

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091643.D
 Acq On : 15 Dec 2016 22:05
 Operator : UM/SJ
 Sample : H5940-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS01-0-2IN

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-BF120916.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	4.956	248	251	260	rBV	1855402	2568173	40.59%	3.968%
2	5.390	286	289	291	rBV	5824494	5788895	91.49%	8.944%
3	5.470	291	296	302	rVB	28592	70011	1.11%	0.108%
4	6.430	377	380	382	rVB	5738950	6327538	100.00%	9.776%
5	6.556	388	391	393	rBV	6617585	6325278	99.96%	9.773%
6	6.785	409	411	413	rBV	1824151	1596165	25.23%	2.466%
7	6.945	422	425	427	rBV	4210411	4779134	75.53%	7.384%
8	7.345	457	460	463	rBV	2953182	3711982	58.66%	5.735%
9	7.459	466	470	472	rBV	128138	170957	2.70%	0.264%
10	7.825	498	502	506	rBV3	44658	67094	1.06%	0.104%
11	8.065	521	523	526	rBV	1719855	2033154	32.13%	3.141%
12	8.933	597	599	601	rBV	778267	629617	9.95%	0.973%
13	9.150	615	618	620	rBV	6080536	5436027	85.91%	8.399%
14	9.253	625	627	637	rVB2	197122	274470	4.34%	0.424%
15	9.390	637	639	643	rBV	67271	116499	1.84%	0.180%
16	9.539	650	652	655	rBV	1218682	1602419	25.32%	2.476%
17	9.596	655	657	663	rVB	462494	476403	7.53%	0.736%
18	9.768	667	672	674	rBV2	214819	248552	3.93%	0.384%
19	9.825	674	677	679	rBV	2361902	2114642	33.42%	3.267%
20	10.259	714	715	721	rVB	159967	238900	3.78%	0.369%
21	10.465	731	733	738	rVB2	143168	208923	3.30%	0.323%
22	10.613	743	746	748	rVB	2813425	3298817	52.13%	5.097%
23	10.739	755	757	761	rBV	199735	321813	5.09%	0.497%
24	10.831	761	765	766	rBV4	56574	97639	1.54%	0.151%
25	11.139	790	792	794	rBV2	45326	69820	1.10%	0.108%
26	11.185	794	796	797	rVV	140435	119841	1.89%	0.185%
27	11.299	804	806	810	rBV	1547985	1692171	26.74%	2.614%
28	11.356	810	811	814	rVB3	66647	102052	1.61%	0.158%
29	11.436	814	818	821	rBV3	62009	157442	2.49%	0.243%
30	11.539	824	827	830	rVV3	91090	265355	4.19%	0.410%
31	11.608	832	833	840	rVB	134999	225960	3.57%	0.349%
32	11.848	851	854	856	rBV2	228192	339140	5.36%	0.524%
33	11.916	858	860	865	rVB2	75785	129316	2.04%	0.200%
34	12.019	865	869	873	rBV3	47479	92493	1.46%	0.143%

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35	12.088	873	875	881	rVB5	38303	89019	1.41%	0.138%
36	12.431	902	905	907	rVB3	93679	158869	2.51%	0.245%
37	12.511	909	912	914	rVB	327842	354352	5.60%	0.547%
38	12.614	919	921	923	rBV3	133060	162648	2.57%	0.251%
39	12.739	929	932	934	rBV	234245	309993	4.90%	0.479%
40	12.774	934	935	939	rVB3	58634	72449	1.14%	0.112%
41	12.888	942	945	948	rBV	4099088	3735115	59.03%	5.771%
