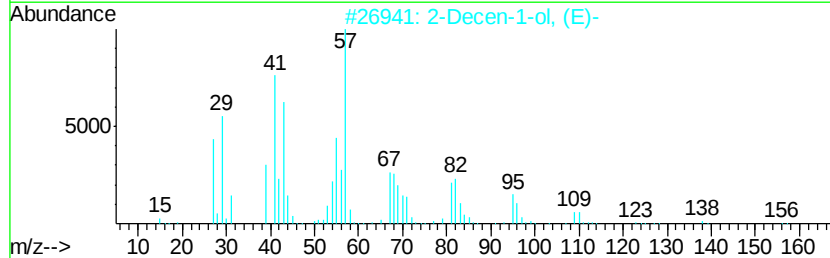
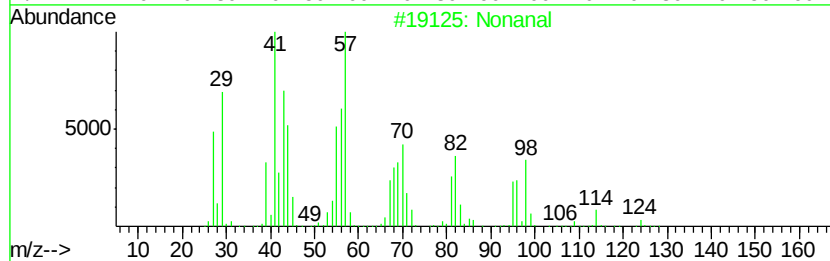
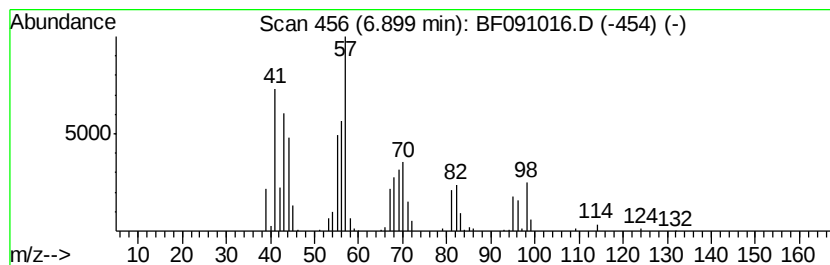
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 Nonanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	7.90 ng	445482	1,4-Dichlorobenzene-d4	6.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 90
2	2-Decen-1-ol, (E)-		156 C10H20O	018409-18-2 35
3	2-Hepten-1-ol, (E)-		114 C7H14O	033467-76-4 30
4	Cyclohexanol		100 C6H12O	000108-93-0 27
5	Heptane, 2-chloro-		134 C7H15Cl	001001-89-4 27



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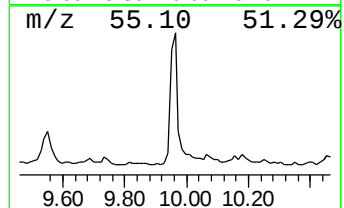
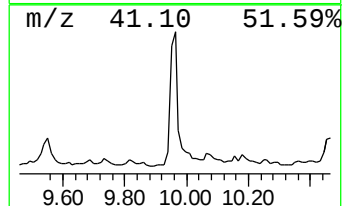
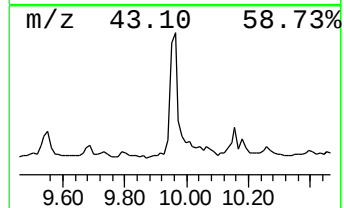
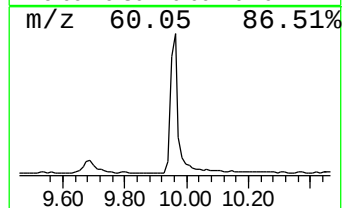
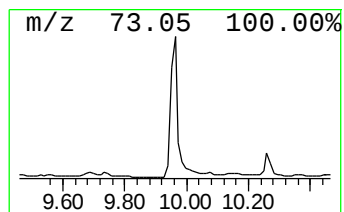
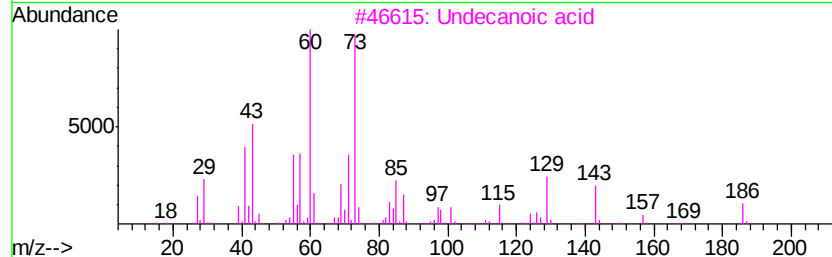
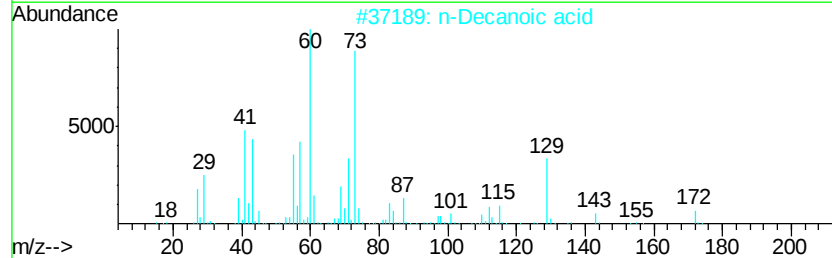
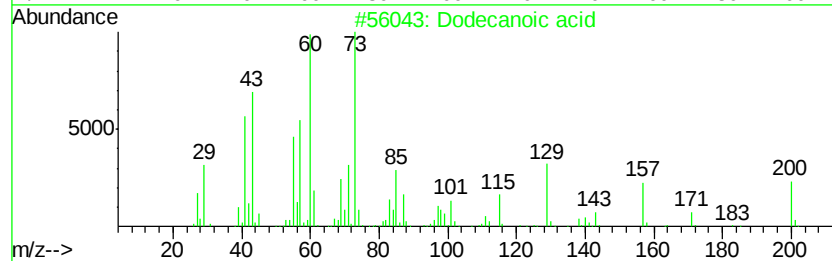
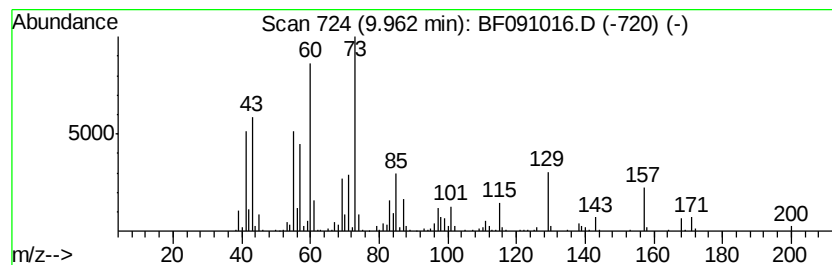
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GW-95-7.8-20.0

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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 Dodecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	7.01 ng	624261	Acenaphthene-d10	9.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	91
2	n-Decanoic acid	172 C10H20O2	000334-48-5	59
3	Undecanoic acid	186 C11H22O2	000112-37-8	56
4	Nonanoic acid	158 C9H18O2	000112-05-0	53
