

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092160.D
 Acq On : 10 Jan 2017 1:31
 Operator : UM/SJ
 Sample : I1045-05 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP3

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-BF122116.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	4.744	248	250	258	rVB	251072	303851	7.78%	1.056%
2	5.247	291	294	302	rBV	820745	952479	24.39%	3.311%
3	6.287	382	385	386	rBV	90095	119637	3.06%	0.416%
4	6.310	386	387	394	rVV	614523	994476	25.47%	3.457%
5	6.413	394	396	399	rVV	843261	940770	24.09%	3.270%
6	6.642	414	416	418	rBV	766383	823224	21.08%	2.861%
7	6.722	420	423	425	rBV3	33858	52058	1.33%	0.181%
8	6.790	427	429	432	rVB	743880	750383	19.22%	2.608%
9	7.202	463	465	467	rBV	411285	419780	10.75%	1.459%
10	7.236	467	468	471	rVB2	59566	86888	2.23%	0.302%
11	7.464	485	488	490	rBV	690164	654571	16.76%	2.275%
12	7.556	494	496	498	rBV	125334	122829	3.15%	0.427%
13	7.659	503	505	509	rVV2	648942	1063641	27.24%	3.697%
14	7.727	509	511	513	rVV2	49322	74180	1.90%	0.258%
15	7.785	513	516	519	rVV2	222043	286176	7.33%	0.995%
16	7.842	519	521	523	rVV	1072068	1125887	28.83%	3.914%
17	7.876	523	524	527	rVV	252899	227683	5.83%	0.791%
18	7.933	527	529	530	rVV	942608	1115977	28.58%	3.879%
19	7.967	530	532	533	rVV	4424025	3904931	100.00%	13.573%
20	7.990	533	534	539	rVB2	277711	263526	6.75%	0.916%
21	8.230	551	555	556	rBV3	22208	44832	1.15%	0.156%
22	8.367	564	567	571	rBV	57188	84237	2.16%	0.293%
23	8.539	579	582	585	rBV3	67604	135346	3.47%	0.470%
24	8.642	589	591	592	rVB	212276	160119	4.10%	0.557%
25	8.745	598	600	605	rVB2	96697	138761	3.55%	0.482%
26	8.893	610	613	616	rVV4	16978	48591	1.24%	0.169%
27	8.962	616	619	621	rBV2	87035	103541	2.65%	0.360%
28	9.008	621	623	625	rVB	1267184	1050943	26.91%	3.653%
29	9.099	627	631	634	rBV2	150589	204401	5.23%	0.710%
30	9.270	643	646	648	rBV	64775	107122	2.74%	0.372%
31	9.339	651	652	654	rVV	115123	146190	3.74%	0.508%
32	9.408	657	658	660	rVB2	106669	136744	3.50%	0.475%
33	9.625	676	677	679	rBV	152240	117234	3.00%	0.408%
34	9.682	679	682	683	rVV	1321253	1261850	32.31%	4.386%

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35	9.716	683	685	687 rVV	144907	212918	5.45%	0.740%
36	9.785	690	691	694 rVB2	39967	55463	1.42%	0.193%
37	9.888	694	700	701 rBV2	158011	240134	6.15%	0.835%
38	9.922	701	703	704 rVV2	59944	90386	2.31%	0.314%
39	10.002	707	710	713 rVV2	38168	69213	1.77%	0.241%
40	10.128	718	721	722 rVB2	107481	127762	3.27%	0.444%
41	10.173	722	725	727 rBV4	22087	43120	1.10%	0.150%
42	10.219	727	729	733 rVB2	114186	183932	4.71%	0.639%