42	13.071	959	961	963	rVB	91241	92942	1.47%	0.144%
43	13.105	963	964	968	rBV4	103291	163501	2.58%	0.253%
44	13.311	979	982	983	rBV3	53108	107031	1.69%	0.165%
45	13.345	983	985	989	rVB2	78803	129400	2.05%	0.200%
46	13.425	990	992	993	rBV	60606	68171	1.08%	0.105%
47	13.471	993	996	1001	rVV5	73537	208439	3.29%	0.322%
48	13.585	1004	1006	1009	rBV3	41490	72810	1.15%	0.112%
49	13.791	1022	1024	1029	rBV3	328538	414608	6.55%	0.641%
50	13.940	1034	1037	1042	rVB	1259172	2000401	31.61%	3.091%
51	14.054	1042	1047	1048	rBV4	71156	177182	2.80%	0.274%
52	14.317	1068	1070	1072	rVB	79599	87713	1.39%	0.136%
53	14.420	1077	1079	1081	rVV	100757	135058	2.13%	0.209%
54	14.785	1109	1111	1113	rBV	127084	148699	2.35%	0.230%
55	14.854	1115	1117	1119	rVB	148541	140376	2.22%	0.217%
56	14.945	1123	1125	1130	rBV	178998	416014	6.57%	0.643%
57	15.037	1131	1133	1136	rBV2	236948	343956	5.44%	0.531%
58	15.220	1147	1149	1153	rVB	164789	231513	3.66%	0.358%
59	15.345	1157	1160	1162	rBV	1072637	1276303	20.17%	1.972%
60	15.483	1170	1172	1175	rBV3	95376	147954	2.34%	0.229%
61	15.574	1178	1180	1182	rBV2	126498	195696	3.09%	0.302%
62	15.791	1197	1199	1202	rBV	311815	535076	8.46%	0.827%
63	16.008	1216	1218	1224	rVB5	156763	347086	5.49%	0.536%
64	16.408	1251	1253	1258	rVB2	141689	303694	4.80%	0.469%
65	18.614	1443	1446	1453	rVB3	140658	399824	6.32%	0.618%

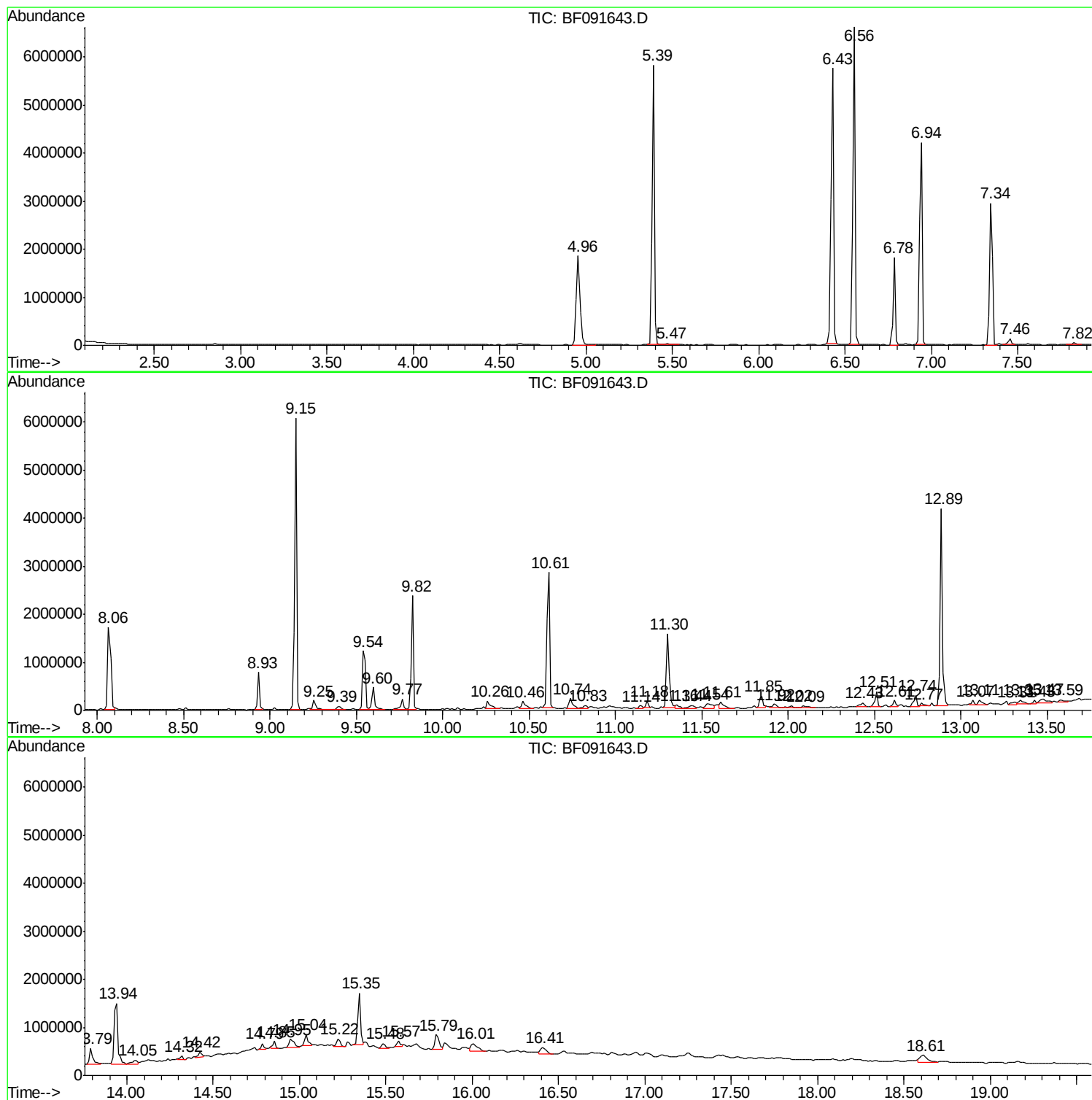
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BNA_F
ClientSampled :
SS01-0-2IN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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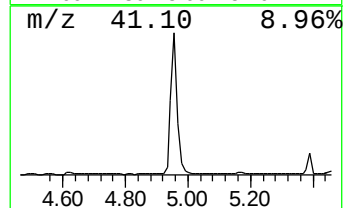
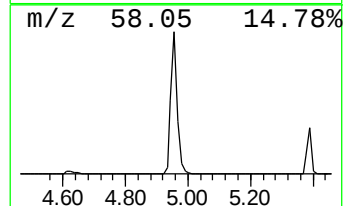
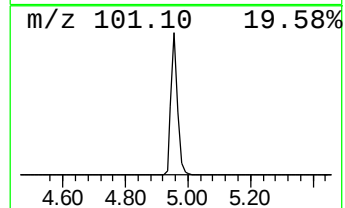
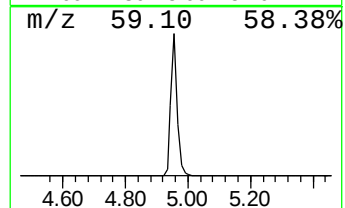
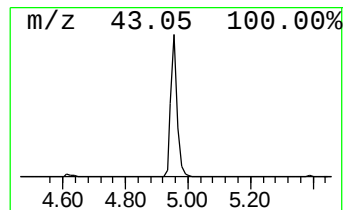
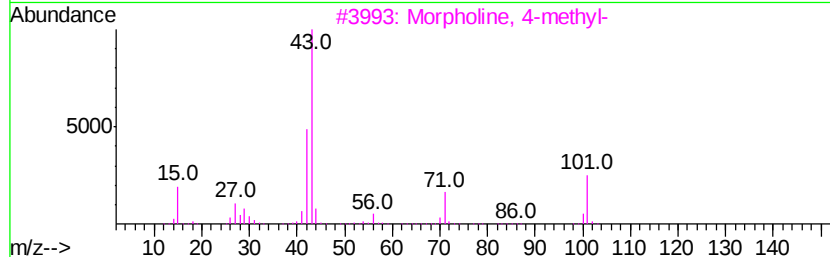
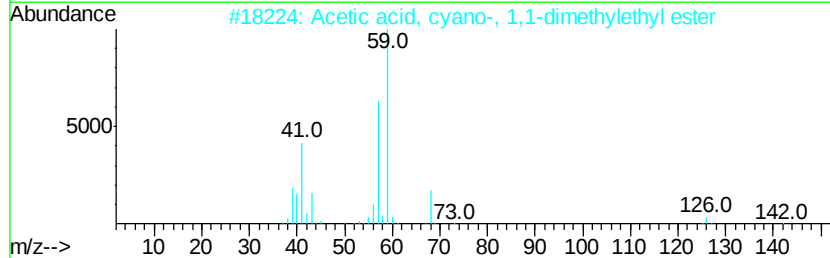
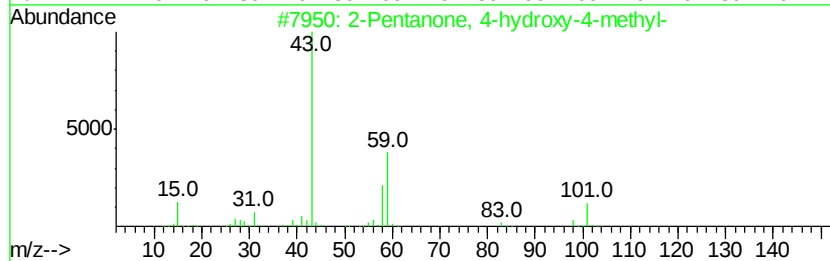
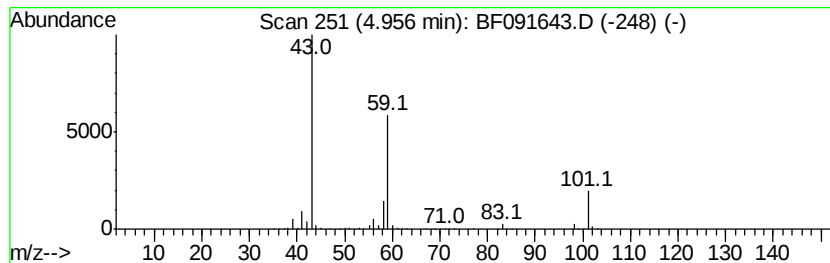
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.96	32.18 ng	2568170	1,4-Dichlorobenzene-d4	6.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17	
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9	



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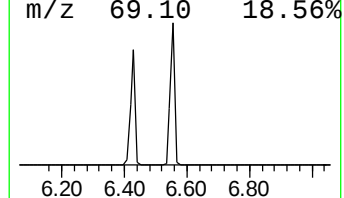
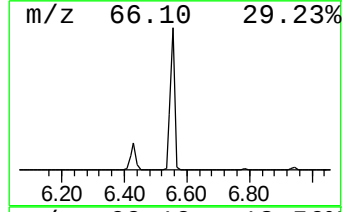
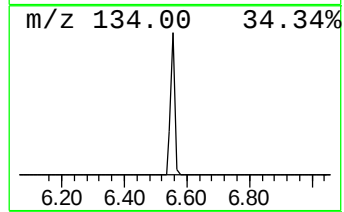
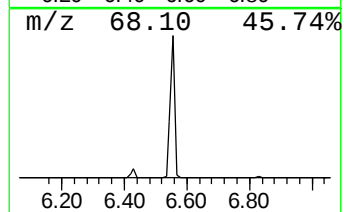
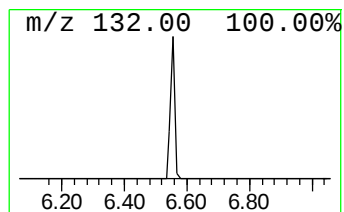
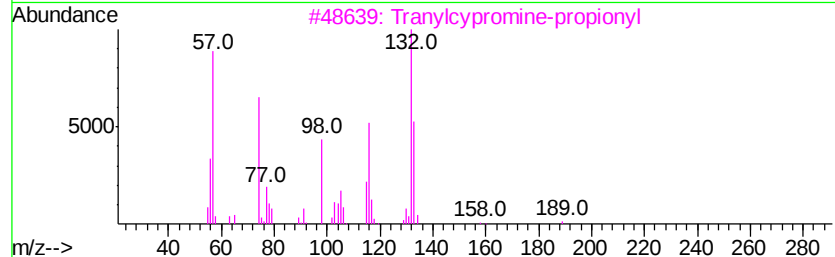
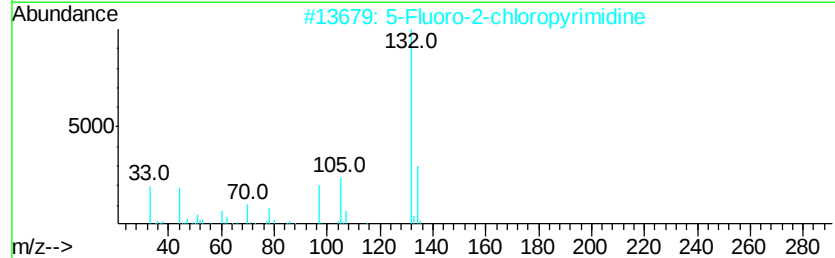
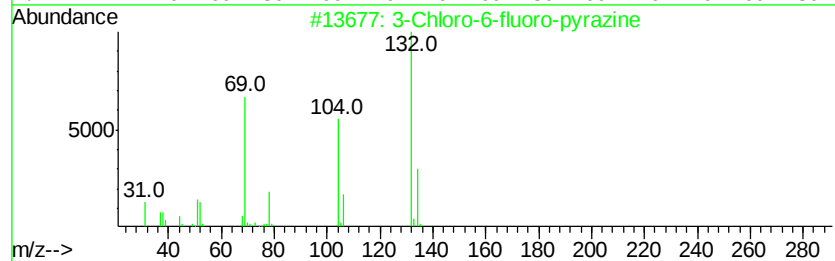