5	Hexanoic acid, 6-bromo-	194 C6H11BrO2	004224-70-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
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Acq On : 4 Nov 2016 10:20
Operator : UM/SJ
Sample : H5509-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

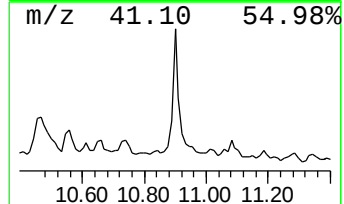
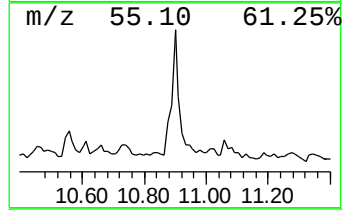
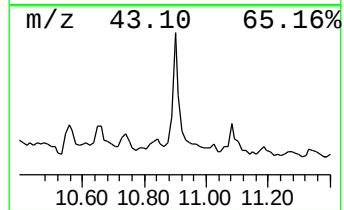
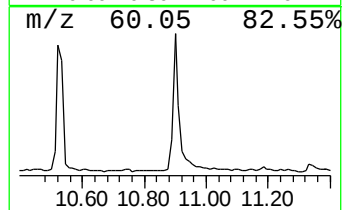
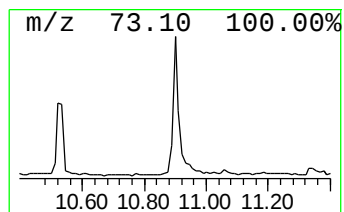
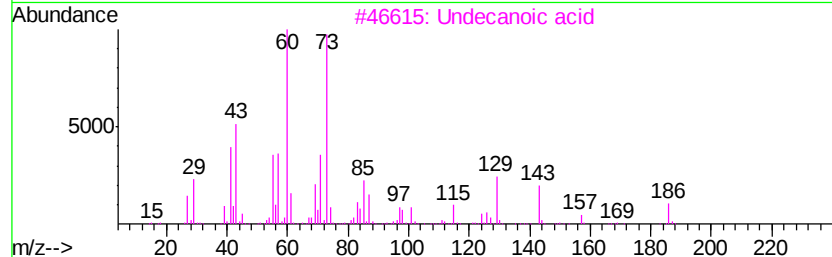
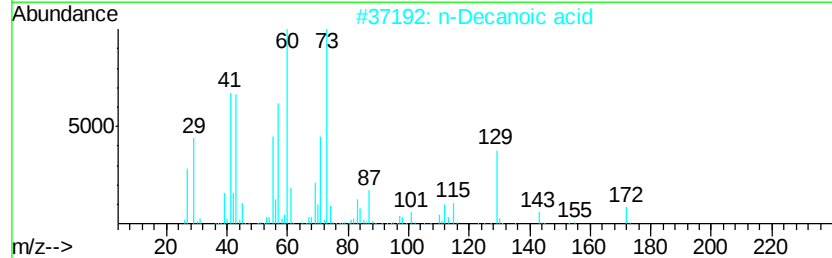
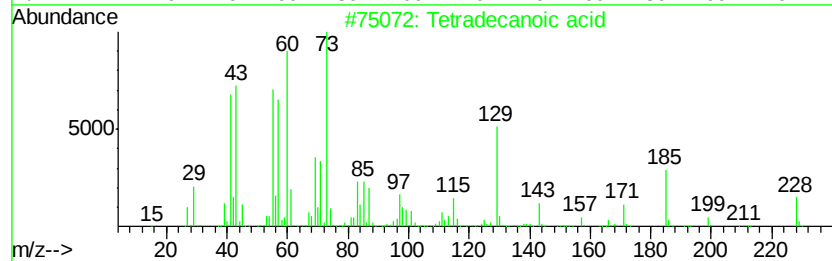
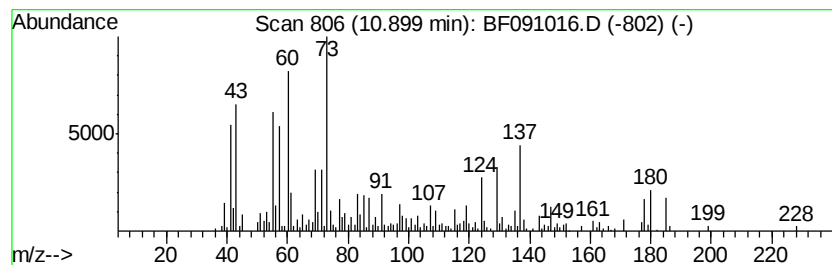
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.90	7.04 ng	682492	Phenanthrene-d10		11.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2		n-Decanoic acid	172	C10H20O2	000334-48-5	46
3		Undecanoic acid	186	C11H22O2	000112-37-8	43
4		Tridecanoic acid	214	C13H26O2	000638-53-9	43
5		Nonanoic acid	158	C9H18O2	000112-05-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091016.D
Acq On : 4 Nov 2016 10:20
Operator : UM/SJ
Sample : H5509-25
Misc :
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ClientSampleId :
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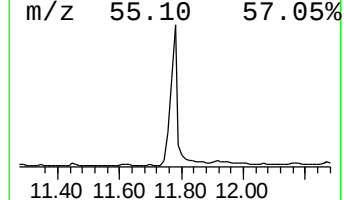
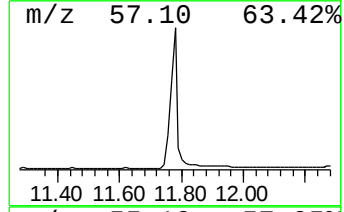
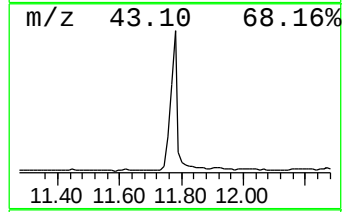
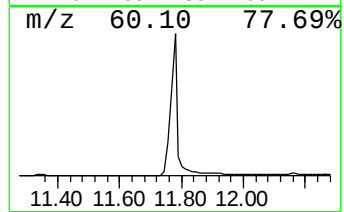
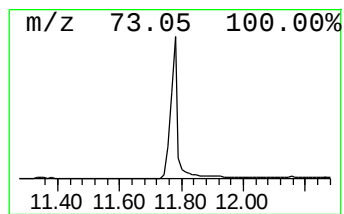
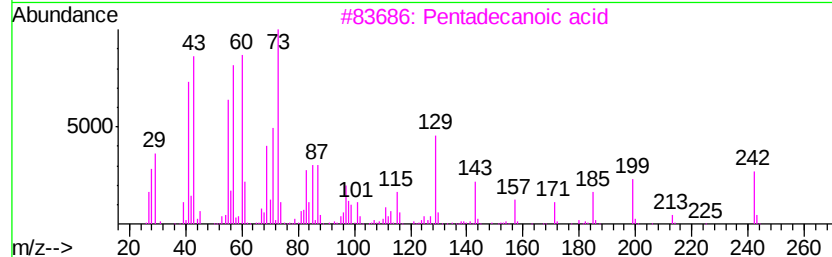
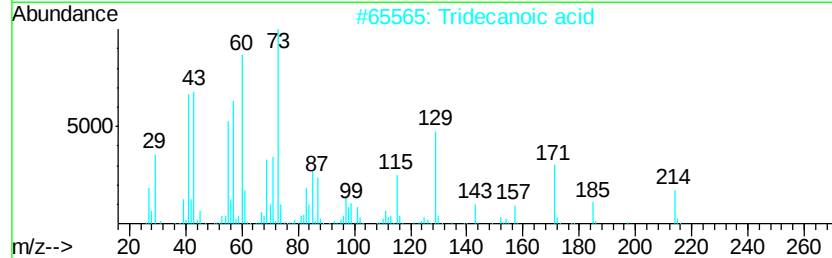
