

Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083825.D
 Acq On : 15 Dec 2015 18:23
 Operator : UM/IZ
 Sample : G4739-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K201-0-2

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-BF121315.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	2.178	5	8	14	rVB2	28699	53945	1.85%	0.128%
2	5.093	260	263	272	rBV	535394	806881	27.64%	1.908%
3	5.482	295	297	298	rBV	43410	68380	2.34%	0.162%
4	5.516	298	300	303	rVB	2110654	2257380	77.33%	5.338%
5	5.733	316	319	324	rBV2	158613	251371	8.61%	0.594%
6	6.179	357	358	360	rVB	92375	111225	3.81%	0.263%
7	6.362	369	374	375	rBV2	28992	50771	1.74%	0.120%
8	6.442	379	381	384	rVV2	30904	64076	2.20%	0.152%
9	6.545	387	390	392	rVV	2311534	2919107	100.00%	6.903%
10	6.613	392	396	399	rVV4	33323	82363	2.82%	0.195%
11	6.670	399	401	404	rVV	2112214	2452631	84.02%	5.800%
12	6.739	404	407	409	rVV3	268844	369329	12.65%	0.873%
13	6.785	409	411	415	rVV	110446	145258	4.98%	0.344%
14	6.899	419	421	424	rVV	564253	595682	20.41%	1.409%
15	7.059	433	435	438	rVV	2012163	1935515	66.31%	4.577%
16	7.162	442	444	448	rVB2	78714	136942	4.69%	0.324%
17	7.230	448	450	454	rBV3	28235	63657	2.18%	0.151%
18	7.310	454	457	458	rBV3	34346	52343	1.79%	0.124%
19	7.470	467	471	473	rBV	1329216	1758963	60.26%	4.160%
20	7.516	473	475	477	rVV2	97049	142935	4.90%	0.338%
21	7.562	477	479	482	rVB2	63205	97505	3.34%	0.231%
22	7.767	494	497	499	rVB	209745	300358	10.29%	0.710%
23	7.939	508	512	514	rBV3	101976	168547	5.77%	0.399%
24	7.985	514	516	521	rVB3	59295	138072	4.73%	0.327%
25	8.190	531	534	538	rVV2	800964	1063472	36.43%	2.515%
26	8.408	550	553	555	rBV	244773	223516	7.66%	0.529%
27	8.465	555	558	560	rBV	362338	309299	10.60%	0.731%
28	8.613	570	571	573	rBV	51876	76010	2.60%	0.180%
29	8.762	581	584	585	rBV2	32116	68108	2.33%	0.161%
30	8.785	585	586	588	rVB2	84580	94699	3.24%	0.224%
31	8.899	593	596	598	rVB	291103	282777	9.69%	0.669%
32	8.968	598	602	603	rBV2	67643	96129	3.29%	0.227%
33	9.002	603	605	607	rBV	217701	201014	6.89%	0.475%
34	9.070	609	611	615	rBV3	47479	114365	3.92%	0.270%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.139	615	617	619	rVB2	48522	54317	1.86%	0.128%
36	9.185	619	621	623	rBV	100588	99807	3.42%	0.236%
37	9.219	623	624	626	rBV2	52071	85201	2.92%	0.201%
38	9.265	626	628	630	rVB	2667657	2421692	82.96%	5.727%
39	9.356	633	636	638	rBV2	122815	166191	5.69%	0.393%
40	9.390	638	639	641	rBV	106221	107073	3.67%	0.253%
41	9.459	644	645	648	rVB	57379	71736	2.46%	0.170%
42	9.528	648	651	653	rBV2	95981	147099	5.04%	0.348%
43	9.608	656	658	661	rBV2	130006	292143	10.01%	0.691%
44	9.653	661	662	665	rVB2	433354	528822	18.12%	1.251%
45	9.722	665	668	670	rVB	54051	77531	2.66%	0.183%
46	9.802	673	675	677	rBV	356452	313672	10.75%	0.742%
47	9.882	681	682	684	rBV	192502	143690	4.92%	0.340%
48	9.939	685	687	689	rVB	643677	651965	22.33%	1.542%
49	9.973	689	690	694	rVB2	100562	134232	4.60%	0.317%
50	10.053	694	697	699	rBV	39920	71560	2.45%	0.169%
51	10.111	699	702	703	rBV3	35271	68057	2.33%	0.161%
52	10.145	703	705	707	rVB	116402	95323	3.27%	0.225%
53	10.259	713	715	716	rBV2	56036	82763	2.84%	0.196%
54	10.351	720	723	724	rBV2	81468	113448	3.89%	0.268%
55	10.385	724	726	728	rVB2	116094	154414	5.29%	0.365%
56	10.488	733	735	738	rVB2	93881	143464	4.91%	0.339%
57	10.556	738	741	742	rBV	175798	205167	7.03%	0.485%
58	10.602	742	745	747	rBV	107636	121830	4.17%	0.288%
59	10.648	747	749	754	rBV4	80968	125067	4.28%	0.296%
60	10.728	754	756	758	rBV	1367759	1339822	45.90%	3.168%
61	10.774	758	760	762	rVB	66956	69612	2.38%	0.165%
62	10.854	765	767	771	rVV2	245437	360079	12.34%	0.852%
63	11.231	798	800	802	rVB	74371	79738	2.73%	0.189%
64	11.299	802	806	807	rBV2	139617	200269	6.86%	0.474%
65	11.334	807	809	811	rVB2	125157	174249	5.97%	0.412%
66	11.425	815	817	818	rBV	676528	634109	21.72%	1.500%
67	11.448	818	819	821	rVV	756212	611810	20.96%	1.447%
68	11.494	821	823	825	rVB	158813	231887	7.94%	0.548%
69	11.722	841	843	845	rBV2	67402	65800	2.25%	0.156%
70	11.928	859	861	862	rBV	196144	179924	6.16%	0.425%
71	11.951	862	863	865	rVV	225347	277308	9.50%	0.656%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	11.996	865	867	869	rVV2	74379	102424	3.51%	0.242%
73	12.042	869	871	875	rVB2	233149	446739	15.30%	1.056%
74	12.134	878	879	880	rVB	93394	65301	2.24%	0.154%
75	12.225	885	887	888	rBV	92966	106055	3.63%	0.251%
76	12.477	907	909	911	rBV	238716	267146	9.15%	0.632%
77	12.637	921	923	925	rVB	1144246	1152703	39.49%	2.726%
78	12.682	925	927	930	rVB3	58438	109251	3.74%	0.258%
79	12.865	940	943	947	rBV	1181213	1453713	49.80%	3.438%
80	13.014	954	956	958	rVB	1867815	1814208	62.15%	4.290%
81	13.082	960	962	966	rBV4	153638	327529	11.22%	0.775%
82	13.197	968	972	974	rVB	214226	365094	12.51%	0.863%
83	13.299	979	981	985	rVB	232290	279514	9.58%	0.661%
84	13.391	987	989	990	rVB	177824	135448	4.64%	0.320%
85	13.425	990	992	994	rBV	140167	143629	4.92%	0.340%
86	13.459	994	995	996	rBV	80924	62068	2.13%	0.147%
87	13.700	1014	1016	1019	rVB	149994	212706	7.29%	0.503%
88	13.802	1023	1025	1027	rBV2	143615	269311	9.23%	0.637%
89	13.905	1032	1034	1038	rVB3	264728	401260	13.75%	0.949%
90	14.054	1044	1047	1049	rBV2	971360	1530407	52.43%	3.619%
91	14.534	1087	1089	1091	rBV2	154279	219599	7.52%	0.519%
92	14.980	1126	1128	1131	rVB4	176927	252190	8.64%	0.596%
93	15.094	1135	1138	1142	rVV	505965	937928	32.13%	2.218%
94	15.197	1143	1147	1150	rVB2	501519	947475	32.46%	2.241%
95	15.391	1161	1164	1167	rVB	316253	439568	15.06%	1.039%
96	15.448	1167	1169	1172	rBV	423651	509305	17.45%	1.204%
97	15.505	1172	1174	1176	rBV	230760	342865	11.75%	0.811%
98	15.974	1213	1215	1218	rBV	214650	345571	11.84%	0.817%
99	16.946	1297	1300	1305	rVB2	204322	422530	14.47%	0.999%
100	17.380	1335	1338	1347	rVB	170575	372273	12.75%	0.880%

