

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092658.D
 Acq On : 31 Jan 2017 2:33
 Operator : SJ/MA
 Sample : I1593-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-6

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-BF013017.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	3.961	159	164	167	rBV	103446	154579	2.51%	0.175%
2	5.161	265	269	274	rBV	1483898	2591882	42.12%	2.930%
3	5.527	298	301	303	rBV	277840	397496	6.46%	0.449%
4	5.573	303	305	308	rVV	3587188	5480035	89.05%	6.196%
5	5.790	322	324	326	rBV	120146	117490	1.91%	0.133%
6	5.847	328	329	337	rVB	128997	166528	2.71%	0.188%
7	6.201	357	360	361	rBV2	62971	104251	1.69%	0.118%
8	6.407	373	378	379	rBV2	70186	153148	2.49%	0.173%
9	6.476	383	384	385	rVV	209594	209378	3.40%	0.237%
10	6.499	385	386	388	rVV	127340	167435	2.72%	0.189%
11	6.556	388	391	392	rVV2	120196	188526	3.06%	0.213%
12	6.613	392	396	398	rVV	3570342	6153663	100.00%	6.958%
13	6.681	401	402	404	rVV2	67495	121618	1.98%	0.138%
14	6.739	404	407	409	rVV	4119806	5550952	90.21%	6.276%
15	6.784	409	411	414	rVV	554352	623245	10.13%	0.705%
16	6.910	418	422	424	rVV3	50655	122762	1.99%	0.139%
17	6.956	424	426	430	rVV2	1156353	1324139	21.52%	1.497%
18	7.036	430	433	435	rVV	1718504	1690820	27.48%	1.912%
19	7.070	435	436	438	rVV	159474	196958	3.20%	0.223%
20	7.116	438	440	443	rVB	3589098	3960228	64.36%	4.478%
21	7.230	447	450	452	rVB3	151699	247540	4.02%	0.280%
22	7.276	452	454	455	rBV2	141932	177102	2.88%	0.200%
23	7.356	459	461	466	rVB4	159723	386245	6.28%	0.437%
24	7.527	470	476	481	rVB	2760836	3818568	62.05%	4.317%
25	7.607	481	483	485	rVB2	132900	163827	2.66%	0.185%
26	7.653	485	487	491	rBV4	49841	155568	2.53%	0.176%
27	7.744	491	495	496	rVV3	58771	136198	2.21%	0.154%
28	7.767	496	497	501	rVB2	109896	104116	1.69%	0.118%
29	7.847	501	504	506	rBV3	58355	123062	2.00%	0.139%
30	7.882	506	507	513	rVB5	61707	135106	2.20%	0.153%
31	7.996	513	517	519	rBV4	196795	371844	6.04%	0.420%
32	8.247	537	539	543	rVV2	1283230	2408388	39.14%	2.723%
33	8.305	543	544	546	rVB	134872	115938	1.88%	0.131%
34	8.545	561	565	567	rBV4	80500	156056	2.54%	0.176%

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35	8.590	567	569	571	rBV3	106957	153814	2.50%	0.174%
36	8.670	574	576	577	rBV	224550	230580	3.75%	0.261%
37	8.842	589	591	592	rVV	226291	211354	3.43%	0.239%
38	8.967	600	602	603	rVB	222314	218438	3.55%	0.247%
39	9.059	609	610	614	rVB	153717	182924	2.97%	0.207%
40	9.162	617	619	621	rVB3	88865	118741	1.93%	0.134%
41	9.265	627	628	631	rVB	124093	152049	2.47%	0.172%
42	9.333	631	634	636	rVB	4931309	5249570	85.31%	5.935%
43	9.402	638	640	644	rBV2	258030	413038	6.71%	0.467%