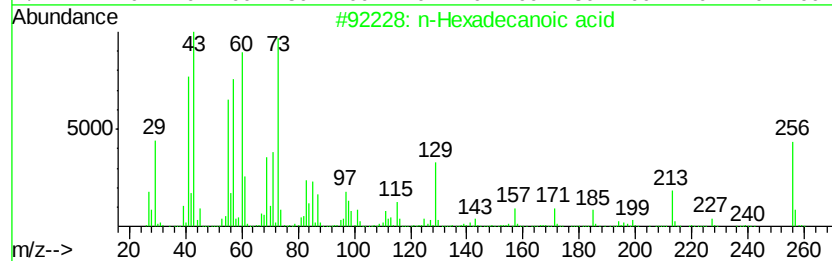
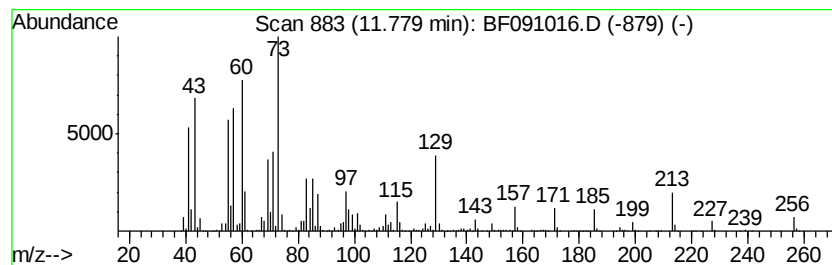
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	40.66 ng	3942760	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091016.D
Acq On : 4 Nov 2016 10:20
Operator : UM/SJ
Sample : H5509-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

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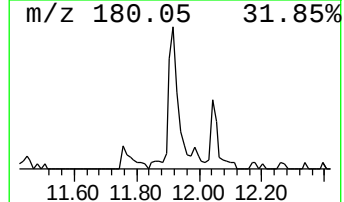
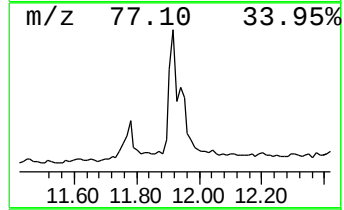
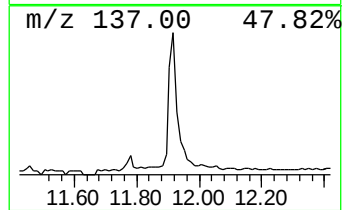
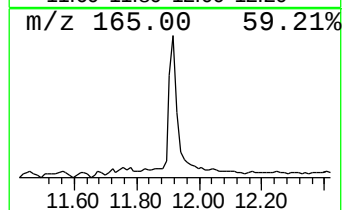
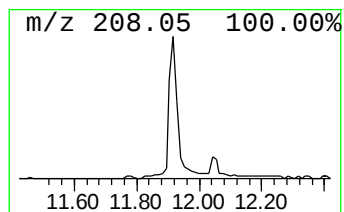
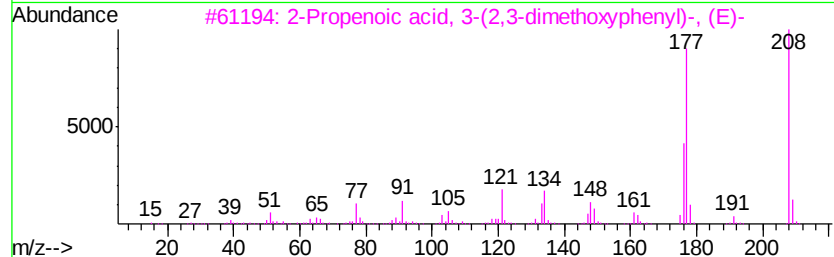
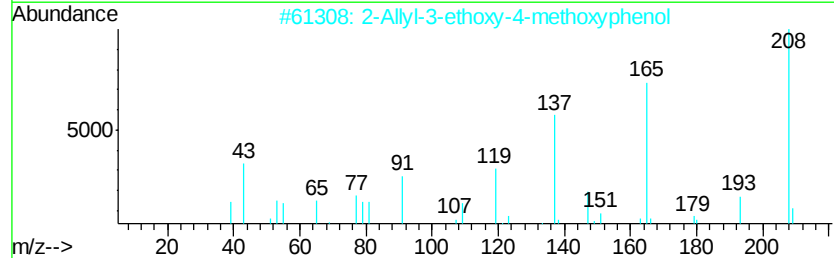
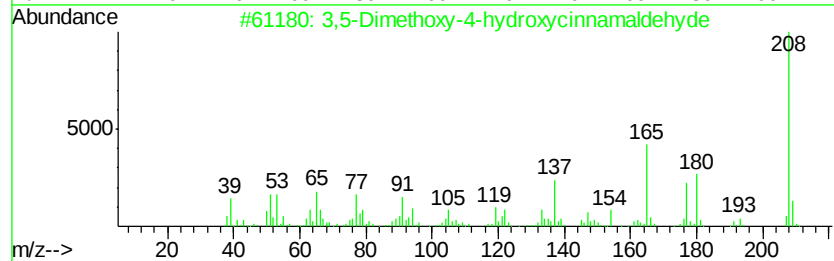
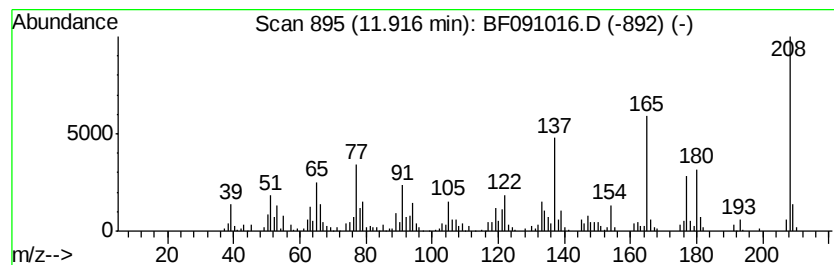
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3,5-Dimethoxy-4-hydroxycinn... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.36 ng	325941	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethoxy-4-hydroxycinnamaldehyde	208	C11H12O4	087345-53-7	97
2		2-Allyl-3-ethoxy-4-methoxyphenol	208	C12H16O3	1000122-70-6	58
3		2-Propenoic acid, 3-(2,3-dimethoxyphenyl)-	208	C11H12O4	007345-82-6	45
4		Benzene, 1,2,3-trimethoxy-5-(2-propenyl)-	208	C12H16O3	000487-11-6	43
5		Benzene, 1,2,4-trimethoxy-5-(1-propenyl)-	208	C12H16O3	005273-86-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
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Operator : UM/SJ
