

Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
 Data File : BF093917.D
 Acq On : 24 Mar 2017 20:14
 Operator : SJ/MA
 Sample : I2394-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP2

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-BF032217.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.116	374	379	389	rVB	353354	468691	9.12%	1.028%
2	4.498	438	444	447	rBV	3903158	4129557	80.33%	9.057%
3	5.557	617	624	627	rBV	3385694	4312349	83.88%	9.458%
4	5.704	643	649	652	rBV	3911653	4326616	84.16%	9.489%
5	5.957	688	692	696	rVB	1175386	1027688	19.99%	2.254%
6	6.139	718	723	726	rBV	3415555	3359565	65.35%	7.368%
7	6.604	795	802	806	rBV	2276990	2801778	54.50%	6.145%
8	7.463	940	948	954	rVB	1432185	1499806	29.17%	3.289%
9	8.016	1037	1042	1045	rBV2	52957	61580	1.20%	0.135%
10	8.222	1072	1077	1080	rBV	92554	109168	2.12%	0.239%
11	8.786	1164	1173	1177	rBV	4296420	5140957	100.00%	11.275%
12	8.922	1191	1196	1200	rBV	136443	150016	2.92%	0.329%
13	9.280	1251	1257	1260	rBV	236981	250127	4.87%	0.549%
14	9.316	1260	1263	1266	rVB2	55144	63315	1.23%	0.139%
15	9.504	1288	1295	1303	rBV2	100680	238300	4.64%	0.523%
16	9.575	1303	1307	1309	rVV	225280	262301	5.10%	0.575%
17	9.604	1309	1312	1321	rVB2	1543062	1579056	30.72%	3.463%
18	9.969	1371	1374	1378	rVB2	59651	68429	1.33%	0.150%
19	10.192	1406	1412	1417	rBV	263553	262433	5.10%	0.576%
20	10.469	1452	1459	1462	rBV	109549	155351	3.02%	0.341%
21	10.580	1471	1478	1481	rBV	2453535	2939328	57.17%	6.447%
22	10.780	1508	1512	1514	rBV	288982	319284	6.21%	0.700%
