

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091815.D
 Acq On : 20 Dec 2016 12:59
 Operator : UM/SJ
 Sample : H6147-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

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-BF121716.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	2.956	73	76	90	rVB	101946	217278	2.17%	0.133%
2	3.504	121	124	129	rVB	121521	219664	2.20%	0.134%
3	4.922	245	248	251	rBV	800963	964365	9.64%	0.589%
4	5.036	251	258	262	rVV2	57370	246319	2.46%	0.150%
5	5.367	284	287	289	rVB	2311255	2826052	28.26%	1.725%
6	5.916	328	335	337	rBV2	182742	311770	3.12%	0.190%
7	6.064	346	348	349	rBV	234873	312154	3.12%	0.190%
8	6.213	357	361	363	rBV2	220901	352222	3.52%	0.215%
9	6.282	365	367	372	rVB2	136775	225833	2.26%	0.138%
10	6.407	375	378	381	rVV	703307	1024429	10.24%	0.625%
11	6.533	386	389	391	rVV	4772697	5536617	55.36%	3.379%
12	6.716	401	405	407	rBV3	249069	478855	4.79%	0.292%
13	6.762	407	409	410	rBV	1365154	1439852	14.40%	0.879%
14	6.842	413	416	418	rBV	612992	857413	8.57%	0.523%
15	6.922	420	423	428	rVB2	4945045	10001713	100.00%	6.104%
16	7.013	430	431	436	rVB2	581898	701981	7.02%	0.428%
17	7.105	436	439	442	rBV2	432242	595127	5.95%	0.363%
18	7.150	442	443	444	rBV	324533	340700	3.41%	0.208%
19	7.242	449	451	453	rBV2	145900	303740	3.04%	0.185%
20	7.333	453	459	461	rBV2	3878970	6644505	66.43%	4.055%
21	7.413	463	466	467	rBV2	631480	831798	8.32%	0.508%
22	7.459	467	470	471	rBV2	215213	290395	2.90%	0.177%
23	7.482	471	472	473	rBV	222570	233969	2.34%	0.143%
24	7.539	473	477	478	rVB2	1085500	1507071	15.07%	0.920%
25	7.573	478	480	482	rVB	506059	591102	5.91%	0.361%
26	7.653	485	487	489	rBV3	432771	604318	6.04%	0.369%
27	7.699	489	491	497	rVB4	508030	1311324	13.11%	0.800%
28	7.790	497	499	500	rBV	1813997	2008506	20.08%	1.226%
29	7.825	500	502	503	rVB2	240480	255202	2.55%	0.156%
30	7.870	503	506	508	rBV3	713787	1551677	15.51%	0.947%
31	7.985	508	516	519	rVV4	1912050	8664419	86.63%	5.287%
32	8.042	519	521	525	rVV2	1672108	2849345	28.49%	1.739%
33	8.099	525	526	528	rVB	641822	456653	4.57%	0.279%
34	8.236	534	538	540	rBV5	817089	1672014	16.72%	1.020%

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Integration Parameters: rteint.p
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.293	540	543	544	rVV	3932068	5196759	51.96%	3.171%
36	8.316	544	545	549	rVB	4342911	4027293	40.27%	2.458%
37	8.396	551	552	553	rVV	401926	430836	4.31%	0.263%
38	8.430	553	555	557	rVV2	463453	746775	7.47%	0.456%
39	8.499	557	561	563	rVV4	546073	1293253	12.93%	0.789%
40	8.556	565	566	568	rVB	775635	609763	6.10%	0.372%
41	8.648	570	574	575	rBV4	458459	877083	8.77%	0.535%
42	8.750	581	583	585	rVB2	1562614	2295192	22.95%	1.401%
43	8.796	585	587	588	rBV	484969	704065	7.04%	0.430%
44	8.830	588	590	591	rVV2	1033071	1341156	13.41%	0.818%
45	8.865	591	593	595	rVV3	1237977	2113466	21.13%	1.290%
46	8.933	598	599	601	rBV	475578	826670	8.27%	0.504%
47	8.968	601	602	603	rVV	558558	666166	6.66%	0.407%
48	9.002	603	605	607	rVV	780522	1088302	10.88%	0.664%
49	9.071	607	611	614	rVV4	2007710	3848403	38.48%	2.348%
50	9.128	614	616	617	rVV	5455743	5277402	52.76%	3.221%
51	9.162	617	619	622	rVB3	442980	716448	7.16%	0.437%
52	9.208	622	623	624	rVB	454496	311784	3.12%	0.190%
53	9.242	624	626	629	rBV4	451309	899260	8.99%	0.549%
54	9.391	637	639	641	rVB	692318	751978	7.52%	0.459%
55	9.459	641	645	647	rBV4	1582882	3162463	31.62%	1.930%
56	9.802	672	675	677	rVB	1997678	2162696	21.62%	1.320%
57	9.836	677	678	679	rVB	247138	169537	1.70%	0.103%
58	9.871	679	681	685	rBV4	358448	768257	7.68%	0.469%
59	9.996	690	692	695	rVB3	1064191	1682743	16.82%	1.027%
60	10.179	704	708	710	rBV	1562202	2730572	27.30%	1.666%
61	10.294	715	718	720	rVV	1528503	2659764	26.59%	1.623%
62	10.339	721	722	725	rVB3	567372	730901	7.31%	0.446%
63	10.419	727	729	735	rVB5	709814	1704119	17.04%	1.040%
64	10.591	741	744	747	rVB2	2788849	3500453	35.00%	2.136%
65	10.659	748	750	754	rVV4	740495	1241168	12.41%	0.757%
66	10.739	754	757	759	rVV3	1323813	2828747	28.28%	1.726%
67	10.785	759	761	762	rVV	2924423	2944909	29.44%	1.797%
68	10.819	762	764	765	rVV	2954967	3829441	38.29%	2.337%
69	10.854	765	767	770	rVV2	2671022	4496813	44.96%	2.744%
70	10.934	770	774	775	rVV2	999210	2520115	25.20%	1.538%
71	10.956	775	776	778	rVV2	2101150	2764127	27.64%	1.687%

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72	11.002	778	780	782	rVV	3158667	3808041	38.07%	2.324%
73	11.036	782	783	786	rVB	1611585	1629318	16.29%	0.994%
74	11.128	789	791	795	rBV4	324941	735420	7.35%	0.449%
75	11.196	795	797	799	rVV2	1056691	994938	9.95%	0.607%
76	11.288	803	805	806	rVV	1243947	1566263	15.66%	0.956%
77	11.322	806	808	812	rVB	707534	802781	8.03%	0.490%
78	11.516	823	825	827	rVB2	494997	551298	5.51%	0.336%
79	11.676	838	839	842	rBV2	329583	317506	3.17%	0.194%
80	11.825	850	852	855	rBV3	337147	353266	3.53%	0.216%
81	11.905	855	859	862	rVV3	255796	746571	7.46%	0.456%
82	11.951	862	863	867	rVV3	189381	348249	3.48%	0.213%
83	12.008	867	868	873	rVV3	397500	942901	9.43%	0.575%
84	12.077	873	874	877	rVB2	177567	266729	2.67%	0.163%
85	12.328	895	896	899	rVB	158621	195777	1.96%	0.119%
86	12.865	940	943	945	rBV	4303171	4406978	44.06%	2.689%
87	13.700	1013	1016	1019	rBV3	120993	216445	2.16%	0.132%
88	13.905	1032	1034	1037	rVB	968060	1260506	12.60%	0.769%
89	14.008	1041	1043	1048	rVB3	744042	1190429	11.90%	0.726%
90	14.317	1067	1070	1073	rVB2	678497	1044832	10.45%	0.638%
91	14.545	1088	1090	1093	rBV	176216	281341	2.81%	0.172%
92	14.602	1093	1095	1099	rVB3	1879067	2687696	26.87%	1.640%
93	14.911	1119	1122	1128	rVB2	849743	1421850	14.22%	0.868%
94	15.243	1148	1151	1155	rVV2	1792487	2756968	27.56%	1.682%
95	15.311	1155	1157	1166	rVB	926750	1274295	12.74%	0.778%
96	15.620	1181	1184	1189	rVB2	576063	927109	9.27%	0.566%
97	16.054	1219	1222	1228	rVB2	803962	1632798	16.33%	0.996%
98	16.568	1263	1267	1277	rVB	171323	421358	4.21%	0.257%
99	17.163	1315	1319	1325	rVB	224190	558998	5.59%	0.341%
100	18.546	1437	1440	1448	rVB6	55460	180040	1.80%	0.110%

