

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086194.D
 Acq On : 9 Apr 2016 3:25
 Operator : UM/SJ
 Sample : H2099-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRAIN

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	4.693	223	228	230	rBV	90233	118288	1.01%	0.057%
2	4.784	230	236	240	rBV4	140619	286461	2.44%	0.137%
3	4.853	240	242	243	rBV	106343	126305	1.08%	0.061%
4	5.070	259	261	263	rBV	221806	292476	2.49%	0.140%
5	5.173	267	270	271	rBV	263813	296452	2.52%	0.142%
6	5.195	271	272	274	rVB	298096	252273	2.15%	0.121%
7	5.275	274	279	281	rBV	505704	587915	5.00%	0.282%
8	5.321	281	283	286	rBV	1896253	2057880	17.52%	0.988%
9	5.367	286	287	290	rVB	151799	156815	1.33%	0.075%
10	5.458	293	295	297	rBV2	327226	448015	3.81%	0.215%
11	5.504	297	299	300	rVB	319698	304496	2.59%	0.146%
12	5.538	300	302	306	rVB	410036	648146	5.52%	0.311%
13	5.607	306	308	311	rBV	1166400	1548329	13.18%	0.743%
14	5.721	313	318	320	rBV2	499176	677726	5.77%	0.325%
15	5.778	320	323	327	rBV3	223041	596450	5.08%	0.286%
16	5.858	327	330	333	rVB	753405	919909	7.83%	0.441%
17	5.916	333	335	337	rBV2	284629	521330	4.44%	0.250%
18	5.961	337	339	342	rBV2	1634089	2158500	18.37%	1.036%
19	6.018	342	344	346	rBV	657855	786659	6.70%	0.378%
20	6.156	353	356	358	rBV3	733359	1232509	10.49%	0.591%
21	6.224	358	362	363	rVV2	1167833	1830529	15.58%	0.878%
22	6.258	363	365	369	rVB3	1429639	2994250	25.48%	1.437%
23	6.327	369	371	373	rBV2	1471859	2193872	18.67%	1.053%
24	6.384	373	376	377	rBV	1818358	2338955	19.91%	1.122%
25	6.407	377	378	381	rVB	1164620	1730663	14.73%	0.831%
26	6.464	381	383	385	rBV	967366	1945816	16.56%	0.934%
27	6.510	385	387	390	rVB	1787514	2748347	23.39%	1.319%
28	6.578	390	393	395	rBV	3205694	4767430	40.58%	2.288%
29	6.613	395	396	398	rVB	116496	148827	1.27%	0.071%
30	6.681	398	402	403	rBV2	468358	1062433	9.04%	0.510%
31	6.761	403	409	411	rBV3	1756301	3998393	34.03%	1.919%
32	6.796	411	412	414	rVB	1196251	872904	7.43%	0.419%
33	6.887	418	420	424	rVB4	2431716	4643917	39.53%	2.229%
34	6.990	424	429	430	rBV2	1423043	2991489	25.46%	1.436%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.024	430	432	433	rVB2	1749794	2237315	19.04%	1.074%
36	7.059	433	435	440	rVB3	1961858	4433115	37.73%	2.127%
37	7.139	440	442	446	rVB	2512035	3802586	32.36%	1.825%
38	7.230	446	450	452	rBV	935149	2394294	20.38%	1.149%
39	7.287	452	455	458	rBV2	1902417	5390325	45.88%	2.587%
40	7.367	458	462	463	rBV	1988048	3728018	31.73%	1.789%
41	7.401	463	465	467	rVB	1345022	1613295	13.73%	0.774%
42	7.470	469	471	473	rVB2	1012350	1269724	10.81%	0.609%
43	7.550	474	478	484	rVB3	2502327	5485527	46.69%	2.633%
44	7.664	484	488	489	rBV3	2004317	4897491	41.68%	2.350%
45	7.767	495	497	499	rBV3	1595356	3473553	29.56%	1.667%
46	7.870	502	506	508	rVB4	1554372	3726172	31.71%	1.788%
47	8.030	514	520	523	rBV4	3041576	11749069	100.00%	5.639%
48	8.236	533	538	540	rBV2	2111355	5937442	50.54%	2.849%
49	8.281	540	542	544	rVV2	1266817	2252526	19.17%	1.081%
50	8.327	544	546	551	rVV5	1379820	4741343	40.36%	2.275%
51	8.430	553	555	557	rVV2	1209458	2056123	17.50%	0.987%
52	8.476	557	559	562	rVV2	941600	1967322	16.74%	0.944%
53	8.556	563	566	570	rVB3	1921412	3592077	30.57%	1.724%
54	8.659	571	575	576	rBV2	1626320	3423539	29.14%	1.643%
55	8.887	590	595	598	rBV4	2186318	7228916	61.53%	3.469%
56	9.013	602	606	608	rVB4	1266352	3549230	30.21%	1.703%
57	9.082	608	612	614	rBV4	1313065	3596018	30.61%	1.726%
58	9.230	620	625	626	rBV2	1681116	4007917	34.11%	1.923%
59	9.287	626	630	636	rVB3	1441608	4684618	39.87%	2.248%
60	9.402	636	640	642	rBV2	1360612	2844338	24.21%	1.365%
61	9.470	642	646	649	rBV4	1542418	5413789	46.08%	2.598%
62	9.596	655	657	661	rVB4	1486662	2624379	22.34%	1.259%
63	9.916	683	685	687	rVB	1224150	1894485	16.12%	0.909%
64	10.007	687	693	696	rBV6	1408002	6017722	51.22%	2.888%
65	10.053	696	697	700	rVB3	1034817	1409507	12.00%	0.676%
66	10.339	720	722	723	rBV2	550503	611009	5.20%	0.293%
67	10.727	752	756	758	rVB3	1628215	3888840	33.10%	1.866%
68	11.162	791	794	795	rBV	1385864	2272443	19.34%	1.091%
69	11.585	828	831	832	rBV	1811904	2741352	23.33%	1.316%
70	11.619	832	834	836	rVB3	507336	771761	6.57%	0.370%
71	11.733	842	844	846	rBV2	601500	889824	7.57%	0.427%

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72	11.985	863	866	867	rBV	2090522	2977437	25.34%	1.429%
73	12.133	876	879	883	rVB5	647284	1515447	12.90%	0.727%
74	12.248	887	889	893	rVB2	1016341	1335269	11.36%	0.641%
75	12.316	893	895	896	rBV2	539342	786758	6.70%	0.378%
76	12.362	896	899	901	rVB2	2166180	3001443	25.55%	1.440%
77	12.488	908	910	916	rVB2	860123	1706349	14.52%	0.819%
78	12.728	927	931	933	rBV2	2401298	3507485	29.85%	1.683%
79	12.762	933	934	936	rVV	434472	470664	4.01%	0.226%
80	12.842	939	941	946	rVB	1329604	2120366	18.05%	1.018%
81	13.071	959	961	964	rBV	1490861	2080413	17.71%	0.998%
82	13.413	989	991	993	rBV	1547666	1423253	12.11%	0.683%
83	13.711	1015	1017	1018	rBV2	175991	248123	2.11%	0.119%
84	13.733	1018	1019	1025	rVB2	798134	1219632	10.38%	0.585%
85	13.893	1030	1033	1034	rBV2	765035	1136908	9.68%	0.546%
86	14.054	1044	1047	1049	rBV2	564100	662324	5.64%	0.318%
87	14.351	1071	1073	1076	rBV3	249575	288476	2.46%	0.138%
88	14.648	1097	1099	1101	rBV	168565	159248	1.36%	0.076%
89	14.716	1103	1105	1106	rVB	186518	180070	1.53%	0.086%
90	14.899	1118	1121	1124	rBV	370721	589202	5.01%	0.283%
91	15.174	1143	1145	1148	rVB	248504	299116	2.55%	0.144%
92	15.231	1148	1150	1152	rVV	324926	402205	3.42%	0.193%
93	15.288	1152	1155	1162	rVB2	471088	813813	6.93%	0.391%
94	16.625	1269	1272	1279	rVB	139331	317332	2.70%	0.152%
95	17.025	1304	1307	1313	rVB	102654	229010	1.95%	0.110%

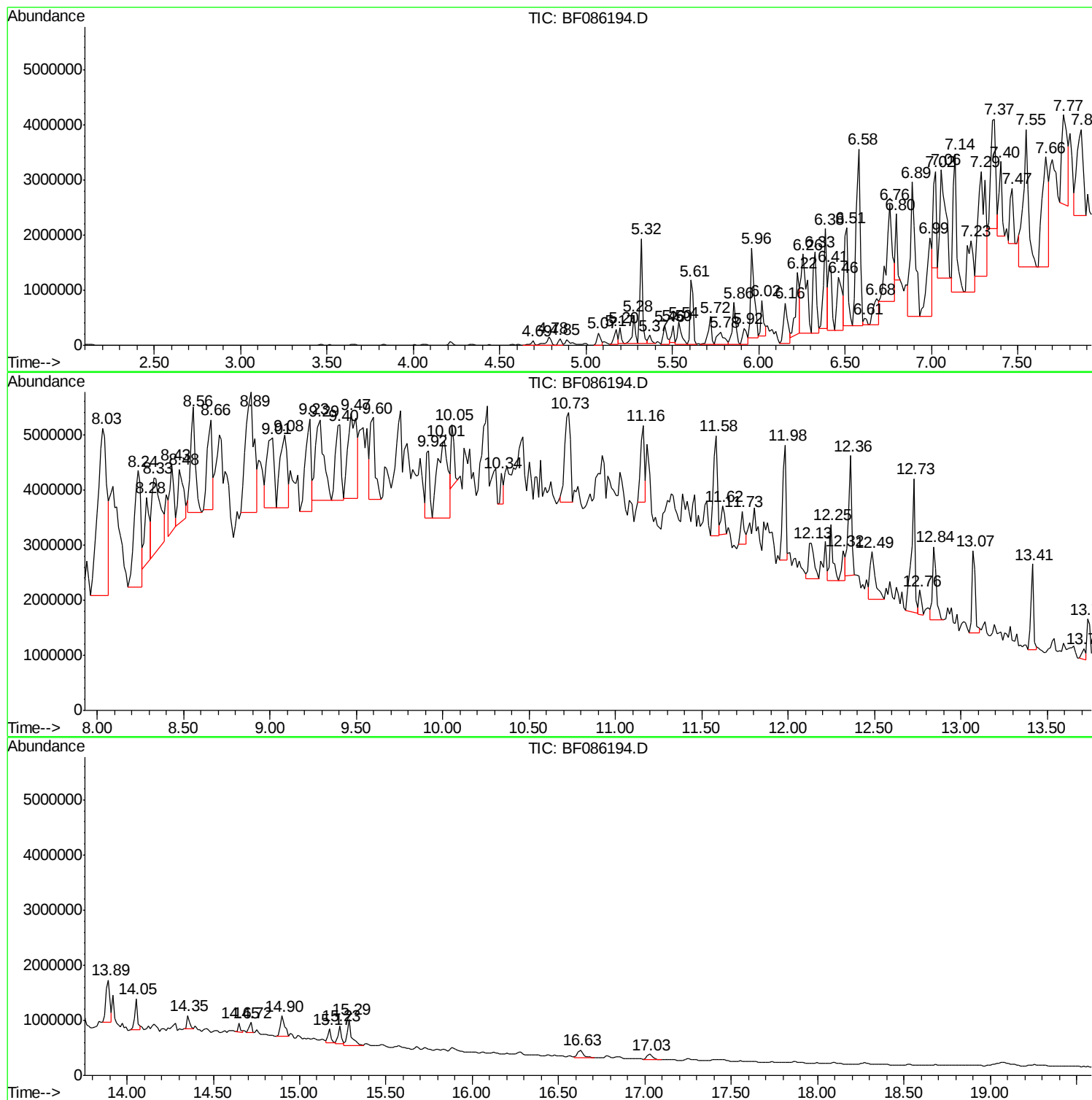
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ClientSampled :
DRAIN

