

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
 Data File : BF093409.D
 Acq On : 6 Mar 2017 19:08
 Operator : SJ/MA
 Sample : I2057-20 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18B-23

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.864	168	173	176	rBV2	87873	168713	1.76%	0.087%
2	3.921	176	178	182	rVB	78410	121550	1.27%	0.063%
3	4.036	184	188	191	rBV2	68907	132680	1.39%	0.069%
4	4.093	191	193	198	rVB	50331	102632	1.07%	0.053%
5	4.253	204	207	211	rBV2	216825	364698	3.81%	0.189%
6	4.367	213	217	221	rVB	116890	202251	2.11%	0.105%
7	4.607	235	238	239	rBV	71990	98358	1.03%	0.051%
8	4.721	243	248	250	rBV	356861	467030	4.88%	0.242%
9	4.767	250	252	253	rBV	97049	115059	1.20%	0.060%
10	4.813	253	256	260	rVB3	293661	526928	5.51%	0.273%
11	4.881	260	262	268	rBV2	910834	1911128	19.97%	0.989%
12	5.030	271	275	278	rVB	171346	282042	2.95%	0.146%
13	5.110	279	282	283	rBV	529280	649149	6.78%	0.336%
14	5.133	283	284	289	rVB4	100875	175888	1.84%	0.091%
15	5.293	296	298	299	rBV2	92372	139604	1.46%	0.072%
16	5.316	299	300	302	rVB2	107148	134450	1.40%	0.070%
17	5.362	302	304	306	rBV	1230851	1419622	14.83%	0.735%
18	5.407	306	308	311	rVB2	320948	508165	5.31%	0.263%
19	5.487	313	315	318	rBV2	537710	772400	8.07%	0.400%
20	5.533	318	319	321	rVB	590210	589636	6.16%	0.305%
21	5.579	321	323	327	rVB2	619543	958179	10.01%	0.496%
22	5.659	327	330	332	rBV	244087	321335	3.36%	0.166%
23	5.750	334	338	340	rBV2	913424	1708139	17.85%	0.884%
24	5.807	340	343	345	rBV2	525409	926375	9.68%	0.480%
25	5.842	345	346	348	rVB2	78924	97478	1.02%	0.050%
26	5.899	348	351	353	rVB	1716507	2107778	22.02%	1.091%
27	5.956	353	356	358	rBV2	536003	1194740	12.48%	0.619%
28	6.002	358	360	363	rVB	3027151	3875578	40.49%	2.006%
29	6.059	363	365	366	rBV	2264933	2222449	23.22%	1.151%
30	6.093	366	368	369	rVB	268145	312628	3.27%	0.162%
31	6.196	374	377	378	rBV	1046323	1542920	16.12%	0.799%
32	6.242	378	381	382	rBV3	358368	564957	5.90%	0.292%
33	6.287	382	385	390	rVB2	2028963	3574846	37.35%	1.851%
34	6.356	390	391	394	rBV3	455584	1123211	11.73%	0.582%

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35	6.424	394	397	399	rVB2	1996516	2725284	28.47%	1.411%
36	6.459	399	400	402	rVB	799098	722782	7.55%	0.374%
37	6.516	402	405	406	rBV2	1084099	2188339	22.86%	1.133%
38	6.539	406	407	411	rVB3	1628080	2336243	24.41%	1.210%
39	6.619	411	414	416	rBV3	986216	1424176	14.88%	0.737%
40	6.790	419	429	431	rVB2	4531232	9571792	100.00%	4.956%
41	6.836	431	433	434	rBV	1221494	1725678	18.03%	0.893%
42	6.870	434	436	437	rBV2	881004	1392974	14.55%	0.721%
43	6.893	437	438	439	rVB	881239	604089	6.31%	0.313%
44	6.927	439	441	445	rVB3	2653170	5105331	53.34%	2.643%
45	7.007	445	448	449	rBV2	1129738	1851610	19.34%	0.959%
46	7.042	449	451	454	rVB2	2204757	3782282	39.51%	1.958%
47	7.087	454	455	457	rBV2	615321	528170	5.52%	0.273%
48	7.122	457	458	460	rBV2	729280	1061464	11.09%	0.550%
49	7.167	460	462	463	rBV2	2073098	2051188	21.43%	1.062%
50	7.202	463	465	468	rVB4	1009191	1713855	17.91%	0.887%
51	7.259	468	470	471	rBV2	497356	872179	9.11%	0.452%
52	7.316	471	475	476	rBV2	2368654	4519521	47.22%	2.340%
53	7.362	476	479	482	rVB4	1516916	3672905	38.37%	1.902%
54	7.419	482	484	486	rBV2	2686857	4227015	44.16%	2.188%
55	7.499	486	491	492	rBV2	2535521	5513342	57.60%	2.854%
56	7.533	492	494	495	rBV	1126584	1153278	12.05%	0.597%
57	7.567	495	497	500	rVB3	2417750	5374535	56.15%	2.783%
58	7.625	500	502	504	rBV2	594522	1429279	14.93%	0.740%
59	7.705	504	509	511	rBV4	2356823	5423319	56.66%	2.808%
60	7.750	511	513	514	rVB	1275838	1270689	13.28%	0.658%
61	7.819	517	519	523	rBV3	1184317	2717740	28.39%	1.407%
62	7.887	523	525	527	rBV3	2002588	2263590	23.65%	1.172%
63	7.945	527	530	531	rBV2	1857091	3456295	36.11%	1.789%
64	8.002	534	535	536	rBV	1110181	1195019	12.48%	0.619%
65	8.047	538	539	542	rVB3	1252192	2173077	22.70%	1.125%
66	8.139	544	547	548	rVB	3595123	4136801	43.22%	2.142%
67	8.230	553	555	556	rBV2	1354290	1844424	19.27%	0.955%
68	8.276	556	559	560	rVB3	1833830	3017503	31.52%	1.562%
69	8.310	560	562	563	rBV2	561298	807345	8.43%	0.418%
70	8.356	563	566	568	rVB2	2322899	3207354	33.51%	1.661%
71	8.493	576	578	583	rBV4	3699917	8710664	91.00%	4.510%

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72	8.573	583	585	586	rBV	1186926	1272540	13.29%	0.659%
73	8.608	586	588	589	rBV2	2118164	2340601	24.45%	1.212%
74	8.756	599	601	603	rVB2	2427522	3972559	41.50%	2.057%
75	8.813	603	606	607	rBV3	1235410	2322310	24.26%	1.202%
76	8.893	612	613	615	rVV2	1478877	1934157	20.21%	1.001%
77	8.973	619	620	622	rVB2	1658929	2068126	21.61%	1.071%
78	9.019	622	624	625	rBV2	807972	1322740	13.82%	0.685%
79	9.099	629	631	634	rVV2	2954136	3847566	40.20%	1.992%
80	9.225	639	642	645	rBV4	2308003	4622021	48.29%	2.393%
81	9.453	660	662	664	rBV3	1015033	1513898	15.82%	0.784%
82	9.556	668	671	672	rVB2	2549691	3981567	41.60%	2.061%
83	9.693	681	683	685	rBV3	1060293	2041198	21.33%	1.057%
84	9.728	685	686	688	rVB	1701382	2203286	23.02%	1.141%
85	9.865	696	698	699	rBV2	909516	1050701	10.98%	0.544%
86	9.933	702	704	706	rVB3	1136903	1143033	11.94%	0.592%
87	10.082	715	717	721	rBV4	1764850	2693949	28.14%	1.395%
88	10.151	721	723	725	rBV2	1234148	2100337	21.94%	1.087%
89	10.231	728	730	733	rVV3	1024710	1594448	16.66%	0.825%
90	10.368	740	742	745	rBV4	1038533	2781018	29.05%	1.440%
91	10.482	749	752	754	rVB	2238139	3289875	34.37%	1.703%
92	10.745	773	775	778	rBV	2456266	4113049	42.97%	2.129%
93	11.214	813	816	819	rVB	2078293	3017659	31.53%	1.562%
94	16.425	1269	1272	1279	rVB	1217832	2743692	28.66%	1.420%

