

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086055.D
 Acq On : 4 Apr 2016 23:33
 Operator : UM/SJ
 Sample : H2166-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-OFL4-AND-L5

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-BF040216.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	5.367	285	287	297	rBV	2671843	2934918	46.11%	2.215%
2	5.996	340	342	345	rVB	161063	182051	2.86%	0.137%
3	6.190	356	359	361	rBV	92697	134736	2.12%	0.102%
4	6.282	366	367	372	rVB4	99743	161453	2.54%	0.122%
5	6.419	376	379	381	rBV	2445438	2968790	46.64%	2.241%
6	6.499	384	386	387	rBV	110285	133303	2.09%	0.101%
7	6.533	387	389	392	rVB	2477340	2884846	45.32%	2.178%
8	6.602	392	395	398	rBV3	318299	419435	6.59%	0.317%
9	6.705	400	404	405	rBV2	78071	143683	2.26%	0.108%
10	6.762	407	409	413	rVB2	724369	1074311	16.88%	0.811%
11	6.819	413	414	416	rBV	228786	243491	3.83%	0.184%
12	6.887	418	420	421	rBV	90991	137035	2.15%	0.103%
13	6.922	421	423	425	rBV	2529751	2531053	39.76%	1.911%
14	7.047	426	434	435	rBV5	283613	643884	10.12%	0.486%
15	7.082	435	437	438	rBV2	294808	417748	6.56%	0.315%
16	7.150	442	443	445	rBV2	402242	562592	8.84%	0.425%
17	7.253	449	452	454	rBV2	166795	362390	5.69%	0.274%
18	7.333	457	459	461	rVB	1538925	1504945	23.64%	1.136%
19	7.367	461	462	464	rVB	1161051	867985	13.64%	0.655%
20	7.413	464	466	468	rVB3	447134	655850	10.30%	0.495%
21	7.482	468	472	474	rBV3	455868	920601	14.46%	0.695%
22	7.573	474	480	482	rBV4	685637	1480851	23.26%	1.118%
23	7.688	484	490	493	rBV6	699977	1909092	29.99%	1.441%
24	7.733	493	494	496	rVB2	277064	327796	5.15%	0.247%
25	7.790	496	499	503	rBV4	451892	1257793	19.76%	0.949%
26	7.870	503	506	509	rBV4	333051	640505	10.06%	0.483%
27	7.928	509	511	513	rBV2	203725	419871	6.60%	0.317%
28	8.008	515	518	519	rBV3	499150	820389	12.89%	0.619%
29	8.042	519	521	523	rBV2	2306745	2782287	43.71%	2.100%
30	8.122	523	528	529	rBV2	1404975	1689219	26.54%	1.275%
31	8.145	529	530	532	rVB	356310	260615	4.09%	0.197%
32	8.213	534	536	539	rBV4	283613	725967	11.40%	0.548%
33	8.259	539	540	541	rVB	217363	149111	2.34%	0.113%
34	8.350	544	548	551	rBV5	716831	1853873	29.12%	1.399%

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35	8.408	551	553	554 rVB	344695	459869	7.22%	0.347%