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



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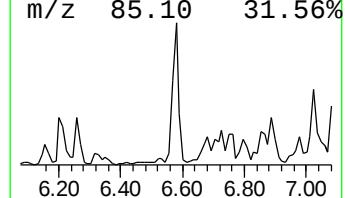
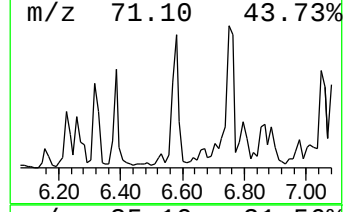
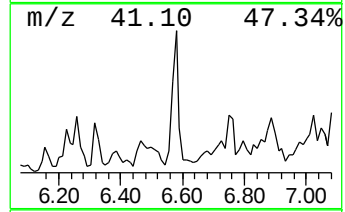
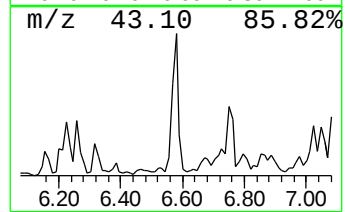
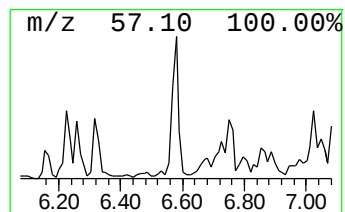
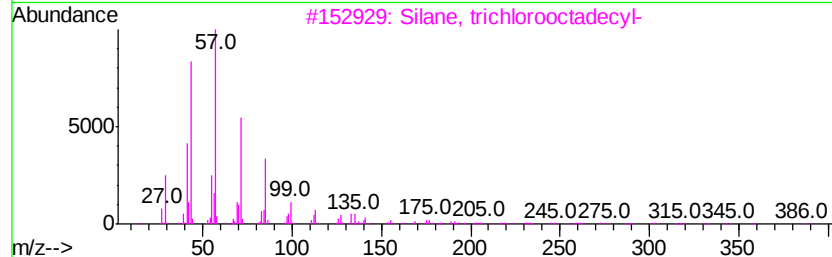
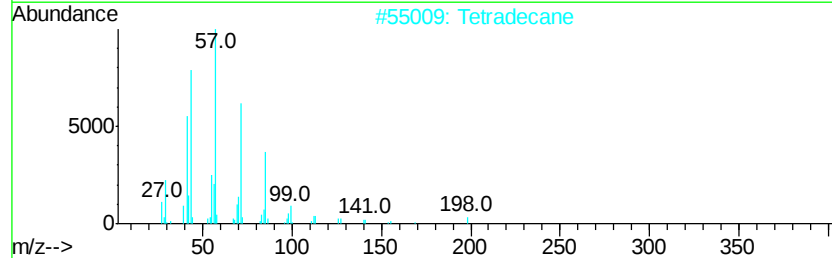
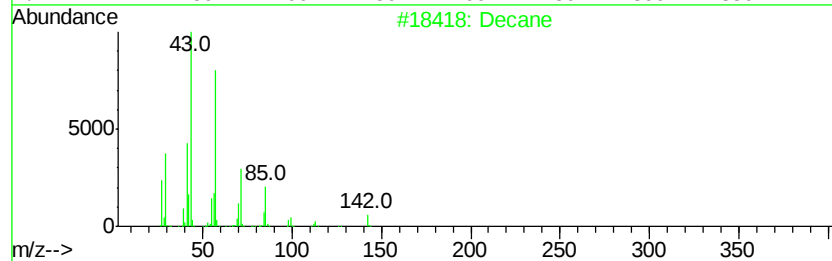
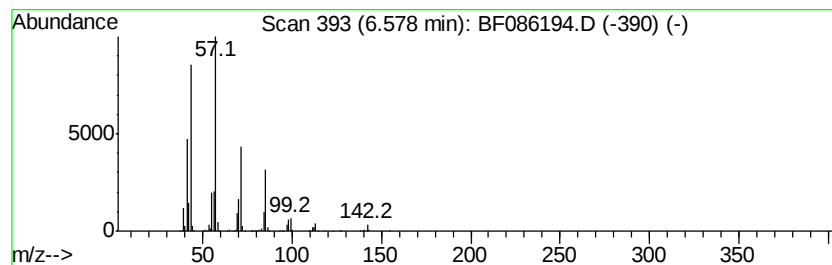
Instrument :
BNA_F
ClientSampleId :
DRAIN

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 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.58	23.85 ng	4767430	1,4-Dichlorobenzene-d4	6.74		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	95
2	Tetradecane		198	C14H30	000629-59-4	86
3	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	80
4	Undecane		156	C11H24	001120-21-4	78
5	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	72



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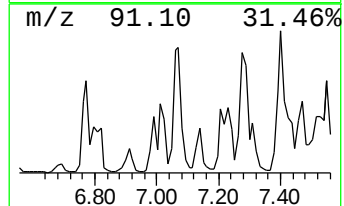
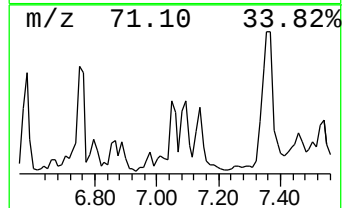
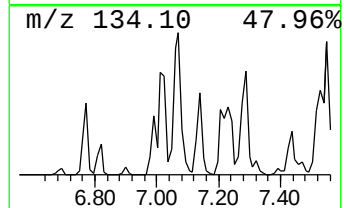
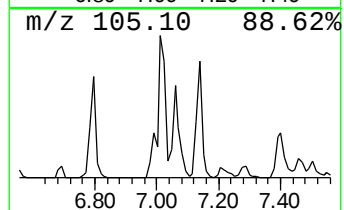
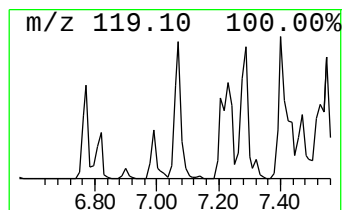
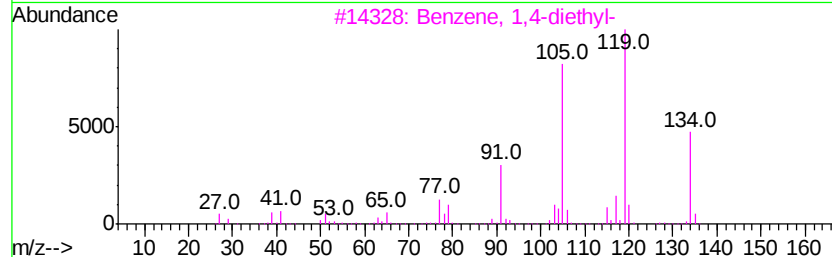
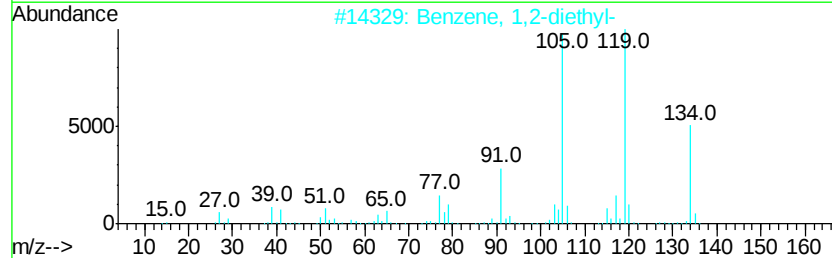
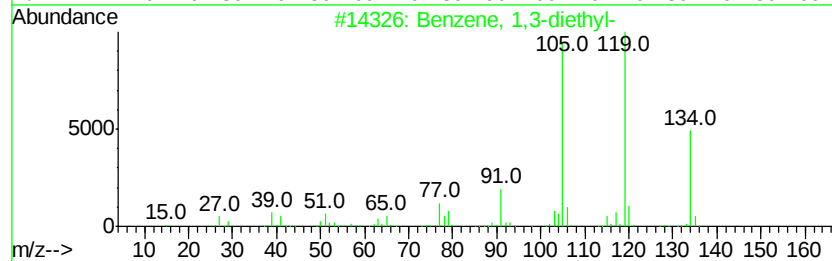
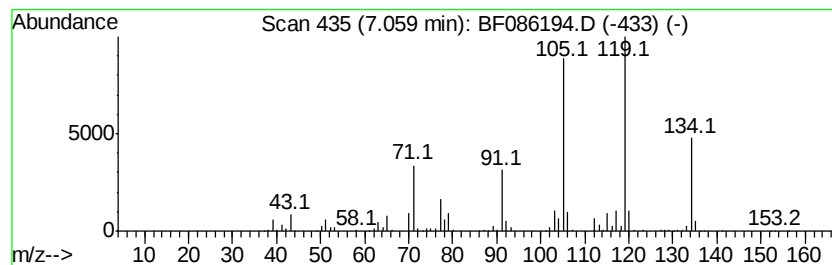
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	22.17 ng	4433120	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