44	9.470	644	646	649	rVB3	237589	292127	4.75%	0.330%
45	9.596	654	657	659	rBV	134578	186022	3.02%	0.210%
46	9.665	659	663	664	rBV2	237012	328883	5.34%	0.372%
47	9.722	666	668	672	rVB	632887	639939	10.40%	0.724%
48	9.870	678	681	683	rBV	245357	351852	5.72%	0.398%
49	9.928	683	686	689	rVB2	207888	423960	6.89%	0.479%
50	10.008	689	693	695	rBV	1576512	1567172	25.47%	1.772%
51	10.042	695	696	697	rVB	235205	161233	2.62%	0.182%
52	10.110	700	702	704	rBV2	104210	146193	2.38%	0.165%
53	10.156	704	706	708	rBV2	84240	170668	2.77%	0.193%
54	10.213	708	711	712	rBV3	188429	249378	4.05%	0.282%
55	10.248	712	714	717	rBV3	166354	202492	3.29%	0.229%
56	10.328	718	721	722	rBV2	100186	177076	2.88%	0.200%
57	10.430	727	730	732	rBV2	662310	1081546	17.58%	1.223%
58	10.488	732	735	739	rBV6	58622	144684	2.35%	0.164%
59	10.556	739	741	744	rBV2	280638	373259	6.07%	0.422%
60	10.648	747	749	753	rBV2	215359	415682	6.76%	0.470%
61	10.705	753	754	756	rVB	98058	99172	1.61%	0.112%
62	10.796	757	762	764	rBV	1966106	2389696	38.83%	2.702%
63	10.922	770	773	775	rBV	681838	1098211	17.85%	1.242%
64	11.105	786	789	790	rBV3	133516	278515	4.53%	0.315%
65	11.253	798	802	804	rBV3	172485	426690	6.93%	0.482%
66	11.356	809	811	812	rVV	348696	337187	5.48%	0.381%
67	11.391	812	814	817	rVB	459131	573532	9.32%	0.648%
68	11.516	821	825	828	rBV	1536549	2654649	43.14%	3.001%
69	11.573	828	830	831	rVB	325783	367182	5.97%	0.415%
70	11.608	831	833	834	rBV2	153373	248391	4.04%	0.281%
71	11.733	842	844	846	rBV3	228930	339551	5.52%	0.384%

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72	11.779	846	848	850	rVV2	240632	301770	4.90%	0.341%
73	11.996	865	867	868	rBV	272665	296365	4.82%	0.335%
74	12.031	868	870	871	rVV	256579	298227	4.85%	0.337%
75	12.053	871	872	875	rBV	641490	922487	14.99%	1.043%
76	12.111	875	877	878	rBV	440909	457293	7.43%	0.517%
77	12.236	886	888	891	rBV3	504023	783544	12.73%	0.886%
78	12.351	897	898	900	rBV2	688543	748812	12.17%	0.847%
79	12.728	929	931	933	rVB	1818092	1886103	30.65%	2.132%
80	12.956	948	951	953	rVB	1998147	2543926	41.34%	2.876%
81	13.082	960	962	966	rVB	1885973	2764355	44.92%	3.125%
82	13.219	973	974	976	rBV	325659	306087	4.97%	0.346%
83	13.311	980	982	983	rBV	621333	609900	9.91%	0.690%
84	13.654	1010	1012	1014	rBV	625829	626010	10.17%	0.708%
85	13.974	1038	1040	1043	rVB2	883126	1201633	19.53%	1.359%
86	14.134	1051	1054	1056	rBV3	1242183	2411446	39.19%	2.726%
87	14.294	1066	1068	1070	rBV	658999	693242	11.27%	0.784%
88	14.602	1093	1095	1098	rBV3	613853	742191	12.06%	0.839%
89	14.911	1120	1122	1124	rBV	377902	435450	7.08%	0.492%
90	15.185	1144	1146	1150	rBV	795739	1635546	26.58%	1.849%