36	8.442	554	556	557 rVB	720957	974999	15.32%	0.736%
37	8.488	557	560	562 rBV	1573759	3149398	49.48%	2.377%
38	8.556	564	566	568 rBV2	358467	540583	8.49%	0.408%
39	8.613	568	571	572 rBV3	240336	401862	6.31%	0.303%
40	8.659	572	575	576 rBV	2347066	3341276	52.49%	2.522%
41	8.705	576	579	581 rVB3	193685	324555	5.10%	0.245%
42	8.750	581	583	586 rVB2	787452	1671983	26.27%	1.262%
43	8.796	586	587	588 rBV	385499	389699	6.12%	0.294%
44	8.865	591	593	595 rBV	941316	966855	15.19%	0.730%
45	8.956	598	601	604 rBV4	758942	1964296	30.86%	1.483%
46	9.013	604	606	608 rBV3	677779	1126959	17.70%	0.851%
47	9.082	610	612	614 rVB	1503644	1531731	24.06%	1.156%
48	9.128	614	616	619 rVB	1884728	2605208	40.93%	1.966%
49	9.231	621	625	626 rBV2	2986242	5100553	80.13%	3.850%
50	9.265	626	628	630 rBV3	296085	630456	9.90%	0.476%
51	9.402	637	640	642 rVB	1273627	1899676	29.84%	1.434%
52	9.448	642	644	645 rBV	461275	782299	12.29%	0.591%
53	9.471	645	646	648 rVV2	1590639	2258313	35.48%	1.705%
54	9.528	648	651	656 rVB4	2150858	5640726	88.61%	4.258%
55	9.676	662	664	666 rBV2	1373473	1609068	25.28%	1.215%
56	9.722	666	668	669 rVV	2081715	1949871	30.63%	1.472%
57	9.756	669	671	673 rVV	2798048	3183031	50.00%	2.403%
58	9.791	673	674	677 rVB3	1338329	1971393	30.97%	1.488%
59	9.848	677	679	684 rVB3	649544	1051521	16.52%	0.794%
60	9.916	684	685	687 rVB	950279	1113820	17.50%	0.841%
61	9.973	687	690	692 rBV4	683056	1444448	22.69%	1.090%
62	10.019	692	694	696 rVB2	932184	1312949	20.63%	0.991%
63	10.065	696	698	702 rVB3	1306492	2308888	36.27%	1.743%
64	10.133	702	704	705 rBV	1097345	1105295	17.36%	0.834%
65	10.213	710	711	713 rBV	1128729	2125166	33.39%	1.604%
66	10.259	713	715	717 rVB	2507320	3071591	48.25%	2.319%
67	10.351	722	723	727 rBV4	680755	1360590	21.37%	1.027%
68	10.465	730	733	736 rVB2	1873732	2923257	45.92%	2.207%
69	10.579	742	743	744 rBV	724552	556839	8.75%	0.420%
70	10.728	753	756	760 rVB2	3124176	6365488	100.00%	4.805%
71	10.796	760	762	766 rVB3	348234	548409	8.62%	0.414%

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72	10.911	769	772	773	rBV3	446875	781562	12.28%	0.590%
73	11.036	781	783	788	rBV5	647912	1211069	19.03%	0.914%