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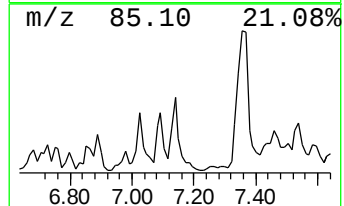
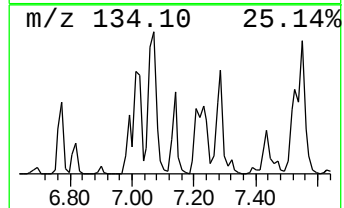
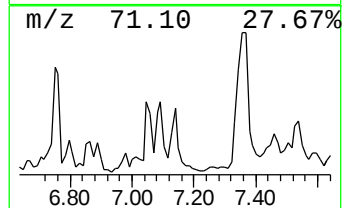
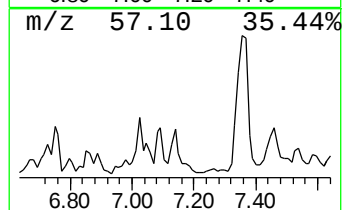
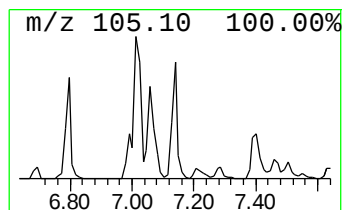
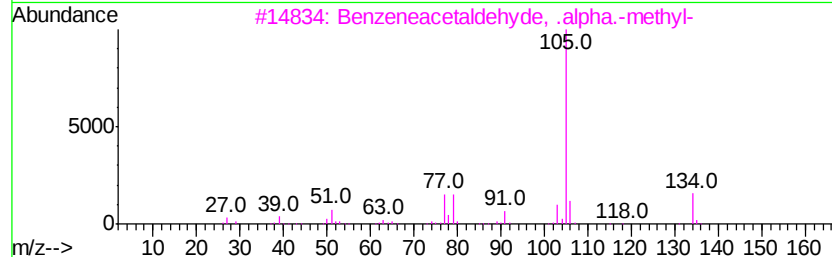
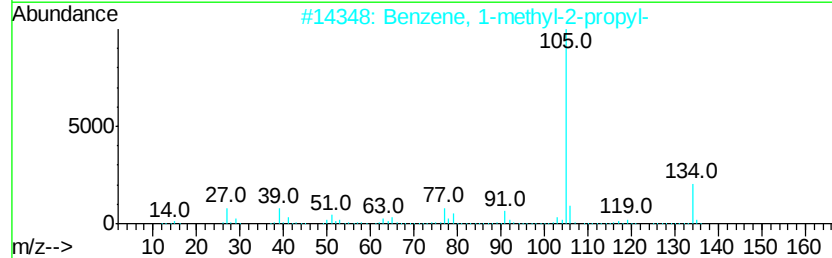
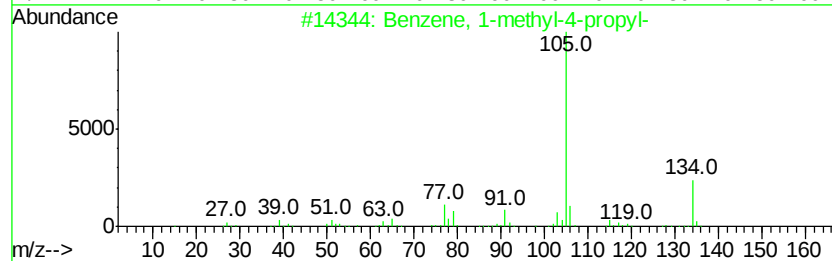
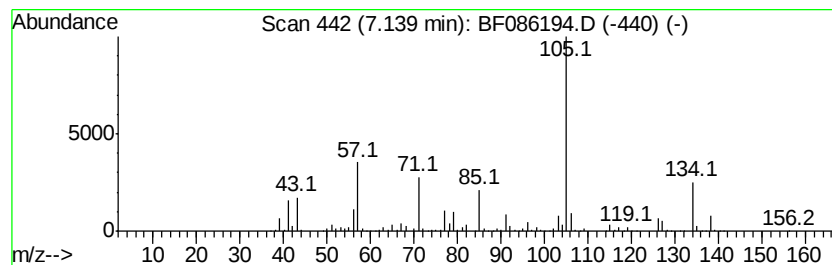
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	19.02 ng	3802590	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
4		2-Tolyloxirane	134	C9H10O	002783-26-8	42
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	41



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DRAIN

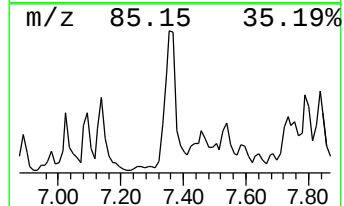
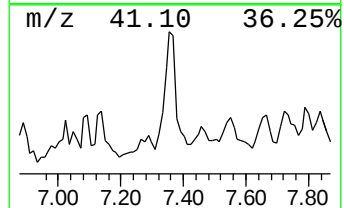
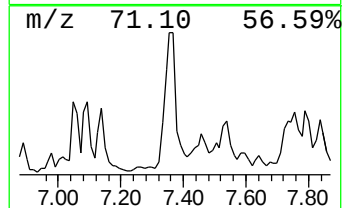
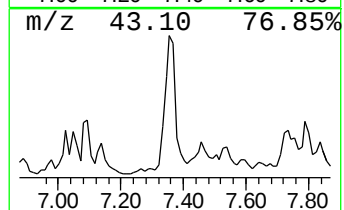
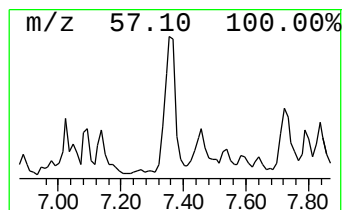
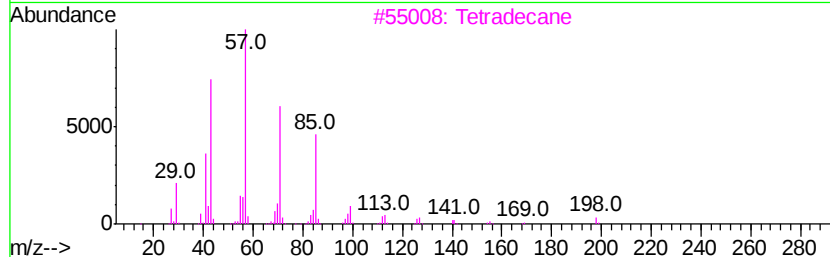
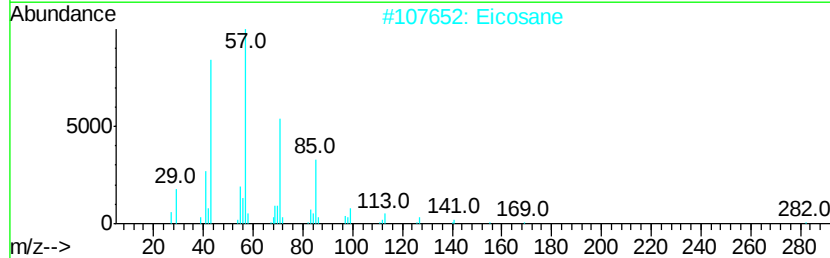
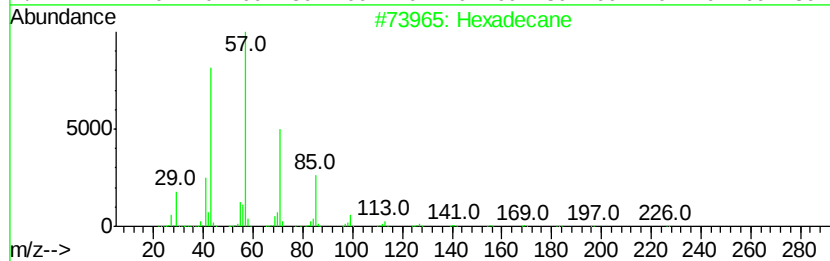
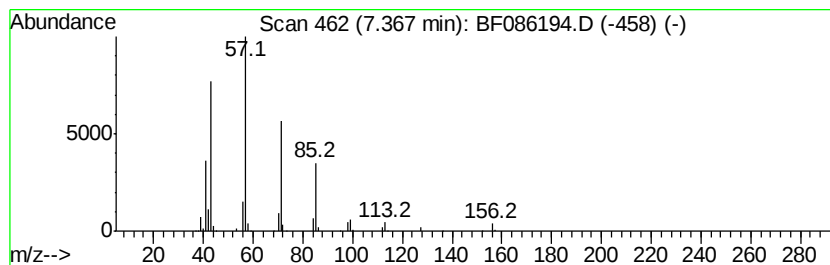
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	18.65 ng	3728020	1,4-Dichlorobenzene-d4	6.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Eicosane		282	C20H42	000112-95-8	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Undecane		156	C11H24	001120-21-4	87
5	Pentadecane		212	C15H32	000629-62-9	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086194.D
Acq On : 9 Apr 2016 3:25
Operator : UM/SJ
Sample : H2099-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