43	10.322	736	738	739 rBV2	45282	73165	1.87%	0.254%
44	10.345	739	740	742 rVB	95921	74806	1.92%	0.260%
45	10.379	742	743	746 rVB3	34746	48722	1.25%	0.169%
46	10.470	748	751	753 rBV	504087	509458	13.05%	1.771%
47	10.596	760	762	765 rVB	217823	290349	7.44%	1.009%
48	11.042	799	801	803 rBV2	178461	249162	6.38%	0.866%
49	11.076	803	804	807 rVB	113250	92616	2.37%	0.322%
50	11.156	809	811	815 rVB2	1087486	1553954	39.79%	5.401%
51	11.236	815	818	819 rVB	110001	120291	3.08%	0.418%
52	11.271	819	821	827 rBV7	99579	445854	11.42%	1.550%
53	11.396	830	832	833 rBV	106692	101809	2.61%	0.354%
54	11.465	836	838	846 rBV3	125379	270104	6.92%	0.939%
55	11.625	850	852	853 rBV2	47182	62880	1.61%	0.219%
56	11.659	853	855	857 rBV2	74815	122756	3.14%	0.427%
57	11.773	863	865	870 rBV2	122412	227653	5.83%	0.791%
58	11.876	872	874	879 rVB2	180670	276416	7.08%	0.961%
59	11.956	879	881	882 rBV	151918	254513	6.52%	0.885%
60	12.208	901	903	907 rBV4	109835	270934	6.94%	0.942%
61	12.265	907	908	910 rVB	163591	131769	3.37%	0.458%
62	12.368	915	917	919 rVV	467862	427217	10.94%	1.485%
63	12.414	919	921	924 rVV4	70155	160178	4.10%	0.557%
64	12.596	935	937	939 rBV	327338	355899	9.11%	1.237%
65	12.631	939	940	944 rVB2	132416	215769	5.53%	0.750%
66	12.745	948	950	954 rVV	789108	807258	20.67%	2.806%
67	12.996	970	972	973 rVB	203710	226457	5.80%	0.787%
68	13.031	973	975	978 rBV3	109748	234551	6.01%	0.815%
69	13.339	1000	1002	1003 rBV	188122	205561	5.26%	0.715%
70	13.659	1028	1030	1033 rVB2	271503	384211	9.84%	1.336%
71	13.797	1040	1042	1046 rBV2	565854	744500	19.07%	2.588%

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72	13.979	1056	1058	1060	rBV	311830	353534	9.05%	1.229%
73	14.288	1083	1085	1086	rBV2	313901	430912	11.04%	1.498%

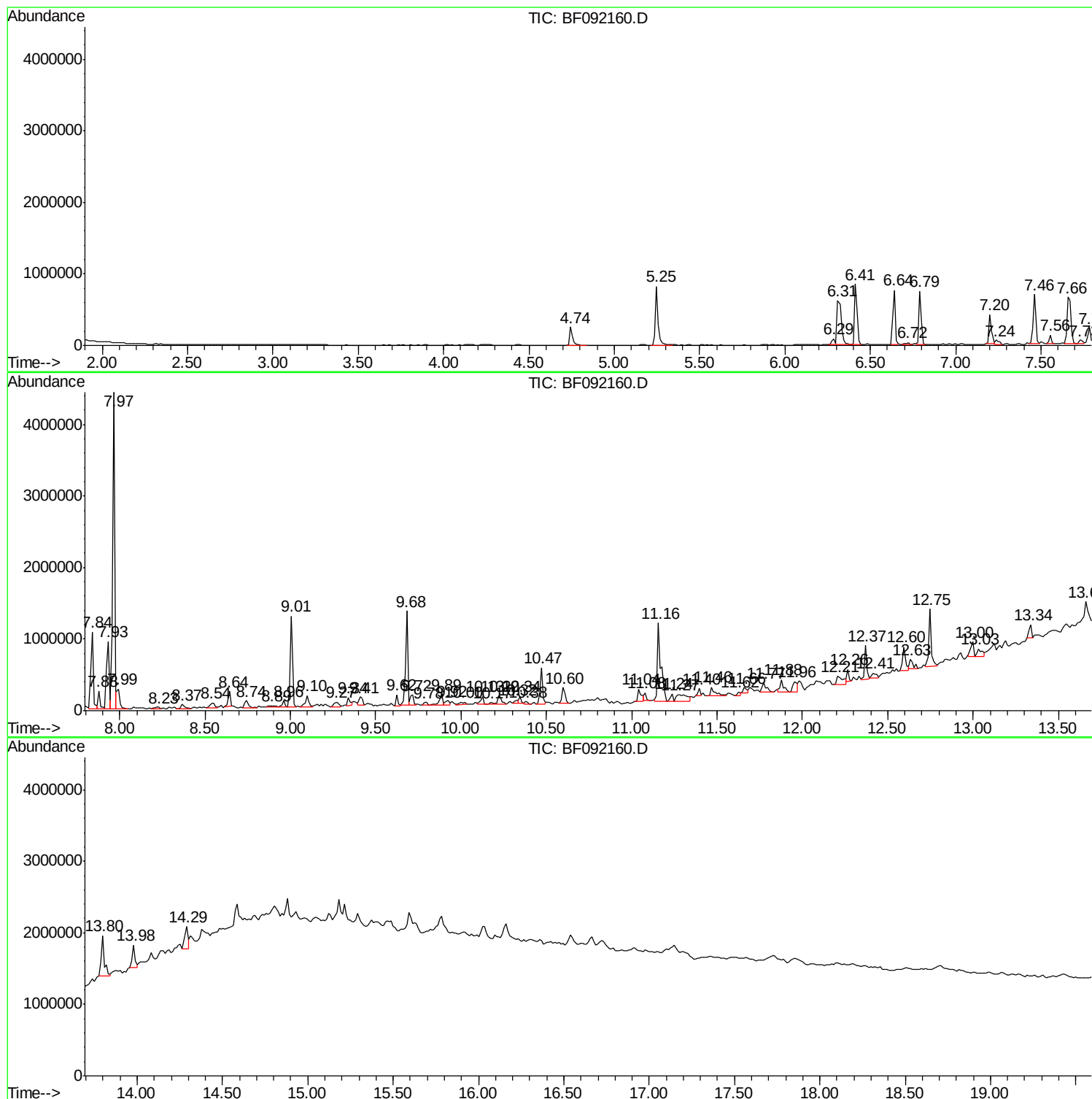
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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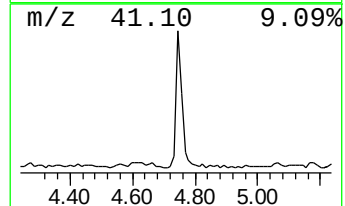
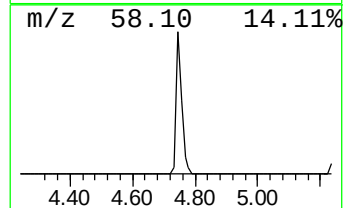
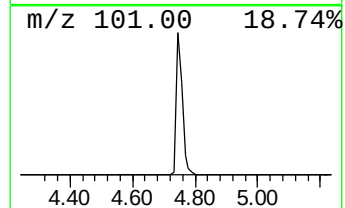
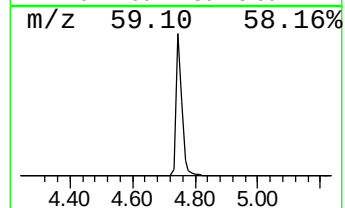
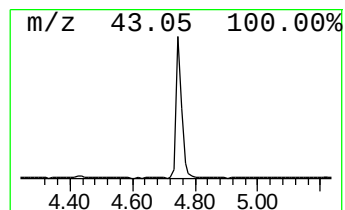
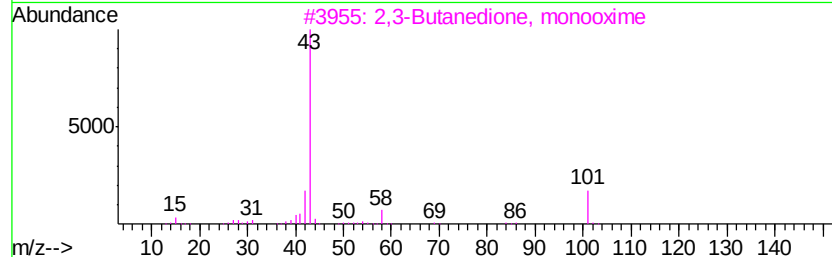
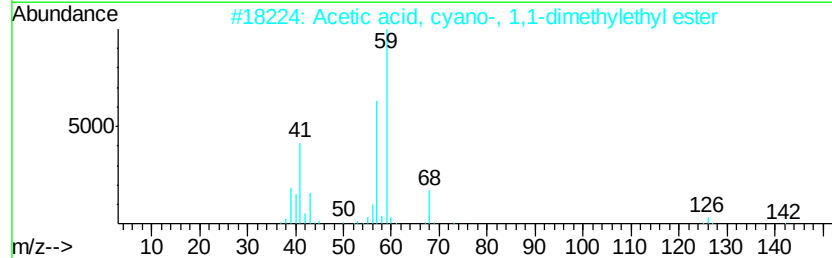
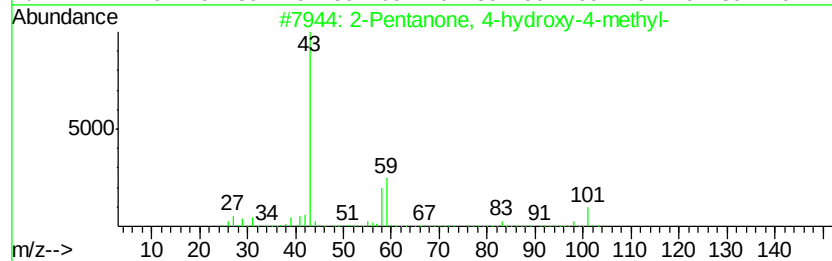
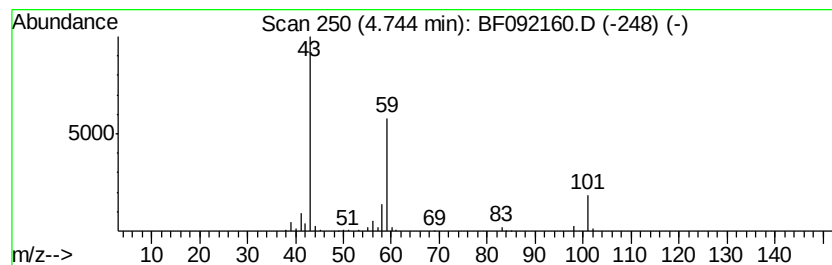
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	7.38 ng	303851	1,4-Dichlorobenzene-d4	6.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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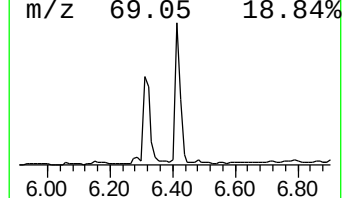
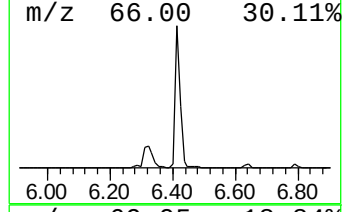