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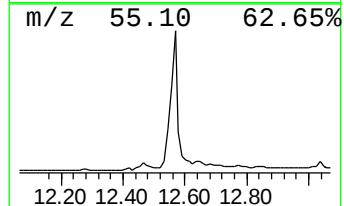
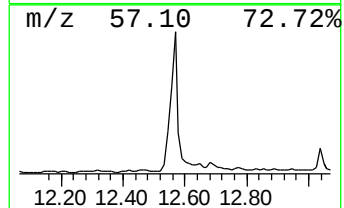
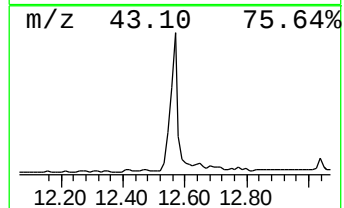
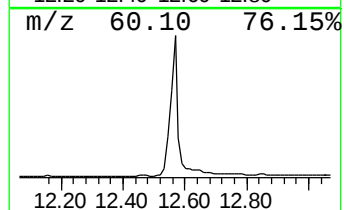
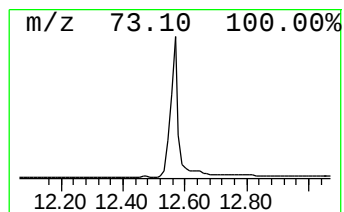
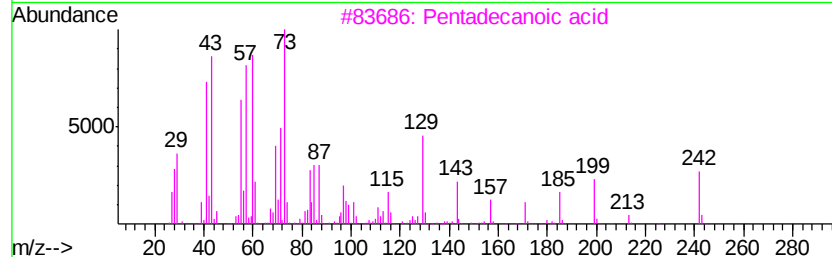
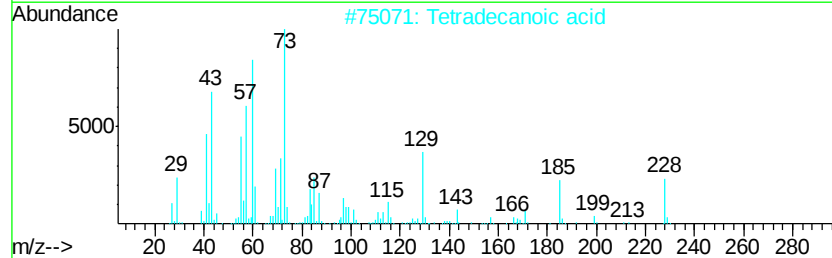
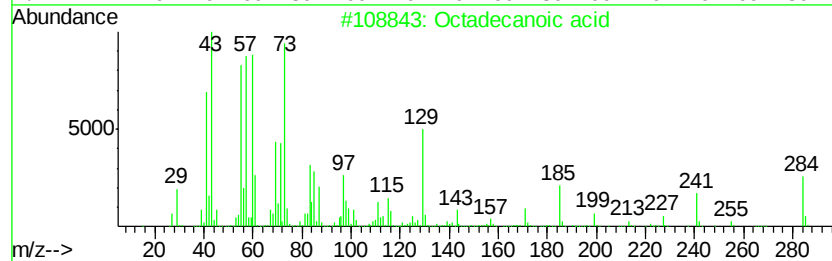
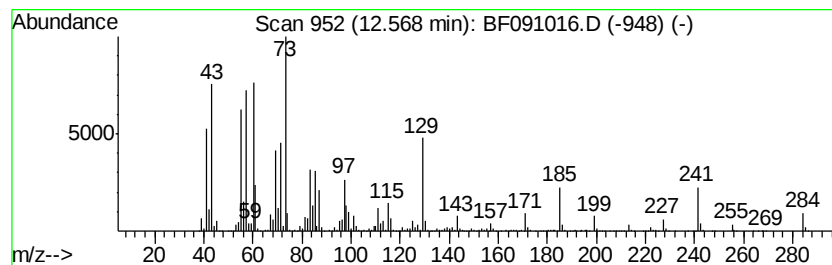
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	59.45 ng	5255570	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	15
5		Tetradecane	198	C14H30	000629-59-4	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091016.D
Acq On : 4 Nov 2016 10:20
Operator : UM/SJ
Sample : H5509-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

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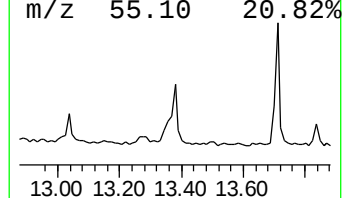
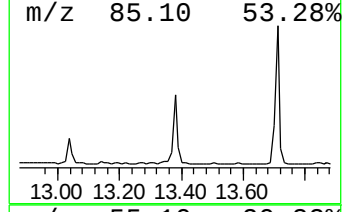
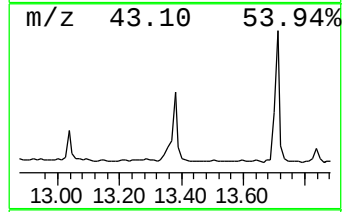
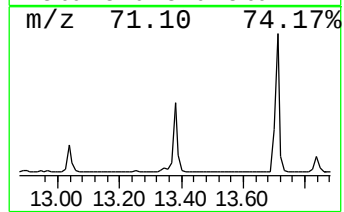
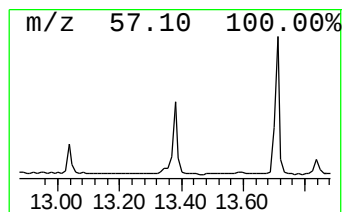
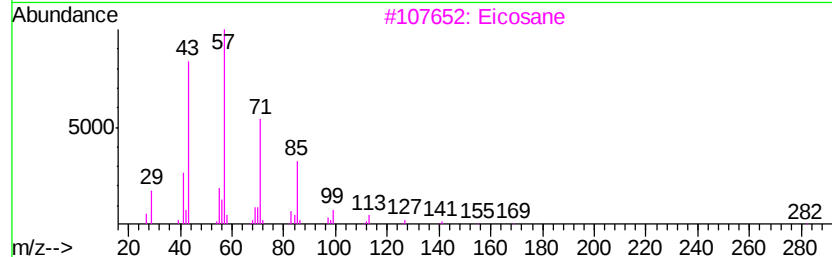
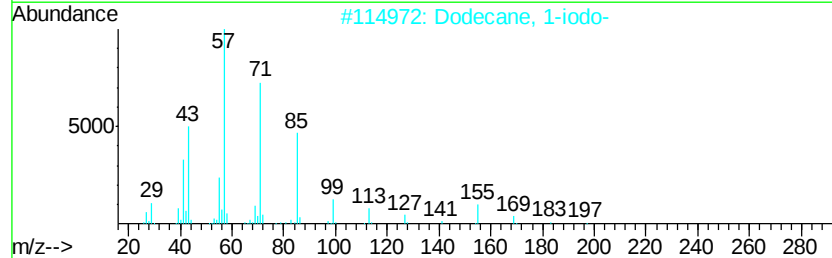
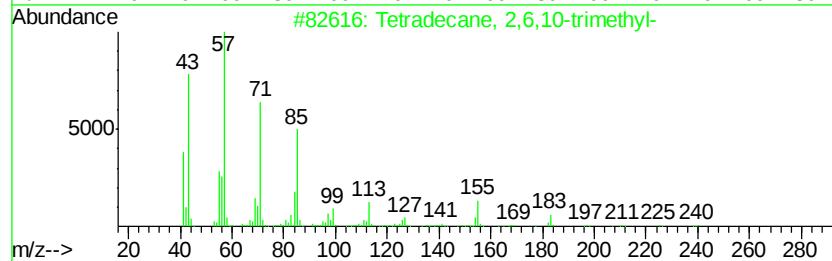
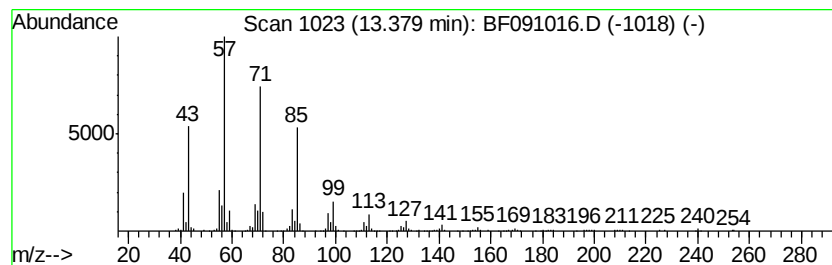
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	7.47 ng	660728	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3		Eicosane	282	C20H42	000112-95-8	80
4		Heptacosane	380	C27H56	000593-49-7	64
5		Pentadecane	212	C15H32	000629-62-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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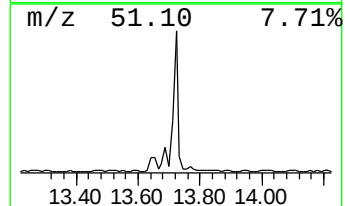