74	11.174	792	795	796	rBV	2420800	3304773	51.92%	2.495%
75	11.299	804	806	814	rBV4	616541	2148579	33.75%	1.622%
76	11.402	814	815	816	rVV	348701	405340	6.37%	0.306%
77	11.471	819	821	822	rVV	498608	588631	9.25%	0.444%
78	11.539	825	827	829	rVV2	618617	886599	13.93%	0.669%
79	11.596	829	832	833	rVV	2150391	3159201	49.63%	2.385%
80	11.631	833	835	837	rVB3	172815	313927	4.93%	0.237%
81	11.745	843	845	848	rBV2	258431	454792	7.14%	0.343%
82	11.791	848	849	850	rVV	401908	409683	6.44%	0.309%
83	11.825	850	852	855	rVV2	566645	885777	13.92%	0.669%
84	11.905	855	859	863	rVV4	529738	1566300	24.61%	1.182%
85	11.996	865	867	868	rBV	2364597	2461200	38.66%	1.858%
86	12.031	868	870	873	rVB4	123419	253710	3.99%	0.192%
87	12.237	887	888	889	rVB	219556	150506	2.36%	0.114%
88	12.271	889	891	895	rVB	468516	744775	11.70%	0.562%
89	12.339	895	897	898	rBV2	342001	360111	5.66%	0.272%
90	12.374	898	900	903	rVB	1644090	1818371	28.57%	1.373%
91	12.419	903	904	908	rVB3	105188	123277	1.94%	0.093%
92	12.499	910	911	914	rVB2	188368	243025	3.82%	0.183%
93	12.751	929	933	935	rVV2	1114926	1457390	22.90%	1.100%
94	12.785	935	936	938	rVB2	128960	140688	2.21%	0.106%
95	12.877	941	944	946	rVB	1659339	2291523	36.00%	1.730%
96	13.094	961	963	965	rBV	480207	651243	10.23%	0.492%
97	13.437	991	993	995	rVB	303415	298595	4.69%	0.225%
98	13.768	1019	1022	1027	rVB	261552	327762	5.15%	0.247%
99	13.917	1033	1035	1042	rVB	511983	666452	10.47%	0.503%
100	15.323	1156	1158	1161	rBV	293690	409870	6.44%	0.309%

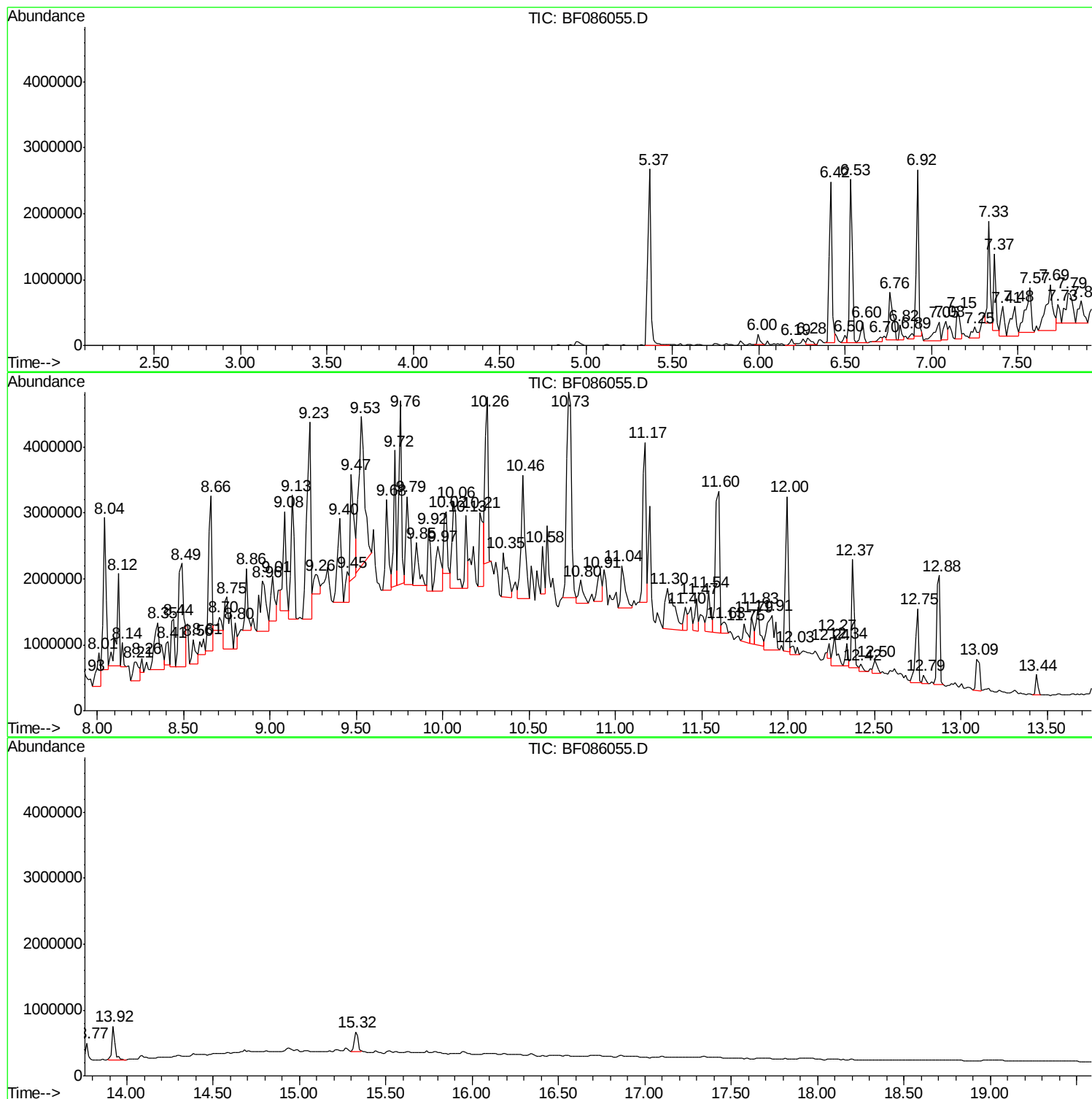
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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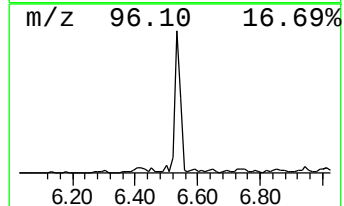
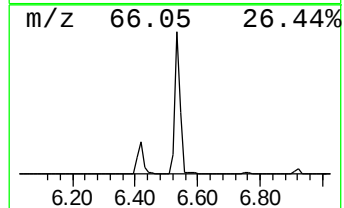
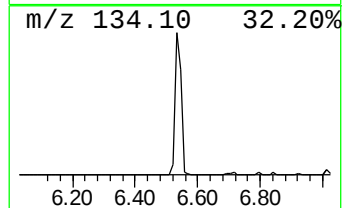
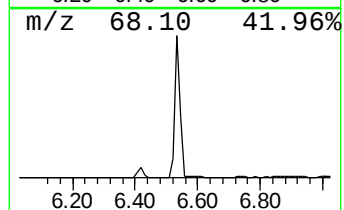
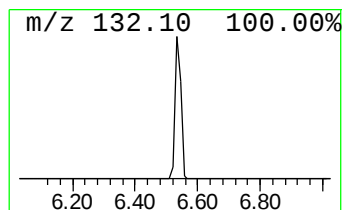
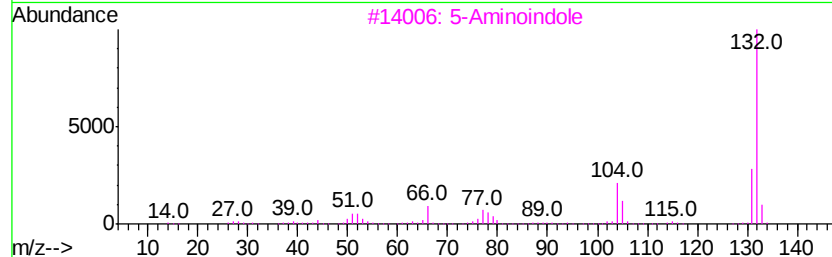
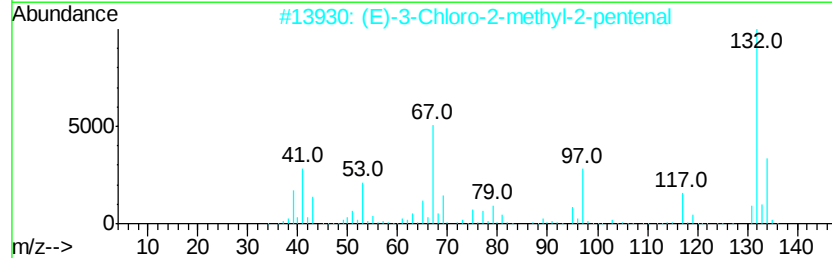
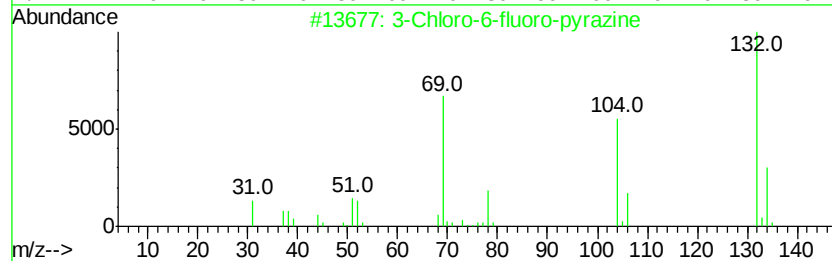
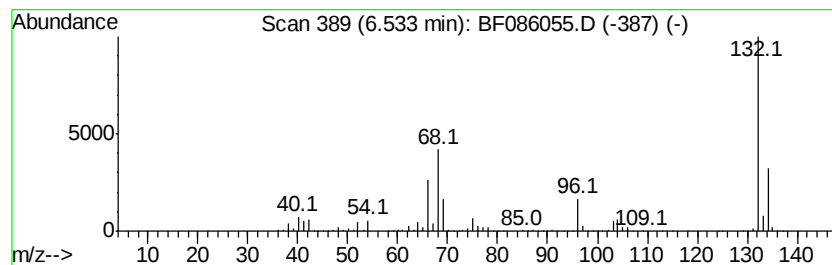
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	53.71 ng	2884850	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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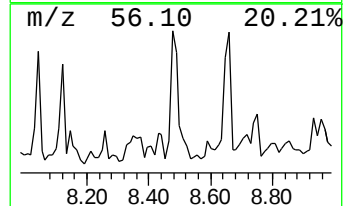