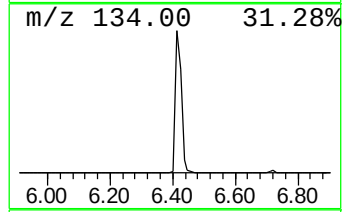
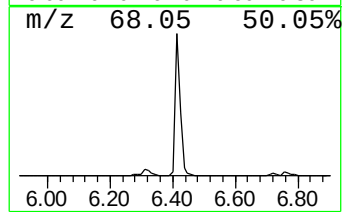
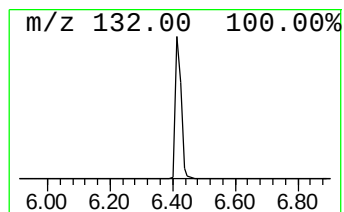
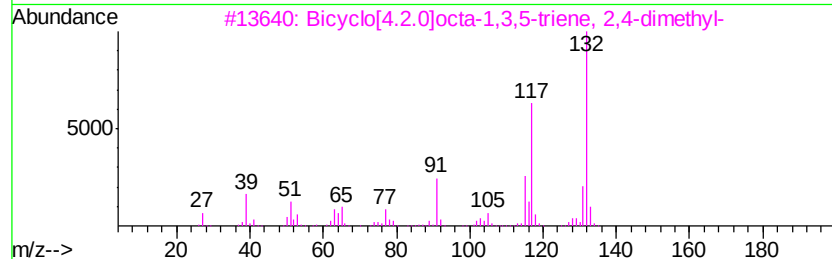
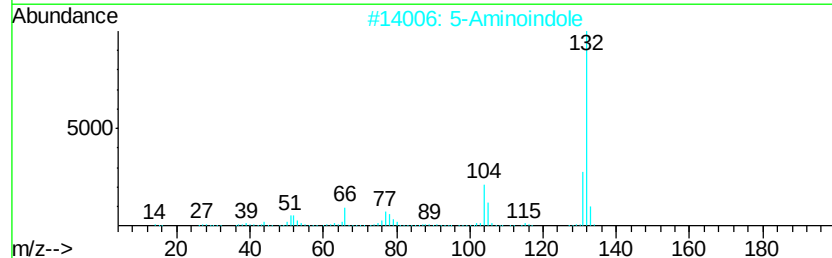
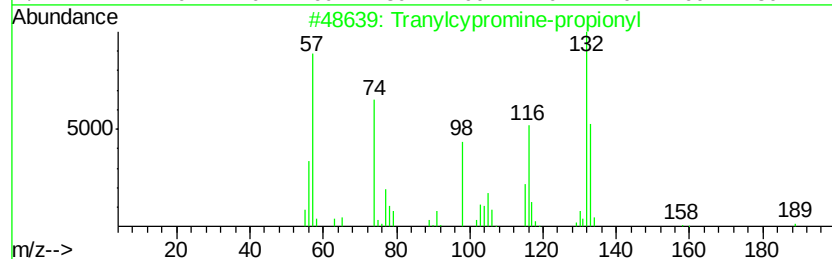
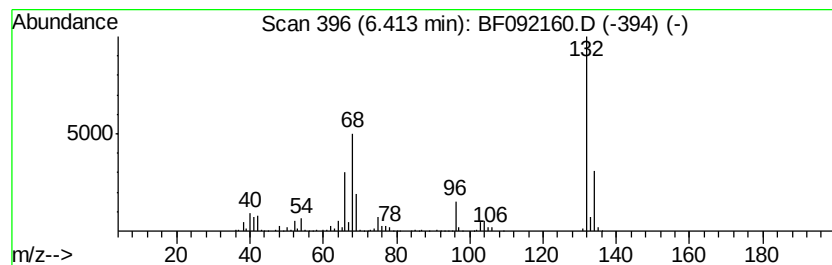
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	22.86 ng	940770	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcypropamine-propionyl	189	C12H15NO	1000123-86-3	10
2		5-Aminoindole	132	C8H8N2	005192-03-0	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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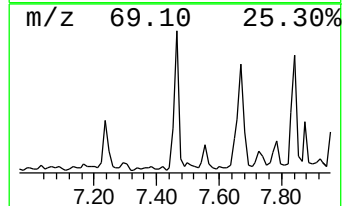
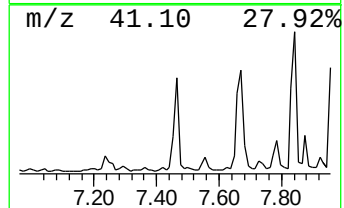
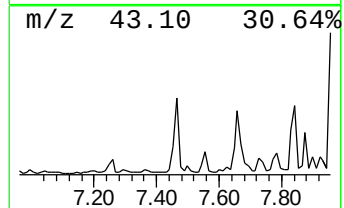
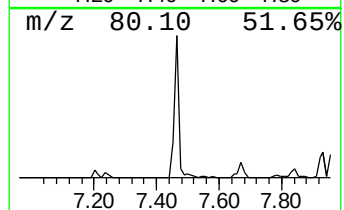
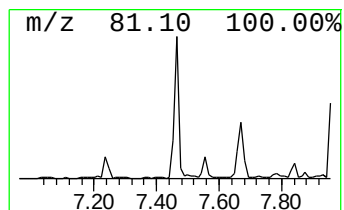
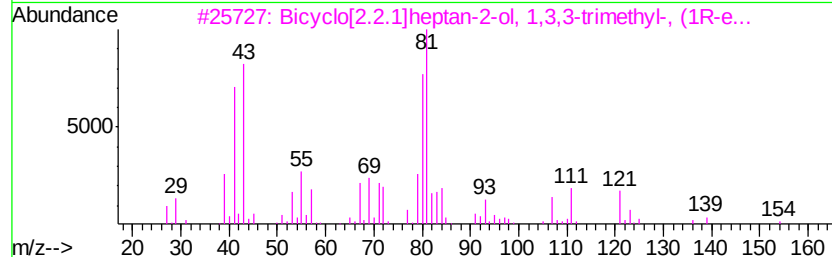
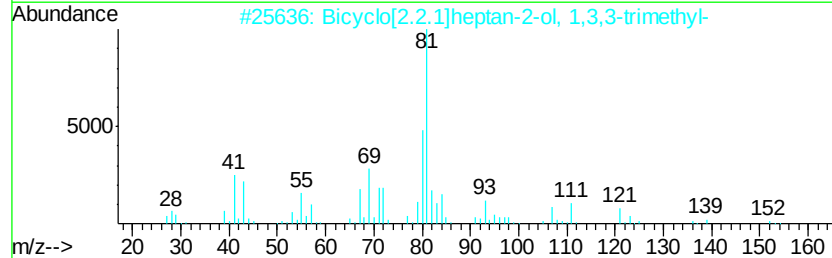
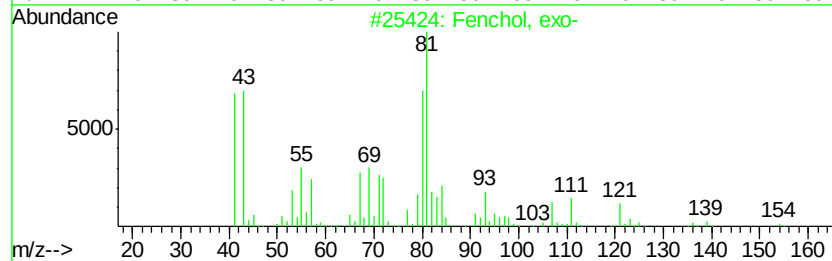
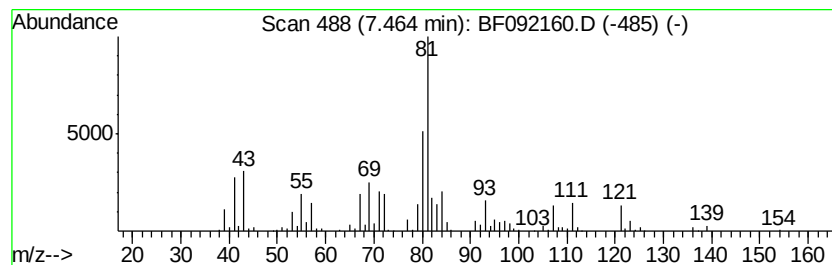
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Fenchol, exo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	11.73 ng	654571	Napthalene-d8	7.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Fenchol, exo-	154 C10H18O	022627-95-8	97
2	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154 C10H18O	001632-73-1	96
3	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154 C10H18O	002217-02-9	38
4	Cyclohexene, 3-ethyl-	110 C8H14	002808-71-1	35
5	2-Ethyl-5-methyl-octahydrocyclop...	184 C11H20O2	1000187-30-7	27



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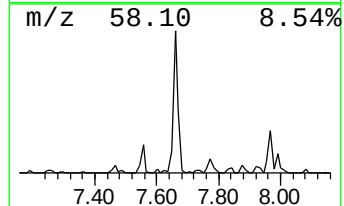
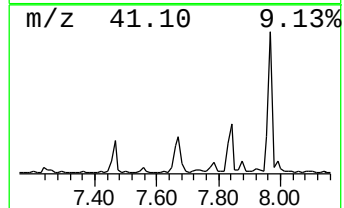
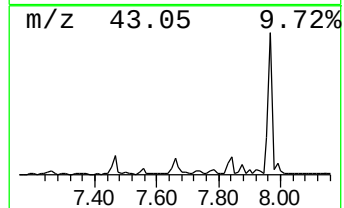
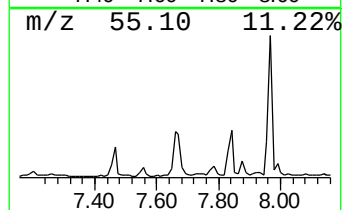
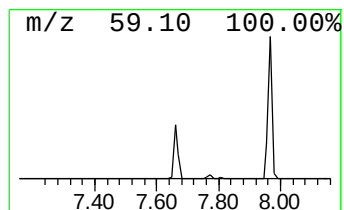
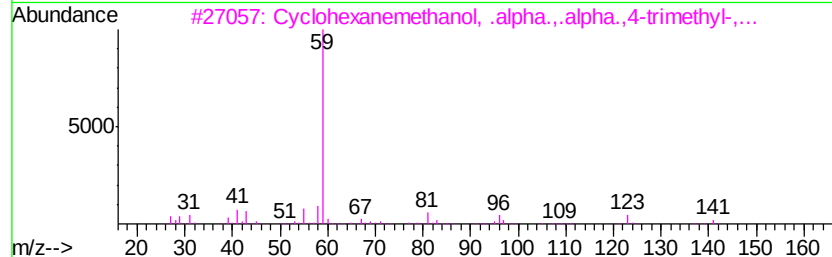
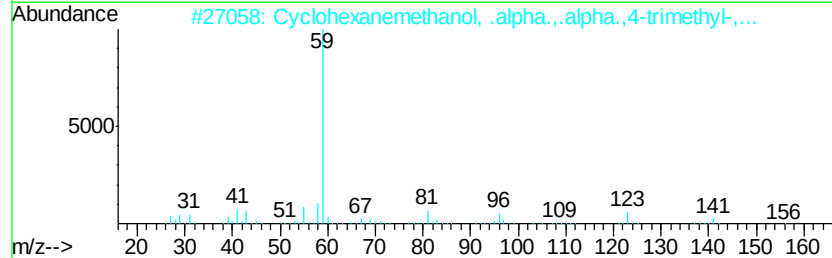
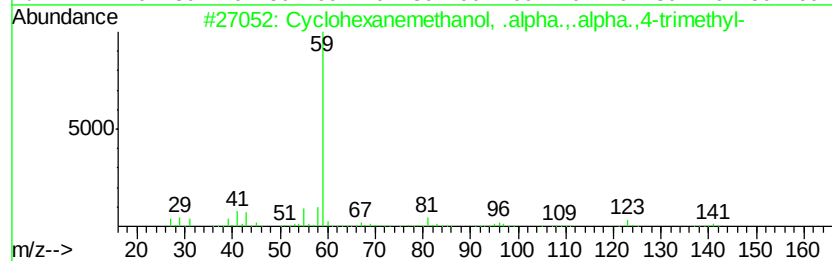
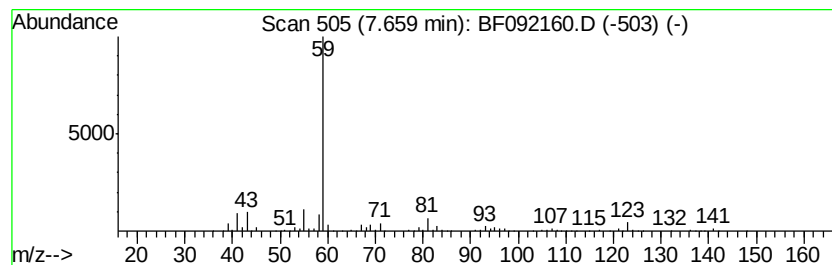
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexanemethanol, .alpha... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	19.06 ng	1063640	Naphthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	64
2		Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	56
3		Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	50
4		Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	45
5		4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1000101-80-3	39



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Operator : UM/SJ
Sample : I1045-05 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