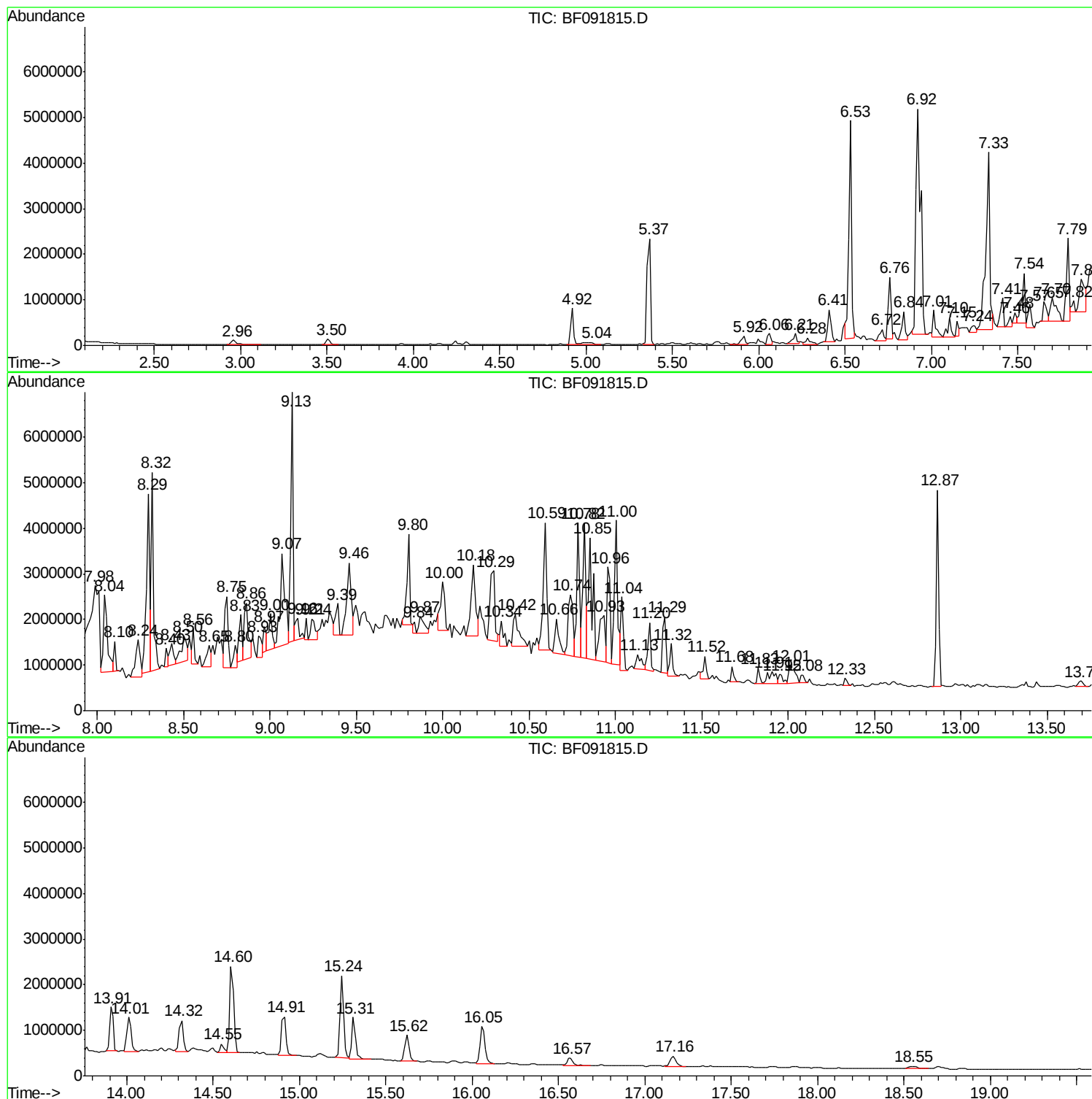
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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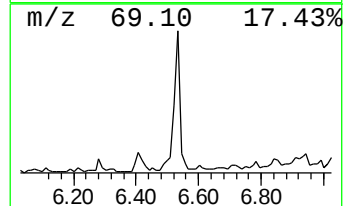
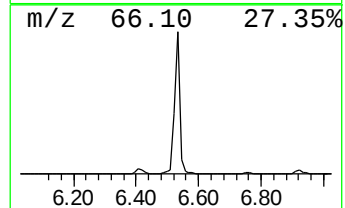
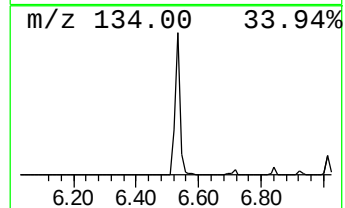
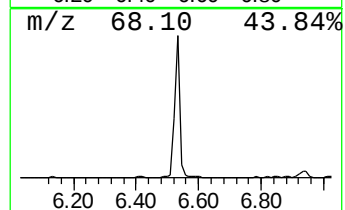
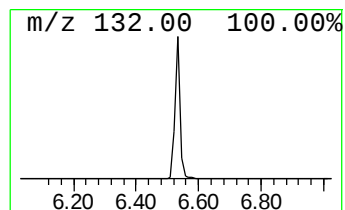
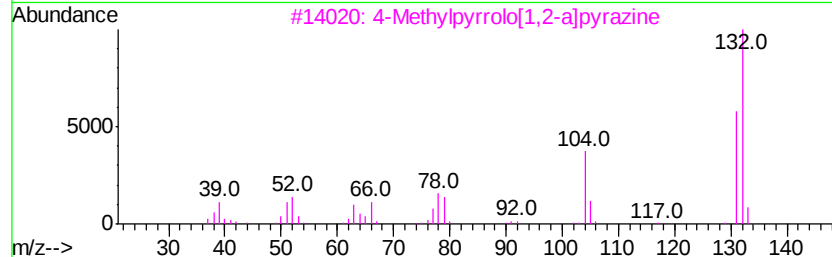
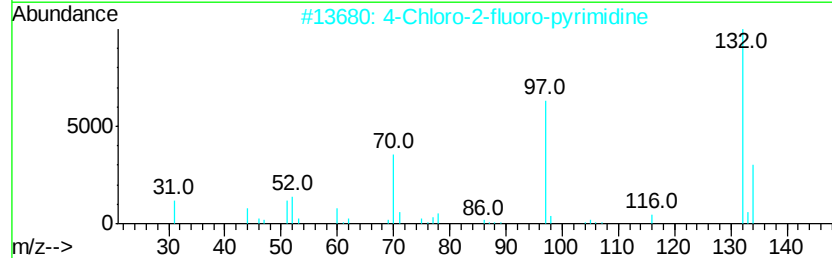
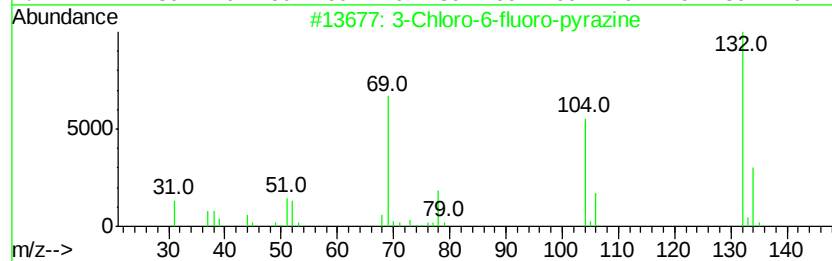
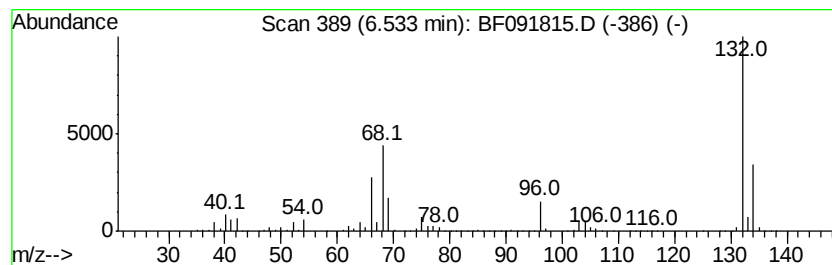
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	76.91 ng	5536620	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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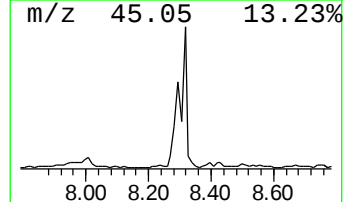
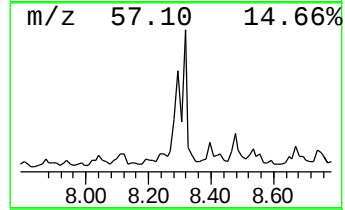
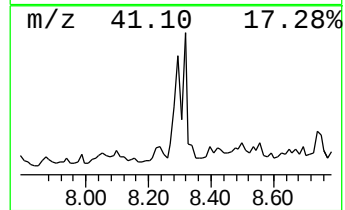
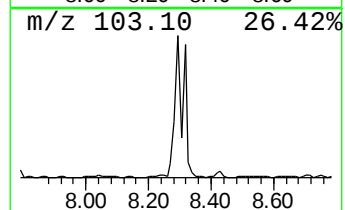
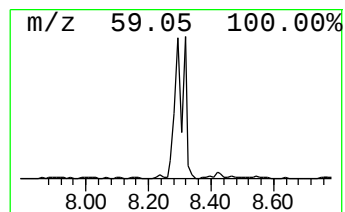
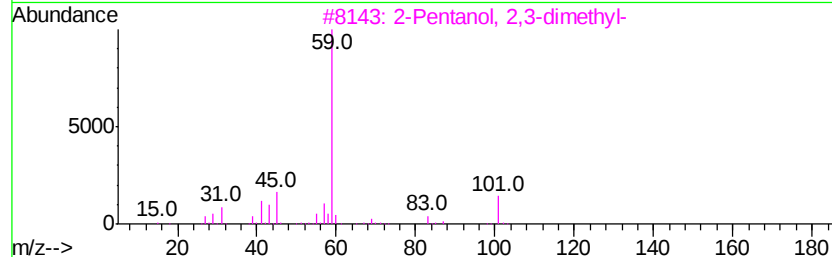
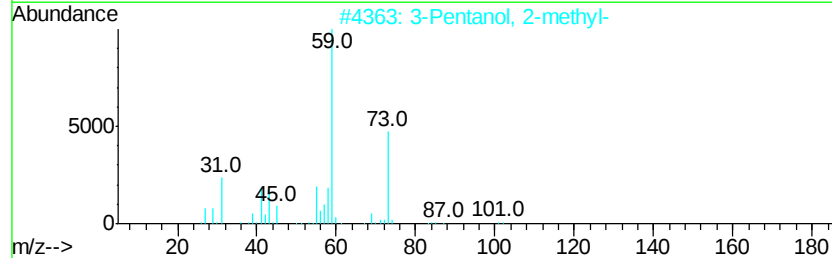
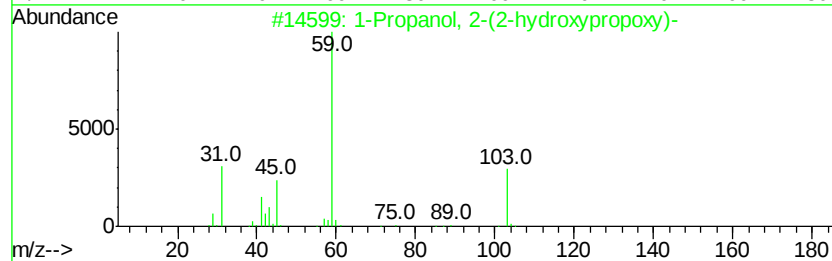
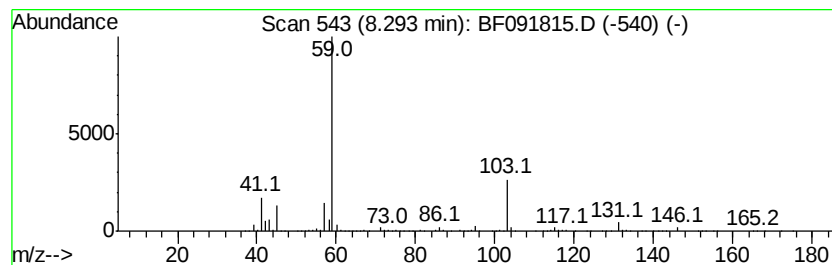
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Propanol, 2-(2-hydroxypro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	36.48 ng	5196760	Napthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
2		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	59
3		2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	59
4		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	56
5		Methane, diethoxy-	104	C5H12O2	000462-95-3	50



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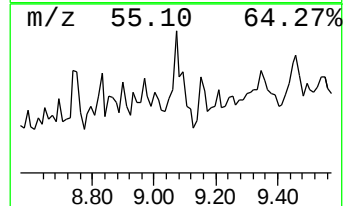
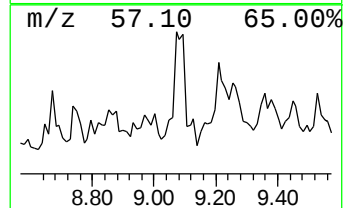
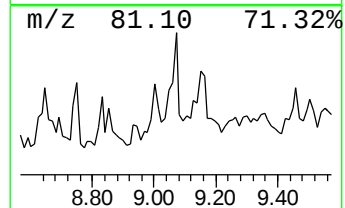
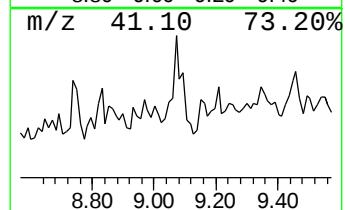
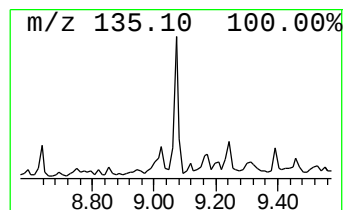
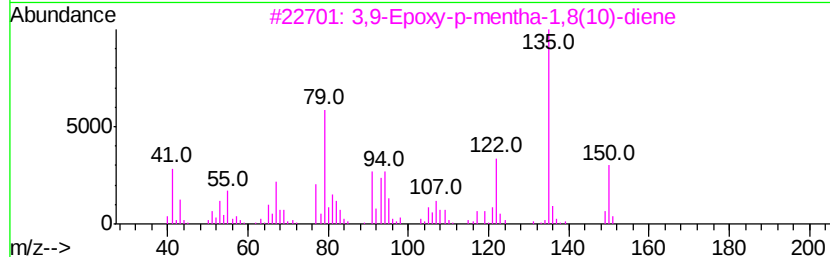
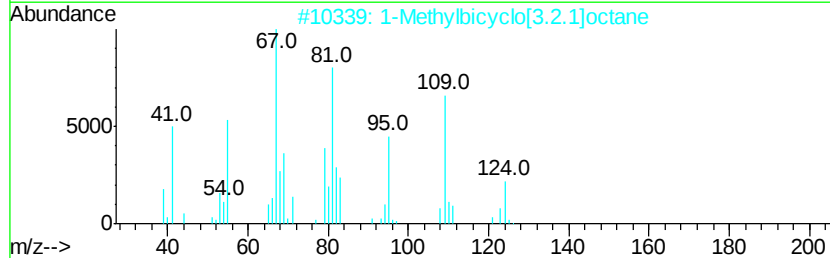
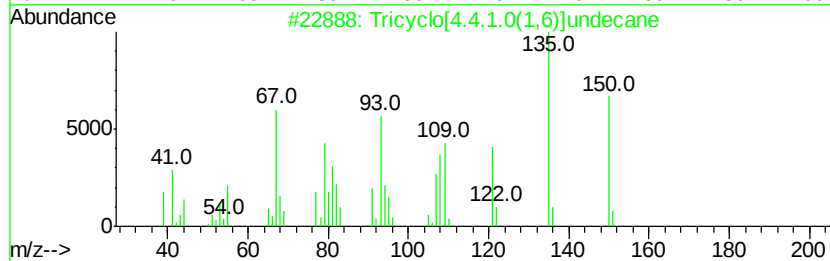
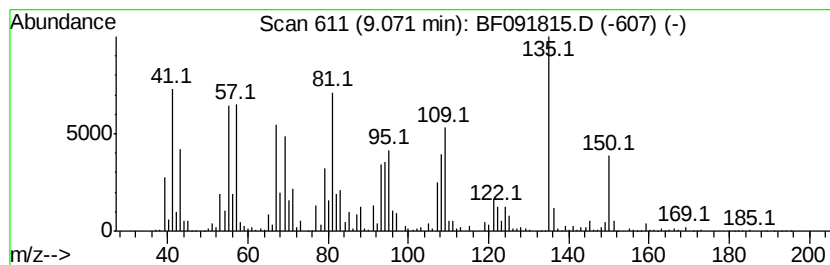
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tricyclo[4.4.1.0(1,6)]undecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	35.59 ng	3848400	Acenaphthene-d10	9.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	74
2		1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	55
3		3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	49
4		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	38
5		1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091815.D
Acq On : 20 Dec 2016 12:59
Operator : UM/SJ
Sample : H6147-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-02