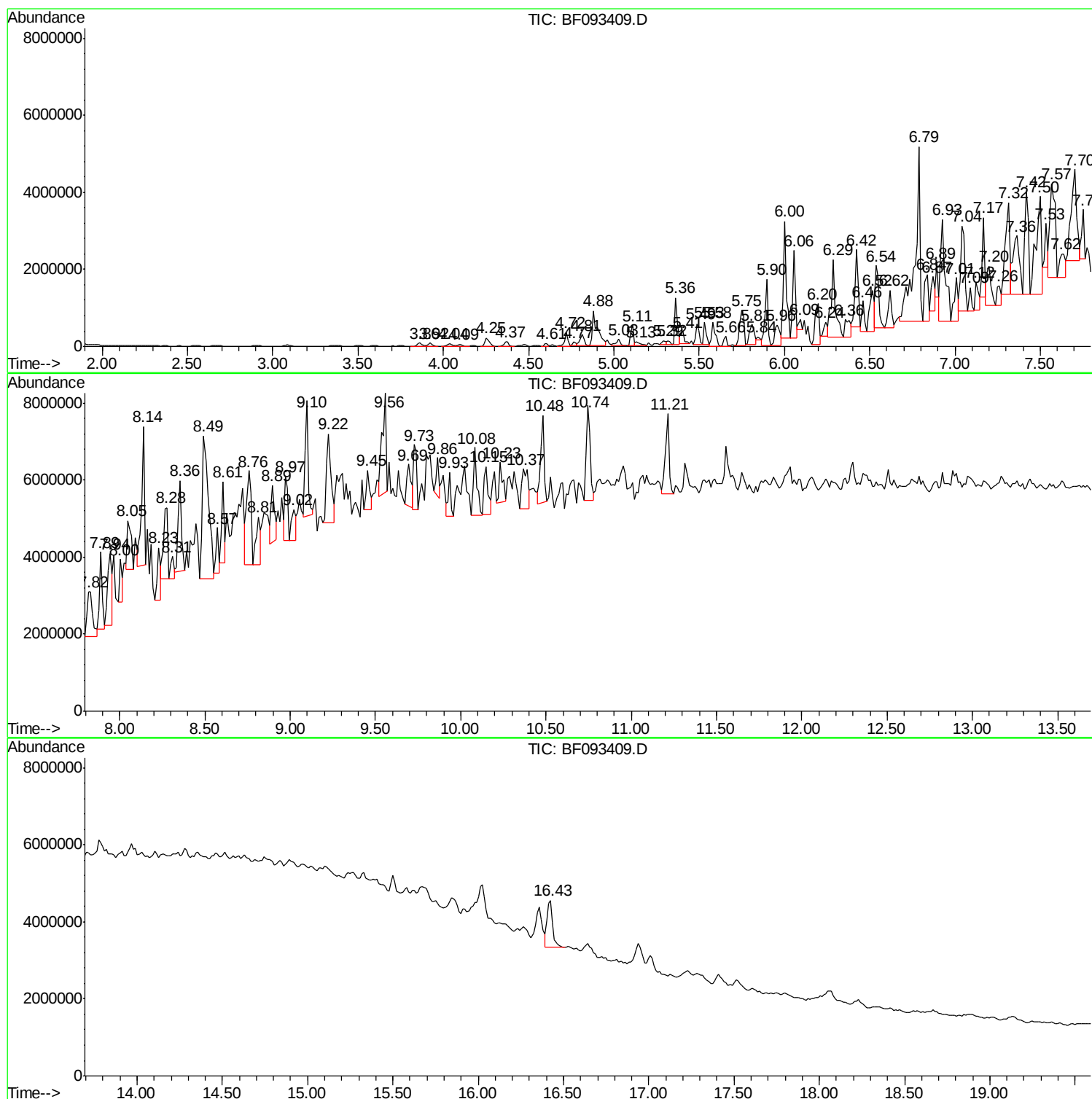
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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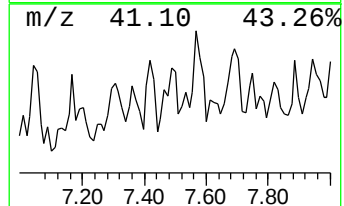
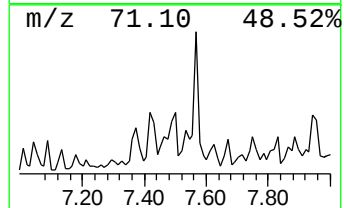
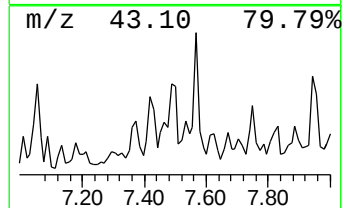
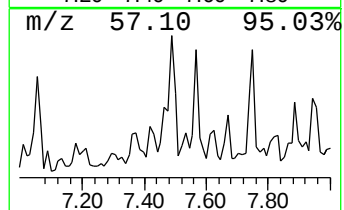
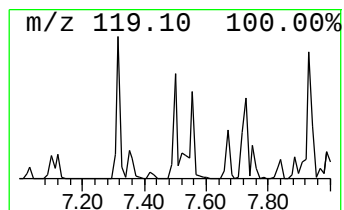
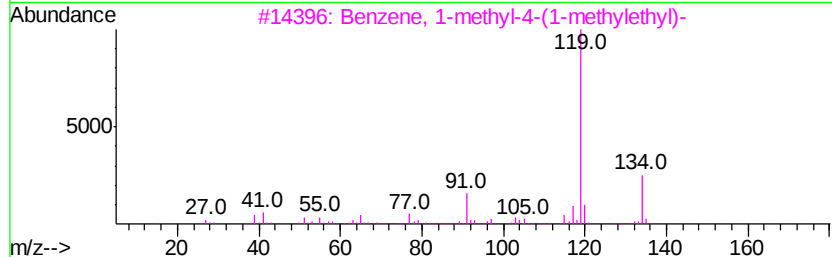
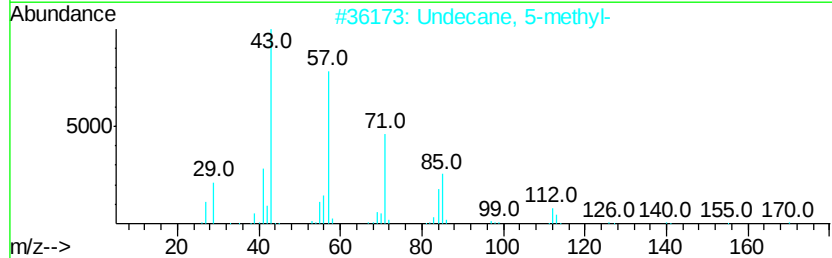
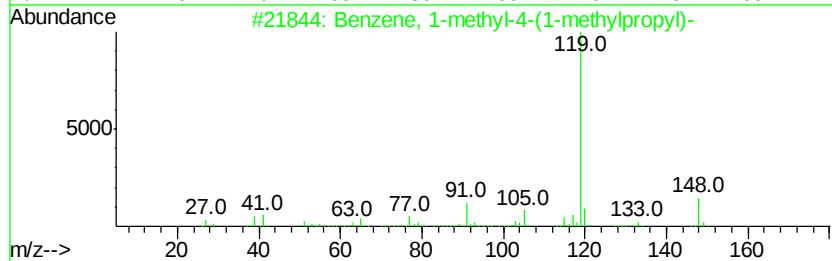
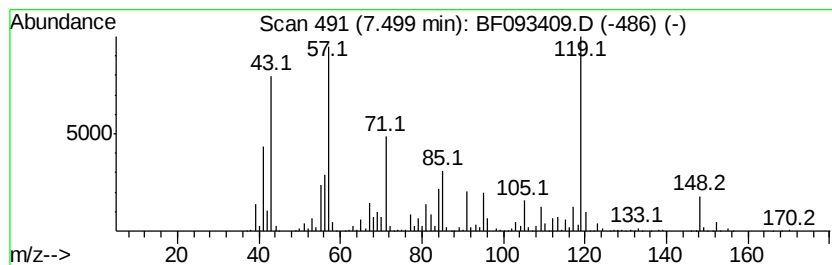
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	50.74 ng	5513340	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	38
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	30
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	30
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	30



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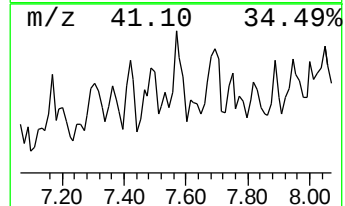
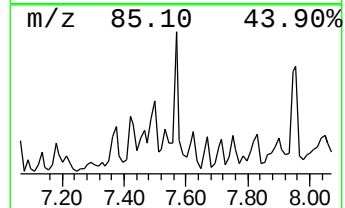
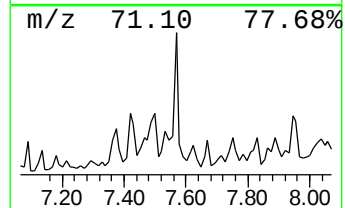
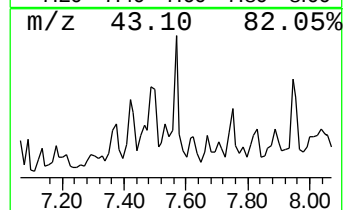
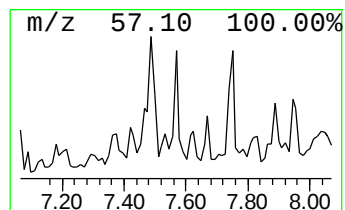
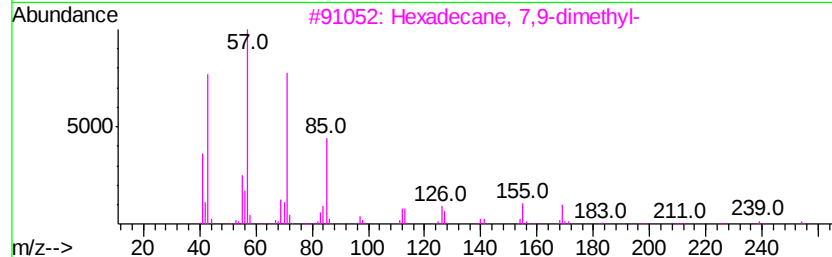
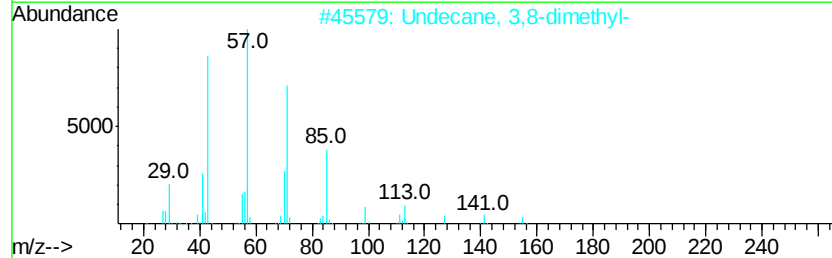
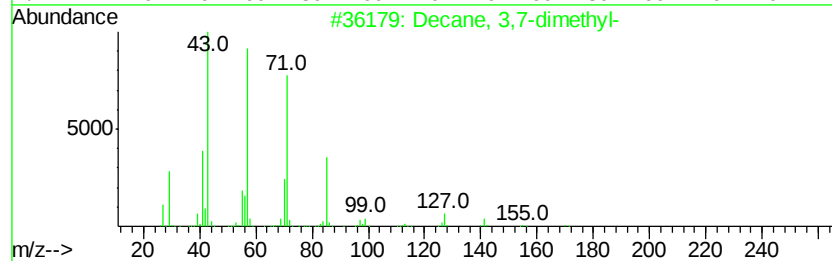
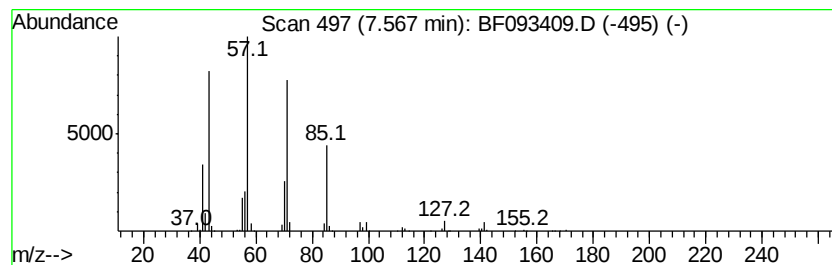
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 3,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	49.46 ng	5374540	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	90
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	90
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
5		Decane, 5-propyl-	184	C13H28	017312-62-8	64