23	11.016	1549	1552	1557	rBV3	42214	59302	1.15%	0.130%
24	11.333	1602	1606	1609	rBV	229794	209380	4.07%	0.459%
25	11.369	1609	1612	1616	rVV	65516	76442	1.49%	0.168%
26	11.427	1617	1622	1626	rVV	1459695	1577711	30.69%	3.460%
27	11.863	1692	1696	1700	rVB	157341	149037	2.90%	0.327%
28	12.368	1778	1782	1785	rBV	120567	118691	2.31%	0.260%
29	12.845	1860	1863	1867	rVB	114734	113627	2.21%	0.249%
30	13.310	1938	1942	1945	rBV	122331	117623	2.29%	0.258%
31	13.415	1952	1960	1963	rBV	3711933	4701908	91.46%	10.312%
32	13.751	2013	2017	2022	rVB	124540	123342	2.40%	0.271%
33	14.174	2085	2089	2092	rBV	168753	163504	3.18%	0.359%
34	14.562	2151	2155	2156	rBV2	253514	255580	4.97%	0.561%

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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

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Peak separation: 5

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35	14.580	2156	2158	2166	rVB	239947	243185	4.73%	0.533%
36	14.680	2170	2175	2179	rBV	1436237	1499254	29.16%	3.288%
37	14.974	2221	2225	2233	rBV	249108	253484	4.93%	0.556%
38	15.351	2285	2289	2293	rBV	253538	272108	5.29%	0.597%
39	15.715	2347	2351	2355	rBV	230650	244197	4.75%	0.536%
40	16.068	2407	2411	2416	rBV	195253	229530	4.46%	0.503%
41	16.315	2448	2453	2465	rVB2	978449	1217974	23.69%	2.671%
42	16.439	2470	2474	2482	rVB	151819	207208	4.03%	0.454%
43	16.856	2540	2545	2548	rBV	93687	136899	2.66%	0.300%
44	17.327	2621	2625	2632	rVB2	57761	99929	1.94%	0.219%

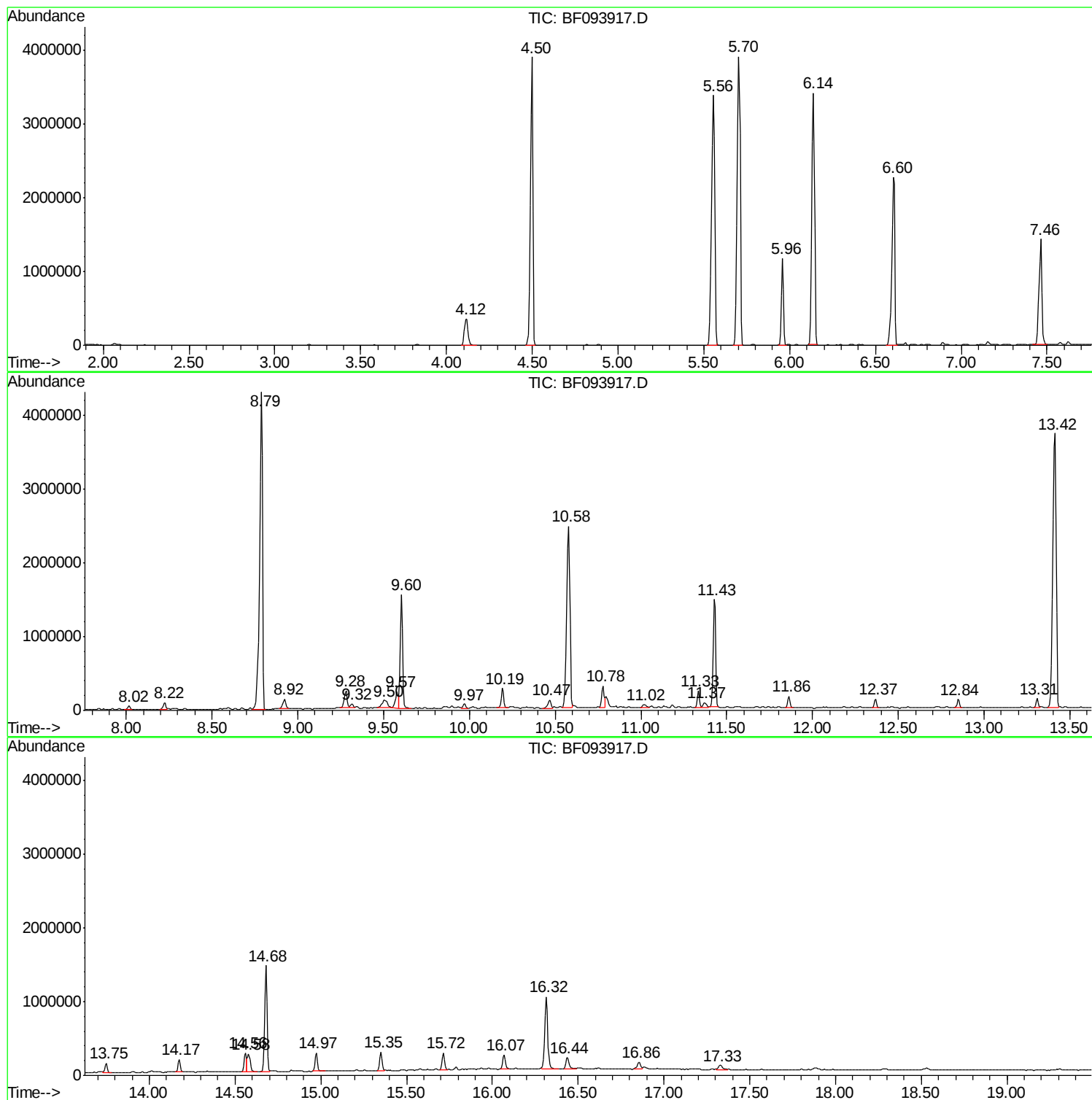
