

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086403.D
 Acq On : 23 Apr 2016 21:21
 Operator : UM/SJ
 Sample : H2648-14
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-W

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-BF042216.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	3.733	138	144	149	rBV3	148298	382409	1.12%	0.076%
2	4.407	200	203	209	rVB	960636	1346883	3.93%	0.266%
3	4.853	238	242	245	rBV	407290	620474	1.81%	0.123%
4	4.910	245	247	249	rBV	235217	511622	1.49%	0.101%
5	4.956	249	251	254	rVB2	713210	994632	2.90%	0.197%
6	5.013	254	256	261	rBV2	999219	1706735	4.98%	0.338%
7	5.230	272	275	276	rBV	870652	1098656	3.21%	0.217%
8	5.321	279	283	284	rBV2	925254	1310516	3.83%	0.259%
9	5.344	284	285	287	rVB	1283740	978045	2.86%	0.193%
10	5.424	287	292	293	rBV	1955372	3180976	9.29%	0.629%
11	5.447	293	294	298	rVB	3517720	3008347	8.78%	0.595%
12	5.516	298	300	303	rVB	426423	530361	1.55%	0.105%
13	5.596	305	307	310	rBV2	1002033	1666940	4.87%	0.330%
14	5.641	310	311	312	rBV	958080	789354	2.30%	0.156%
15	5.676	312	314	318	rVB2	2284421	3141079	9.17%	0.621%
16	5.756	318	321	323	rVB	5835787	7211073	21.05%	1.426%
17	5.859	326	330	332	rBV2	1520471	1879531	5.49%	0.372%
18	5.904	332	334	339	rBV4	589291	1728056	5.05%	0.342%
19	6.007	339	343	345	rVB2	2155664	3585438	10.47%	0.709%
20	6.041	345	346	349	rBV3	464963	857521	2.50%	0.170%
21	6.099	349	351	354	rBV2	3026148	5246220	15.32%	1.038%
22	6.144	354	355	357	rBV	1227222	1577390	4.61%	0.312%
23	6.179	357	358	364	rVB4	660151	2007178	5.86%	0.397%
24	6.304	364	369	370	rBV2	2349709	4708662	13.75%	0.931%
25	6.373	372	375	377	rBV3	3918597	8119365	23.71%	1.606%
26	6.441	380	381	383	rBV2	2885920	4156569	12.14%	0.822%
27	6.487	383	385	387	rVB	2923083	3247955	9.48%	0.642%
28	6.533	387	389	392	rVB	3923533	5470823	15.97%	1.082%
29	6.624	392	397	400	rBV2	3424045	8915213	26.03%	1.763%
30	6.704	400	404	406	rVB2	8313528	13526205	39.49%	2.675%
31	6.739	406	407	409	rBV2	341198	399445	1.17%	0.079%
32	6.807	409	413	415	rBV	3274091	5850940	17.08%	1.157%
33	6.853	415	417	418	rBV2	1237174	2035548	5.94%	0.403%
34	6.887	418	420	421	rVB2	3354279	4582153	13.38%	0.906%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.910	421	422	425	rVB2	2557089	4044185	11.81%	0.800%
36	7.013	429	431	435	rVB3	4331221	8224312	24.01%	1.627%
37	7.139	437	442	444	rBV2	6888321	14389955	42.01%	2.846%
38	7.184	444	446	450	rVB3	6374414	12063198	35.22%	2.386%
39	7.253	450	452	454	rBV	6640171	7892802	23.04%	1.561%
40	7.333	457	459	460	rBV	3347189	5275883	15.40%	1.043%
41	7.402	462	465	466	rBV	5900468	8343000	24.36%	1.650%