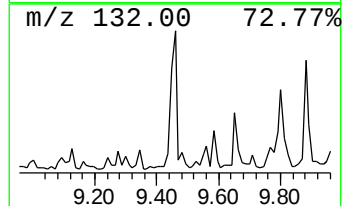
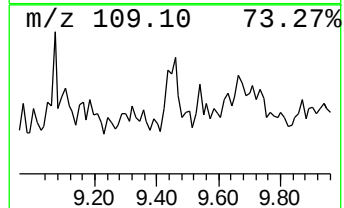
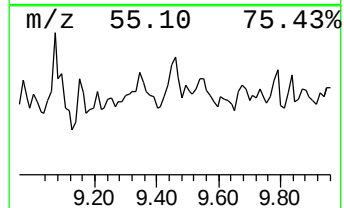
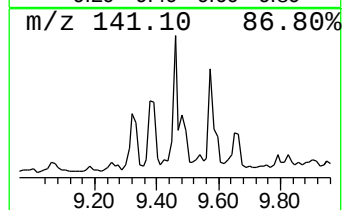
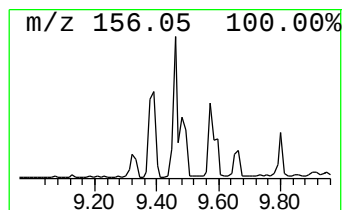
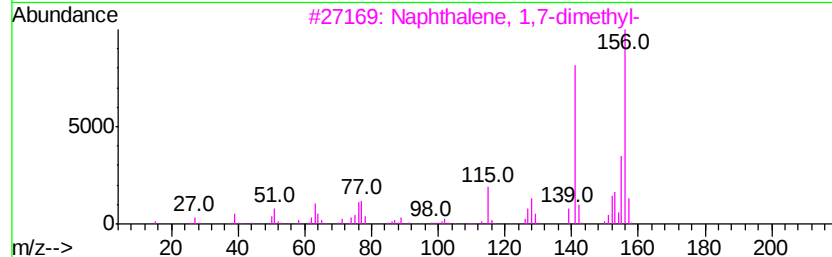
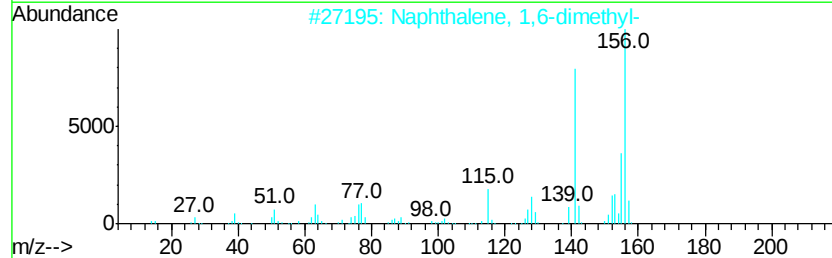
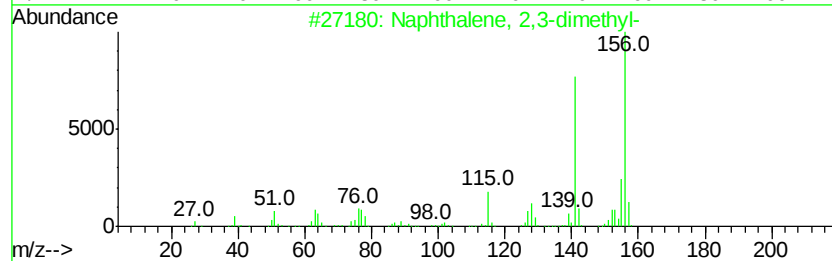
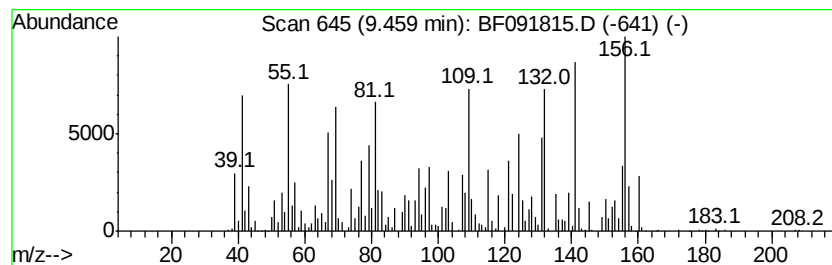
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	29.25 ng	3162460	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091815.D
Acq On : 20 Dec 2016 12:59
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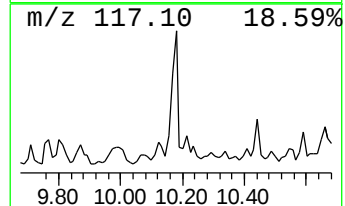
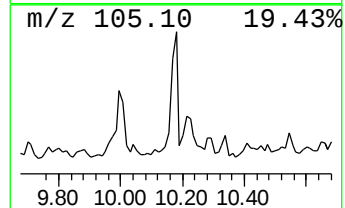
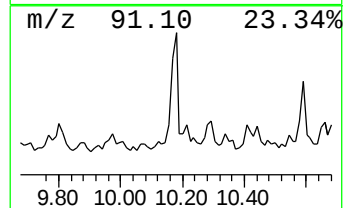
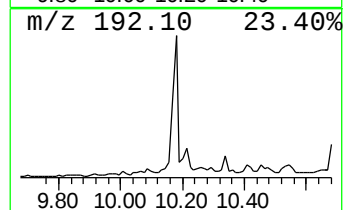
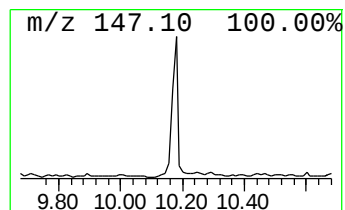
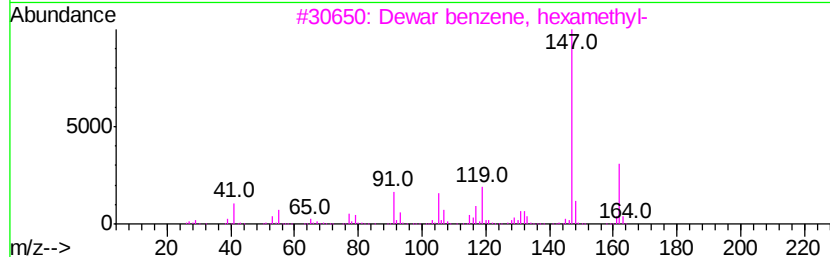
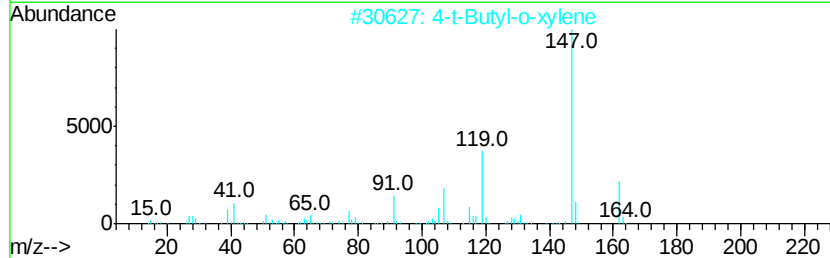
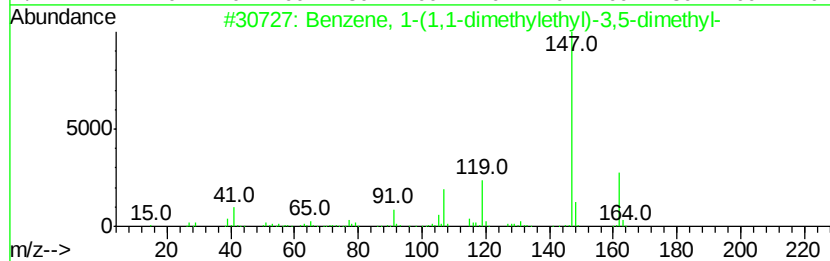
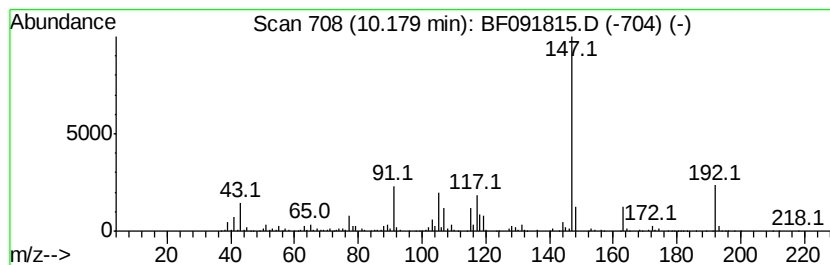
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.18 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	25.25 ng	2730570	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	47
2		4-t-Butyl-o-xylene	162	C12H18	007397-06-0	47
3		Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	45
4		1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	43
5		Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43