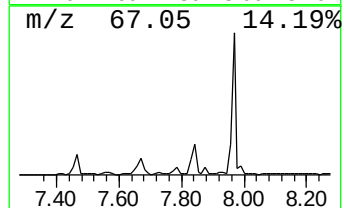
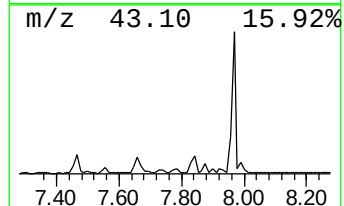
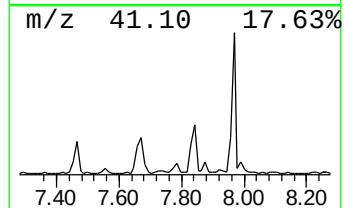
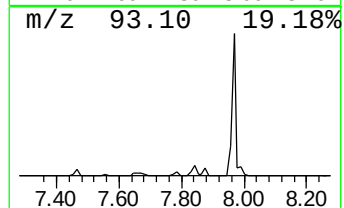
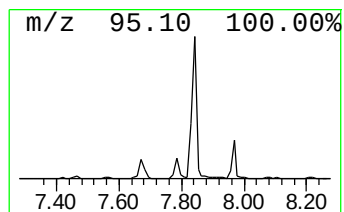
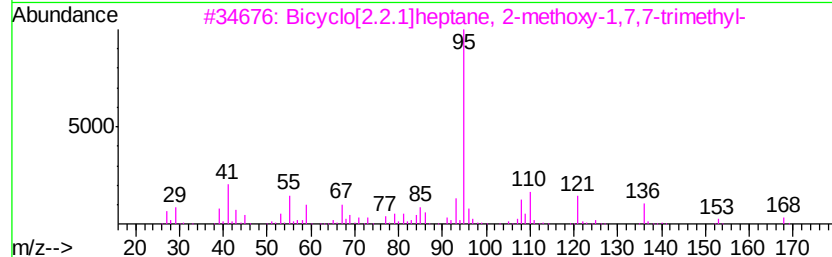
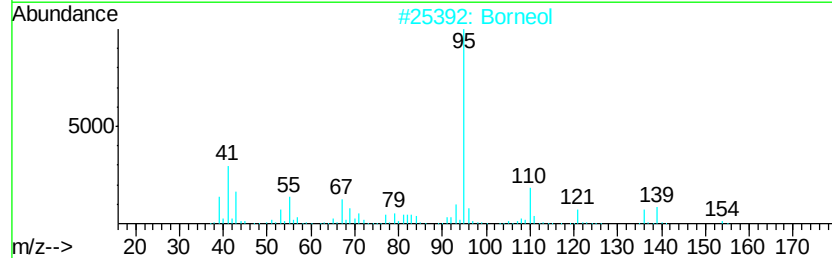
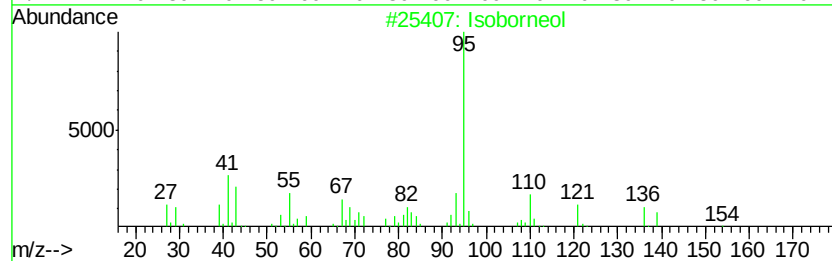
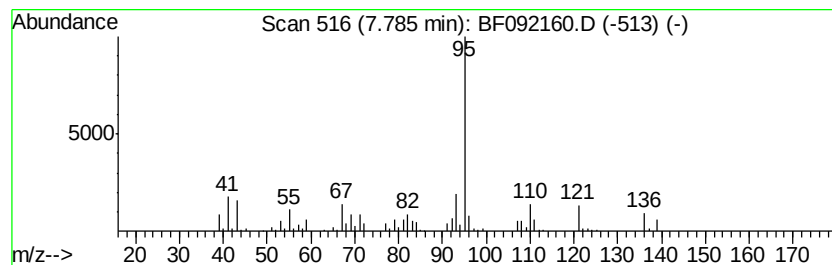
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Isoborneol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	5.13 ng	286176	Napthalene-d8	7.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Isoborneol	154 C10H18O	000124-76-5	86
2	Borneol	154 C10H18O	010385-78-1	64
3	Bicyclo[2.2.1]heptane, 2-methoxy...	168 C11H20O	004443-51-0	64
4	Bicyclo[3.2.1]oct-3-en-2-one, 4-...	136 C9H12O	062702-89-0	53
5	4-(1,2-Dimethyl-cyclopent-2-enyl...	166 C11H18O	075698-06-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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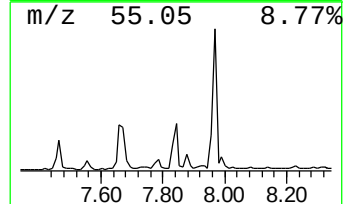
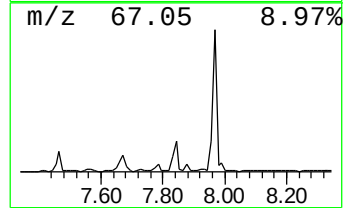
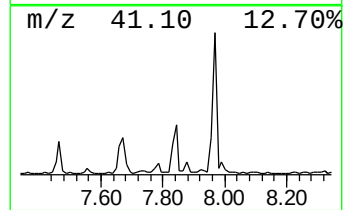
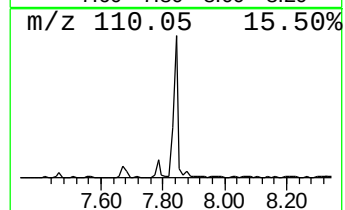
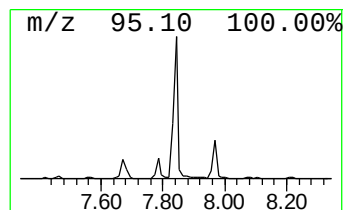
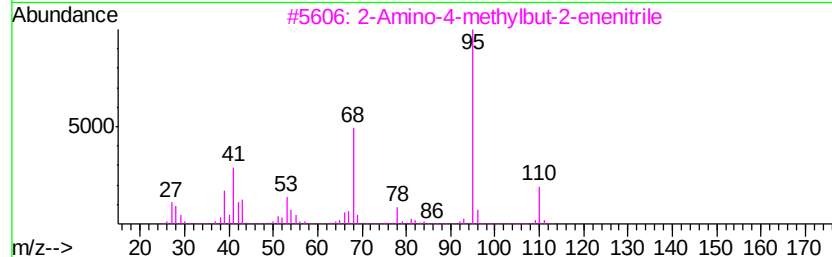
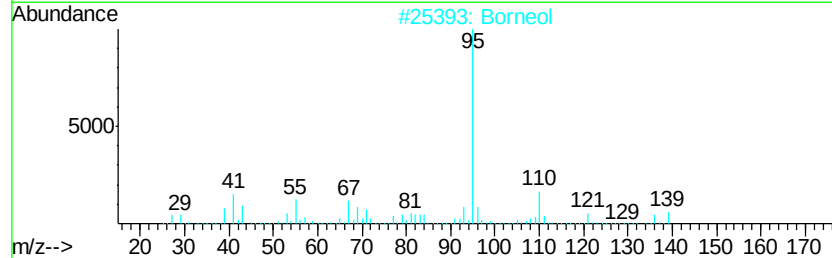
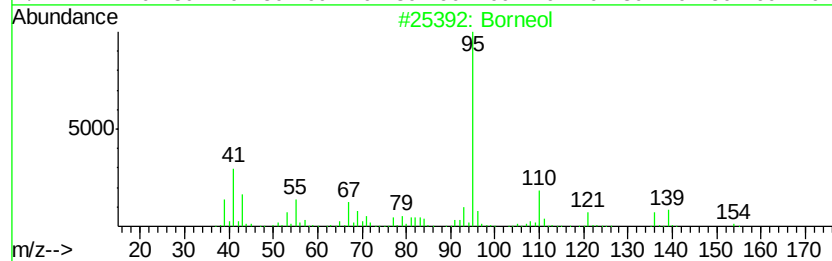
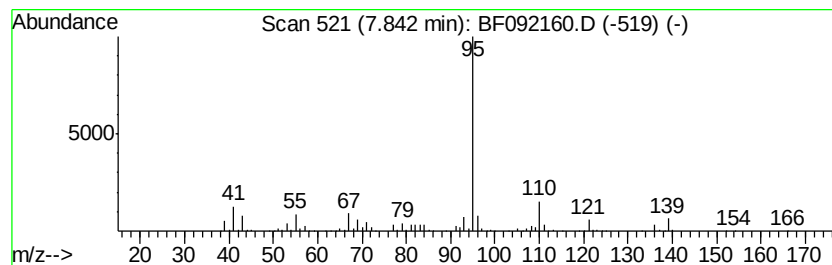
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Borneol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	20.18 ng	1125890	Naphthalene-d8	7.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Borneol		154 C10H18O	010385-78-1 91
2	Borneol		154 C10H18O	000507-70-0 90
3	2-Amino-4-methylbut-2-enenitrile		110 C6H10N2	1000197-39-9 80
4	Furan, 2-ethyl-5-methyl-		110 C7H10O	001703-52-2 64
5	Cyclopropane, 2-(1,1-dimethyl-2-...		166 C12H22	074663-76-6 59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092160.D
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Operator : UM/SJ
Sample : I1045-05 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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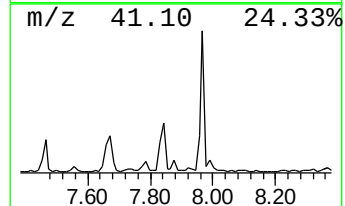
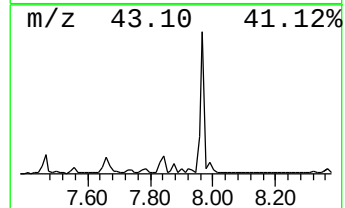
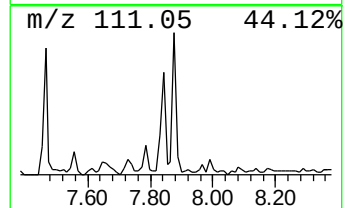
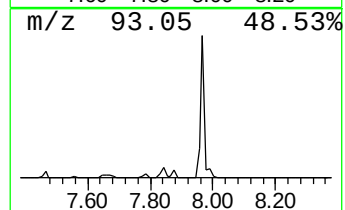
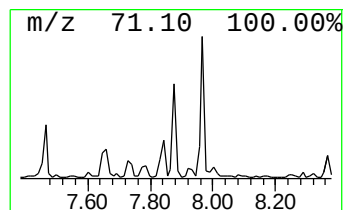
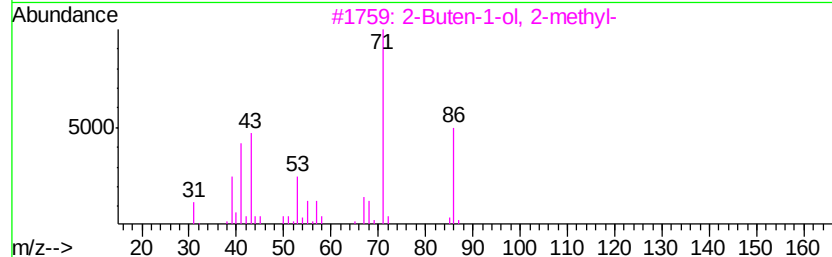
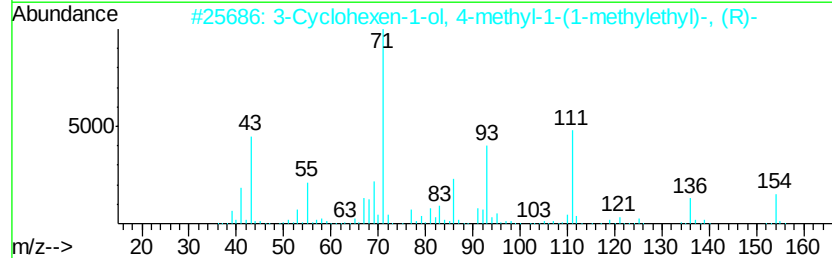
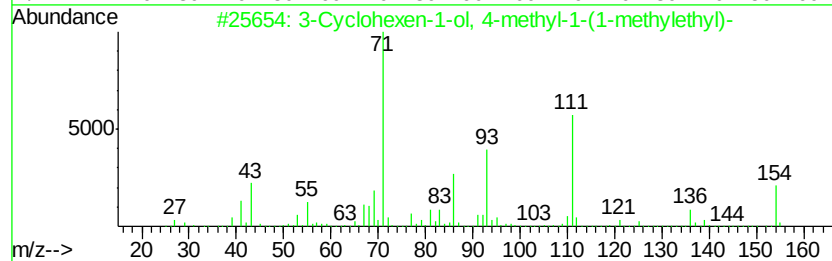
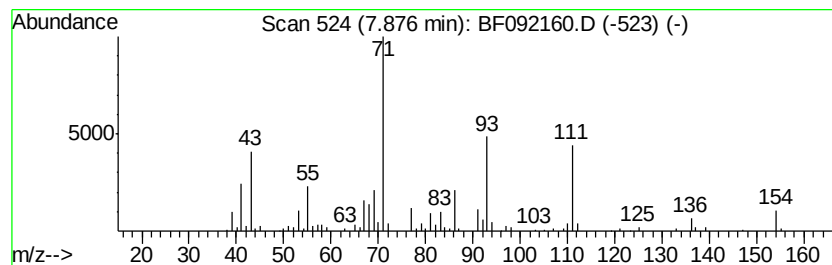
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3-Cyclohexen-1-ol, 4-methyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	4.08 ng	227683	Naphthalene-d8	7.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	000562-74-3	94