42	7.424	466	467	469	rVB2	1284371	1640266	4.79%	0.324%
43	7.482	469	472	473	rVB	6304777	9825530	28.69%	1.943%
44	7.516	473	475	477	rVB	4241952	7064305	20.63%	1.397%
45	7.584	479	481	483	rVB3	3936726	4473323	13.06%	0.885%
46	7.664	483	488	493	rVB5	5171774	14490696	42.31%	2.866%
47	7.779	493	498	499	rBV3	4325486	11279362	32.93%	2.231%
48	7.813	499	501	505	rVB4	3843007	9877472	28.84%	1.954%
49	7.893	505	508	509	rBV2	4779790	10747210	31.38%	2.126%
50	7.927	509	511	512	rVB2	2751104	3442275	10.05%	0.681%
51	7.996	512	517	518	rVB4	3129135	7509585	21.93%	1.485%
52	8.019	518	519	521	rVB	2079927	2494908	7.28%	0.493%
53	8.053	521	522	524	rVB	1346175	1732392	5.06%	0.343%
54	8.156	524	531	534	rBV5	7636123	29481972	86.08%	5.831%
55	8.362	544	549	551	rBV3	3799577	11692589	34.14%	2.313%
56	8.407	551	553	554	rBV	1927607	3282978	9.59%	0.649%
57	8.453	554	557	561	rVV5	1703047	6527912	19.06%	1.291%
58	8.602	568	570	573	rVB2	1541414	2475455	7.23%	0.490%
59	8.682	574	577	581	rVB3	2791593	4969142	14.51%	0.983%
60	8.773	581	585	587	rBV2	4281202	9595968	28.02%	1.898%
61	9.196	618	622	627	rBV5	1943800	5472014	15.98%	1.082%
62	9.345	631	635	637	rBV2	4853753	11610693	33.90%	2.296%
63	9.402	637	640	643	rBV2	1507864	4526834	13.22%	0.895%
64	9.710	665	667	669	rVB2	2120728	2481076	7.24%	0.491%
65	9.882	678	682	683	rVB	5278135	8746758	25.54%	1.730%
66	10.030	693	695	697	rVB	2021983	2708375	7.91%	0.536%
67	10.088	697	700	702	rBV3	2093543	5076910	14.82%	1.004%
68	10.179	706	708	710	rVV3	2567949	3929423	11.47%	0.777%
69	10.248	712	714	717	rBV3	1511852	4193881	12.24%	0.829%
70	10.373	721	725	728	rVV	4584103	9090177	26.54%	1.798%
71	10.579	740	743	745	rBV	2653089	4562128	13.32%	0.902%

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72	10.659	748	750	751	rVV2	1706084	1817191	5.31%	0.359%
73	10.693	751	753	754	rVB	2057581	2221096	6.48%	0.439%
74	10.853	762	767	769	rBV2	5219217	11387107	33.25%	2.252%
75	11.013	779	781	783	rBV2	1314911	2513293	7.34%	0.497%
76	11.288	801	805	806	rBV	4661152	7391851	21.58%	1.462%
77	11.516	823	825	826	rBV	1079883	1443389	4.21%	0.285%
78	11.573	829	830	832	rVB	1496848	1480467	4.32%	0.293%
79	11.711	838	842	843	rBV	4850126	7543110	22.02%	1.492%
80	11.745	843	845	847	rVB2	999252	1596891	4.66%	0.316%
81	11.928	859	861	862	rVV2	1079601	859033	2.51%	0.170%
82	11.962	862	864	869	rVB2	2297899	5655414	16.51%	1.119%
83	12.111	874	877	878	rBV	4848361	7337548	21.42%	1.451%
84	12.248	887	889	893	rVB4	1361282	2959057	8.64%	0.585%
85	12.373	898	900	901	rVV	2173312	2290332	6.69%	0.453%
86	12.442	904	906	907	rVV2	969122	1241161	3.62%	0.245%