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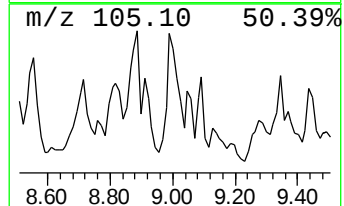
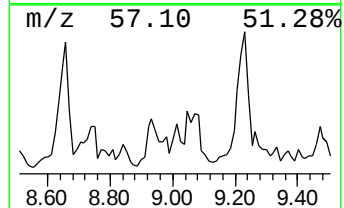
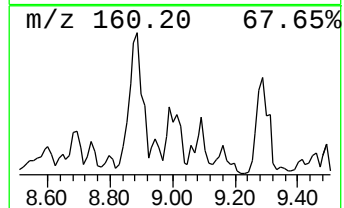
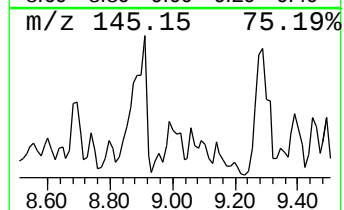
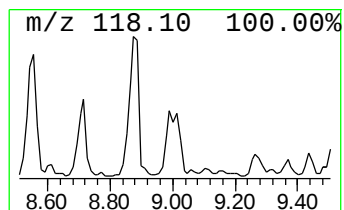
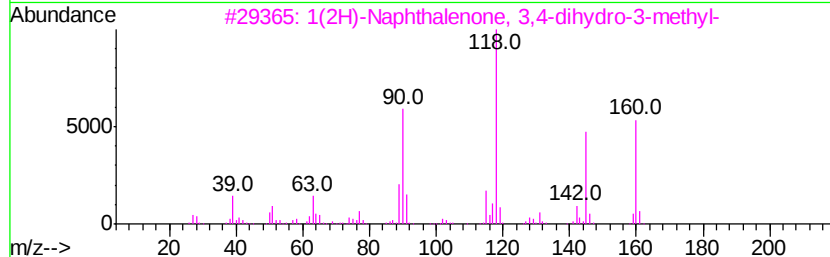
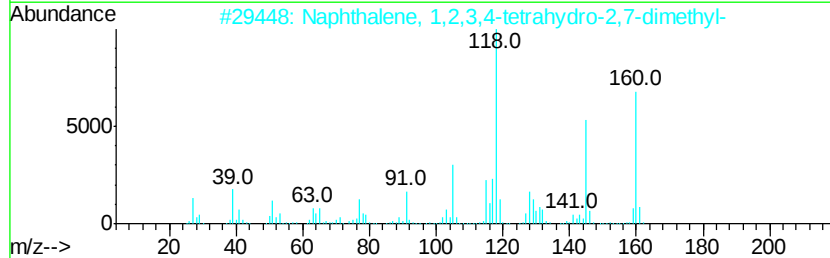
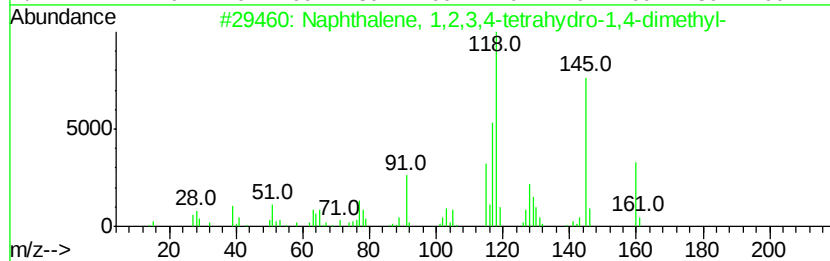
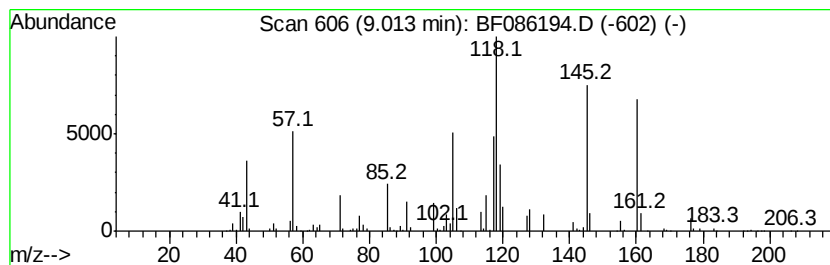
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	37.47 ng	3549230	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	74
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	59
3		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	59
4		Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	59
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086194.D
Acq On : 9 Apr 2016 3:25
Operator : UM/SJ
Sample : H2099-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

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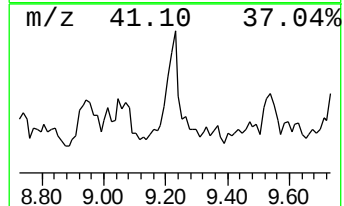
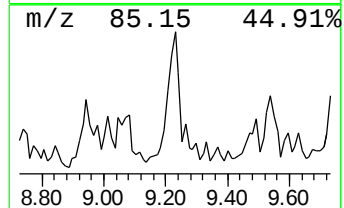
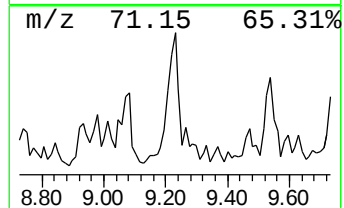
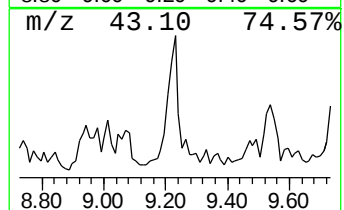
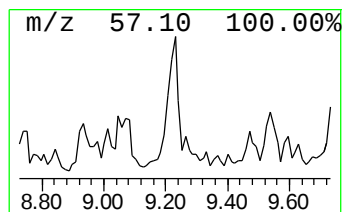
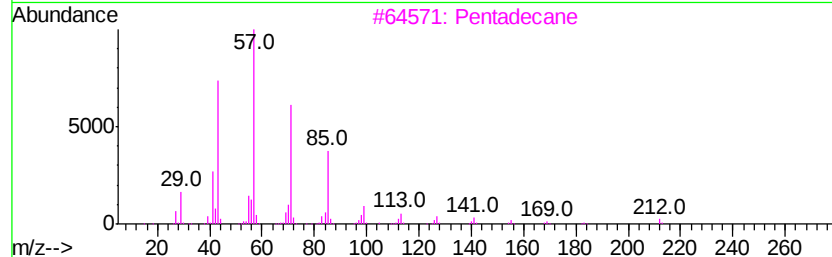
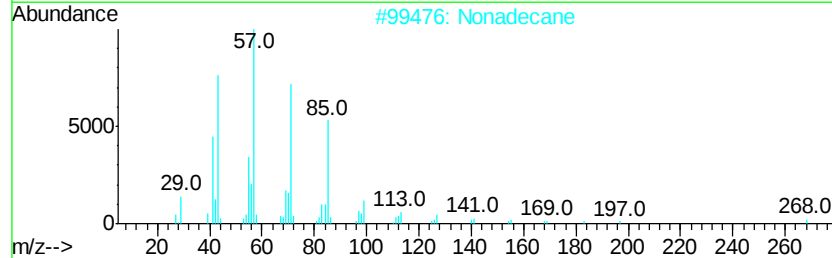
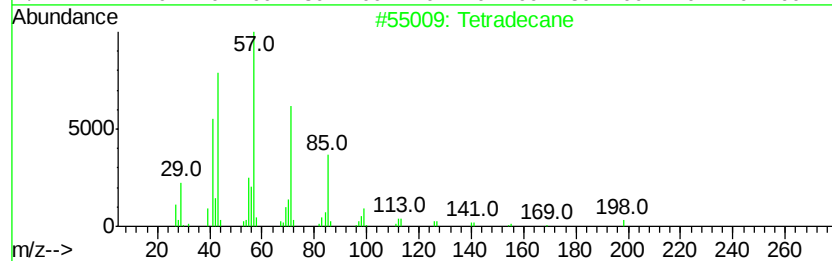
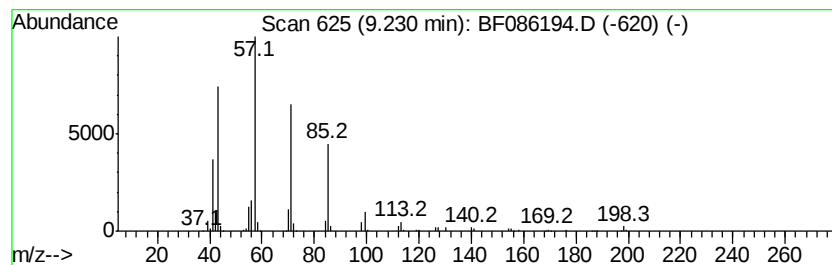
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	42.31 ng	4007920	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Nonadecane	268	C19H40	000629-92-5	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
5		10-Methylnonadecane	282	C20H42	056862-62-5	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086194.D
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Operator : UM/SJ
Sample : H2099-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