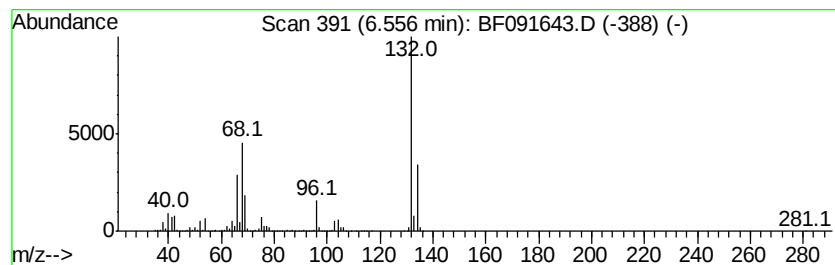
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	79.26 ng	6325280	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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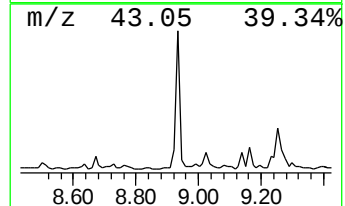
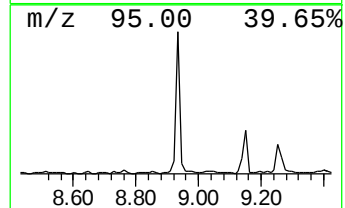
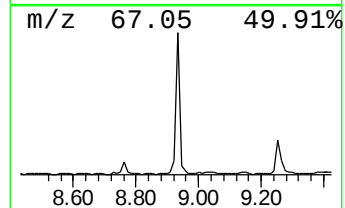
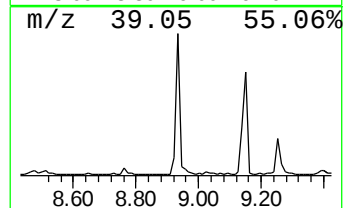
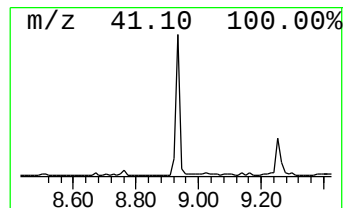
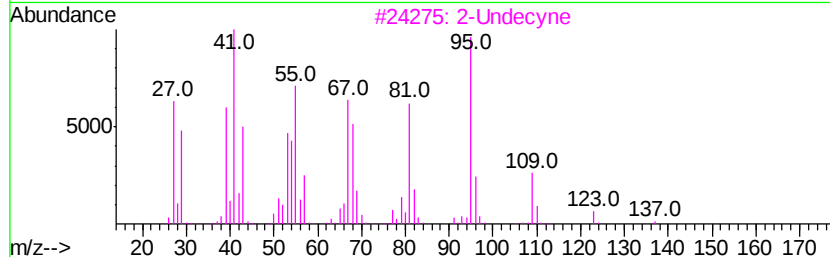
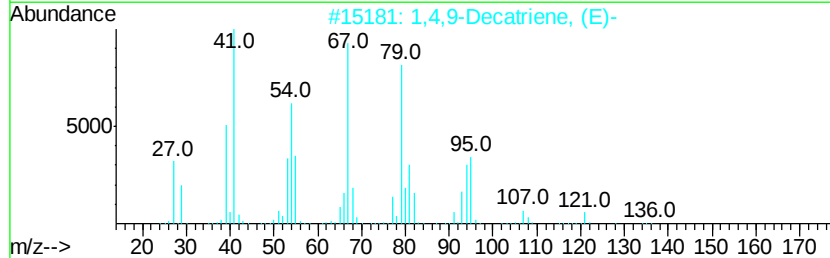
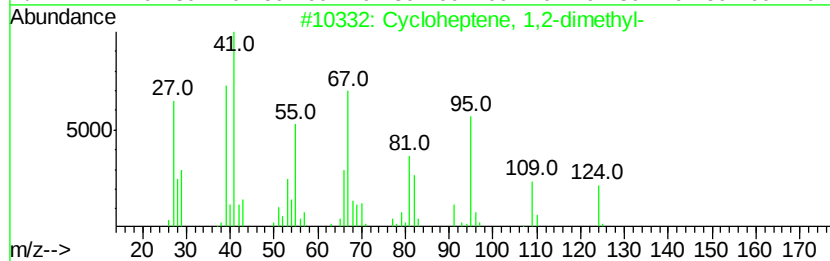
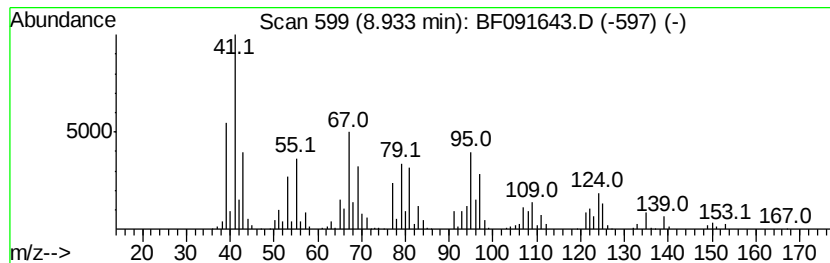
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown8.93 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	6.19 ng	629617	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptene, 1,2-dimethyl-	124	C9H16	020053-89-8	43
2		1,4,9-Decatriene, (E)-	136	C10H16	013393-60-7	38
3		2-Undecyne	152	C11H20	060212-29-5	38
4		cis-Decalin, syn-2-methoxy-	168	C11H20O	1000158-93-6	38
5		Ethyl 2-octynoate	168	C10H16O2	010519-20-7	37



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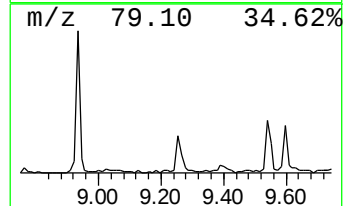
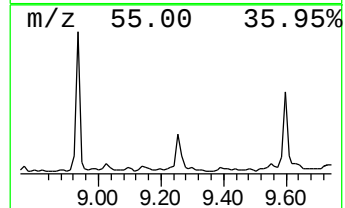
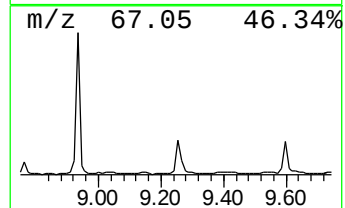
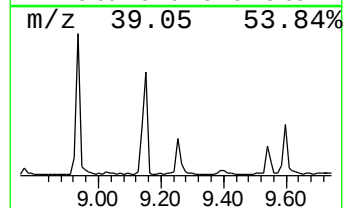
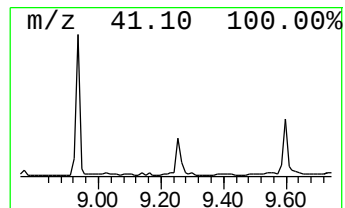
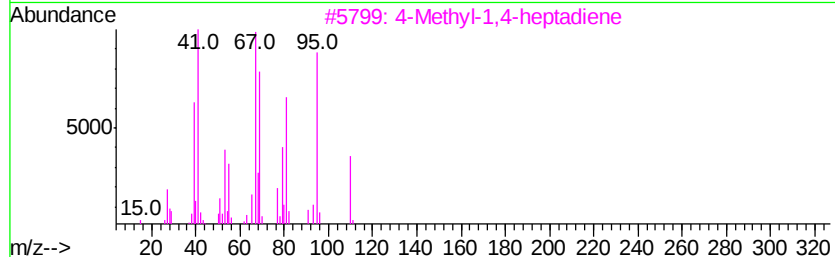
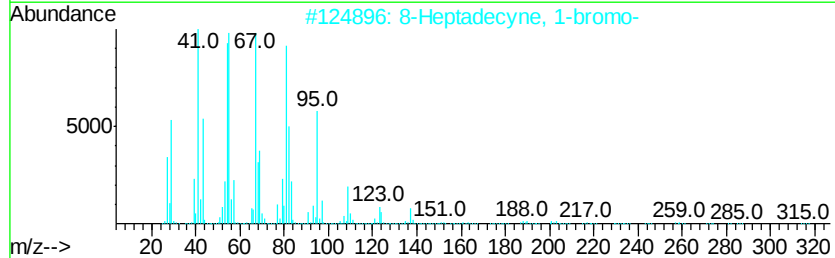
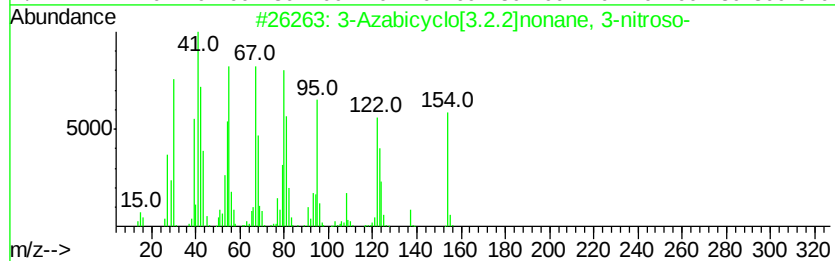
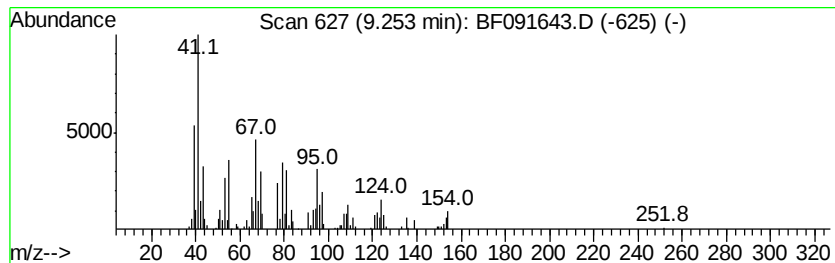
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.25 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.60 ng	274470	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Azabicyclo[3.2.2]nonane, 3-nitro...	154	C8H14N2O	001522-09-4	47
2		8-Heptadecyne, 1-bromo-	314	C17H31Br	056599-94-1	38
3		4-Methyl-1,4-heptadiene	110	C8H14	013857-55-1	38
4		Cycloheptene, 1,2-dimethyl-	124	C9H16	020053-89-8	38
5		Cyclohexanone, 2,2-dimethyl-5-(3...	182	C11H18O2	141033-65-0	38



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ClientSampleId :
SS01-0-2IN

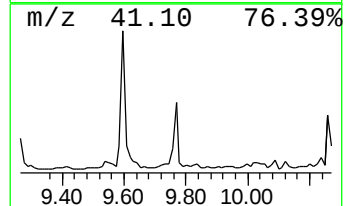
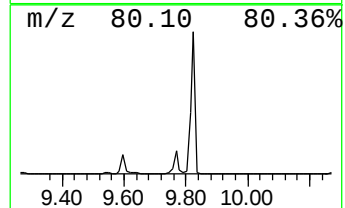
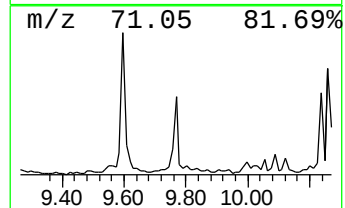
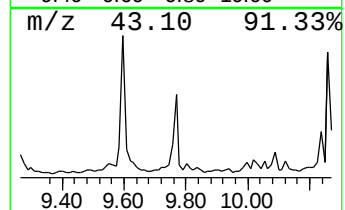
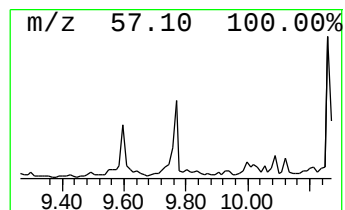
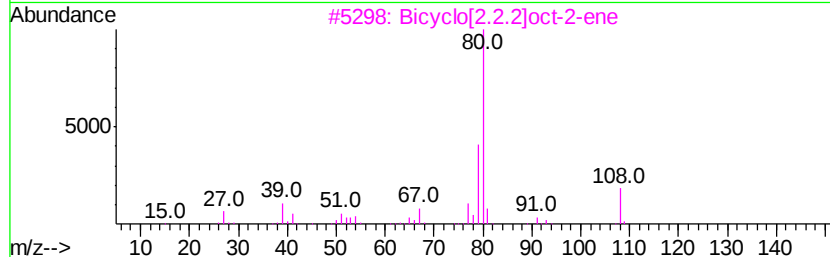
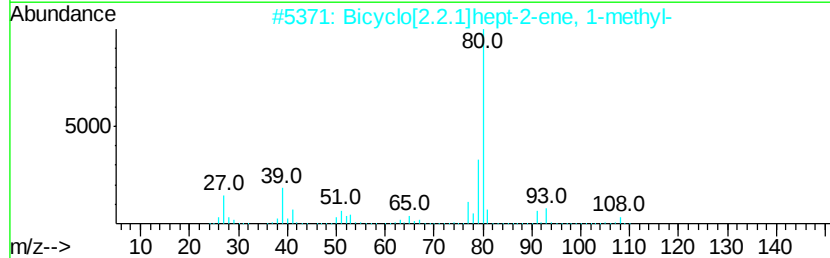
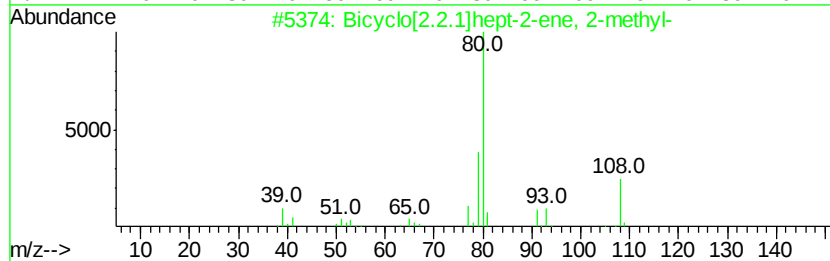
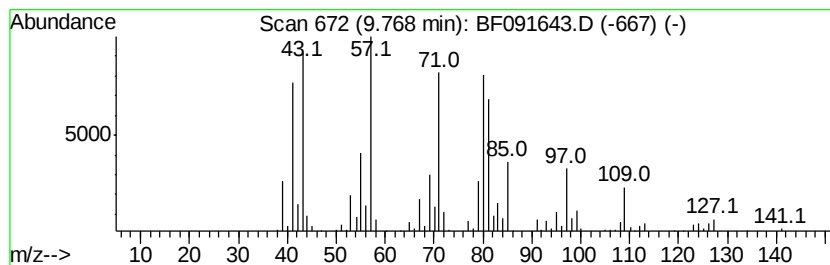
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Bicyclo[2.2.1]hept-2-ene, 2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.35 ng	248552	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	50