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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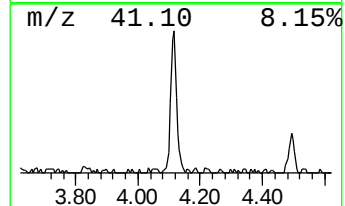
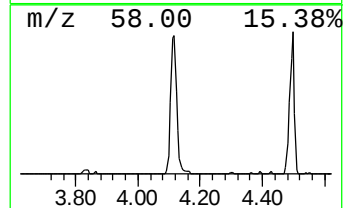
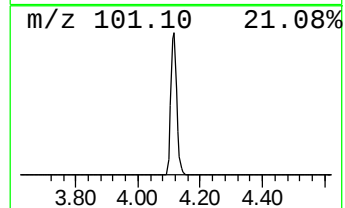
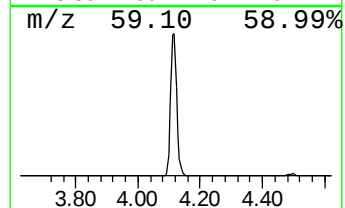
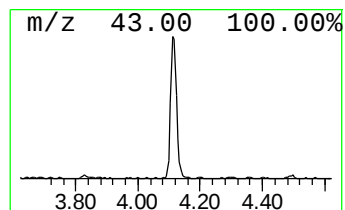
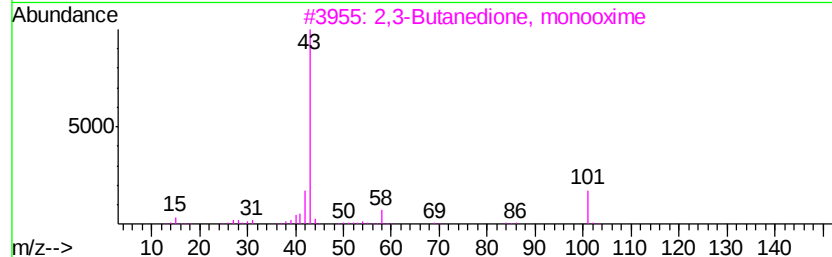
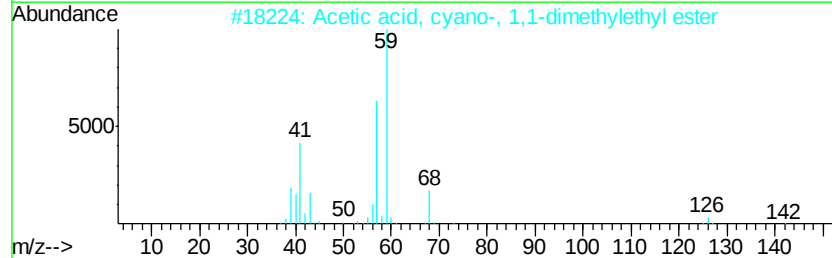
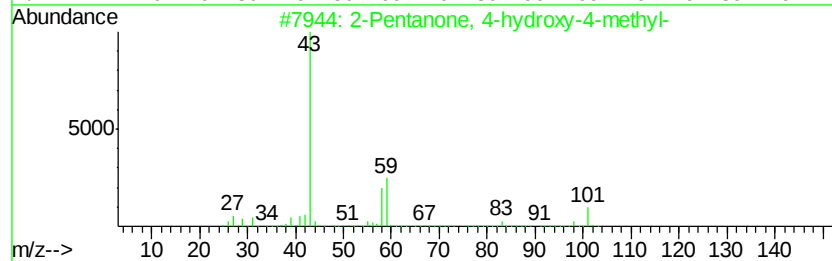
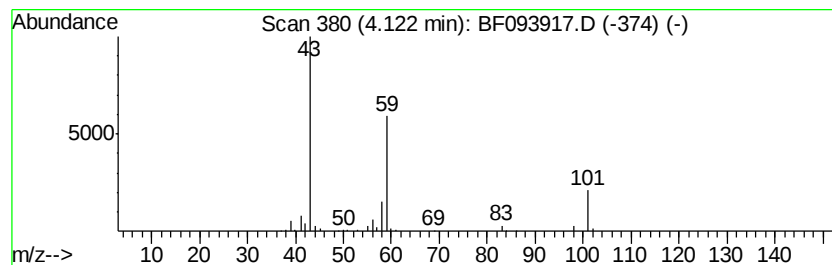
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	9.12 ng	468691	1,4-Dichlorobenzene-d4	5.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9



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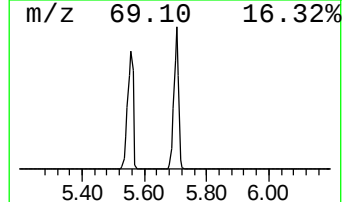
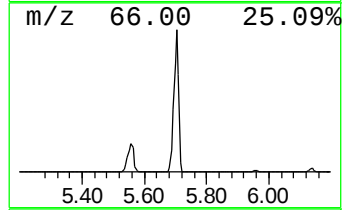
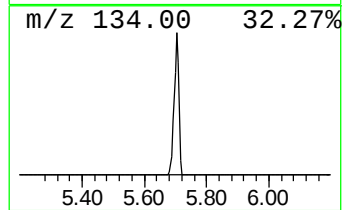
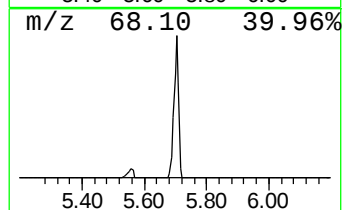
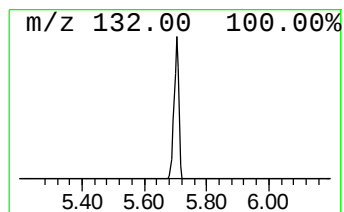
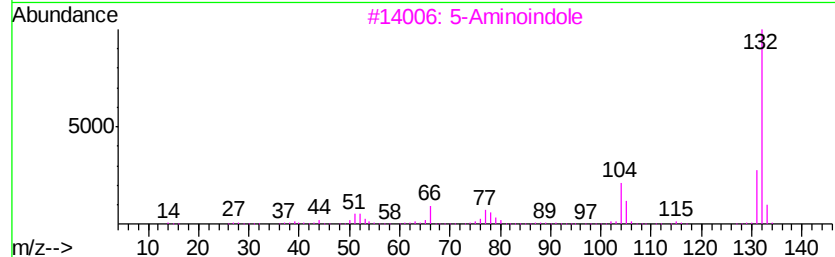
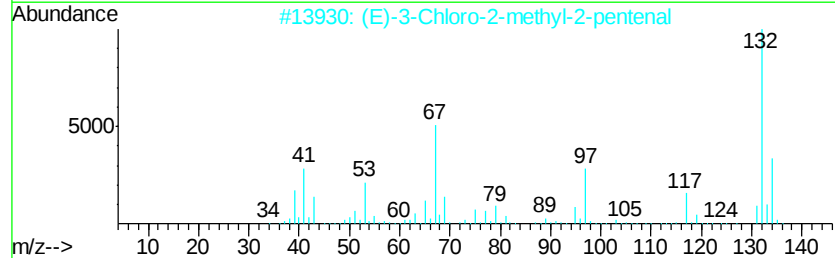
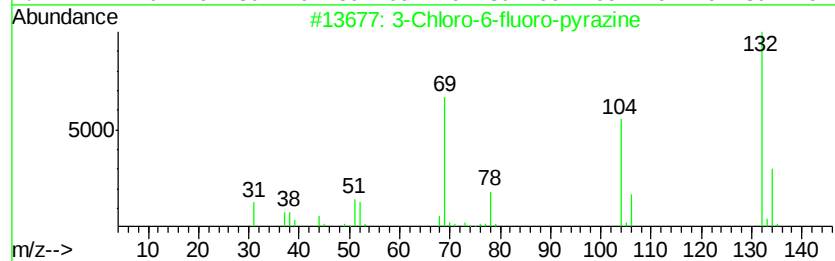
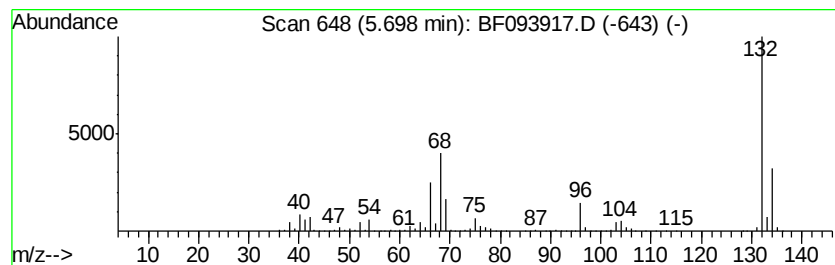
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Peak Number 2 unknown5.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	84.20 ng	4326620	1,4-Dichlorobenzene-d4	5.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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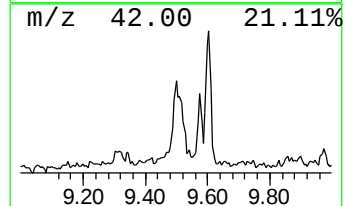
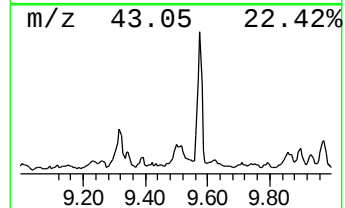
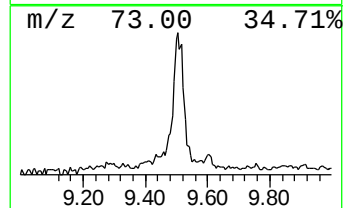
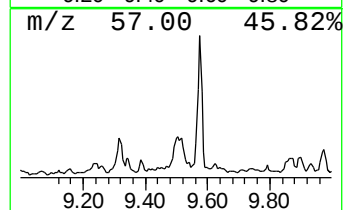
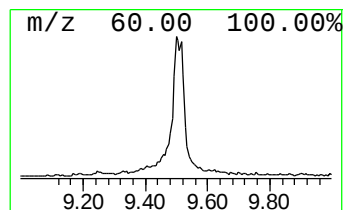
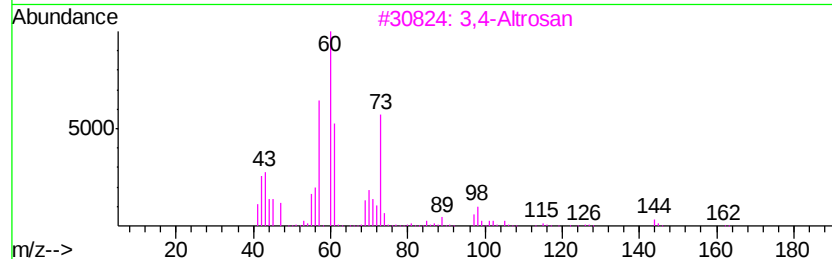
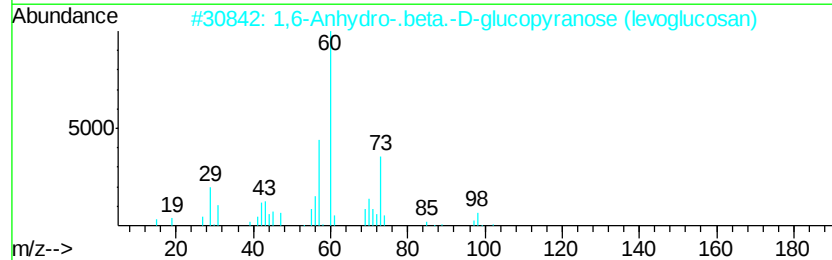