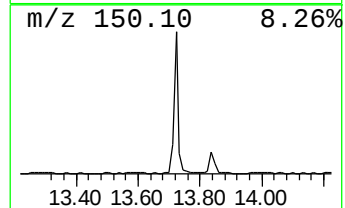
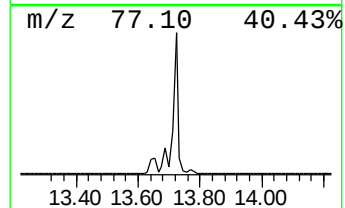
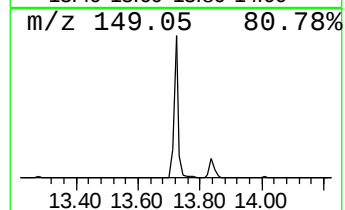
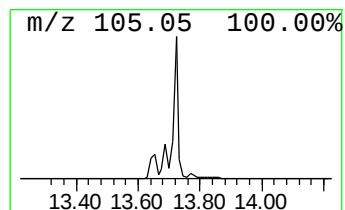
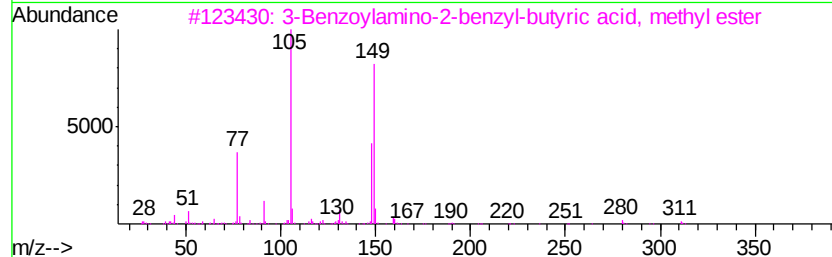
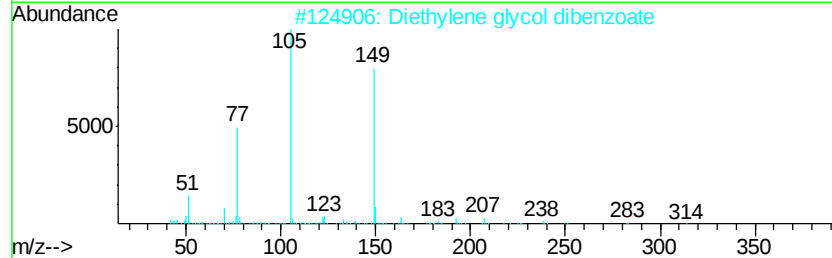
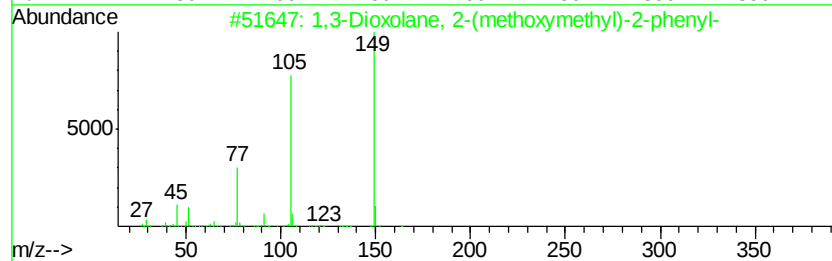
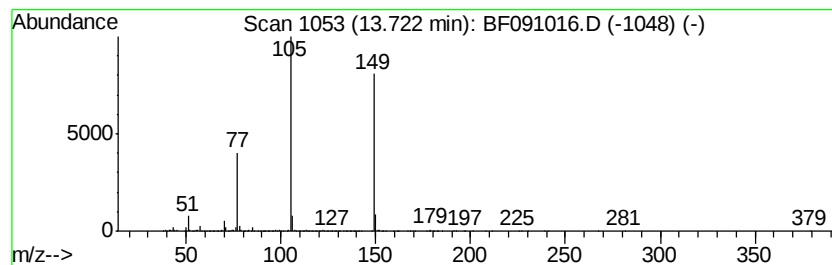
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	27.57 ng	2437380	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	74
2		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	74
3		3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	64
4		2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	49
5		2,3-Dimethyl-4a,8a-diphenyl-hexa...	326	C20H22O4	1000297-07-0	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
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Acq On : 4 Nov 2016 10:20
Operator : UM/SJ
Sample : H5509-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GW-95-7.8-20.0

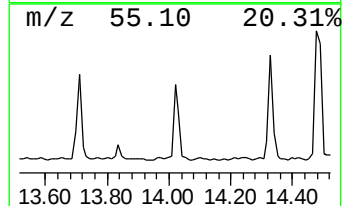
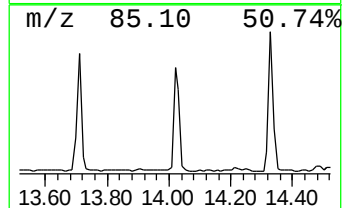
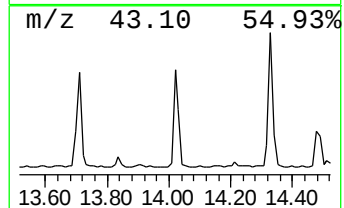
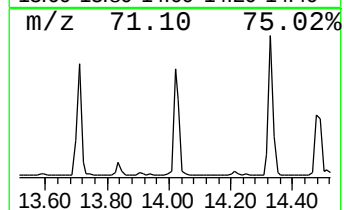
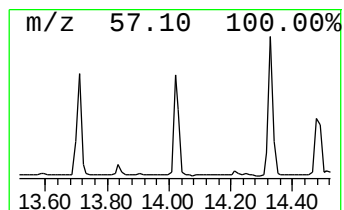
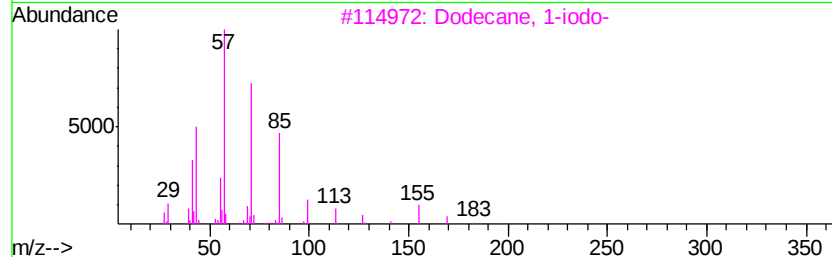
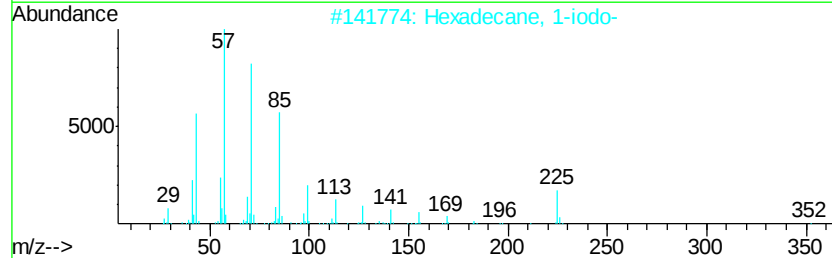
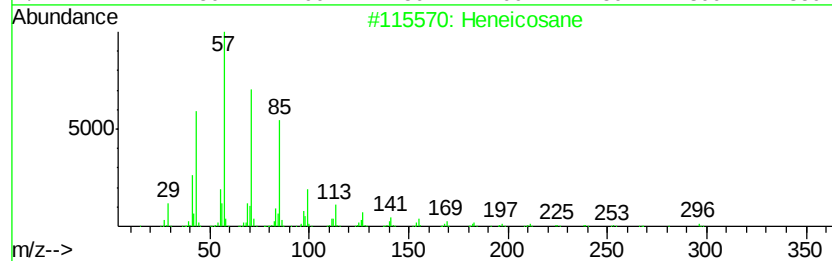
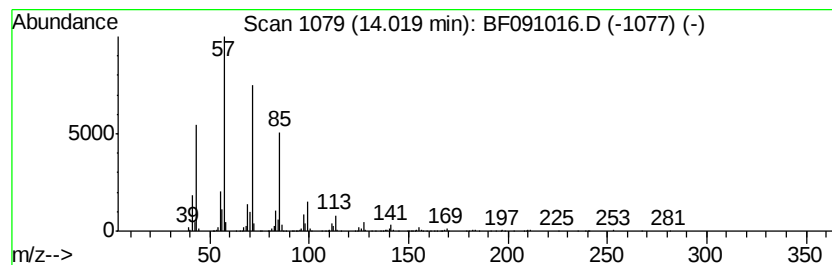