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Sample : H6147-07
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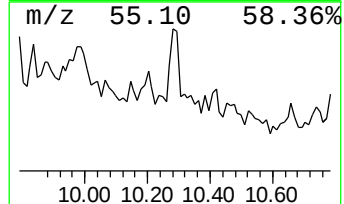
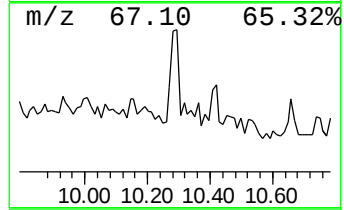
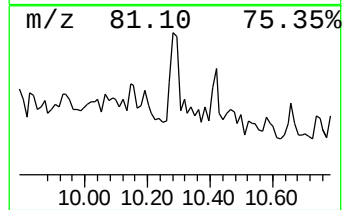
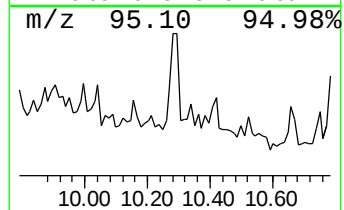
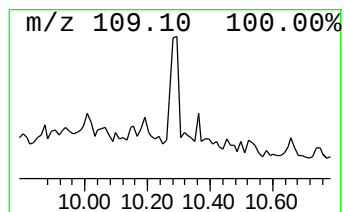
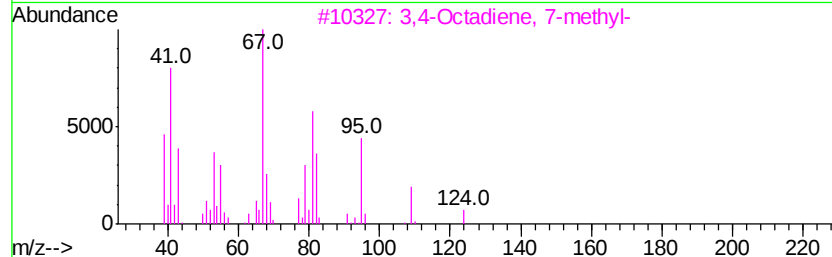
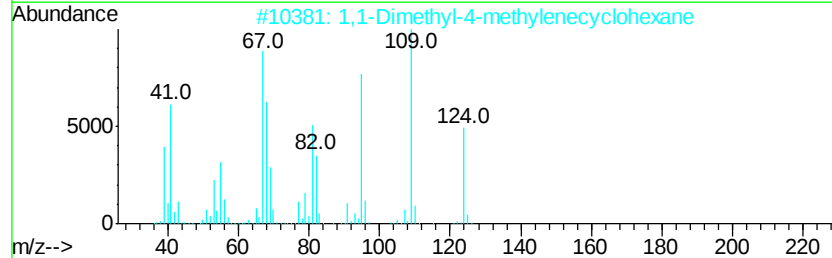
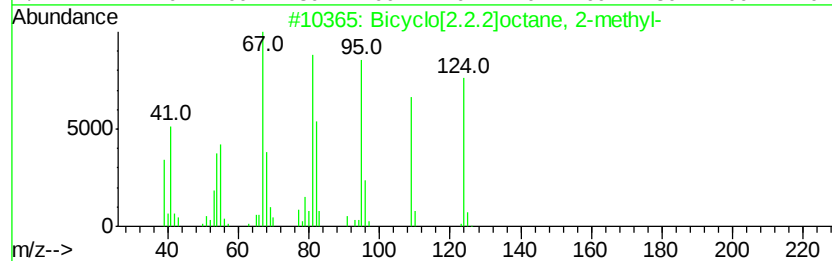
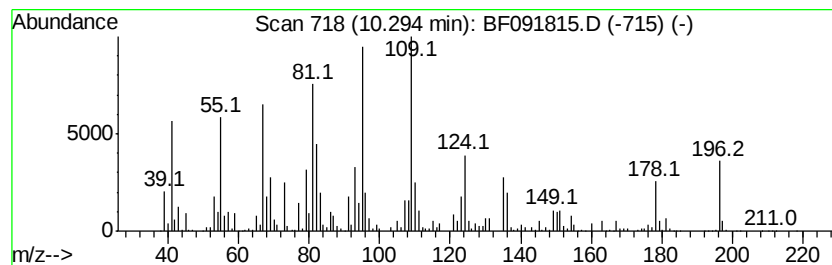
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bicyclo[2.2.2]octane, 2-met... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	24.60 ng	2659760	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.2]octane, 2-methyl-	124 C9H16	000766-53-0 64
2		1,1-Dimethyl-4-methylenecyclohexane	124 C9H16	006007-96-1 62
3		3,4-Octadiene, 7-methyl-	124 C9H16	037050-05-8 60
4		1-Methylbicyclo[3.2.1]octane	124 C9H16	119972-41-7 53
5		Ethanone, 1-(2-methyl-1-cyclopen...	124 C8H12O	003168-90-9 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
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Operator : UM/SJ
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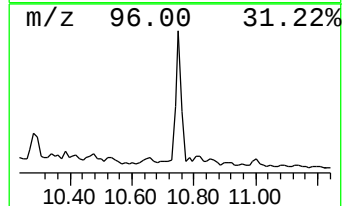
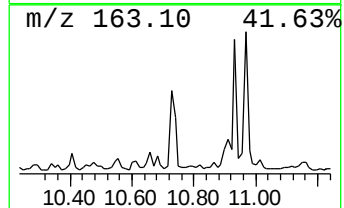
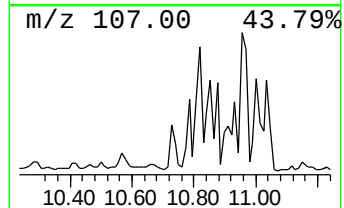
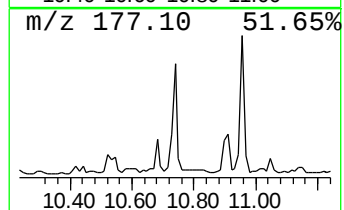
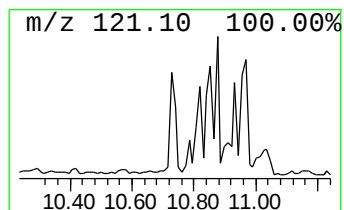
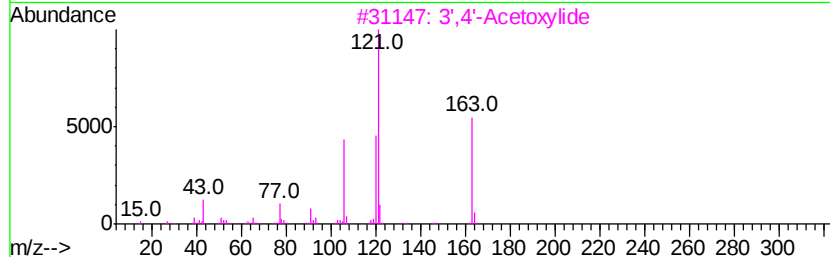
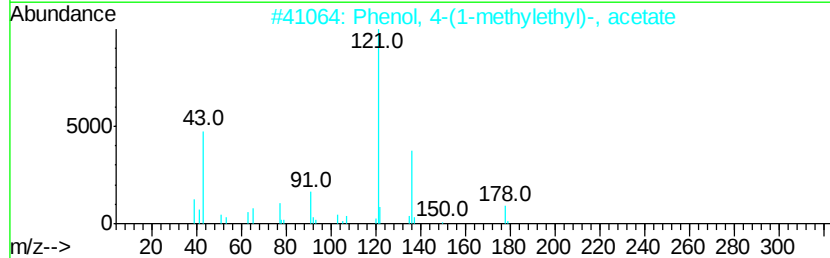
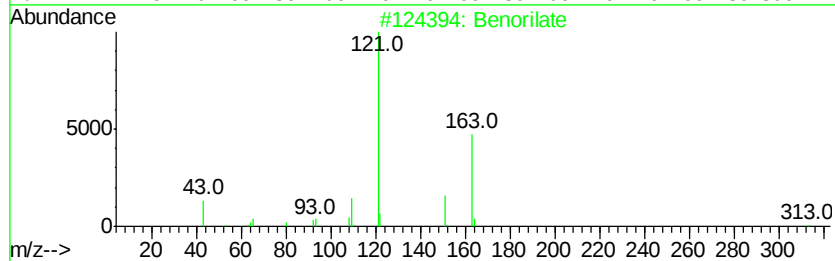
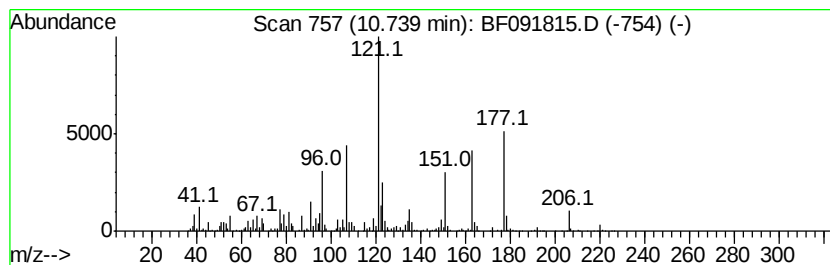
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown10.74 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	36.12 ng	2828750	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benorilate	313	C17H15N05	005003-48-5	35
2		Phenol, 4-(1-methylethyl)-, acetate	178	C11H14O2	002664-32-6	35
3		3',4'-Acetoxylide	163	C10H13NO	002198-54-1	30
4		Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	30
5		2-Acetamidotropone	163	C9H9NO2	006422-12-4	30



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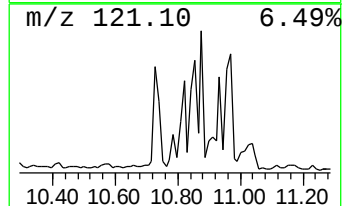
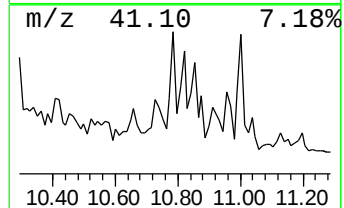
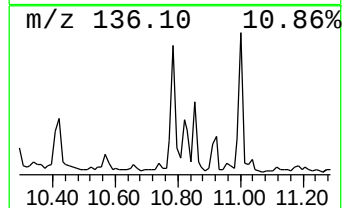
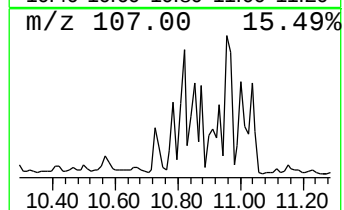
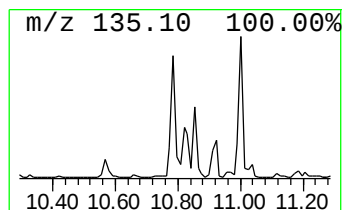
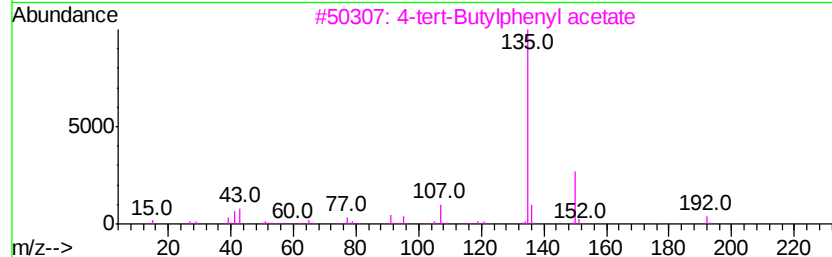
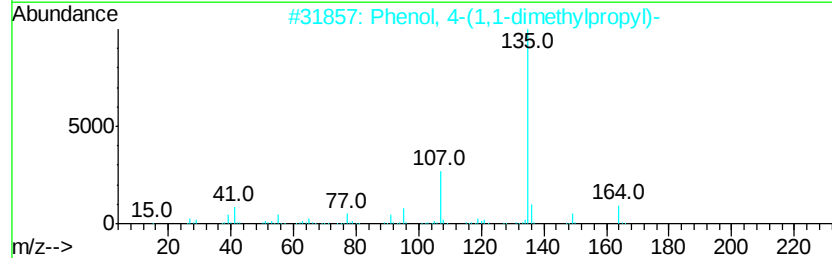
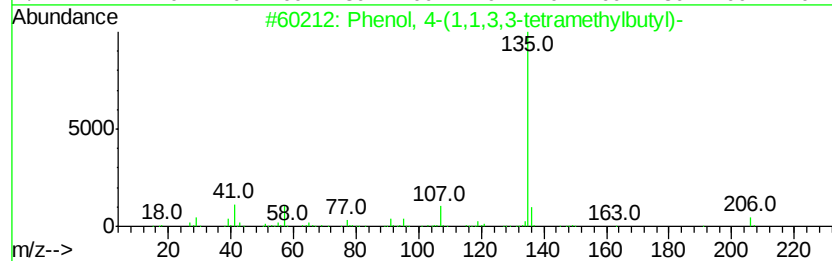
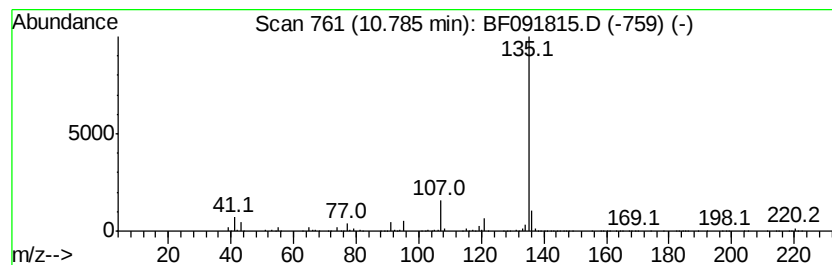
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	37.60 ng	2944910	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
4		Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
5		Benzoic acid, 4-methoxy-, diethy...	220	C12H17BO3	146681-61-0	64