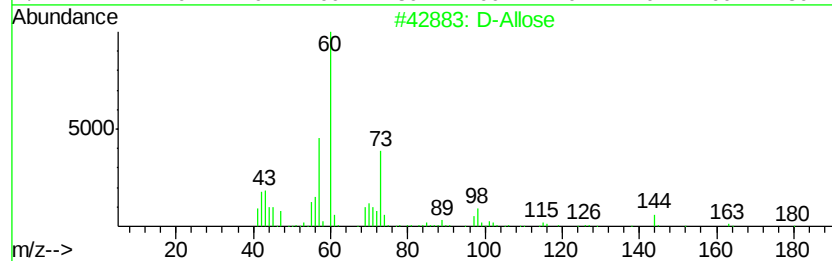
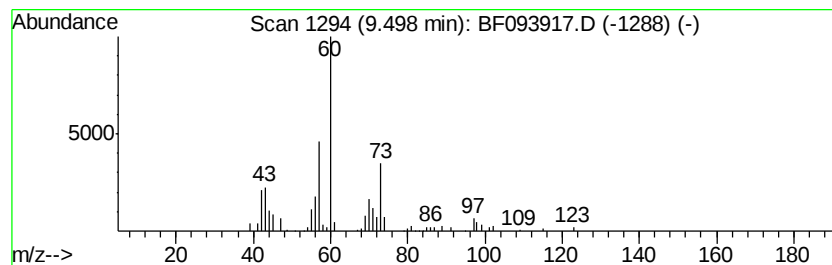
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 D-Allose Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	3.02 ng	238300	Acenaphthene-d10	9.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Allose	180	C6H12O6	002595-97-3	72
2		1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	72
3		3,4-Altrosan	162	C6H10O5	1000129-76-4	47
4		.beta.-Methyl xyloside	164	C6H12O5	1000130-04-0	45
5		Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	43



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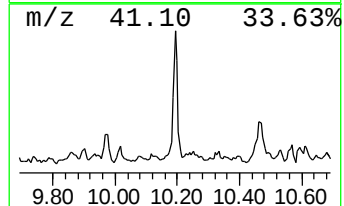
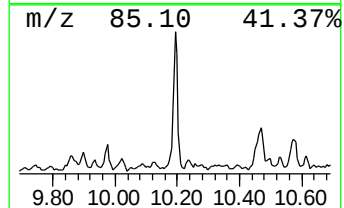
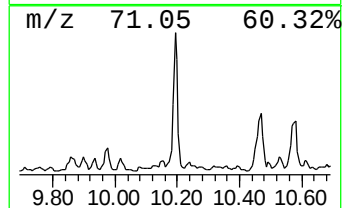
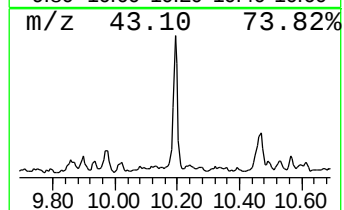
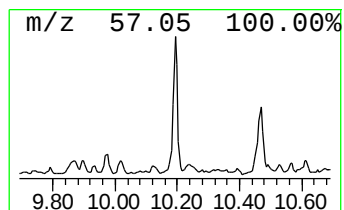
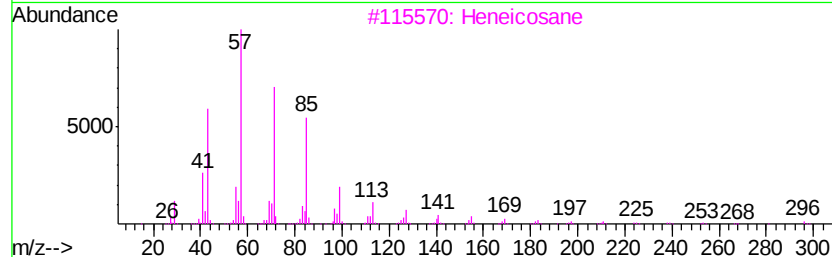
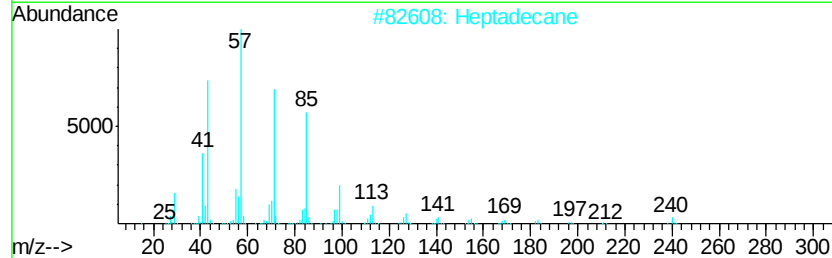
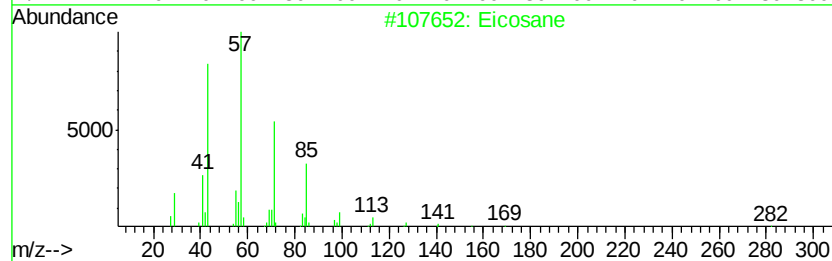
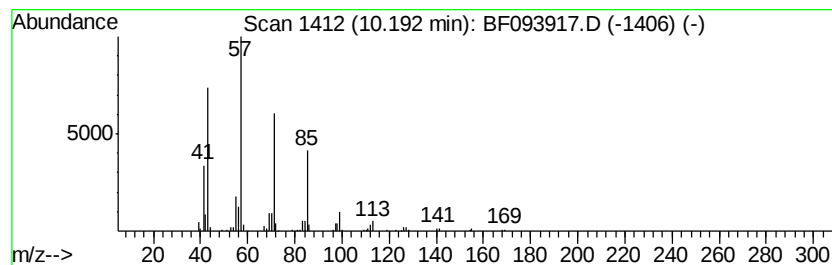
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	3.32 ng	262433	Acenaphthene-d10	9.60

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	Heneicosane		296	C21H44	000629-94-7	90
4	Tetradecane		198	C14H30	000629-59-4	87
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83



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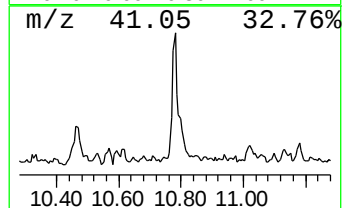
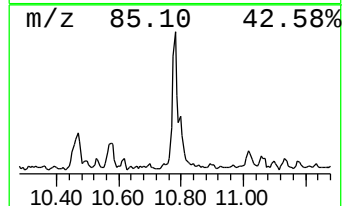
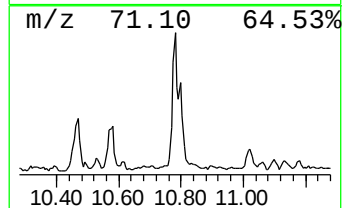
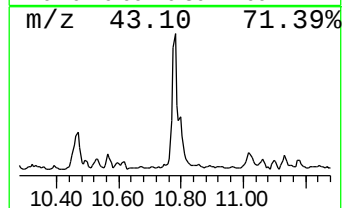
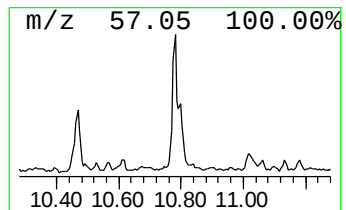
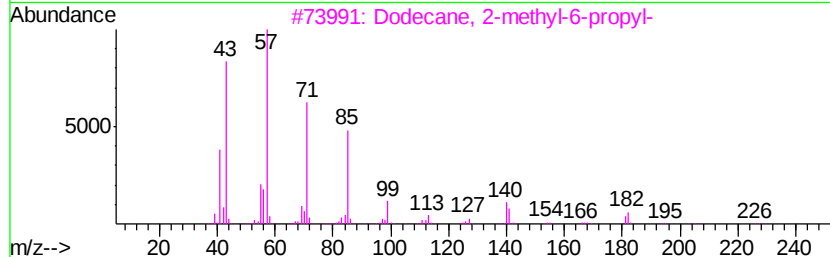