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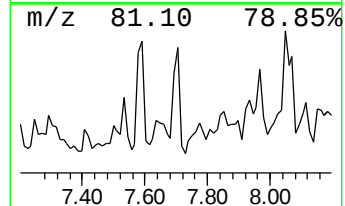
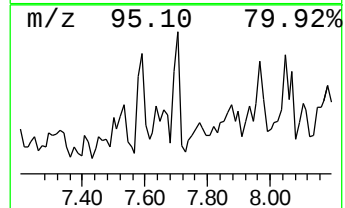
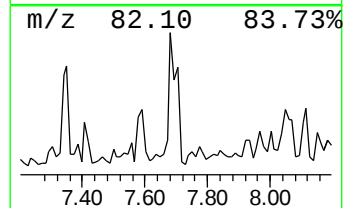
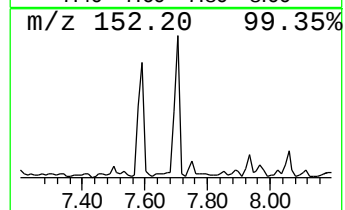
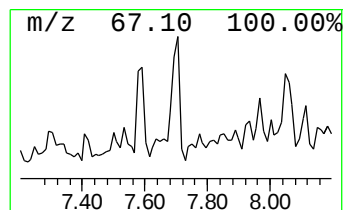
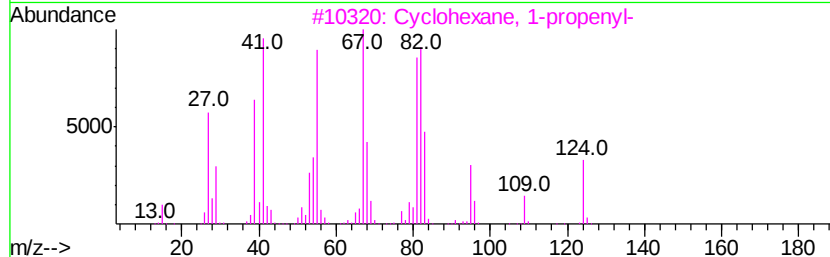
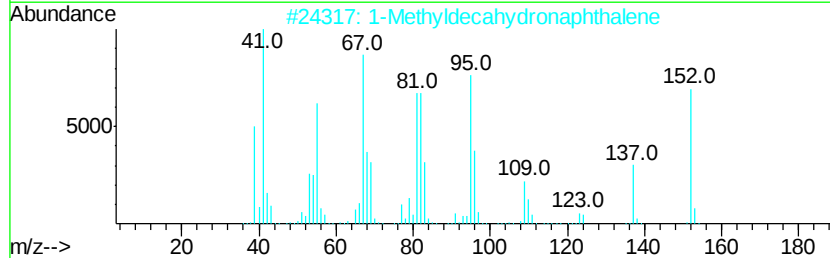
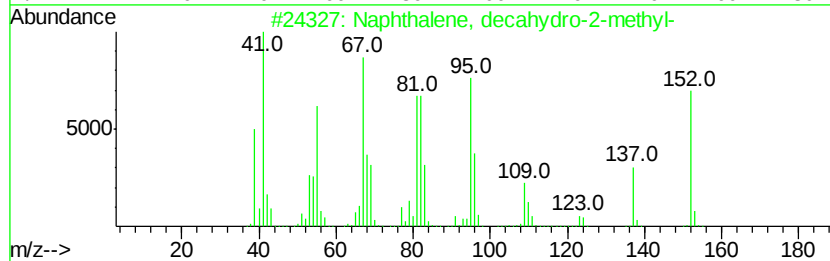
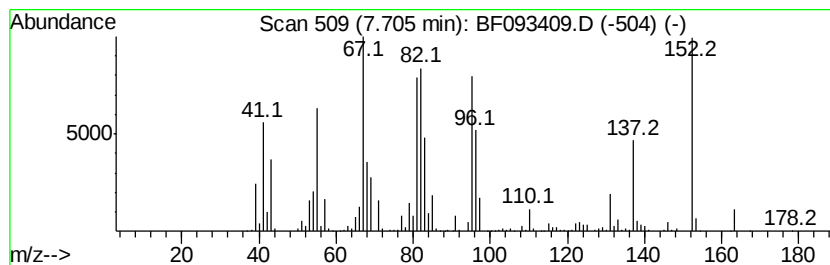
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	49.91 ng	5423320	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	62
3		Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	55
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	52
5		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	46



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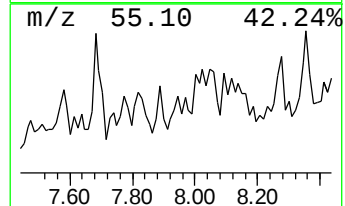
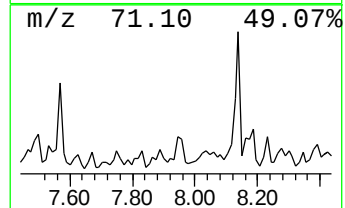
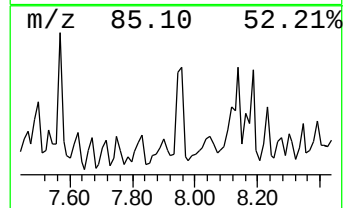
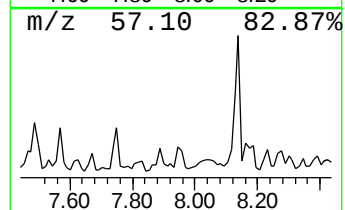
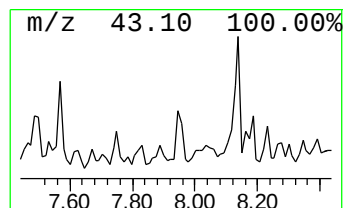
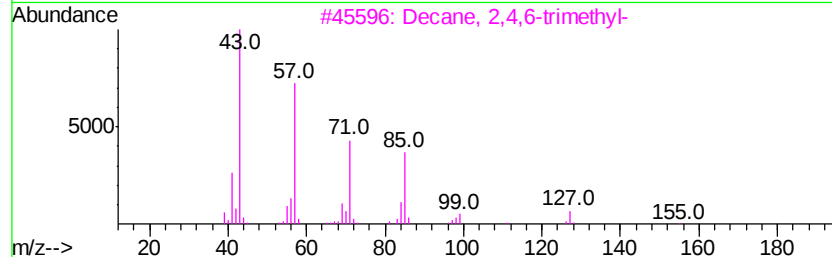
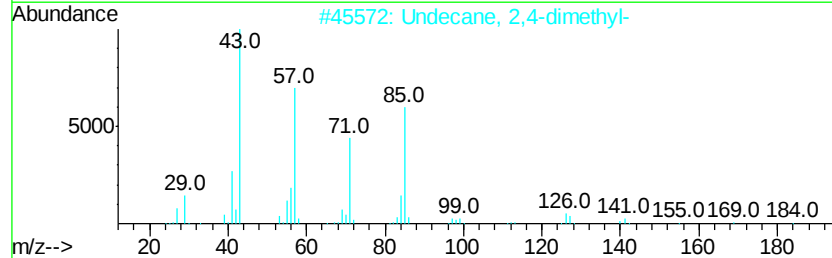
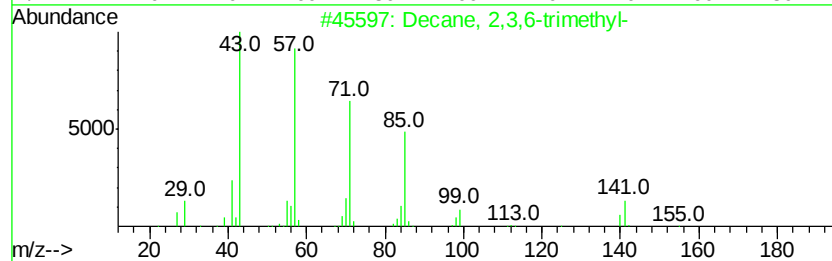
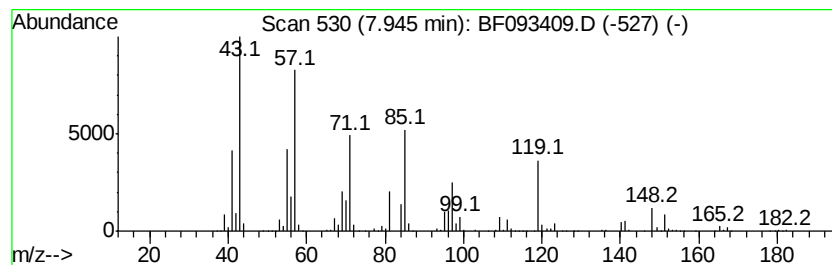
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.94 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	31.81 ng	3456300	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	47
2		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	47
3		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	47
4		4,4-Dipropylheptane	184	C13H28	017312-72-0	47
5		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	47



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Acq On : 6 Mar 2017 19:08
Operator : SJ/MA
Sample : I2057-20 2X
Misc :
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Instrument :
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ClientSampleId :
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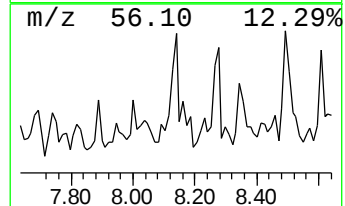
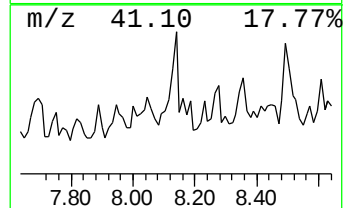
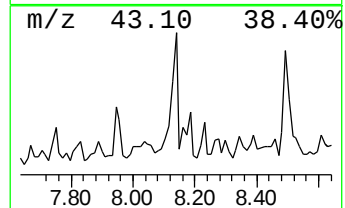
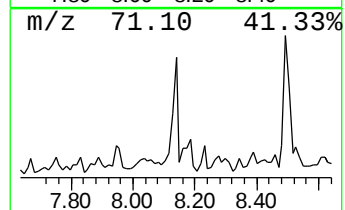
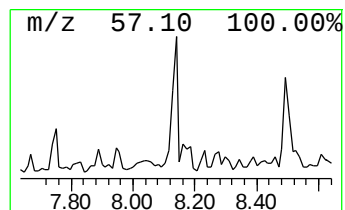
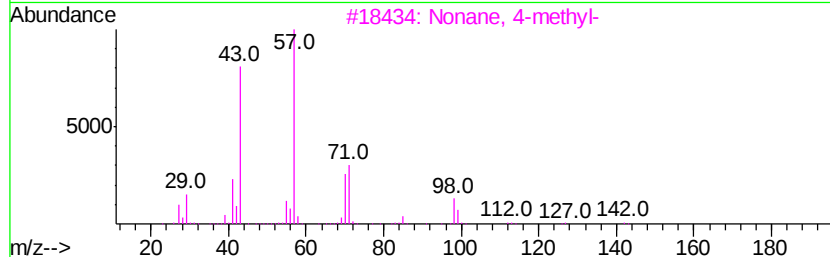
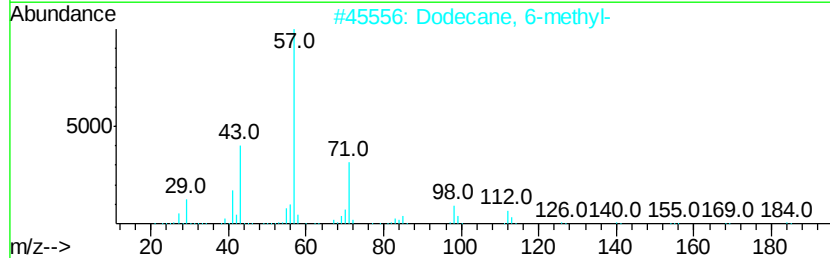
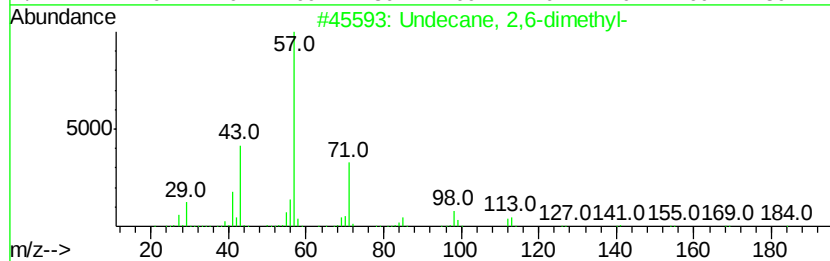
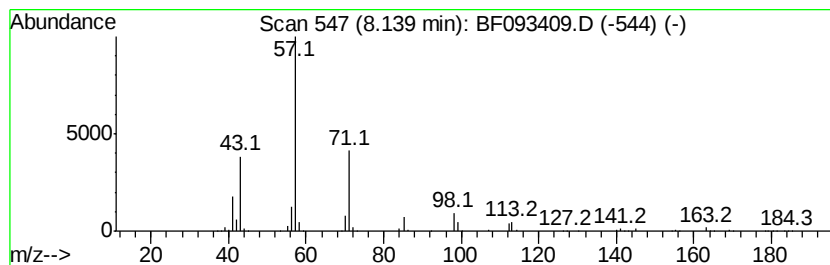
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	38.07 ng	4136800	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	72
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	58