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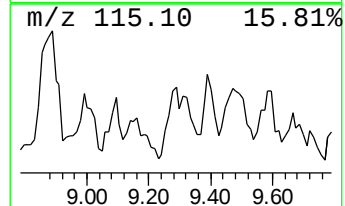
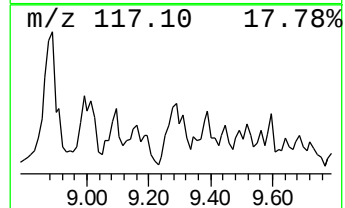
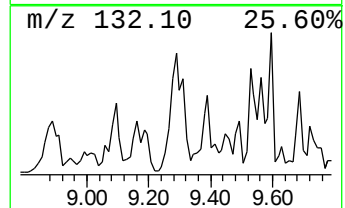
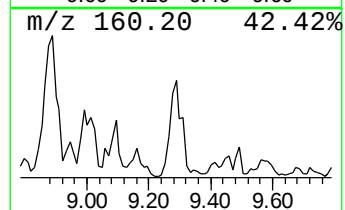
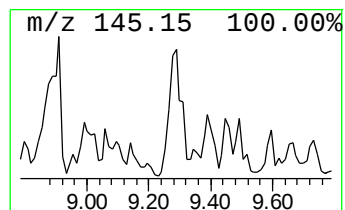
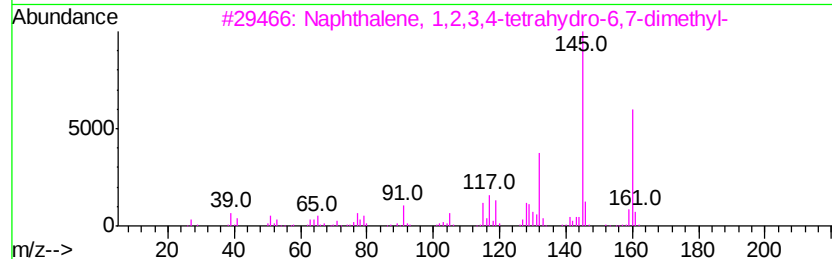
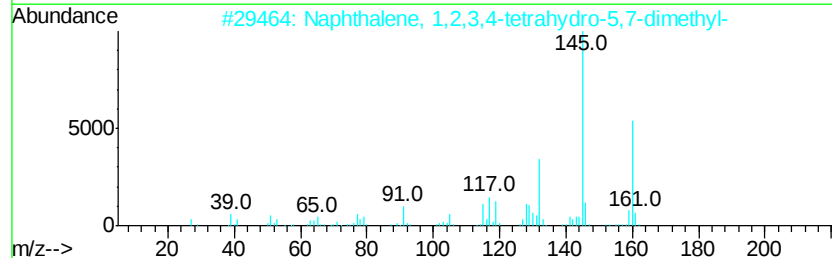
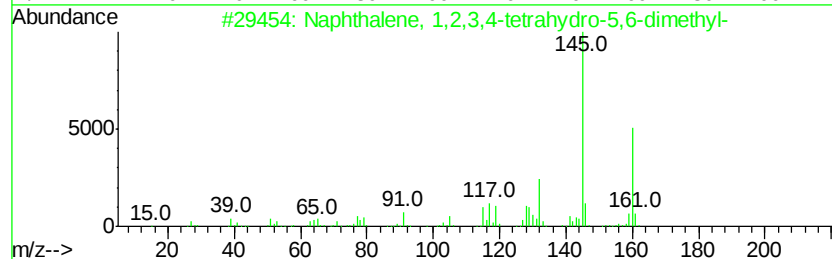
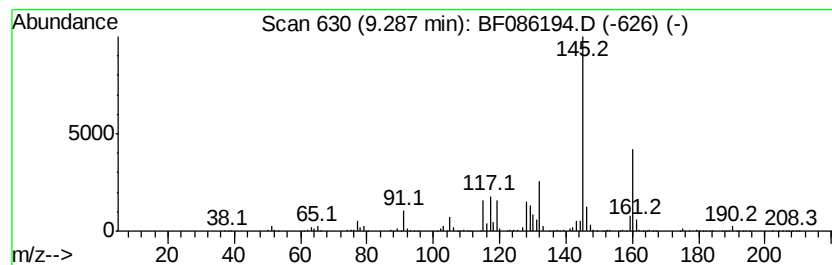
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	49.46 ng	4684620	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
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Acq On : 9 Apr 2016 3:25
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Misc :
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Instrument :
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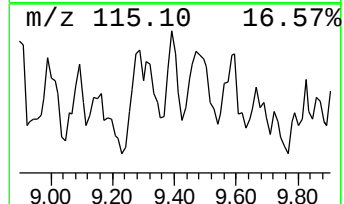
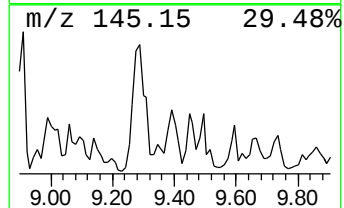
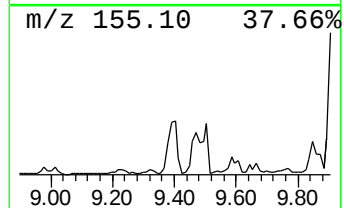
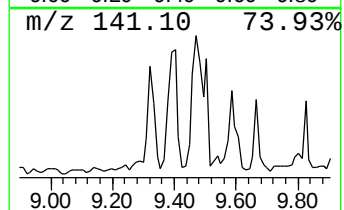
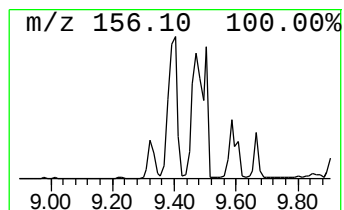
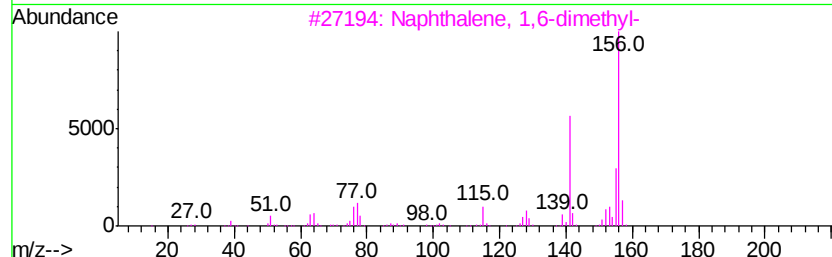
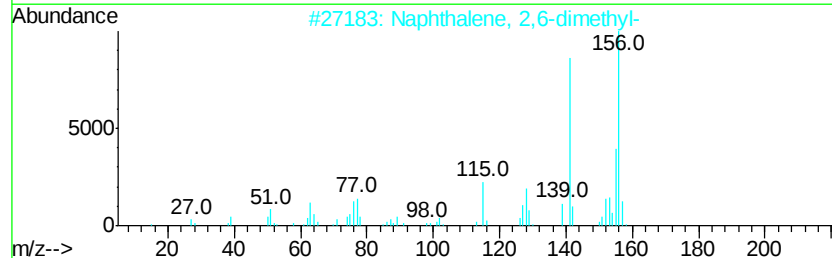
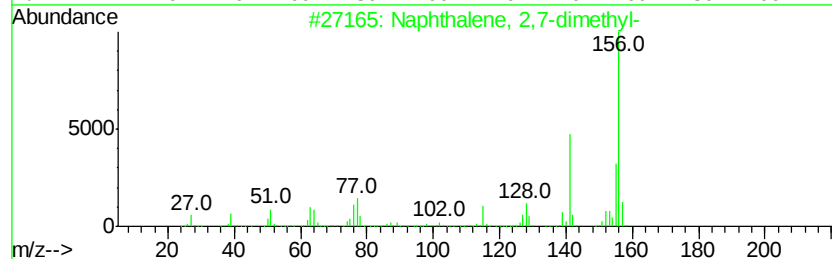
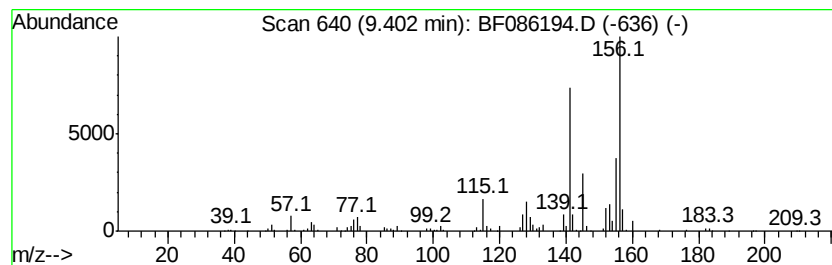
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	30.03 ng	2844340	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
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Acq On : 9 Apr 2016 3:25
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ClientSampleId :
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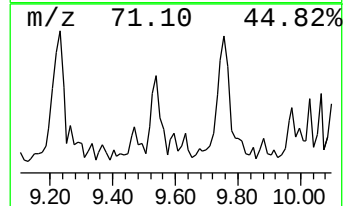
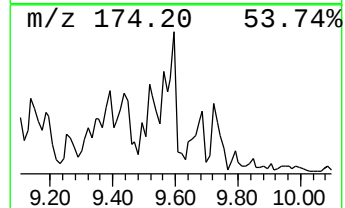
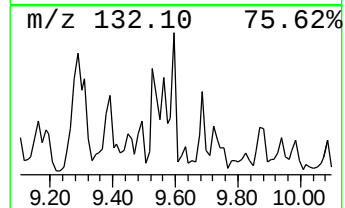
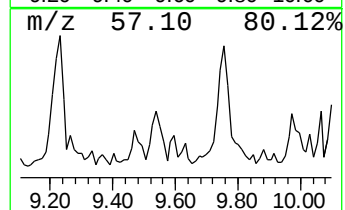
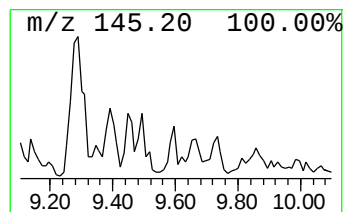
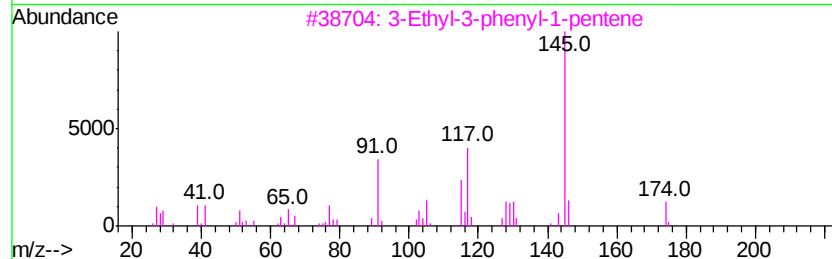
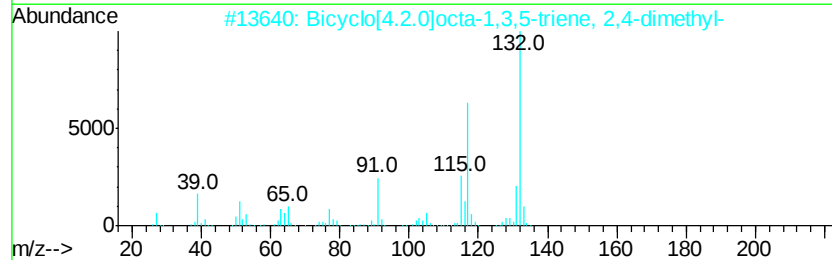
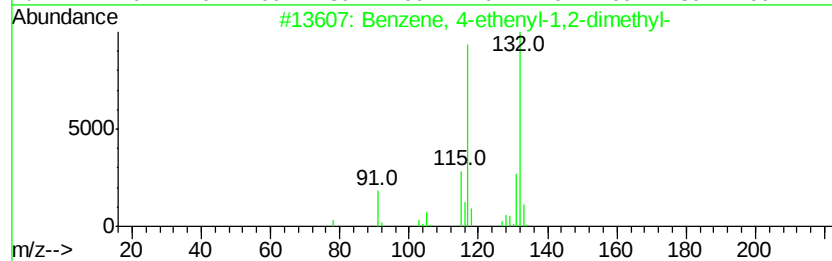
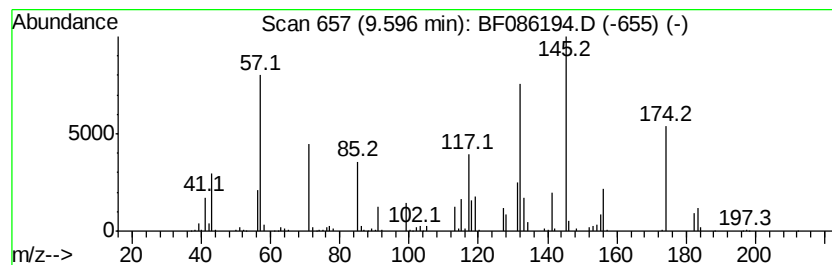
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.60 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	27.71 ng	2624380	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	27
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	22
3		3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	22
4		2-Azetidinone, 3,3-dimethyl-4-ph...	217	C14H19NO	054833-09-9	16
5		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
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ALS Vial : 33 Sample Multiplier: 1