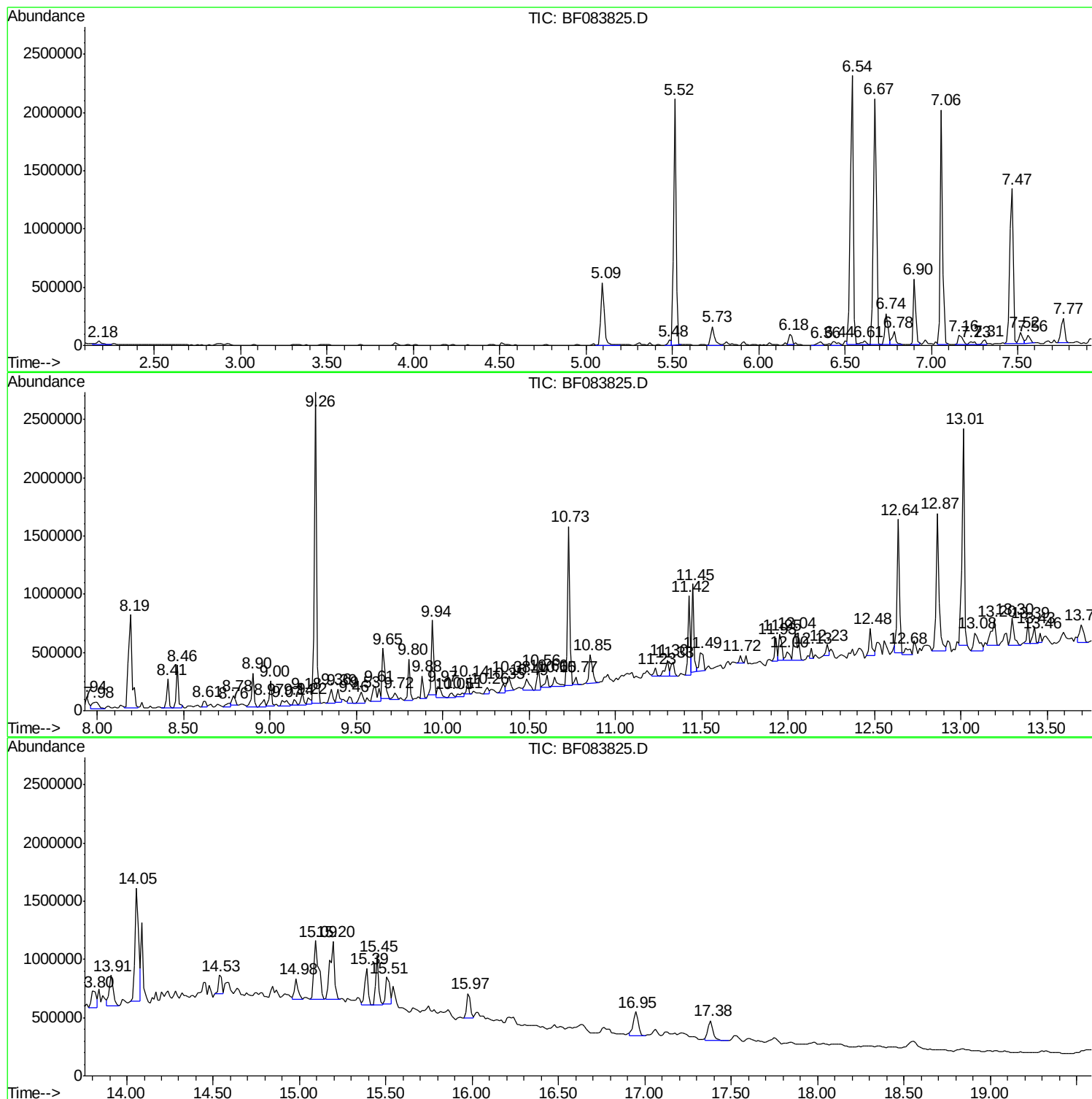
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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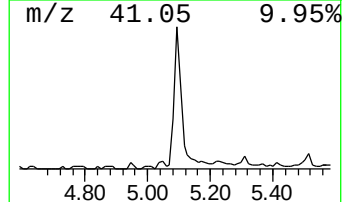
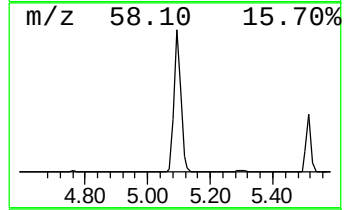
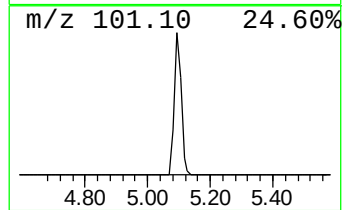
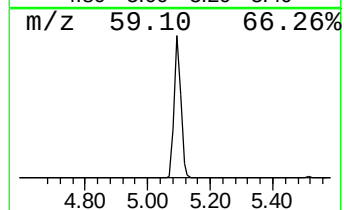
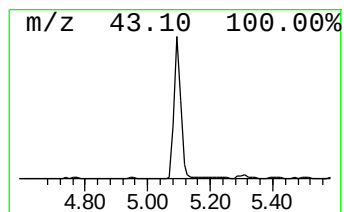
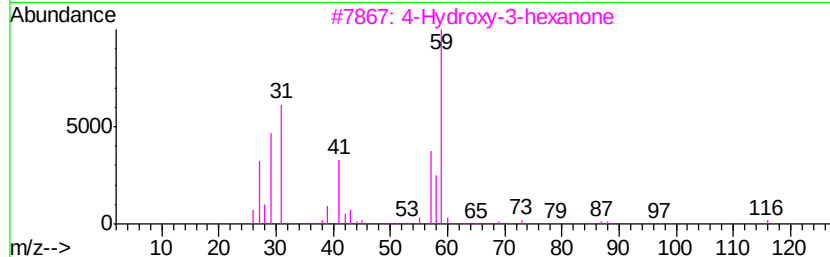
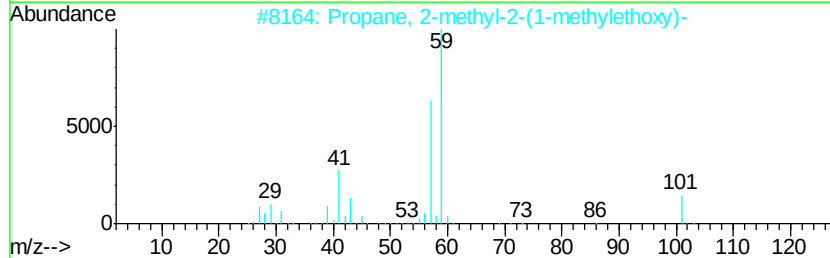
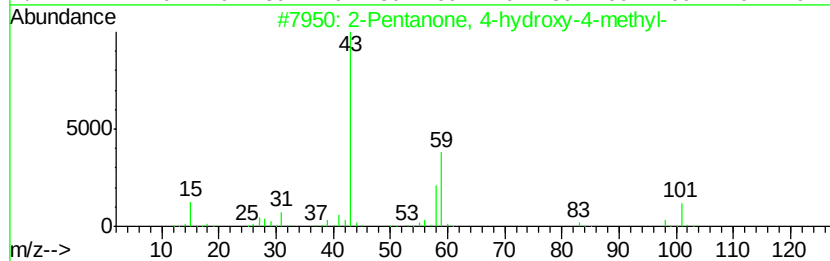
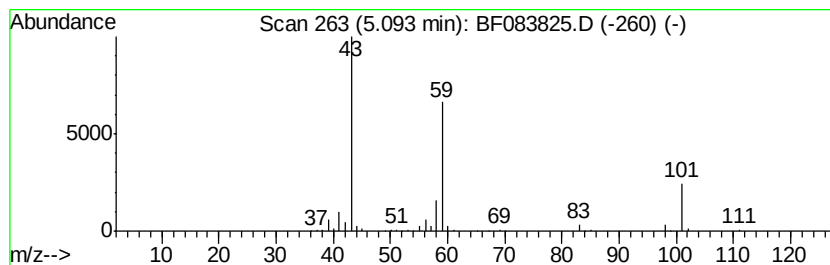
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	27.09 ng	806881	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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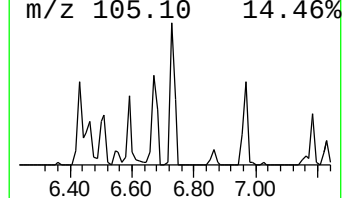
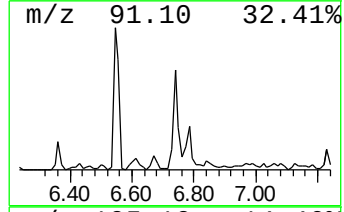
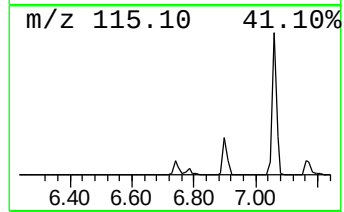
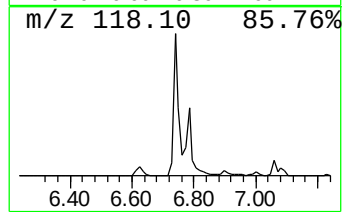
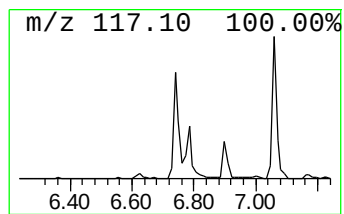
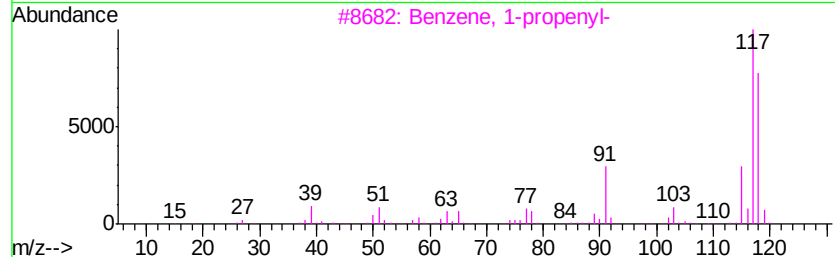
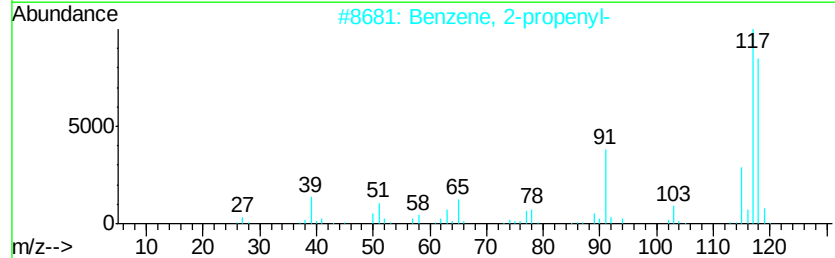
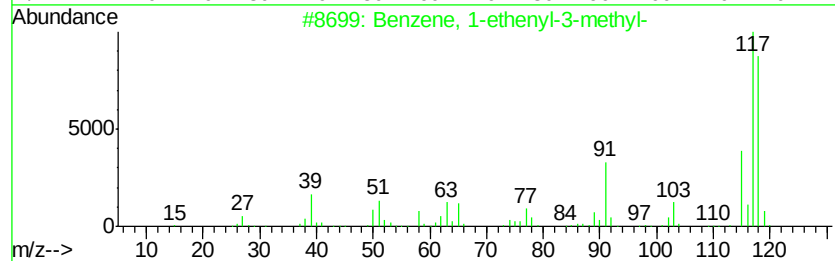
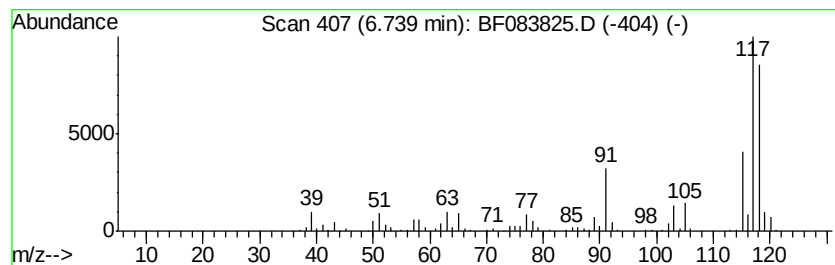
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	12.40 ng	369329	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94