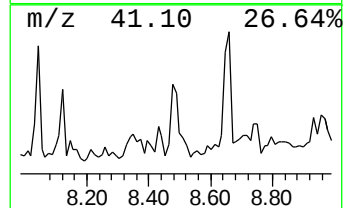
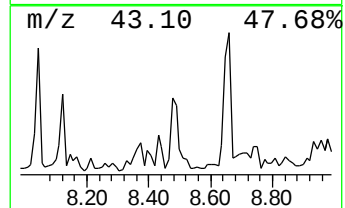
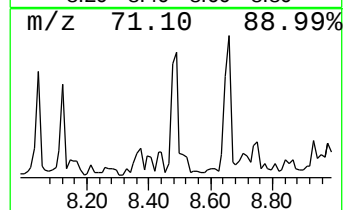
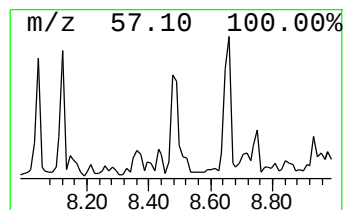
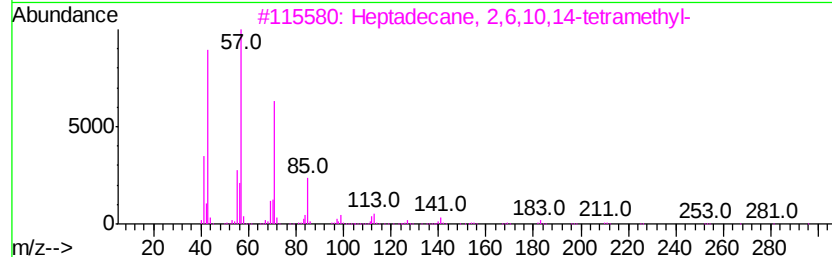
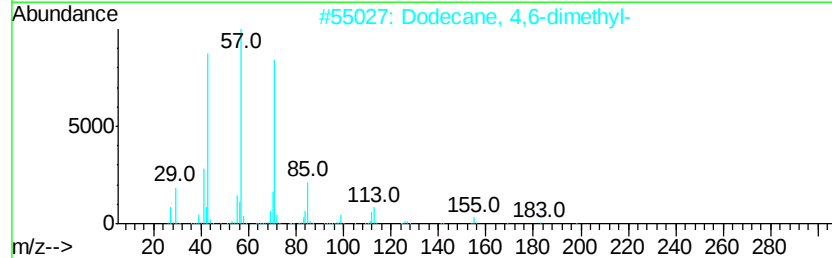
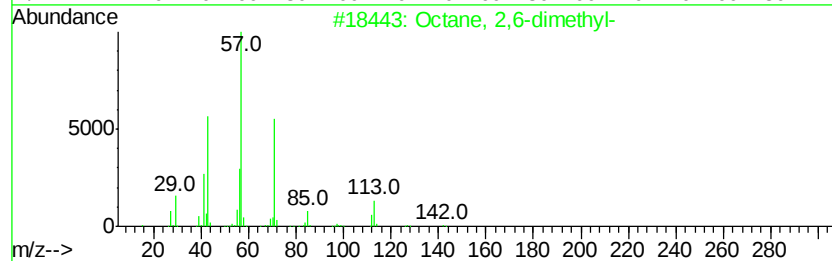
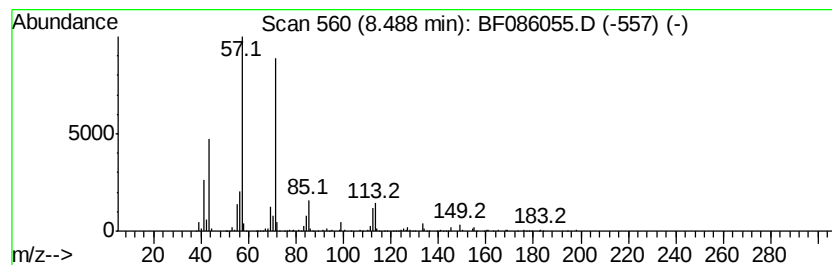
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	22.64 ng	3149400	Naphthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



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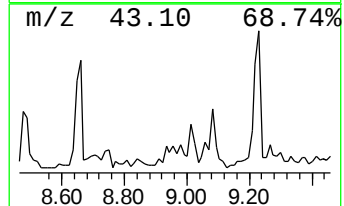
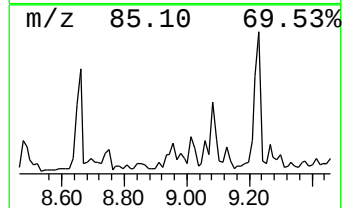
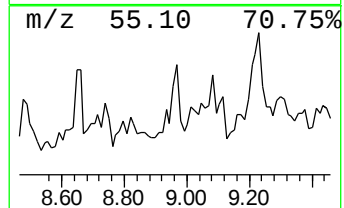
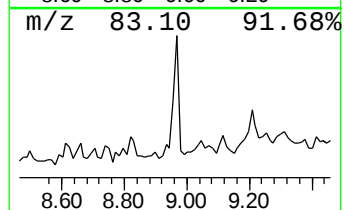
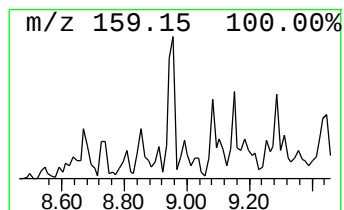
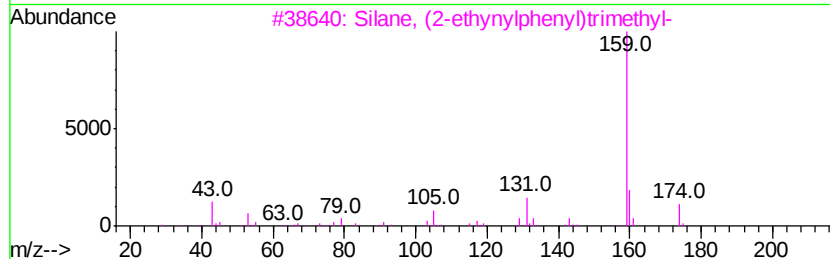
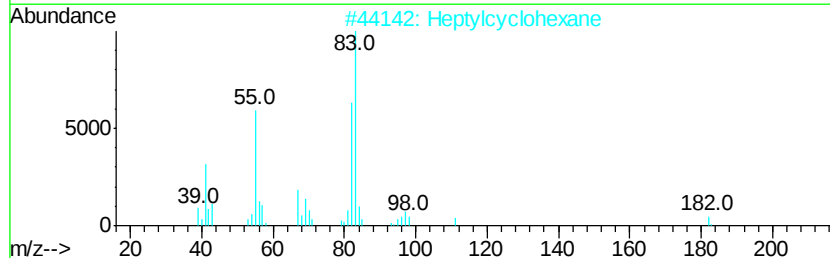
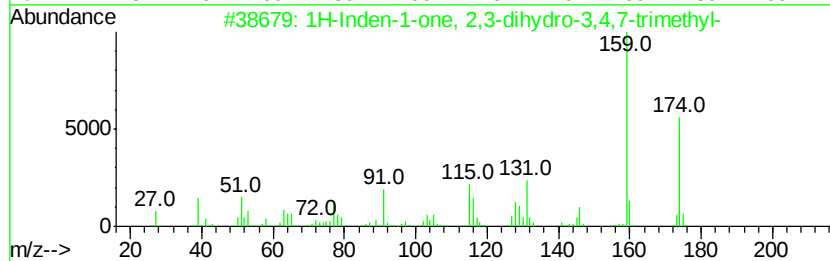
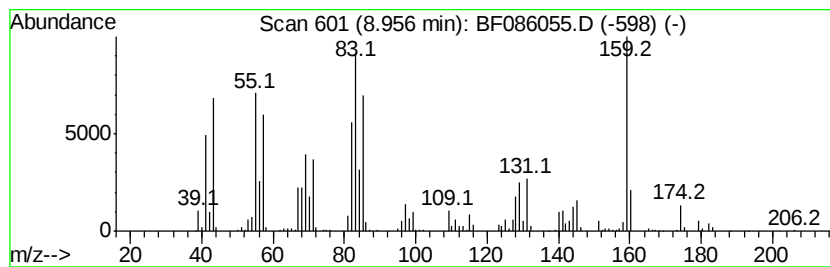
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Peak Number 5 unknown8.96 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	19.93 ng	1964300	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	30
2		Heptylcyclohexane	182	C13H26	005617-41-4	30
3		Silane, (2-ethynylphenyl)trimethyl-	174	C11H14Si	078905-09-6	25
4		Silane, trimethyl(phenylethynyl)-	174	C11H14Si	002170-06-1	25
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086055.D
Acq On : 4 Apr 2016 23:33
Operator : UM/SJ
Sample : H2166-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-OFL4-AND-L5

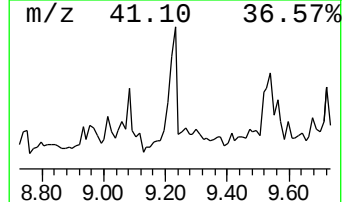
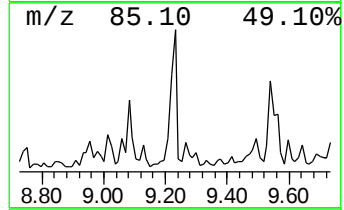
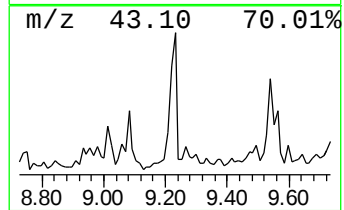
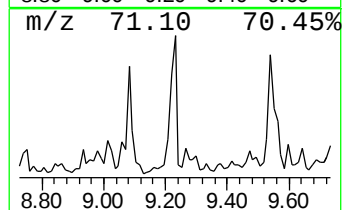
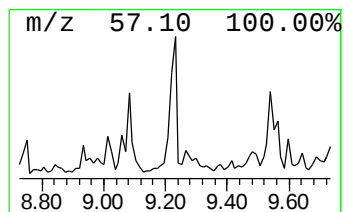
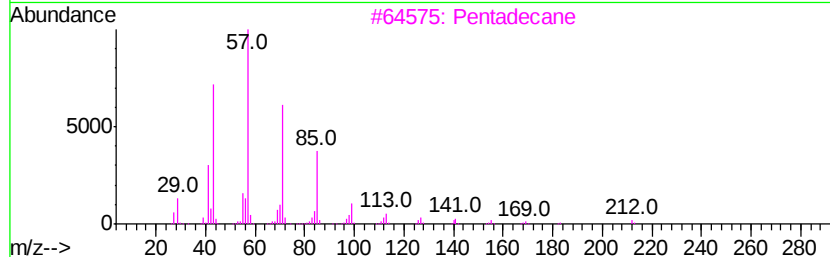
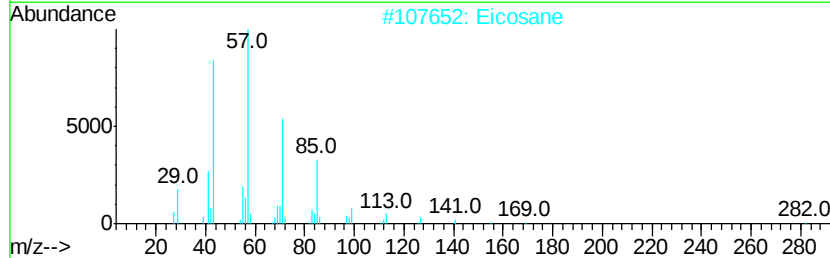
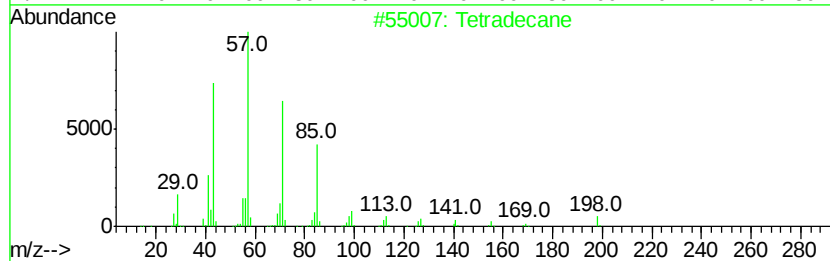
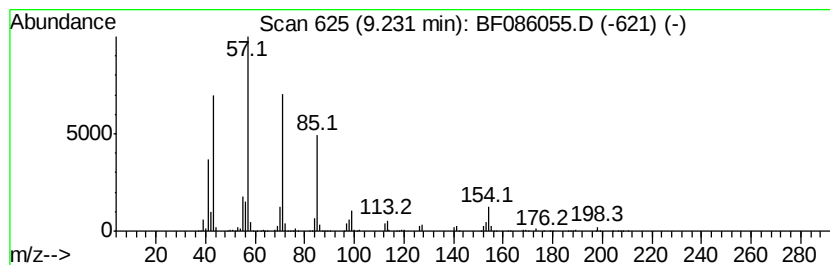
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	51.75 ng	5100550	Acenaphthene-d10	9.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Eicosane	282	C20H42	000112-95-8	83
3		Pentadecane	212	C15H32	000629-62-9	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Heptadecane	240	C17H36	000629-78-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086055.D