2			3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	94
3			2-Buten-1-ol, 2-methyl-	86	C5H10O	004675-87-0	38
4			2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	35
5			1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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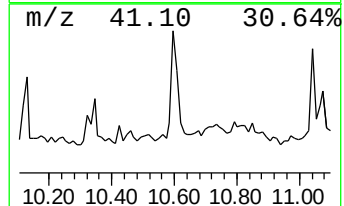
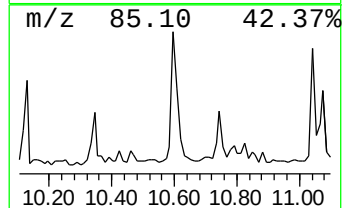
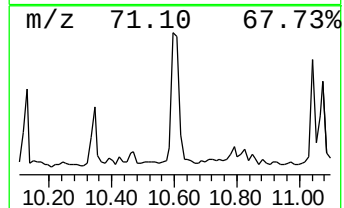
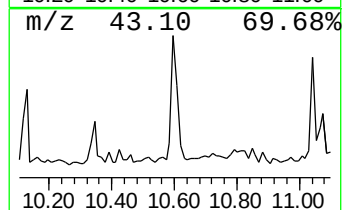
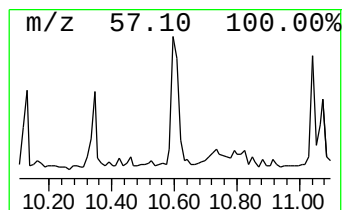
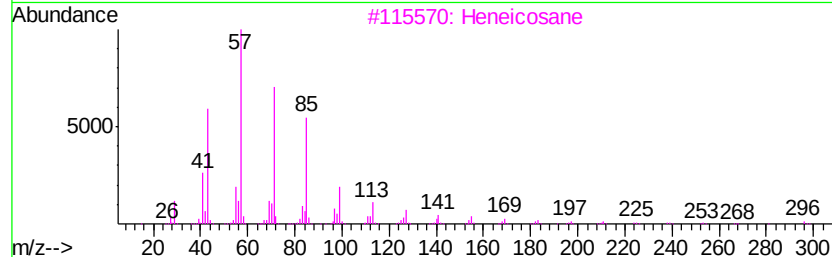
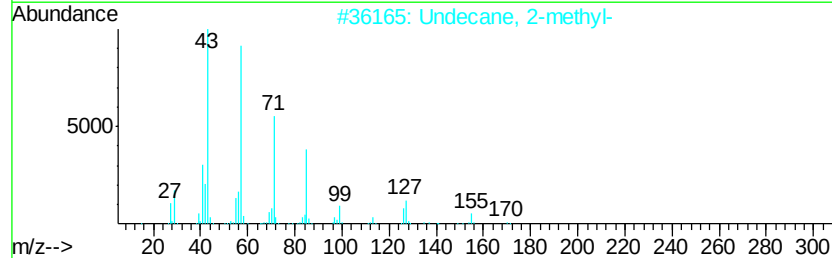
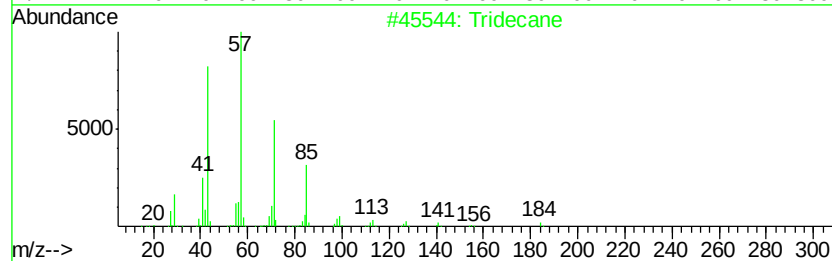
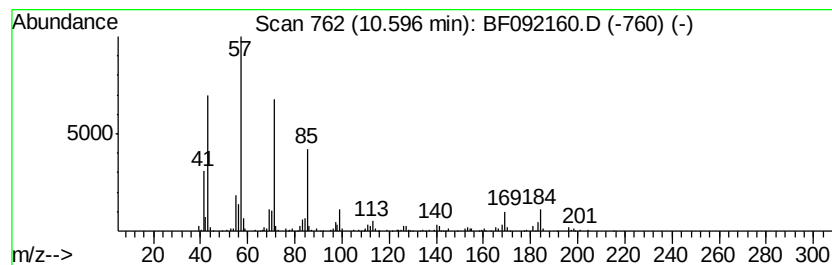
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.60	3.74 ng	290349	Phenanthrene-d10		11.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
3	Heneicosane	296	C21H44	000629-94-7	64
4	Nonadecane	268	C19H40	000629-92-5	62
5	2,6-Dimethyldecane	170	C12H26	013150-81-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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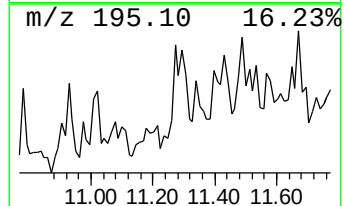
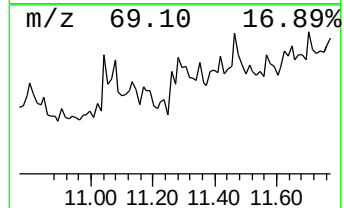
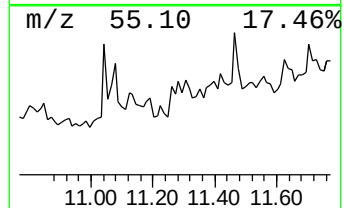
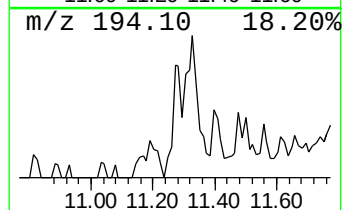
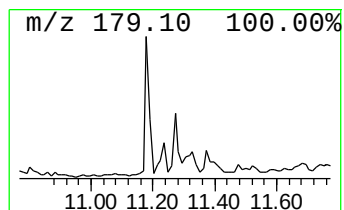
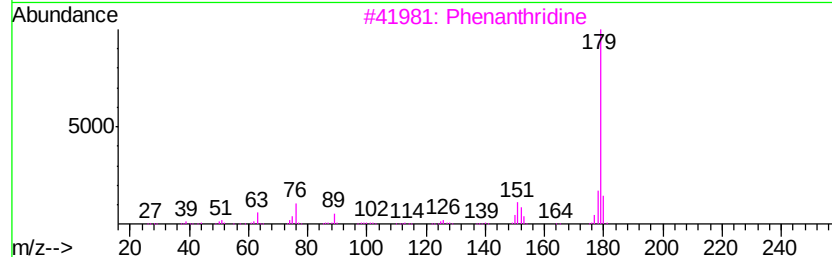
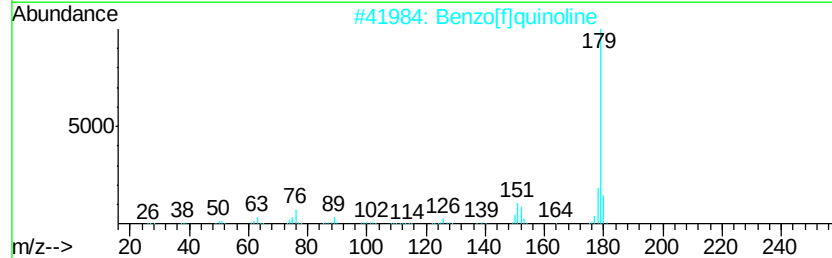
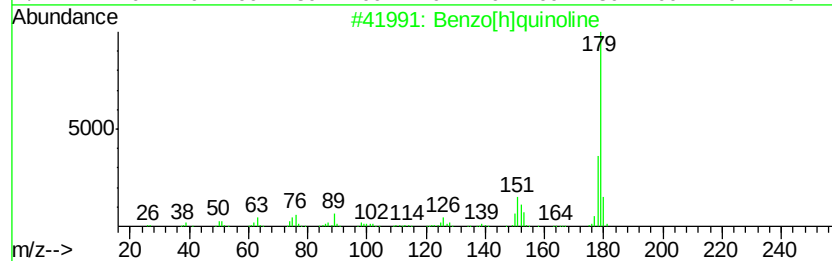
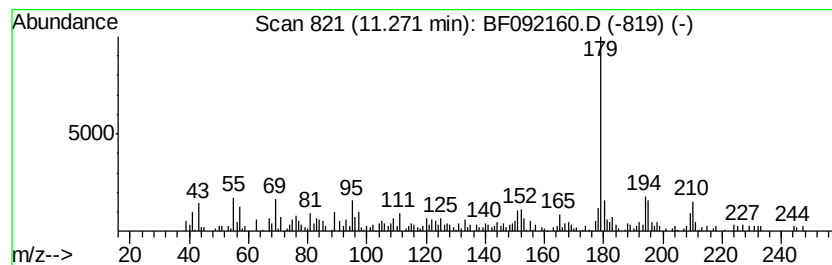
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[h]quinoline Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.27	5.74 ng	445854	Phenanthrene-d10		11.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	60
2	Benzo[f]quinoline	179	C13H9N	000085-02-9	60
3	Phenanthridine	179	C13H9N	000229-87-8	60
4	Acridine	179	C13H9N	000260-94-6	60
5	Anthracene, 9,10-dihydro-9-methyl-	194	C15H14	017239-99-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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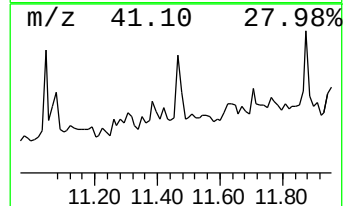
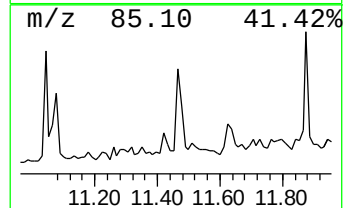
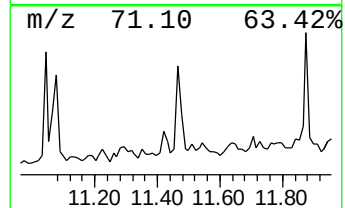
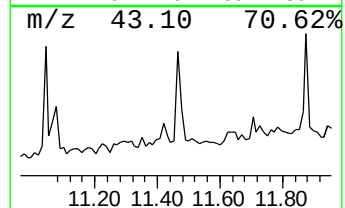
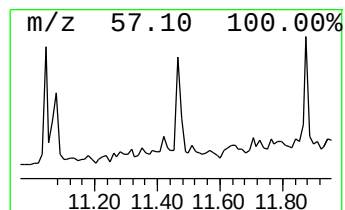
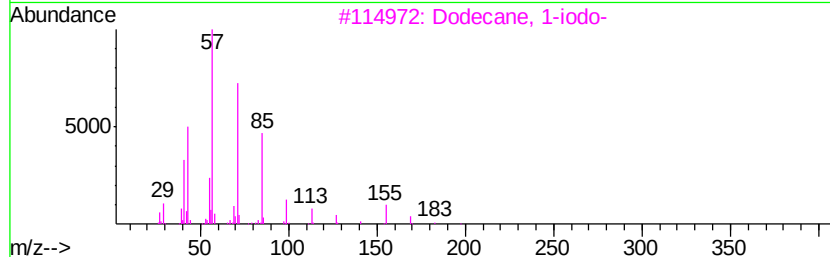
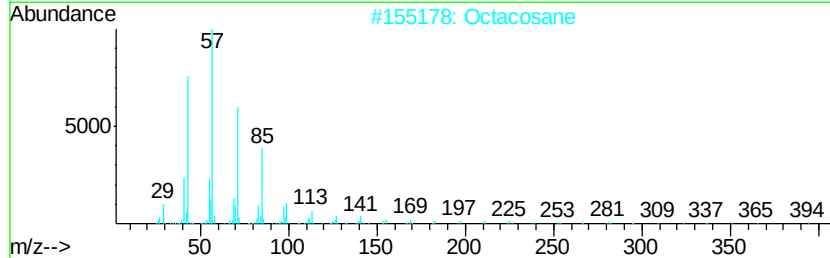
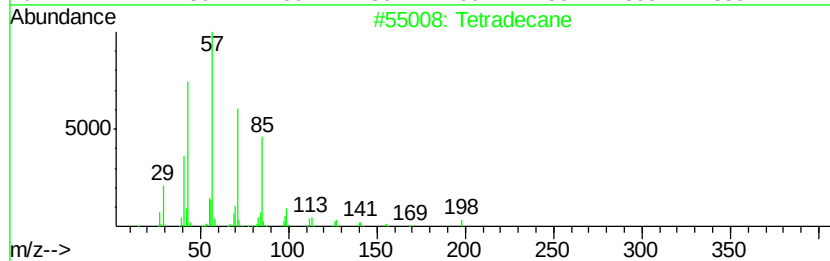
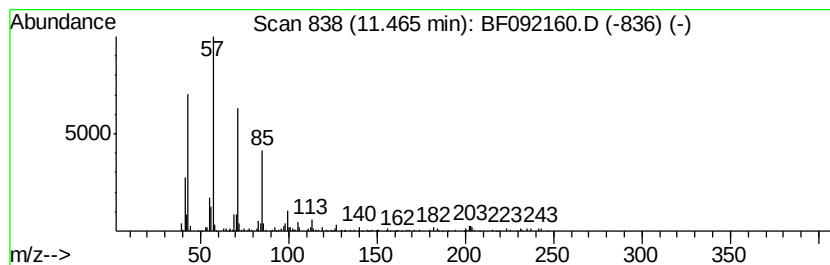
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.46	3.48 ng	270104	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Octacosane	394	C28H58	000630-02-4	78