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093409.D
Acq On : 6 Mar 2017 19:08
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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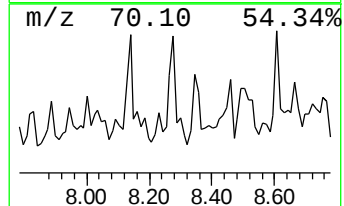
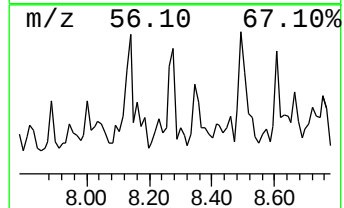
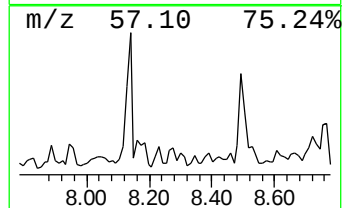
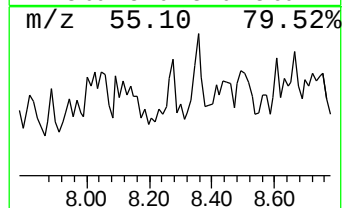
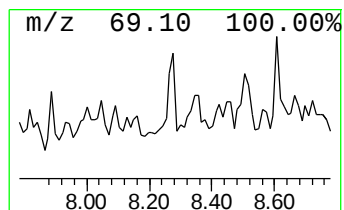
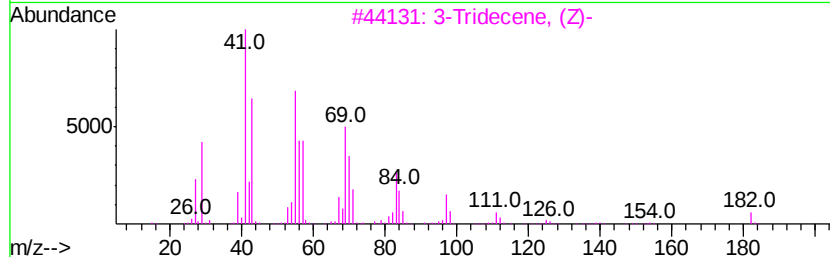
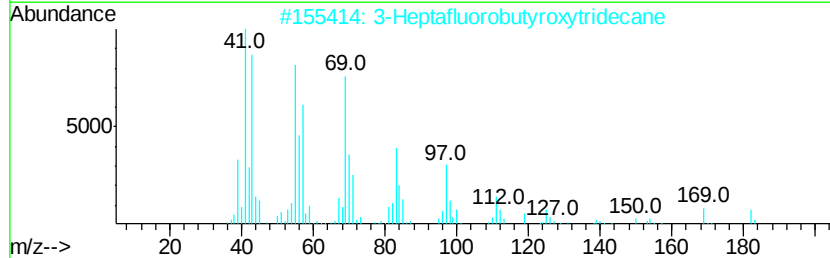
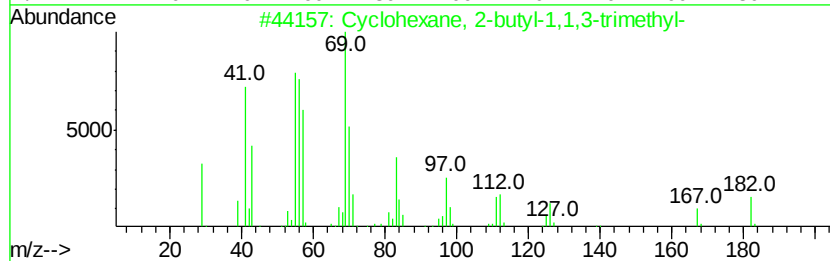
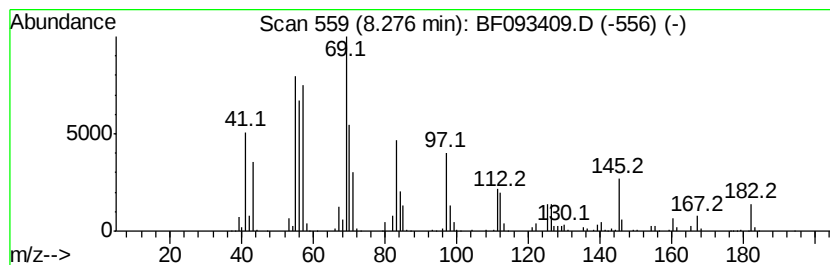
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	27.77 ng	3017500	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2		3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	72
3		3-Tridecene, (Z)-	182	C13H26	041446-53-1	70
4		5-Dodecene, (E)-	168	C12H24	007206-16-8	68
5		6-Tridecene, (Z)-	182	C13H26	006508-77-6	68



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093409.D
Acq On : 6 Mar 2017 19:08
Operator : SJ/MA
Sample : I2057-20 2X
Misc :
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Instrument :
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ClientSampleId :
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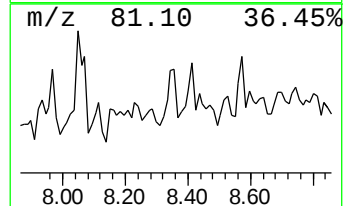
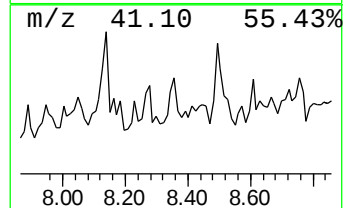
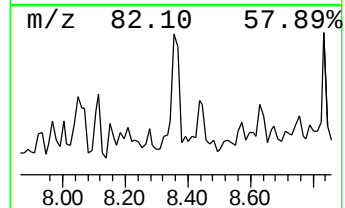
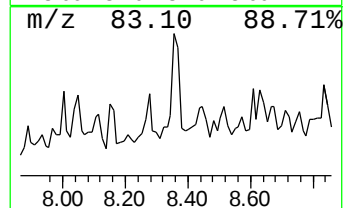
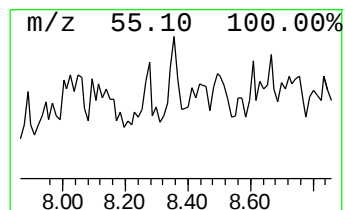
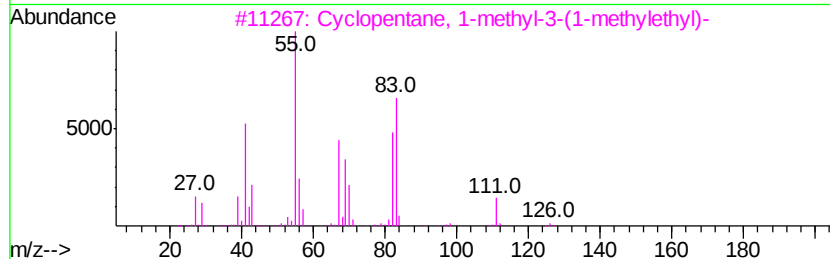
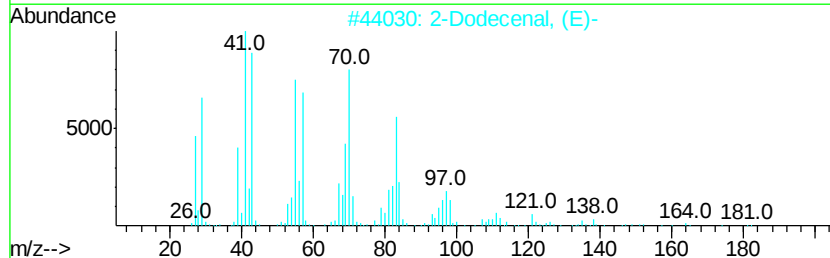
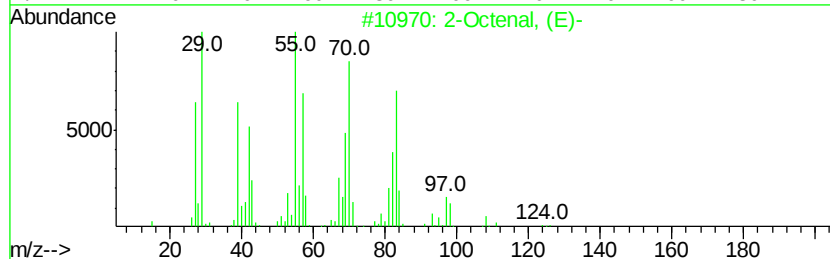
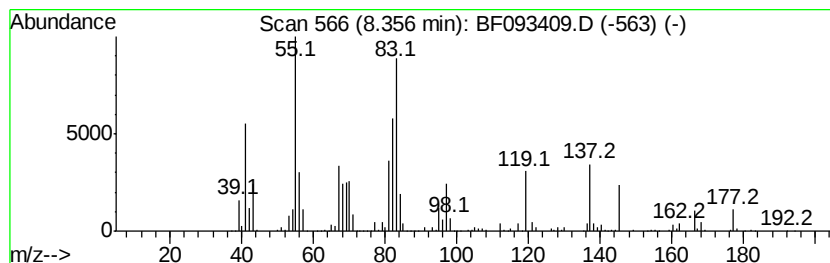
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.36 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	29.52 ng	3207350	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-		126	C8H14O	002548-87-0	49
2	2-Dodecenal, (E)-		182	C12H22O	020407-84-5	43
3	Cyclopentane, 1-methyl-3-(1-meth...		126	C9H18	053771-88-3	43
4	Heptylcyclohexane		182	C13H26	005617-41-4	43
5	Cyclopentane, 1-hexyl-3-methyl-		168	C12H24	061142-68-5	38



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030617\
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Acq On : 6 Mar 2017 19:08
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ALS Vial : 11 Sample Multiplier: 1