87	12.488	907	910	911	rVV	4995333	6683226	19.51%	1.322%
88	12.522	911	913	915	rVB3	531086	738815	2.16%	0.146%
89	12.614	920	921	924	rVB	933832	1172445	3.42%	0.232%
90	12.854	940	942	943	rVB	4671314	5633460	16.45%	1.114%
91	12.876	943	944	947	rVV3	422061	682188	1.99%	0.135%
92	12.968	949	952	957	rVB2	2519743	3964288	11.57%	0.784%
93	13.196	970	972	974	rBV	4034192	3967817	11.58%	0.785%
94	13.539	999	1002	1004	rVB	1942908	2708017	7.91%	0.536%
95	13.859	1026	1030	1035	rBV2	1871345	2678996	7.82%	0.530%
96	14.042	1039	1046	1048	rBV	11566044	34250092	100.00%	6.774%
97	14.179	1055	1058	1060	rVB	723044	936784	2.74%	0.185%
98	14.477	1082	1084	1086	rVB	638107	590308	1.72%	0.117%
99	14.751	1106	1108	1115	rVB2	565761	1446689	4.22%	0.286%
100	15.425	1165	1167	1174	rVB2	442384	811610	2.37%	0.161%

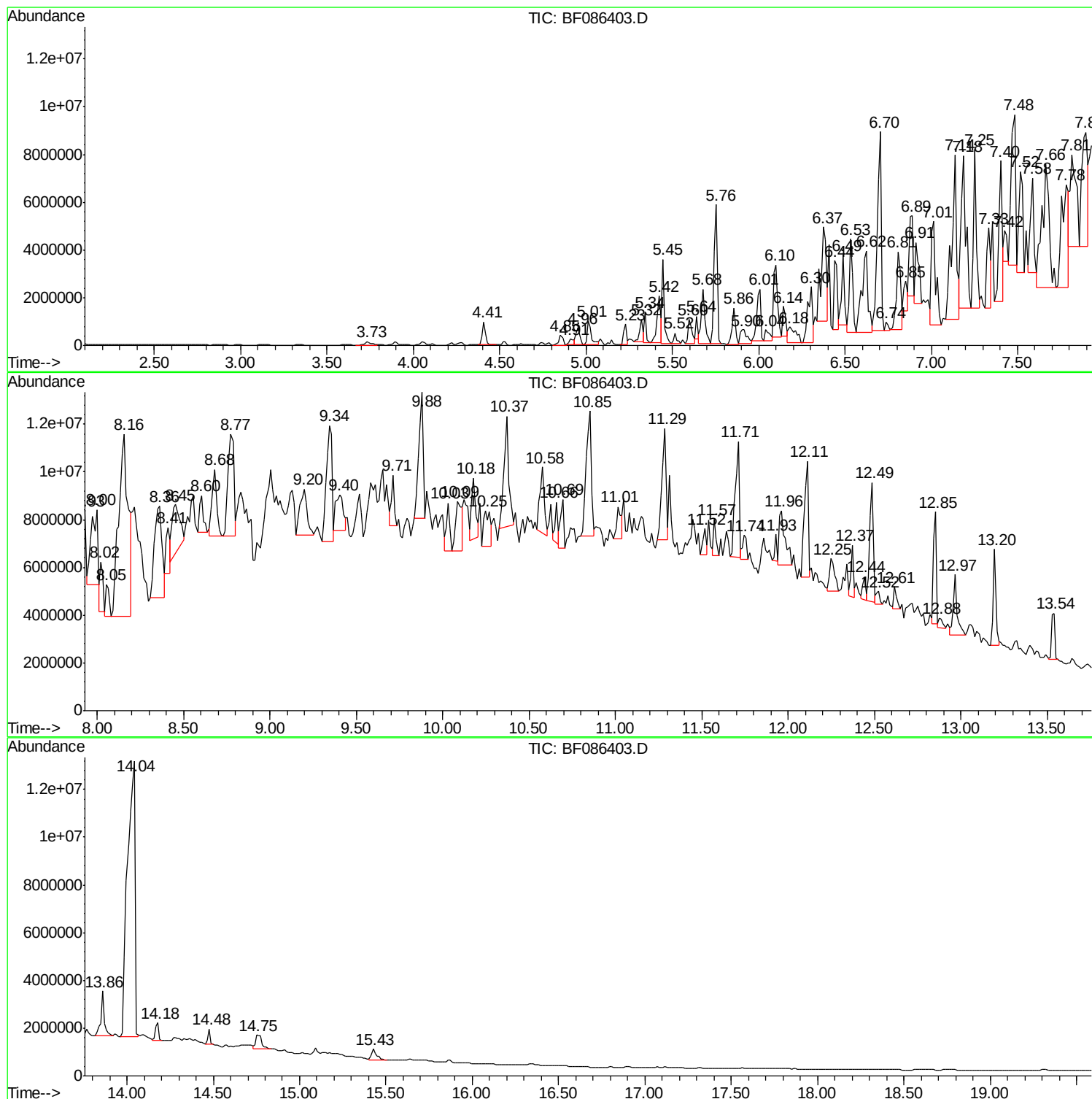
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Instrument :
BNA_F
ClientSampled :
WC-W

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.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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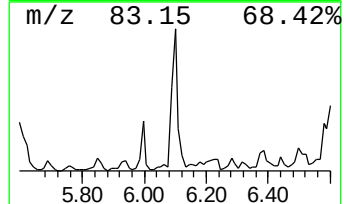
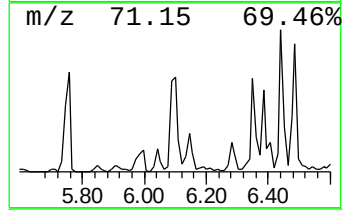
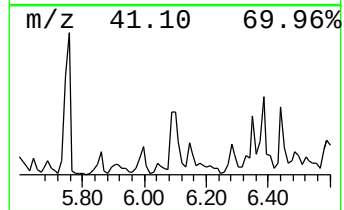
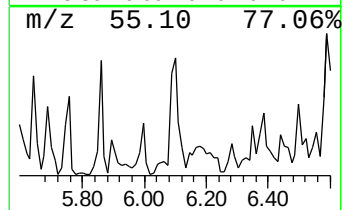
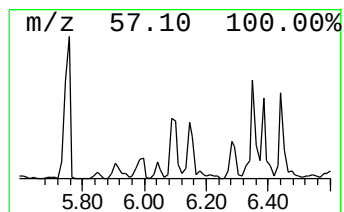
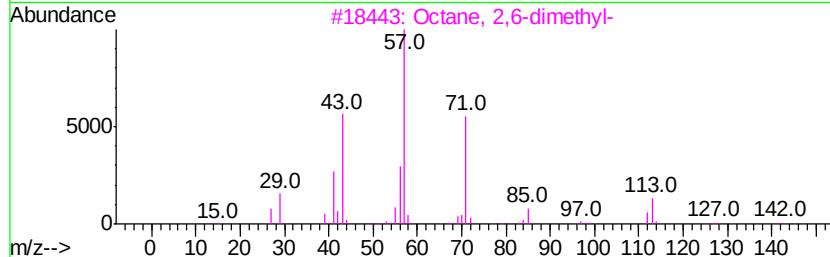
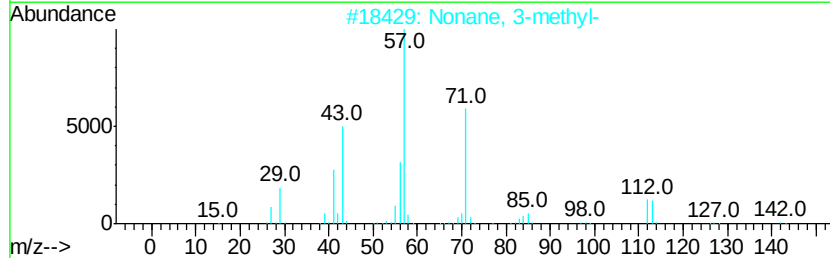
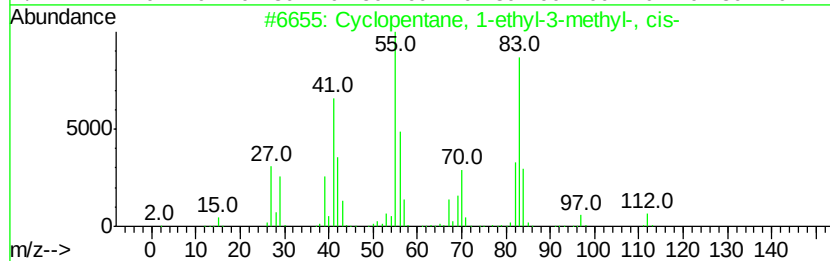
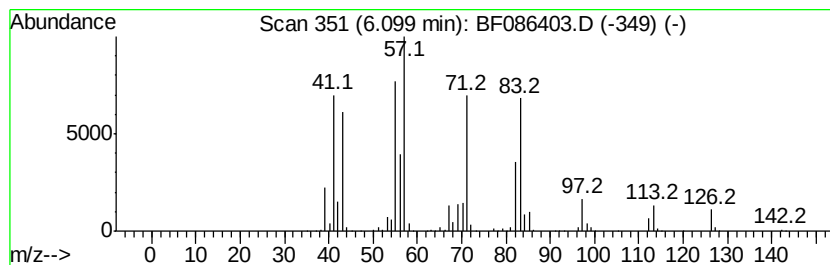
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclopentane, 1-ethyl-3-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	51.55 ng	5246220	1,4-Dichlorobenzene-d4	6.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	52
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	49
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
4		Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	49
5		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43



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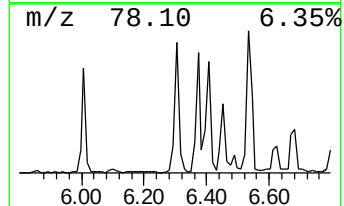
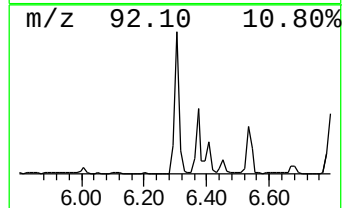
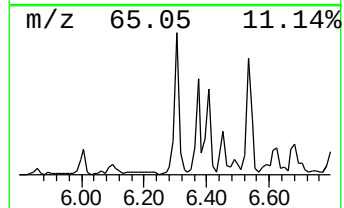
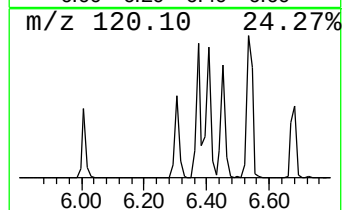
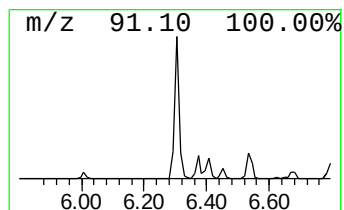
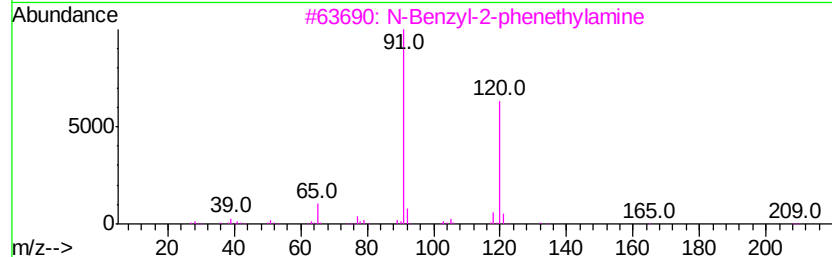
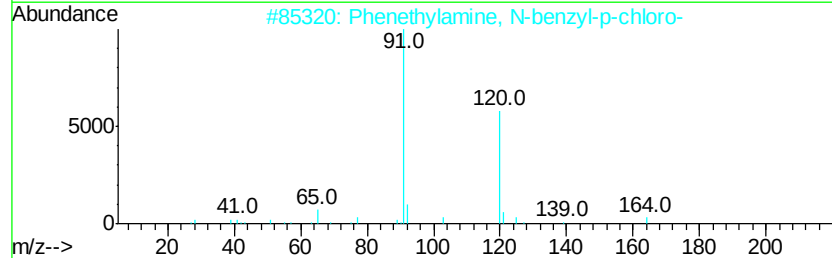
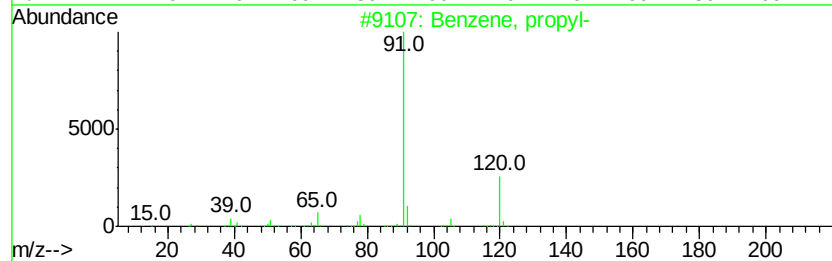
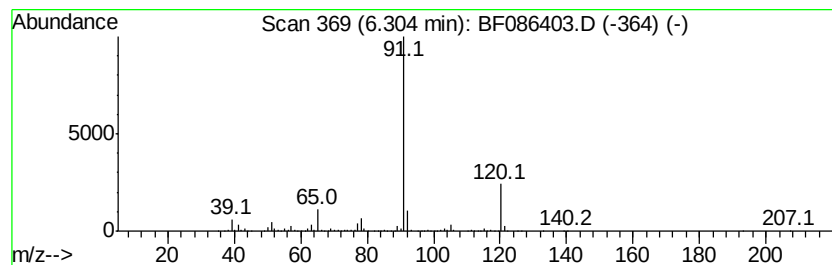
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	46.26 ng	4708660	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
4		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	64