Acq On : 4 Apr 2016 23:33
Operator : UM/SJ
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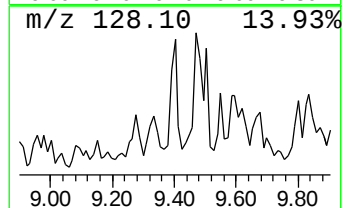
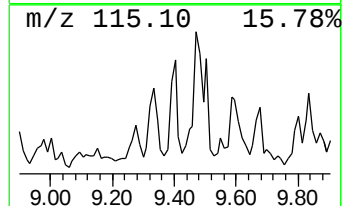
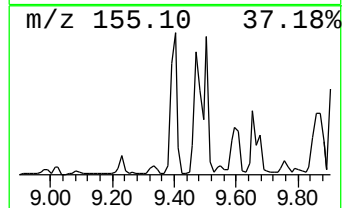
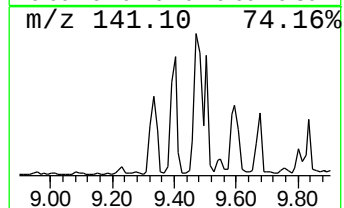
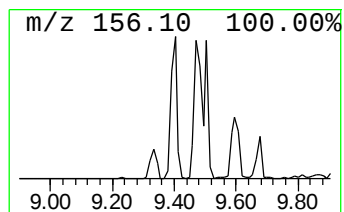
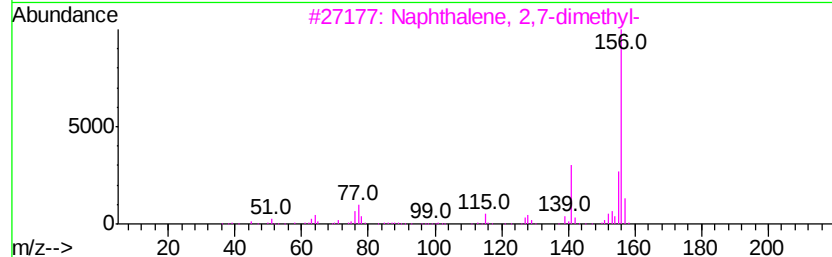
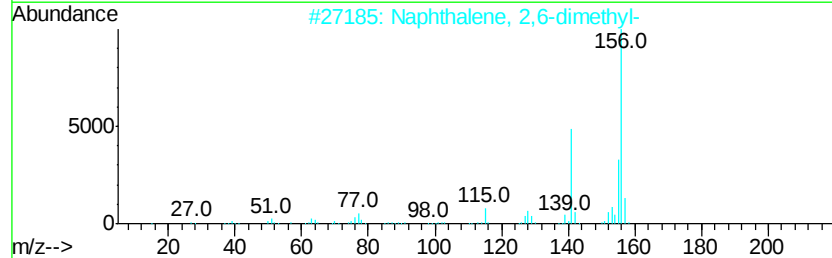
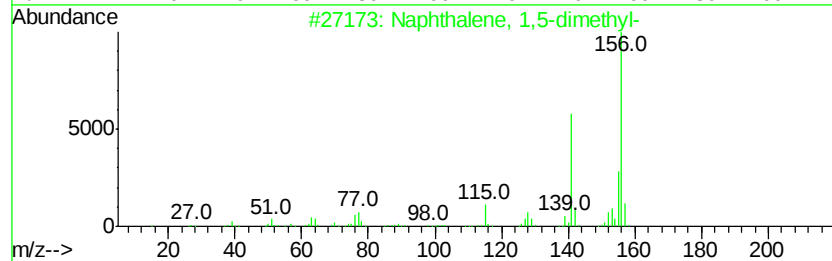
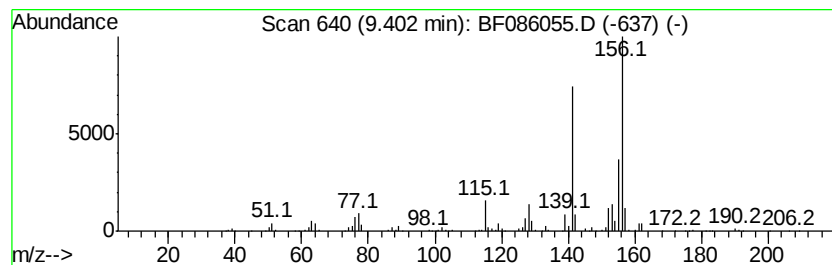
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	19.27 ng	1899680	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086055.D
Acq On : 4 Apr 2016 23:33
Operator : UM/SJ
Sample : H2166-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-OFL4-AND-L5

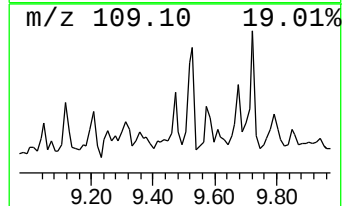
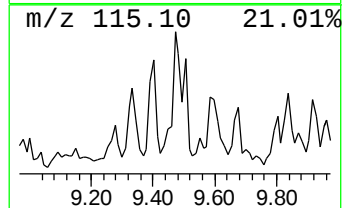
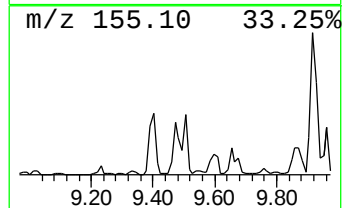
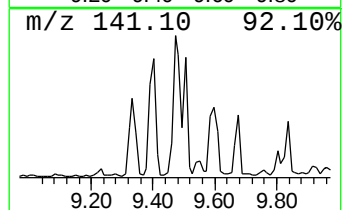
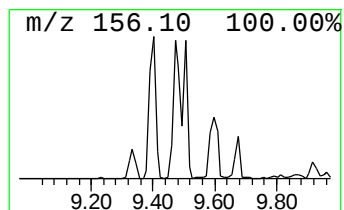
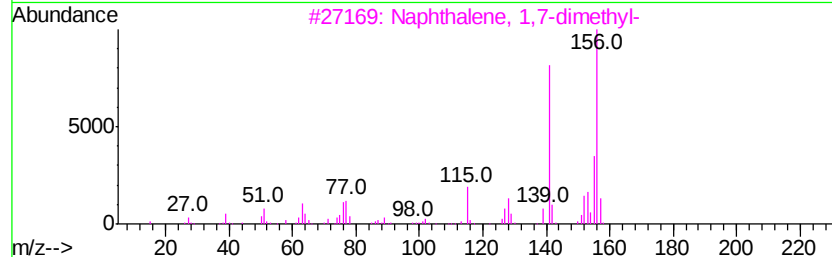
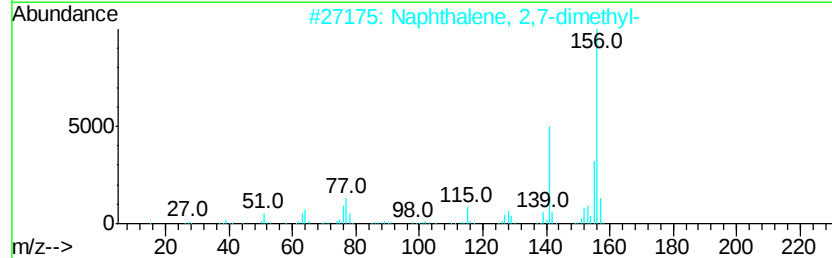
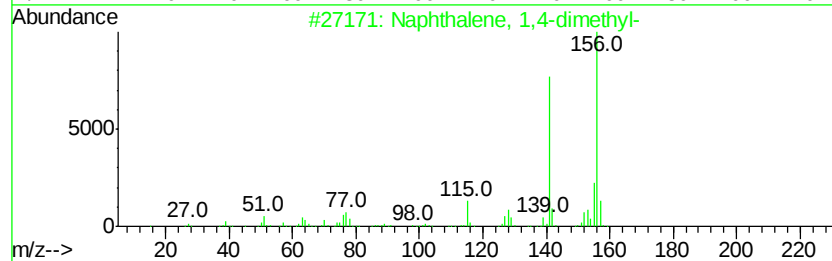
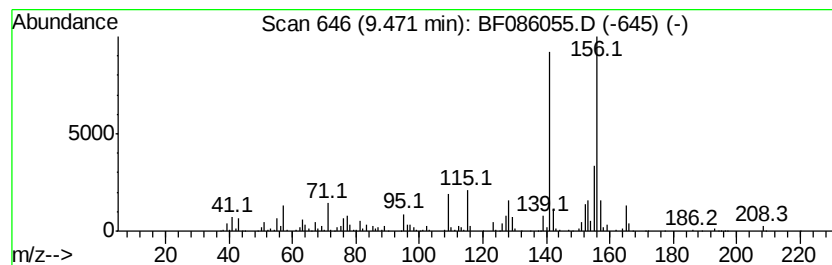
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	22.91 ng	2258310	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086055.D
Acq On : 4 Apr 2016 23:33
Operator : UM/SJ
Sample : H2166-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-OFL4-AND-L5

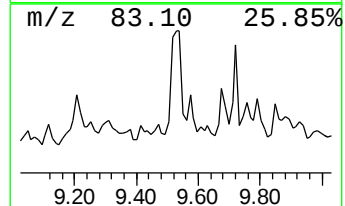
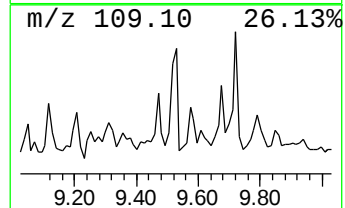
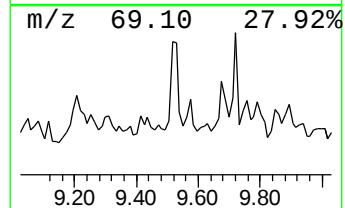
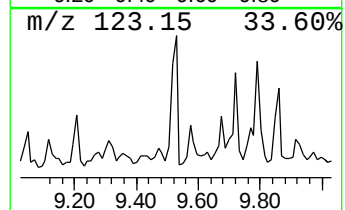
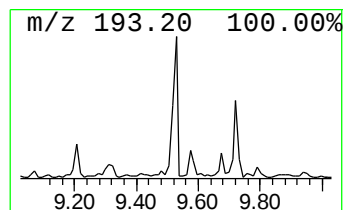
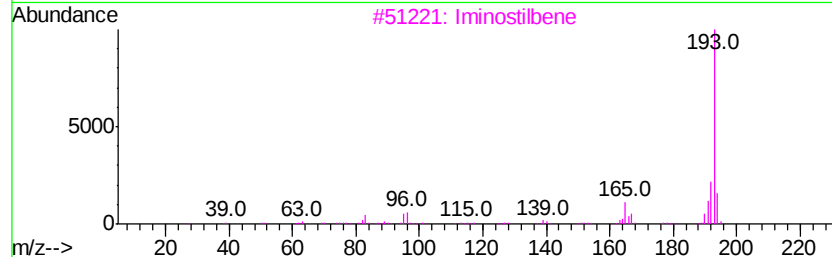
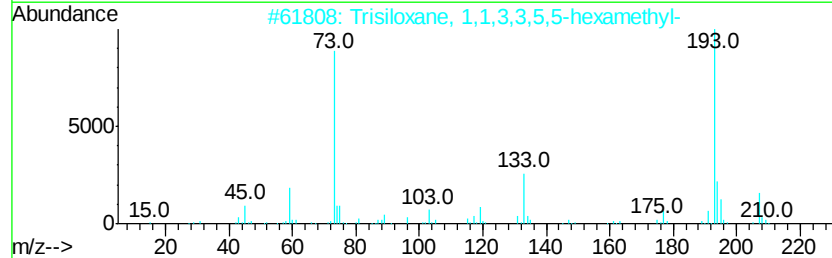
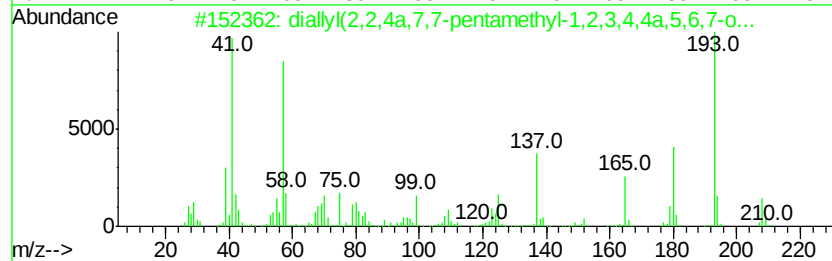
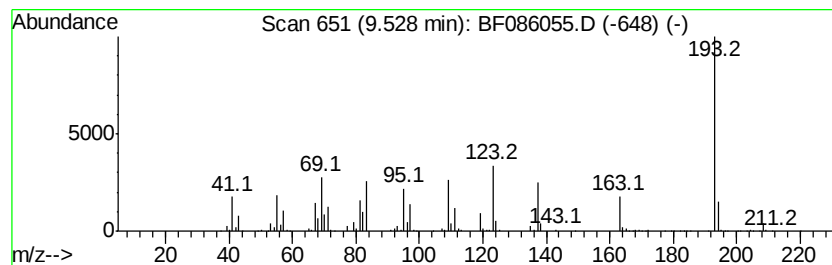
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	57.23 ng	5640730	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	diallyl(2,2,4a,7,7-pentamethyl-1...	384	C19H33N2O4P	1000187-42-4	38
2		Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	38
3		Iminostilbene	193	C14H11N	000256-96-2	35
4		Acridine, 9-methyl-	193	C14H11N	000611-64-3	35
5		2-Anthracenamine	193	C14H11N	000613-13-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086055.D