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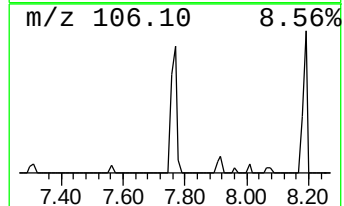
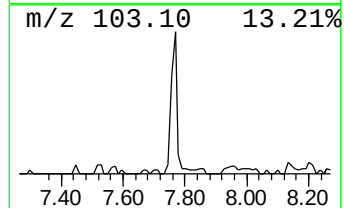
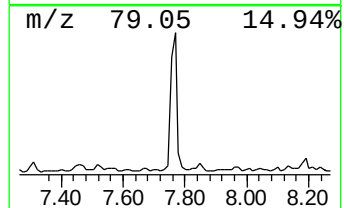
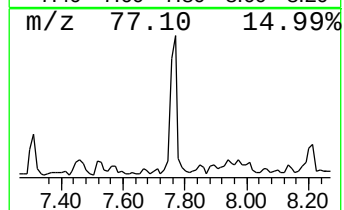
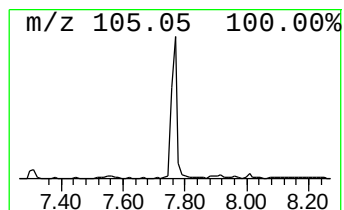
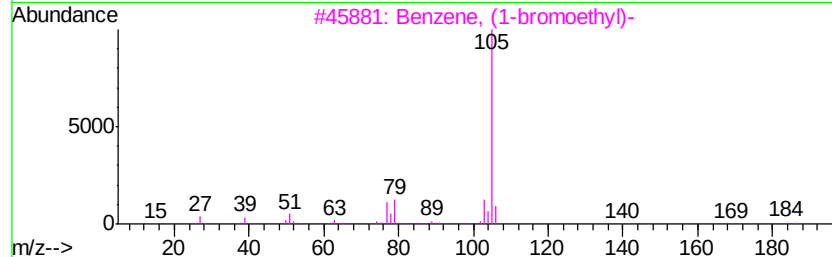
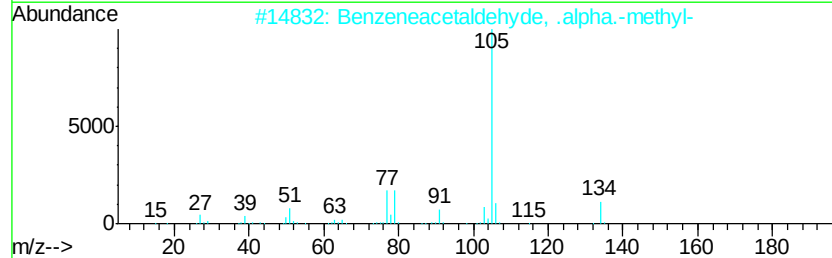
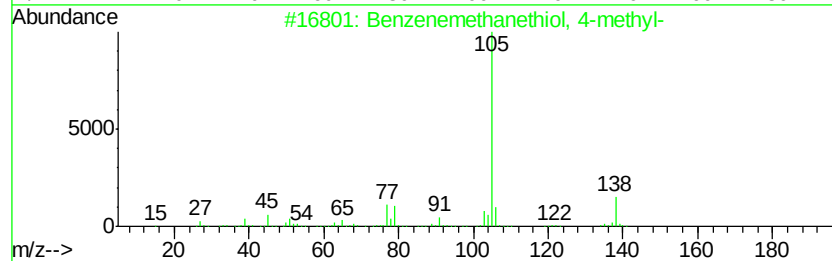
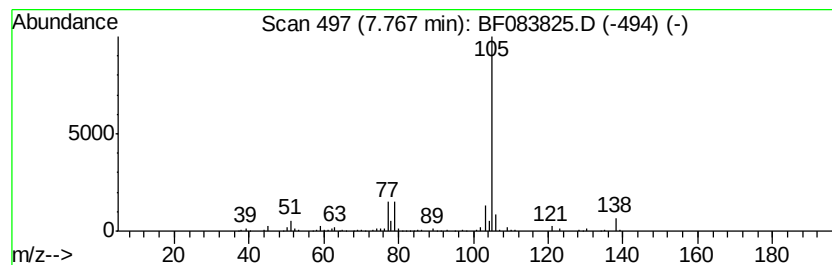
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzenemethanethiol, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	5.65 ng	300358	Napthalene-d8	8.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	86
2			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	64
3			Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64
4			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	64
5			Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	64



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Acq On : 15 Dec 2015 18:23
Operator : UM/IZ
Sample : G4739-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

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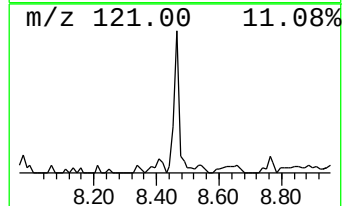
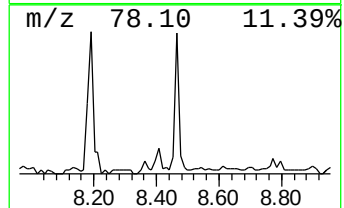
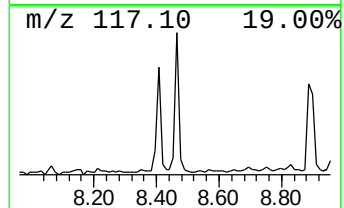
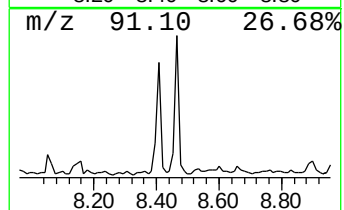
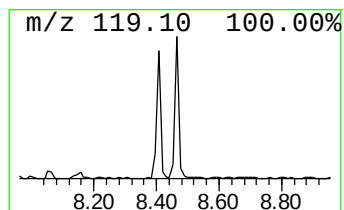
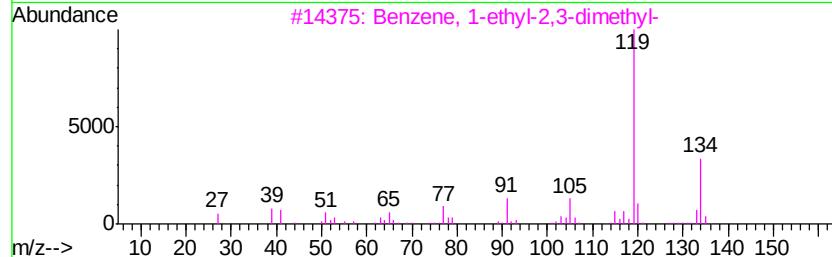
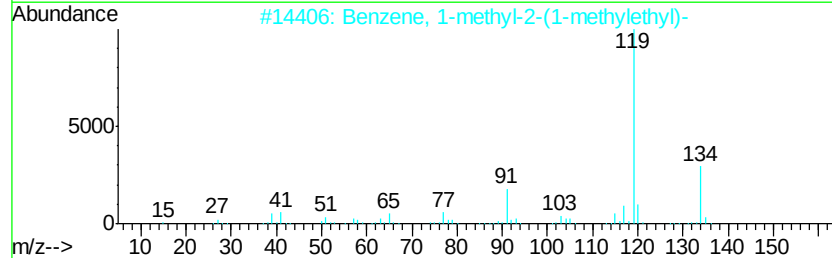
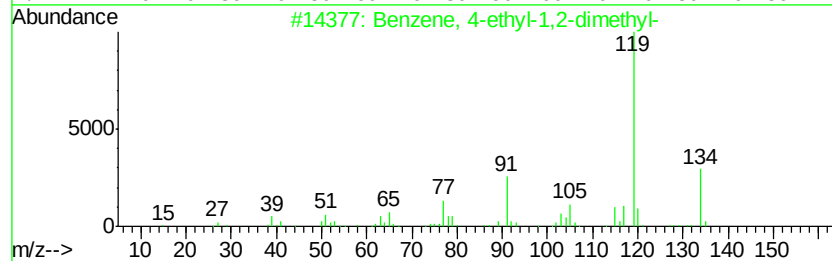
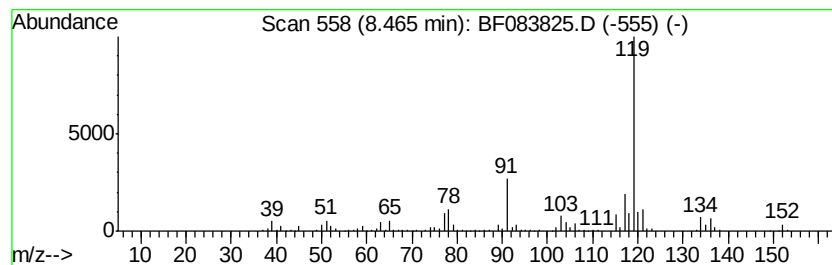
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	5.82 ng	309299	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	68
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4		1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	64
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
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Acq On : 15 Dec 2015 18:23
Operator : UM/IZ
Sample : G4739-15
Misc :
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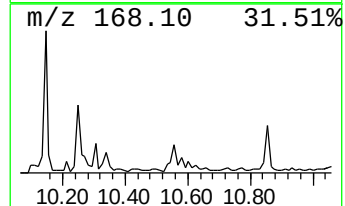
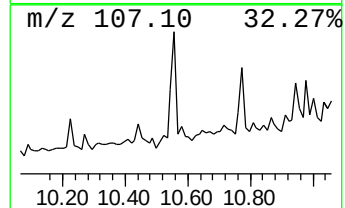
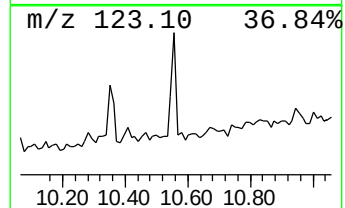
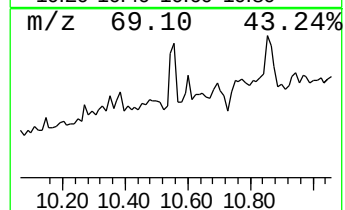
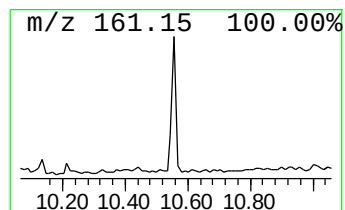
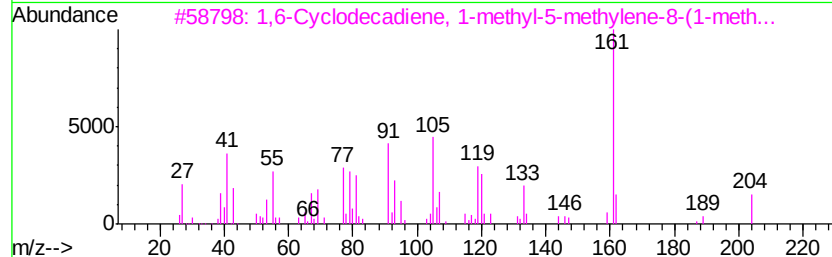
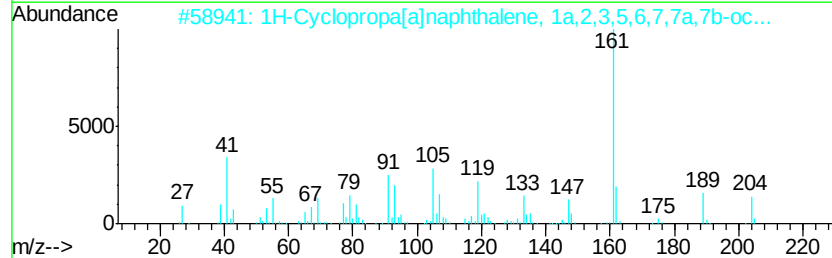
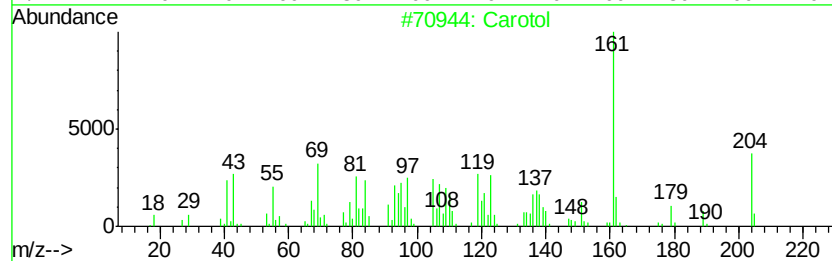
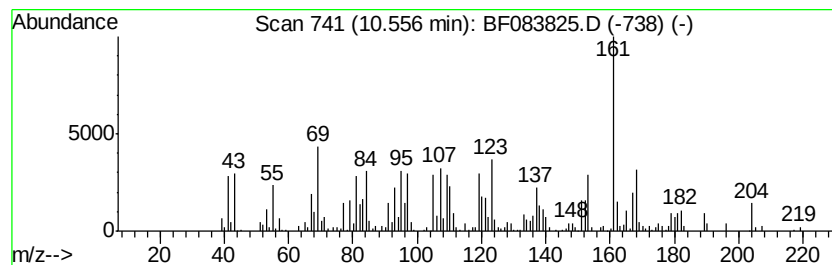
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Carotol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	6.29 ng	205167	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Carotol		222 C15H26O	000465-28-1 76
2	1H-Cyclopropa[alnaphthalene, 1a,...		204 C15H24	017334-55-3 38
3	1,6-Cyclodecadiene, 1-methyl-5-m...		204 C15H24	023986-74-5 30
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...		204 C15H24	039029-41-9 27
5	3a,7-Methano-3aH-cyclopentacyclo...		204 C15H24	000469-92-1 27