91	15.254	1150	1152	1154	rVB2	338600	431132	7.01%	0.487%
92	15.494	1171	1173	1176	rVB	507761	688818	11.19%	0.779%
93	15.562	1176	1179	1182	rVV	647384	1146271	18.63%	1.296%
94	15.620	1182	1184	1193	rVB3	617806	1667304	27.09%	1.885%
95	16.077	1221	1224	1227	rVB	270957	461887	7.51%	0.522%
96	16.317	1243	1245	1254	rVB2	374968	1135952	18.46%	1.284%
97	16.762	1281	1284	1291	rVB	358960	813719	13.22%	0.920%
98	17.094	1310	1313	1318	rVB2	315777	654740	10.64%	0.740%
99	17.540	1349	1352	1356	rVB	233569	527537	8.57%	0.596%
100	18.728	1453	1456	1469	rVB6	144694	624528	10.15%	0.706%

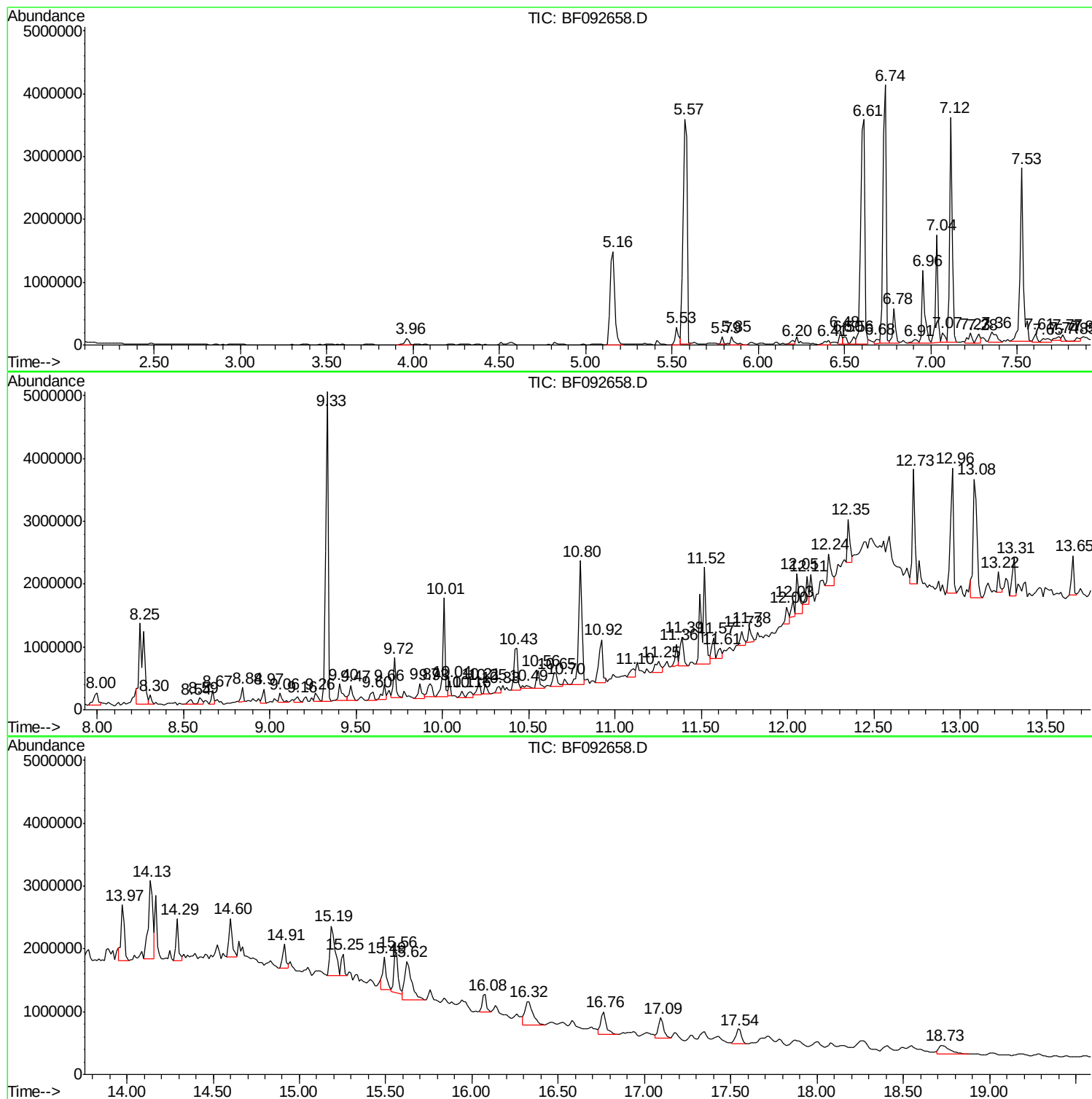
Sum of corrected areas: 88446416

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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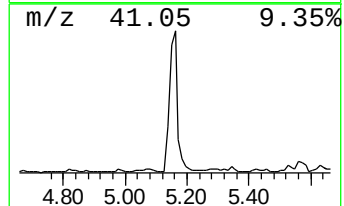
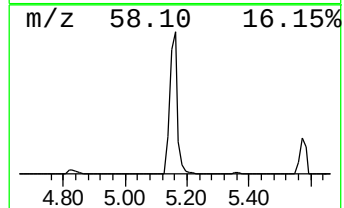
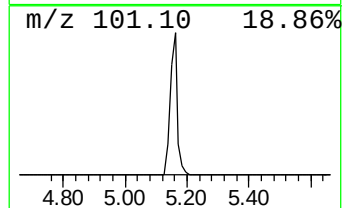
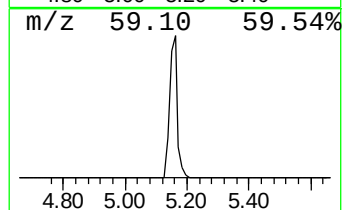
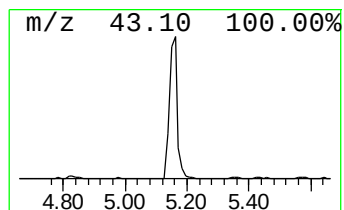
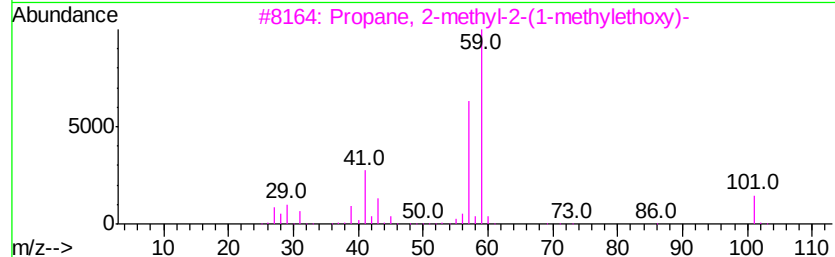
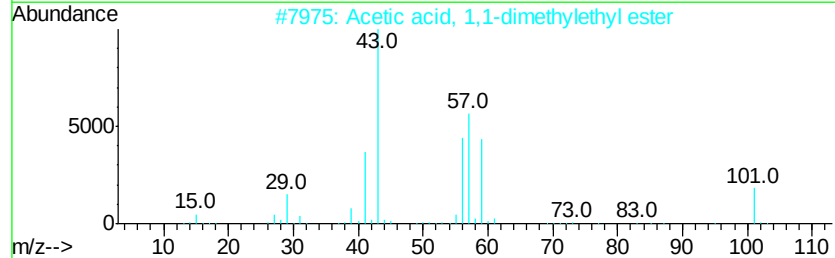
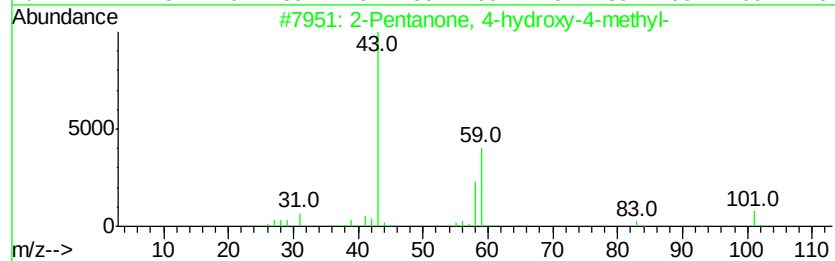
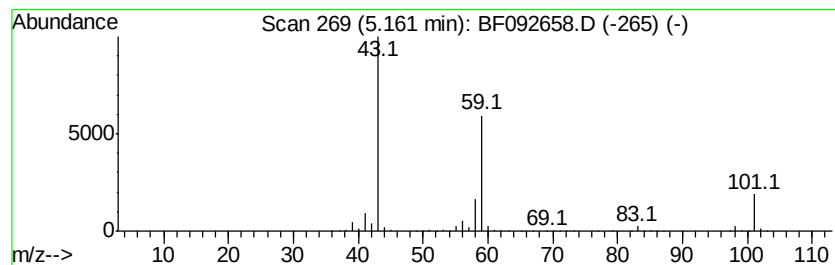
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.16	39.15 ng	2591880	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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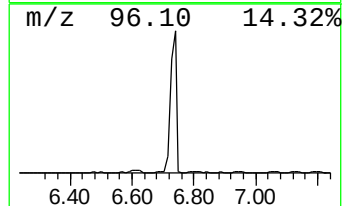
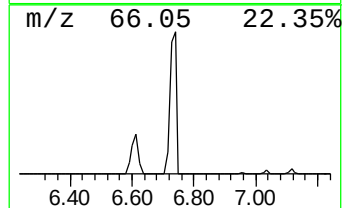
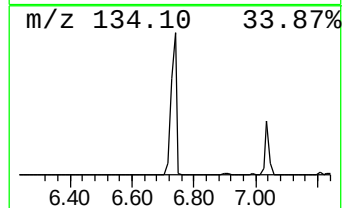
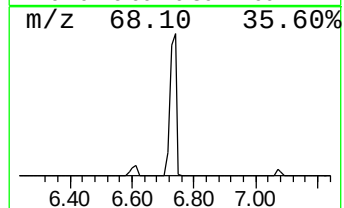
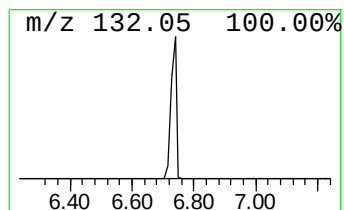
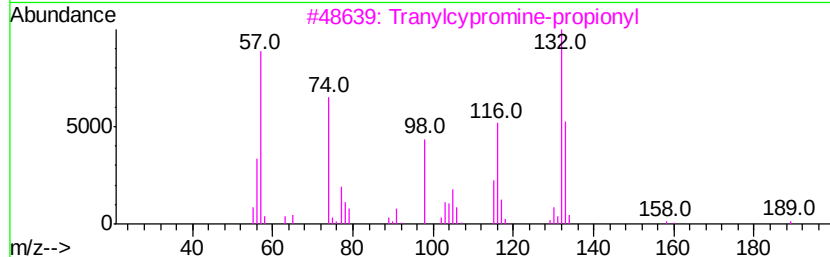
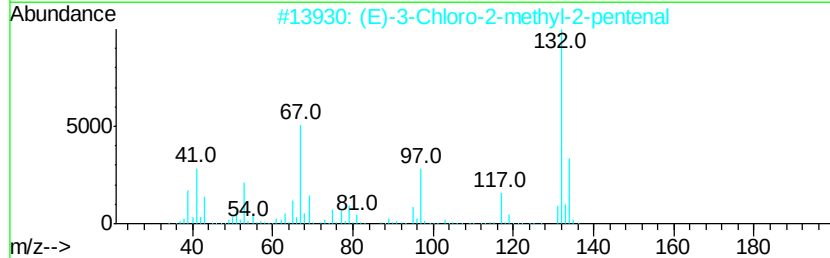
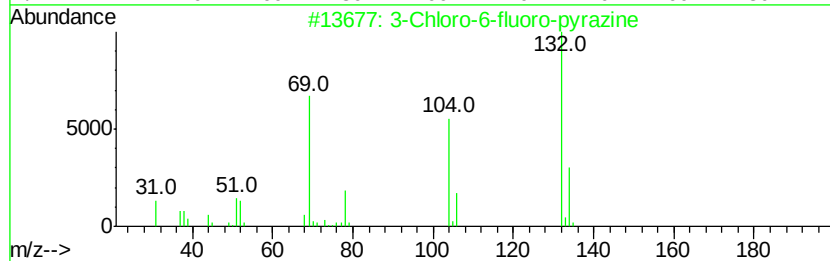
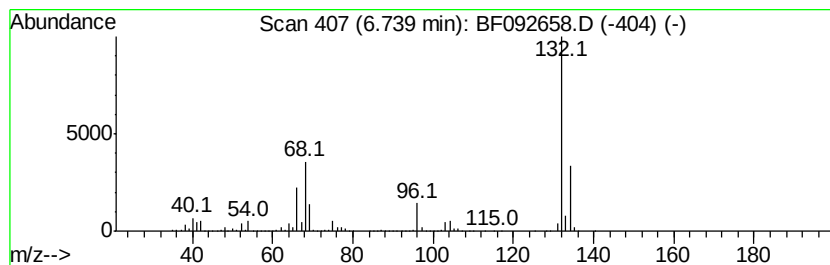
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	83.84 ng	5550950	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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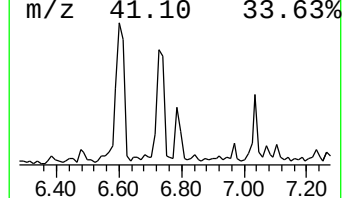
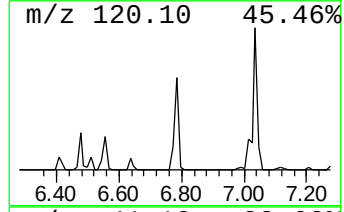
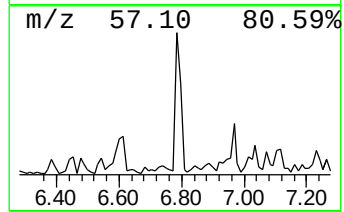
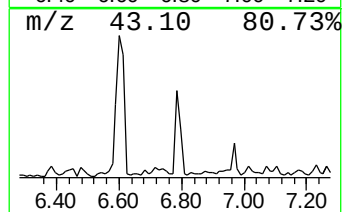
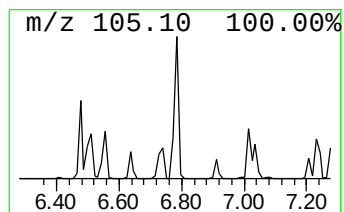
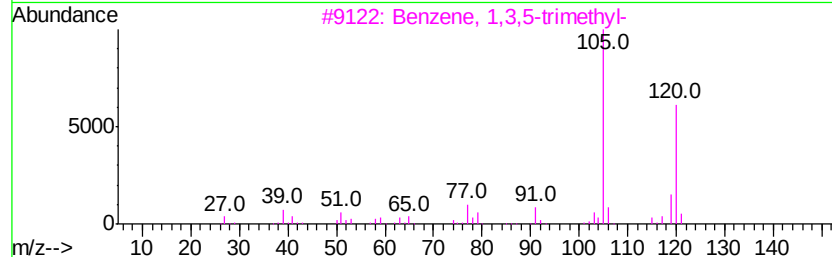
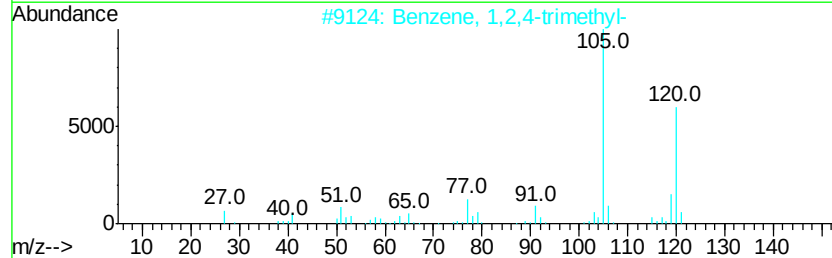
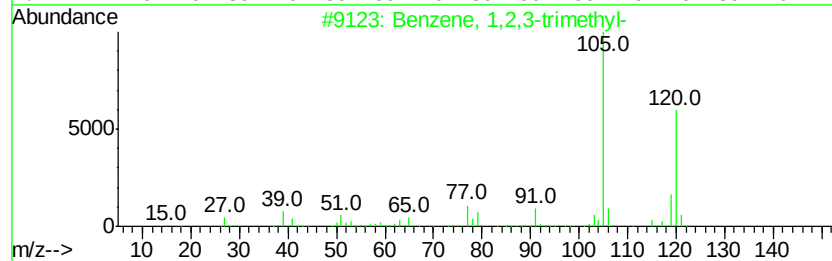
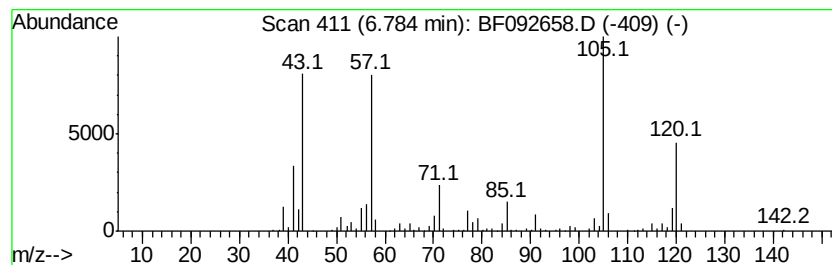
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	9.41 ng	623245	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	92
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	64
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092658.D
Acq On : 31 Jan 2017 2:33
Operator : SJ/MA
Sample : I1593-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2-6

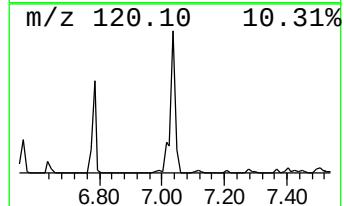