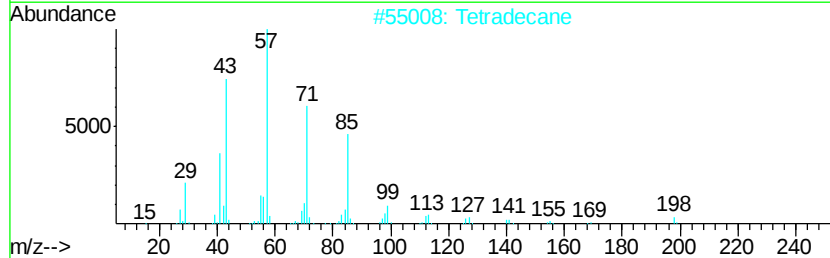
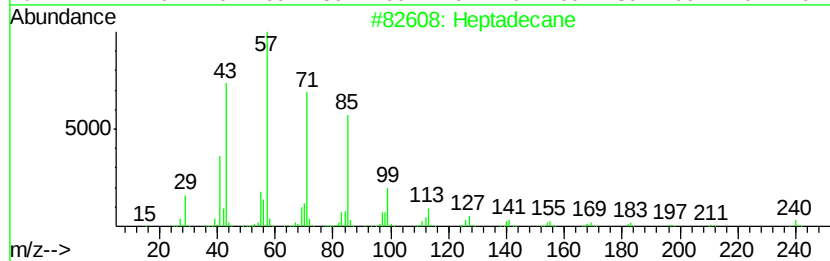
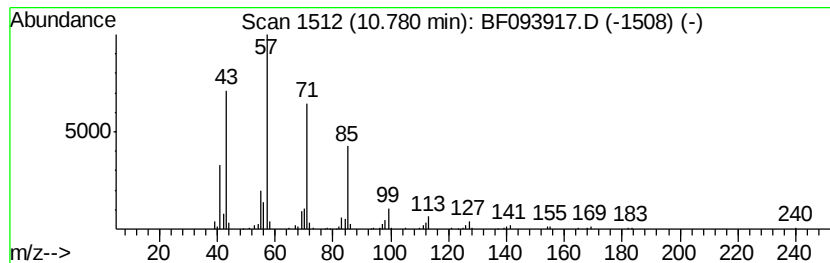
Instrument :
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ClientSampleId :
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.78	4.05 ng	319284	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Dodecane, 2-methvl-6-propvl-	226	C16H34	055045-08-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093917.D
Acq On : 24 Mar 2017 20:14
Operator : SJ/MA
Sample : I2394-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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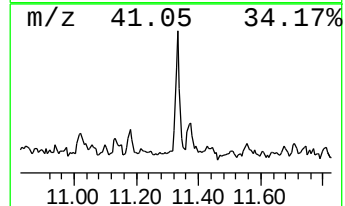
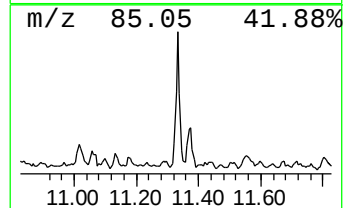
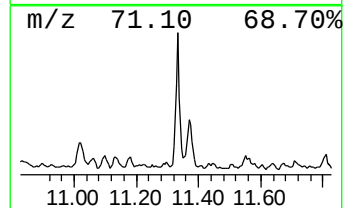
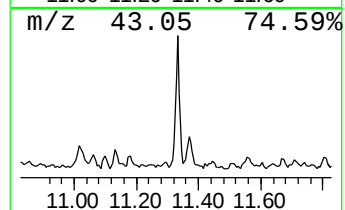
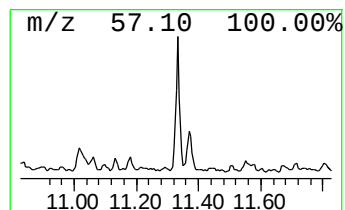
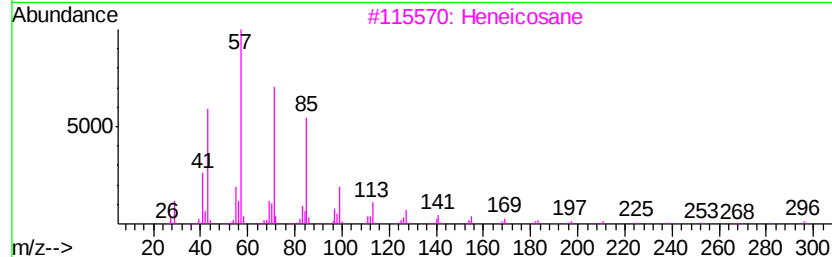
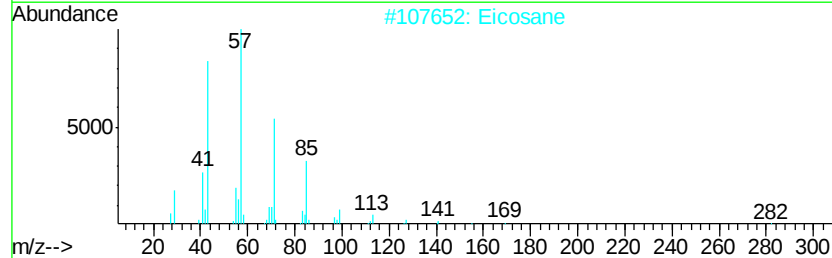
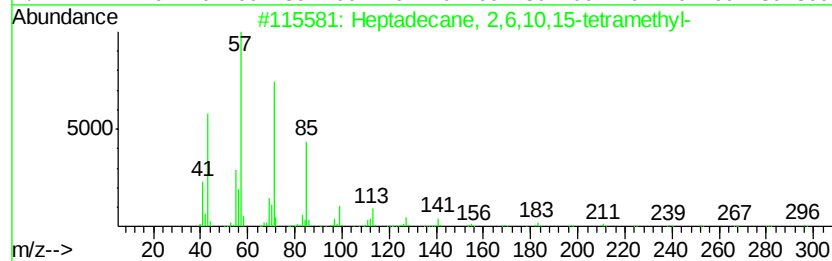
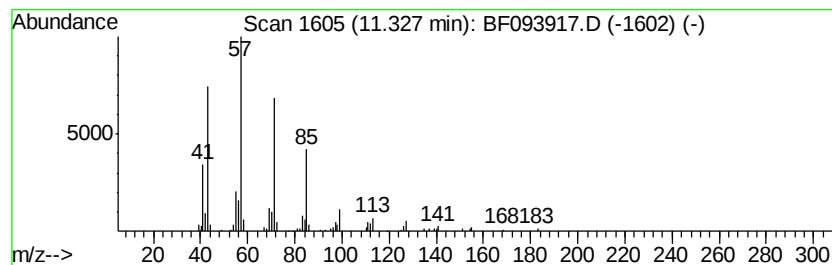
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.65 ng	209380	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
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ClientSampleId :
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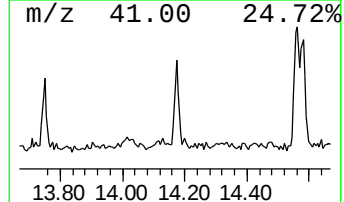
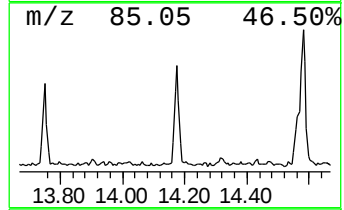
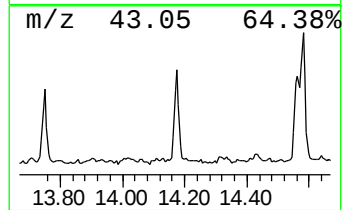
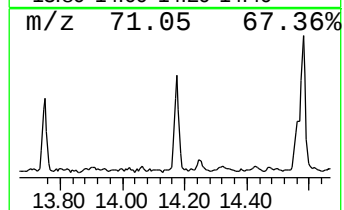
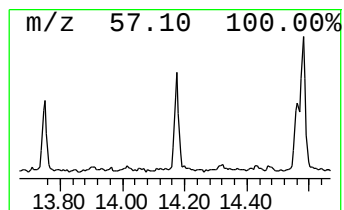
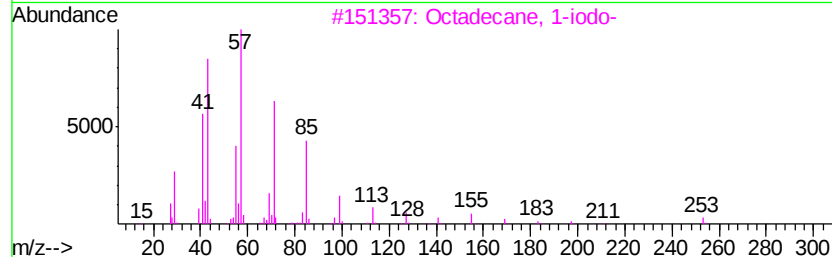
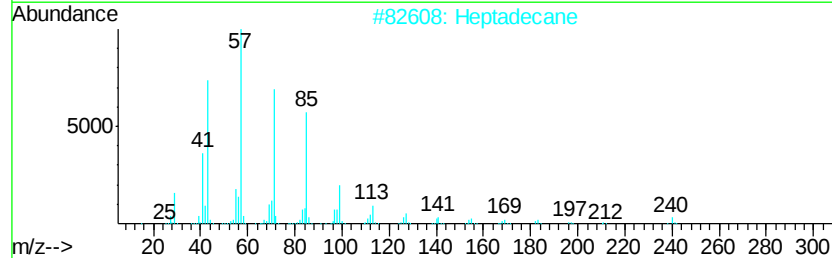
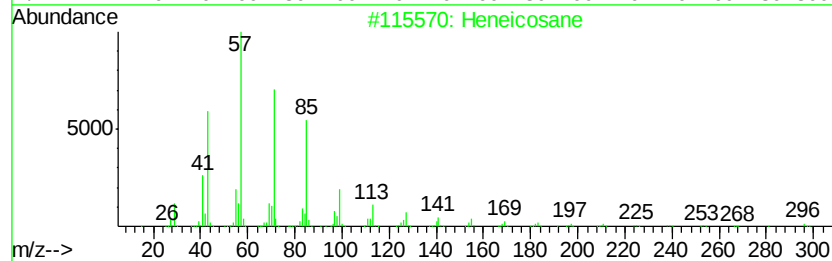