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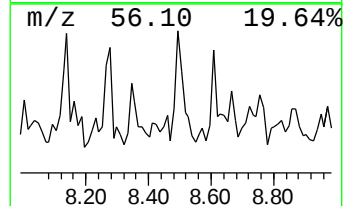
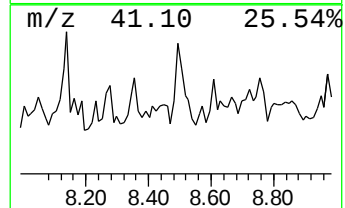
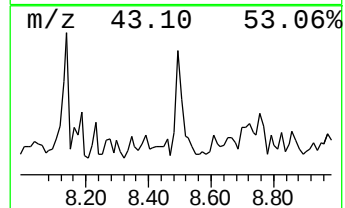
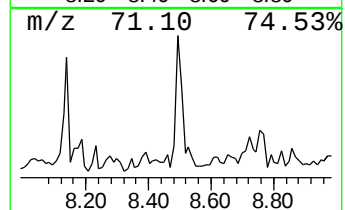
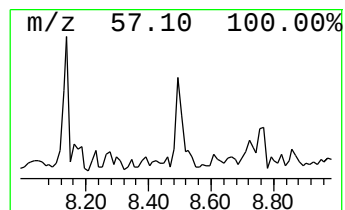
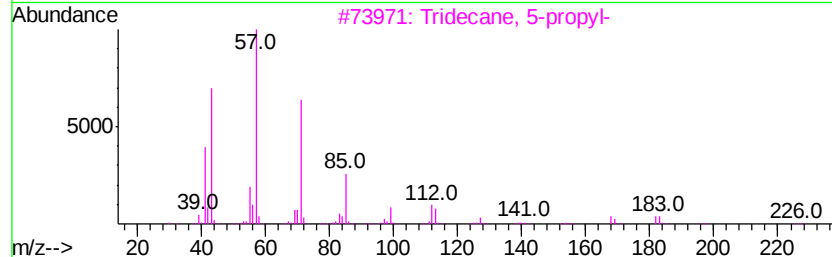
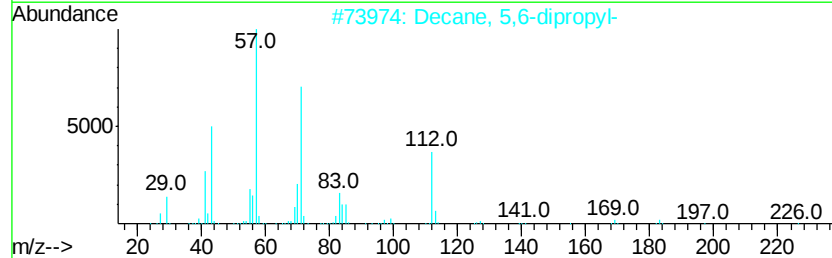
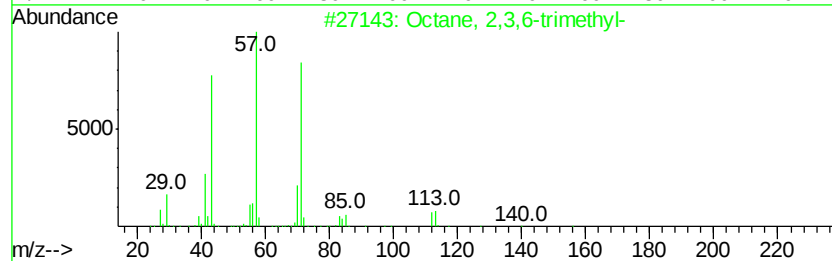
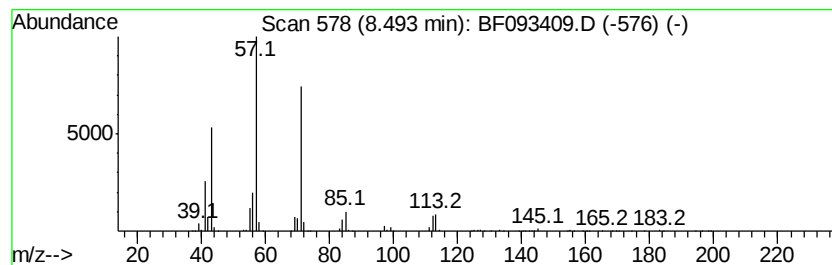
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 2,3,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	80.17 ng	8710660	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
2		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	64
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Acq On : 6 Mar 2017 19:08
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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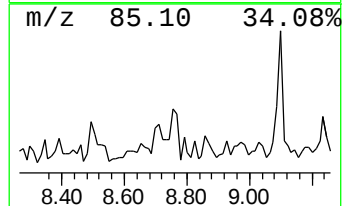
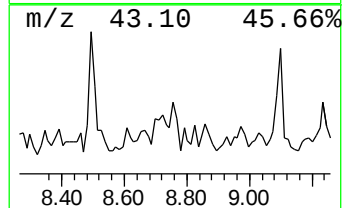
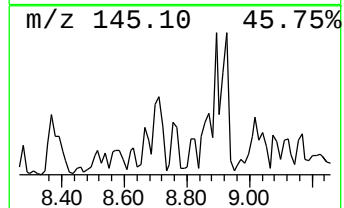
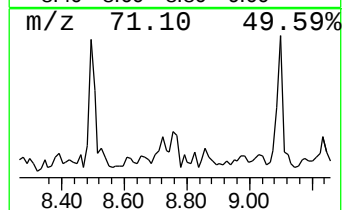
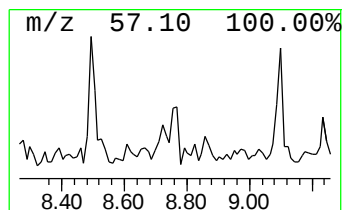
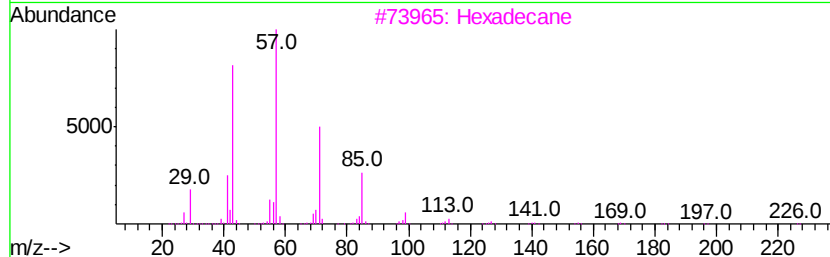
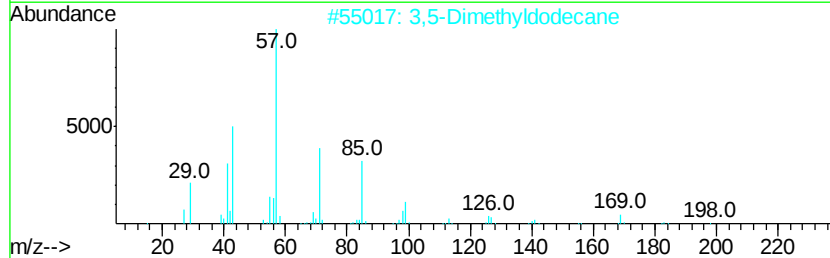
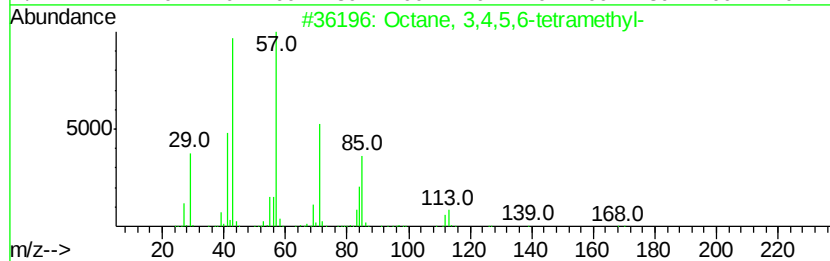
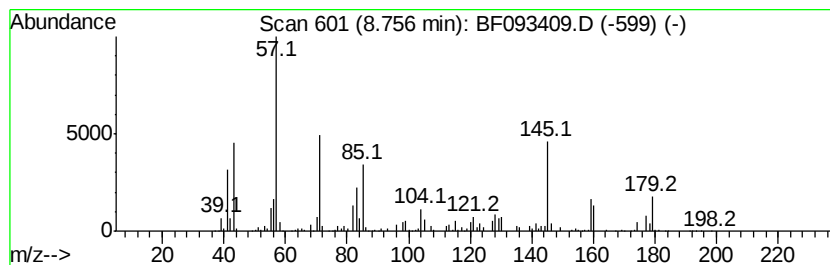
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.76 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	36.56 ng	3972560	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	35
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	27
3		Hexadecane	226	C16H34	000544-76-3	27
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	25
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	25