5		Benzeneacetaldehyde	120	C8H8O	000122-78-1	53



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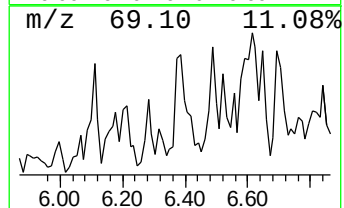
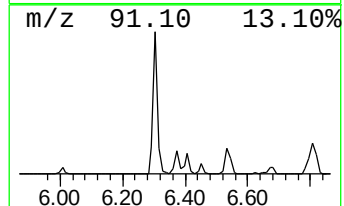
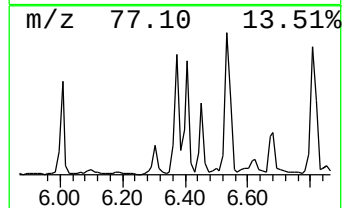
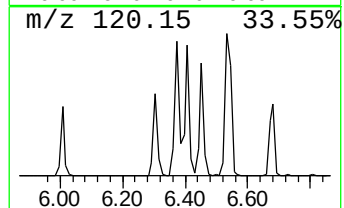
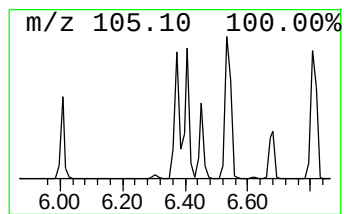
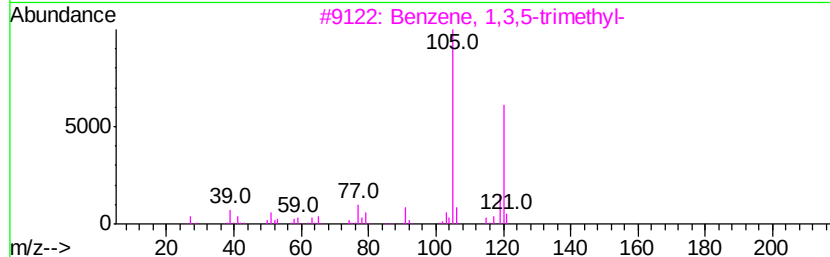
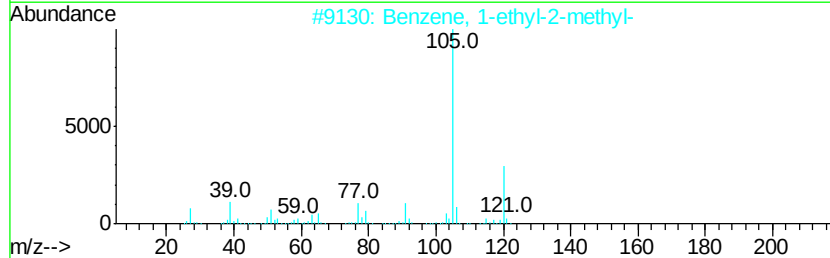
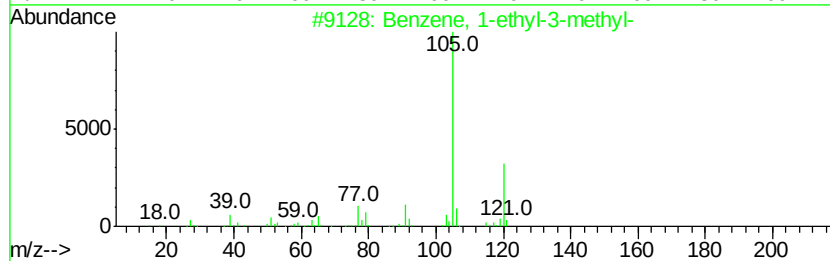
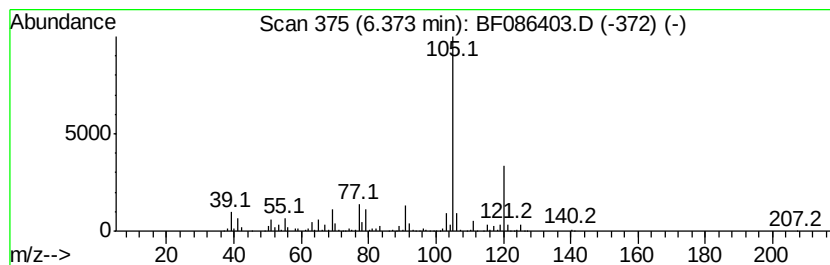
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	79.78 ng	8119370	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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Acq On : 23 Apr 2016 21:21
Operator : UM/SJ
Sample : H2648-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-W

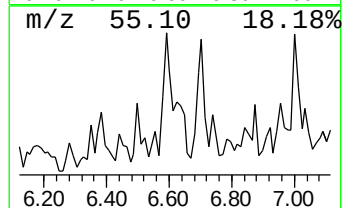
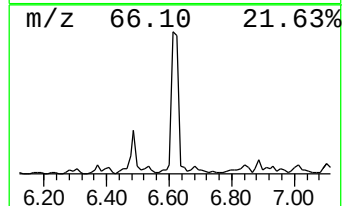
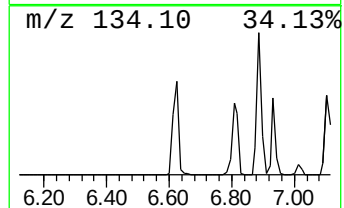
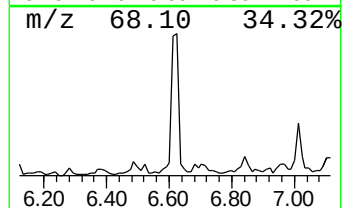
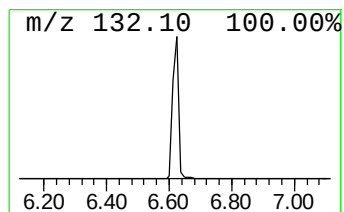
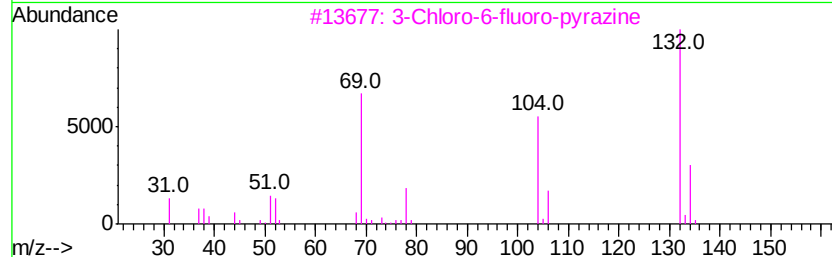
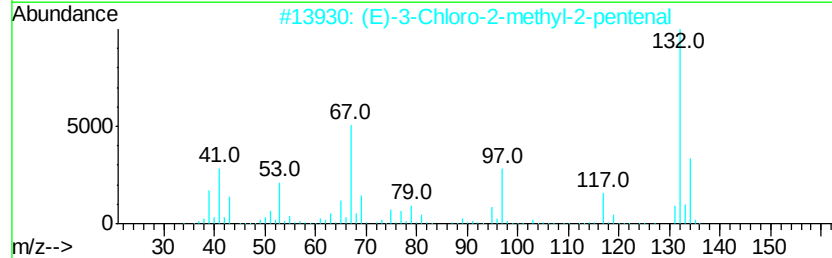
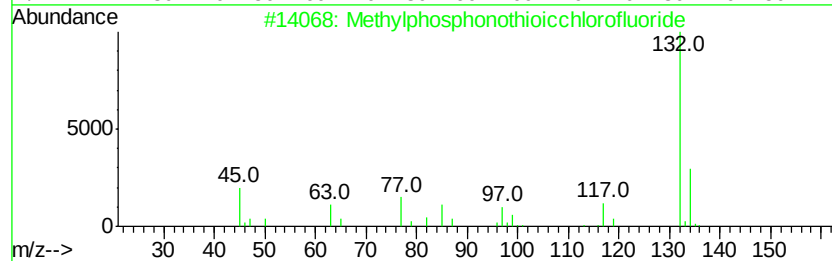
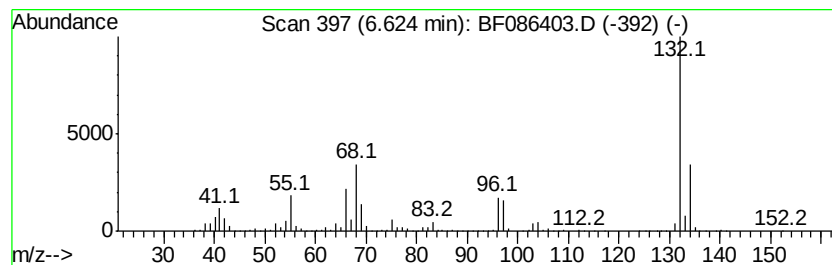
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.62 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	87.60 ng	8915210	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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Acq On : 23 Apr 2016 21:21
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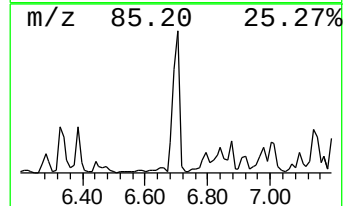
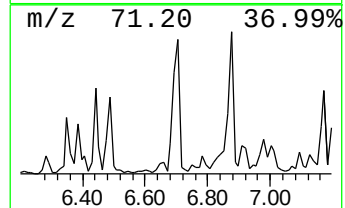
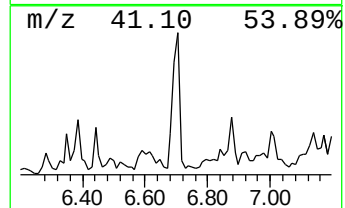
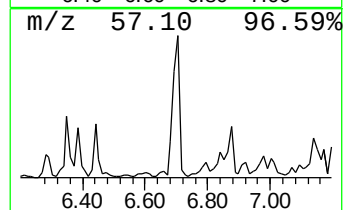
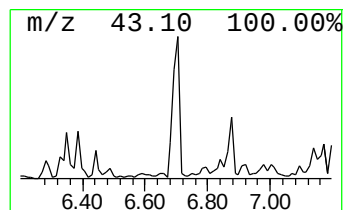
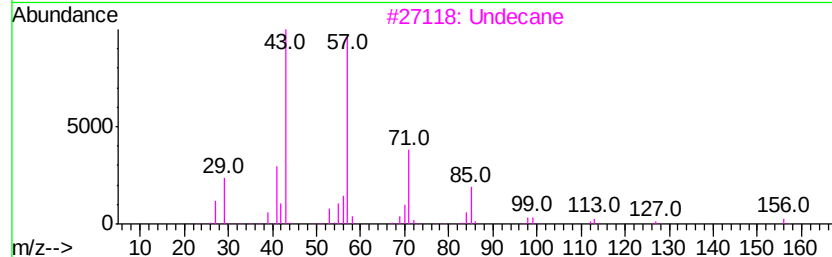
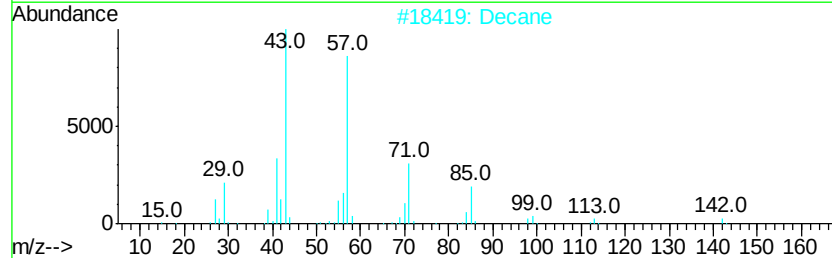
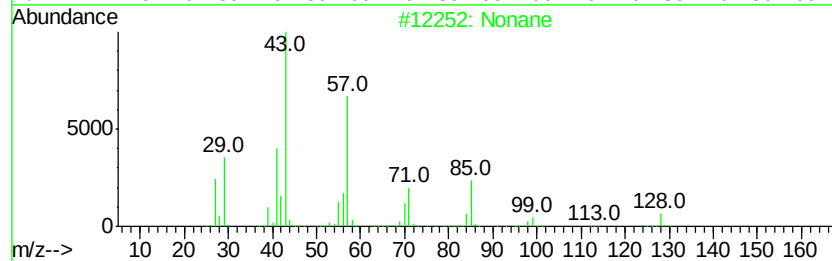
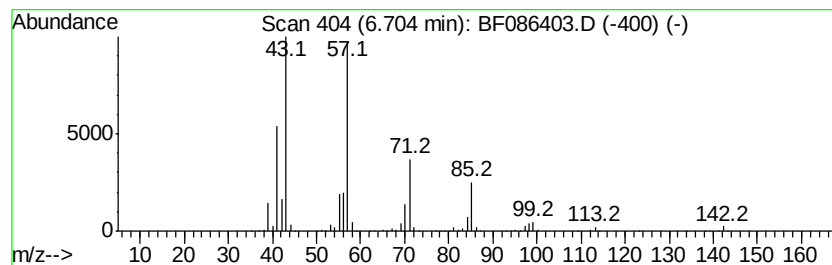
Instrument :
BNA_F
ClientSampleId :
WC-W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	132.90 ng	13526200	1,4-Dichlorobenzene-d4	6.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane		128 C9H20	000111-84-2 90
2	Decane		142 C10H22	000124-18-5 87
3	Undecane		156 C11H24	001120-21-4 83
4	1-Iodo-2-methylundecane		296 C12H25I	073105-67-6 83
5	Octane		114 C8H18	000111-65-9 72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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Operator : UM/SJ
Sample : H2648-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

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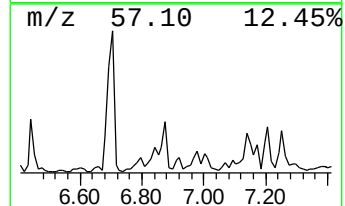
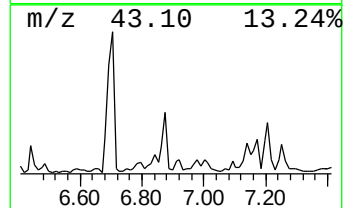
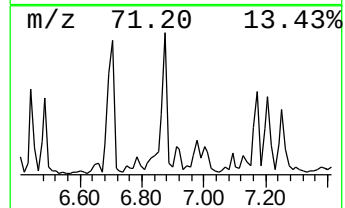