2		Bicyclo[2.2.1]hept-2-ene, 1-methyl-	108	C8H12	000822-73-1	50
3		Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	50
4		3-Cyclohexen-1-ol, acetate	140	C8H12O2	010437-78-2	50
5		1H-Pyrrole-2-methanamine, N,N-di...	124	C7H12N2	014745-84-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091643.D
Acq On : 15 Dec 2016 22:05
Operator : UM/SJ
Sample : H5940-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

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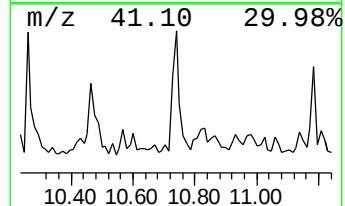
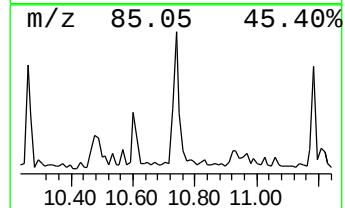
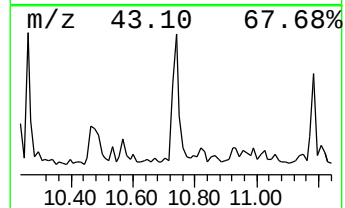
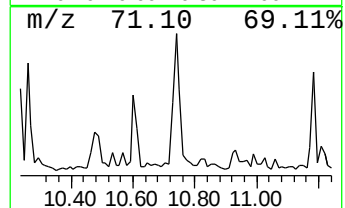
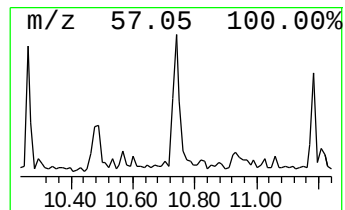
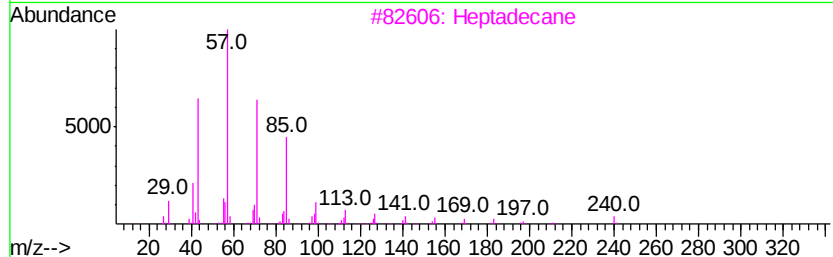
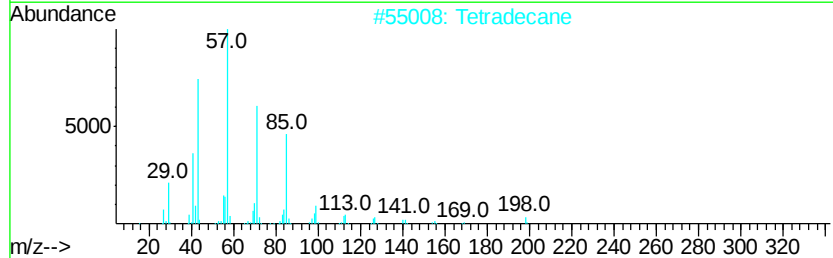
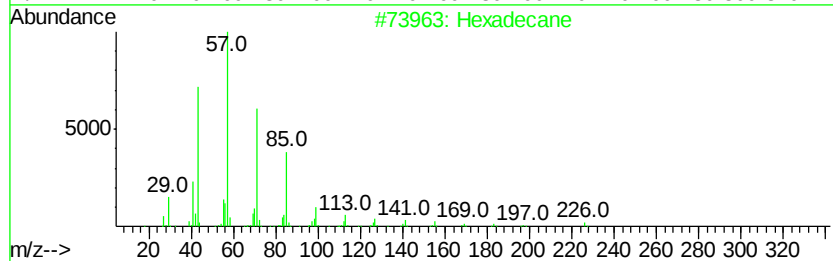
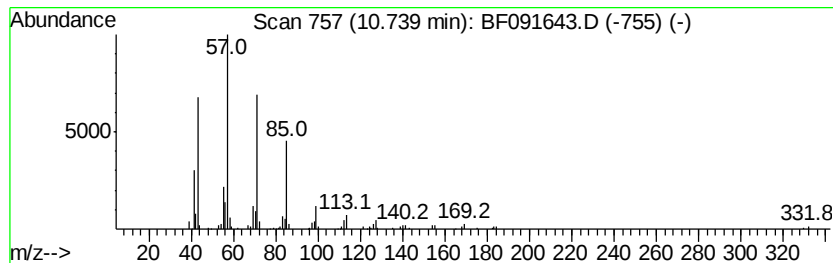
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.80 ng	321813	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Nonadecane		268	C19H40	000629-92-5	90
5	Octacosane		394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091643.D
Acq On : 15 Dec 2016 22:05
Operator : UM/SJ
Sample : H5940-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

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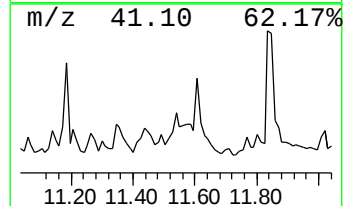
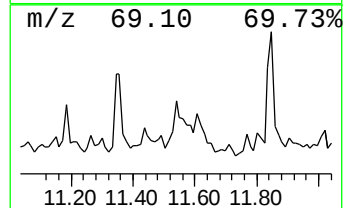
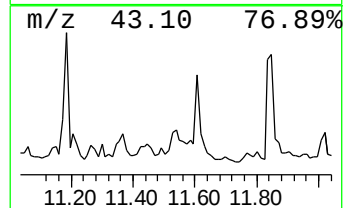
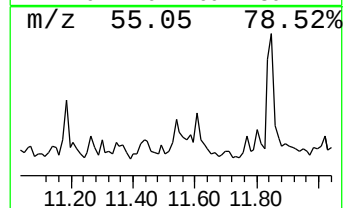
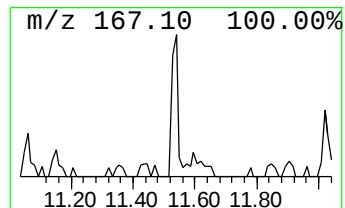
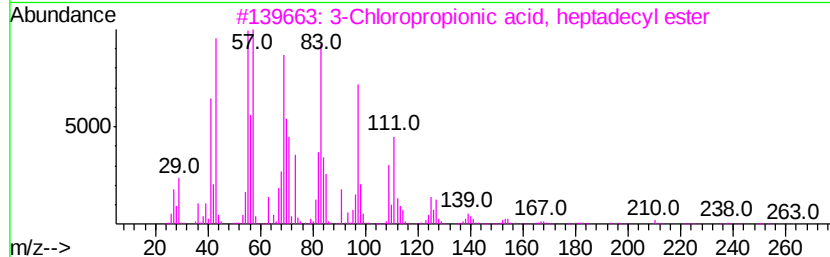
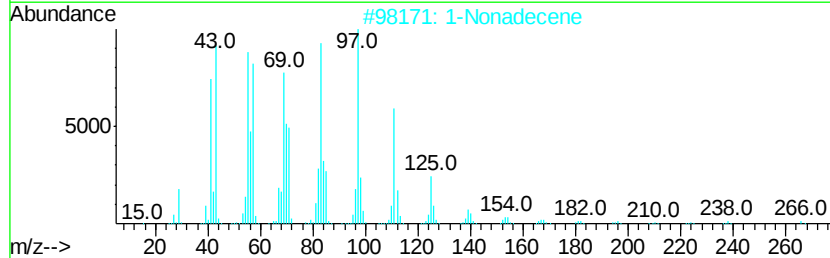
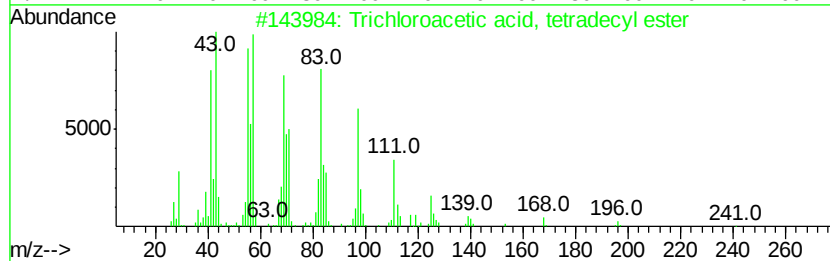
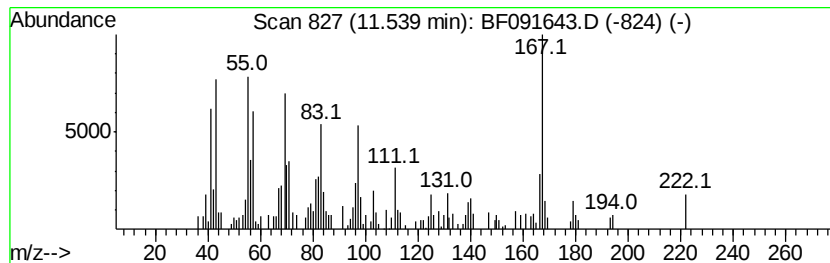
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.54 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	3.14 ng	265355	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	46
2	1-Nonadecene	266	C19H38	018435-45-5	46
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	46
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	45
5	1-Eicosanol	298	C20H42O	000629-96-9	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
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Acq On : 15 Dec 2016 22:05
Operator : UM/SJ
Sample : H5940-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

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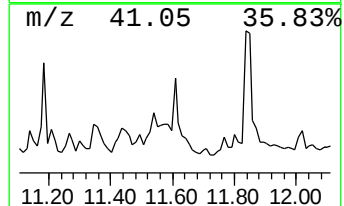
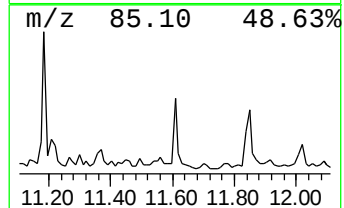
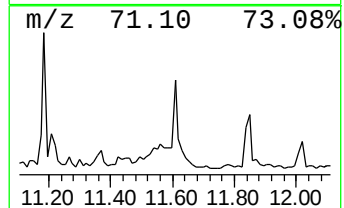
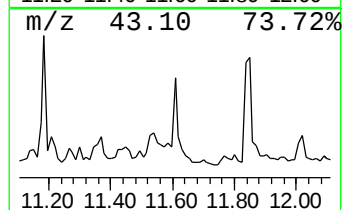
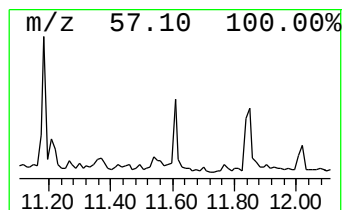
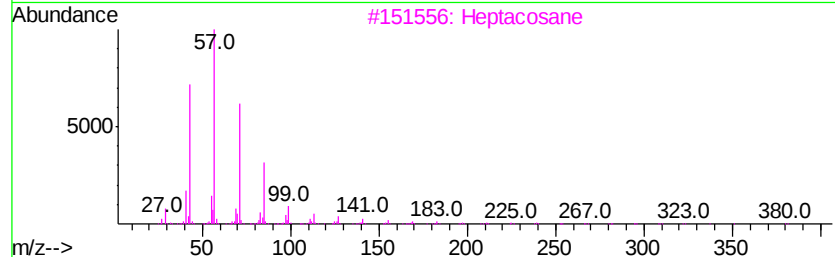