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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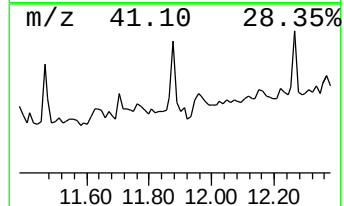
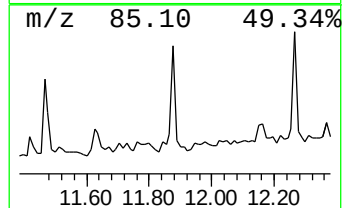
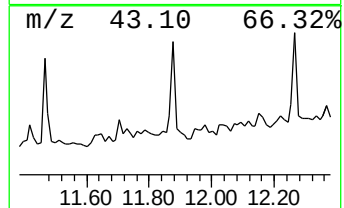
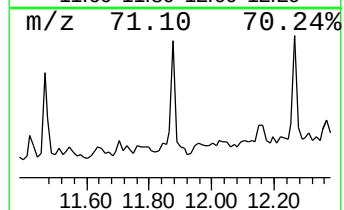
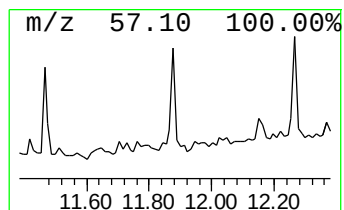
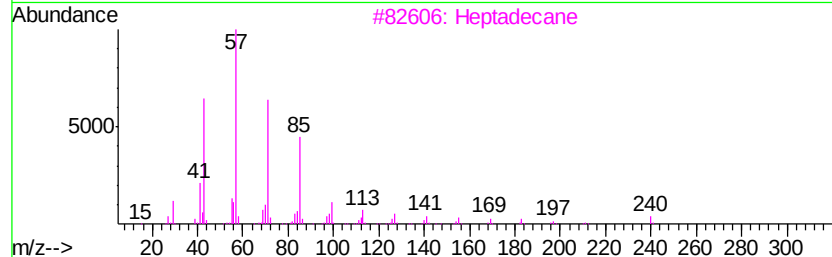
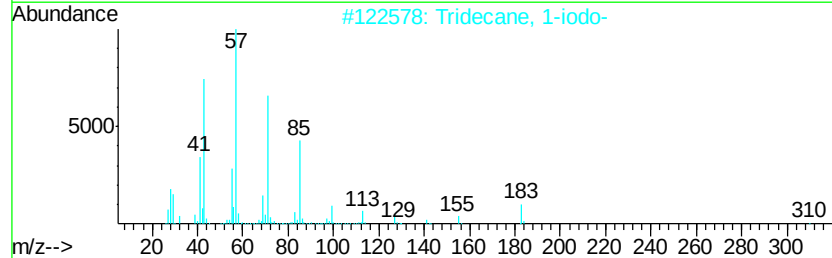
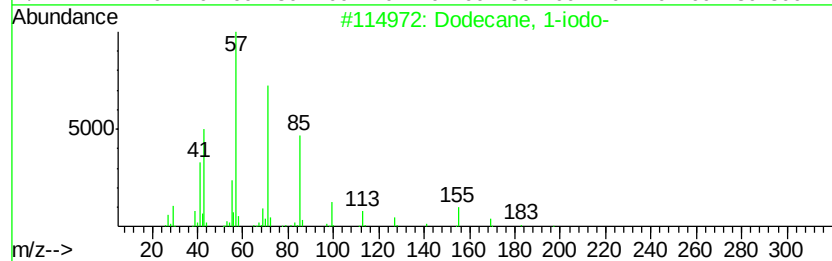
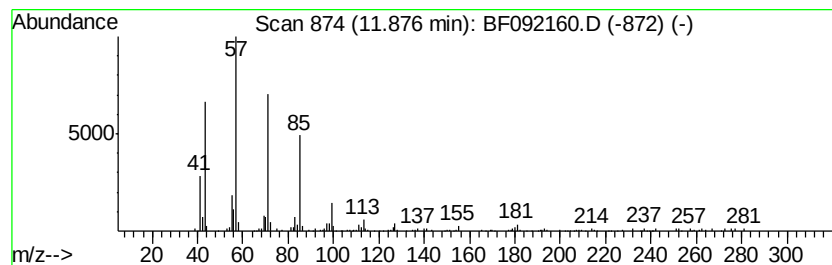
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.88	3.56 ng	276416	Phenanthrene-d10		11.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3	Heptadecane	240	C17H36	000629-78-7	72
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5	Eicosane	282	C20H42	000112-95-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092160.D
Acq On : 10 Jan 2017 1:31
Operator : UM/SJ
Sample : I1045-05 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

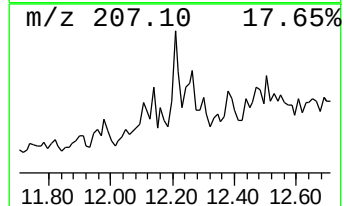
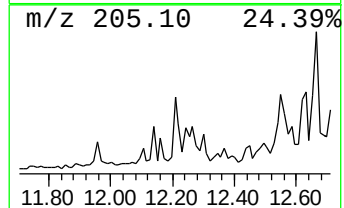
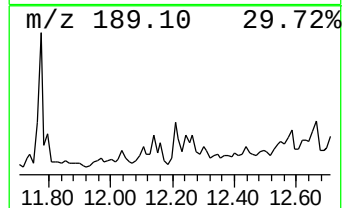
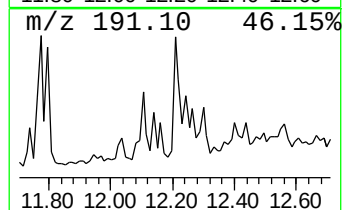
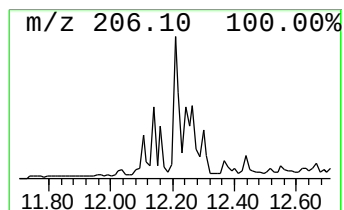
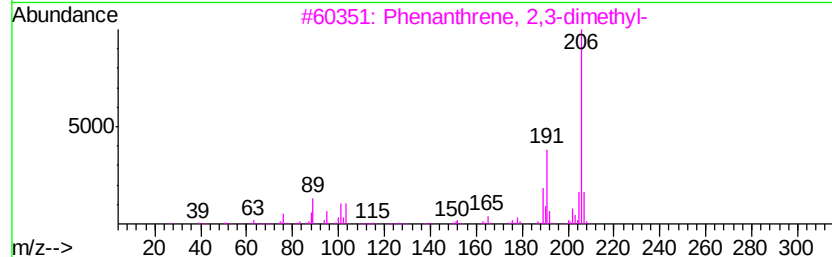
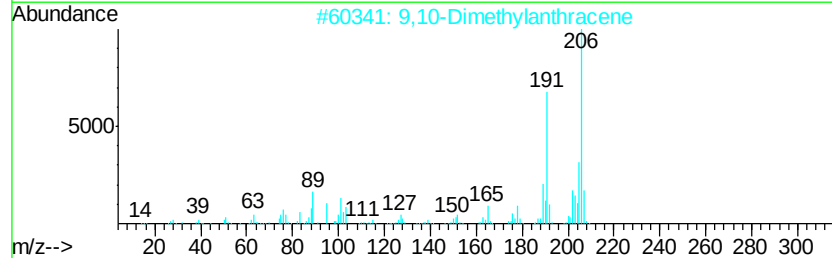
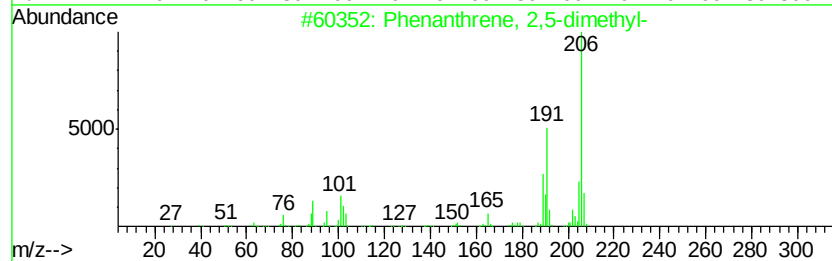
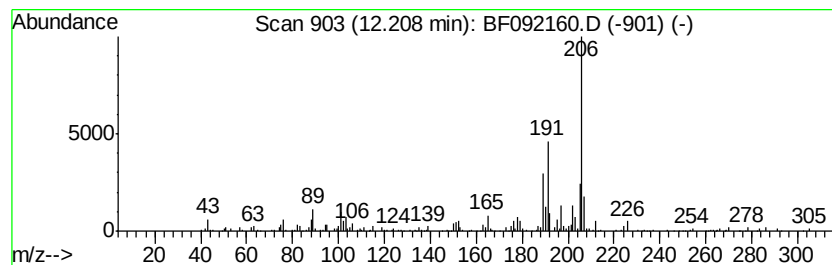
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	3.49 ng	270934	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092160.D
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Operator : UM/SJ
Sample : I1045-05 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

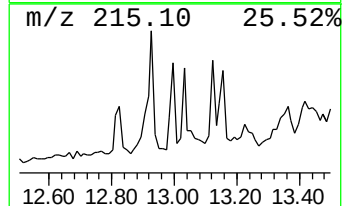
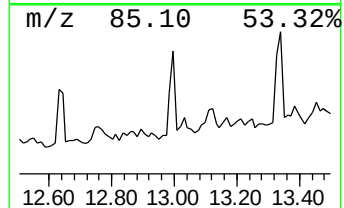
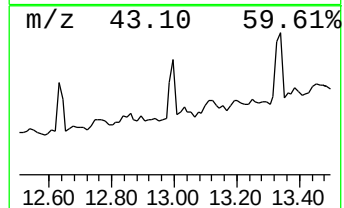
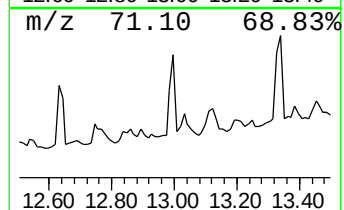
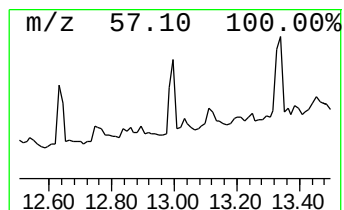
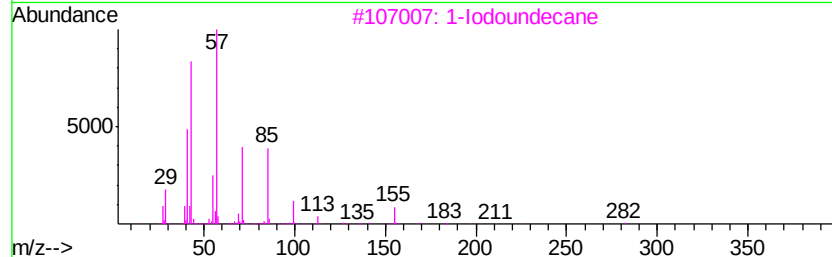
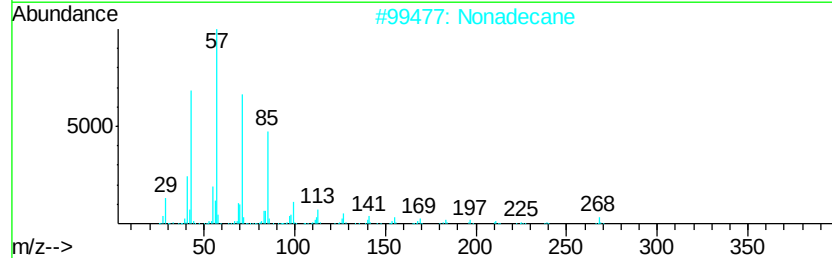
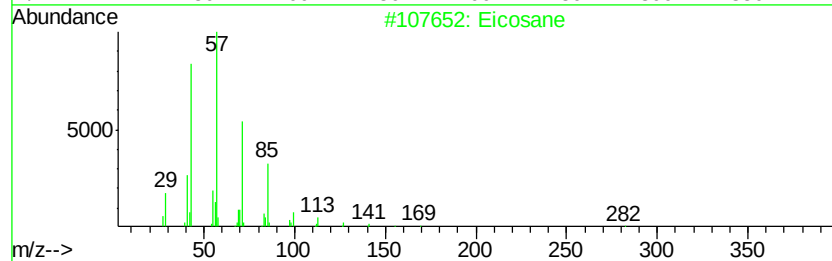
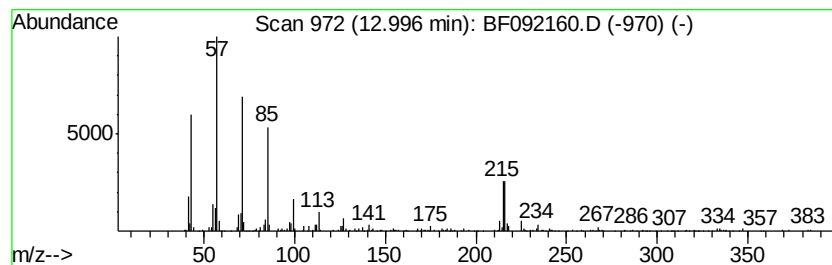
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ClientSampleId :
RAP-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.00	6.08 ng	226457	Chrysene-d12		13.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Nonadecane	268	C19H40	000629-92-5	62
3	1-Iodoundecane	282	C11H23I	004282-44-4	60
4	Hexadecane	226	C16H34	000544-76-3	58
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092160.D
Acq On : 10 Jan 2017 1:31
Operator : UM/SJ
Sample : I1045-05 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

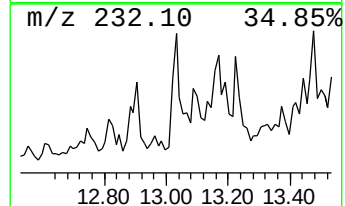
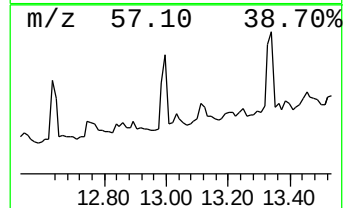
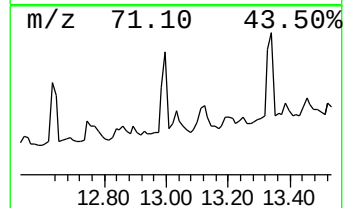