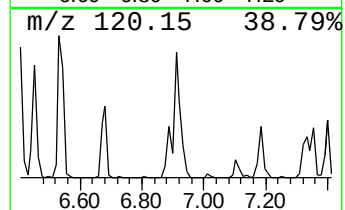
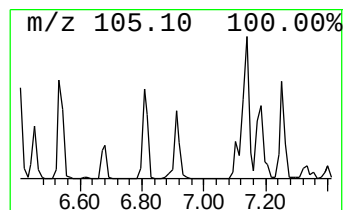
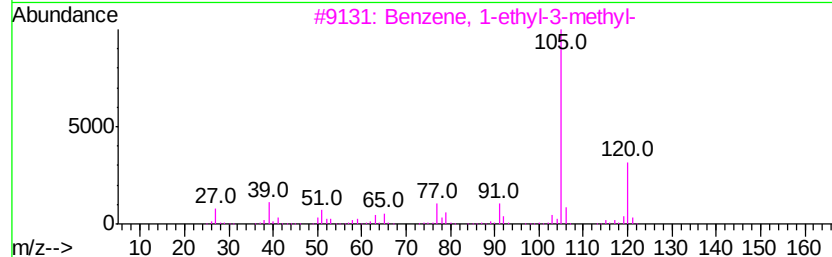
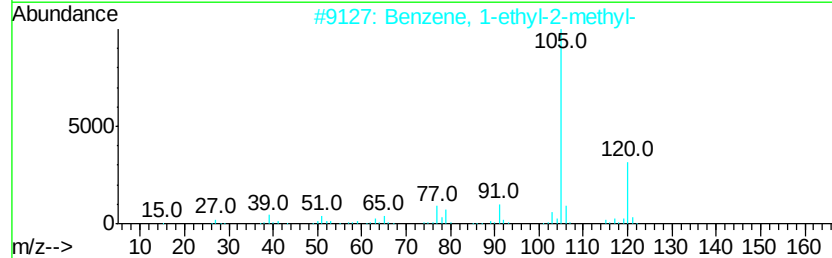
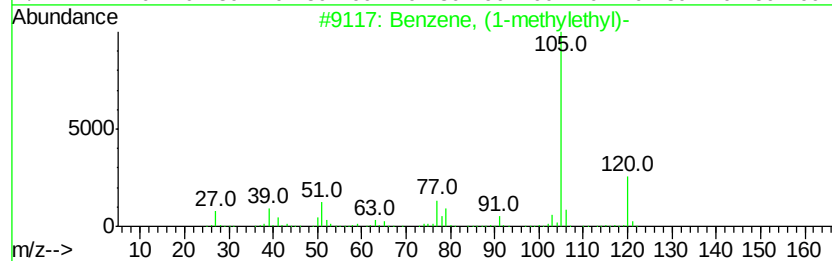
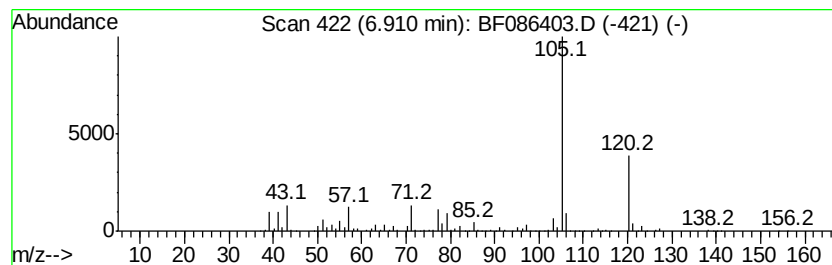
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	39.74 ng	4044190	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	62
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	62
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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Acq On : 23 Apr 2016 21:21
Operator : UM/SJ
Sample : H2648-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-W

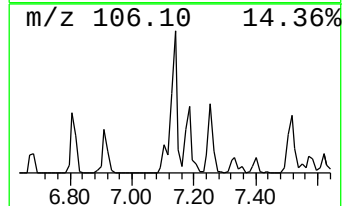
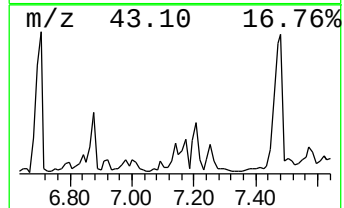
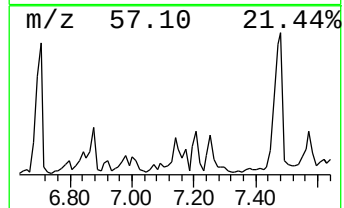
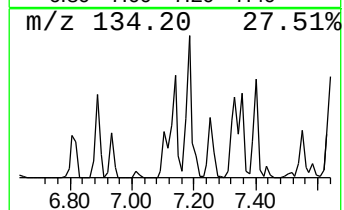
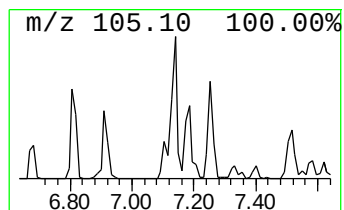
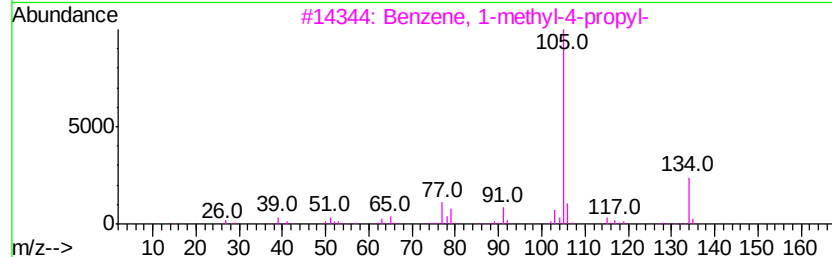
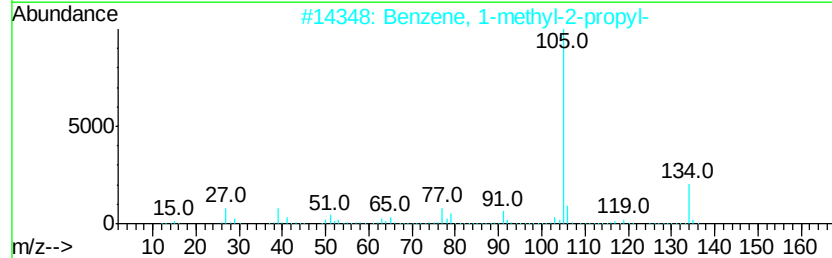
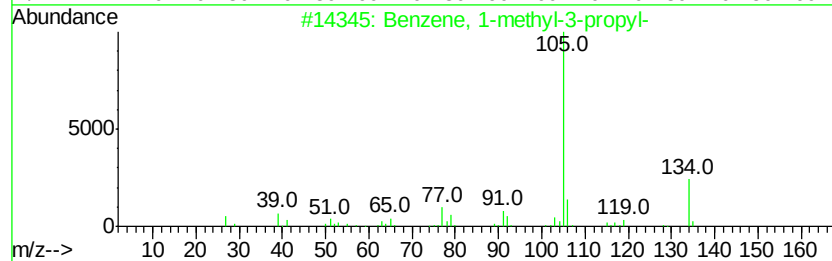
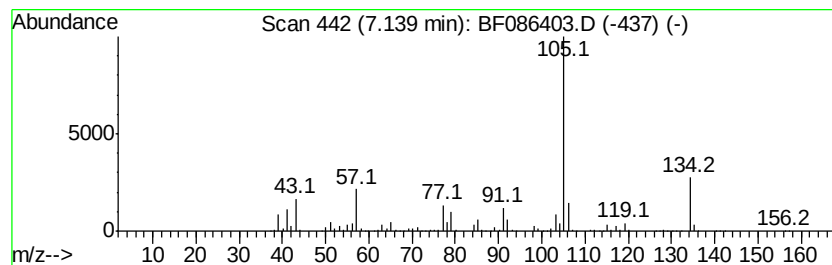
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	141.39 ng	14390000	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
5		2-Tolylloxirane	134	C9H10O	002783-26-8	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086403.D
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Sample : H2648-14
Misc :
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Instrument :
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ClientSampleId :
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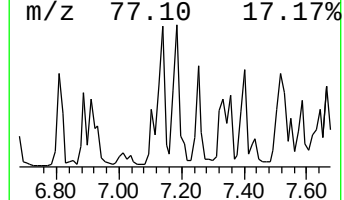
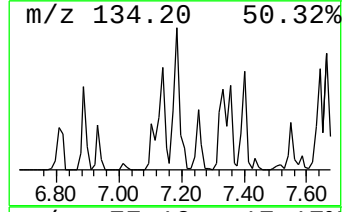
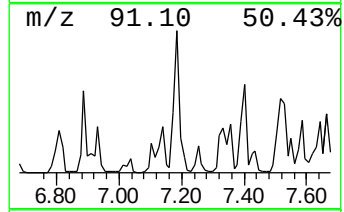
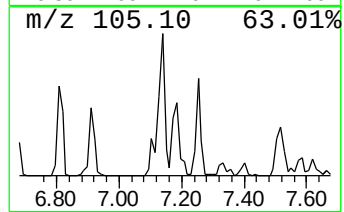
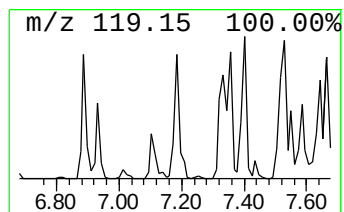
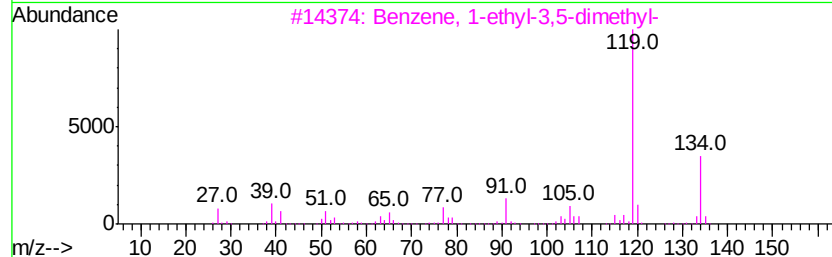
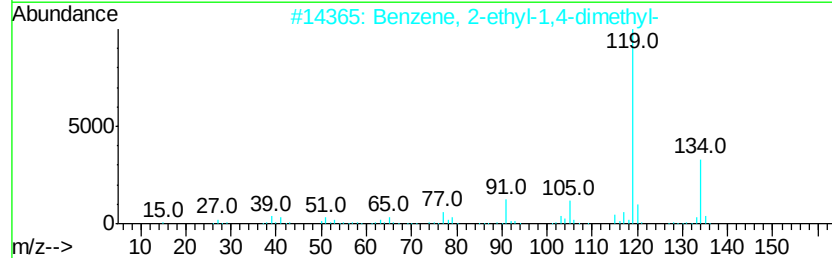
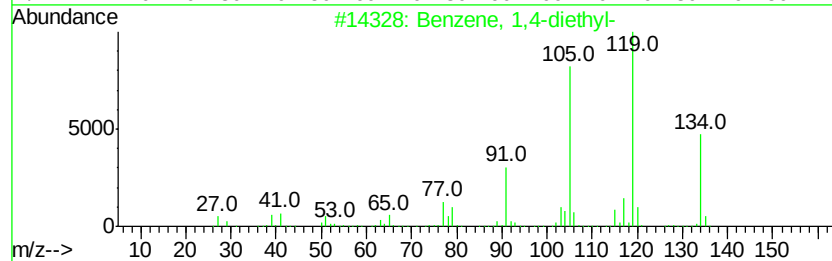
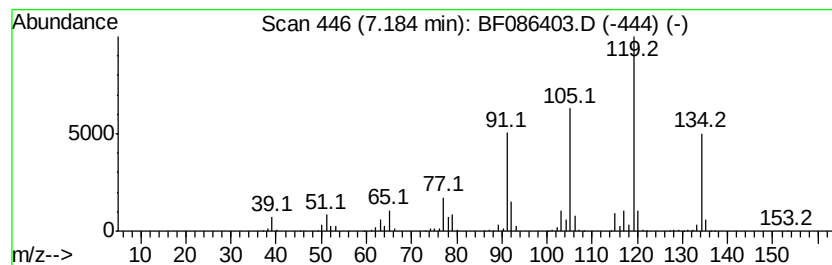
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	118.53 ng	12063200	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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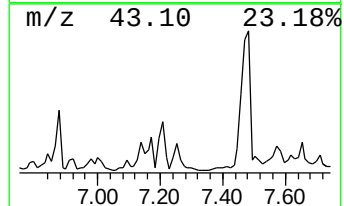
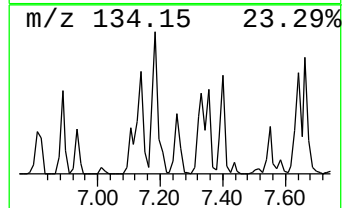
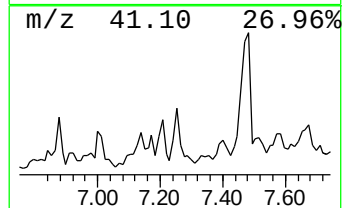
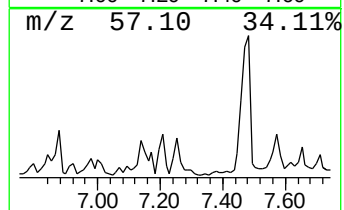
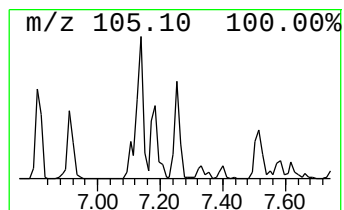
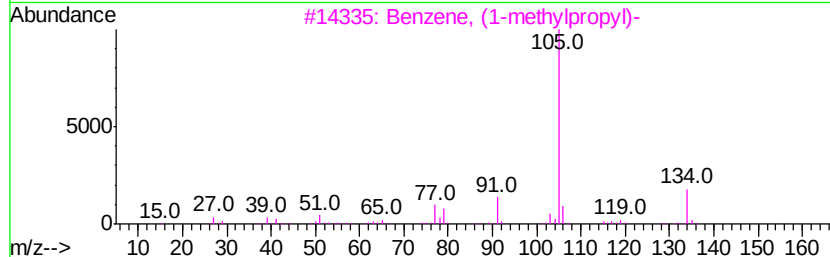
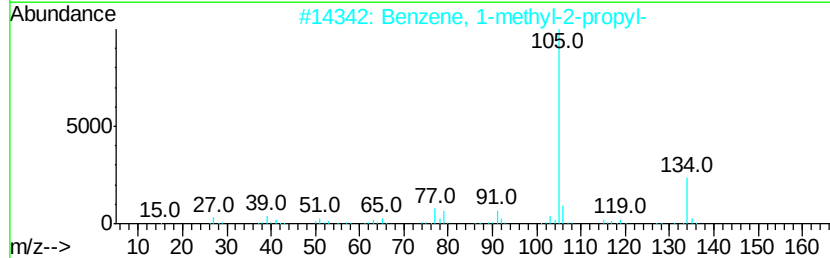
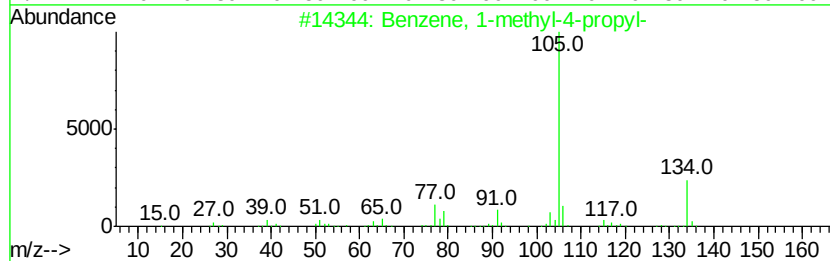
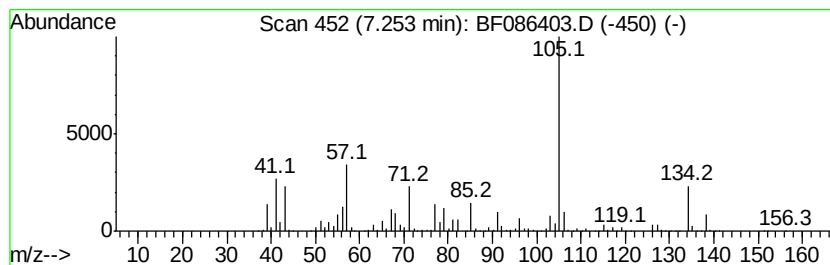
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	77.55 ng	7892800	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	55