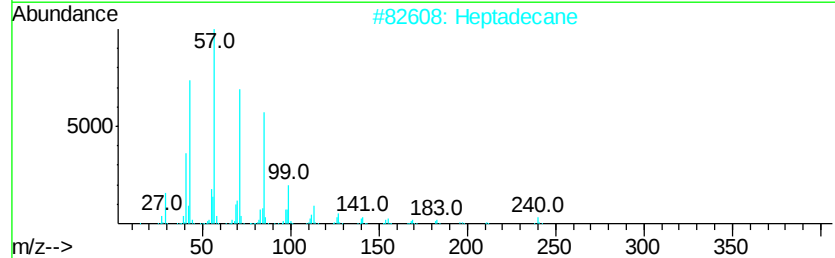
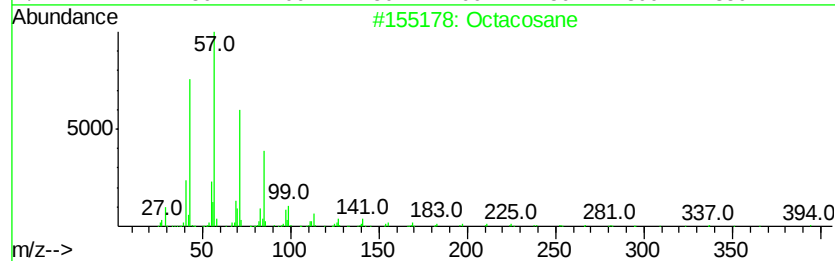
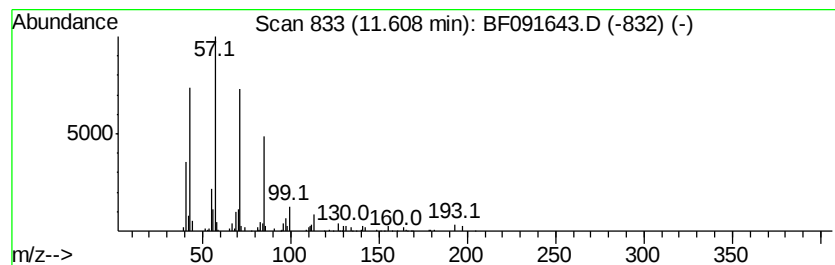
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.67 ng	225960	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	78
2		Heptadecane	240	C17H36	000629-78-7	78
3		Heptacosane	380	C27H56	000593-49-7	64
4		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
5		Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
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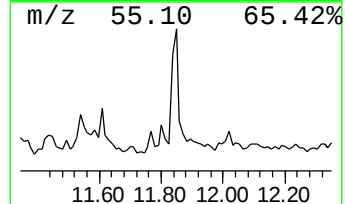
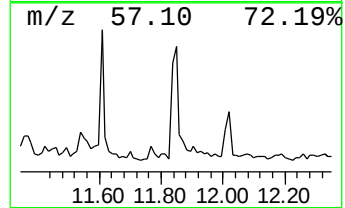
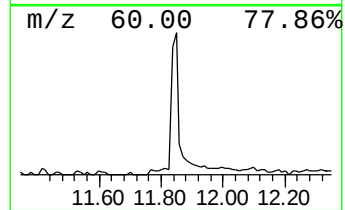
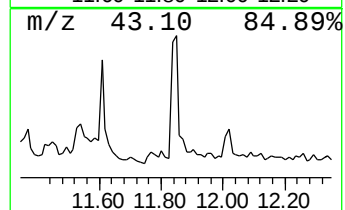
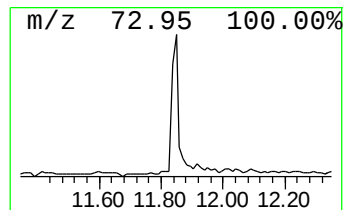
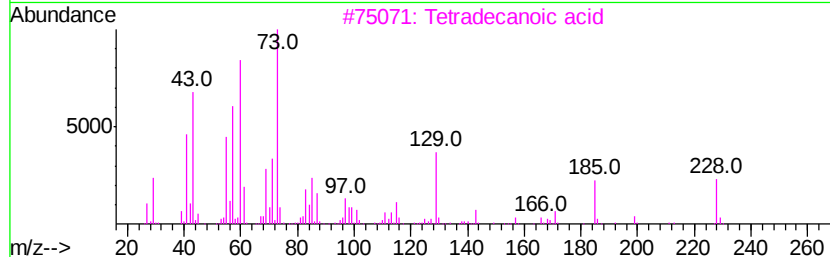
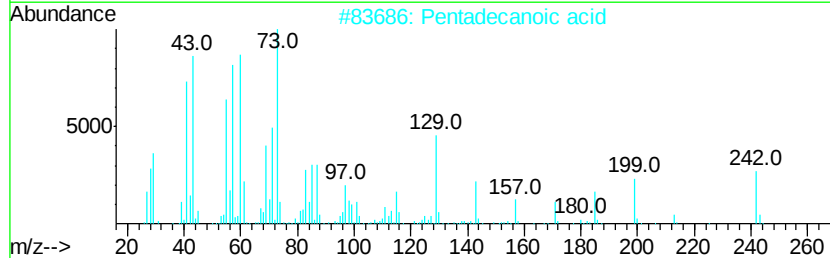
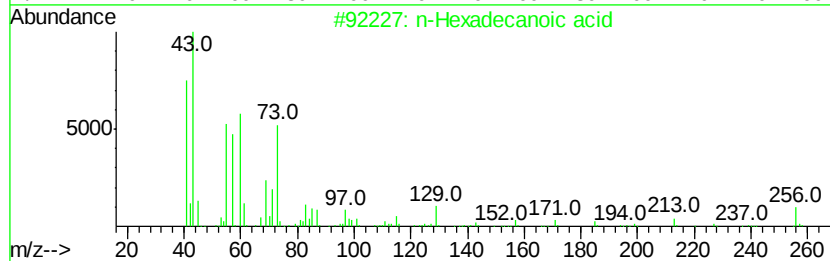
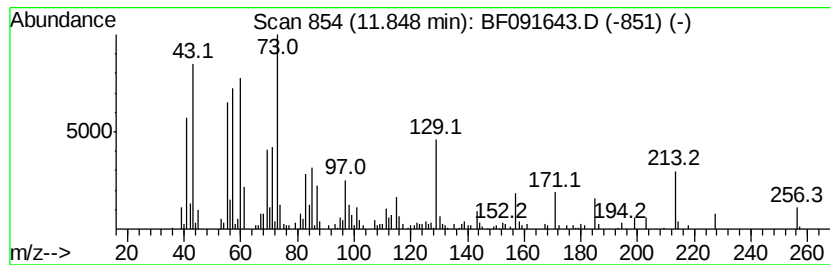
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	4.01 ng	339140	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
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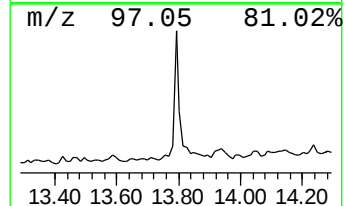
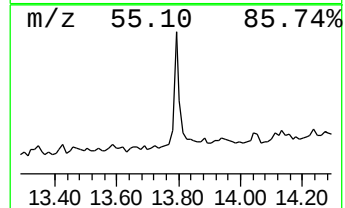
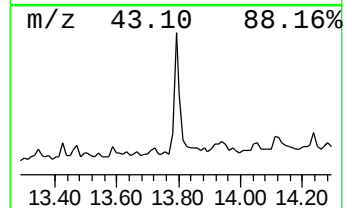
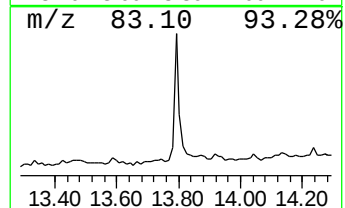
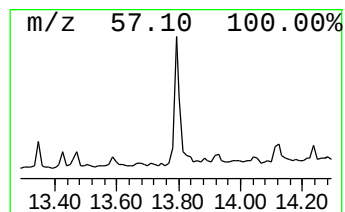
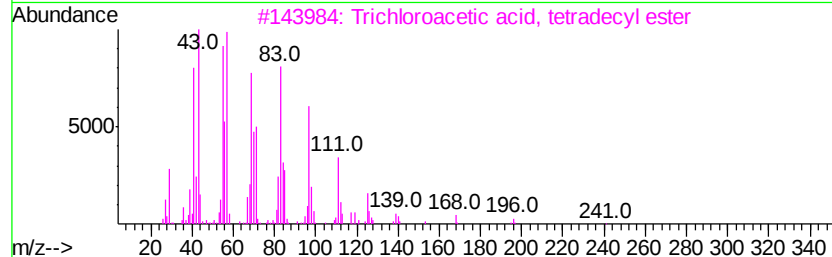
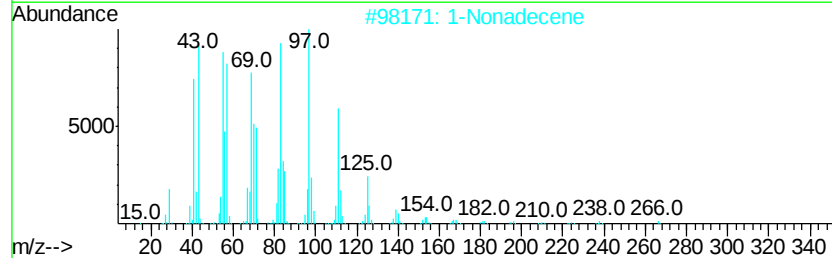
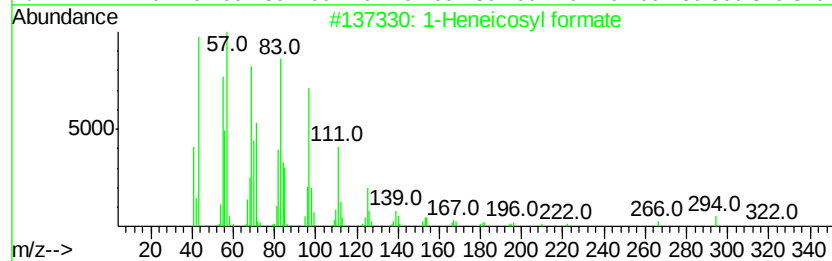
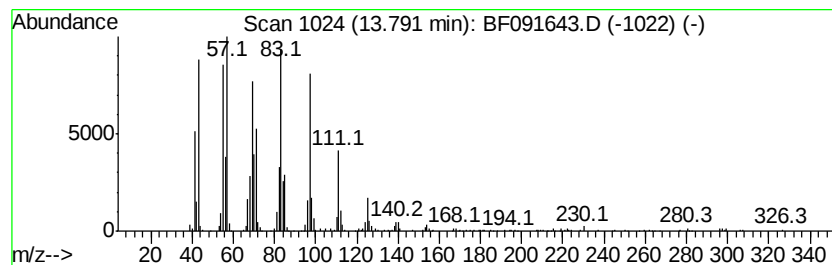
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Heneicosyl formate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	4.15 ng	414608	Chrysene-d12	13.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
4	Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	90
5	1-Octadecanol	270	C18H38O	000112-92-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
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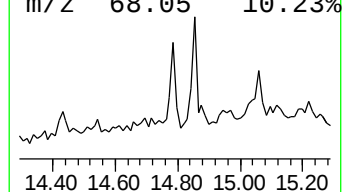
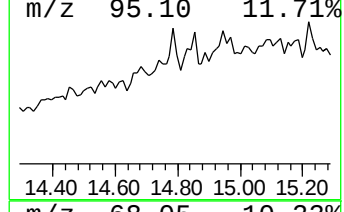
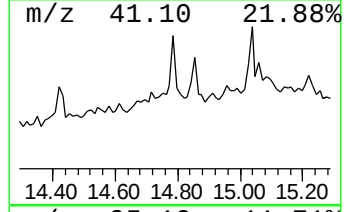
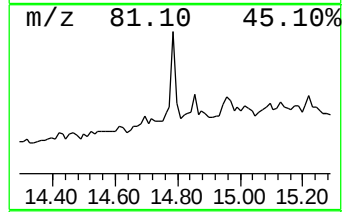
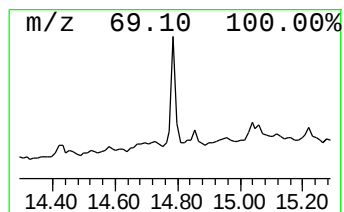
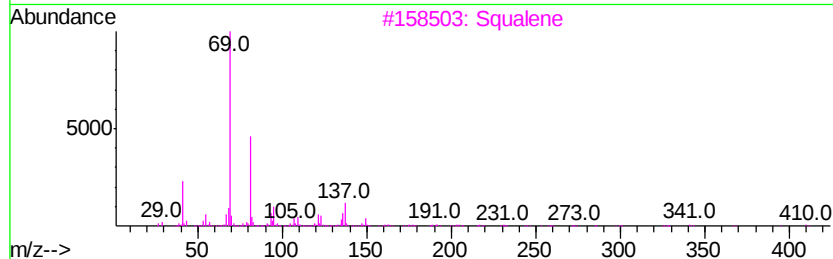
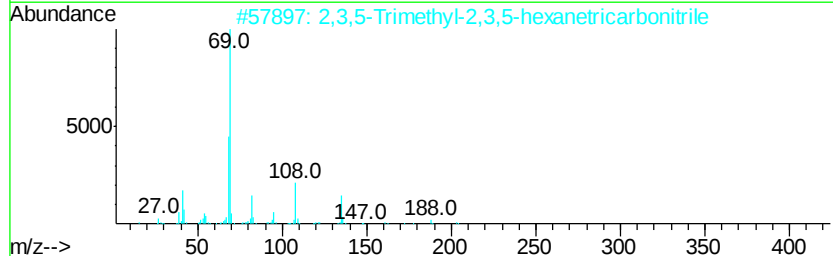
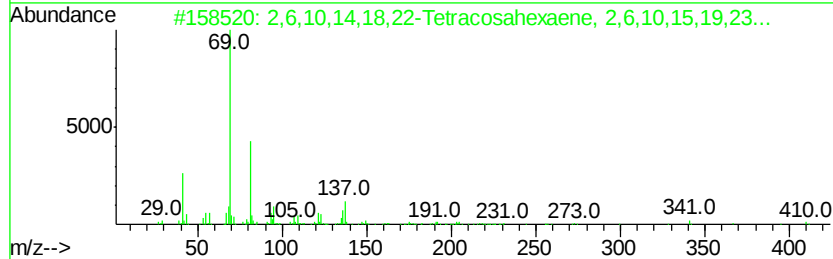
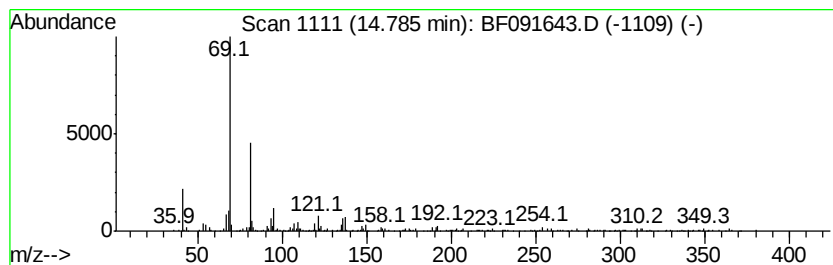
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.79	2.33 ng	148699	Perylene-d12	15.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
2	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
3	Squalene	410	C30H50	007683-64-9	64
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	50
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091643.D