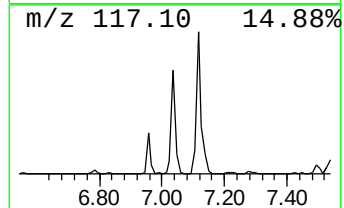
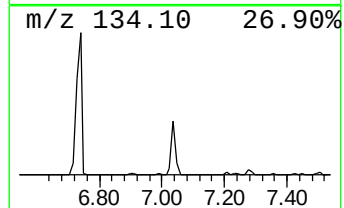
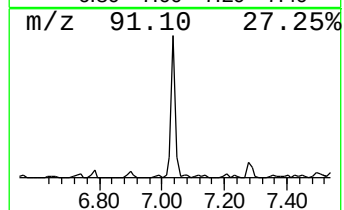
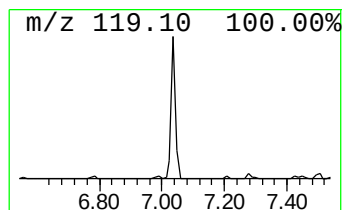
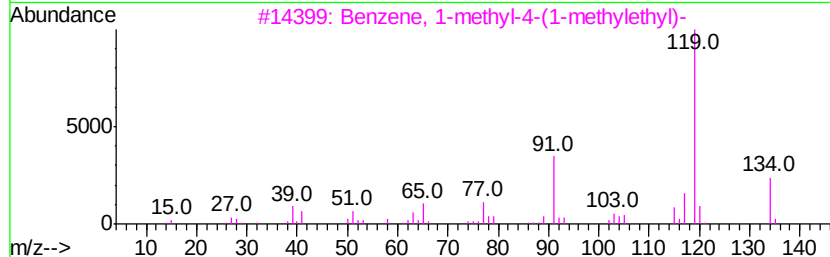
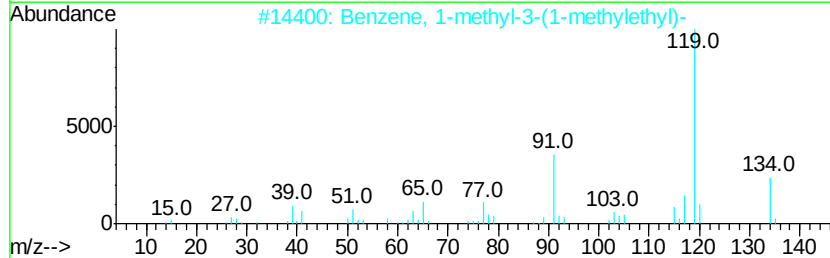
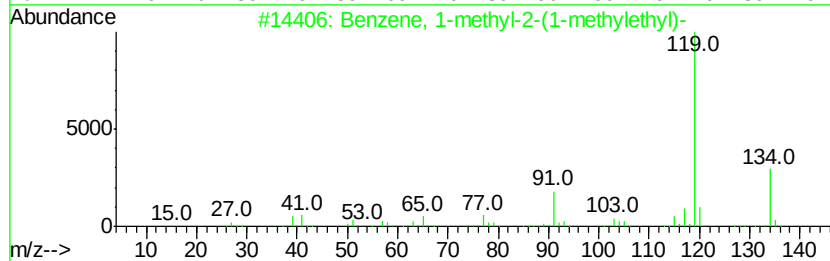
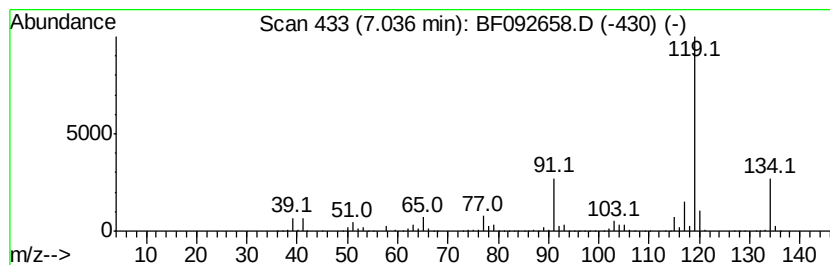
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	25.54 ng	1690820	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092658.D
Acq On : 31 Jan 2017 2:33
Operator : SJ/MA
Sample : I1593-03
Misc :
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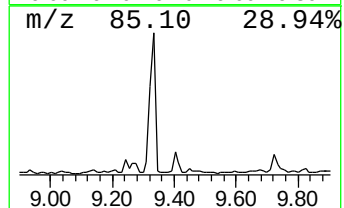
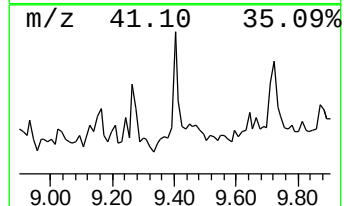
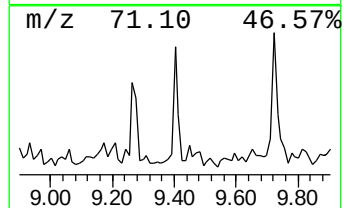
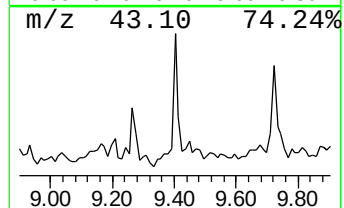
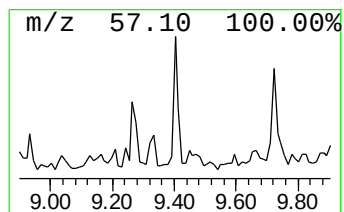
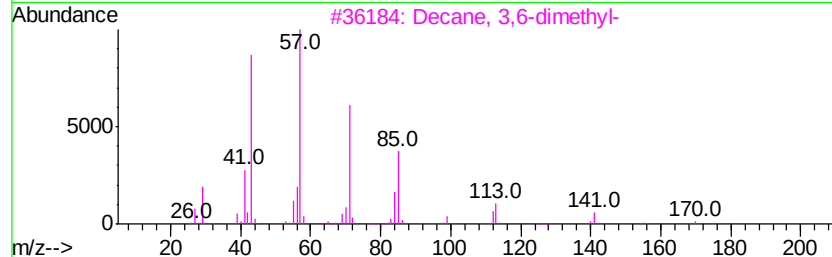
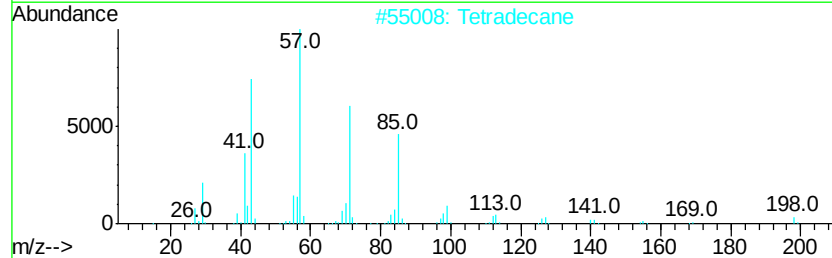
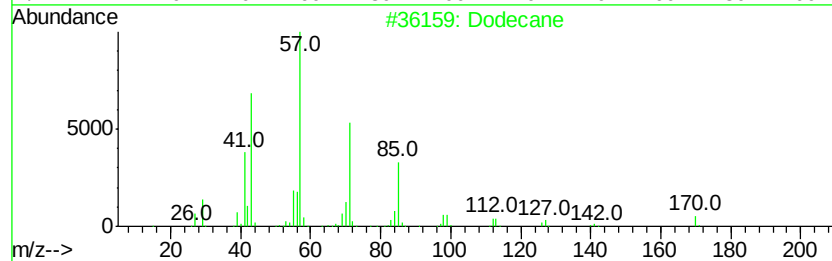
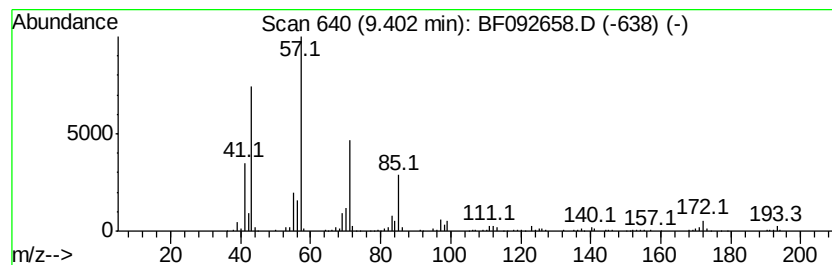
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	5.27 ng	413038	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	93
2		Tetradecane	198	C14H30	000629-59-4	86
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	80
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092658.D
Acq On : 31 Jan 2017 2:33
Operator : SJ/MA
Sample : I1593-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

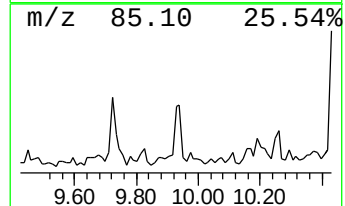
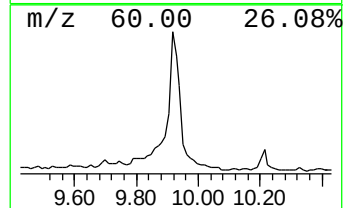
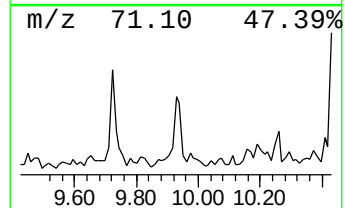
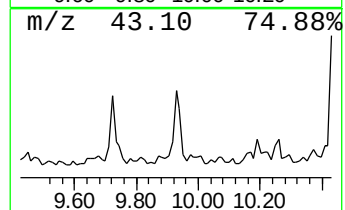
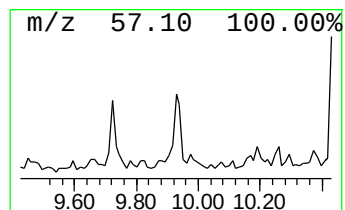
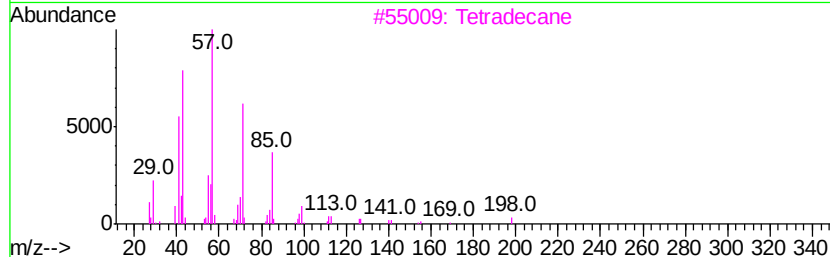
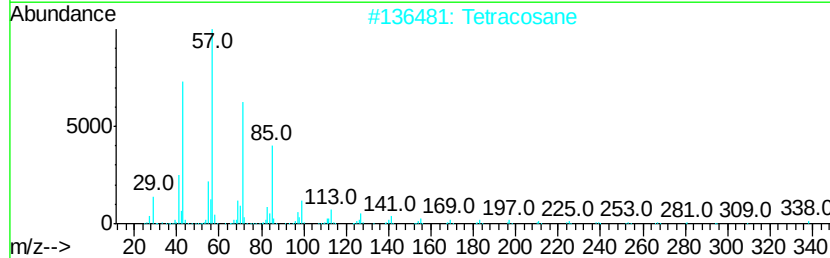
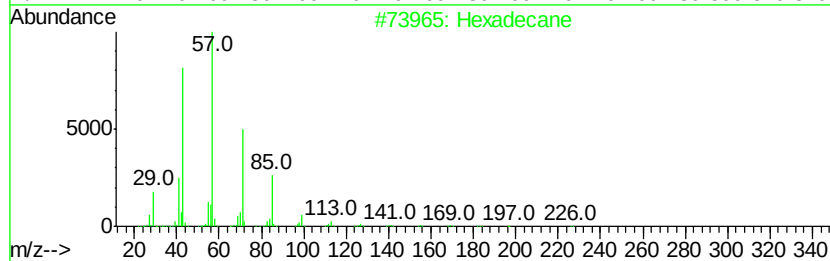
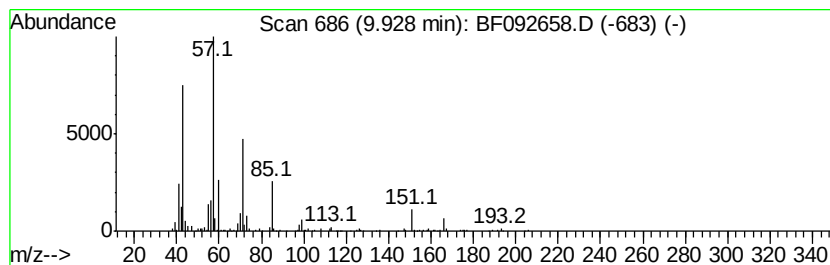
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.93	5.41 ng	423960	Acenaphthene-d10		10.01		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	58
2			Tetracosane	338	C24H50	000646-31-1	53
3			Tetradecane	198	C14H30	000629-59-4	53
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
5			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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Acq On : 31 Jan 2017 2:33
Operator : SJ/MA
Sample : I1593-03
Misc :
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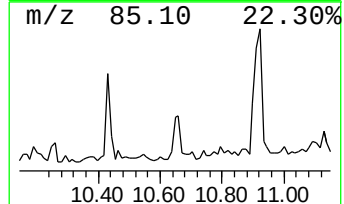
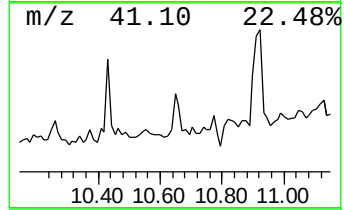
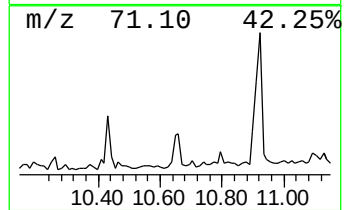
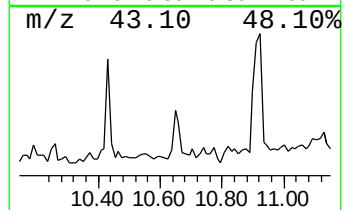
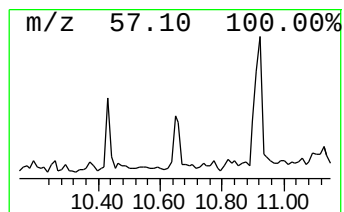
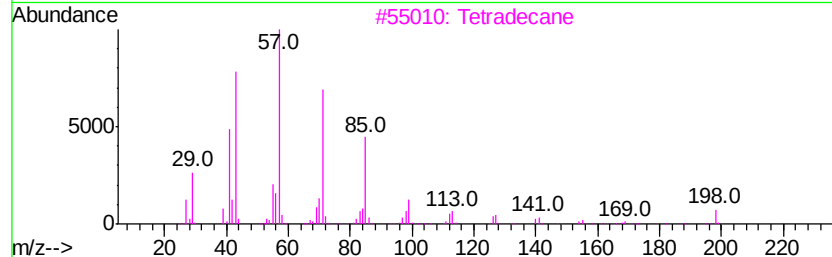
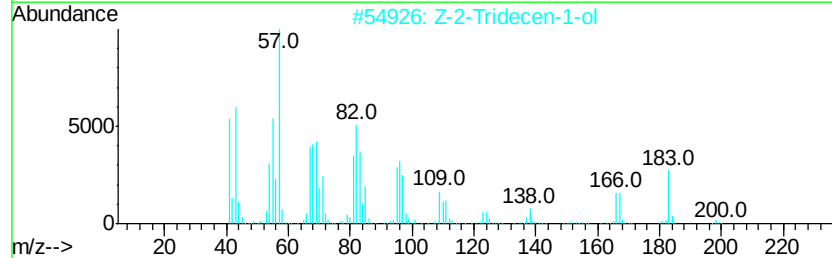
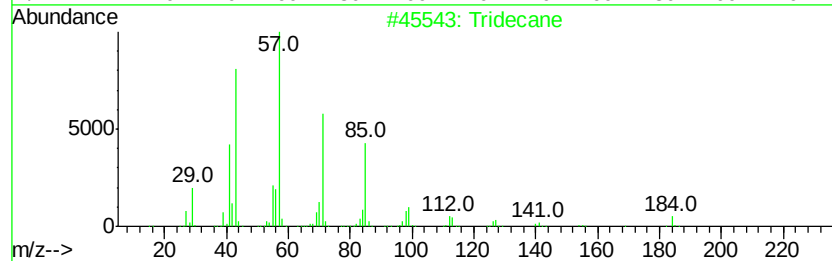
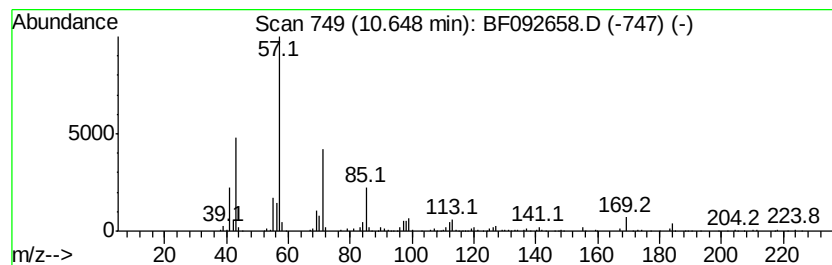