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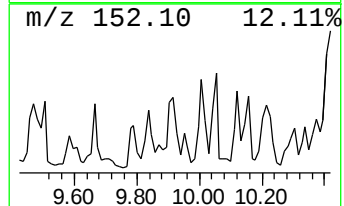
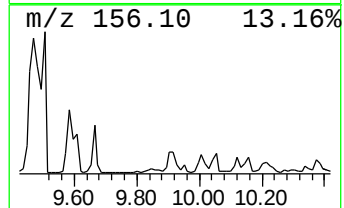
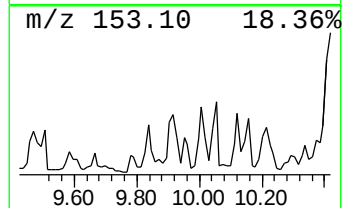
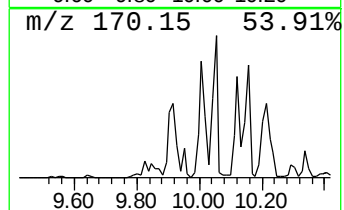
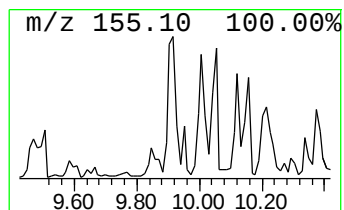
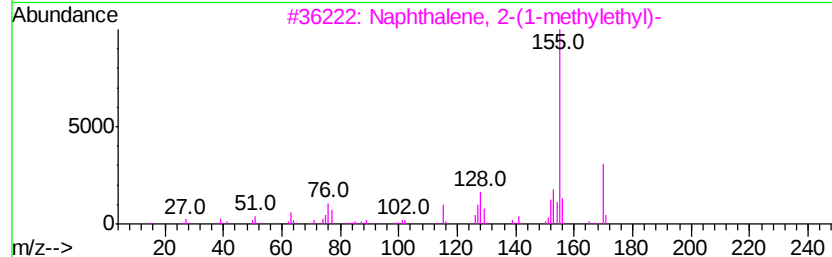
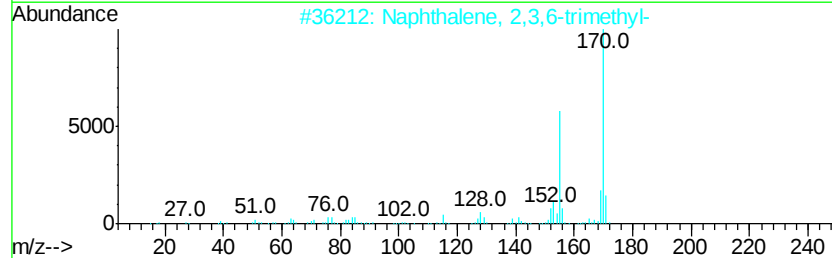
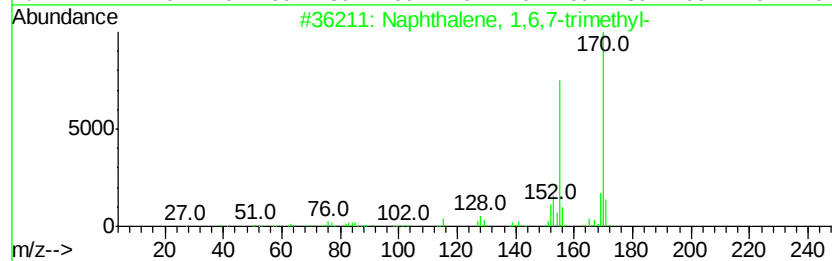
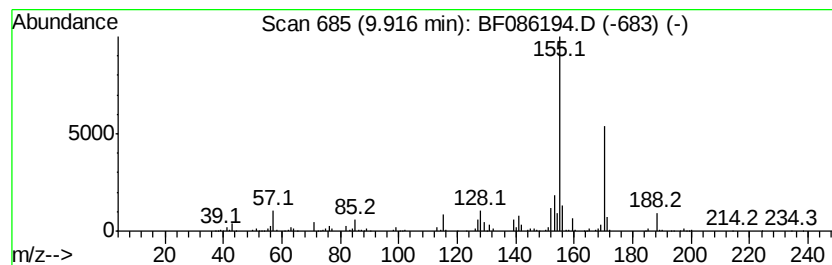
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	20.00 ng	1894490	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086194.D
Acq On : 9 Apr 2016 3:25
Operator : UM/SJ
Sample : H2099-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