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	9.52 ng	841527	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091016.D
Acq On : 4 Nov 2016 10:20
Operator : UM/SJ
Sample : H5509-25
Misc :
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Instrument :
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ClientSampleId :
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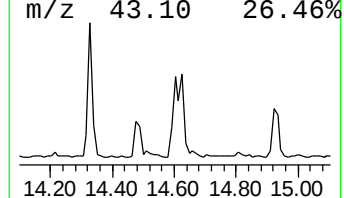
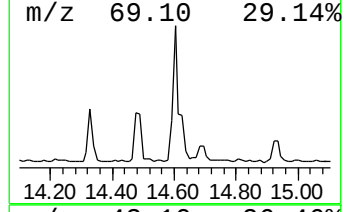
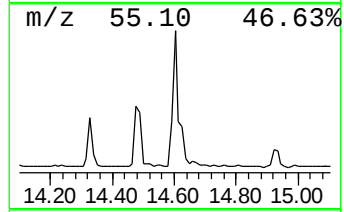
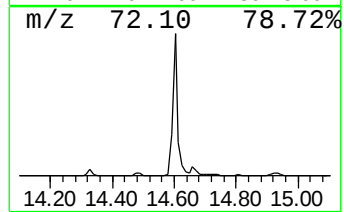
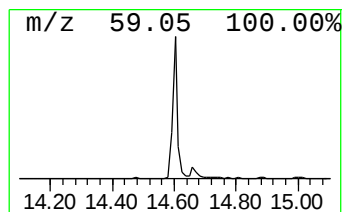
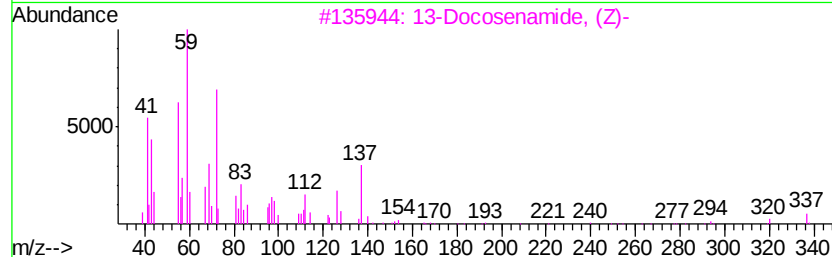
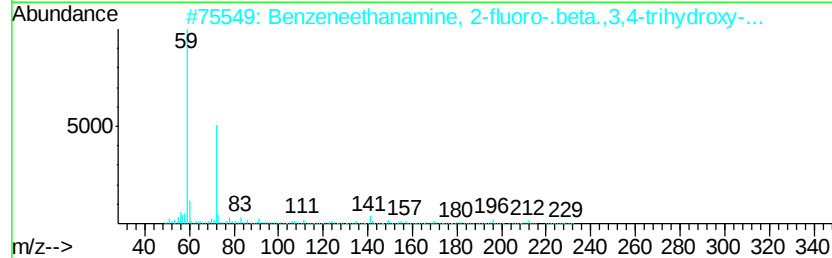
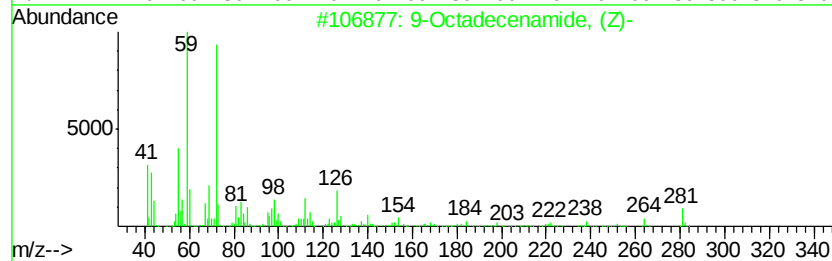
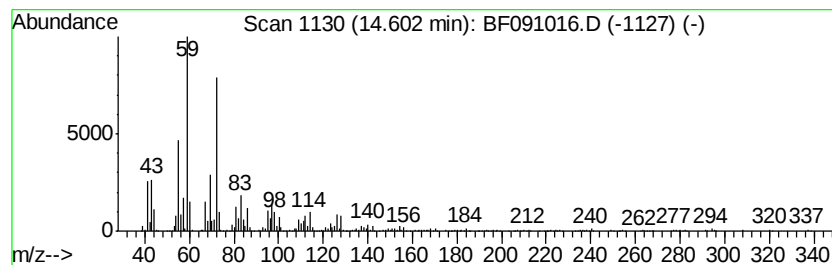
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	38.05 ng	2552560	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
2		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	53
4		Octadecanamide	283	C18H37NO	000124-26-5	53
5		Tetradecanamide	227	C14H29NO	000638-58-4	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091016.D
Acq On : 4 Nov 2016 10:20
Operator : UM/SJ
Sample : H5509-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

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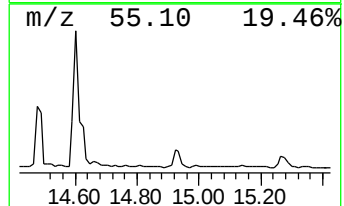
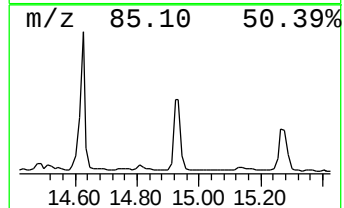
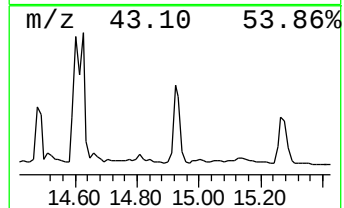
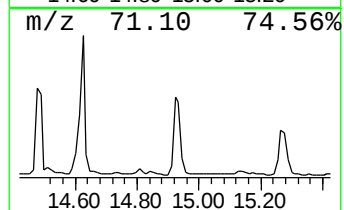
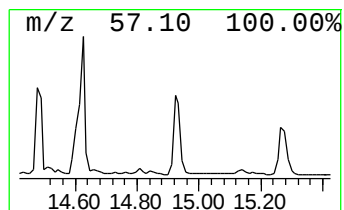
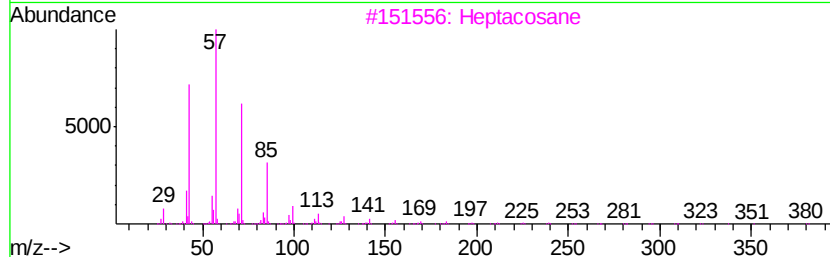