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	55
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	55
5		2-Tolylloxirane	134	C9H10O	002783-26-8	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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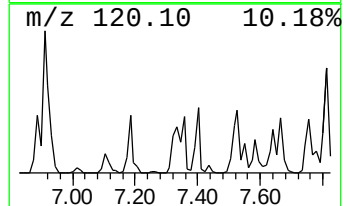
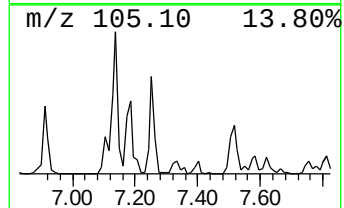
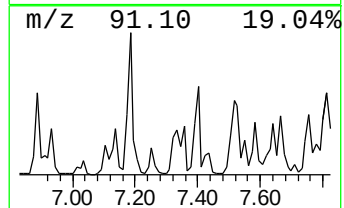
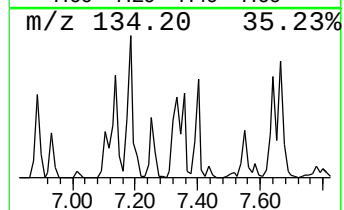
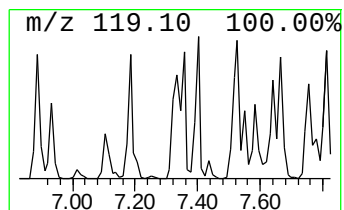
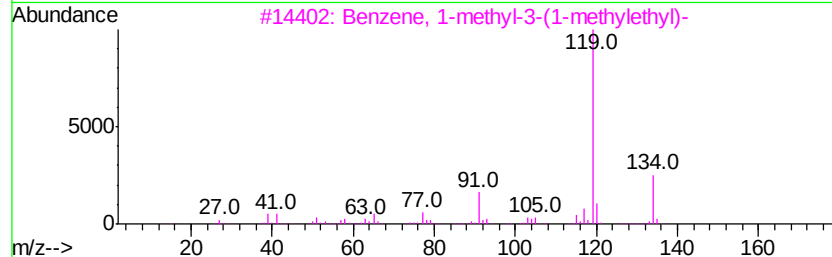
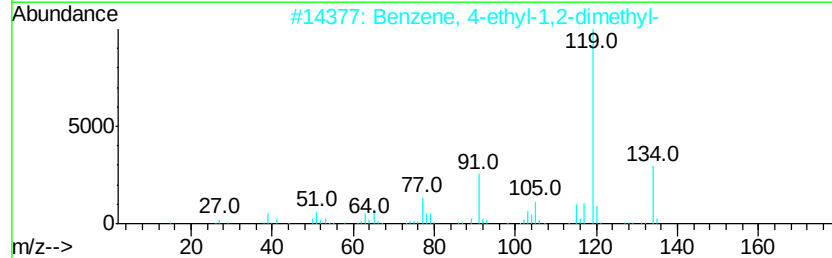
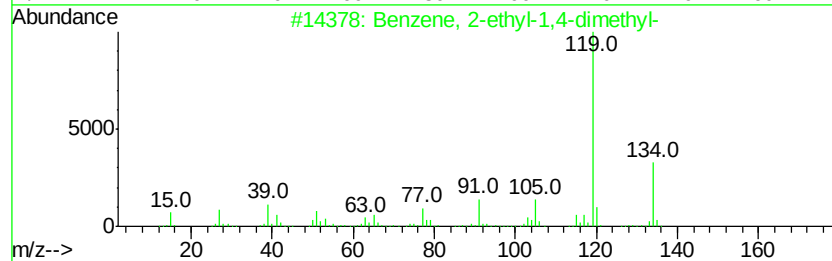
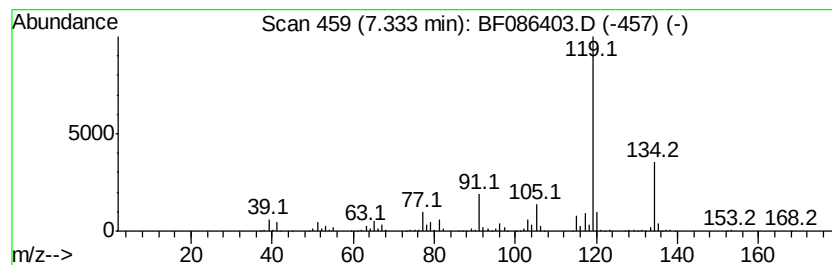
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	51.84 ng	5275880	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4			Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086403.D
Acq On : 23 Apr 2016 21:21
Operator : UM/SJ
Sample : H2648-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-W

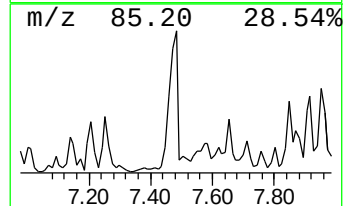
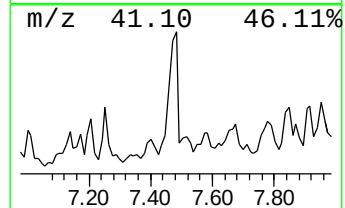
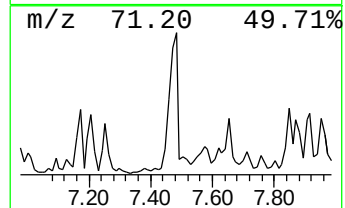
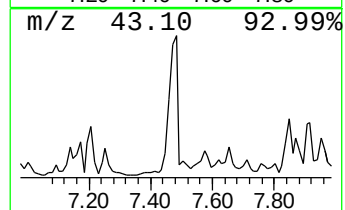
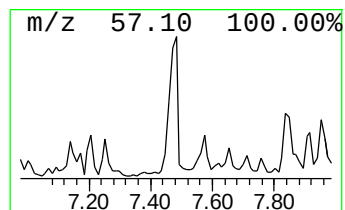
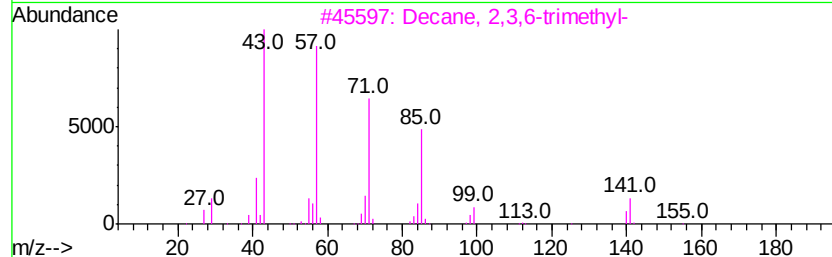
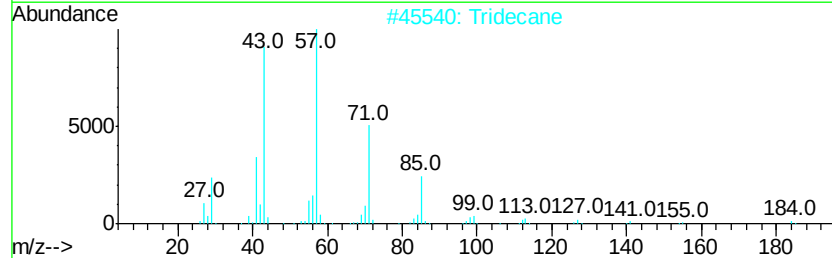
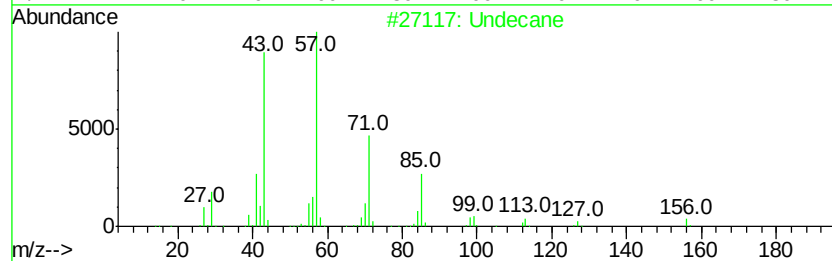
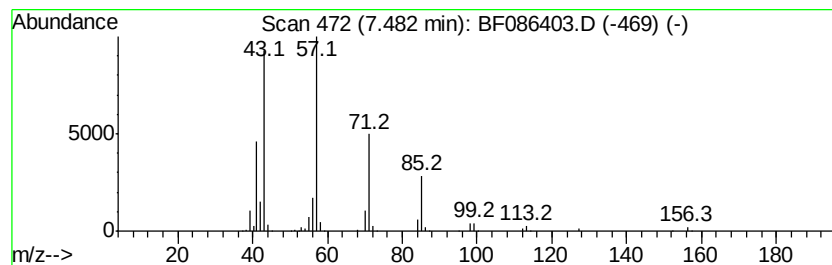
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	96.54 ng	9825530	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Tridecane	184	C13H28	000629-50-5	86
3		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	83
4		Hexadecane	226	C16H34	000544-76-3	83
5		Decane, 2-methyl-	156	C11H24	006975-98-0	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086403.D
Acq On : 23 Apr 2016 21:21
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ClientSampleId :
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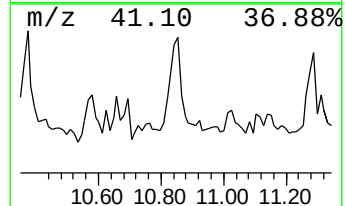
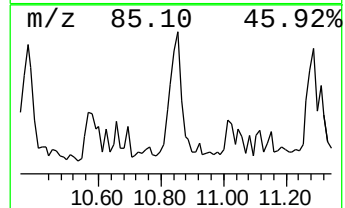
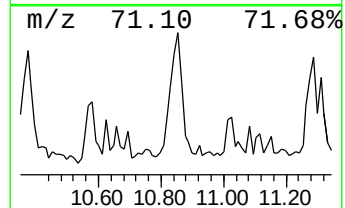
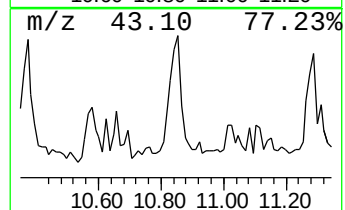
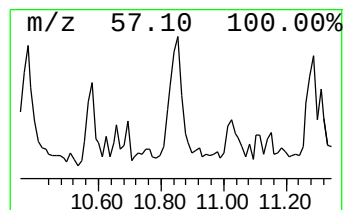
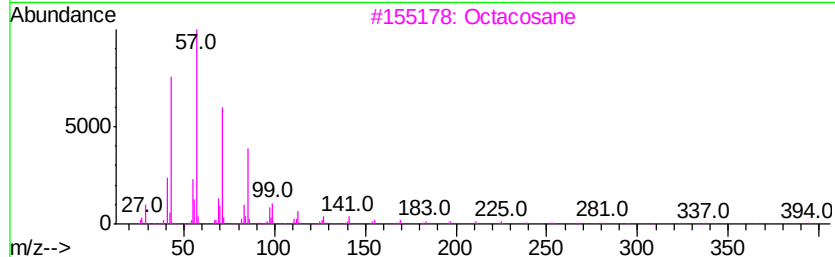
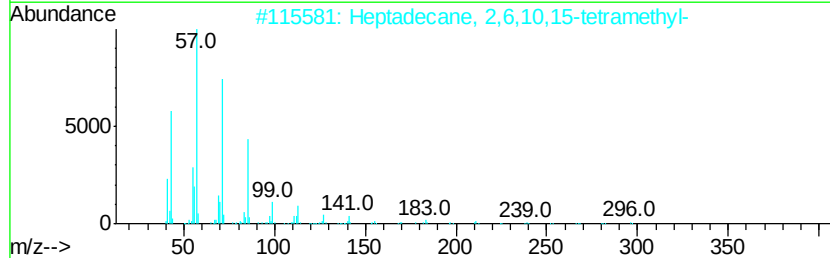
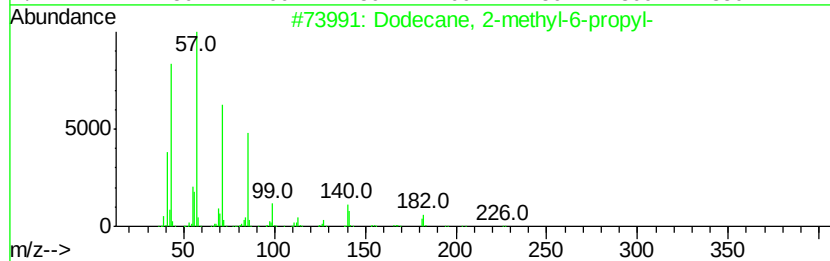
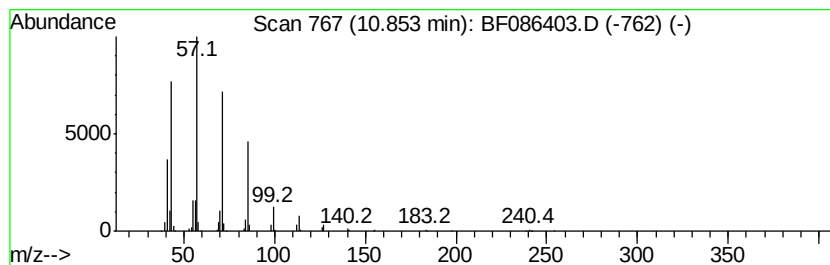
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	157.78 ng	11387100	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Octacosane	394	C28H58	000630-02-4	83
4		Eicosane	282	C20H42	000112-95-8	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086403.D
Acq On : 23 Apr 2016 21:21
Operator : UM/SJ
Sample : H2648-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