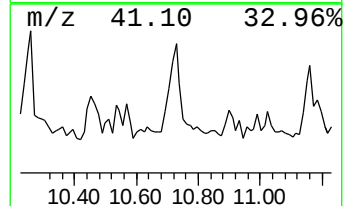
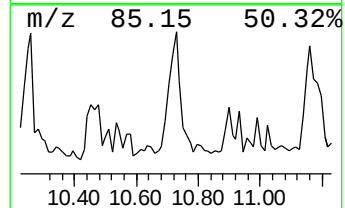
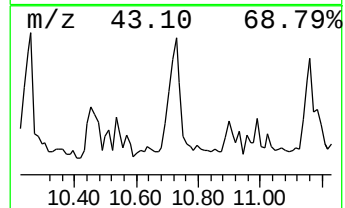
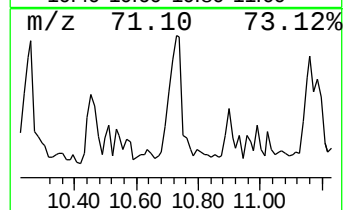
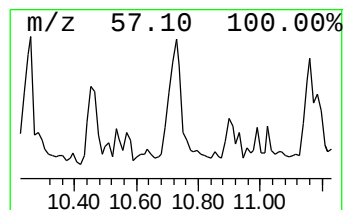
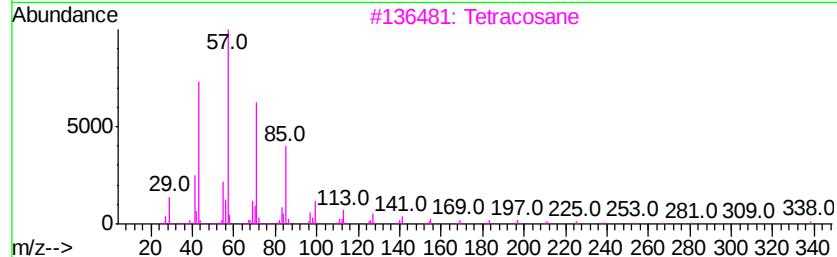
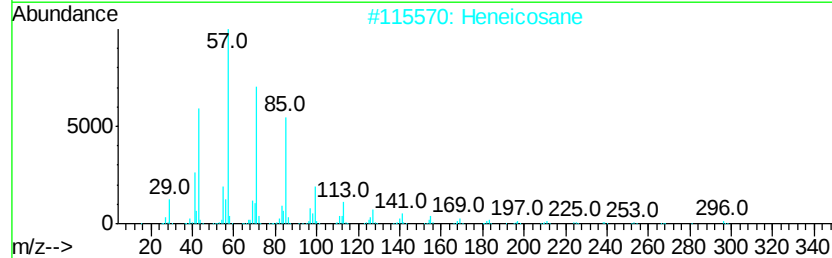
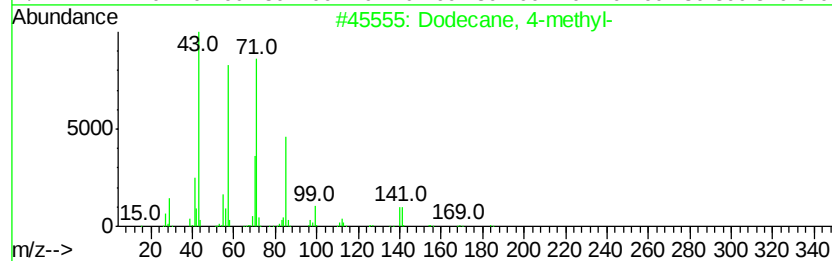
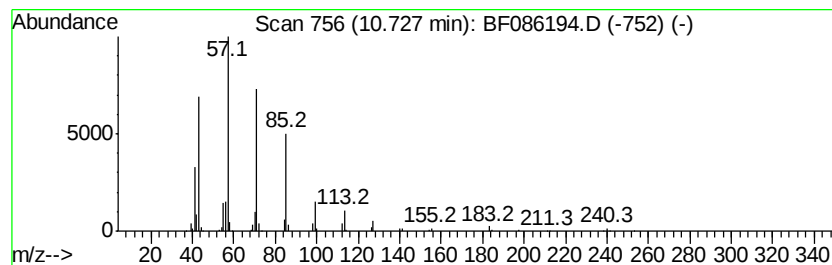
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.73	34.23 ng	3888840	Phenanthrene-d10	11.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90	
2	Heneicosane	296	C21H44	000629-94-7	90	
3	Tetracosane	338	C24H50	000646-31-1	90	
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90	
5	Hexadecane	226	C16H34	000544-76-3	90	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
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Misc :
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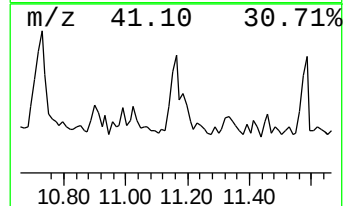
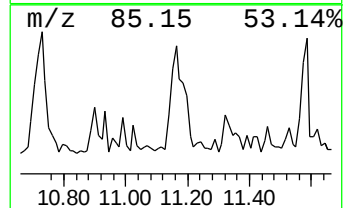
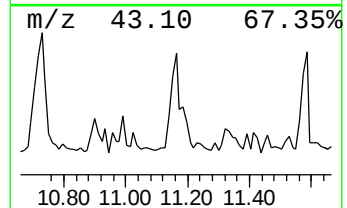
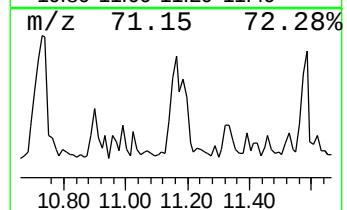
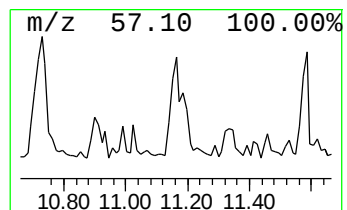
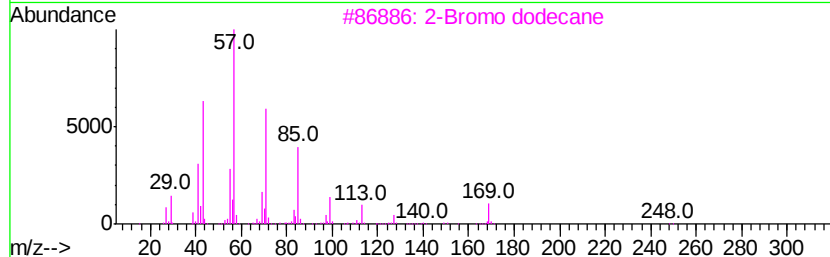
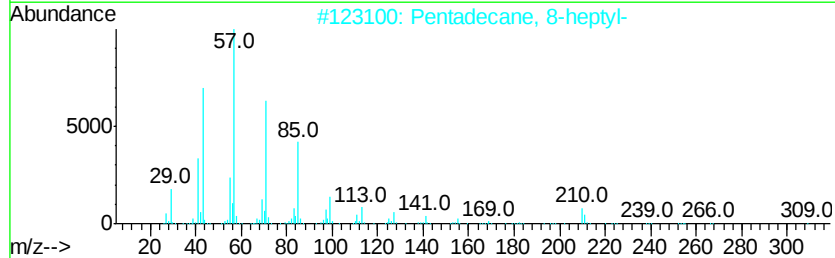
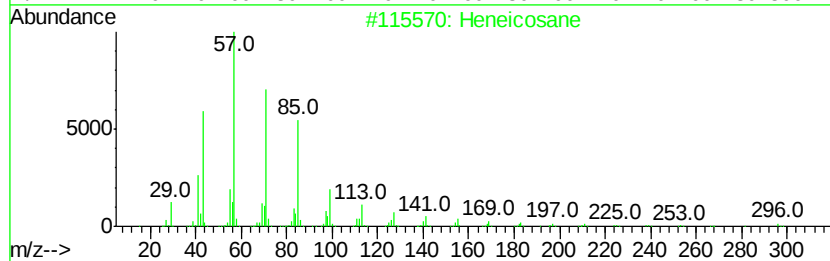
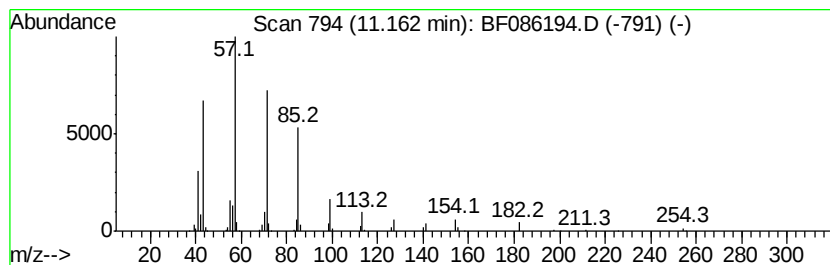
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	20.00 ng	2272440	Phenanthrene-d10	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	86
2	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	86
3	2-Bromo dodecane	248 C12H25Br	013187-99-0	80
4	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	78
5	Docosane	310 C22H46	000629-97-0	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086194.D
Acq On : 9 Apr 2016 3:25
Operator : UM/SJ
Sample : H2099-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

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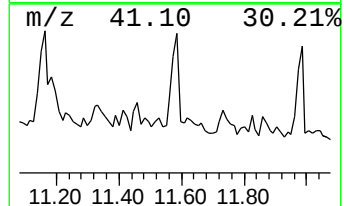
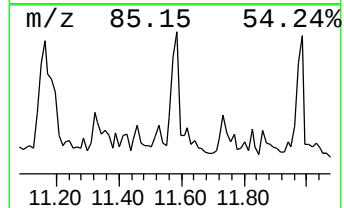
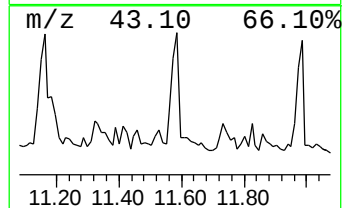
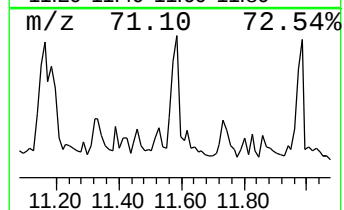
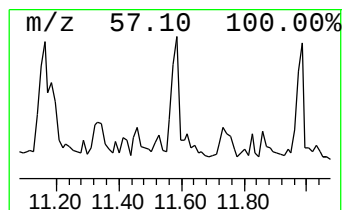
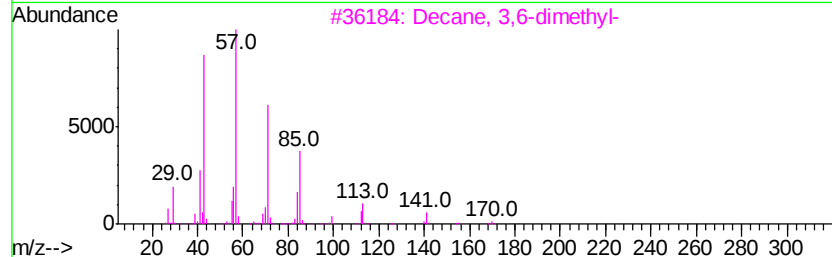
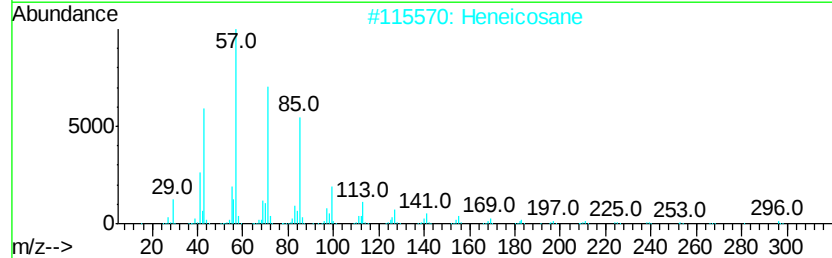
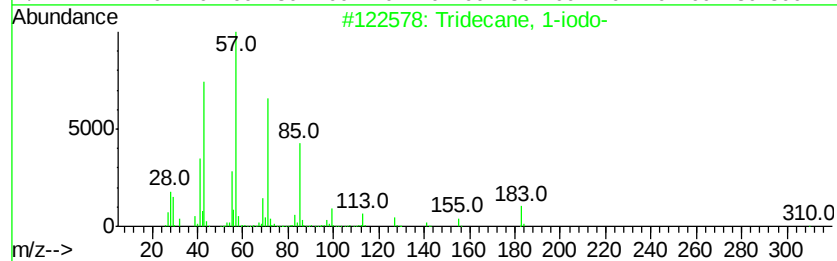
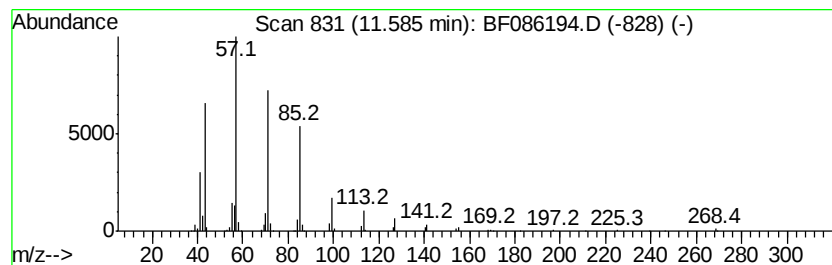
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	24.13 ng	2741350	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	83
4		Tetrapentacontane	759	C54H110	005856-66-6	78
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086194.D
Acq On : 9 Apr 2016 3:25
Operator : UM/SJ
Sample : H2099-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