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.65	5.30 ng	415682	Acenaphthene-d10		10.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	83
3	Tetradecane	198	C14H30	000629-59-4	72
4	Hexadecane	226	C16H34	000544-76-3	70
5	Octacosane	394	C28H58	000630-02-4	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
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Acq On : 31 Jan 2017 2:33
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Sample : I1593-03
Misc :
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ClientSampleId :
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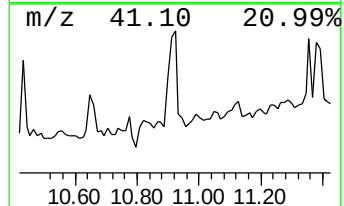
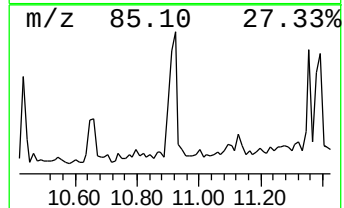
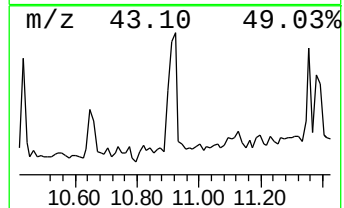
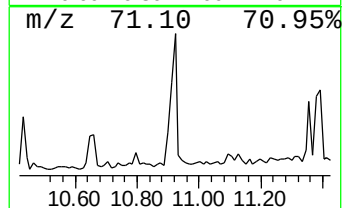
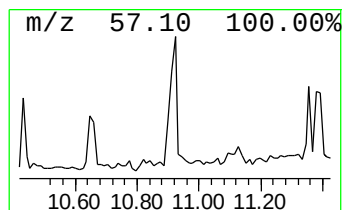
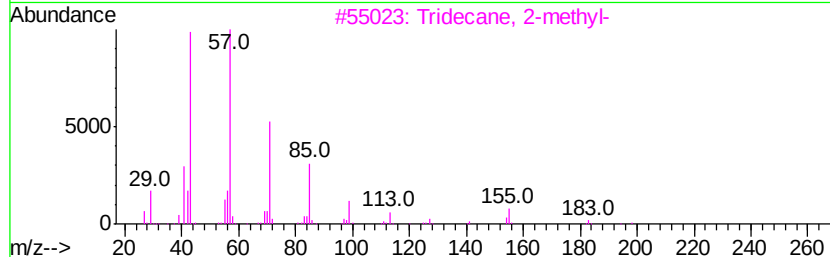
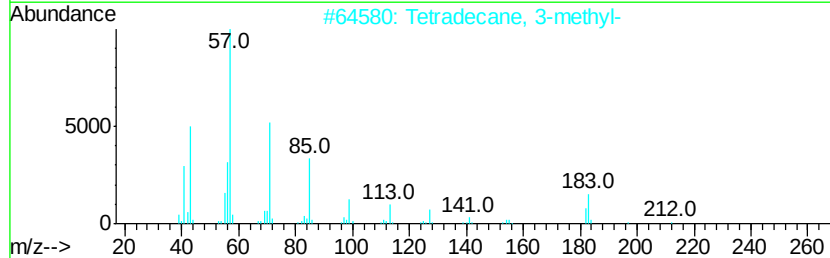
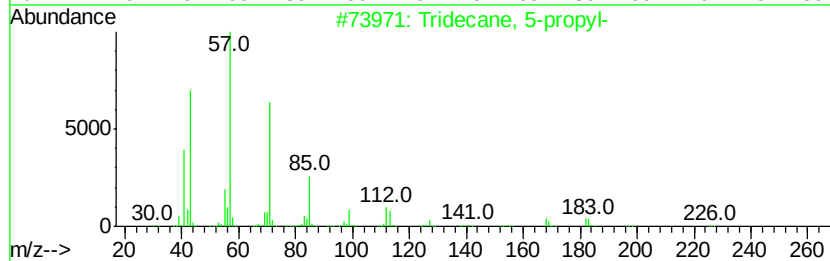
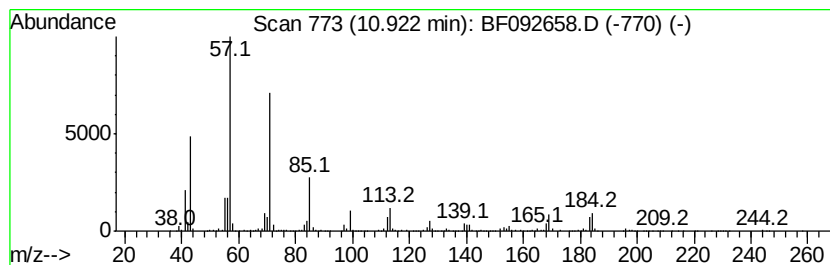
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 5-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	8.27 ng	1098210	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
2		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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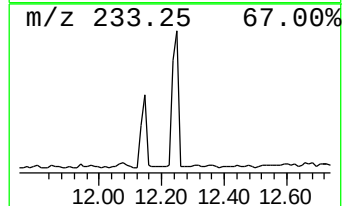
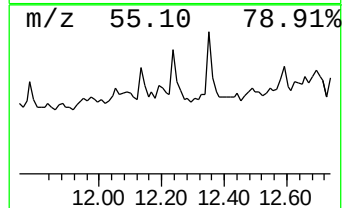
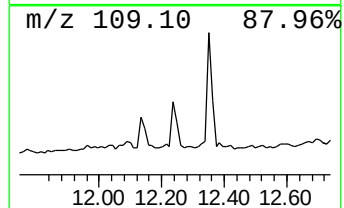
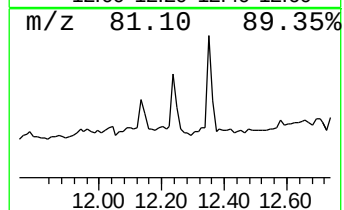
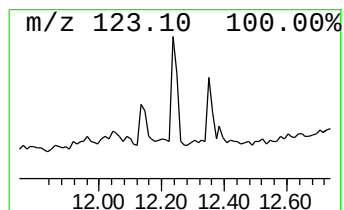
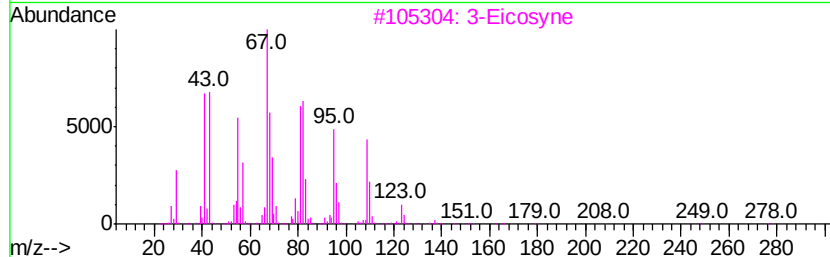
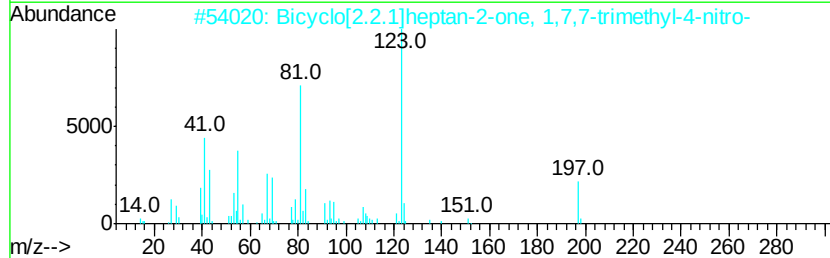
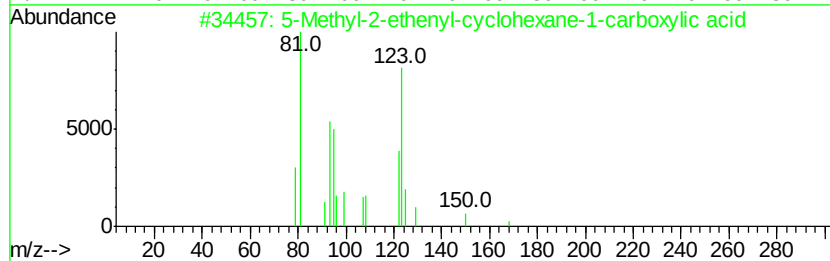
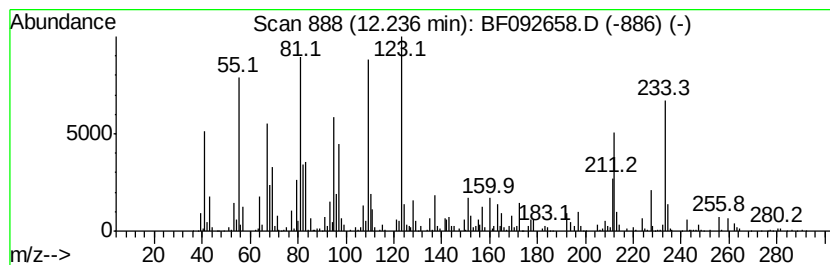
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.24 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.24	5.90 ng	783544	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	38
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	197	C10H15NO3	055784-71-9	30
3	3-Eicosyne	278	C20H38	061886-66-6	30
4	Cyclohexene, 6-butyl-1-nitro-	183	C10H17NO2	084820-13-3	25
5	Z,E-7,11-Hexadecadien-1-yl acetate	280	C18H32O2	051607-94-4	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
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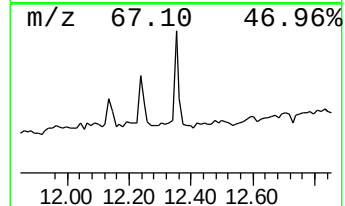
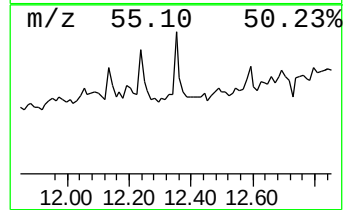
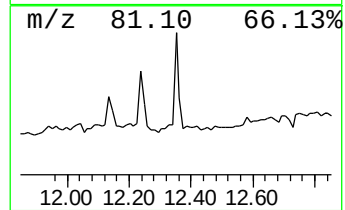
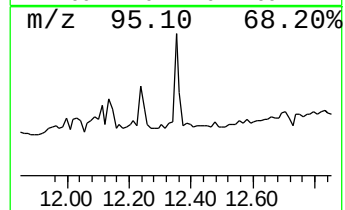
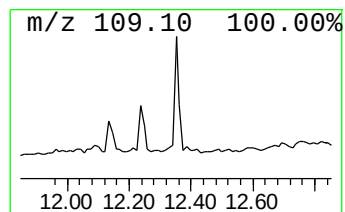
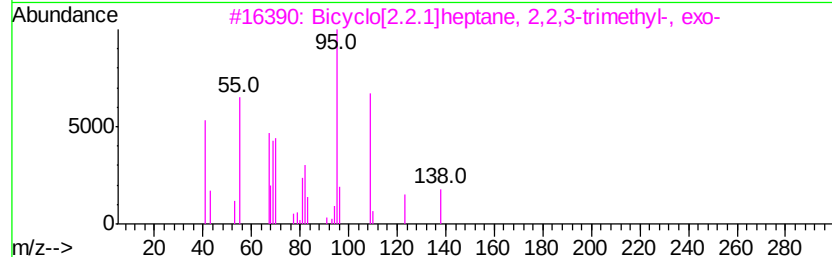
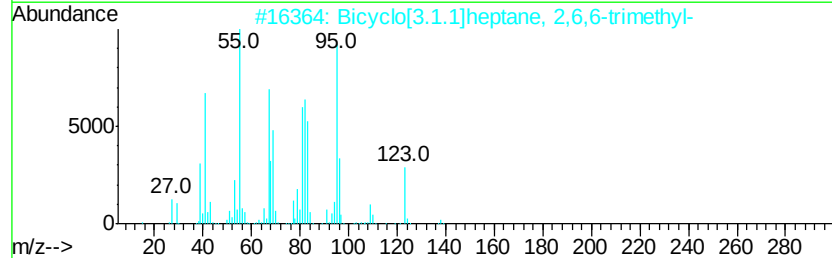
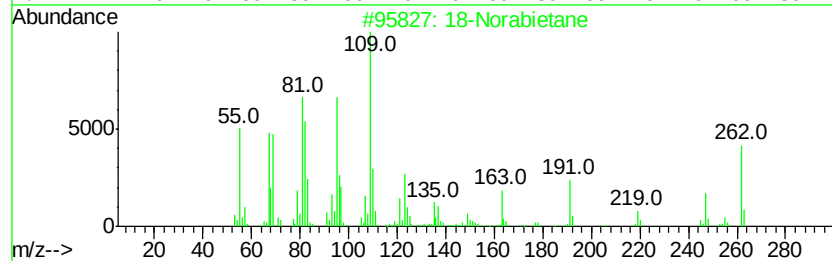
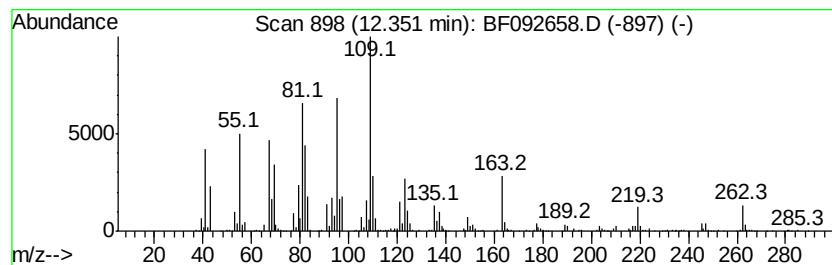