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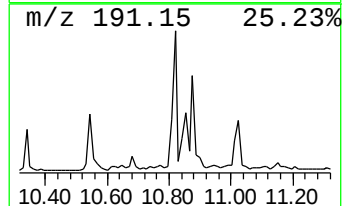
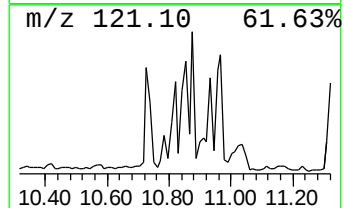
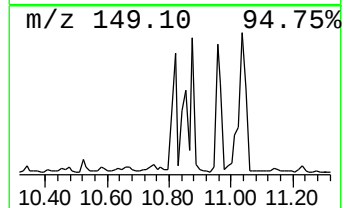
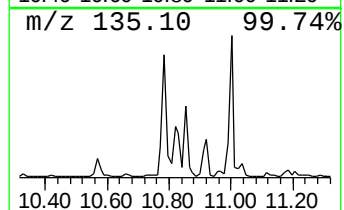
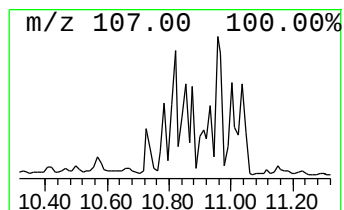
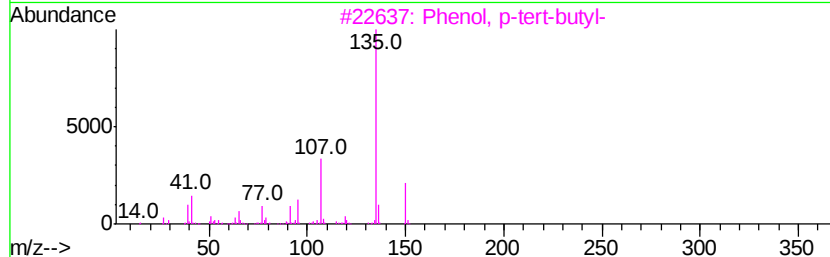
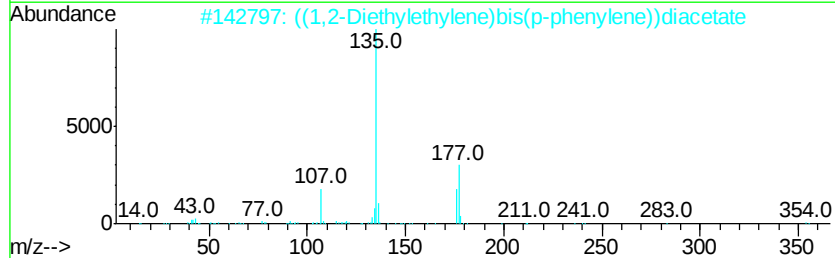
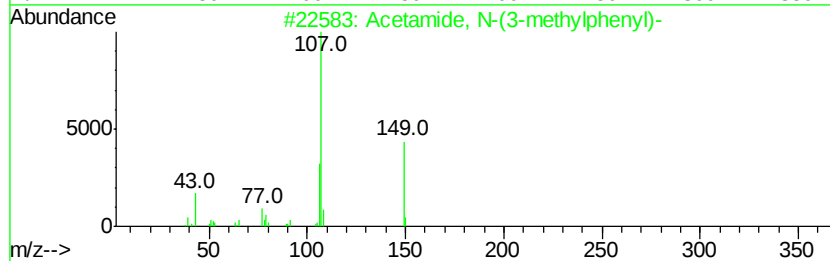
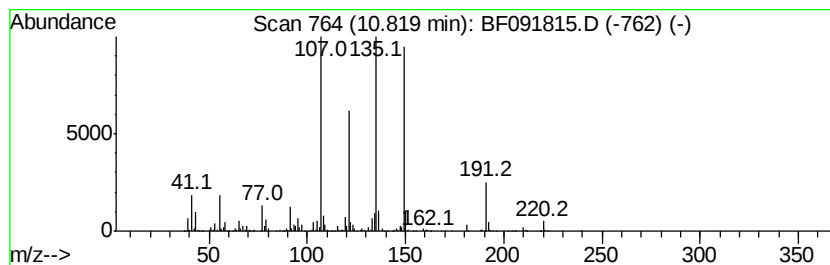
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.82 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	48.90 ng	3829440	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
2		((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	27
3		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	27
4		Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	22
5		Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	22



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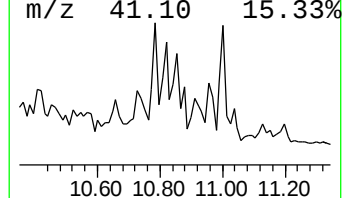
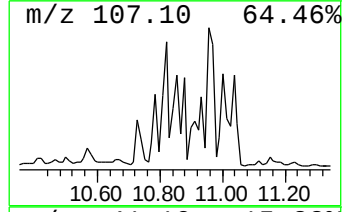
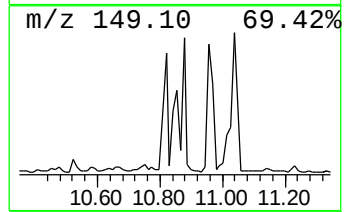
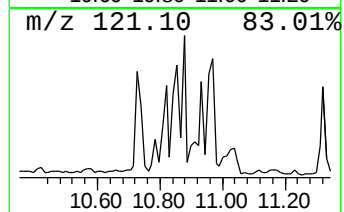
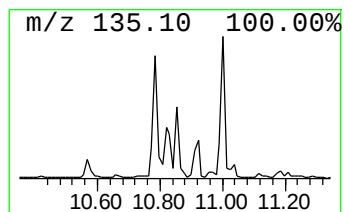
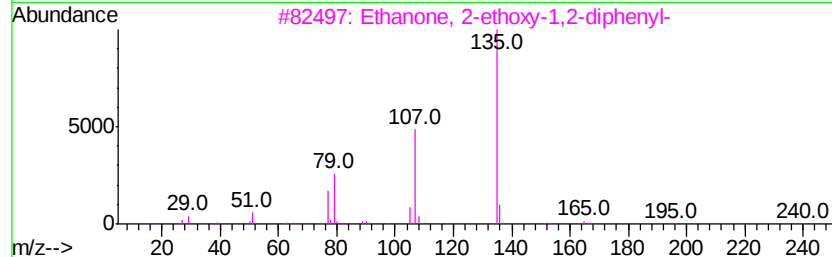
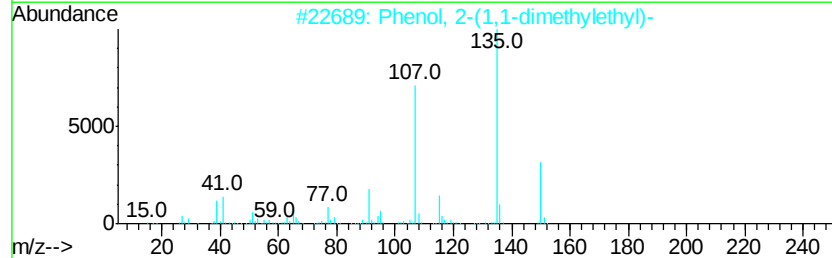
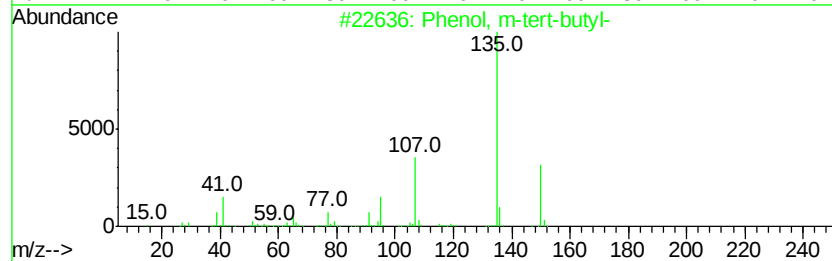
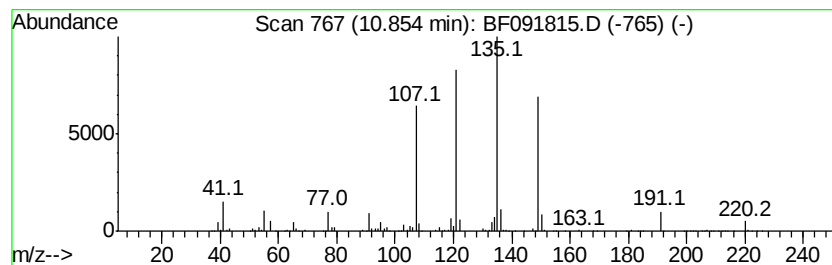
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.85 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	57.42 ng	4496810	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	41
2		Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	38
3		Ethanone, 2-ethoxy-1,2-diphenyl-	240	C16H16O2	000574-09-4	35
4		Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	27
5		Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091815.D
Acq On : 20 Dec 2016 12:59
Operator : UM/SJ
Sample : H6147-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