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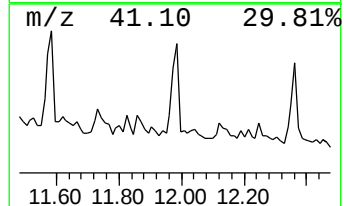
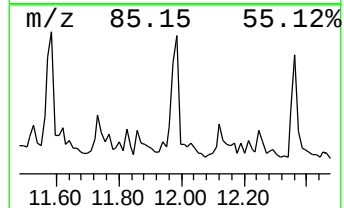
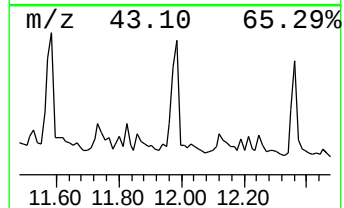
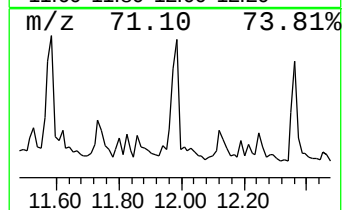
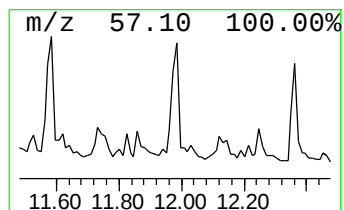
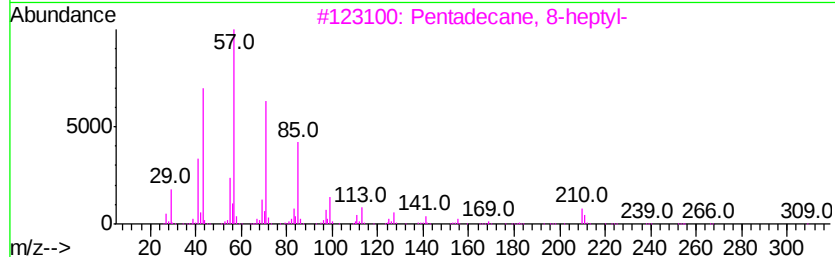
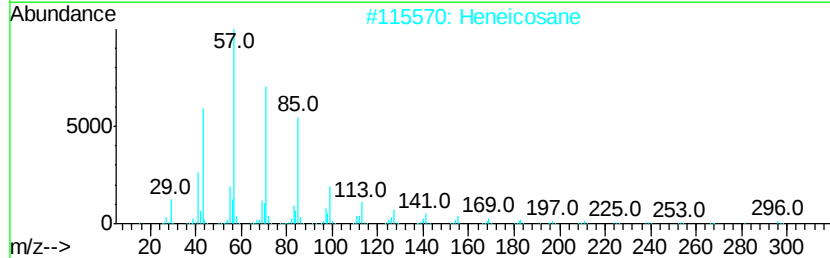
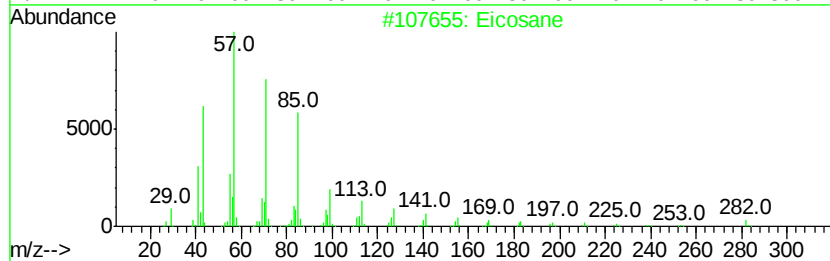
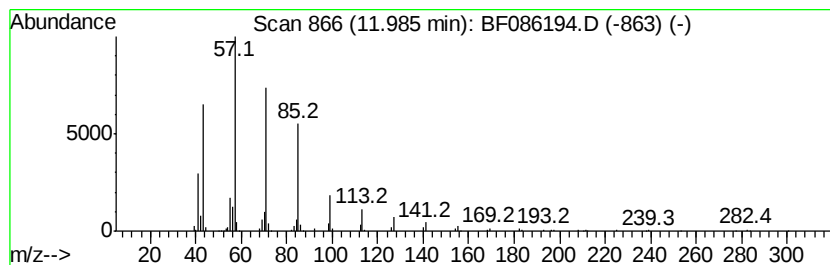
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	26.20 ng	2977440	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptvl-	310	C22H46	071005-15-7	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Docosane	310	C22H46	000629-97-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086194.D
Acq On : 9 Apr 2016 3:25
Operator : UM/SJ
Sample : H2099-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

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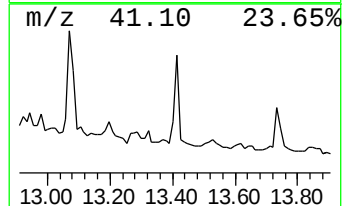
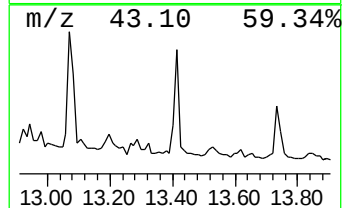
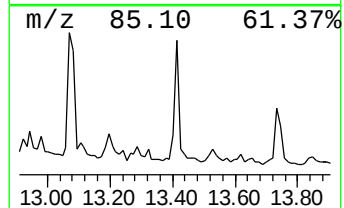
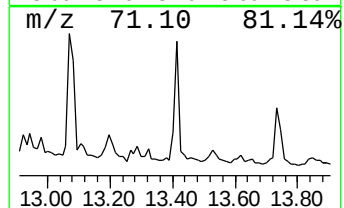
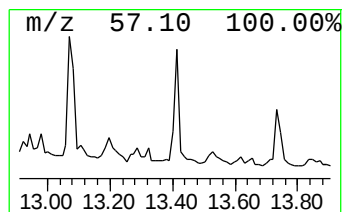
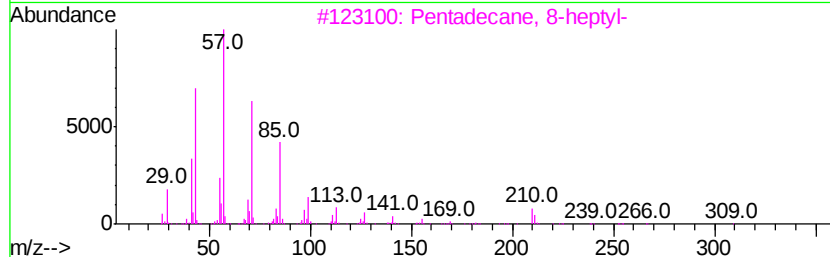
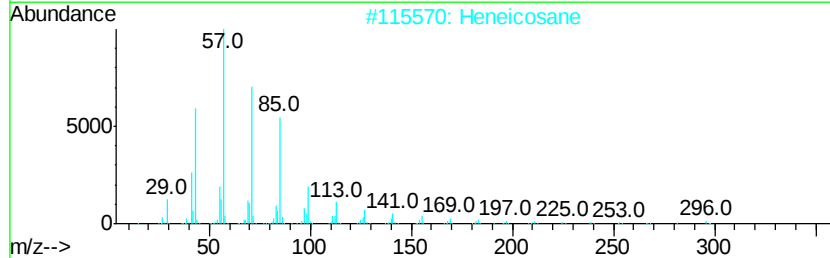
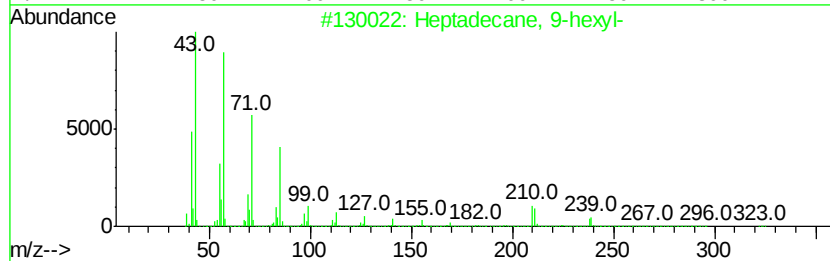
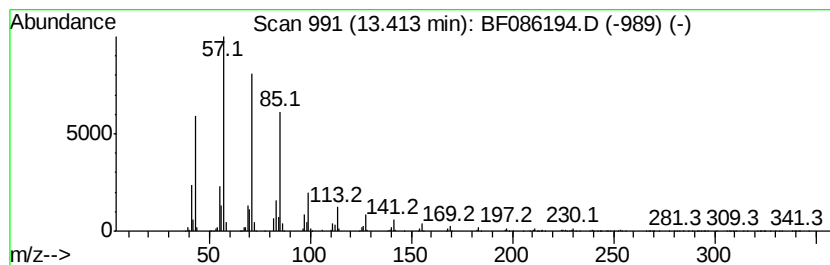
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 9-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	25.04 ng	1423250	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Docosane	310	C22H46	000629-97-0	91
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
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 Sample : H2099-10
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Instrument :
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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
Decane	6.58	23.9	ng	4767430	1	6.74	3998390	20.0
Benzene, 1,3-diet...	7.06	22.2	ng	4433120	1	6.74	3998390	20.0
Benzene, 1-methyl...	7.14	19.0	ng	3802590	1	6.74	3998390	20.0
Hexadecane	7.37	18.6	ng	3728020	1	6.74	3998390	20.0
Naphthalene, 1,2,...	9.01	37.5	ng	3549230	3	9.80	1894490	20.0
Tetradecane	9.23	42.3	ng	4007920	3	9.80	1894490	20.0
Naphthalene, 1,2,...	9.29	49.5	ng	4684620	3	9.80	1894490	20.0
Naphthalene, 2,7-...	9.40	30.0	ng	2844340	3	9.80	1894490	20.0
unknown9.60	9.60	27.7	ng	2624380	3	9.80	1894490	20.0
Naphthalene, 1,6,...	9.92	20.0	ng	1894490	3	9.80	1894490	20.0
Dodecane, 4-methyl-	10.73	34.2	ng	3888840	4	11.28	2272440	20.0
Heneicosane	11.16	20.0	ng	2272440	4	11.28	2272440	20.0
Tridecane, 1-iodo-	11.58	24.1	ng	2741350	4	11.28	2272440	20.0
Eicosane	11.98	26.2	ng	2977440	4	11.28	2272440	20.0
Heptadecane, 9-he...	13.41	25.0	ng	1423250	5	13.89	1136910	20.0