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 18-Norabietane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.35	5.64 ng	748812	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	64
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	43
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	43
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	43
5	Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092658.D
Acq On : 31 Jan 2017 2:33
Operator : SJ/MA
Sample : I1593-03
Misc :
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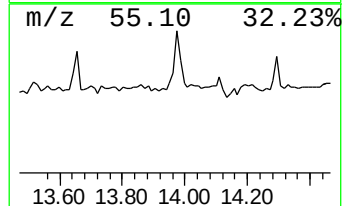
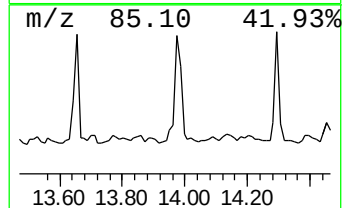
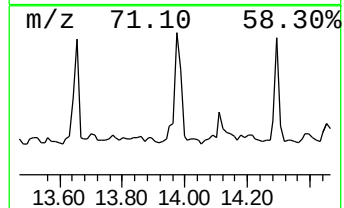
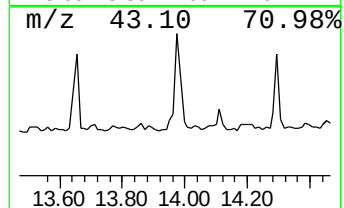
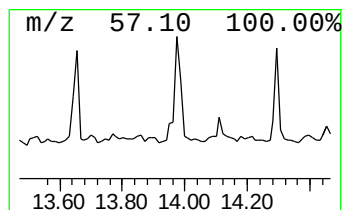
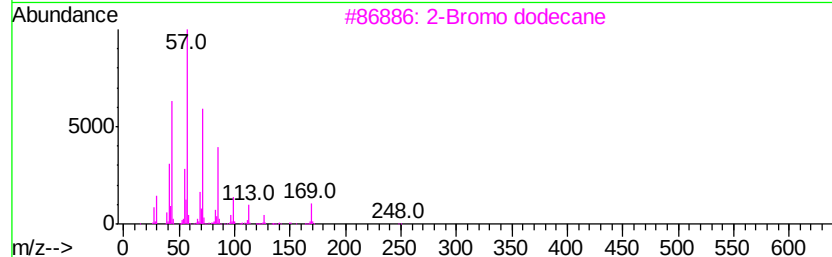
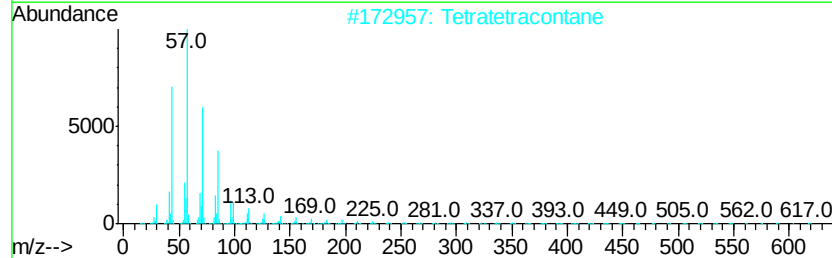
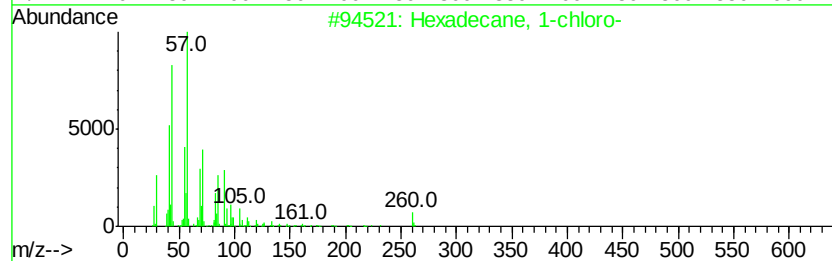
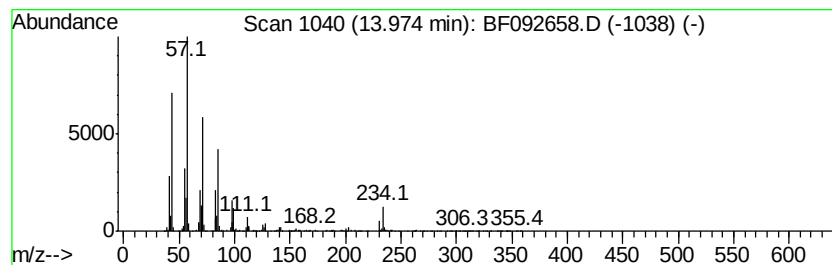
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.97	9.97 ng	1201630	Chrysene-d12	14.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	87
2	Tetratetracontane	619	C44H90	007098-22-8	80
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	70
4	10-Methylnonadecane	282	C20H42	056862-62-5	64
5	Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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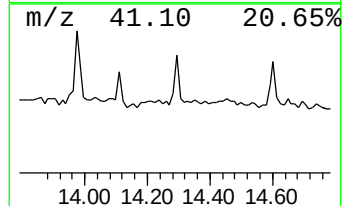
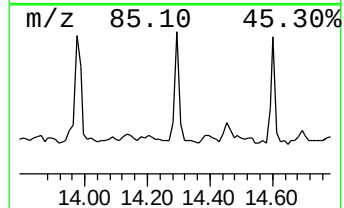
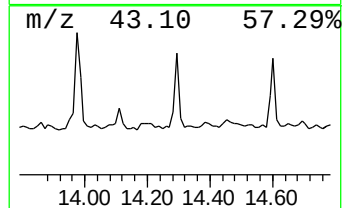
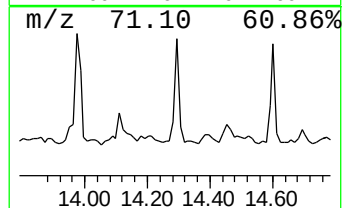
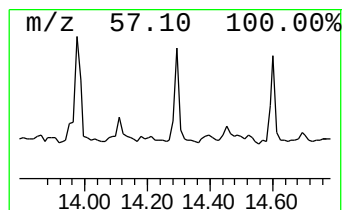
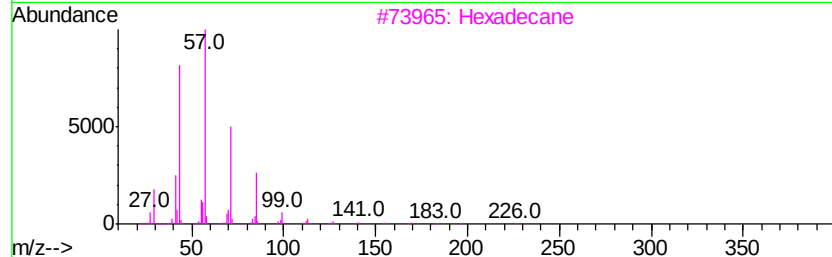
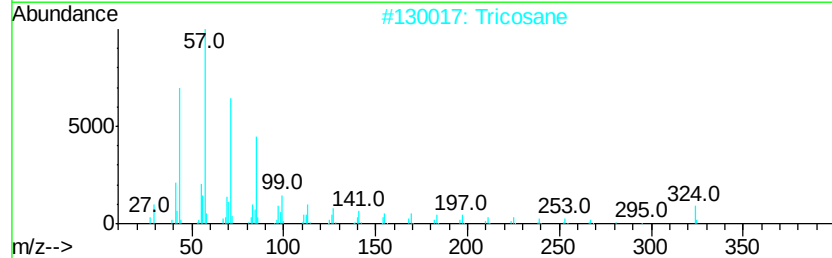
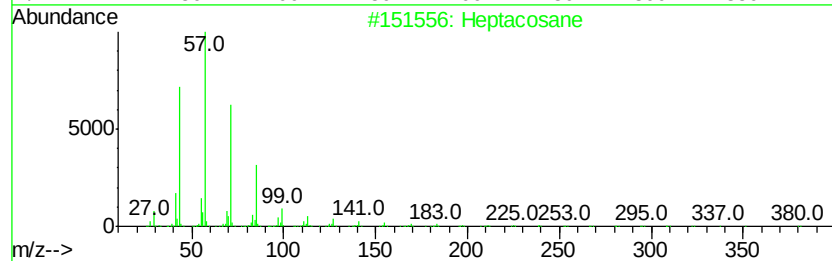
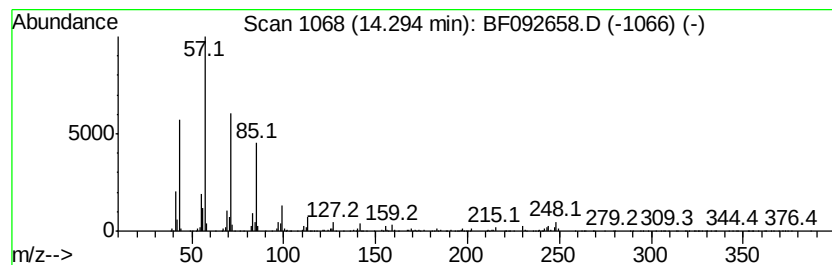
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.29	5.75 ng	693242	Chrysene-d12		14.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Tricosane	324	C23H48	000638-67-5	87
3	Hexadecane	226	C16H34	000544-76-3	80
4	Docosane	310	C22H46	000629-97-0	80
5	Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
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Acq On : 31 Jan 2017 2:33
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Sample : I1593-03
Misc :
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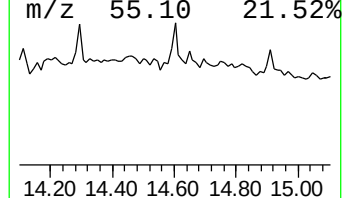
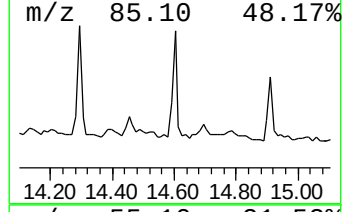
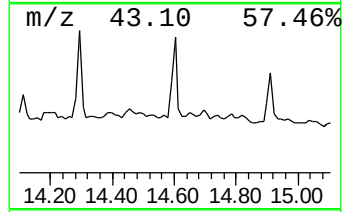
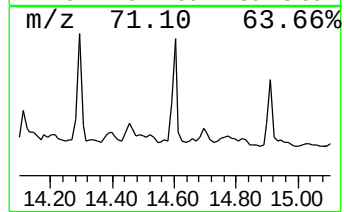
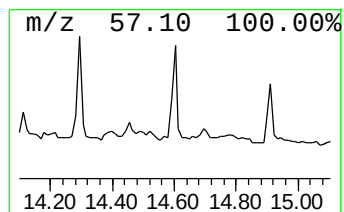
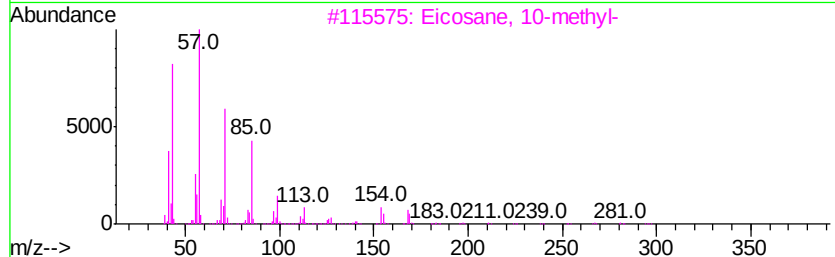
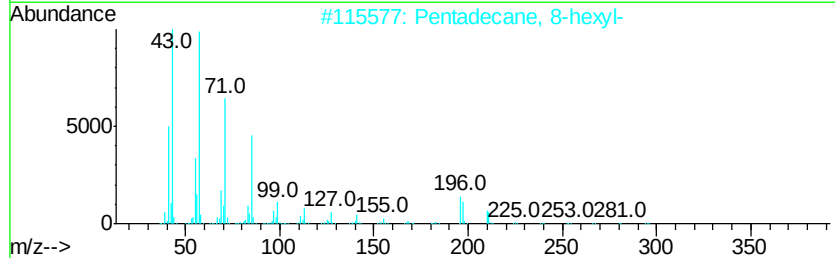
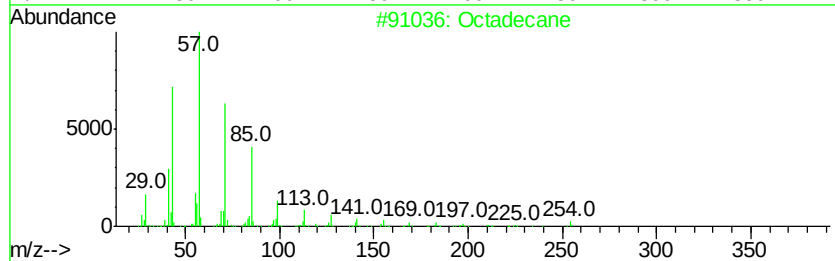
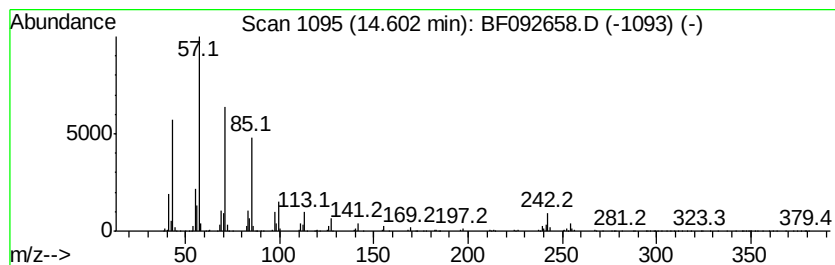
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	6.16 ng	742191	Chrysene-d12	14.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	93