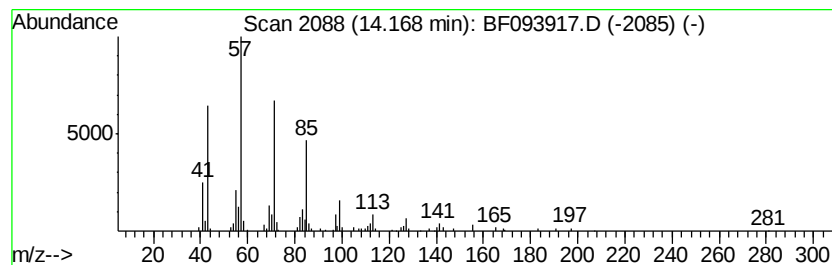
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.18 ng	163504	Chrysene-d12	14.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Eicosane		282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
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Sample : I2394-02
Misc :
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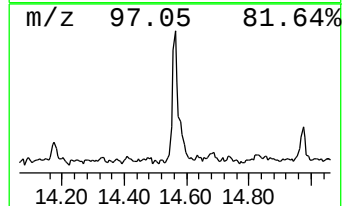
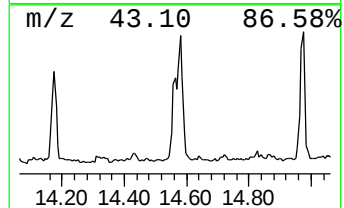
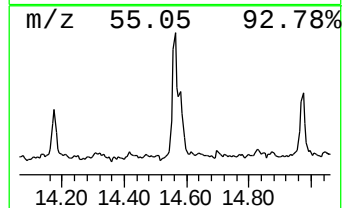
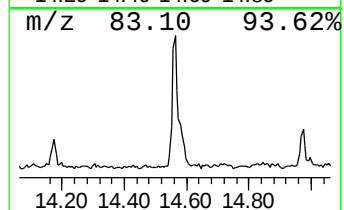
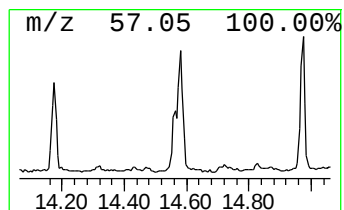
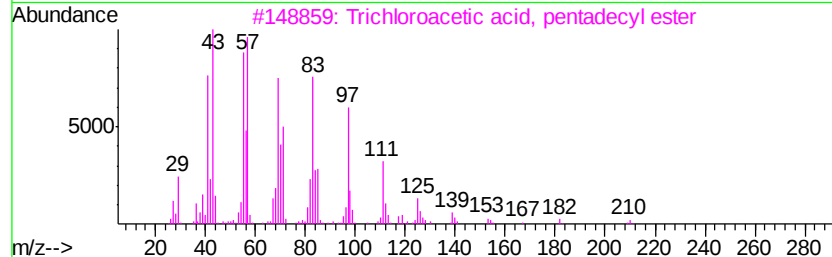
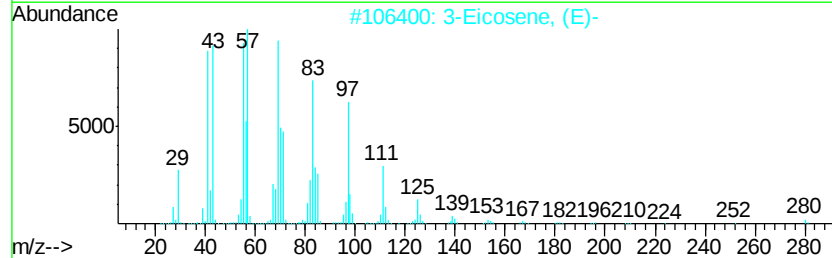
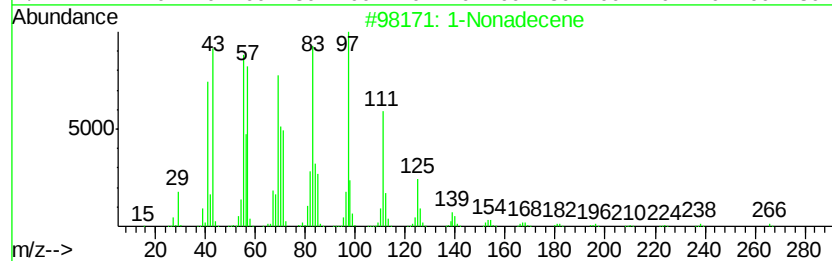
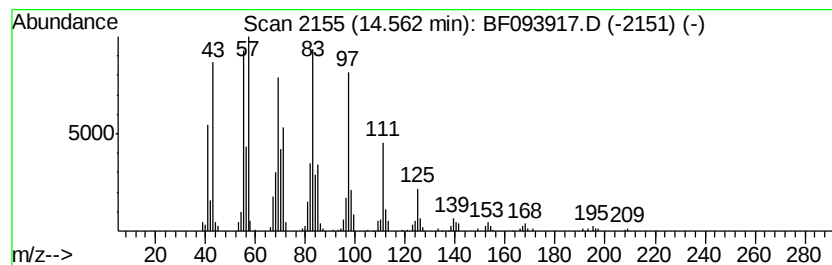
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.56	3.41 ng	255580	Chrysene-d12	14.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	83



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
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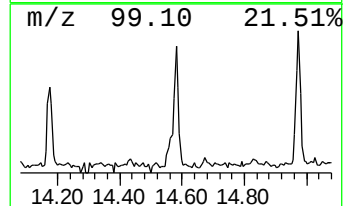
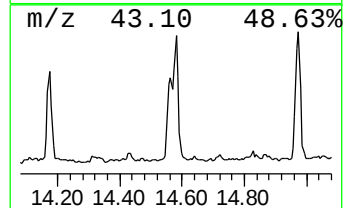
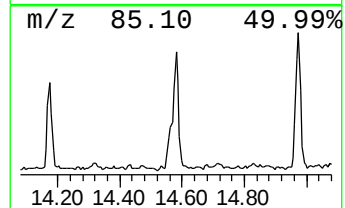
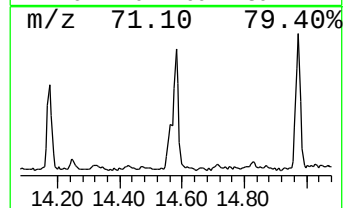
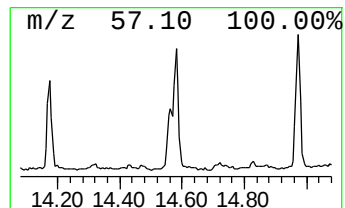
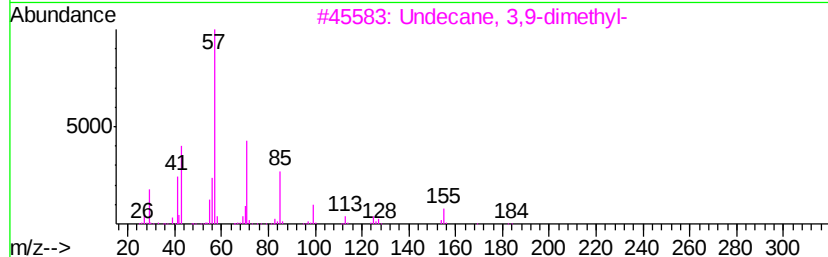
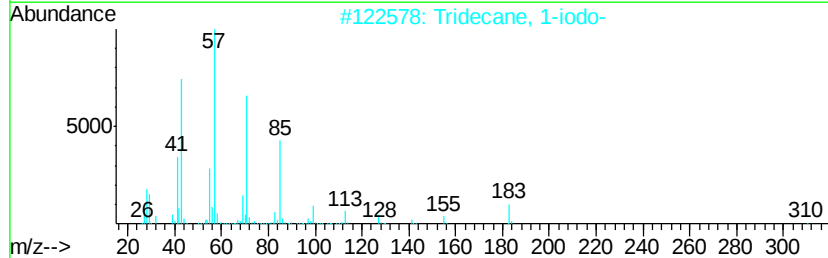
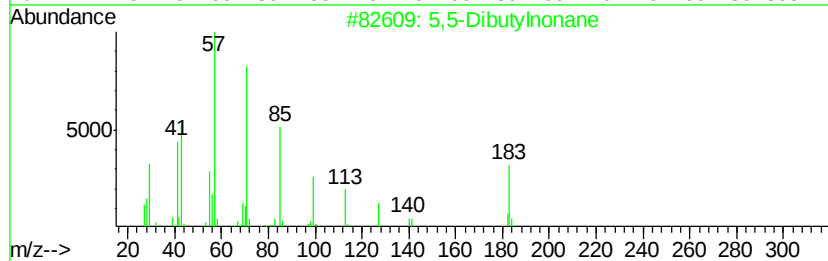
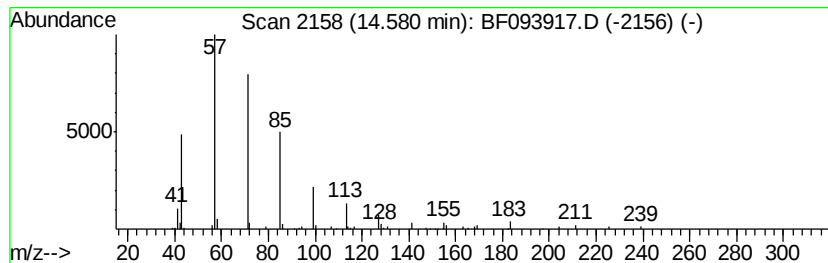
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5,5-Dibutylnonane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.58	3.24 ng	243185	Chrysene-d12	14.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dibutyl-nonane	240	C17H36	006008-17-9	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