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Instrument :
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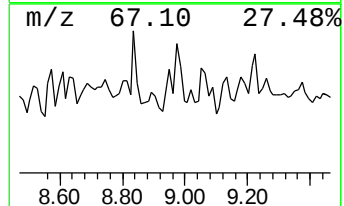
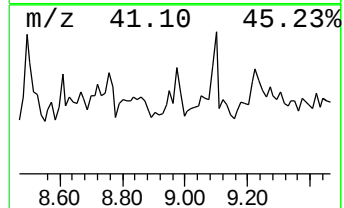
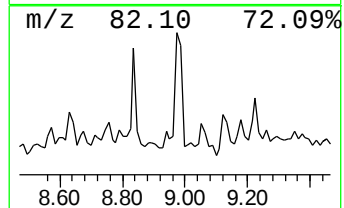
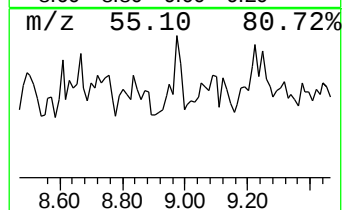
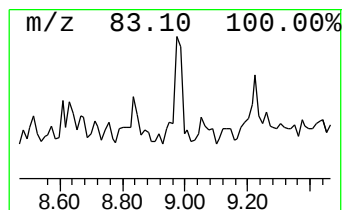
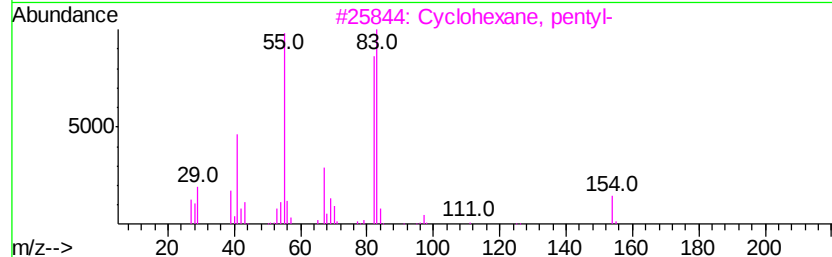
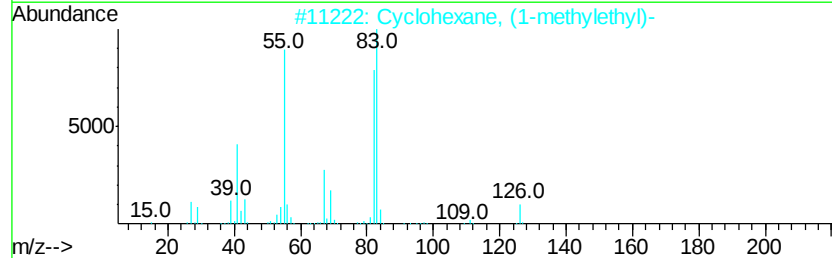
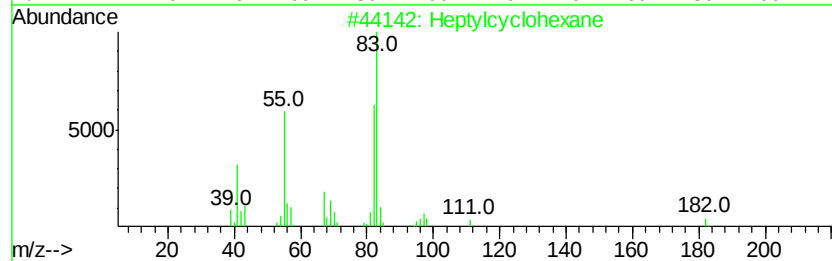
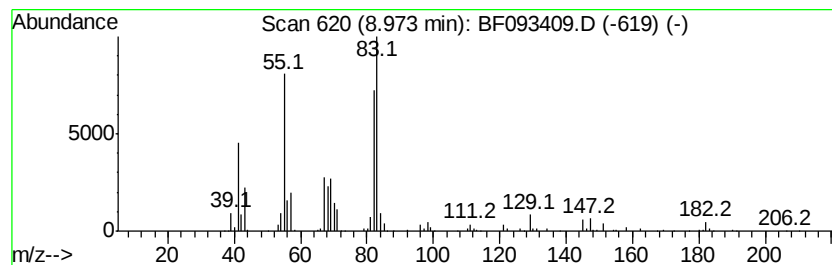
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptylcyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	39.37 ng	2068130	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	76
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093409.D
Acq On : 6 Mar 2017 19:08
Operator : SJ/MA
Sample : I2057-20 2X
Misc :
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Instrument :
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ClientSampled :
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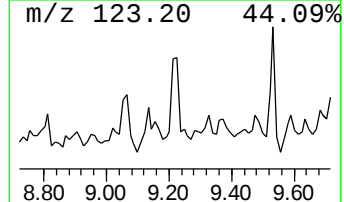
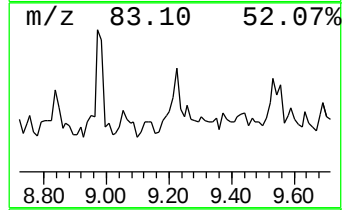
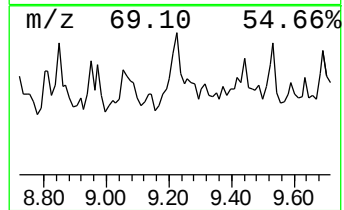
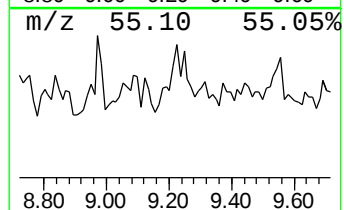
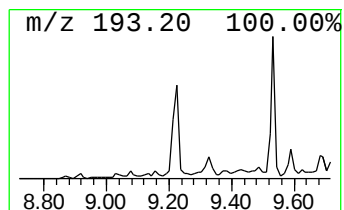
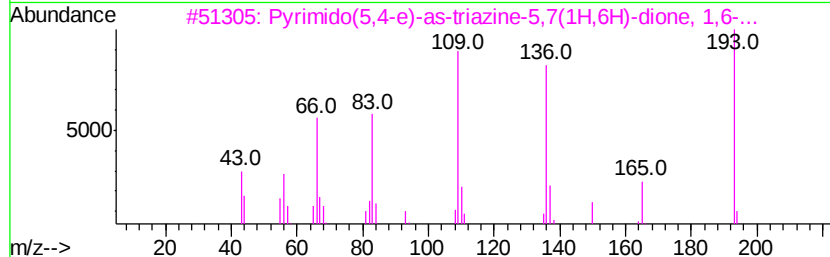
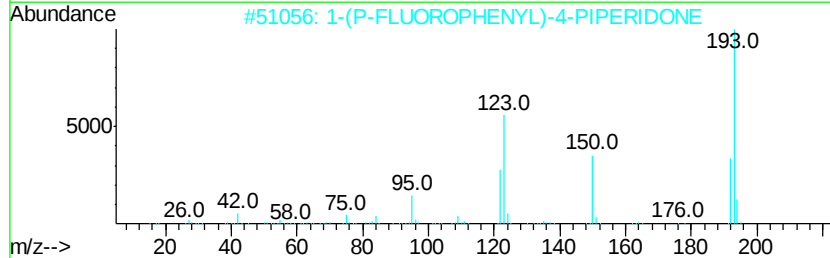
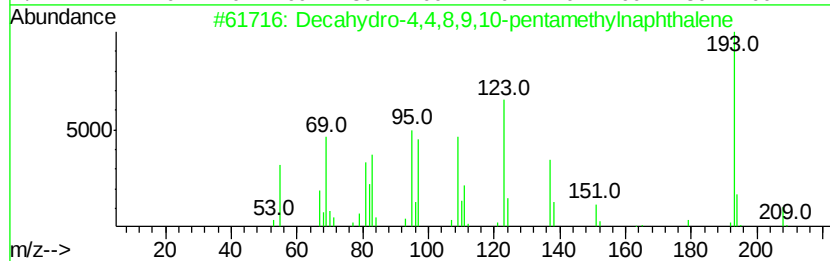
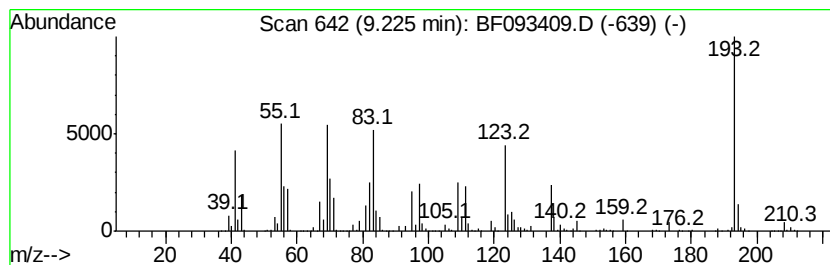
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	87.98 ng	4622020	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
3		Pvrimido(5,4-e)-as-triazine-5,7(...	193	C7H7N5O2	000084-82-2	38
4		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	16
5		Cyclohexane, 1,1'-(1-ethyl-1,2-e...	222	C16H30	054890-01-6	14



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093409.D
Acq On : 6 Mar 2017 19:08
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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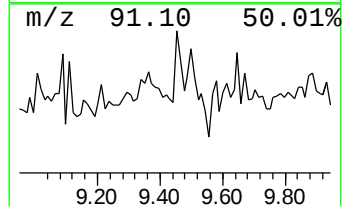
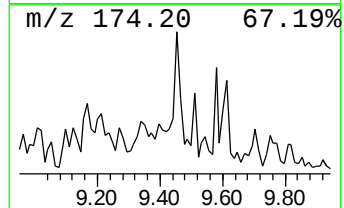
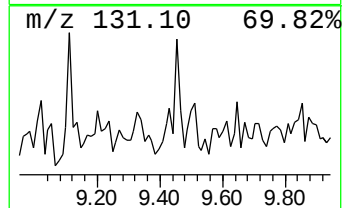
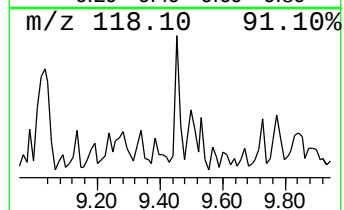
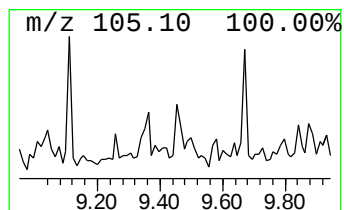
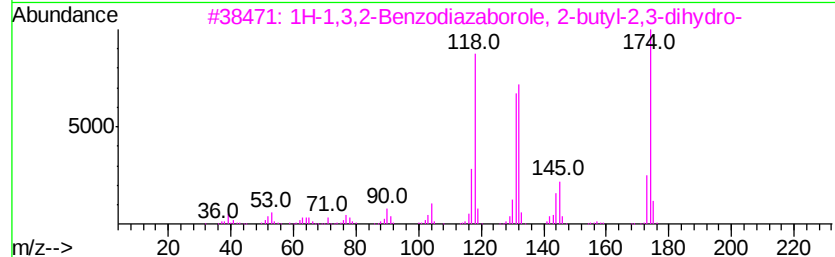
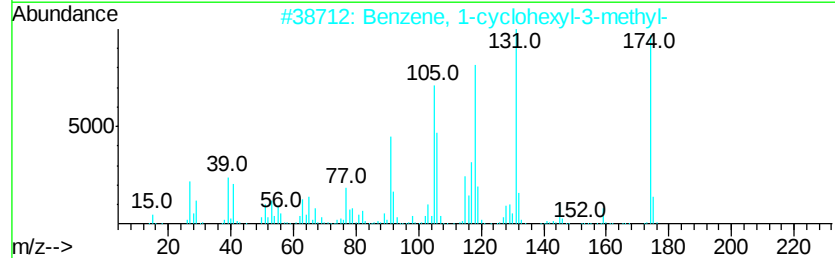
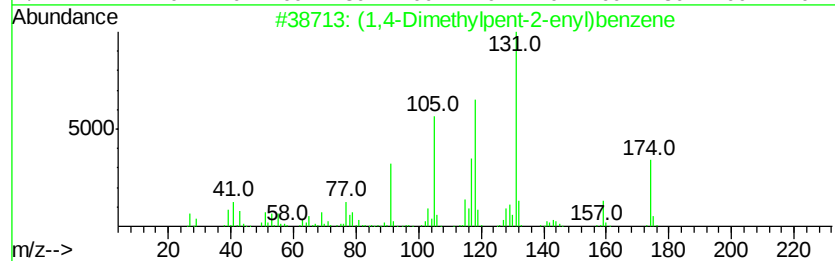
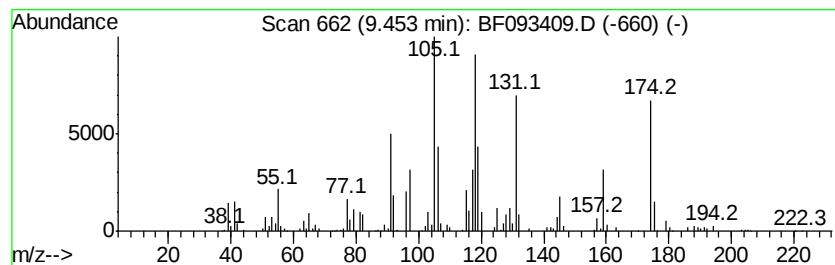
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.45 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	28.82 ng	1513900	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	49
2		Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	45
3		1H-1,3,2-Benzodiazaborole, 2-but...	174	C10H15BN2	031748-14-8	43
4		2-Naphthalenol, 3-methoxy-	174	C11H10O2	018515-11-2	35
5		1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	27