2	Pentadecane, 8-hexyl-	296 C21H44	013475-75-7	91
3	Eicosane, 10-methyl-	296 C21H44	054833-23-7	91
4	Tetradecane, 2,6,10-trimethyl-	240 C17H36	014905-56-7	83
5	Heneicosane	296 C21H44	000629-94-7	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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Acq On : 31 Jan 2017 2:33
Operator : SJ/MA
Sample : I1593-03
Misc :
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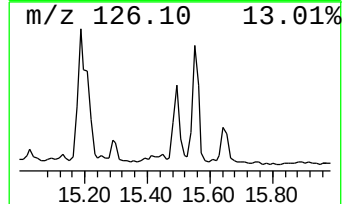
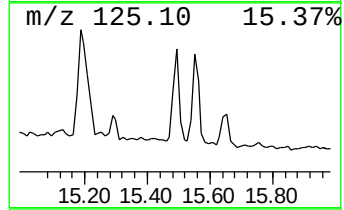
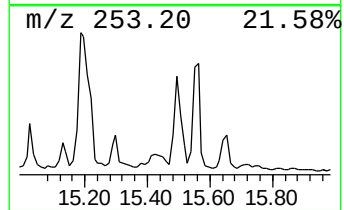
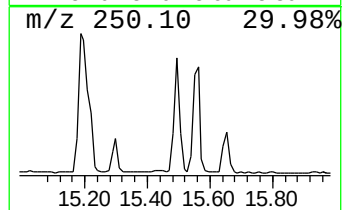
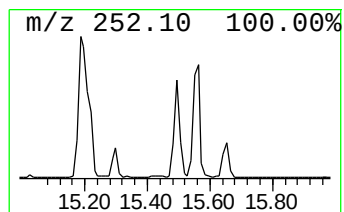
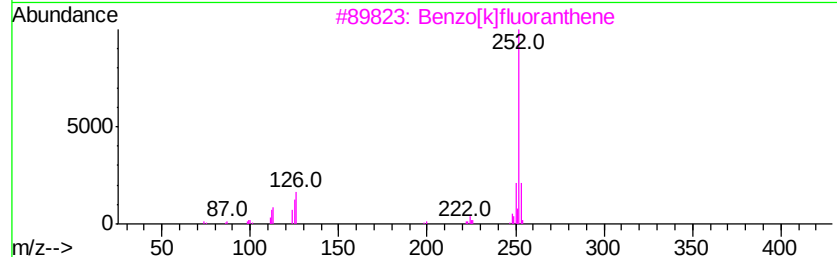
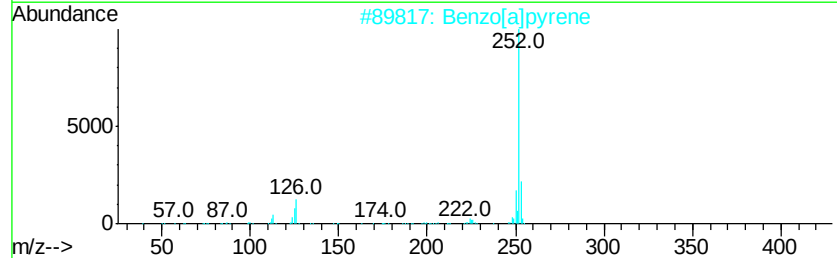
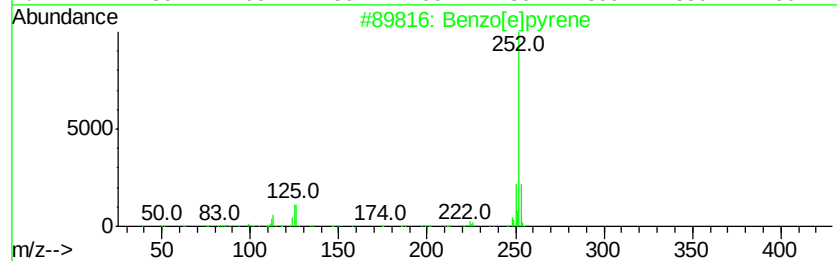
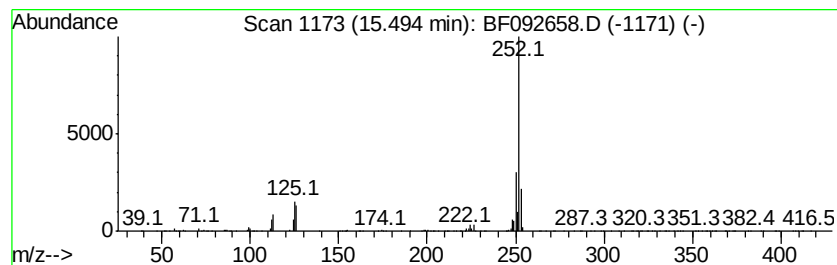
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	8.26 ng	688818	Perylene-d12	15.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 98
2		Benzo[a]pyrene	252 C20H12	000050-32-8 93
3		Benzo[k]fluoranthene	252 C20H12	000207-08-9 93
4		Perylene	252 C20H12	000198-55-0 91
5		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092658.D
Acq On : 31 Jan 2017 2:33
Operator : SJ/MA
Sample : I1593-03
Misc :
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Instrument :
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ClientSampleId :
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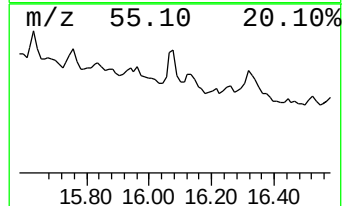
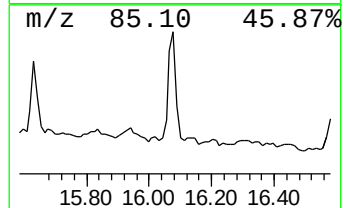
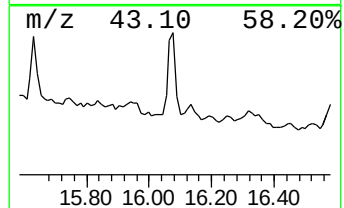
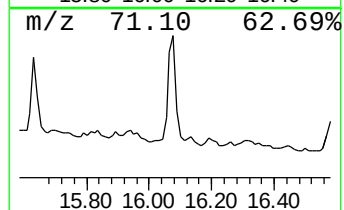
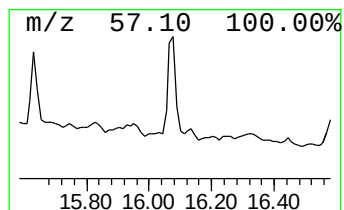
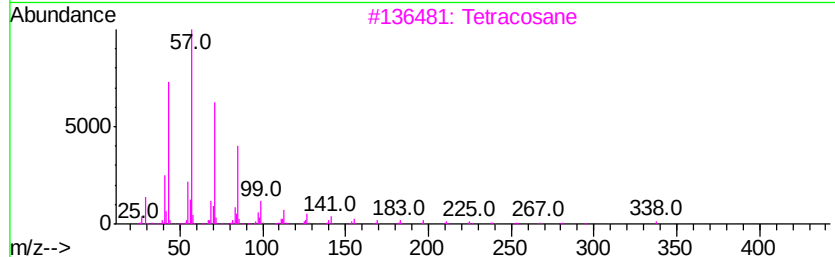
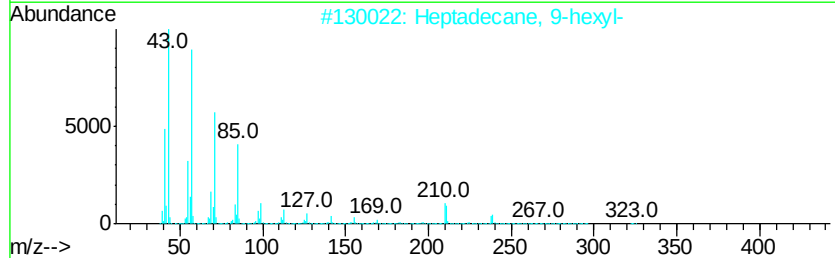
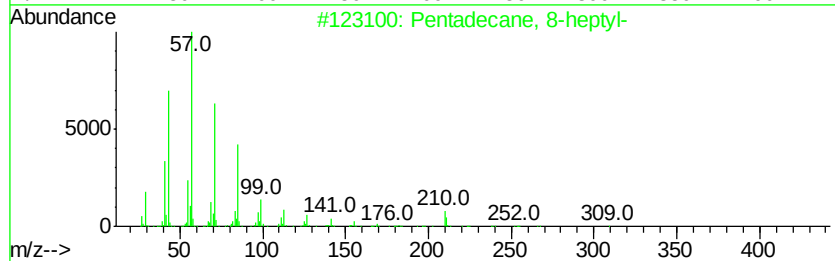
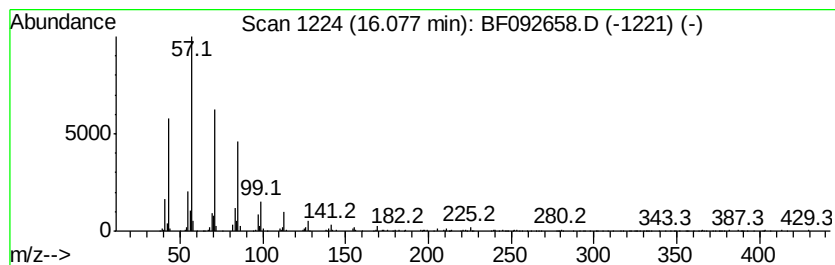
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 8-heptyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	5.54 ng	461887	Perylene-d12	15.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
2			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	87
3			Tetracosane	338	C24H50	000646-31-1	87
4			Heptacosane	380	C27H56	000593-49-7	87
5			Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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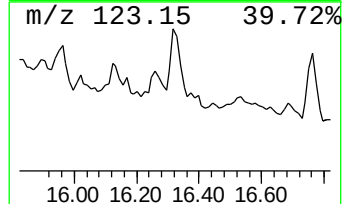
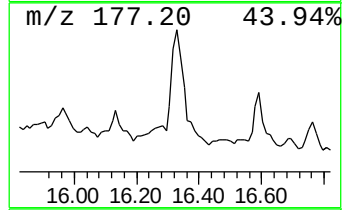
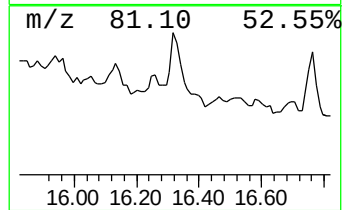
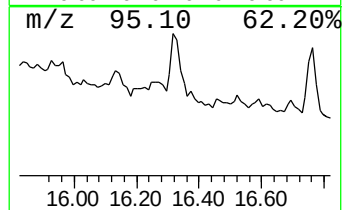
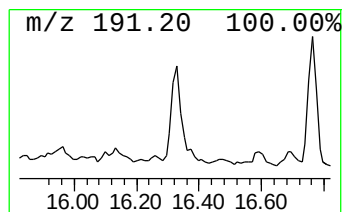
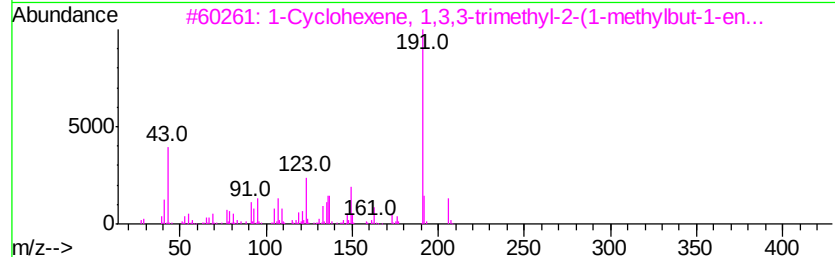
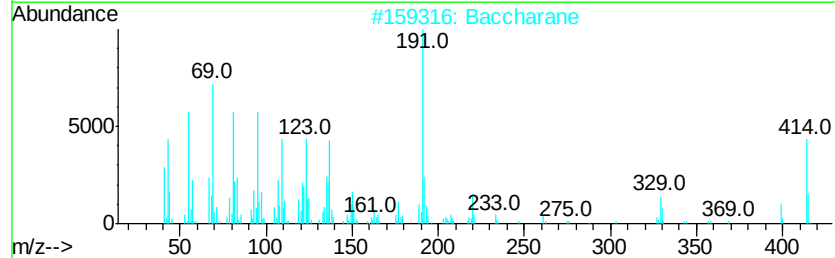
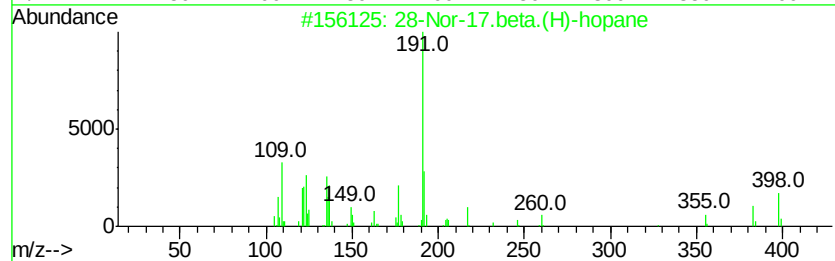
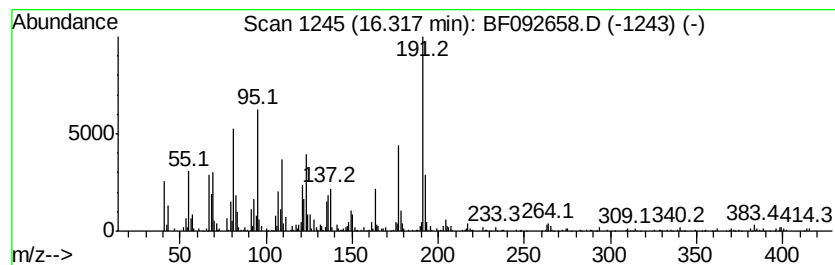