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
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Operator : UM/IZ
Sample : G4739-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

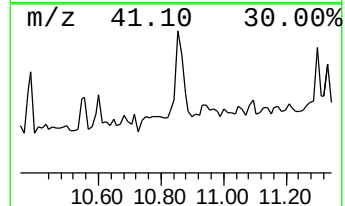
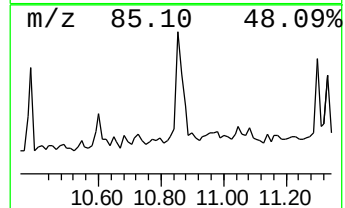
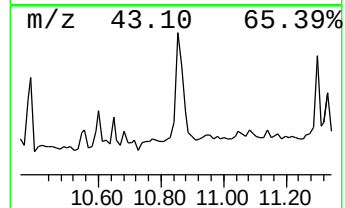
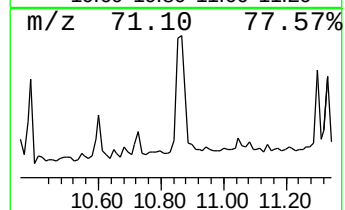
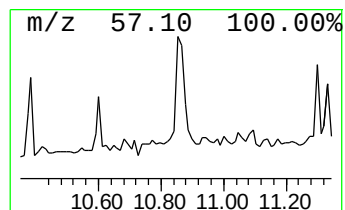
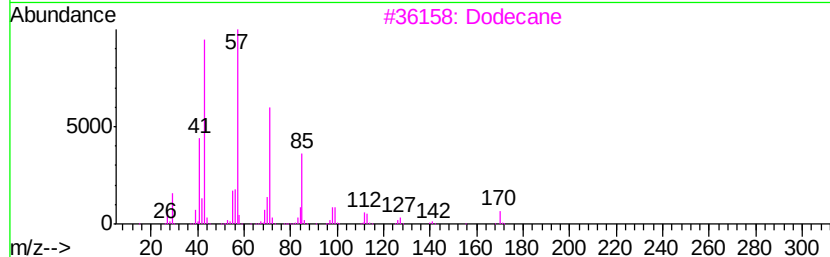
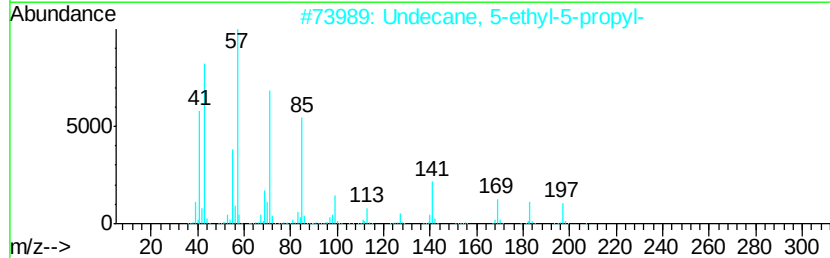
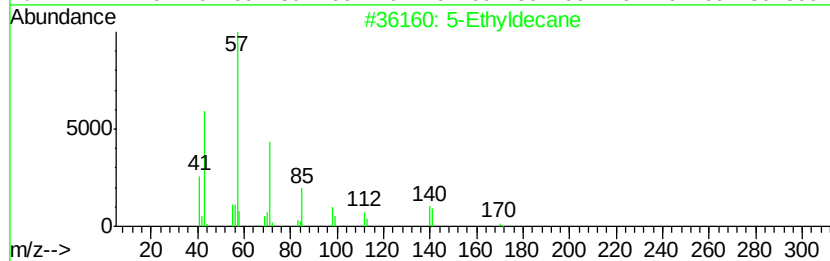
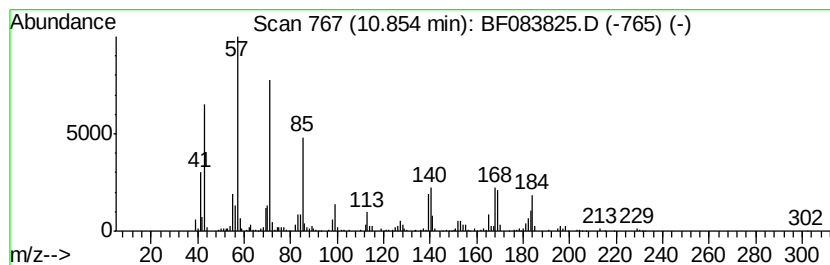
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5-Ethyldecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	11.36 ng	360079	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	64
2	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	58
3	Dodecane	170	C12H26	000112-40-3	55
4	Tetracosane	338	C24H50	000646-31-1	53
5	Tridecane	184	C13H28	000629-50-5	53