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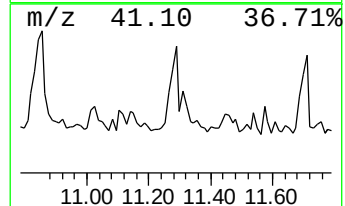
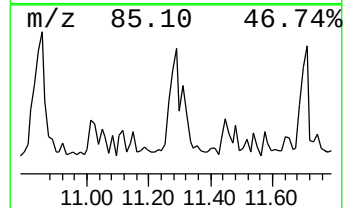
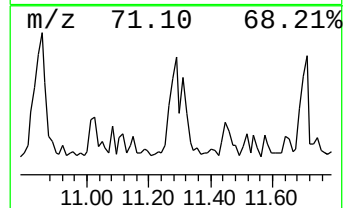
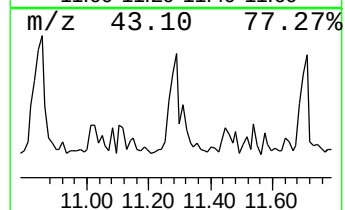
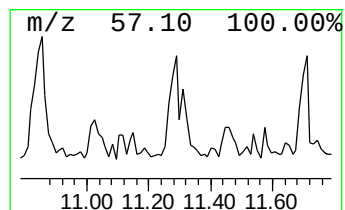
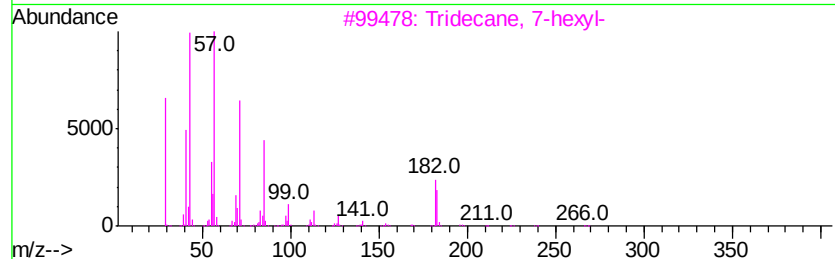
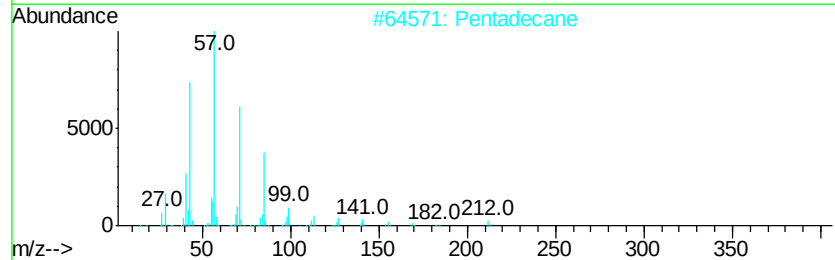
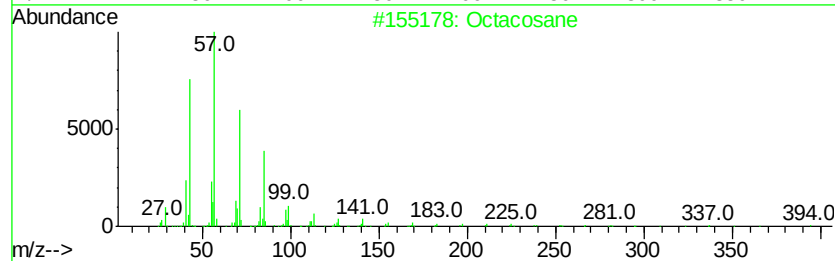
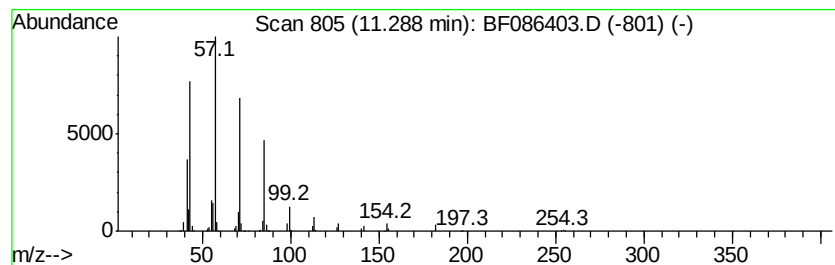
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	102.42 ng	7391850	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Pentadecane	212	C15H32	000629-62-9	83
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	78
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086403.D
Acq On : 23 Apr 2016 21:21
Operator : UM/SJ
Sample : H2648-14
Misc :
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Instrument :
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ClientSampled :
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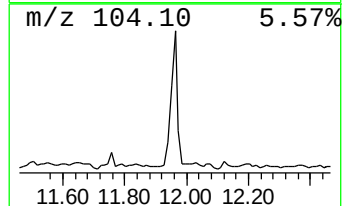
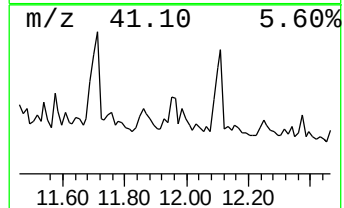
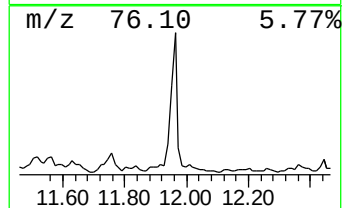
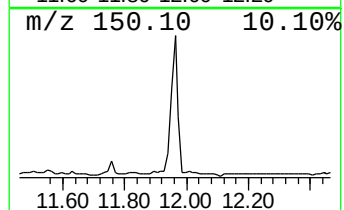
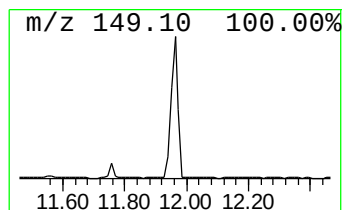
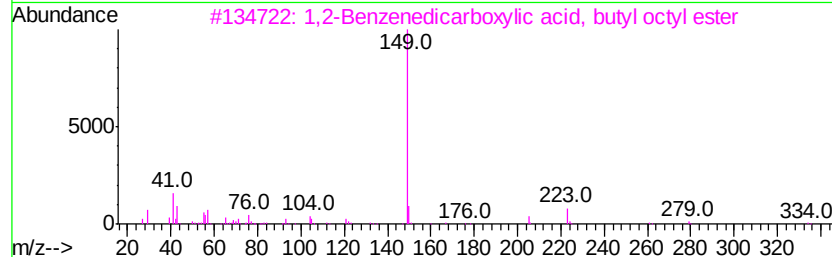
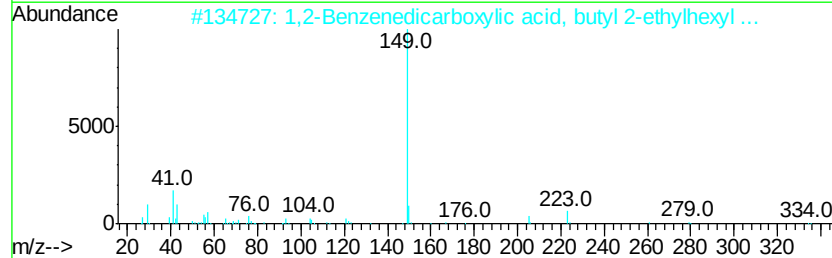
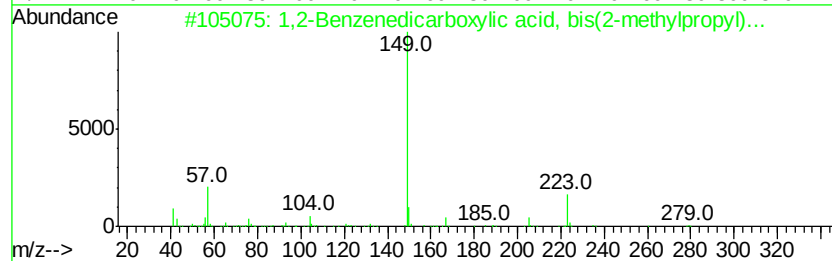
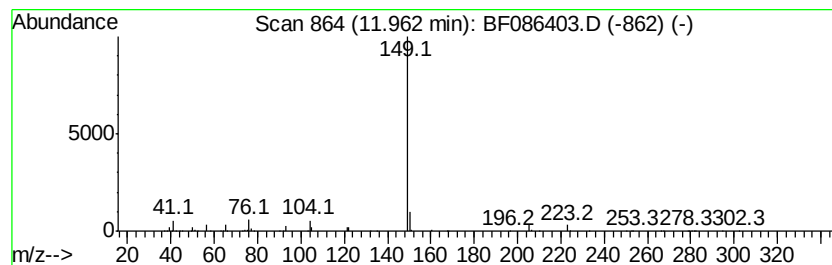
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,2-Benzenedicarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	78.36 ng	5655410	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	87
2		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	83
3		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	78
4		1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	78
5		1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086403.D
Acq On : 23 Apr 2016 21:21
Operator : UM/SJ
Sample : H2648-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

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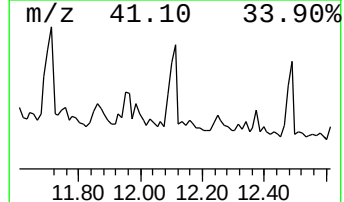
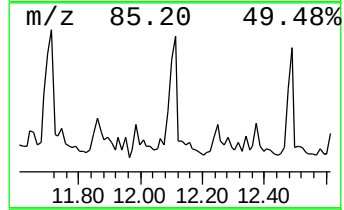
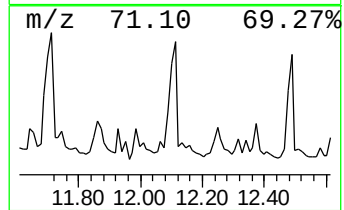
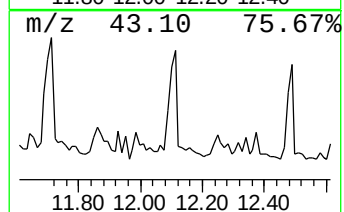
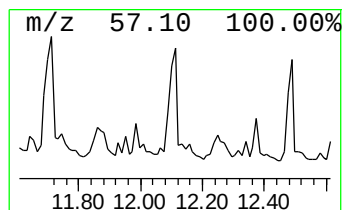
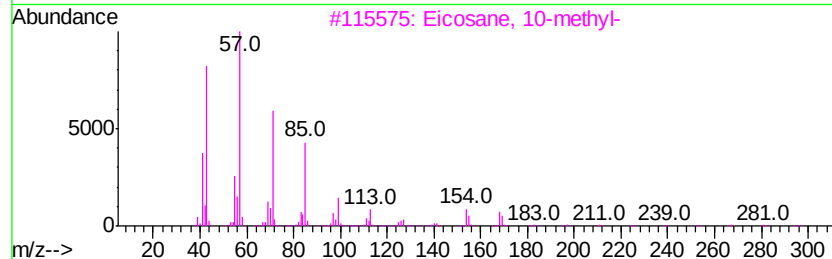
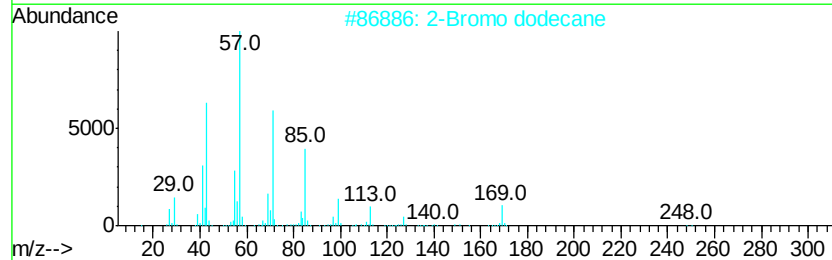
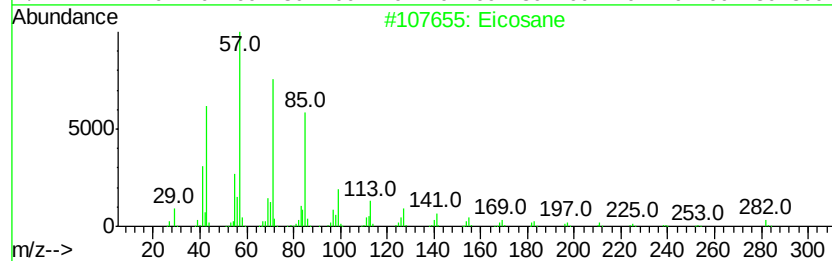
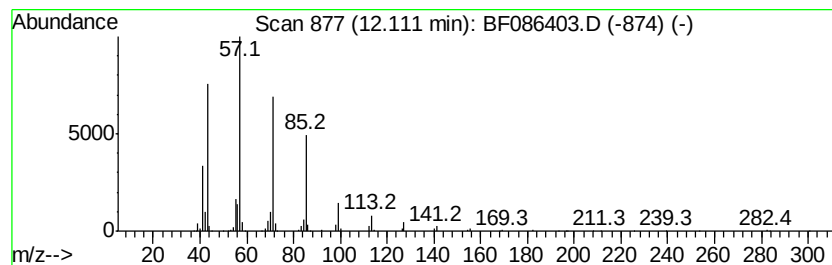
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	101.67 ng	7337550	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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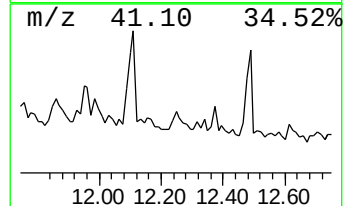