3	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	78
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	78
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
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ClientSampleId :
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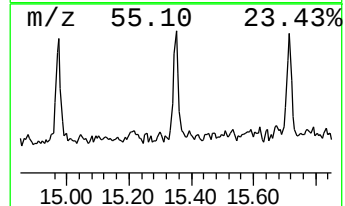
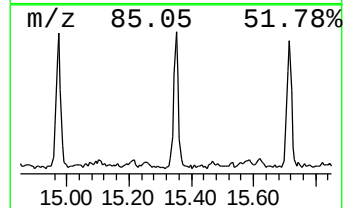
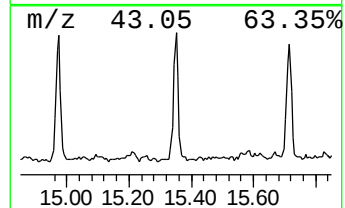
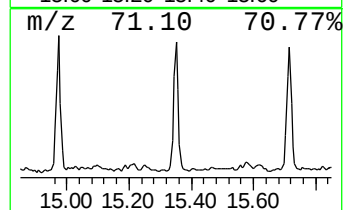
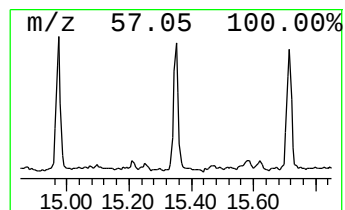
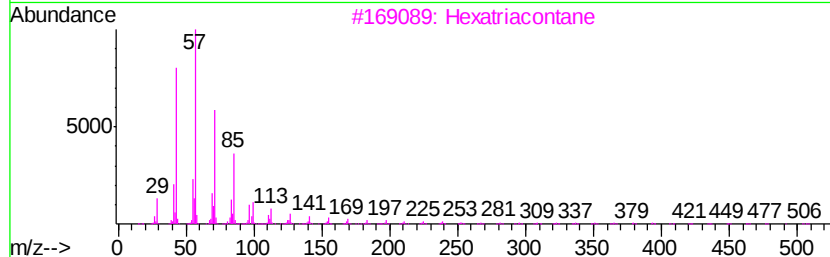
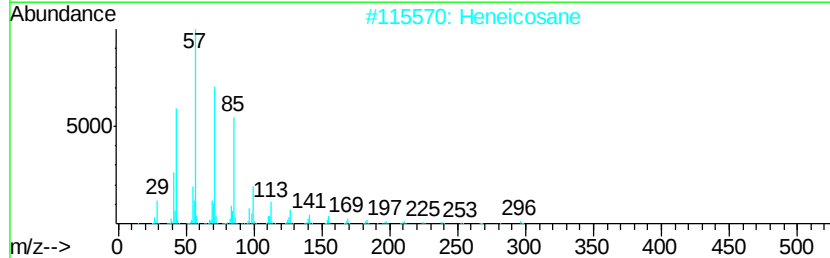
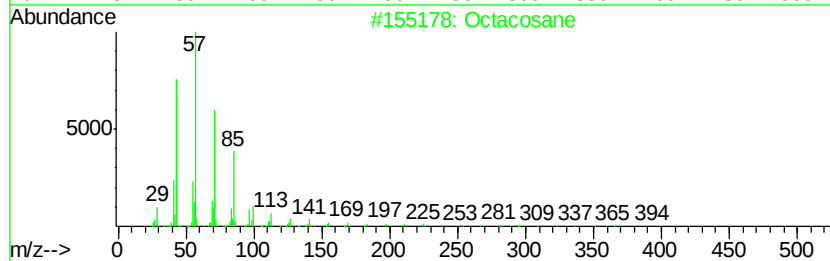
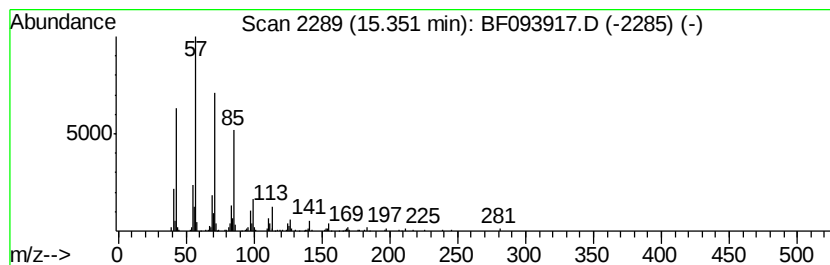
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	3.63 ng	272108	Chrysene-d12	14.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
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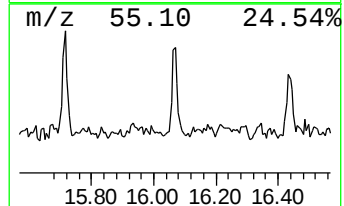
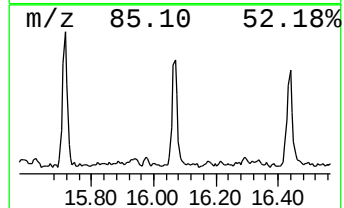
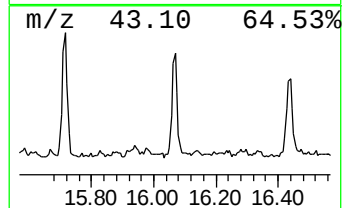
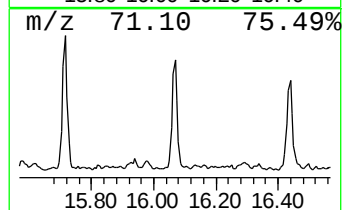
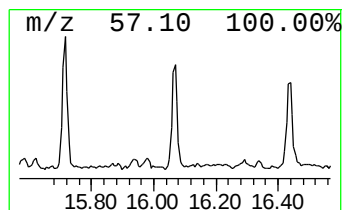
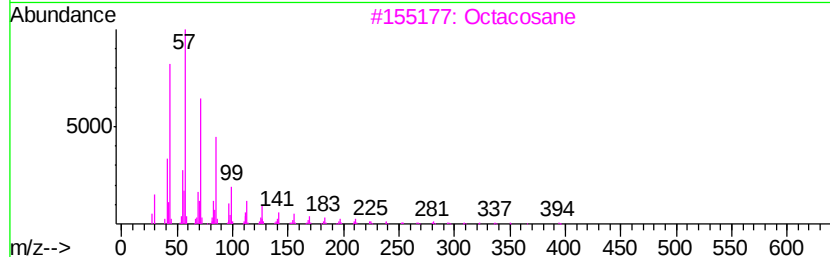
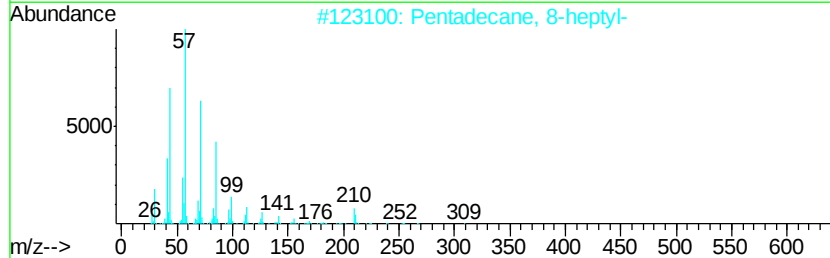
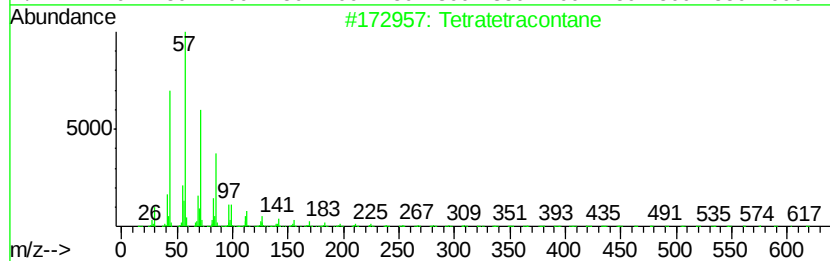
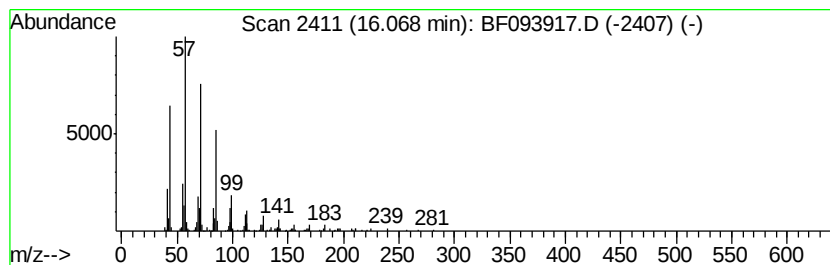
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.77 ng	229530	Perylene-d12	16.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_F\Data\BF032417\
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Acq On : 24 Mar 2017 20:14