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083825.D
Acq On : 15 Dec 2015 18:23
Operator : UM/IZ
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Misc :
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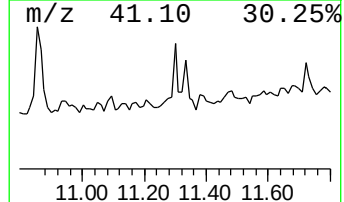
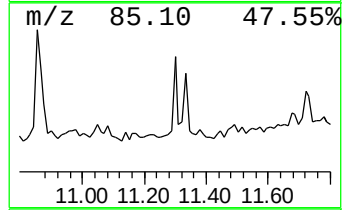
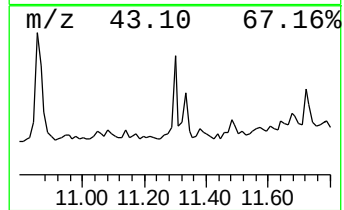
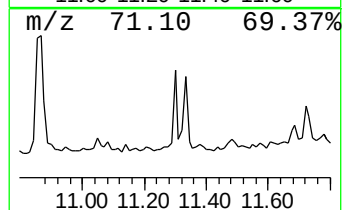
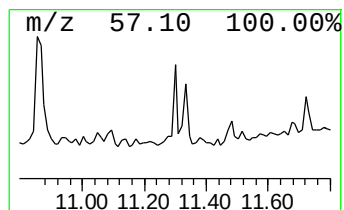
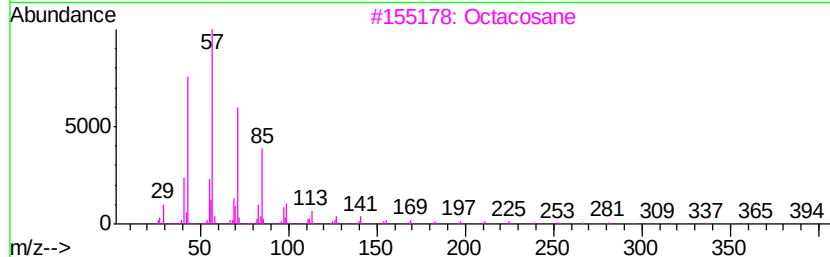
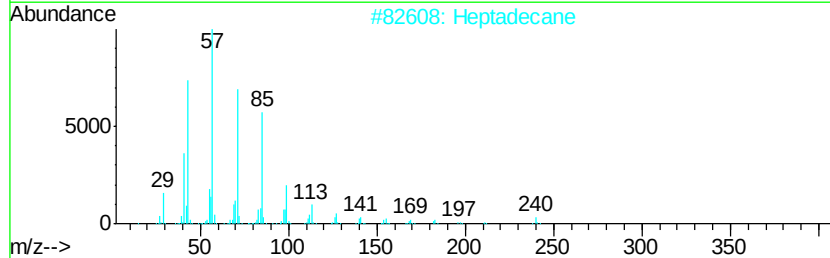
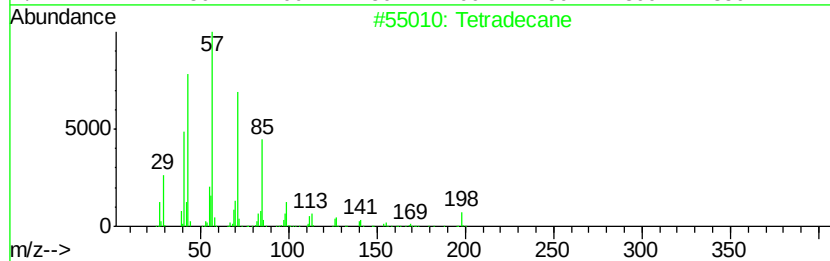
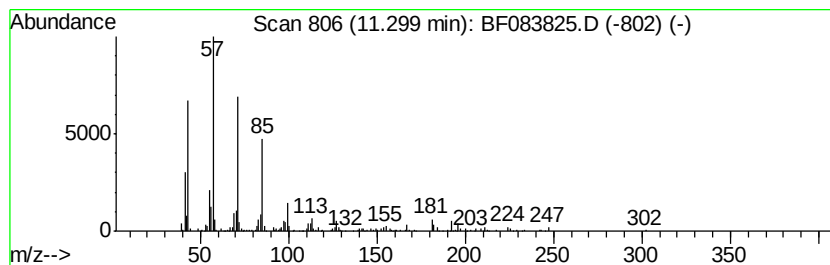
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	6.32 ng	200269	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	83
2		Heptadecane	240	C17H36	000629-78-7	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
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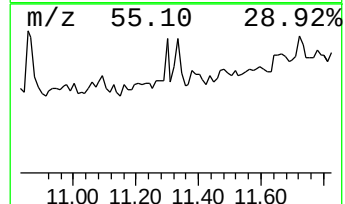
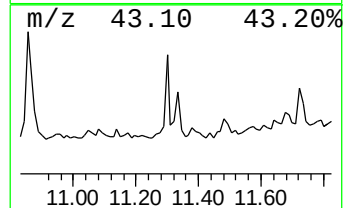
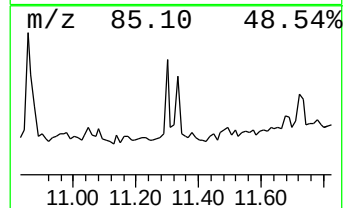
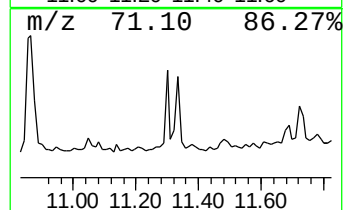
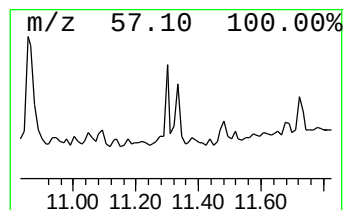
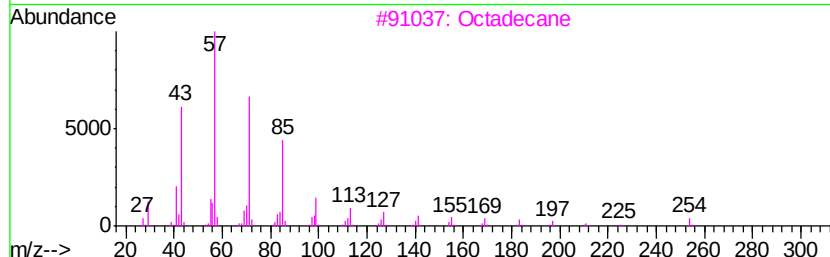
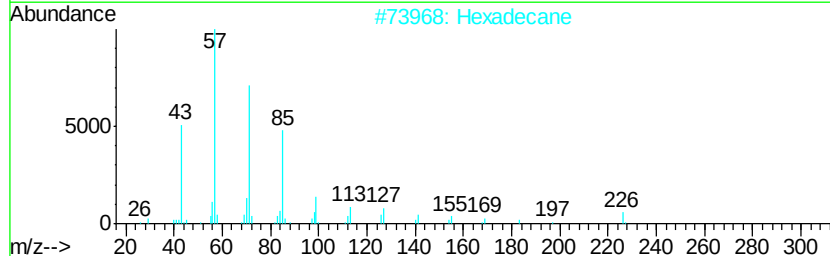
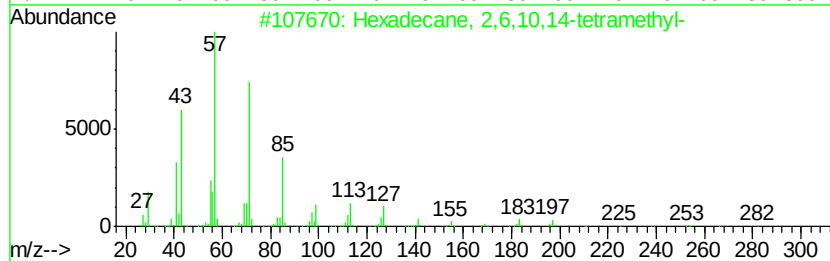
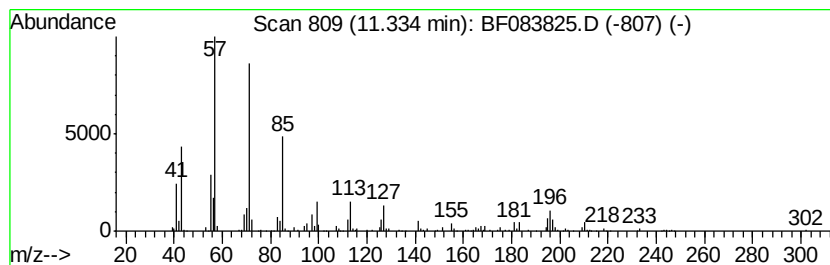
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	5.50 ng	174249	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2			Hexadecane	226	C16H34	000544-76-3	86
3			Octadecane	254	C18H38	000593-45-3	78
4			Decane, 3-methyl-	156	C11H24	013151-34-3	72
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
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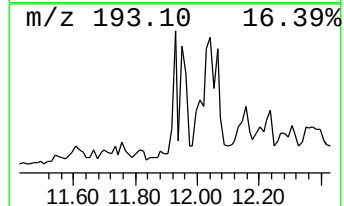
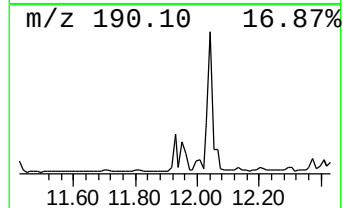
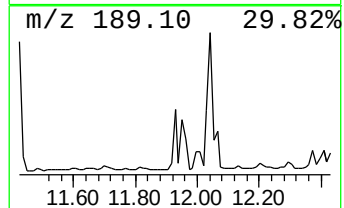
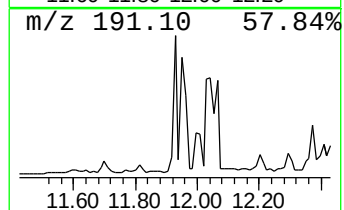
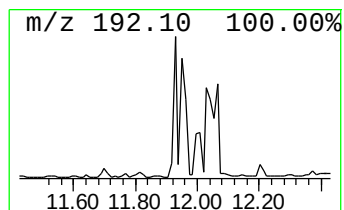
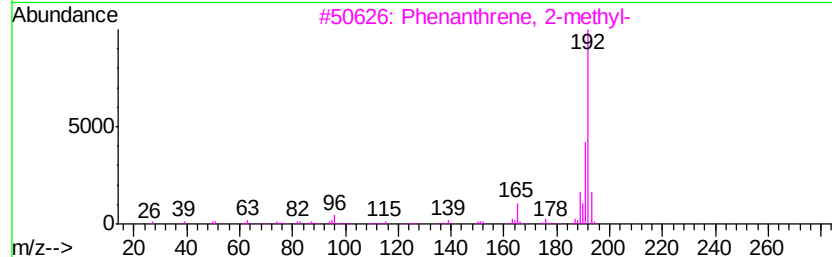
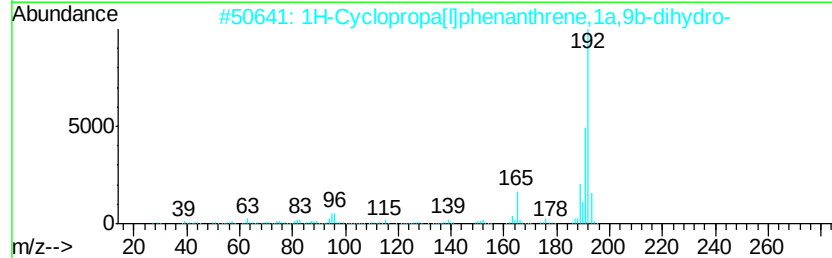
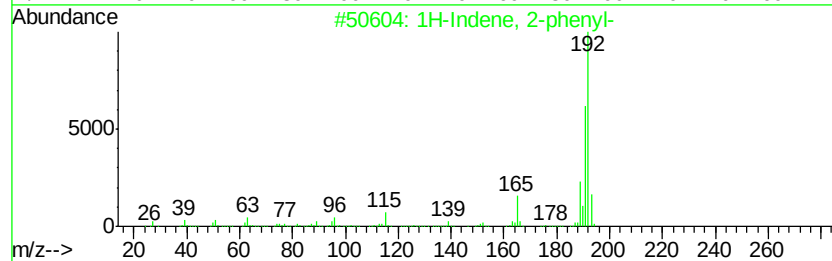
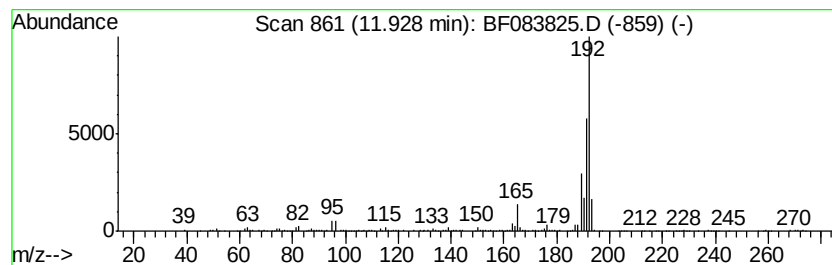
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.67 ng	179924	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083825.D
Acq On : 15 Dec 2015 18:23
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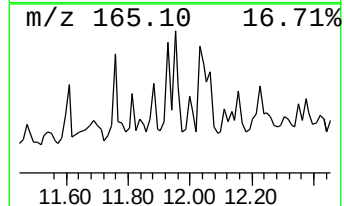
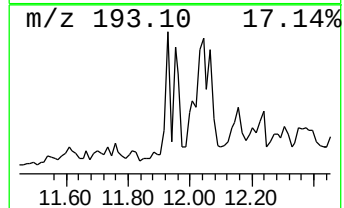
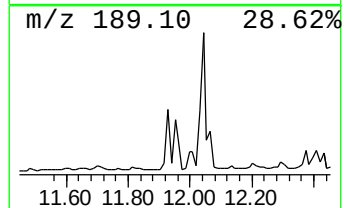
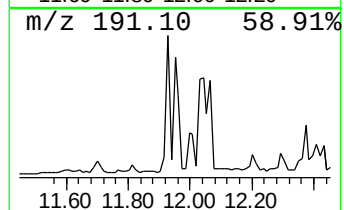
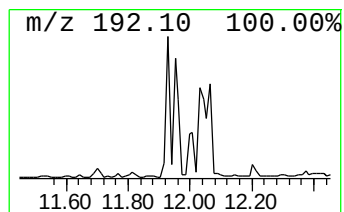
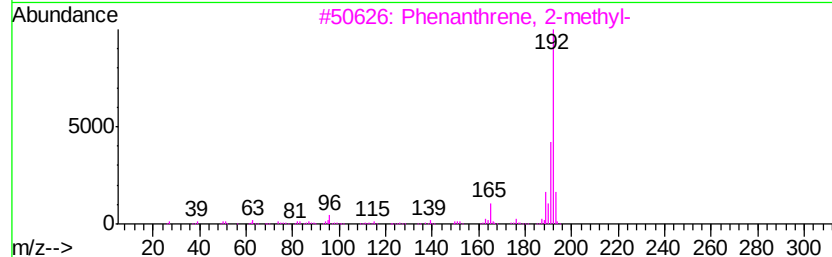
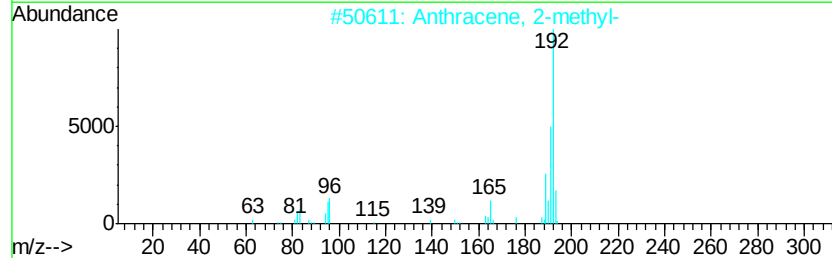
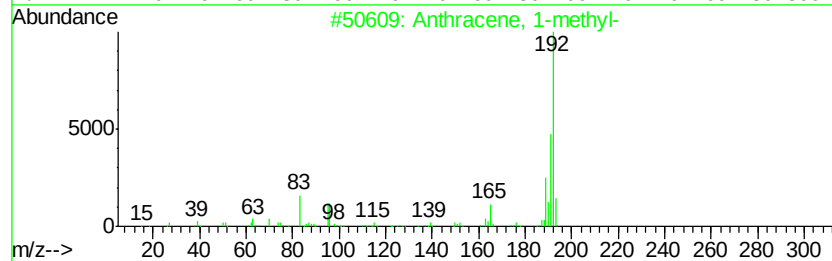
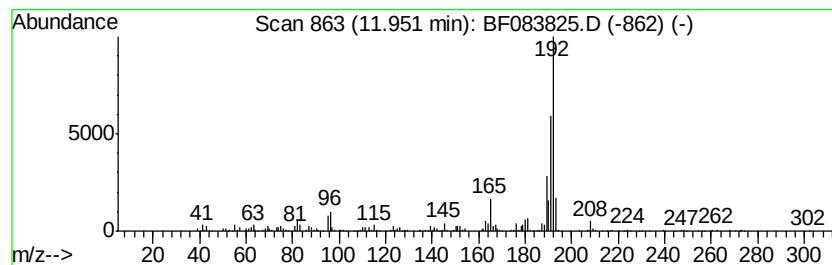
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.75 ng	277308	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083825.D
Acq On : 15 Dec 2015 18:23
Operator : UM/IZ
Sample : G4739-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