Acq On : 15 Dec 2016 22:05
Operator : UM/SJ
Sample : H5940-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

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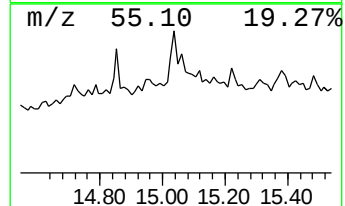
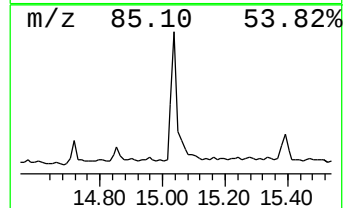
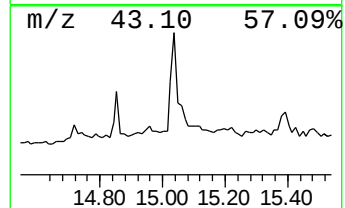
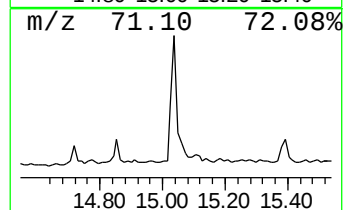
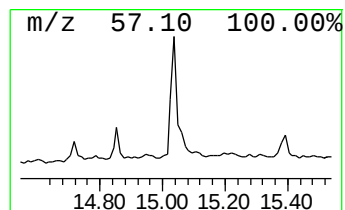
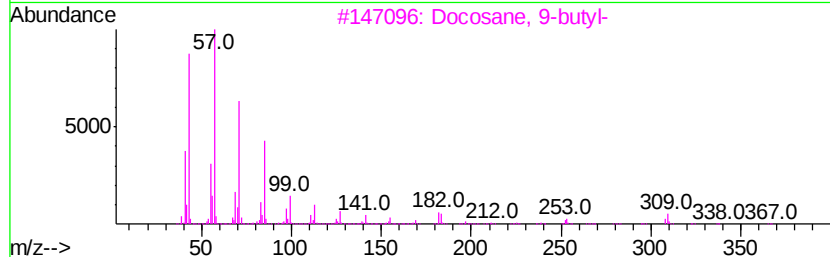
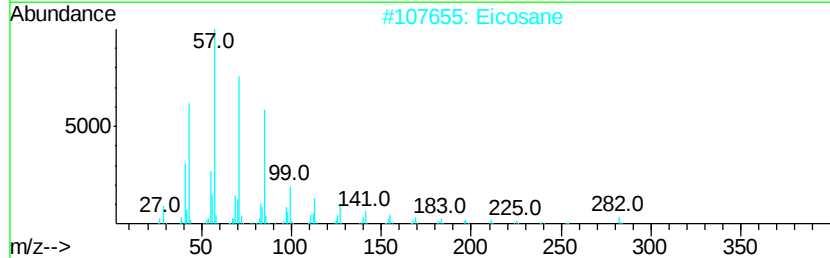
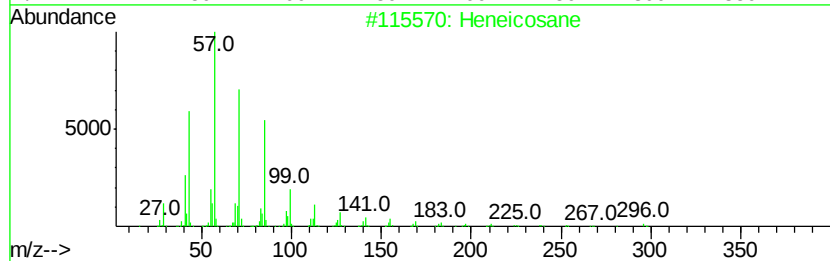
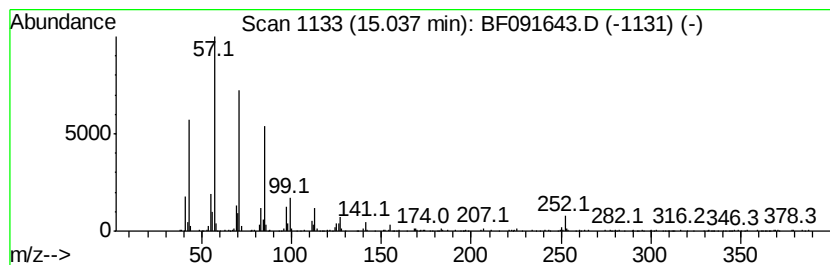
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.39 ng	343956	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	93
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
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ClientSampleId :
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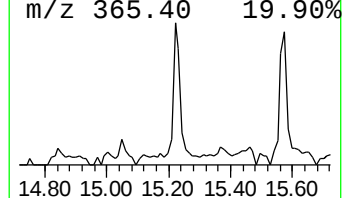
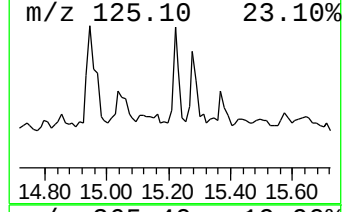
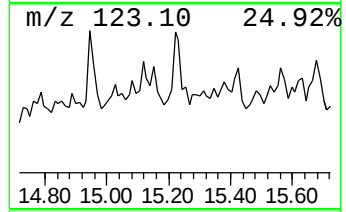
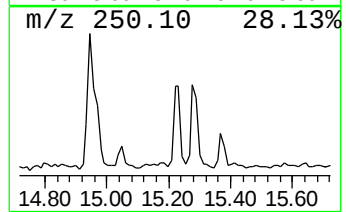
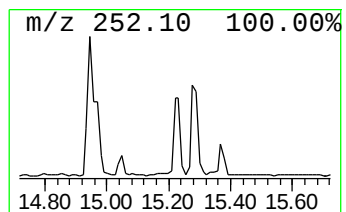
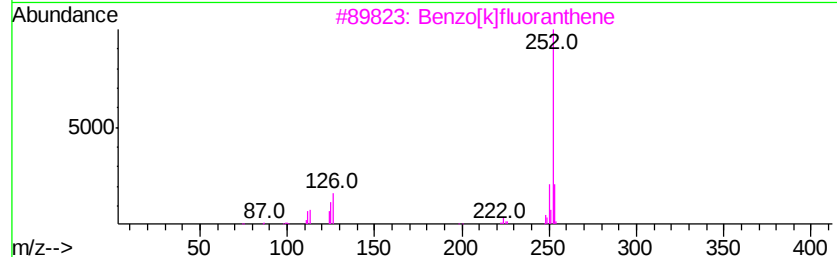
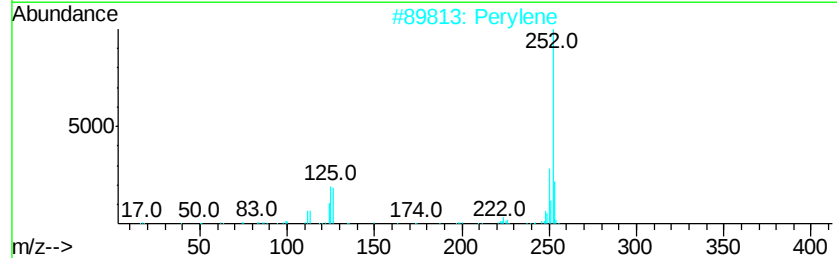
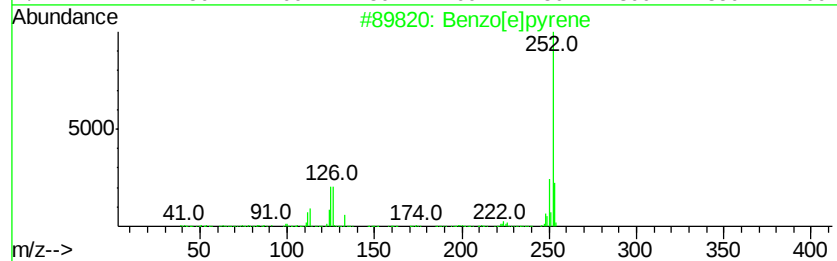
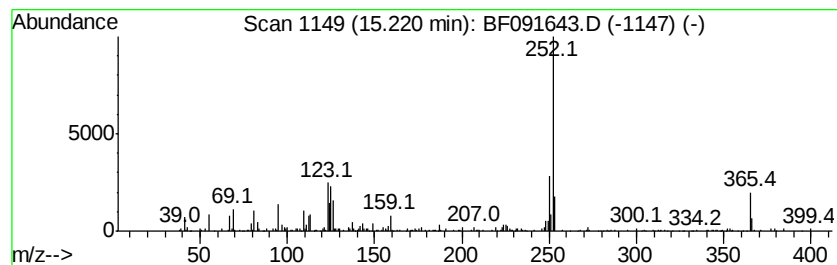
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	3.63 ng	231513	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	92
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
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Acq On : 15 Dec 2016 22:05
Operator : UM/SJ
Sample : H5940-07
Misc :
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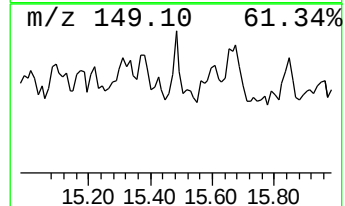
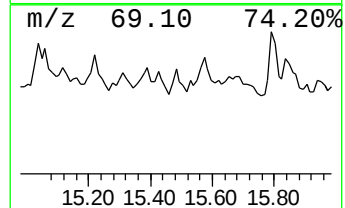
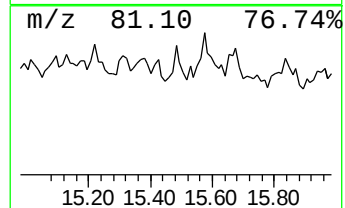
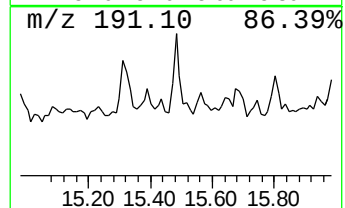
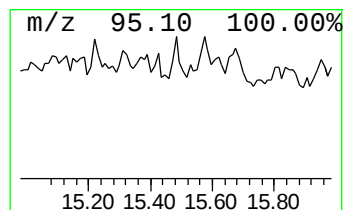
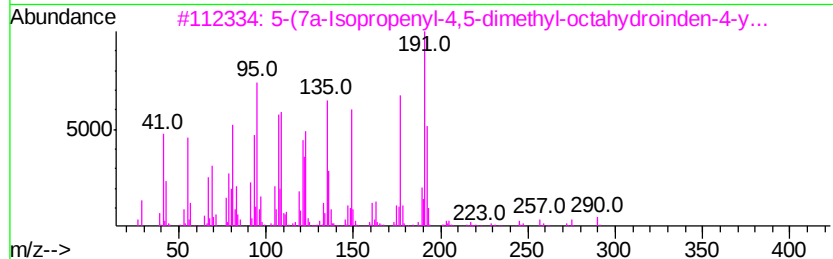
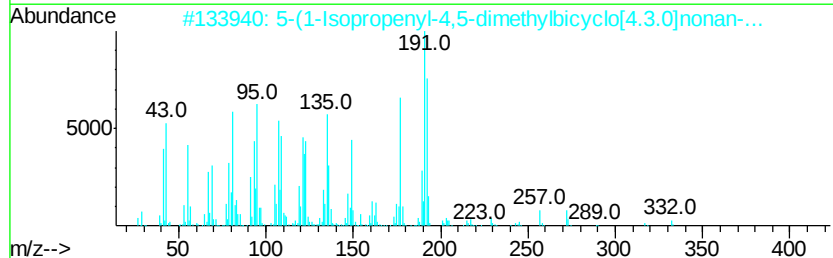
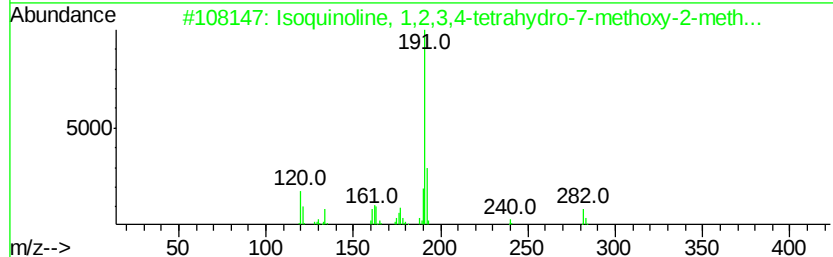
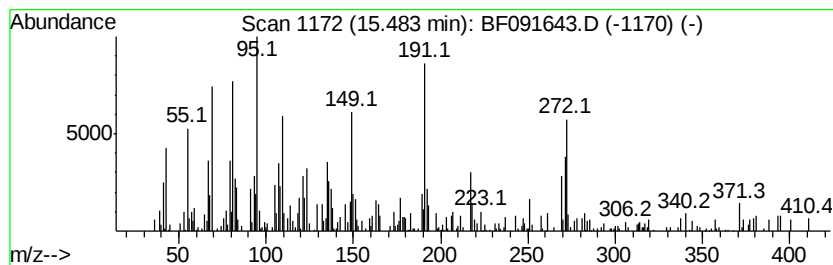
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown15.48 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.48	2.32 ng	147954	Perylene-d12	15.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	35
2	5-(1-Isopropenyl-4,5-dimethylbic...	332	C22H36O2	1000195-69-8	25
3	5-(7a-Isopropenyl-4,5-dimethyl-o...	290	C20H34O	1000193-54-0	16
4	Anthracene, 9-dodecyltetradecahv...	360	C26H48	055401-75-7	16
5	1-[3,3-Dimethyl-2-(3-methyl-buta...	222	C14H22O2	1000189-12-6	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091643.D
Acq On : 15 Dec 2016 22:05
Operator : UM/SJ