Acq On : 4 Apr 2016 23:33
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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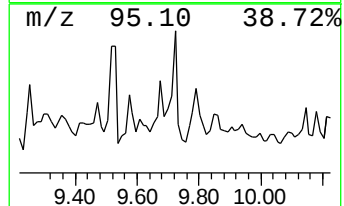
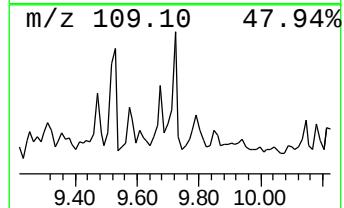
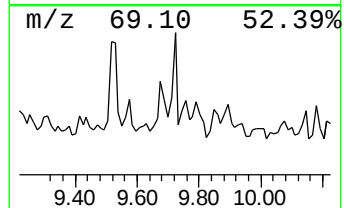
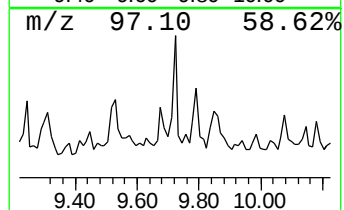
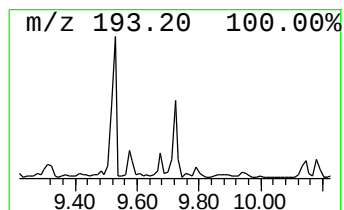
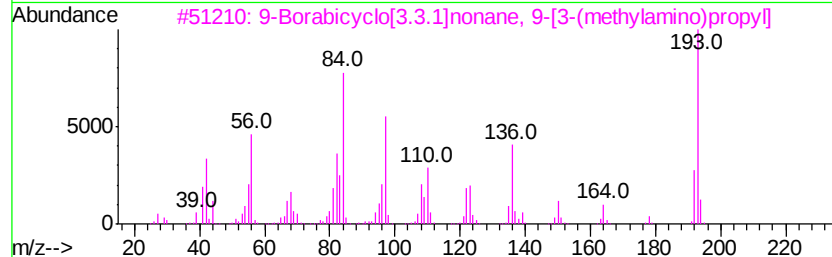
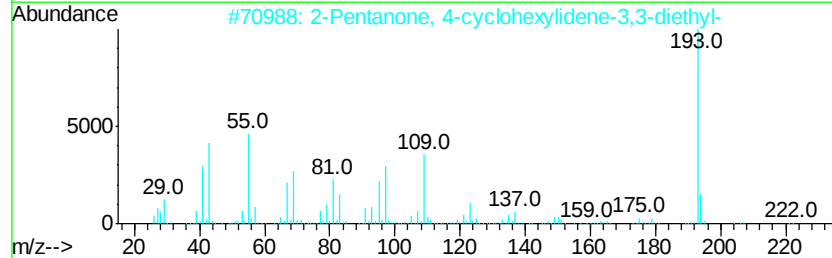
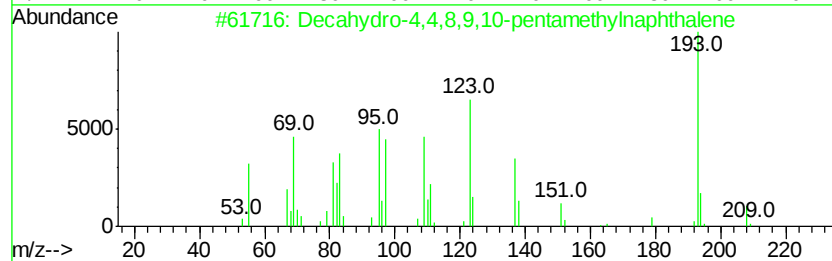
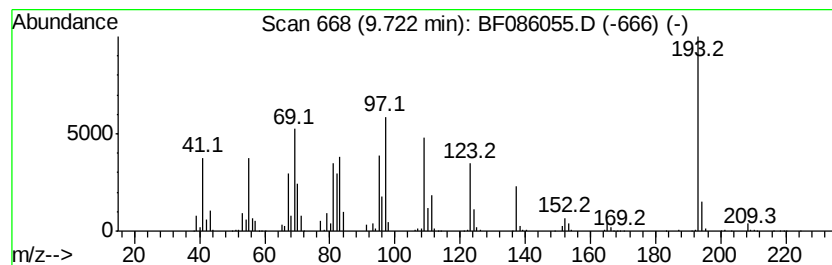
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	19.78 ng	1949870	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	56
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3		9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	38
4		2-Phenylindolizine	193	C14H11N	025379-20-8	35
5		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
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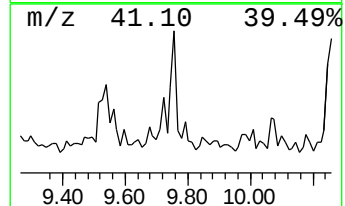
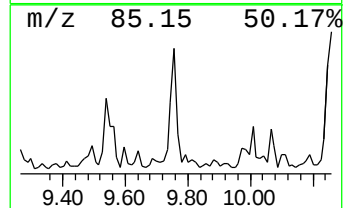
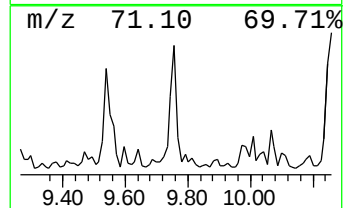
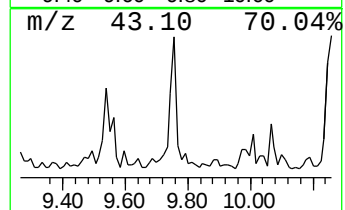
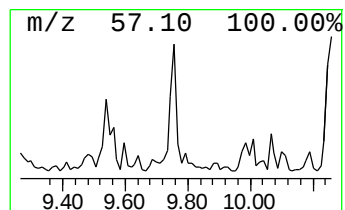
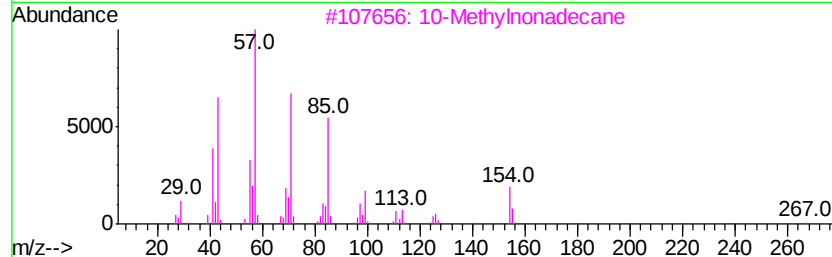
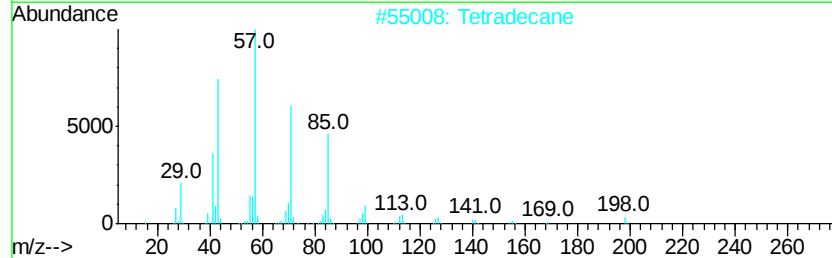
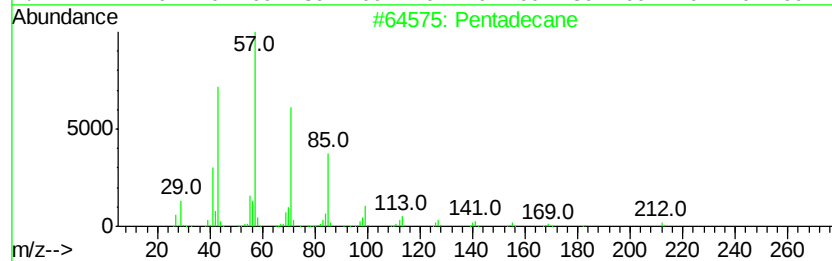
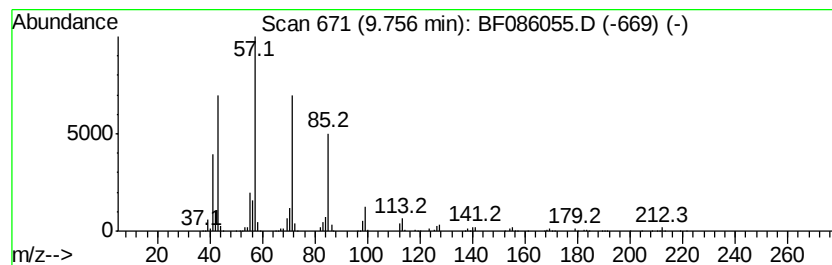
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	32.29 ng	3183030	Acenaphthene-d10	9.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	94
2	Tetradecane	198 C14H30	000629-59-4	91
3	10-Methylnonadecane	282 C20H42	056862-62-5	90
4	Heptadecane	240 C17H36	000629-78-7	90
5	Nonadecane	268 C19H40	000629-92-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
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Acq On : 4 Apr 2016 23:33
Operator : UM/SJ
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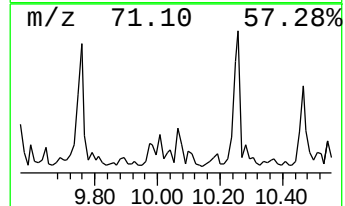
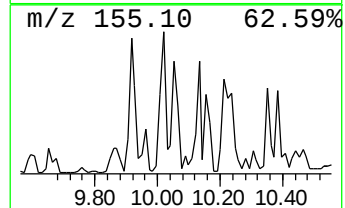
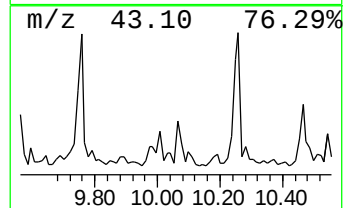
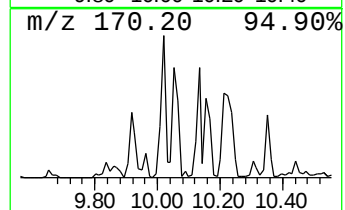
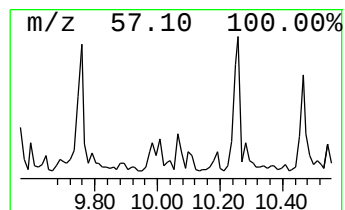
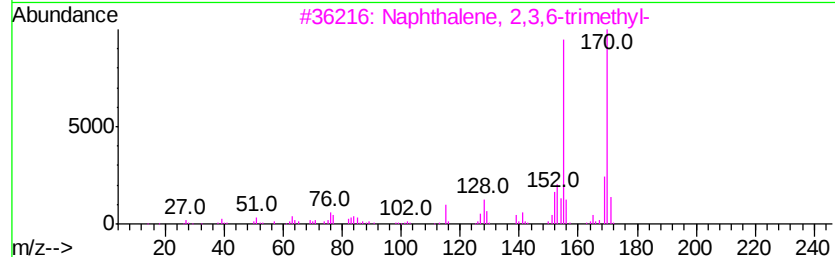
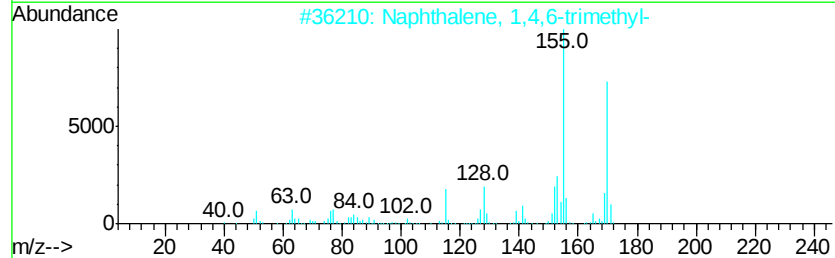
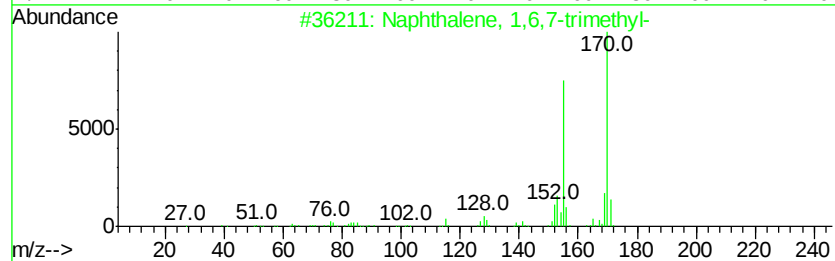
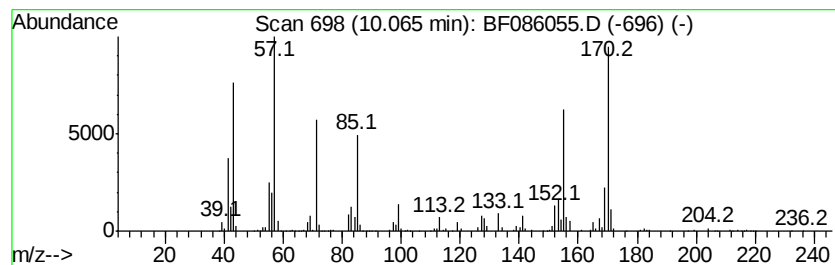