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093409.D
Acq On : 6 Mar 2017 19:08
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Sample : I2057-20 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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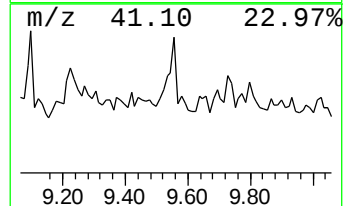
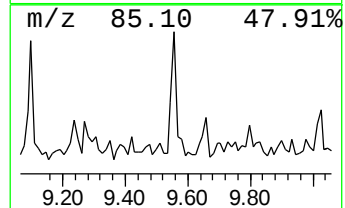
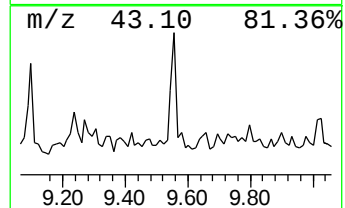
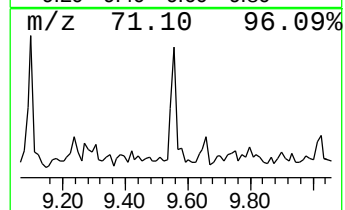
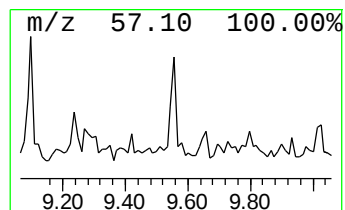
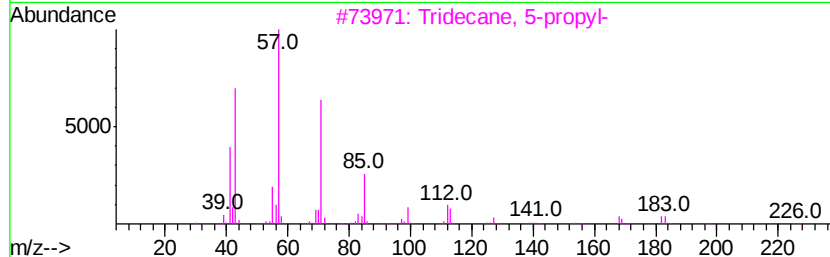
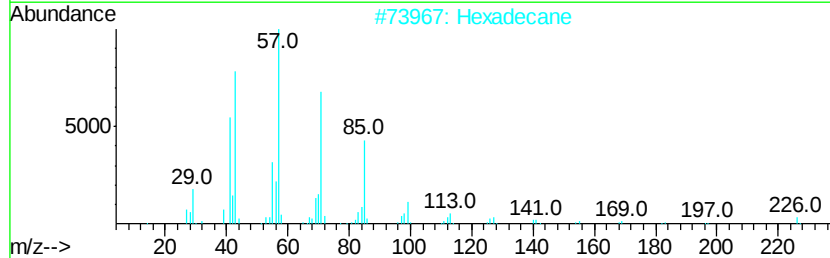
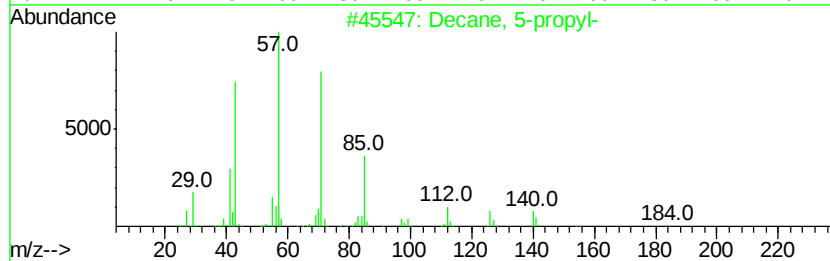
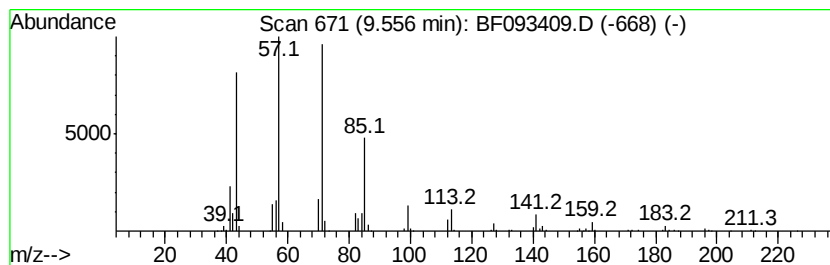
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	75.79 ng	3981570	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	83
2		Hexadecane	226	C16H34	000544-76-3	78
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
4		Tetradecane	198	C14H30	000629-59-4	70
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093409.D
Acq On : 6 Mar 2017 19:08
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Sample : I2057-20 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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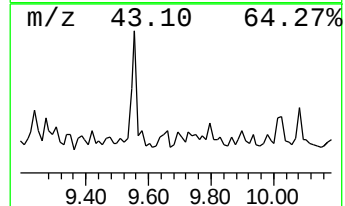
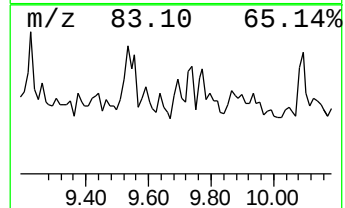
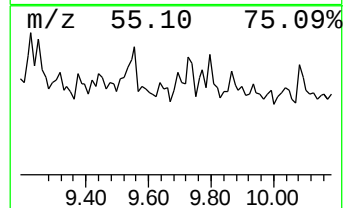
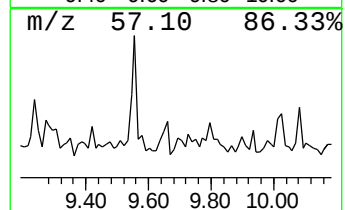
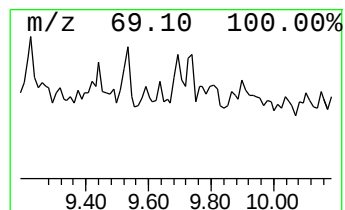
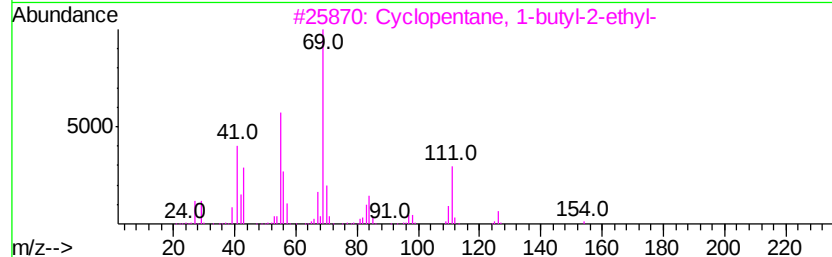
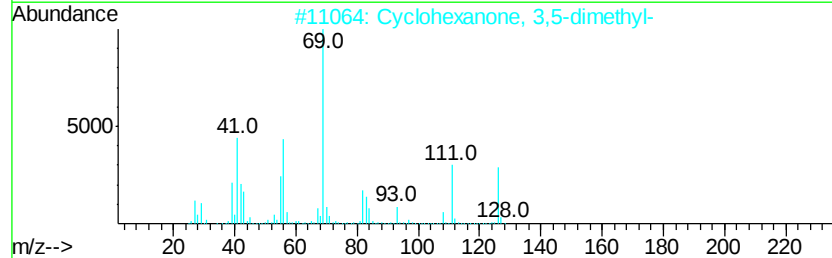
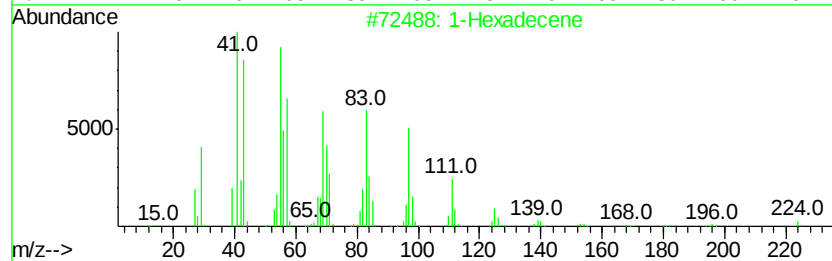
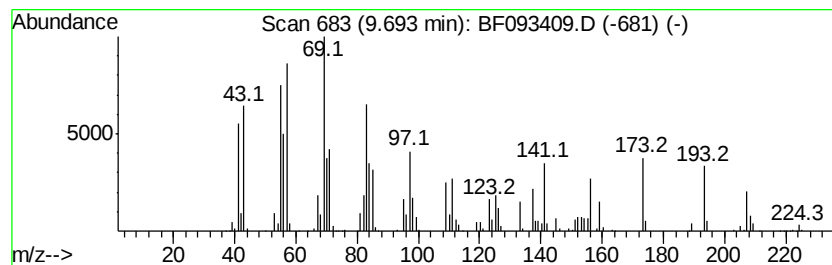
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.69 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	38.85 ng	2041200	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecene	224	C16H32	000629-73-2	44
2		Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	25
3		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	25
4		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	18
5		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	18