Sample : H5940-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

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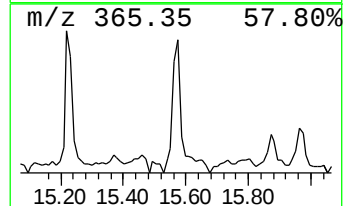
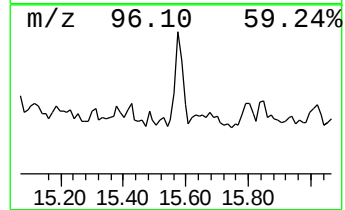
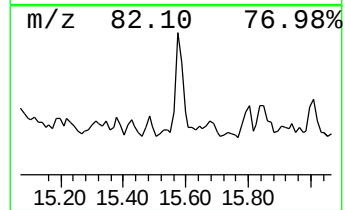
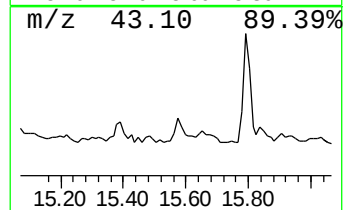
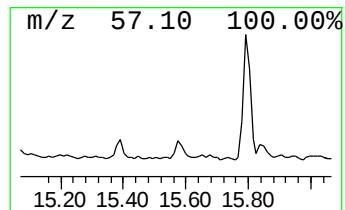
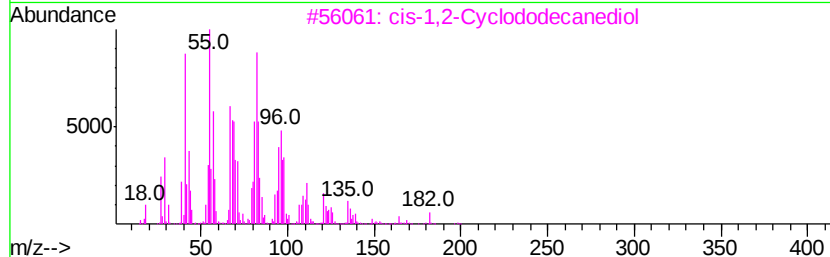
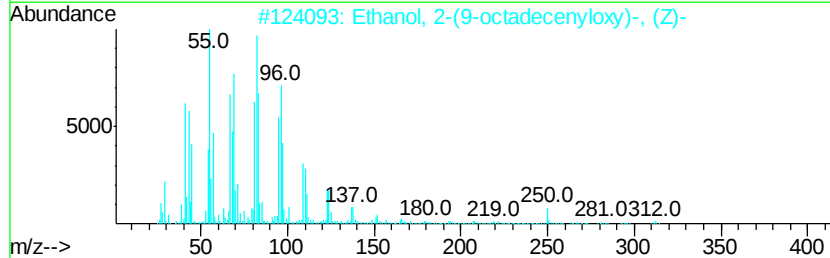
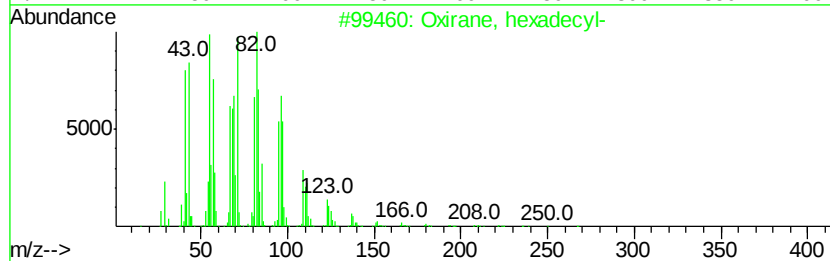
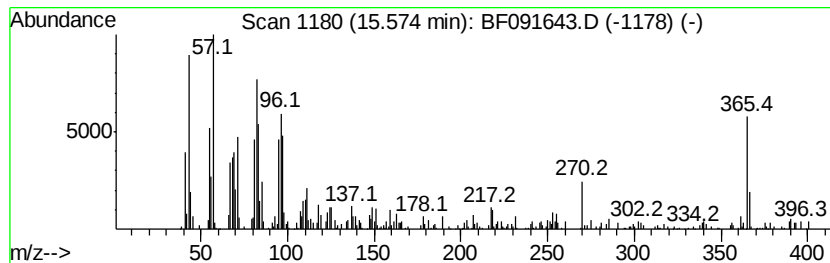
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Oxirane, hexadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.07 ng	195696	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	70
2		Ethanol, 2-(9-octadecenyloxy)-, ...	312	C20H40O2	005353-25-3	50
3		cis-1,2-Cyclododecanediol	200	C12H24O2	004422-05-3	49
4		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	49
5		Tetradecanal	212	C14H28O	000124-25-4	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091643.D
Acq On : 15 Dec 2016 22:05
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Misc :
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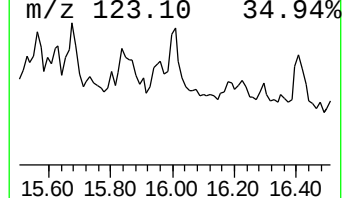
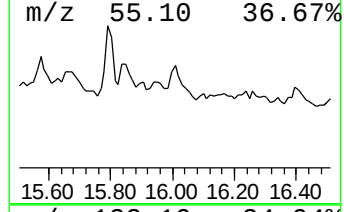
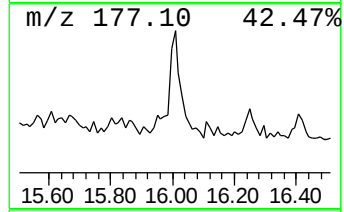
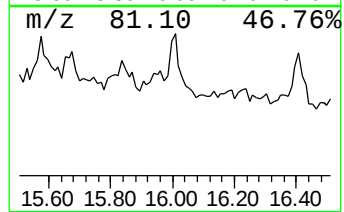
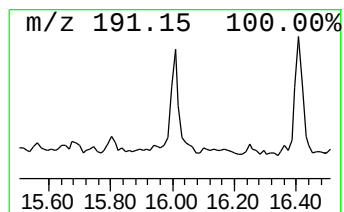
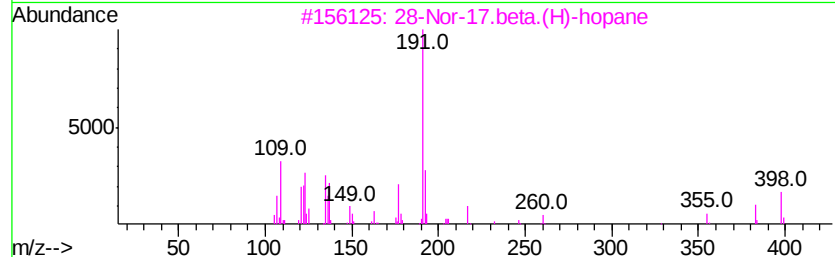
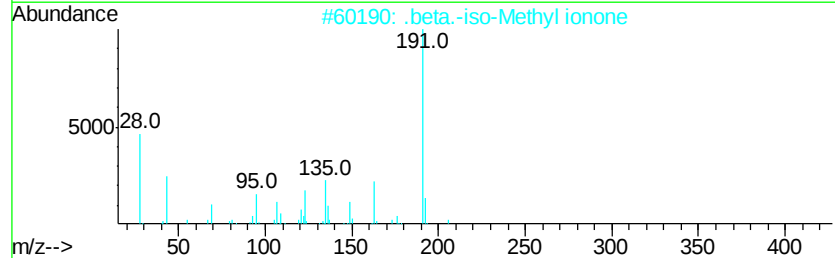
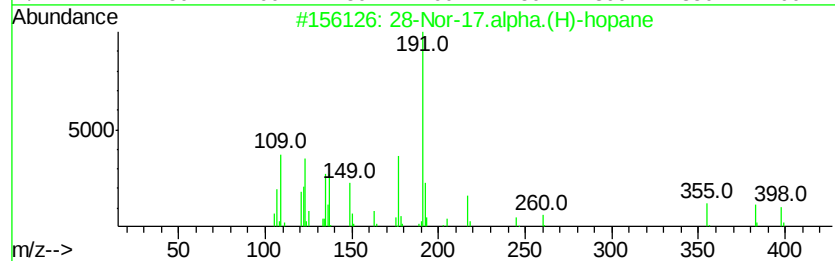
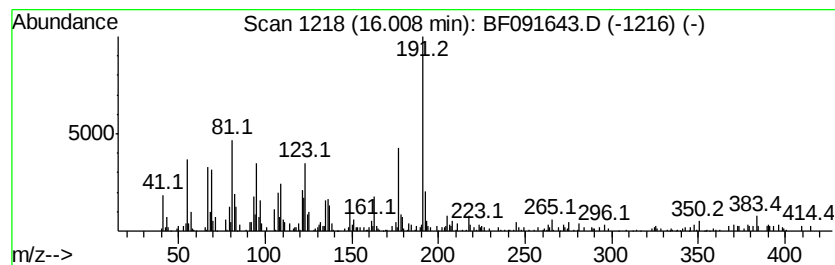
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 28-Nor-17.alpha.(H)-hopane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	5.44 ng	347086	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	86
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	58
3		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	43
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	40
5		5-(7a-Isopropenyl-4,5-dimethyl-o...	290	C20H34O	1000193-54-0	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091643.D
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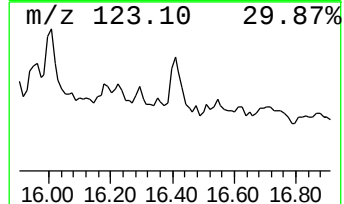
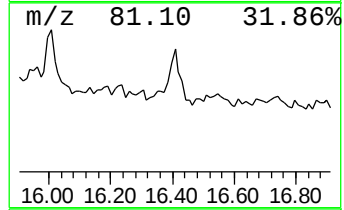
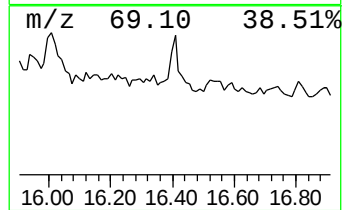
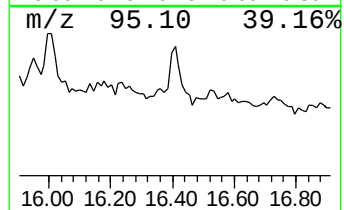
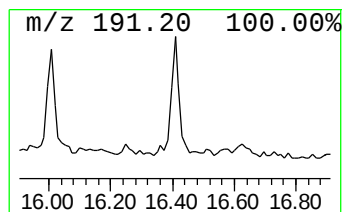
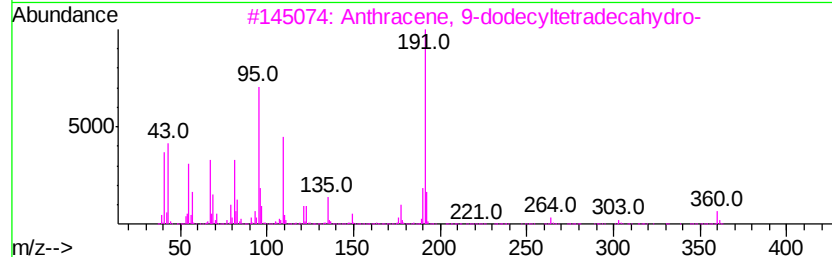
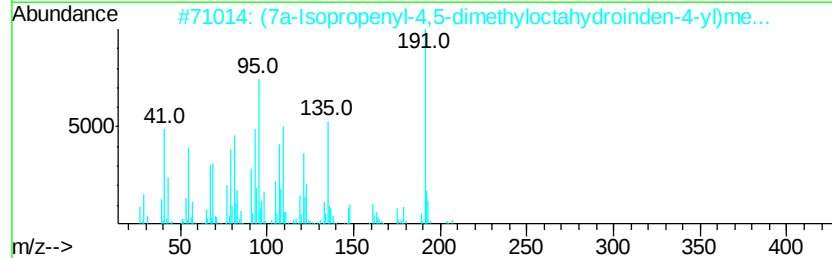
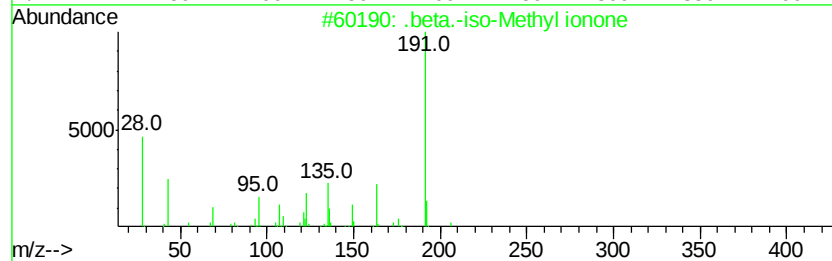
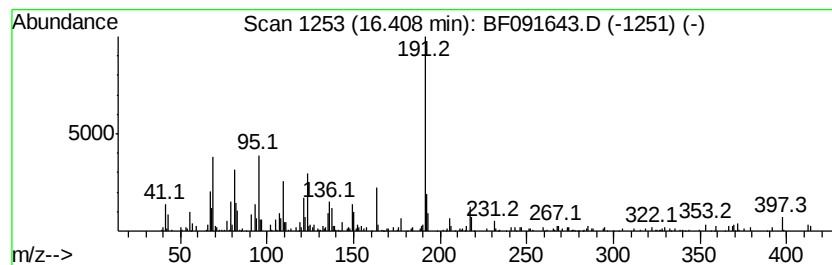
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.41 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	4.76 ng	303694	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