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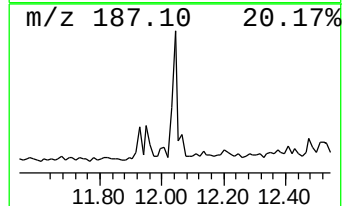
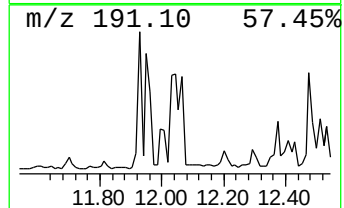
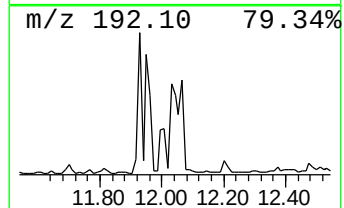
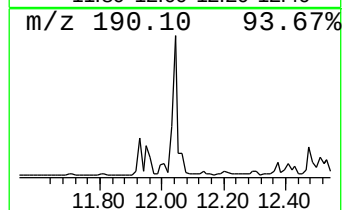
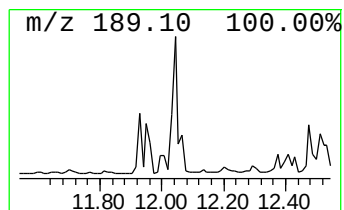
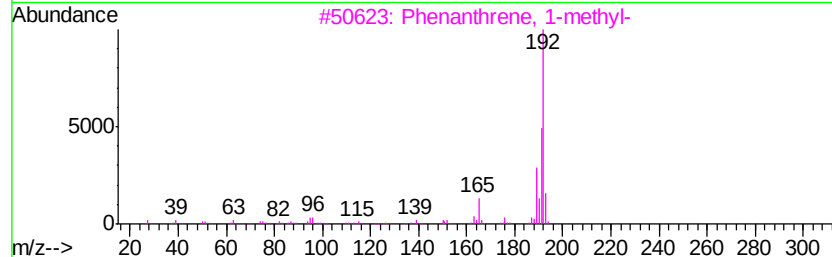
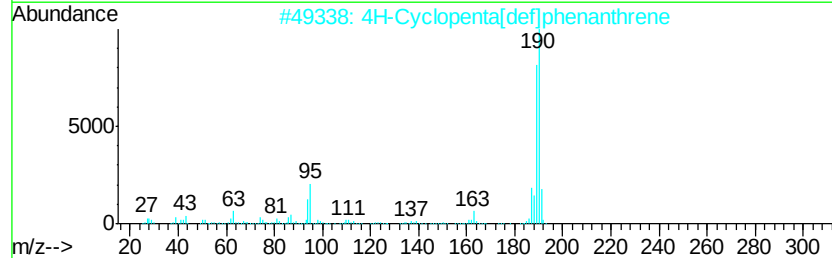
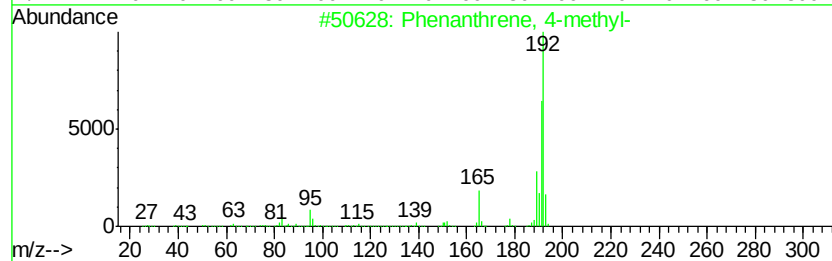
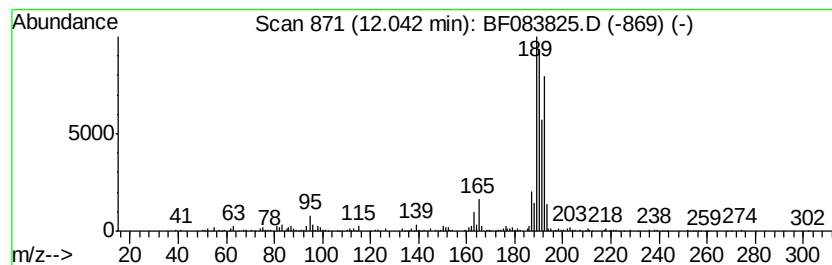
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	14.09 ng	446739	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	56
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	46



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083825.D
Acq On : 15 Dec 2015 18:23
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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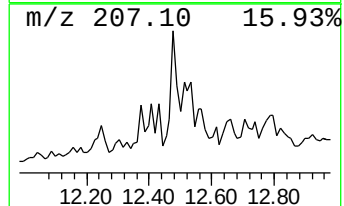
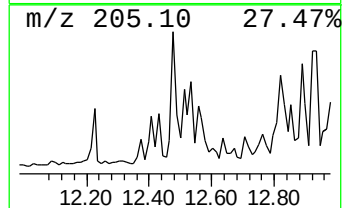
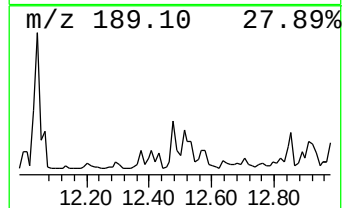
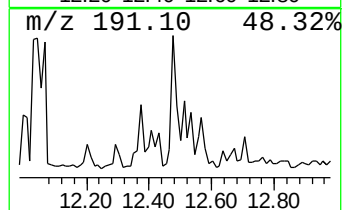
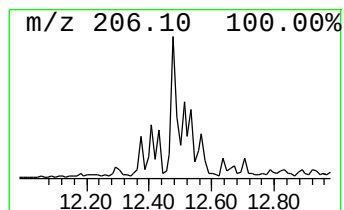
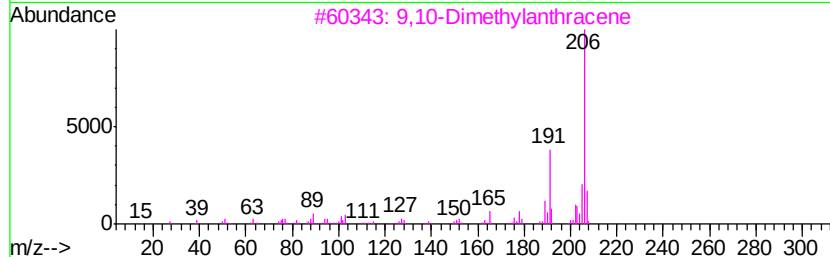
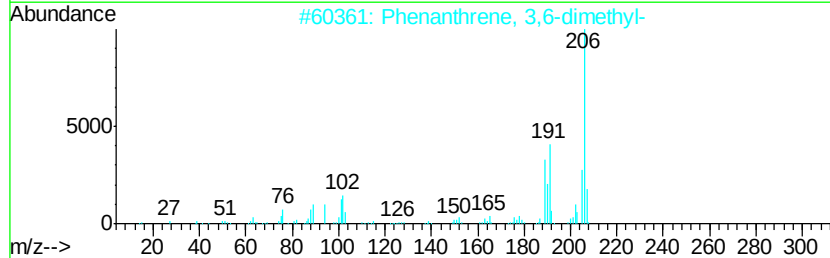
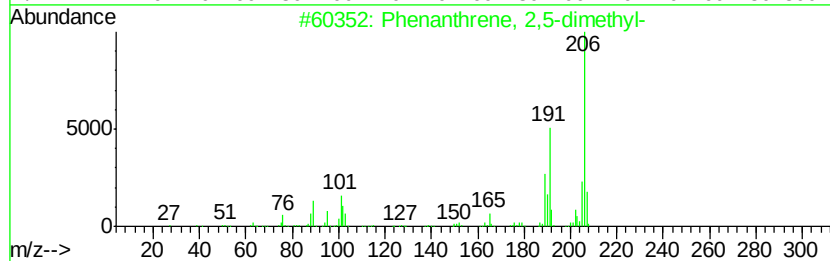
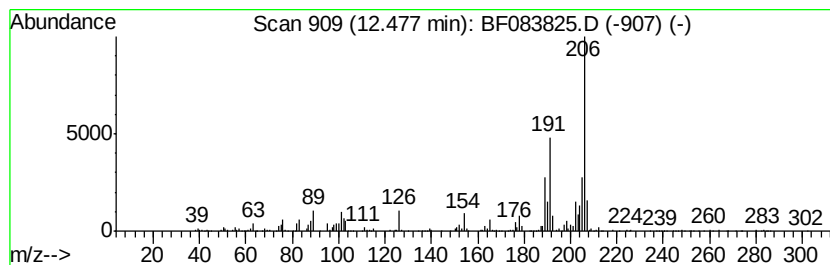
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	8.43 ng	267146	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083825.D
Acq On : 15 Dec 2015 18:23
Operator : UM/IZ
Sample : G4739-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