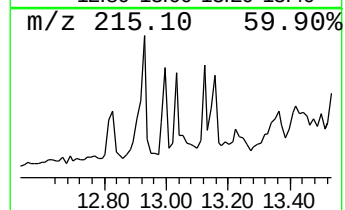
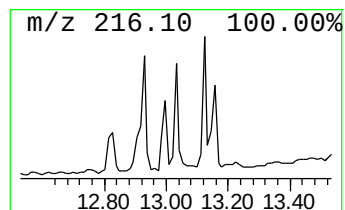
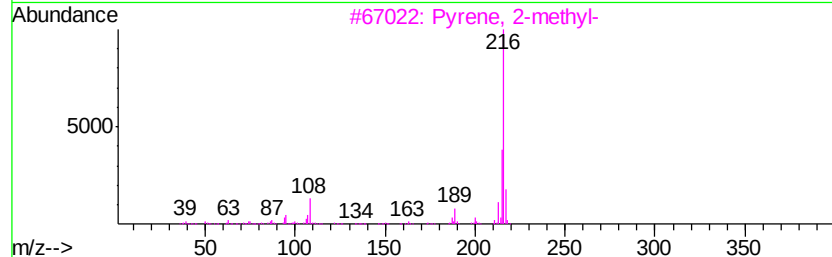
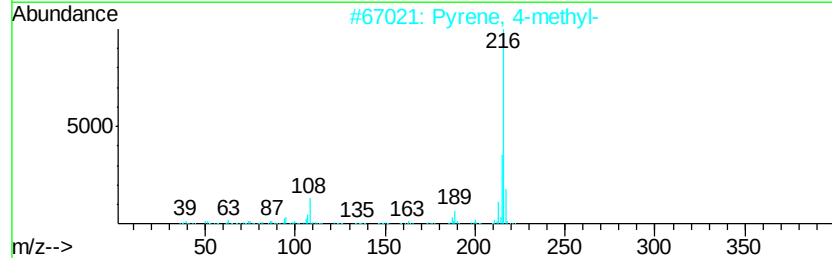
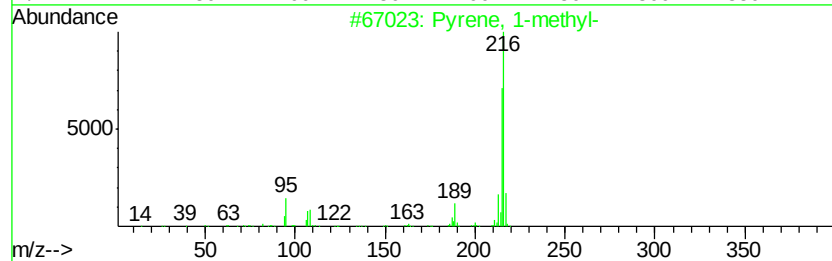
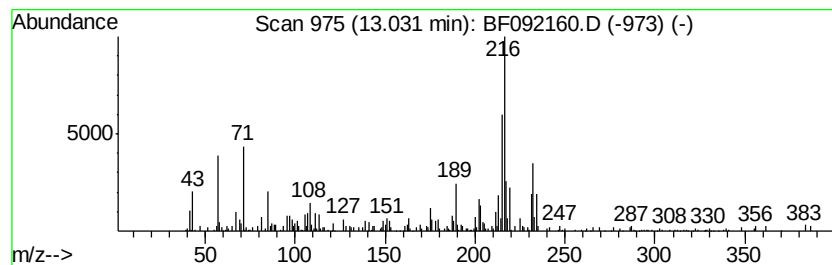
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	6.30 ng	234551	Chrysene-d12	13.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	64
2	Pyrene, 4-methyl-	216 C17H12	003353-12-6	46
3	Pyrene, 2-methyl-	216 C17H12	003442-78-2	46
4	11H-Benzo[a]fluorene	216 C17H12	000238-84-6	41
5	11H-Benzo[b]fluorene	216 C17H12	000243-17-4	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092160.D
Acq On : 10 Jan 2017 1:31
Operator : UM/SJ
Sample : I1045-05 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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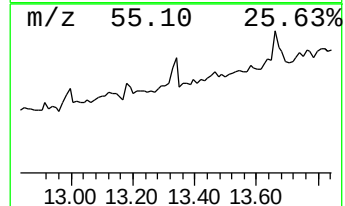
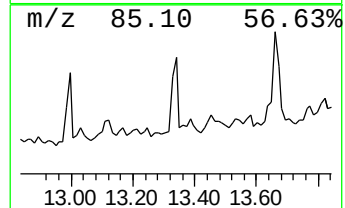
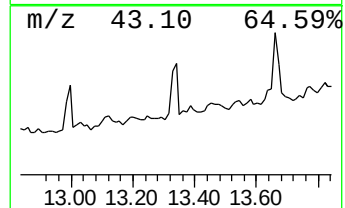
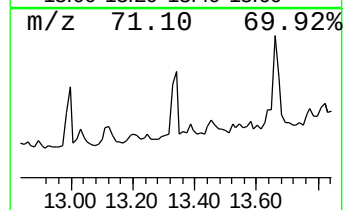
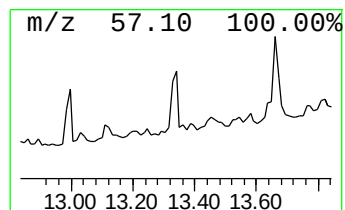
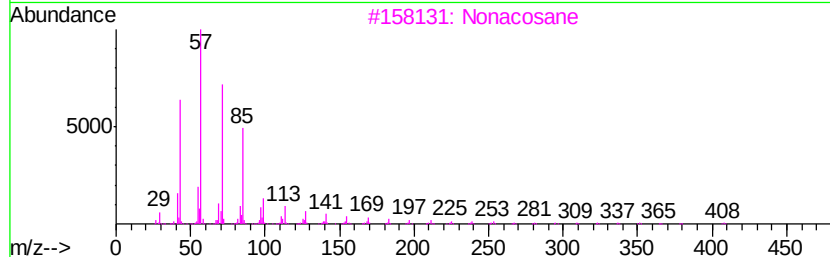
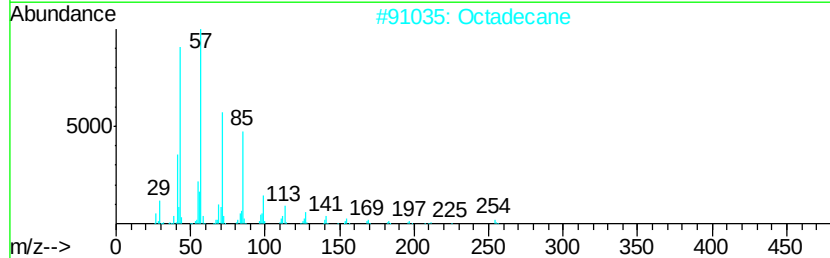
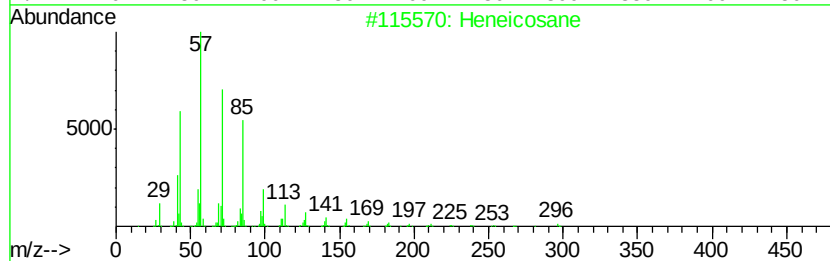
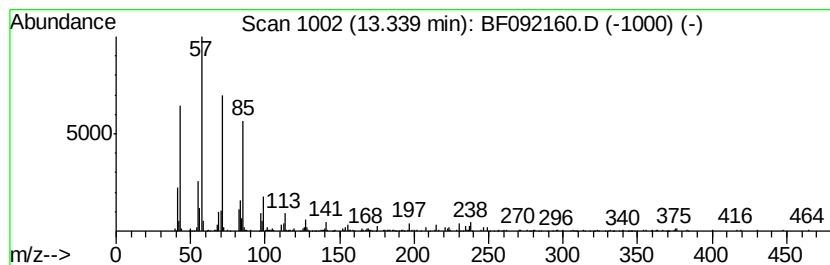
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	5.52 ng	205561	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	83
2		Octadecane	254	C18H38	000593-45-3	80
3		Nonacosane	408	C29H60	000630-03-5	80
4		Docosane	310	C22H46	000629-97-0	80
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092160.D
Acq On : 10 Jan 2017 1:31
Operator : UM/SJ
Sample : I1045-05 2X
Misc :
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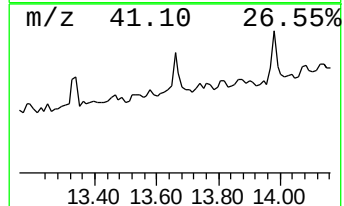
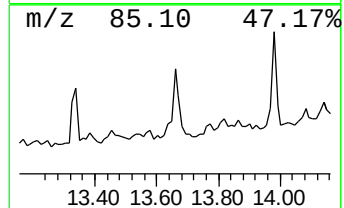
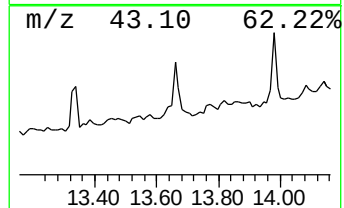
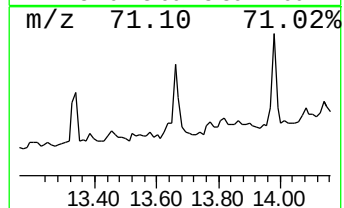
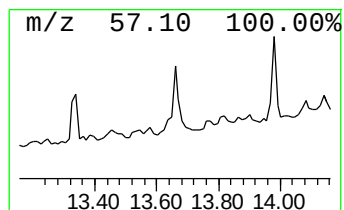
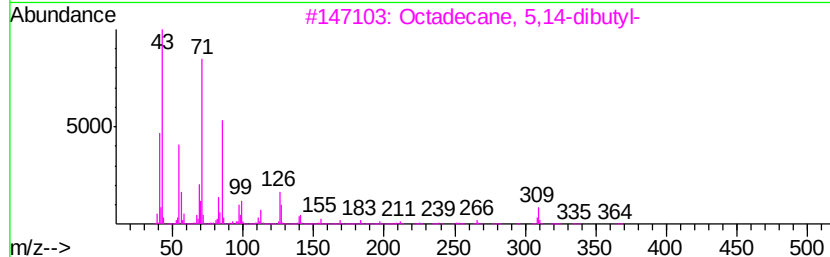
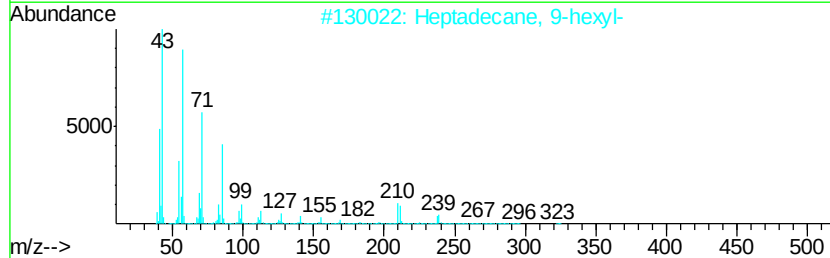
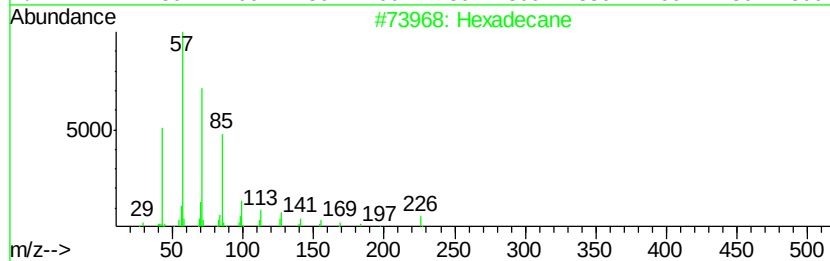
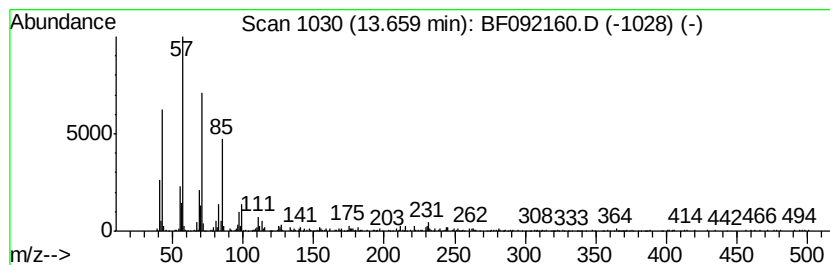
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	10.32 ng	384211	Chrysene-d12	13.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Heptadecane, 9-hexyl-	324 C23H48	055124-79-3	90
3	Octadecane, 5,14-dibutyl-	366 C26H54	055282-13-8	89
4	Heptacosane	380 C27H56	000593-49-7	87
5	Eicosane	282 C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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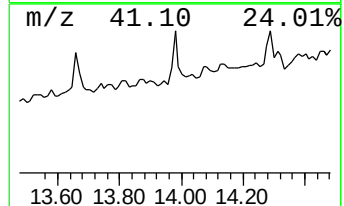
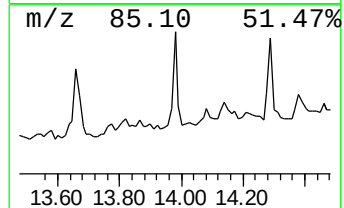
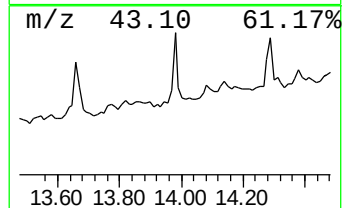
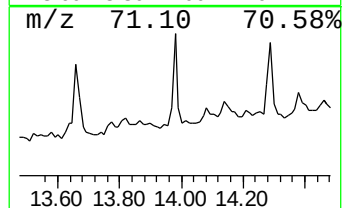