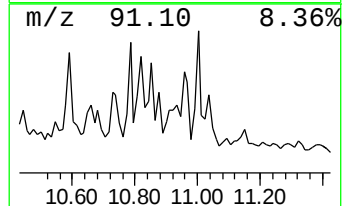
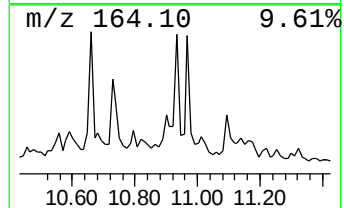
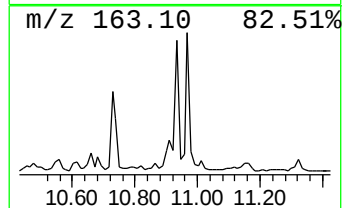
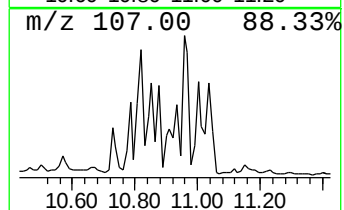
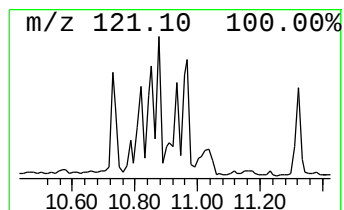
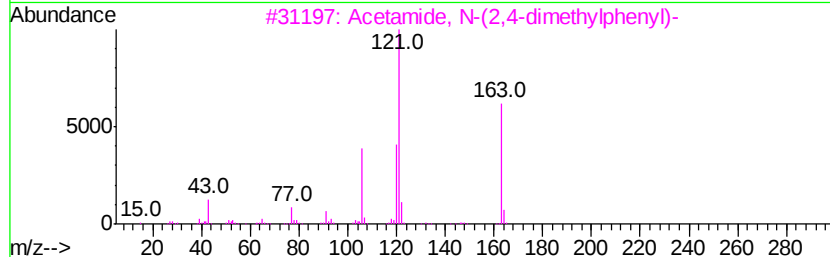
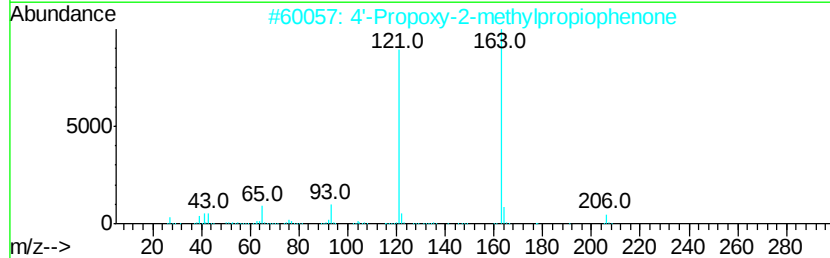
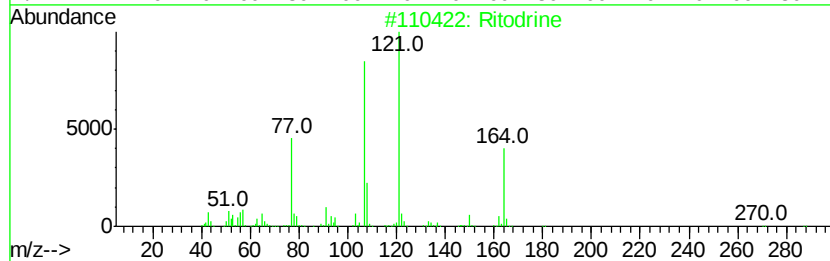
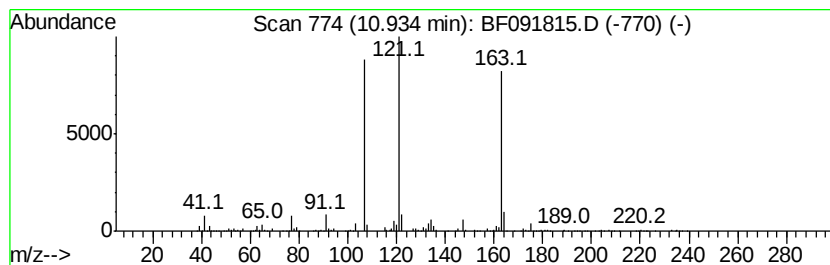
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Ritodrine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	32.18 ng	2520120	Phenanthrene-d10	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ritodrine	287 C17H21NO3	026652-09-5 50
2		4'-Propoxy-2-methylpropiofenone	206 C13H18O2	064436-60-8 38
3		Acetamide, N-(2,4-dimethylphenyl)-	163 C10H13NO	002050-43-3 38
4		1,2-Dimethyl-5-nitroadamantane	209 C12H19NO2	006588-68-7 38
5		1-Propanone, 1-(4-hydroxyphenyl)...	164 C10H12O2	034917-91-4 22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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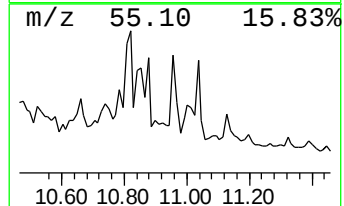
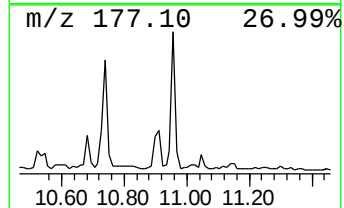
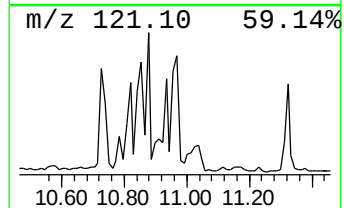
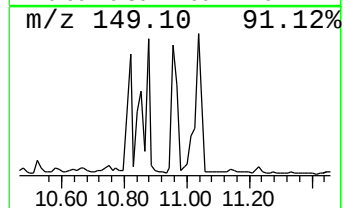
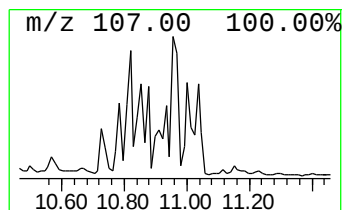
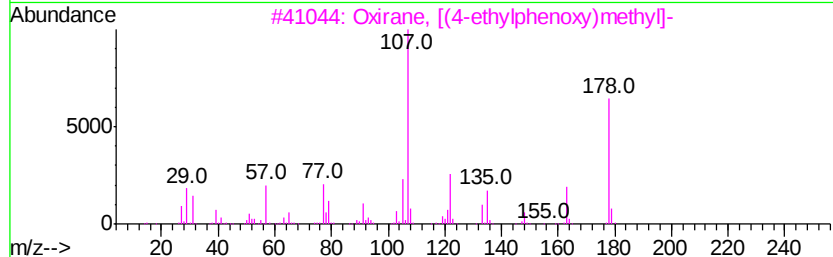
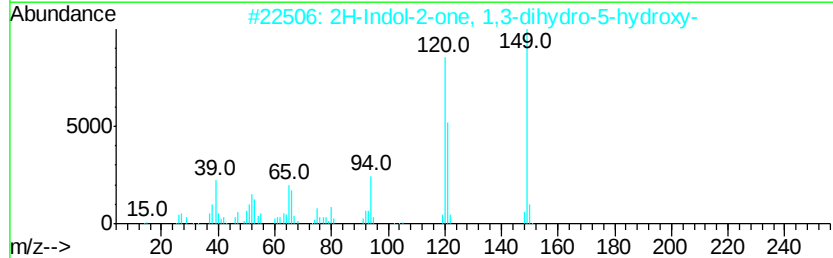
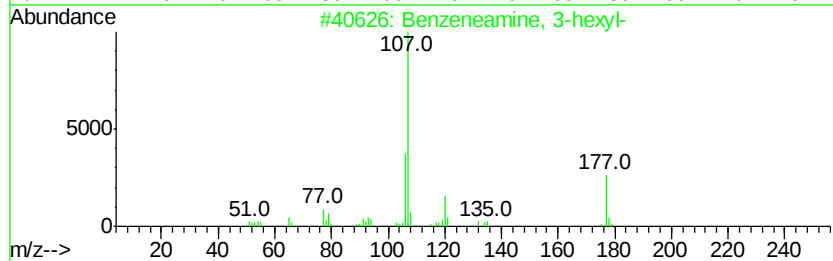
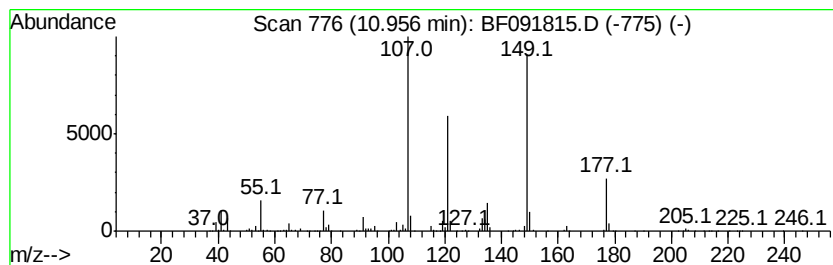
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.96 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.96	35.30 ng	2764130	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneamine, 3-hexyl-	177	C12H19N	036042-29-2	38
2	2H-Indol-2-one, 1,3-dihydro-5-hydroxy-	149	C8H7NO2	003416-18-0	35
3	Oxirane, [(4-ethylphenoxy)methyl]-	178	C11H14O2	002930-02-1	35
4	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	35
5	Phenol, 4-butyl-	150	C10H14O	001638-22-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
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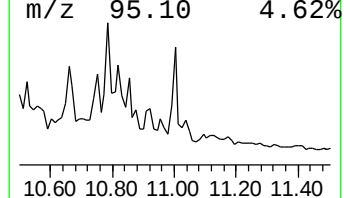
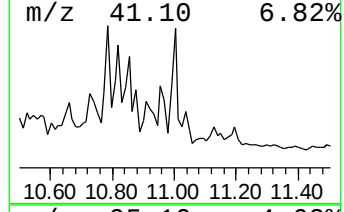
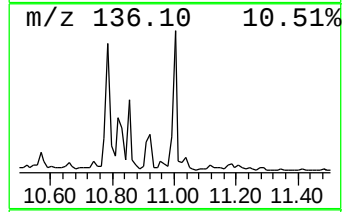
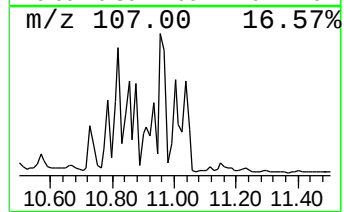
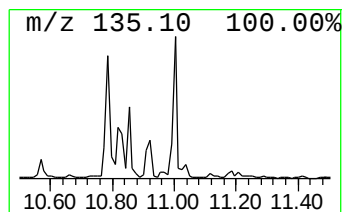
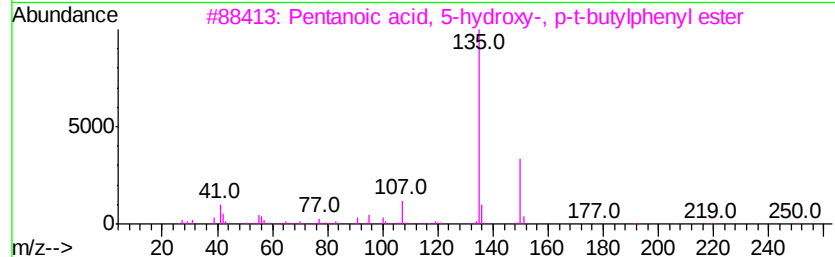
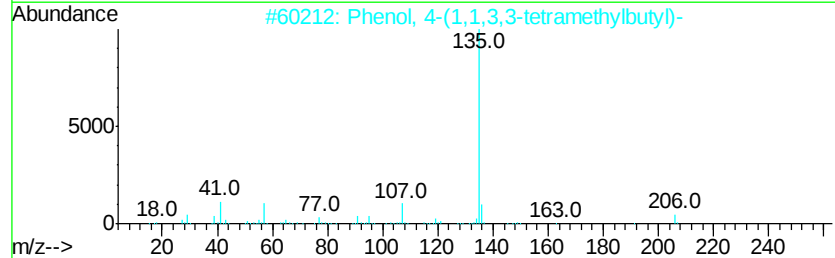
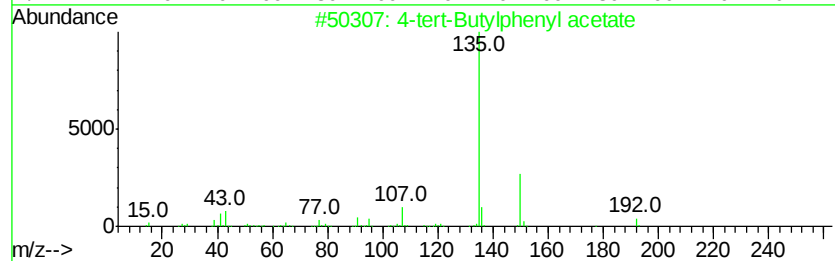
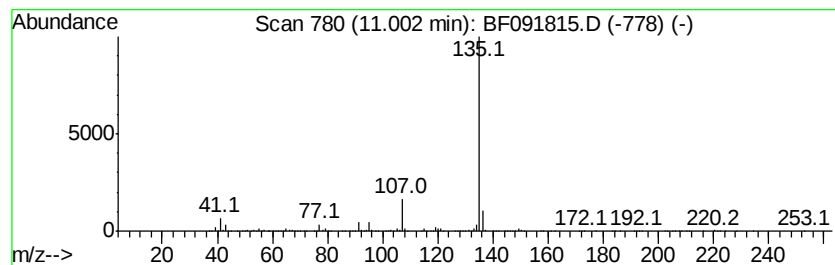
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4-tert-Butylphenyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.00	48.63 ng	3808040	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	64
5	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