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 28-Nor-17.beta.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	13.63 ng	1135950	Perylene-d12	15.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0 81
2		Baccharane	414 C30H54	036441-74-4 58
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4 32
4		1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314 C21H30O2	039707-55-6 32
5		2H-1,2,3-Triazole-4-carboxaldehy...	191 C9H6FN3O	051306-43-5 25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092658.D
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Sample : I1593-03
Misc :
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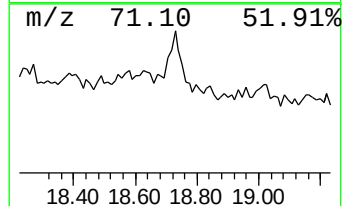
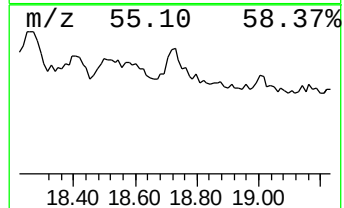
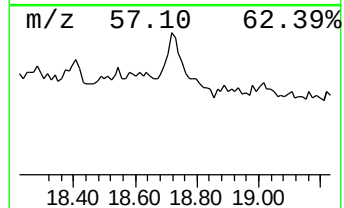
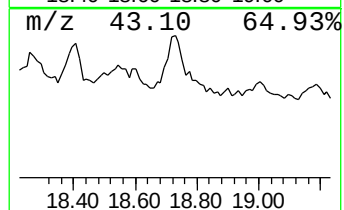
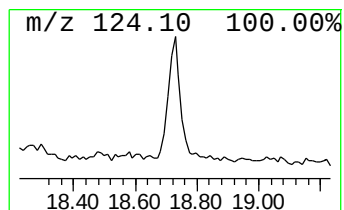
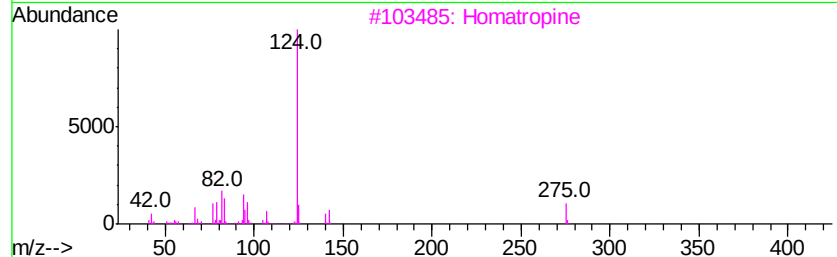
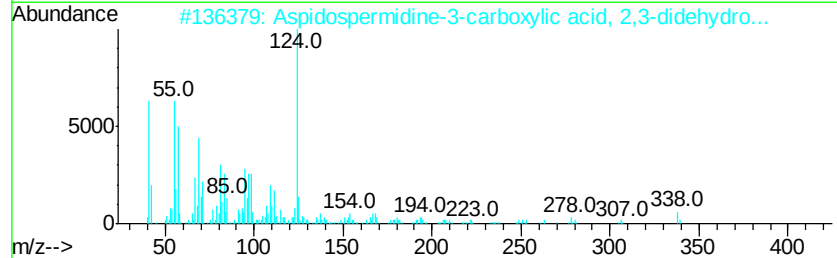
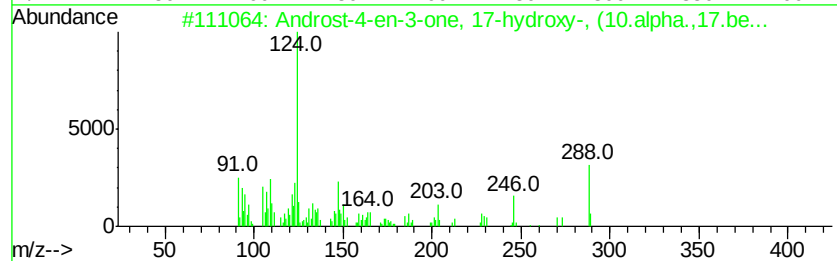
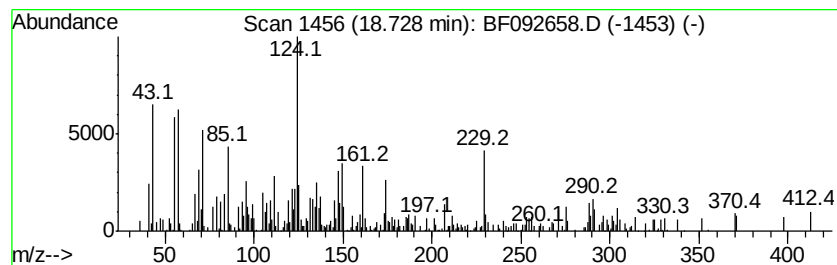
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Androst-4-en-3-one, 17-hydr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	7.49 ng	624528	Perylene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	64
2		Aspidospermidine-3-carboxylic ac...	338	C21H26N2O2	003247-10-7	30
3		Homatropine	275	C16H21NO3	000087-00-3	30
4		Phosphonic acid, 2-phenylethenyl...	290	C15H15O4P	330855-58-8	27
5		Testosterone	288	C19H28O2	000058-22-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092658.D
 Acq On : 31 Jan 2017 2:33
 Operator : SJ/MA
 Sample : I1593-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.16	39.1 ng		2591880	1	6.96	1324140	20.0
unknown6.74	6.74	83.8 ng		5550950	1	6.96	1324140	20.0
Benzene, 1,2,3-tr...	6.78	9.4 ng		623245	1	6.96	1324140	20.0
Benzene, 1-methyl...	7.04	25.5 ng		1690820	1	6.96	1324140	20.0
Dodecane	9.40	5.3 ng		413038	3	10.01	1567170	20.0
Hexadecane	9.93	5.4 ng		423960	3	10.01	1567170	20.0
Tridecane	10.65	5.3 ng		415682	3	10.01	1567170	20.0
Tridecane, 5-propyl-	10.92	8.3 ng		1098210	4	11.49	2654650	20.0
unknown12.24	12.24	5.9 ng		783544	4	11.49	2654650	20.0
18-Norabietane	12.35	5.6 ng		748812	4	11.49	2654650	20.0
Hexadecane, 1-chl...	13.97	10.0 ng		1201630	5	14.15	2411450	20.0
Heptacosane	14.29	5.8 ng		693242	5	14.15	2411450	20.0
Octadecane	14.60	6.2 ng		742191	5	14.15	2411450	20.0
Benzo[e]pyrene	15.49	8.3 ng		688818	6	15.62	1667300	20.0
Pentadecane, 8-he...	16.08	5.5 ng		461887	6	15.62	1667300	20.0
28-Nor-17.beta.(H...	16.32	13.6 ng		1135950	6	15.62	1667300	20.0
Androst-4-en-3-on...	18.73	7.5 ng		624528	6	15.62	1667300	20.0