2		(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	45
3		Anthracene, 9-dodecyltetradecahv...	360	C26H48	055401-75-7	43
4		1,1-Dithiophenyl-2-ethyl-cyclobu...	300	C18H20S2	122732-87-0	38
5		Cyclopropene-3-carbohydrazide, 1...	371	C22H17N3O3	1000259-44-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
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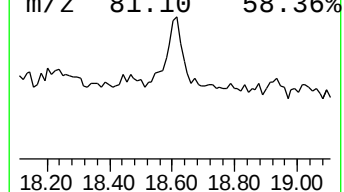
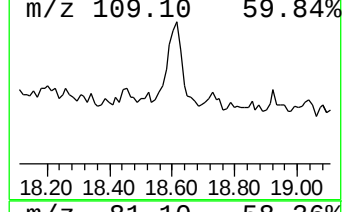
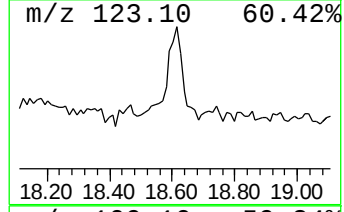
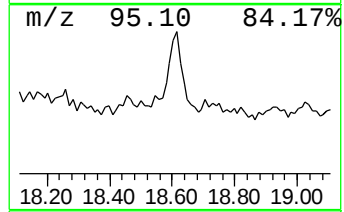
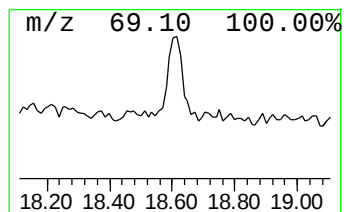
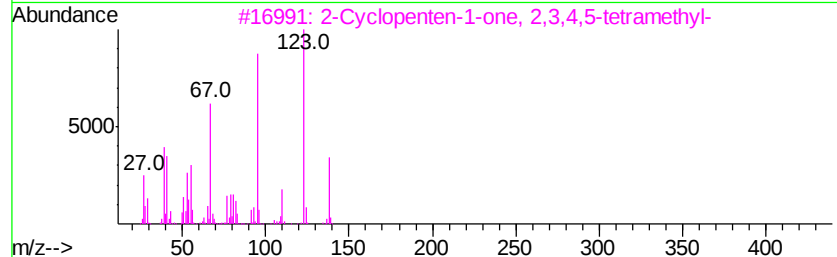
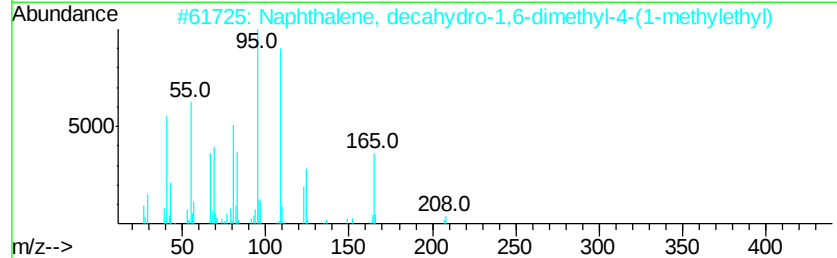
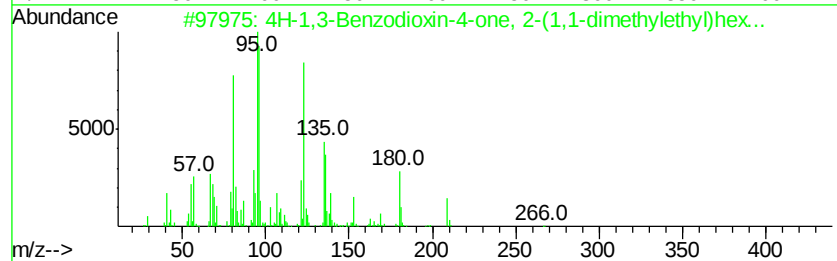
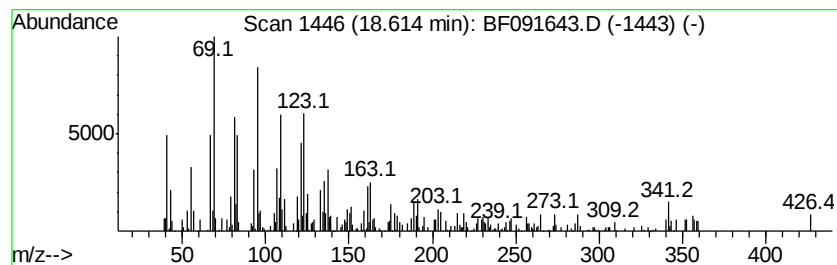
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	6.27 ng	399824	Perylene-d12	15.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,3-Benzodioxin-4-one, 2-(1,1...	266	C16H26O3	124899-18-9	38		
2	Naphthalene, decahydro-1,6-dimet...	208	C15H28	034315-85-0	38		
3	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	30		
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	30		
5	4-(2,2-Dimethyl-6-methylenecyclo...	194	C13H22O	095452-13-4	18		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
 Data File : BF091643.D
 Acq On : 15 Dec 2016 22:05
 Operator : UM/SJ
 Sample : H5940-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS01-0-2IN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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...	4.96	32.2	ng	2568170	1	6.78	1596170	20.0
unknown6.56	6.56	79.3	ng	6325280	1	6.78	1596170	20.0
unknown8.93	8.93	6.2	ng	629617	2	8.06	2033150	20.0
unknown9.25	9.25	2.6	ng	274470	3	9.82	2114640	20.0
Bicyclo[2.2.1]hep...	9.77	2.4	ng	248552	3	9.82	2114640	20.0
Hexadecane	10.74	3.8	ng	321813	4	11.30	1692170	20.0
unknown11.54	11.54	3.1	ng	265355	4	11.30	1692170	20.0
Octacosane	11.61	2.7	ng	225960	4	11.30	1692170	20.0
n-Hexadecanoic acid	11.85	4.0	ng	339140	4	11.30	1692170	20.0
1-Heneicosyl formate	13.79	4.2	ng	414608	5	13.94	2000400	20.0
2,6,10,14,18,22-T...	14.79	2.3	ng	148699	6	15.35	1276300	20.0
Heneicosane	15.04	5.4	ng	343956	6	15.35	1276300	20.0
Benzo[e]pyrene	15.22	3.6	ng	231513	6	15.35	1276300	20.0
unknown15.48	15.48	2.3	ng	147954	6	15.35	1276300	20.0
Oxirane, hexadecyl-	15.57	3.1	ng	195696	6	15.35	1276300	20.0
28-Nor-17.alpha.(...	16.01	5.4	ng	347086	6	15.35	1276300	20.0
unknown16.41	16.41	4.8	ng	303694	6	15.35	1276300	20.0
unknown18.61	18.61	6.3	ng	399824	6	15.35	1276300	20.0