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	23.42 ng	2308890	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086055.D
Acq On : 4 Apr 2016 23:33
Operator : UM/SJ
Sample : H2166-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

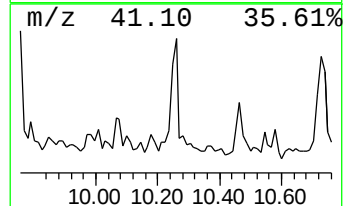
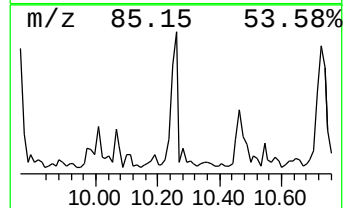
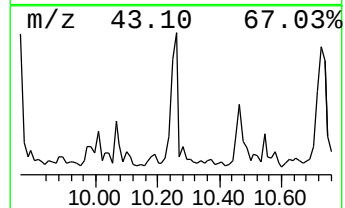
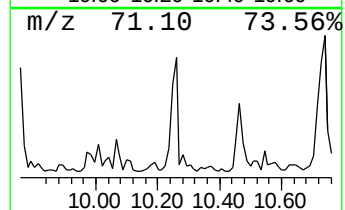
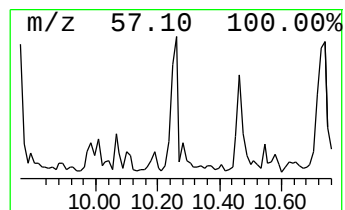
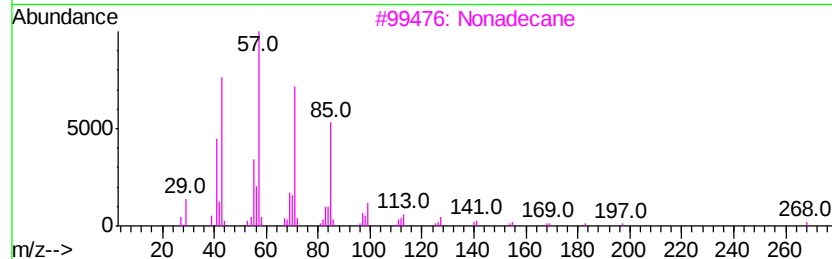
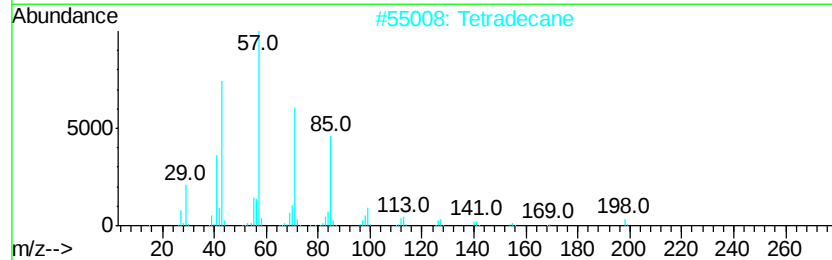
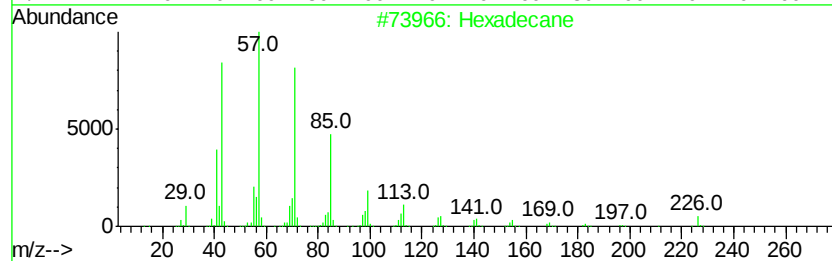
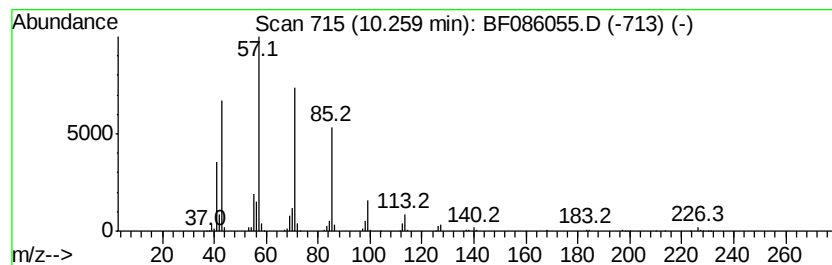
Instrument :
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ClientSampleId :
COMP-OFL4-AND-L5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	31.16 ng	3071590	Acenaphthene-d10	9.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Tetradecane	198 C14H30	000629-59-4	90
3	Nonadecane	268 C19H40	000629-92-5	83
4	Nonane, 5-butyl-	184 C13H28	017312-63-9	81
5	Pentadecane	212 C15H32	000629-62-9	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
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Acq On : 4 Apr 2016 23:33
Operator : UM/SJ
Sample : H2166-02
Misc :
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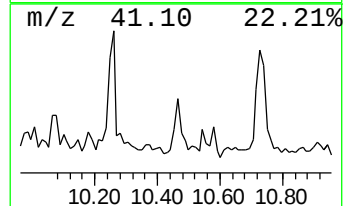
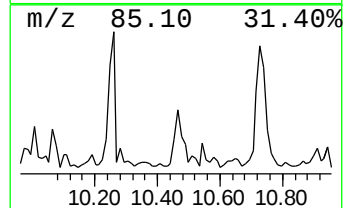
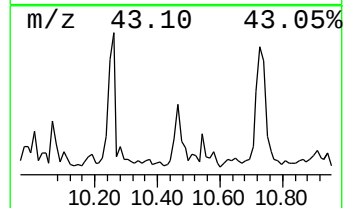
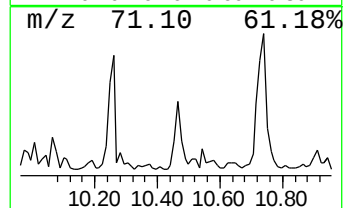
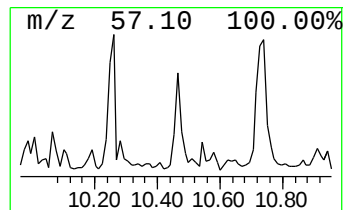
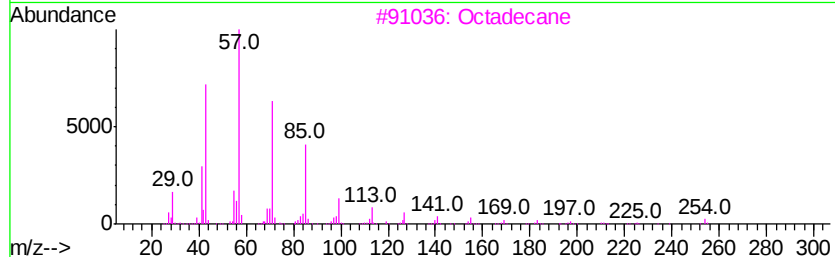
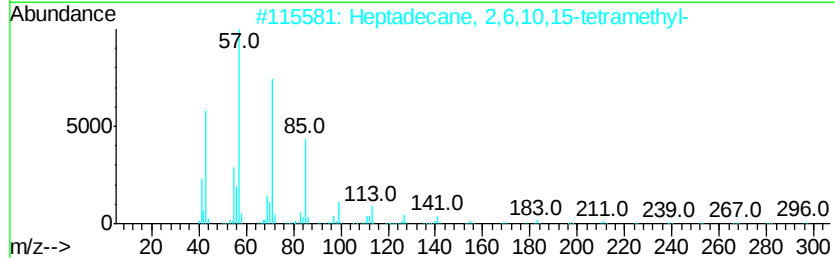
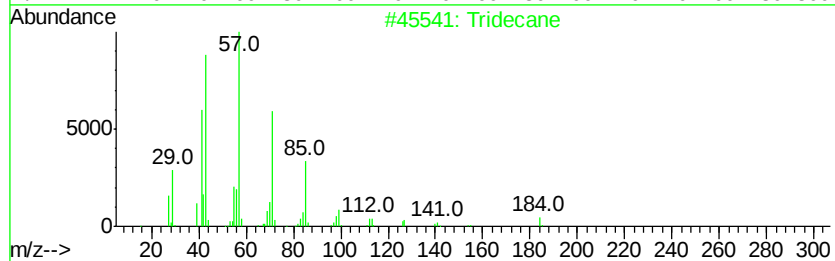
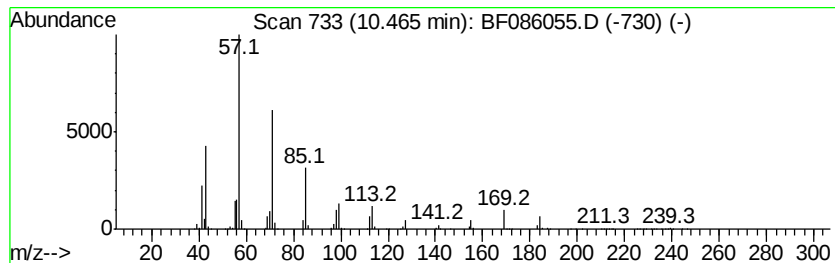
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ClientSampleId :
COMP-OFL4-AND-L5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.46	29.66 ng	2923260	Acenaphthene-d10	9.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Octadecane	254	C18H38	000593-45-3	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086055.D
Acq On : 4 Apr 2016 23:33
Operator : UM/SJ
Sample : H2166-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5

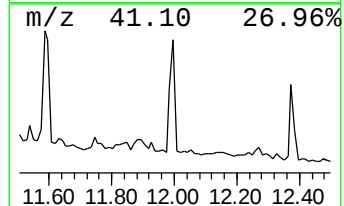
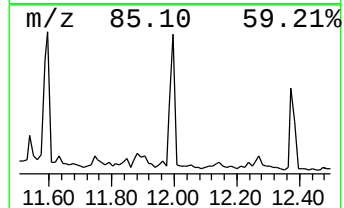
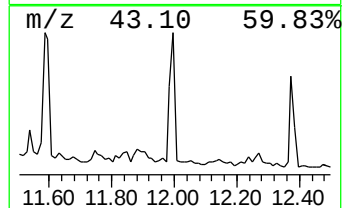
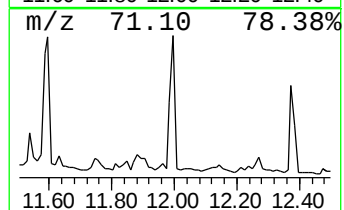