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ALS Vial : 7 Sample Multiplier: 1

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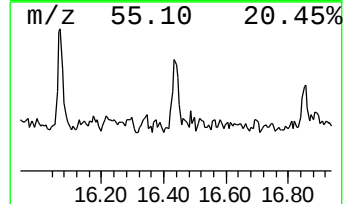
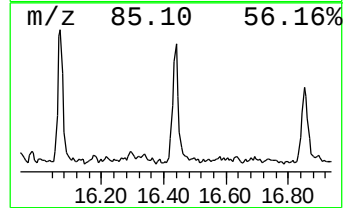
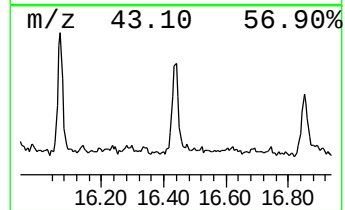
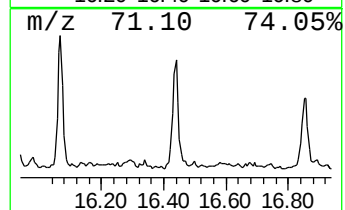
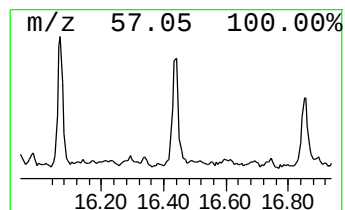
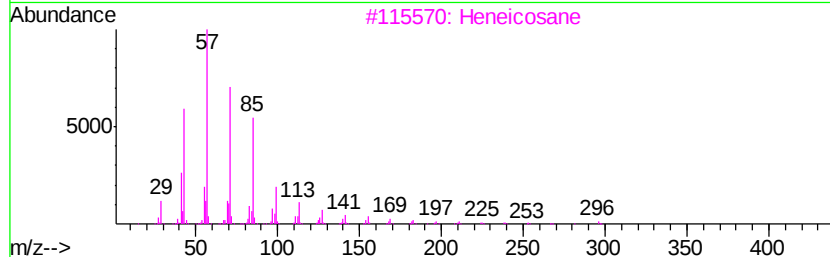
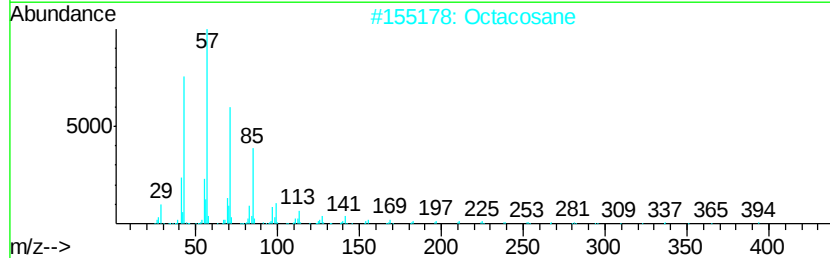
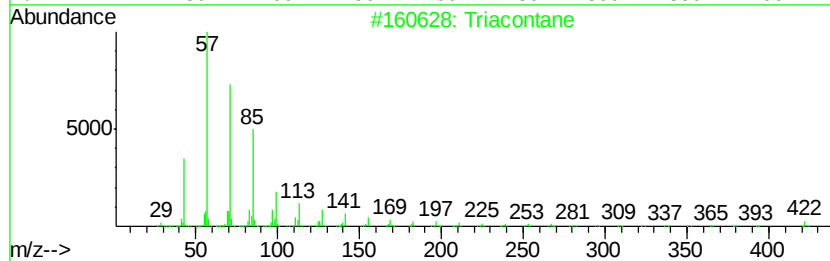
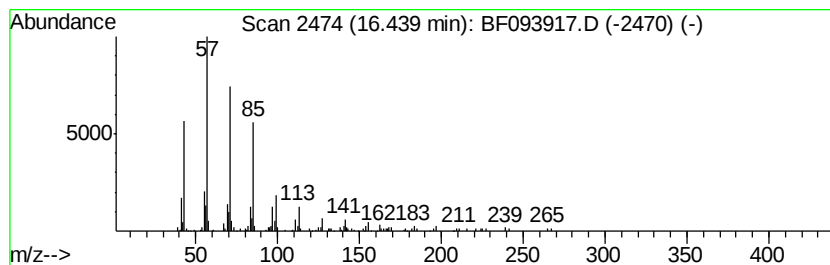
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.40 ng	207208	Perylene-d12	16.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\HPCHEM1\BNA_F\Data\BF032417\
 Data File : BF093917.D
 Acq On : 24 Mar 2017 20:14
 Operator : SJ/MA
 Sample : I2394-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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...	4.12	9.1 ng		468691	1	5.96	1027690	20.0
unknown5.70	5.70	84.2 ng		4326620	1	5.96	1027690	20.0
D-Allose	9.50	3.0 ng		238300	3	9.60	1579060	20.0
Eicosane	10.19	3.3 ng		262433	3	9.60	1579060	20.0
Heptadecane	10.78	4.0 ng		319284	4	11.43	1577710	20.0
Heptadecane, 2,6,...	11.33	2.6 ng		209380	4	11.43	1577710	20.0
Heneicosane	14.17	2.2 ng		163504	5	14.68	1499250	20.0
1-Nonadecene	14.56	3.4 ng		255580	5	14.68	1499250	20.0
5,5-Dibutylnonane	14.58	3.2 ng		243185	5	14.68	1499250	20.0
Octacosane	15.35	3.6 ng		272108	5	14.68	1499250	20.0
Tetratetracontane	16.07	3.8 ng		229530	6	16.32	1217970	20.0
Triacontane	16.44	3.4 ng		207208	6	16.32	1217970	20.0