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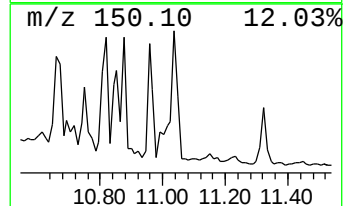
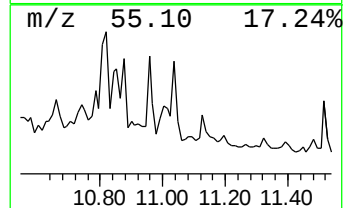
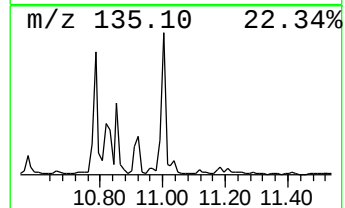
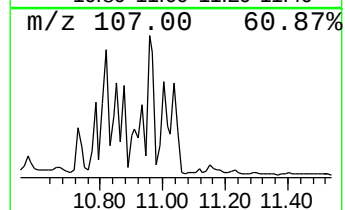
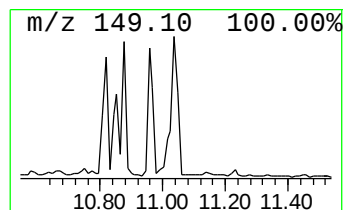
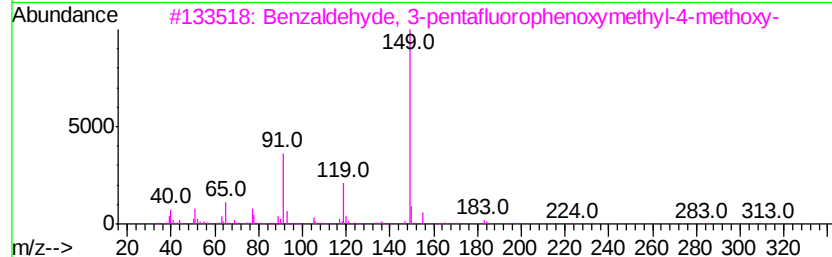
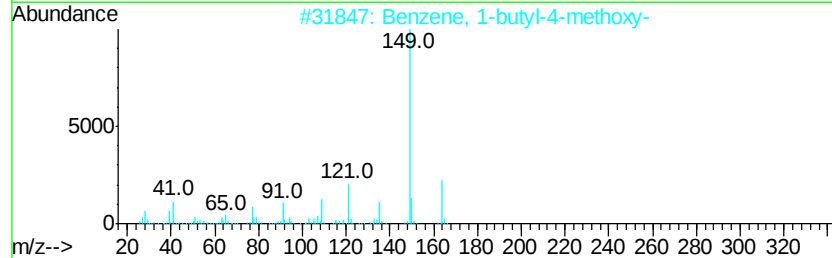
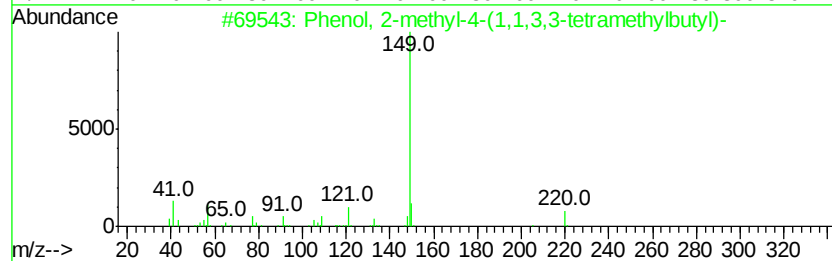
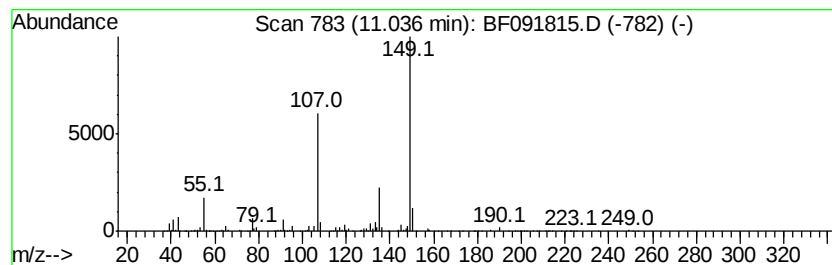
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown11.04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	20.81 ng	1629320	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
2		Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	38
3		Benzaldehyde, 3-pentafluoropheno...	332	C15H9F5O3	329222-68-6	38
4		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	38
5		Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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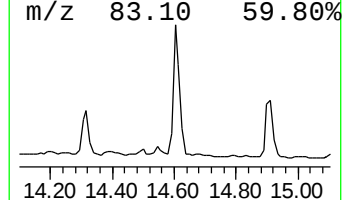
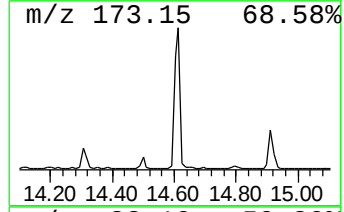
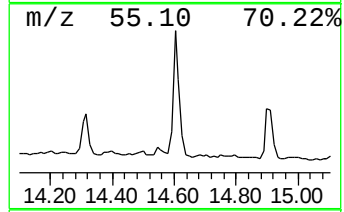
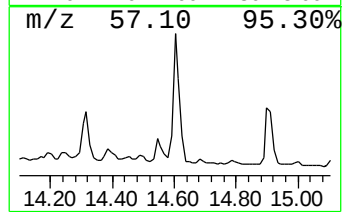
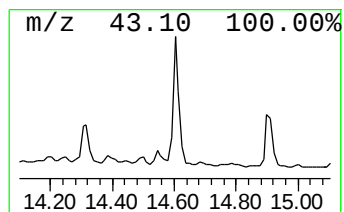
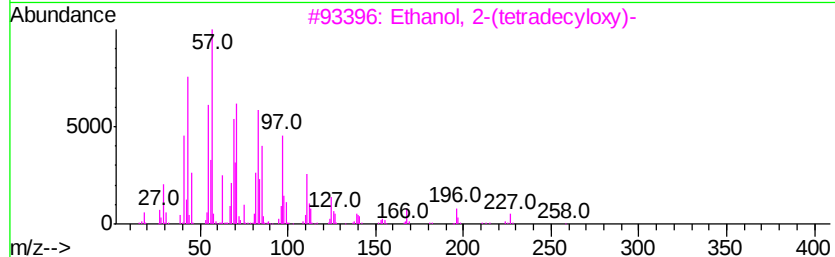
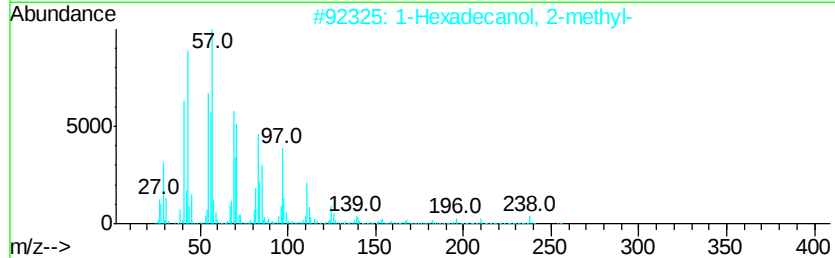
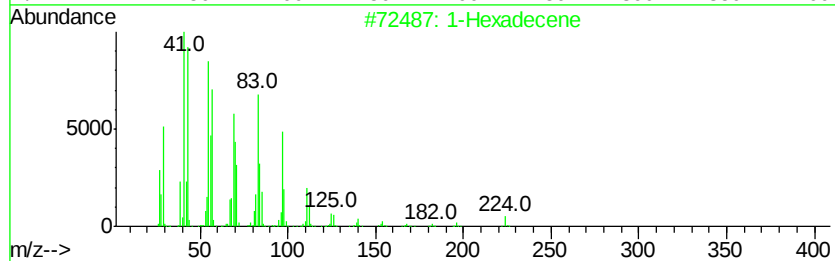
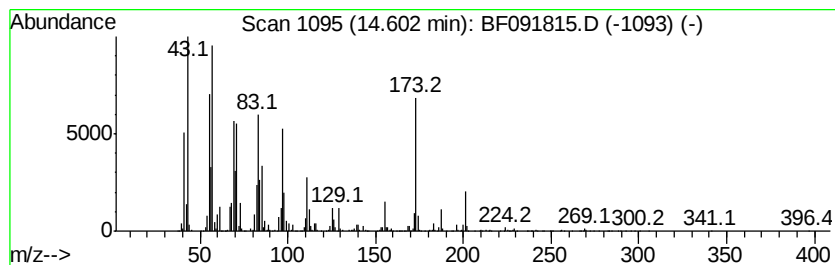
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Hexadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	42.64 ng	2687700	Chrysene-d12	13.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecene	224	C16H32	000629-73-2	92
2		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	90
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	70
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
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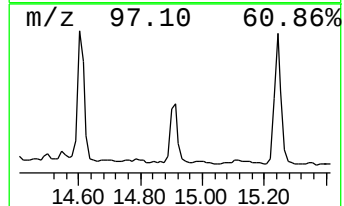
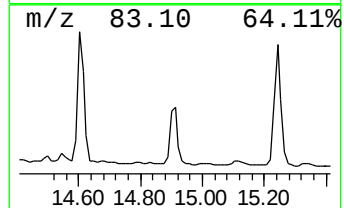
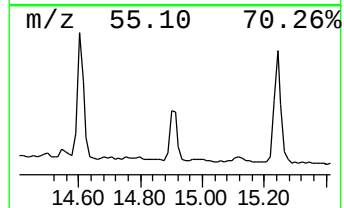
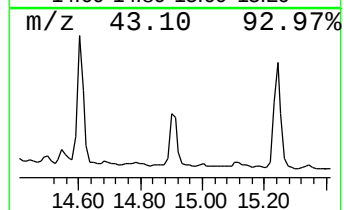
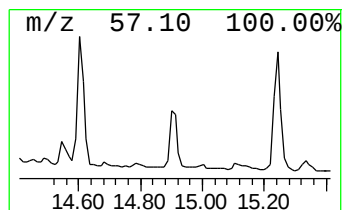
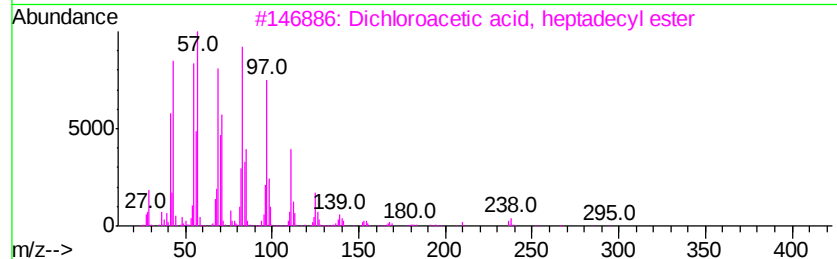
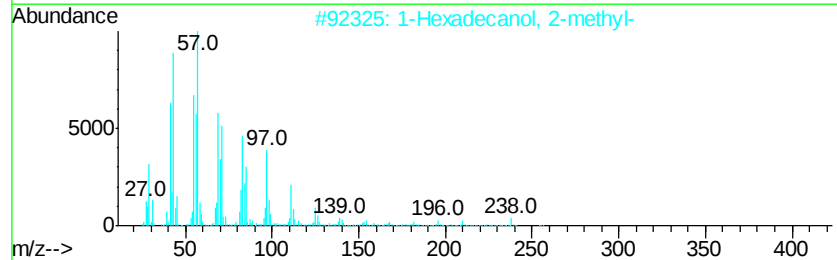
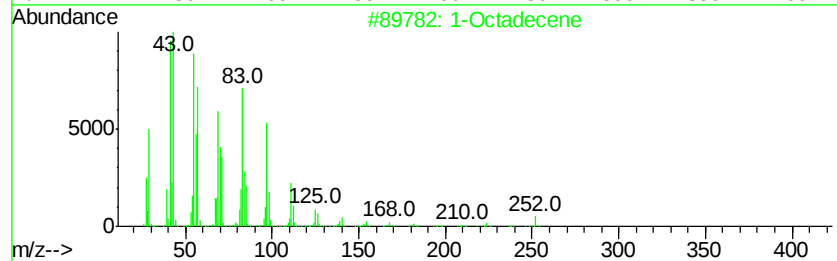
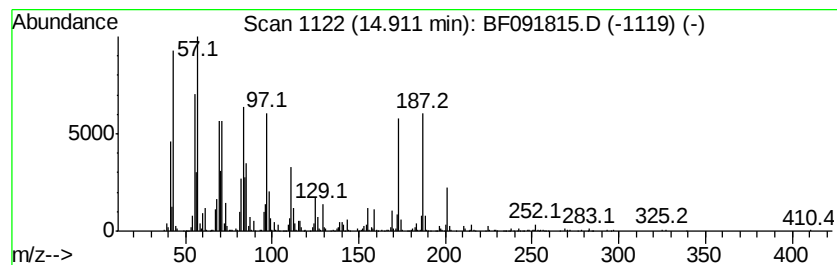
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1-Octadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	22.32 ng	1421850	Perylene-d12	15.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecene	252 C18H36	000112-88-9	90
2	1-Hexadecanol, 2-methyl-	256 C17H36O	002490-48-4	83
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	78
4	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2	64
5	1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1	64