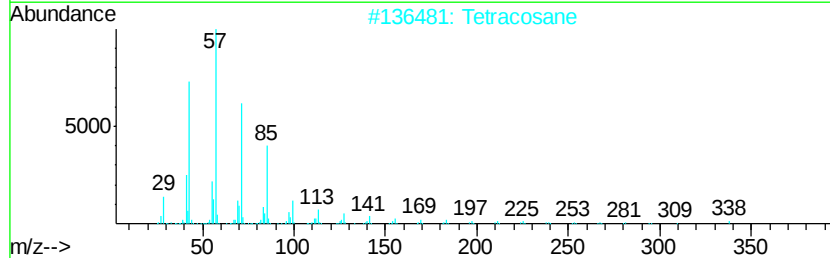
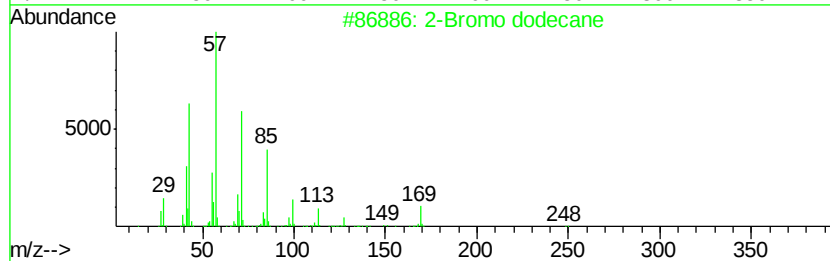
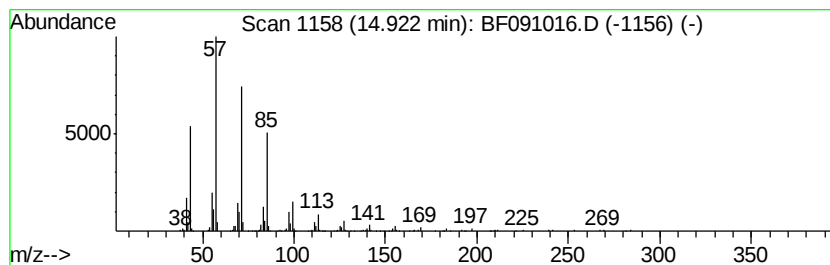
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	8.32 ng	558232	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Nonadecane	268	C19H40	000629-92-5	86
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091016.D
Acq On : 4 Nov 2016 10:20
Operator : UM/SJ
Sample : H5509-25
Misc :
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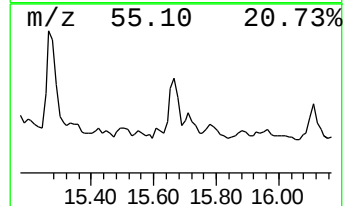
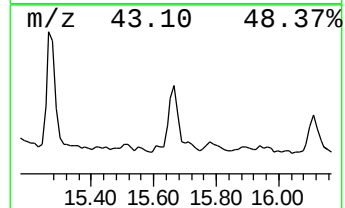
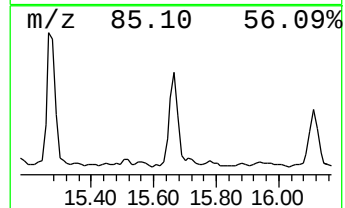
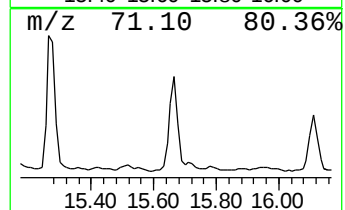
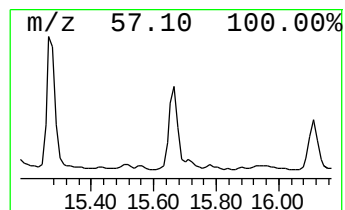
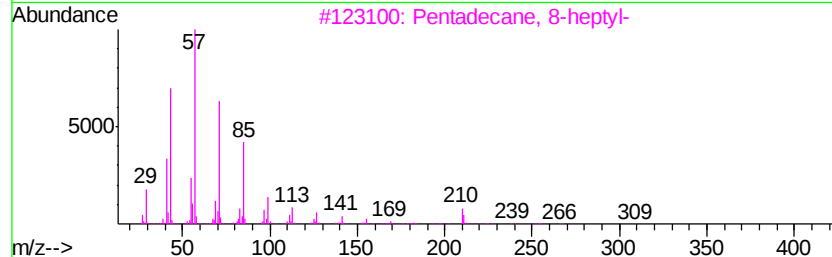
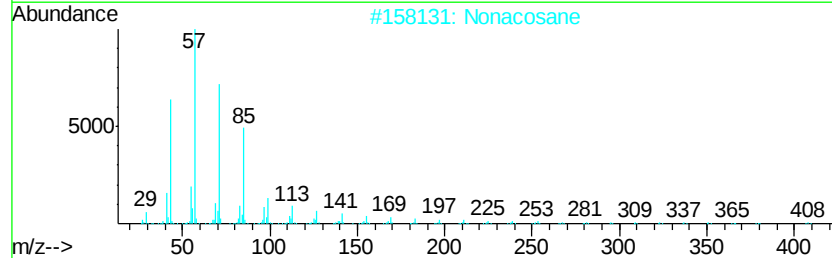
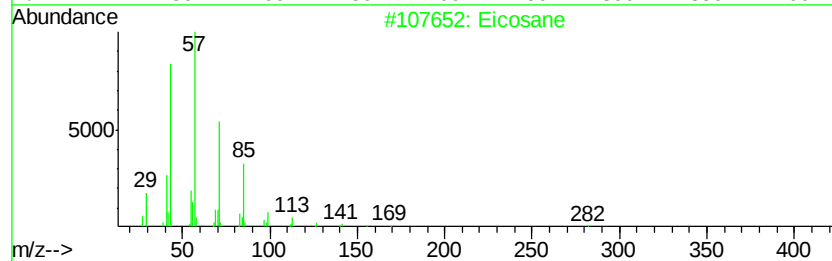
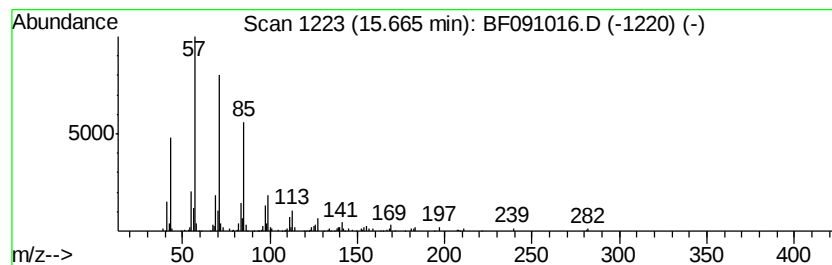
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	4.16 ng	279185	Perylene-d12	15.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	94
2	Nonacosane	408 C29H60	000630-03-5	91
3	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	91
4	Octacosane	394 C28H58	000630-02-4	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091016.D
Acq On : 4 Nov 2016 10:20
Operator : UM/SJ
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Misc :
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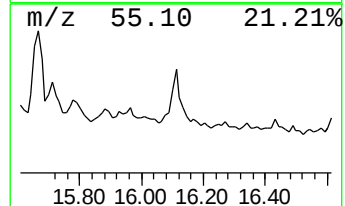
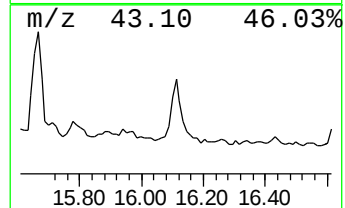
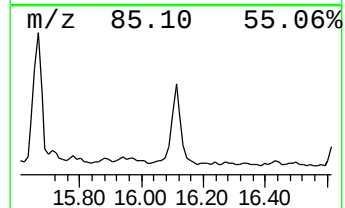