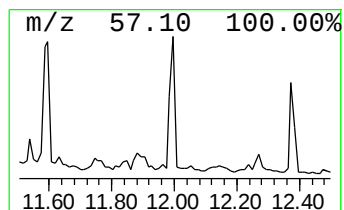
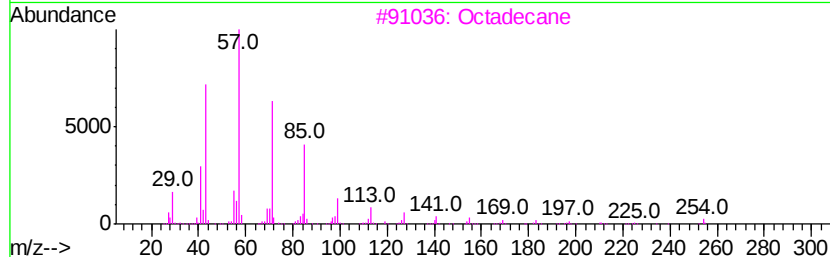
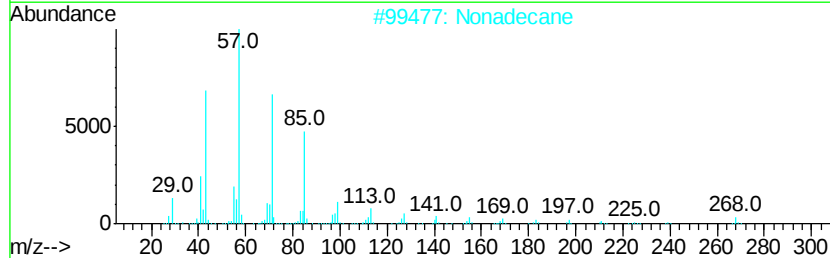
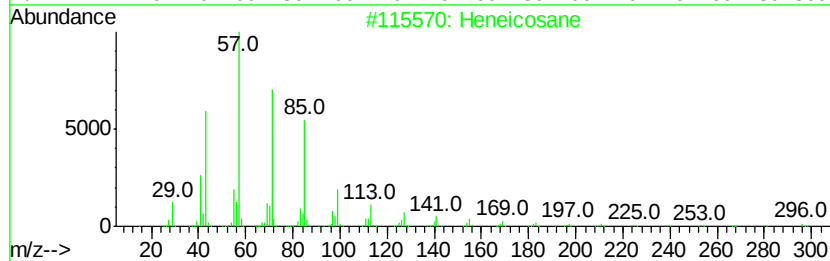
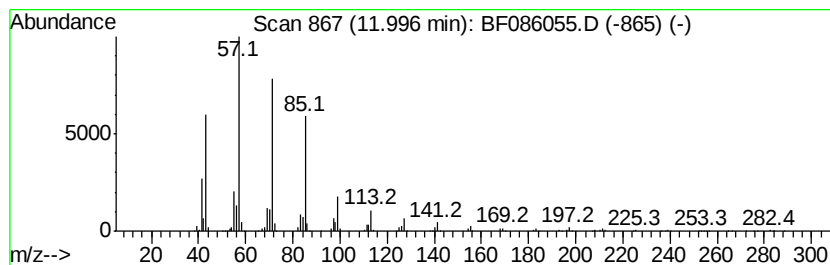
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	22.91 ng	2461200	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
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Acq On : 4 Apr 2016 23:33
Operator : UM/SJ
Sample : H2166-02
Misc :
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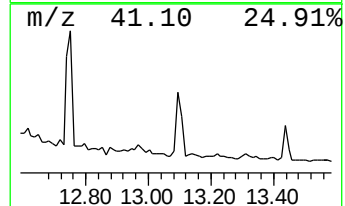
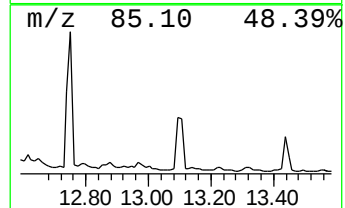
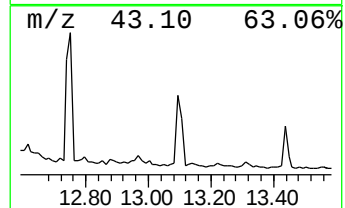
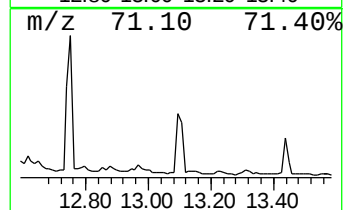
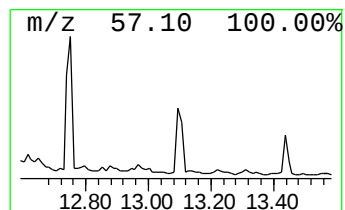
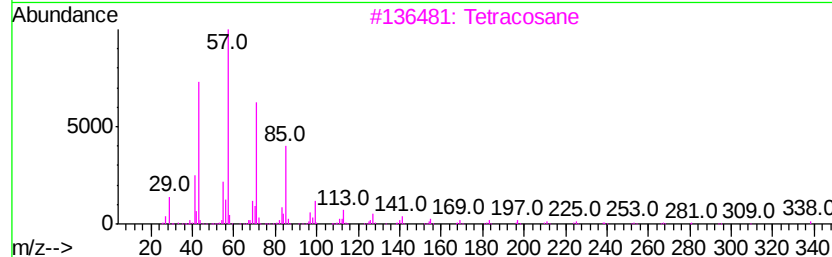
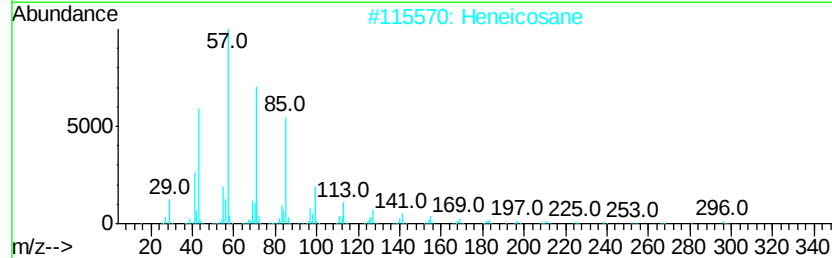
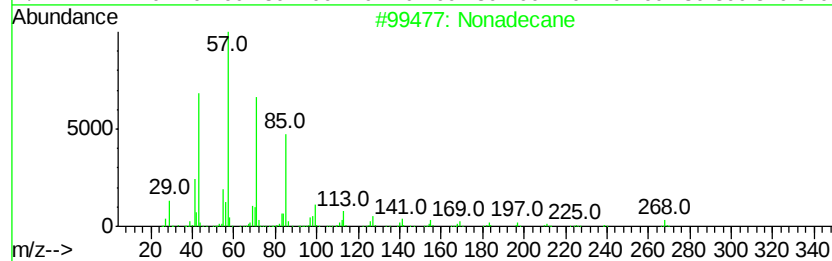
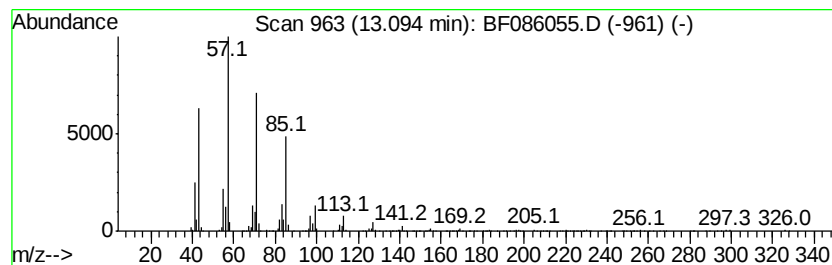
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	19.54 ng	651243	Chrysene-d12	13.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	94
2	Heneicosane	296 C21H44	000629-94-7	91
3	Tetracosane	338 C24H50	000646-31-1	91
4	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	90
5	Eicosane	282 C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086055.D
 Acq On : 4 Apr 2016 23:33
 Operator : UM/SJ
 Sample : H2166-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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
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Octane, 2,6-dimet...	8.49	22.6	ng	3149400	2	8.05	2782290	20.0
unknown8.96	8.96	19.9	ng	1964300	3	9.81	1971390	20.0
Tetradecane	9.23	51.8	ng	5100550	3	9.81	1971390	20.0
Naphthalene, 1,5-...	9.40	19.3	ng	1899680	3	9.81	1971390	20.0
Naphthalene, 1,4-...	9.47	22.9	ng	2258310	3	9.81	1971390	20.0
unknown9.53	9.53	57.2	ng	5640730	3	9.81	1971390	20.0
Decahydro-4,4,8,9...	9.72	19.8	ng	1949870	3	9.81	1971390	20.0
Pentadecane	9.76	32.3	ng	3183030	3	9.81	1971390	20.0
Naphthalene, 1,6,...	10.06	23.4	ng	2308890	3	9.81	1971390	20.0
Hexadecane	10.26	31.2	ng	3071590	3	9.81	1971390	20.0
Tridecane	10.46	29.7	ng	2923260	3	9.81	1971390	20.0
Heneicosane	12.00	22.9	ng	2461200	4	11.30	2148580	20.0
Nonadecane	13.09	19.5	ng	651243	5	13.92	666452	20.0