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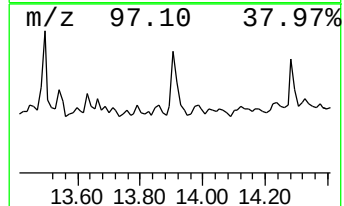
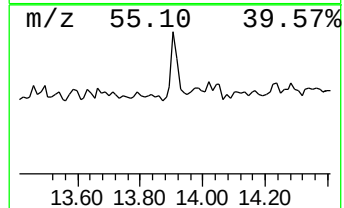
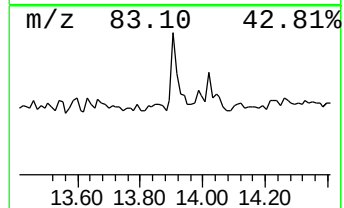
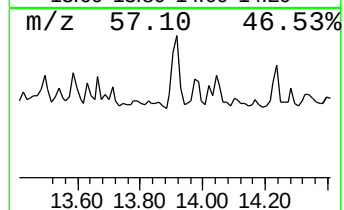
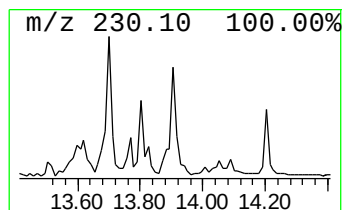
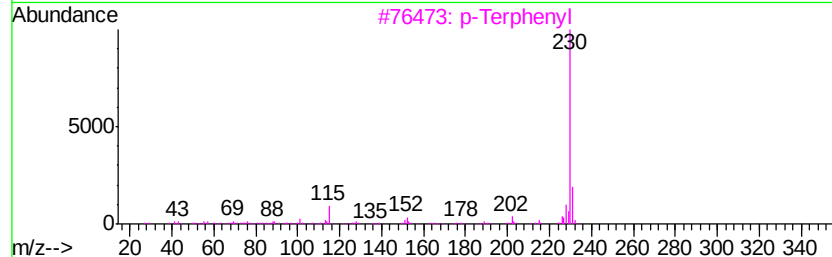
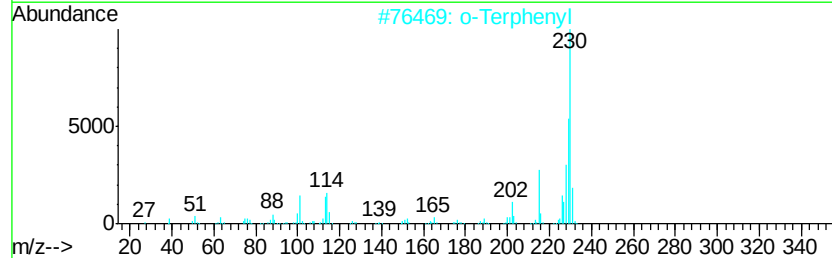
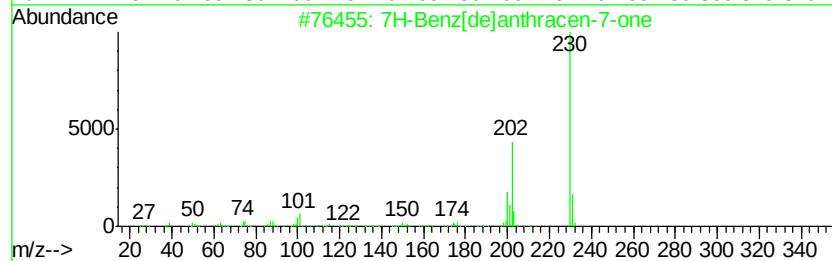
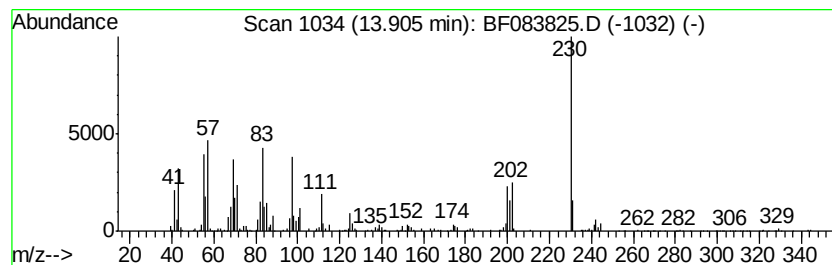
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	5.24 ng	401260	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
2		o-Terphenyl	230	C18H14	000084-15-1	27
3		p-Terphenyl	230	C18H14	000092-94-4	27
4		5,6-Dihydrochrysene	230	C18H14	002091-92-1	27
5		4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	25



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083825.D
Acq On : 15 Dec 2015 18:23
Operator : UM/IZ
Sample : G4739-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

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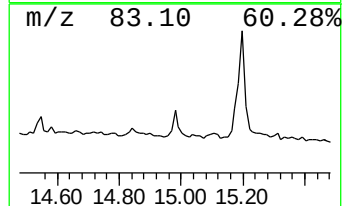
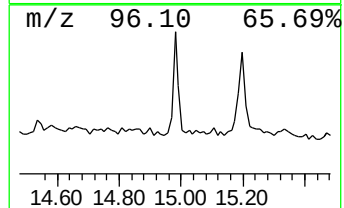
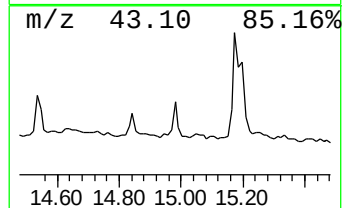
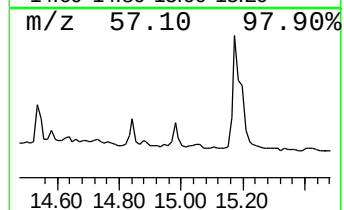
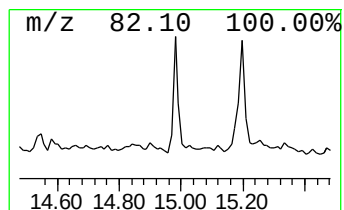
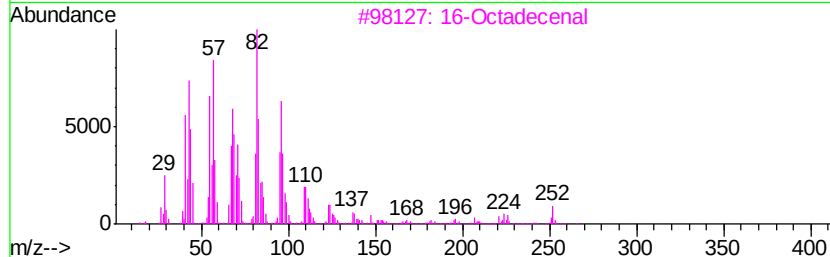
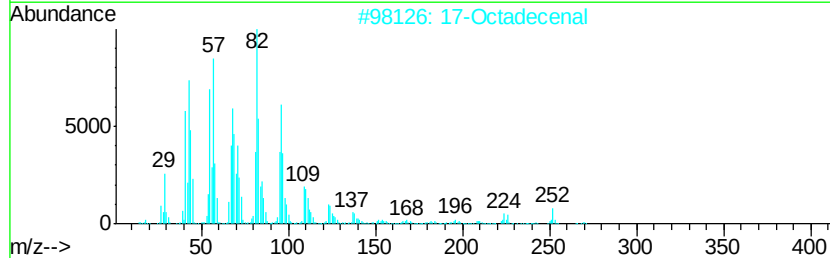
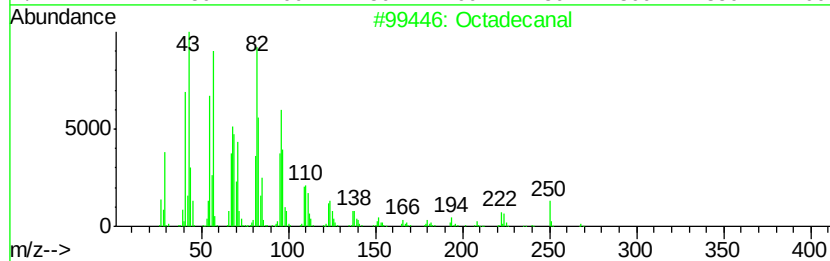
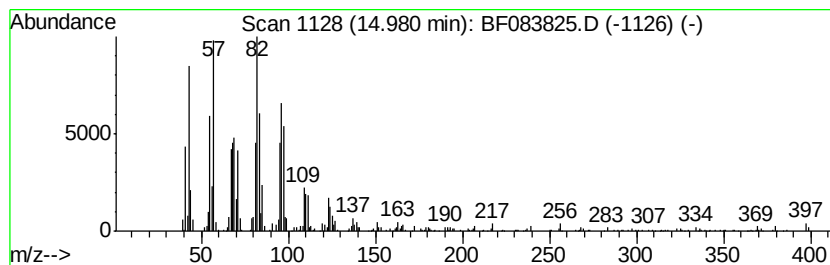
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	14.71 ng	252190	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	93
2		17-Octadecenal	266	C18H34O	056554-86-0	91
3		16-Octadecenal	266	C18H34O	056554-87-1	91
4		Tetradecanal	212	C14H28O	000124-25-4	87
5		1,19-Eicosadiene	278	C20H38	014811-95-1	87