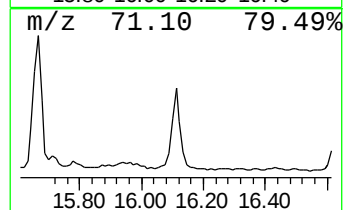
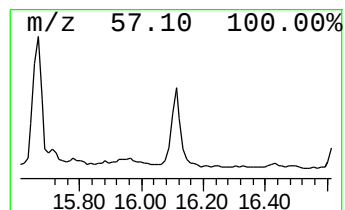
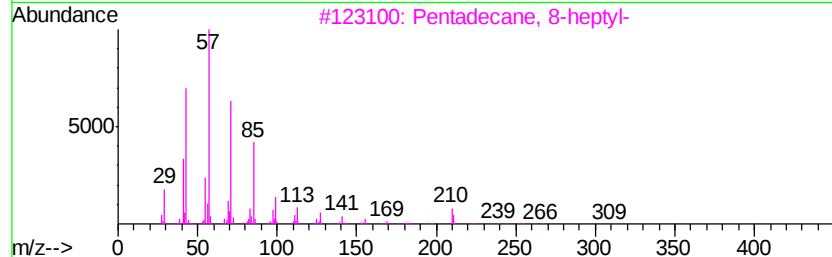
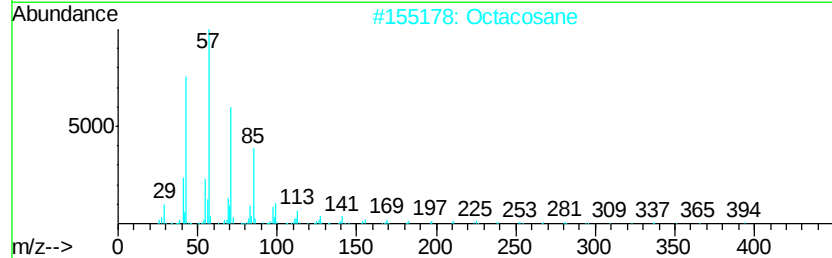
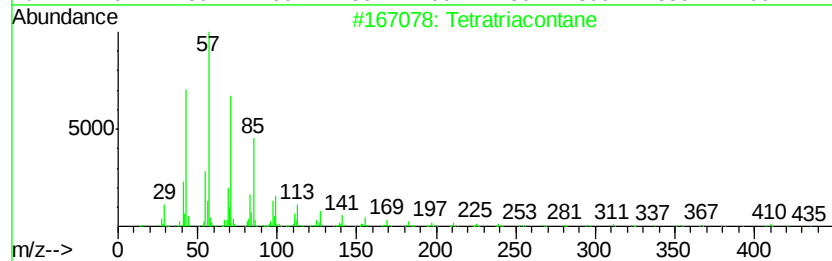
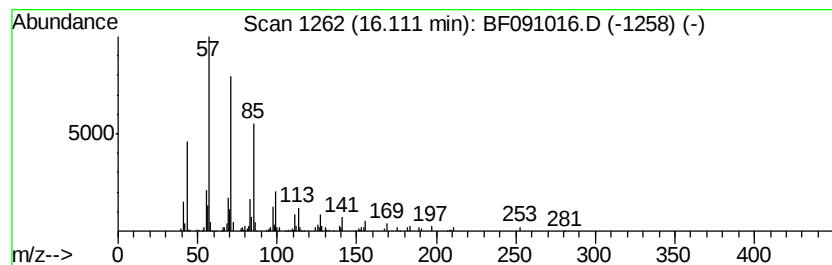
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetratriacontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	3.48 ng	233433	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091016.D
 Acq On : 4 Nov 2016 10:20
 Operator : UM/SJ
 Sample : H5509-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.85	29.5	ng	1662170	1	6.70	1128100	20.0
Ethanol, 2-butoxy-	5.65	70.6	ng	3980390	1	6.70	1128100	20.0
unknown6.48	6.48	94.8	ng	5345910	1	6.70	1128100	20.0
Nonanal	6.90	7.9	ng	445482	1	6.70	1128100	20.0
Dodecanoic acid	9.96	7.0	ng	624261	3	9.74	1780880	20.0
Tetradecanoic acid	10.90	7.0	ng	682492	4	11.22	1939430	20.0
n-Hexadecanoic acid	11.78	40.7	ng	3942760	4	11.22	1939430	20.0
3,5-Dimethoxy-4-h...	11.92	3.4	ng	325941	4	11.22	1939430	20.0
Octadecanoic acid	12.57	59.5	ng	5255570	5	13.86	1768190	20.0
Tetradecane, 2,6,...	13.38	7.5	ng	660728	5	13.86	1768190	20.0
1,3-Dioxolane, 2-...	13.72	27.6	ng	2437380	5	13.86	1768190	20.0
Heneicosane	14.02	9.5	ng	841527	5	13.86	1768190	20.0
9-Octadecenamide, ...	14.60	38.0	ng	2552560	6	15.24	1341630	20.0
2-Bromo dodecane	14.92	8.3	ng	558232	6	15.24	1341630	20.0
Eicosane	15.67	4.2	ng	279185	6	15.24	1341630	20.0
Tetratriacontane	16.11	3.5	ng	233433	6	15.24	1341630	20.0