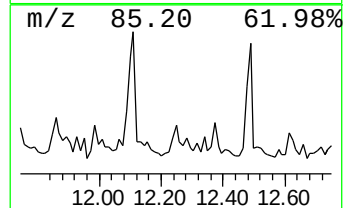
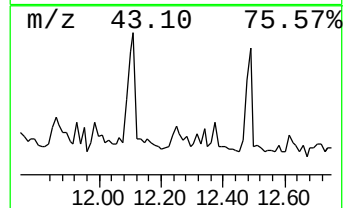
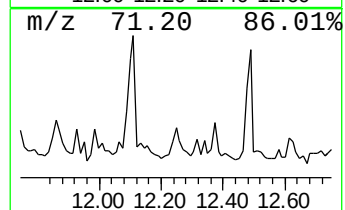
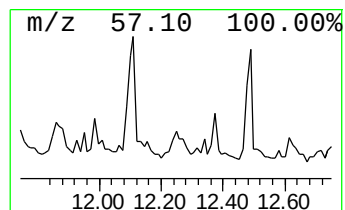
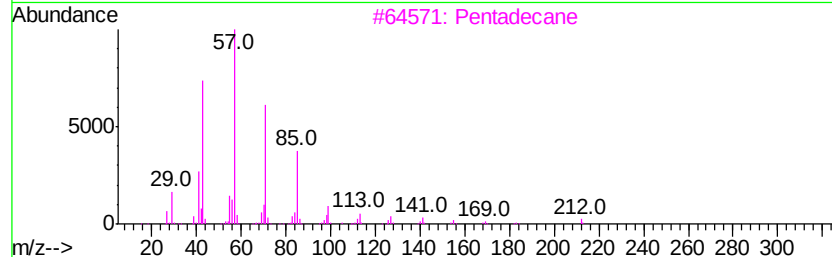
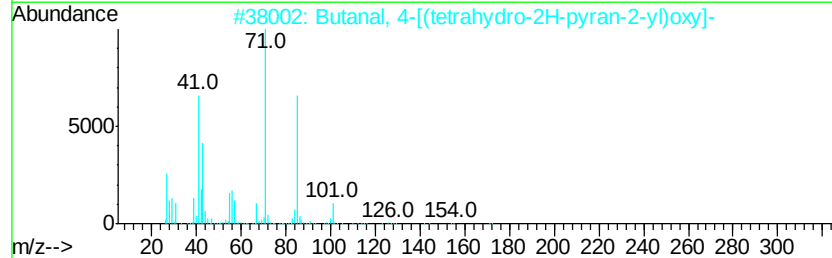
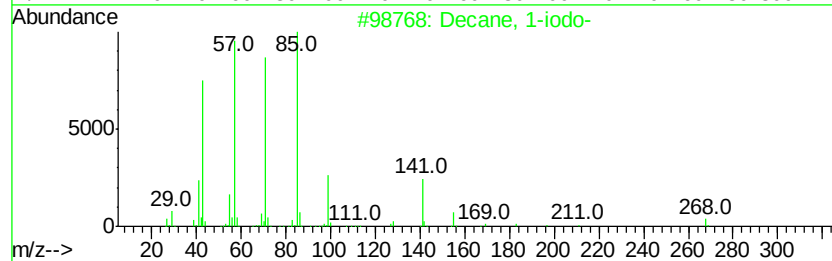
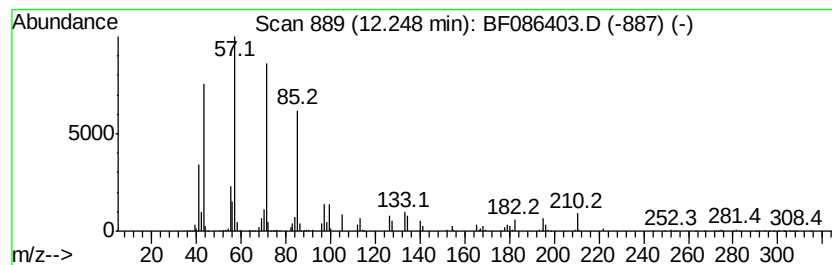
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Decane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.25	41.00 ng	2959060	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
2	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	53
3	Pentadecane	212	C15H32	000629-62-9	53
4	10-Methylnonadecane	282	C20H42	056862-62-5	49
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086403.D
Acq On : 23 Apr 2016 21:21
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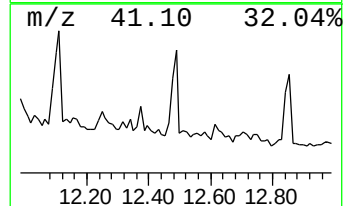
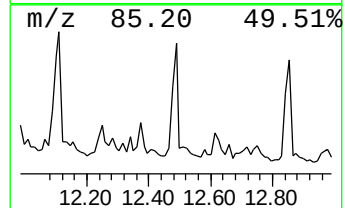
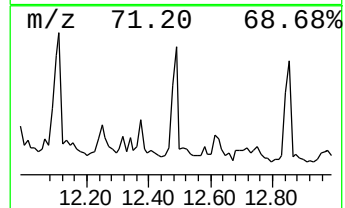
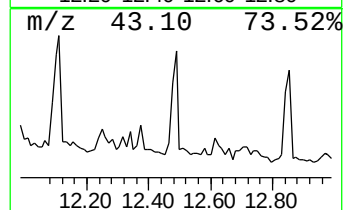
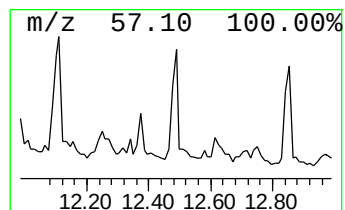
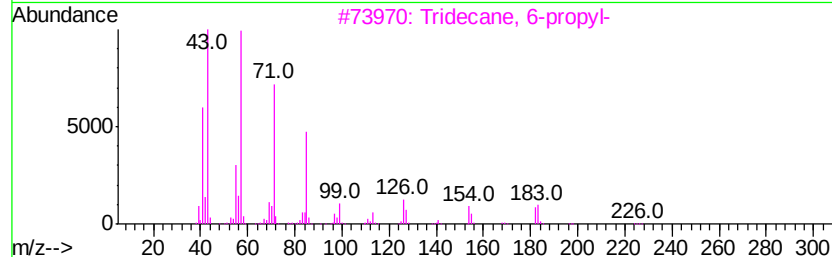
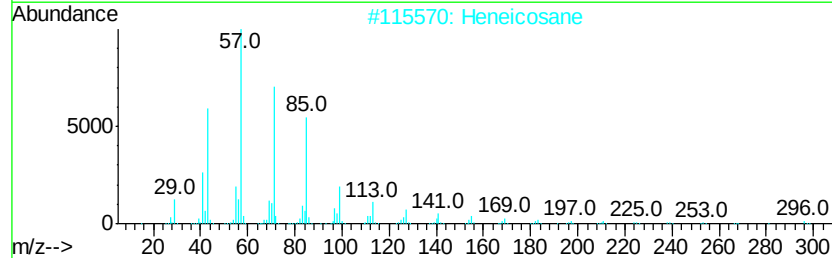
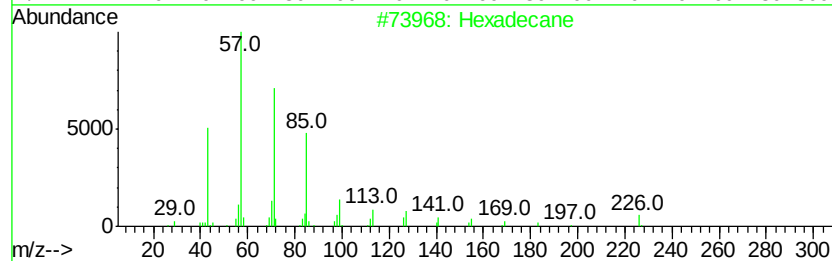
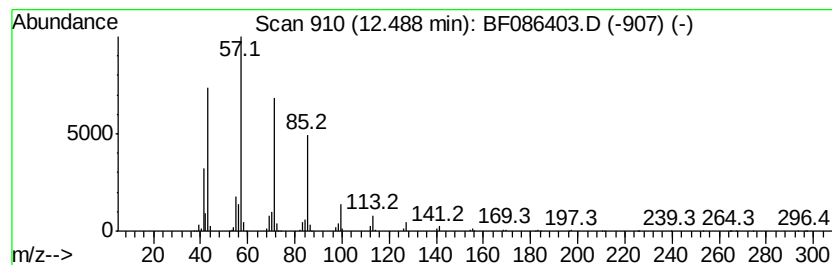
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	92.60 ng	6683230	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Heneicosane	296	C21H44	000629-94-7	94
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086403.D
 Acq On : 23 Apr 2016 21:21
 Operator : UM/SJ
 Sample : H2648-14
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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
Cyclopentane, 1-e...	6.10	51.5	ng	5246220	1	6.85	2035550	20.0
Benzene, propyl-	6.30	46.3	ng	4708660	1	6.85	2035550	20.0
Benzene, 1-ethyl-...	6.37	79.8	ng	8119370	1	6.85	2035550	20.0
unknown6.62	6.62	87.6	ng	8915210	1	6.85	2035550	20.0
Nonane	6.70	132.9	ng	13526200	1	6.85	2035550	20.0
Benzene, (1-methy...	6.91	39.7	ng	4044190	1	6.85	2035550	20.0
Benzene, 1-methyl...	7.14	141.4	ng	14390000	1	6.85	2035550	20.0
Benzene, 1,4-diet...	7.18	118.5	ng	12063200	1	6.85	2035550	20.0
Benzene, 1-methyl...	7.25	77.5	ng	7892800	1	6.85	2035550	20.0
Benzene, 2-ethyl-...	7.33	51.8	ng	5275880	1	6.85	2035550	20.0
Undecane	7.48	96.5	ng	9825530	1	6.85	2035550	20.0
Dodecane, 2-methy...	10.85	157.8	ng	11387100	4	11.40	1443390	20.0
Octacosane	11.29	102.4	ng	7391850	4	11.40	1443390	20.0
1,2-Benzenedicarb...	11.96	78.4	ng	5655410	4	11.40	1443390	20.0
Eicosane	12.11	101.7	ng	7337550	4	11.40	1443390	20.0
Decane, 1-iodo-	12.25	41.0	ng	2959060	4	11.40	1443390	20.0
Hexadecane	12.49	92.6	ng	6683230	4	11.40	1443390	20.0