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ALS Vial : 32 Sample Multiplier: 1

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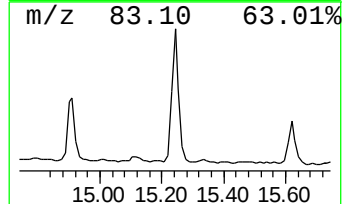
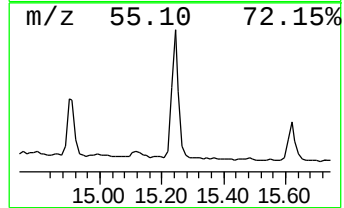
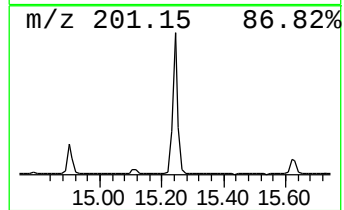
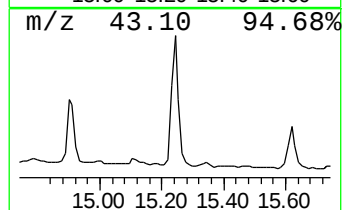
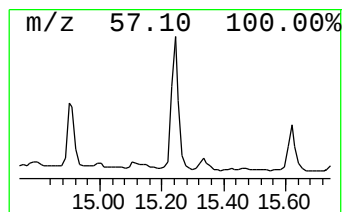
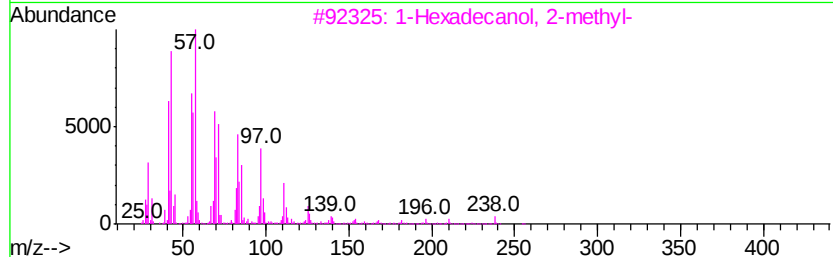
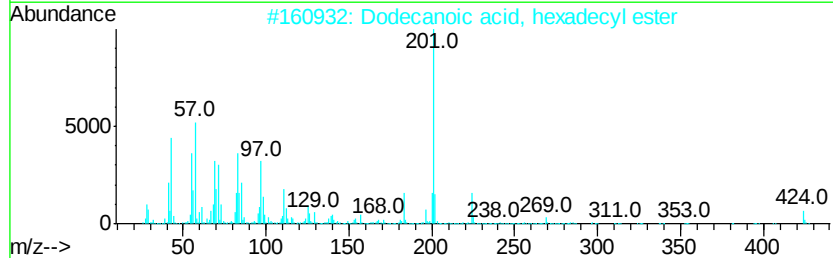
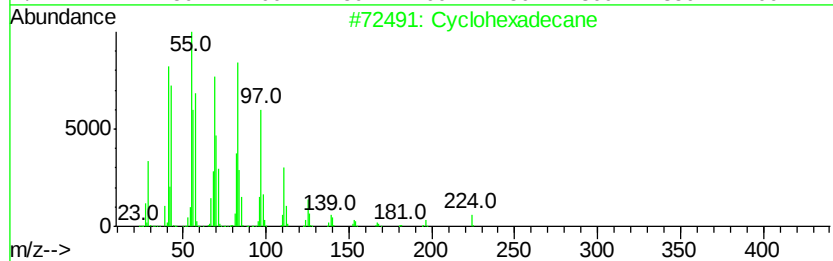
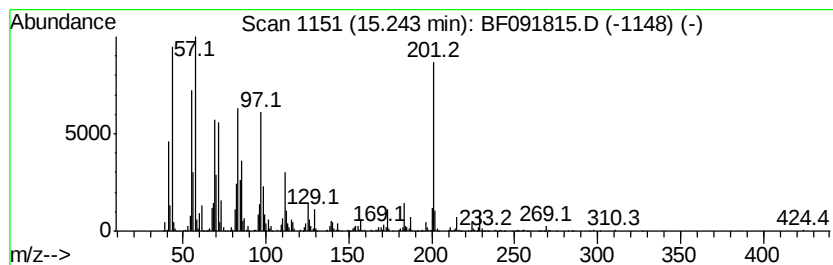
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	43.27 ng	2756970	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	92
2		Dodecanoic acid, hexadecyl ester	424	C28H56O2	020834-06-4	91
3		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	83
4		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	1000280-07-7	64
5		Trifluoroacetic acid, n-octadecyl ester	366	C20H37F3O2	079392-43-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091815.D
Acq On : 20 Dec 2016 12:59
Operator : UM/SJ
Sample : H6147-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02

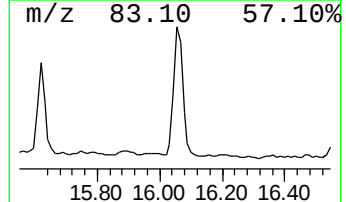
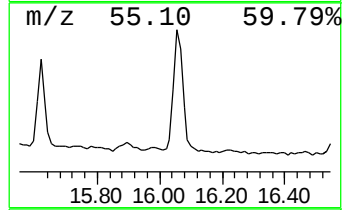
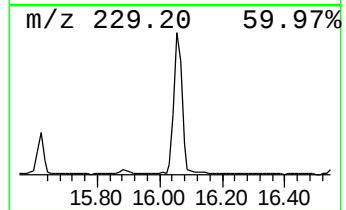
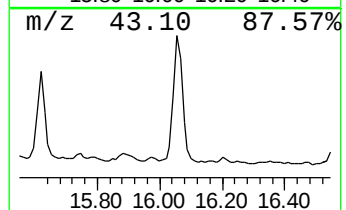
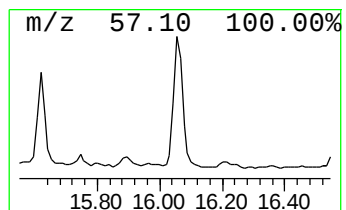
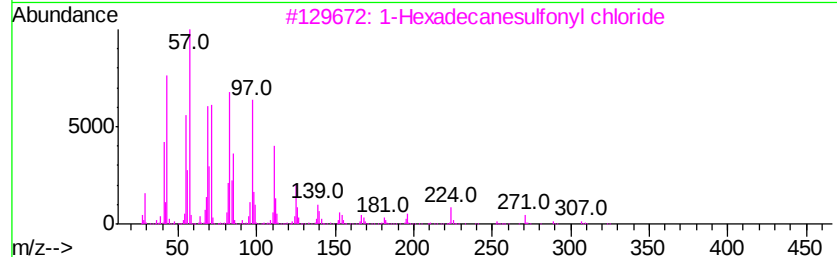
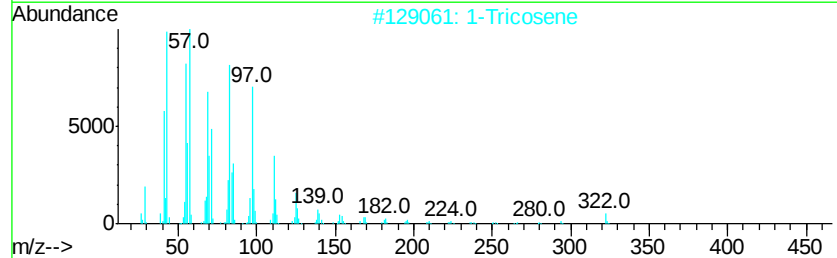
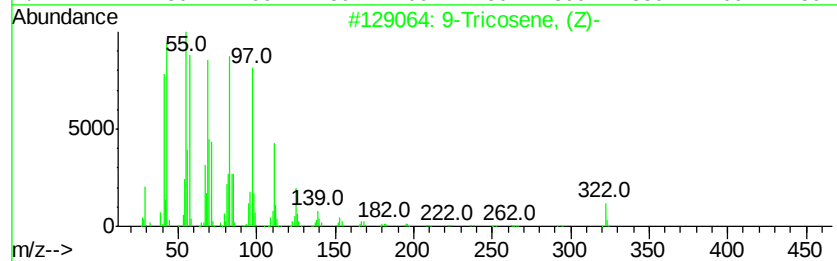
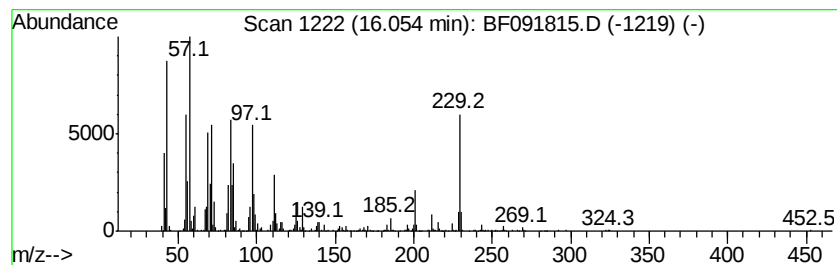
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Tricosene, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	25.63 ng	1632800	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
2		1-Tricosene	322	C23H46	018835-32-0	90
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	62
4		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	62
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091815.D
 Acq On : 20 Dec 2016 12:59
 Operator : UM/SJ
 Sample : H6147-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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
unknown6.53	6.53	76.9	ng	5536620	1	6.76	1439850	20.0
1-Propanol, 2-(2-...	8.29	36.5	ng	5196760	2	8.04	2849350	20.0
Tricyclo[4.4.1.0(...	9.07	35.6	ng	3848400	3	9.80	2162700	20.0
Naphthalene, 2,3-...	9.46	29.3	ng	3162460	3	9.80	2162700	20.0
unknown10.18	10.18	25.3	ng	2730570	3	9.80	2162700	20.0
Bicyclo[2.2.2]oct...	10.29	24.6	ng	2659760	3	9.80	2162700	20.0
unknown10.74	10.74	36.1	ng	2828750	4	11.29	1566260	20.0
Phenol, 4-(1,1,3,...	10.79	37.6	ng	2944910	4	11.29	1566260	20.0
unknown10.82	10.82	48.9	ng	3829440	4	11.29	1566260	20.0
unknown10.85	10.85	57.4	ng	4496810	4	11.29	1566260	20.0
Ritodrine	10.93	32.2	ng	2520120	4	11.29	1566260	20.0
unknown10.96	10.96	35.3	ng	2764130	4	11.29	1566260	20.0
4-tert-Butylpheny...	11.00	48.6	ng	3808040	4	11.29	1566260	20.0
unknown11.04	11.04	20.8	ng	1629320	4	11.29	1566260	20.0
1-Hexadecene	14.60	42.6	ng	2687700	5	13.92	1260510	20.0
1-Octadecene	14.91	22.3	ng	1421850	6	15.31	1274300	20.0
Cyclohexadecane	15.24	43.3	ng	2756970	6	15.31	1274300	20.0
9-Tricosene, (Z)-	16.05	25.6	ng	1632800	6	15.31	1274300	20.0