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083825.D
Acq On : 15 Dec 2015 18:23
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Sample : G4739-15
Misc :
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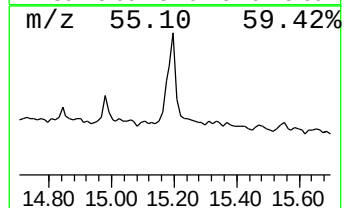
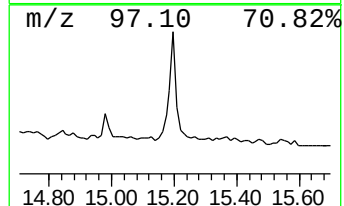
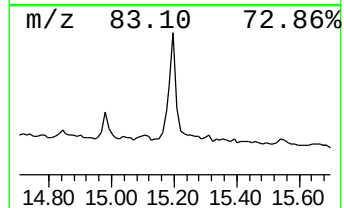
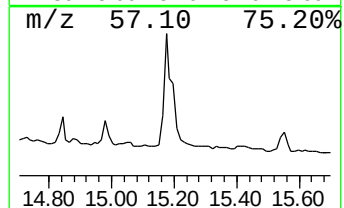
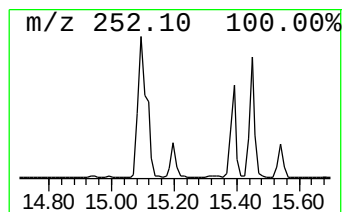
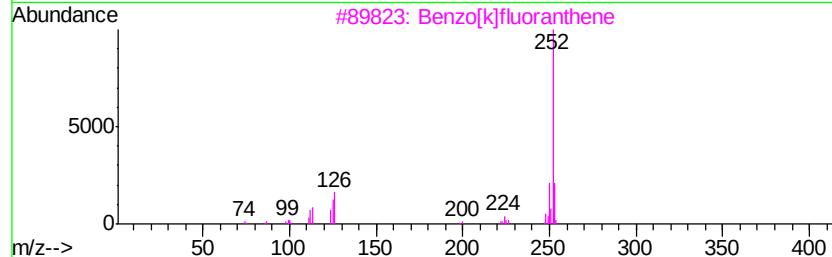
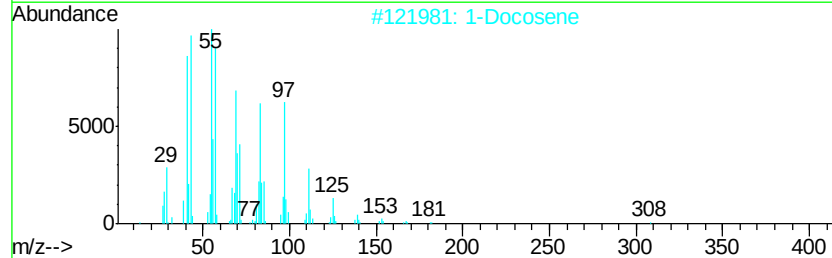
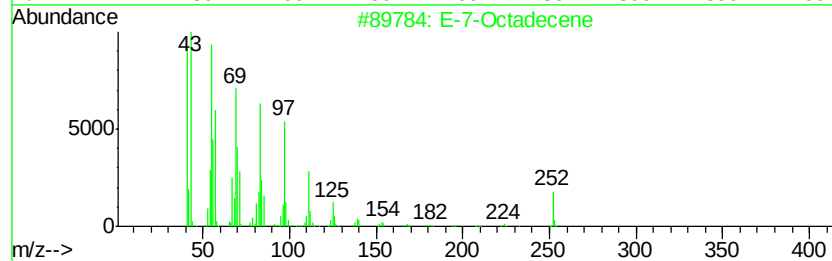
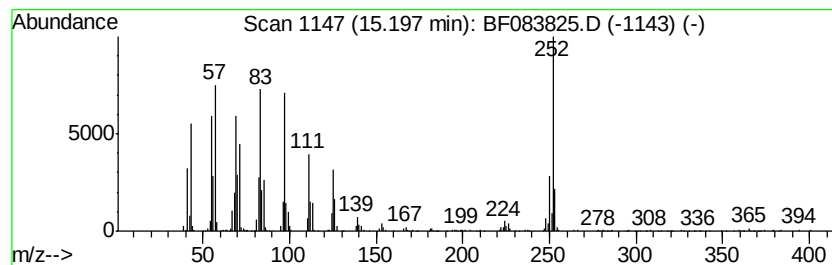
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 E-7-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	55.27 ng	947475	Perylene-d12	15.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-7-Octadecene	252 C18H36	1000130-92-0	93
2	1-Docosene	308 C22H44	001599-67-3	90
3	Benzo[k]fluoranthene	252 C20H12	000207-08-9	86
4	Benzo[i]fluoranthene	252 C20H12	000205-82-3	80
5	1-Octadecanol	270 C18H38O	000112-92-5	64



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
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Acq On : 15 Dec 2015 18:23
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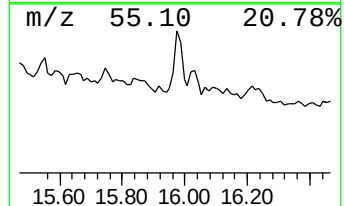
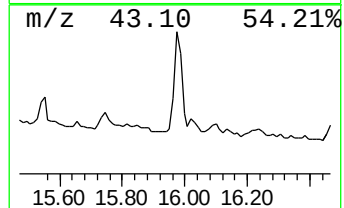
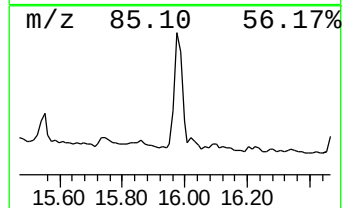
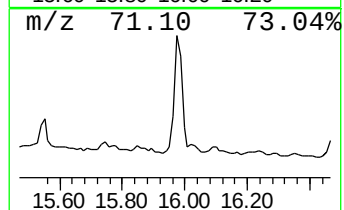
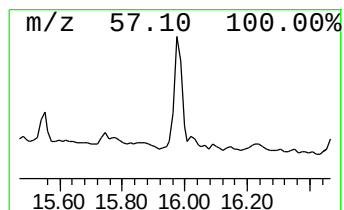
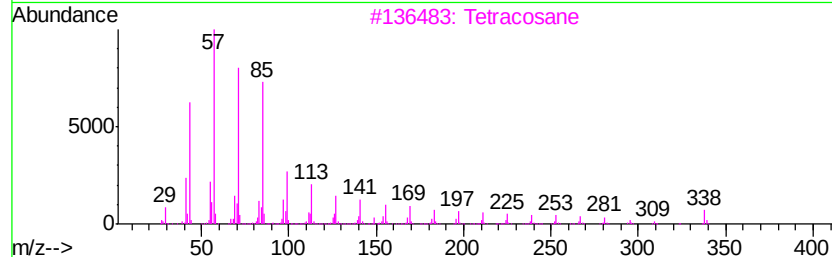
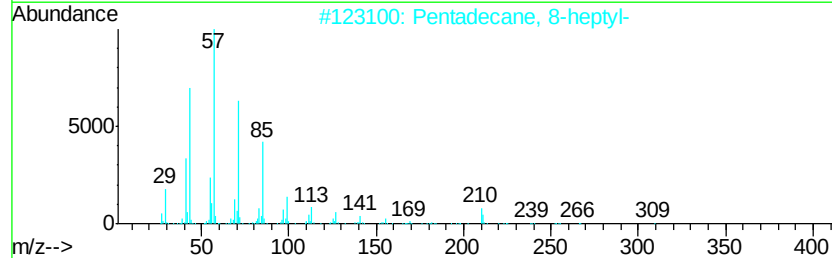
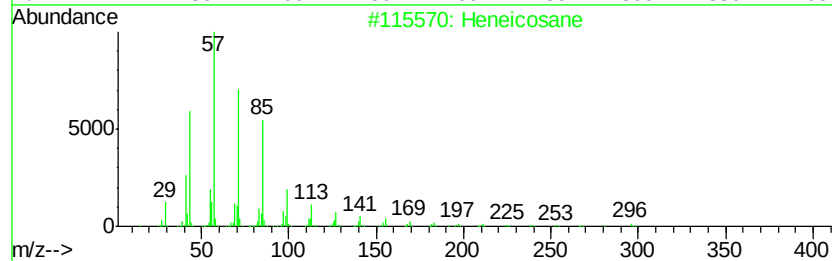
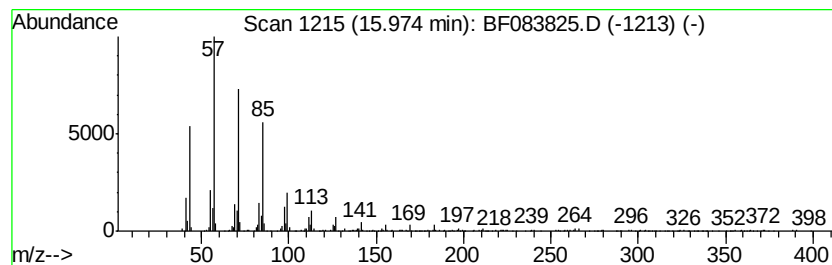
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	20.16 ng	345571	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Tetracosane	338	C24H50	000646-31-1	86
4		Tetradecane	198	C14H30	000629-59-4	83
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	76



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.09	27.1 ng		806881	1	6.90	595682	20.0
Benzene, 1-etheny...	6.74	12.4 ng		369329	1	6.90	595682	20.0
Benzenemethanethi...	7.77	5.7 ng		300358	2	8.19	1063470	20.0
Benzene, 4-ethyl-...	8.46	5.8 ng		309299	2	8.19	1063470	20.0
Carotol	10.56	6.3 ng		205167	3	9.94	651965	20.0
5-Ethyldecane	10.85	11.4 ng		360079	4	11.43	634109	20.0
Tetradecane	11.30	6.3 ng		200269	4	11.43	634109	20.0
Hexadecane, 2,6,1...	11.33	5.5 ng		174249	4	11.43	634109	20.0
1H-Indene, 2-phenyl-	11.93	5.7 ng		179924	4	11.43	634109	20.0
Anthracene, 1-met...	11.95	8.8 ng		277308	4	11.43	634109	20.0
Phenanthrene, 4-m...	12.04	14.1 ng		446739	4	11.43	634109	20.0
Phenanthrene, 2,5...	12.48	8.4 ng		267146	4	11.43	634109	20.0
7H-Benz[de]anthra...	13.91	5.2 ng		401260	5	14.07	1530410	20.0
Octadecanal	14.98	14.7 ng		252190	6	15.51	342865	20.0
E-7-Octadecene	15.20	55.3 ng		947475	6	15.51	342865	20.0
Heneicosane	15.97	20.2 ng		345571	6	15.51	342865	20.0