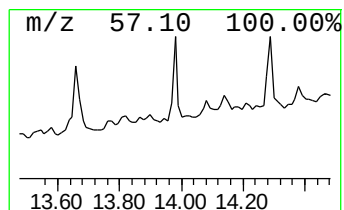
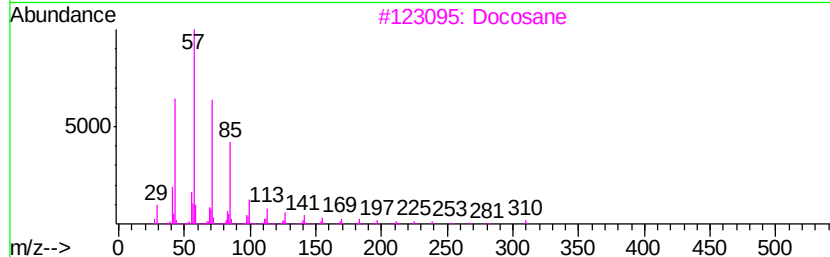
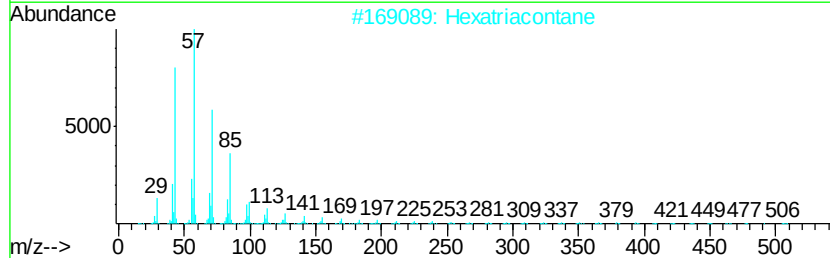
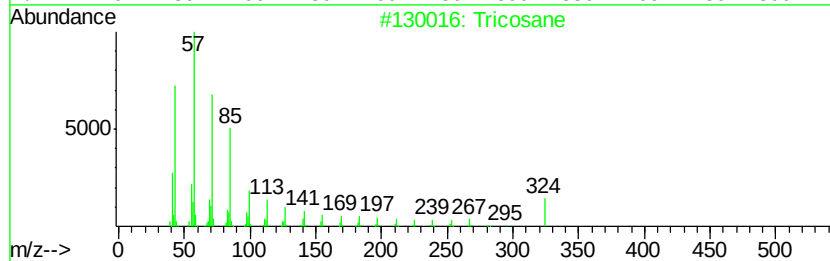
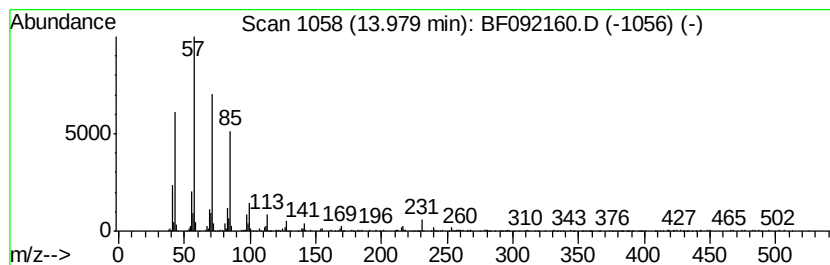
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.98	9.50 ng	353534	Chrysene-d12	13.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	87
2	Hexatriacontane	507	C36H74	000630-06-8	86
3	Docosane	310	C22H46	000629-97-0	83
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	83
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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Sample : I1045-05 2X
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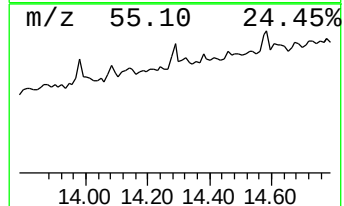
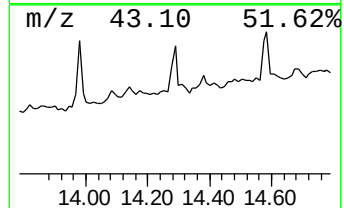
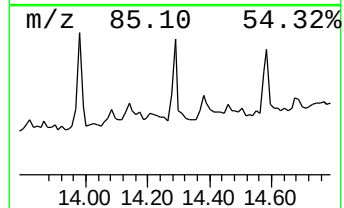
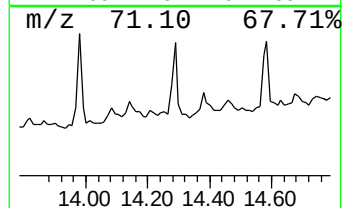
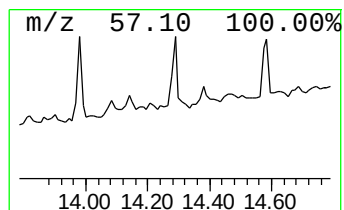
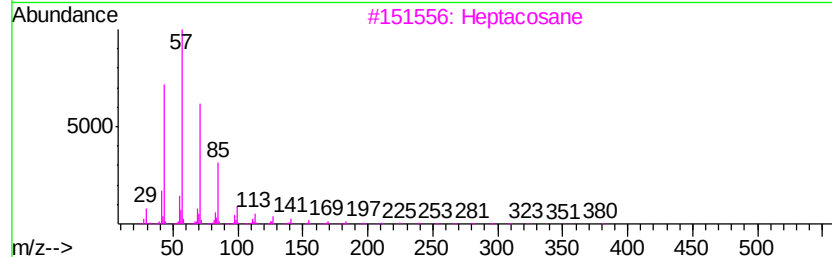
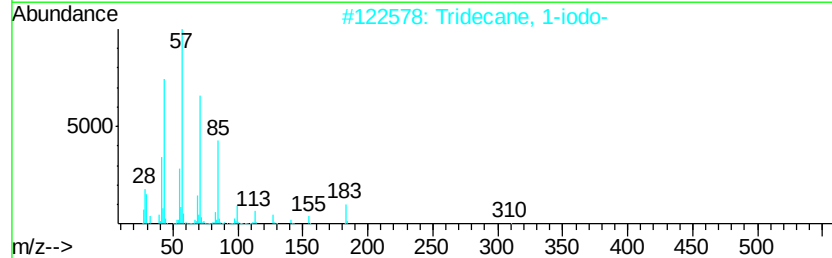
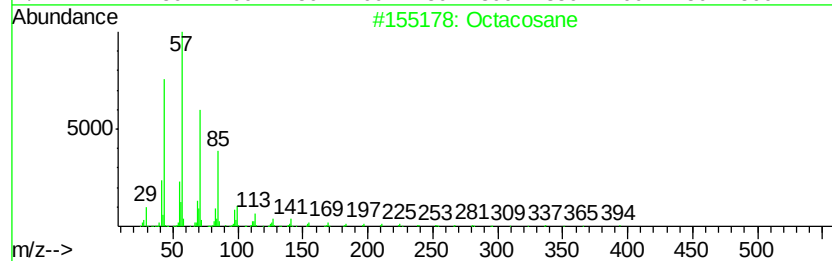
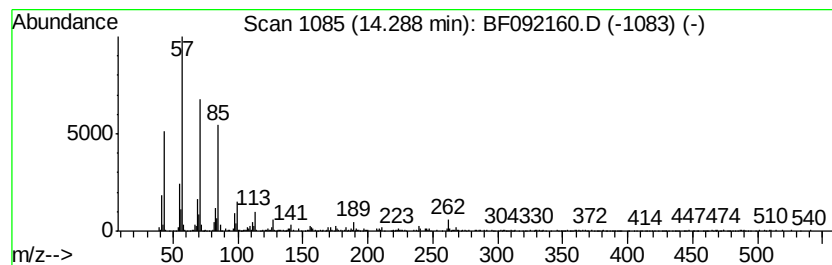
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	11.58 ng	430912	Chrysene-d12	13.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane		394 C28H58	000630-02-4 95
2	Tridecane, 1-iodo-		310 C13H27I	035599-77-0 90
3	Heptacosane		380 C27H56	000593-49-7 90
4	Eicosane, 10-methyl-		296 C21H44	054833-23-7 90
5	Pentadecane, 8-hexyl-		296 C21H44	013475-75-7 81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092160.D
 Acq On : 10 Jan 2017 1:31
 Operator : UM/SJ
 Sample : I1045-05 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.74	7.4	ng	303851	1	6.64	823224	20.0
unknown6.41	6.41	22.9	ng	940770	1	6.64	823224	20.0
Fenchol, exo-	7.46	11.7	ng	654571	2	7.93	1115980	20.0
Cyclohexanemethan...	7.66	19.1	ng	1063640	2	7.93	1115980	20.0
Isoborneol	7.78	5.1	ng	286176	2	7.93	1115980	20.0
Borneol	7.84	20.2	ng	1125890	2	7.93	1115980	20.0
3-Cyclohexen-1-ol...	7.88	4.1	ng	227683	2	7.93	1115980	20.0
Tridecane	10.60	3.7	ng	290349	4	11.16	1553950	20.0
Benzo[h]quinoline	11.27	5.7	ng	445854	4	11.16	1553950	20.0
Tetradecane	11.46	3.5	ng	270104	4	11.16	1553950	20.0
Dodecane, 1-iodo-	11.88	3.6	ng	276416	4	11.16	1553950	20.0
Phenanthrene, 2,5...	12.21	3.5	ng	270934	4	11.16	1553950	20.0
Eicosane	13.00	6.1	ng	226457	5	13.80	744500	20.0
Pyrene, 1-methyl-	13.03	6.3	ng	234551	5	13.80	744500	20.0
Heneicosane	13.34	5.5	ng	205561	5	13.80	744500	20.0
Hexadecane	13.66	10.3	ng	384211	5	13.80	744500	20.0
Tricosane	13.98	9.5	ng	353534	5	13.80	744500	20.0
Octacosane	14.29	11.6	ng	430912	5	13.80	744500	20.0