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093409.D
Acq On : 6 Mar 2017 19:08
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ClientSampleId :
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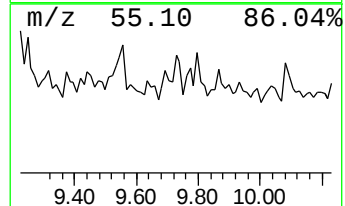
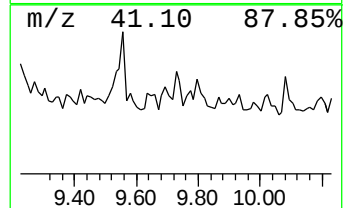
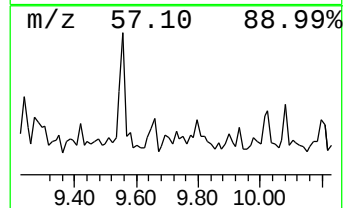
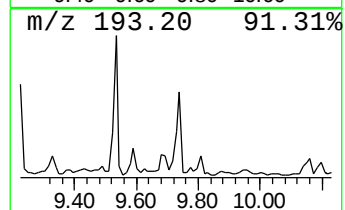
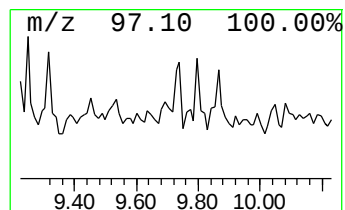
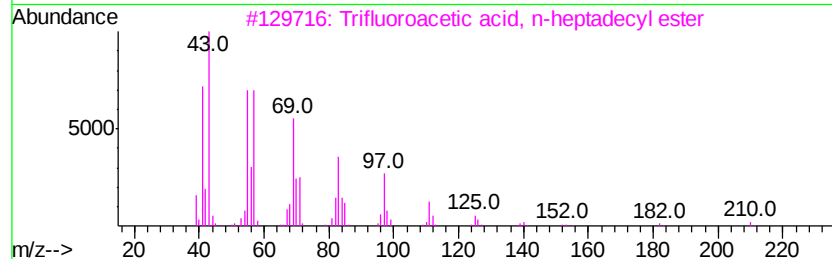
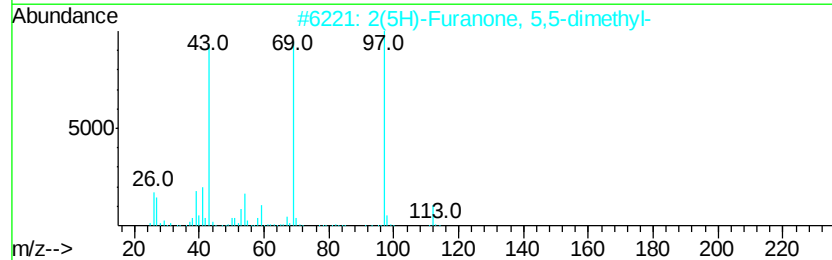
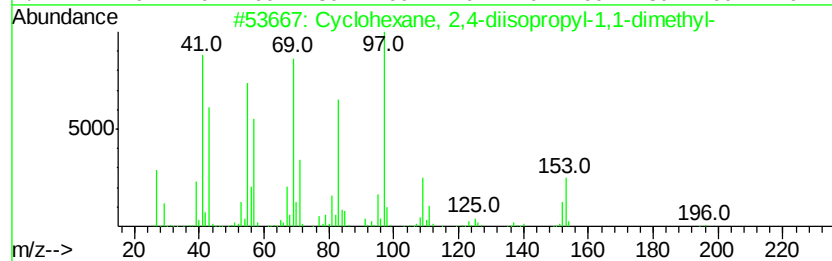
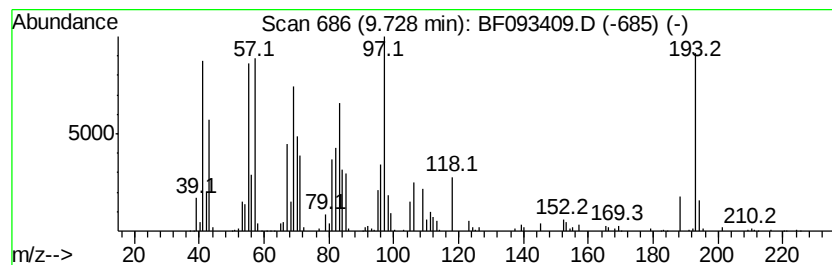
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.73 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	41.94 ng	2203290	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	43
2		2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	38
3		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	30
4		Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-96-0	30
5		2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	25



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093409.D
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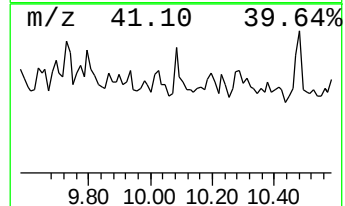
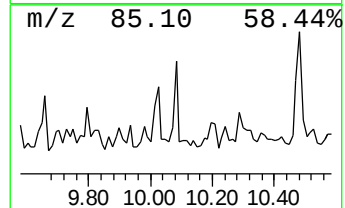
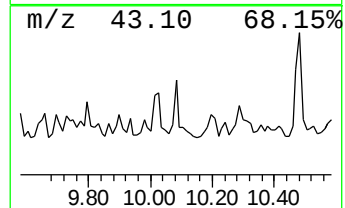
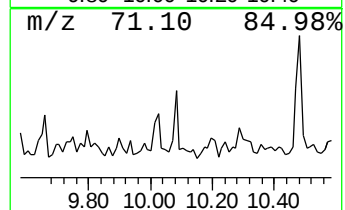
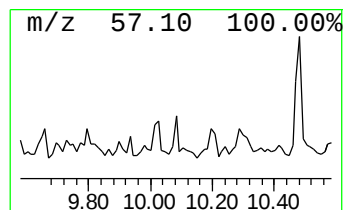
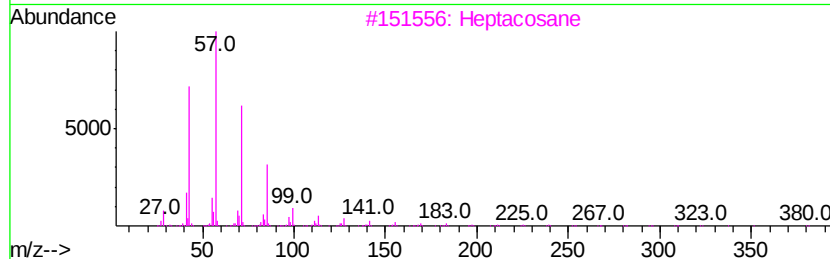
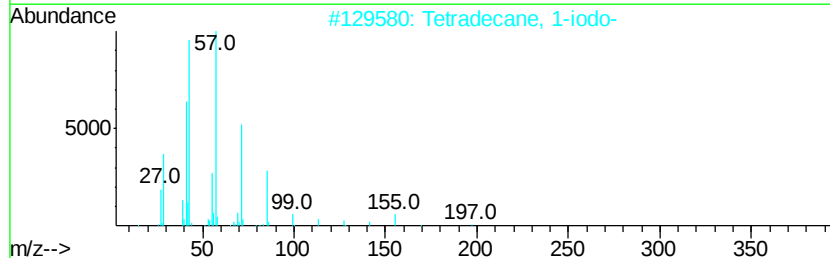
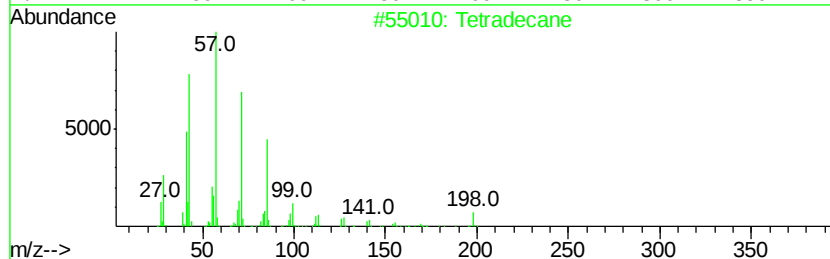
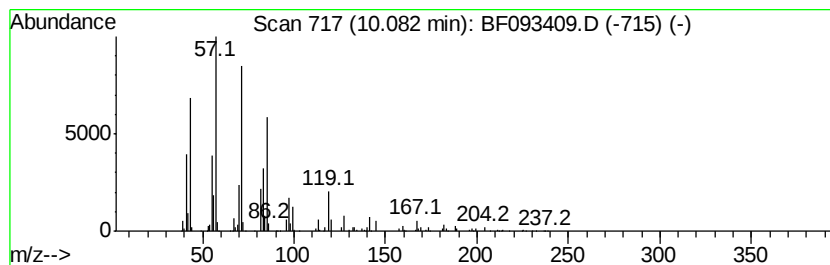
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	51.28 ng	2693950	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 52
2		Tetradecane, 1-iodo-	324 C14H29I	019218-94-1 47
3		Heptacosane	380 C27H56	000593-49-7 47
4		10-Methylnonadecane	282 C20H42	056862-62-5 43
5		Nonadecane	268 C19H40	000629-92-5 43



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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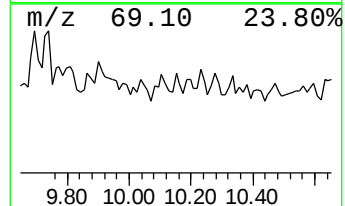
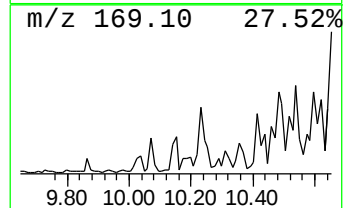
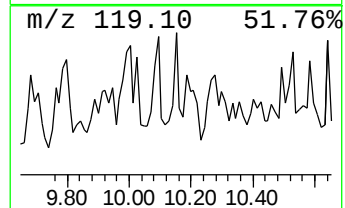
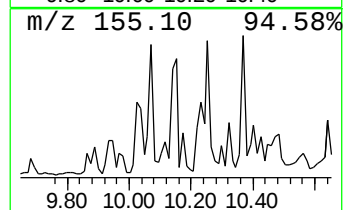
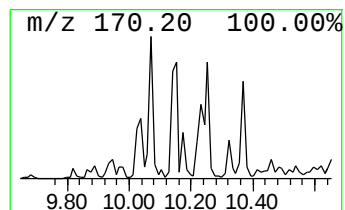
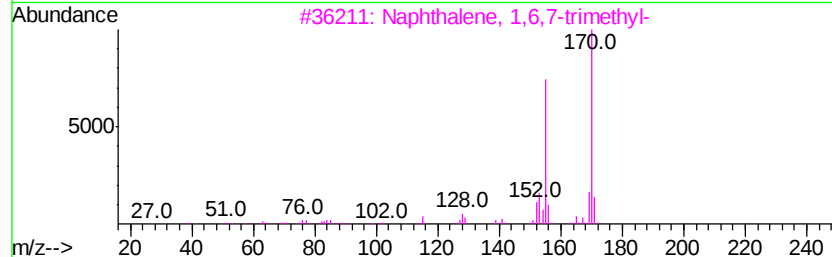
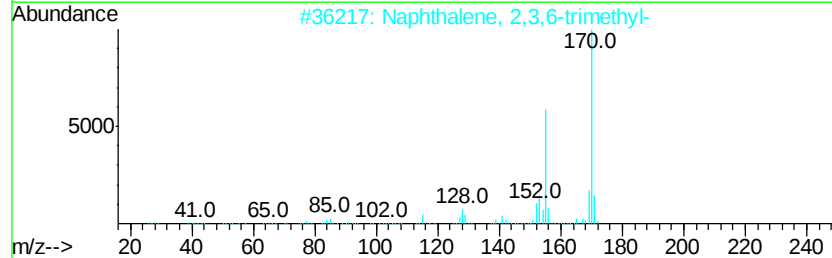
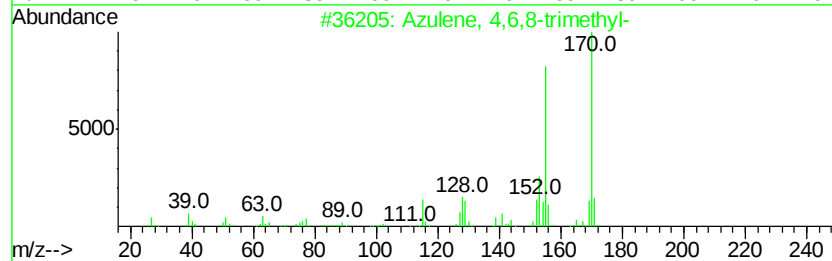
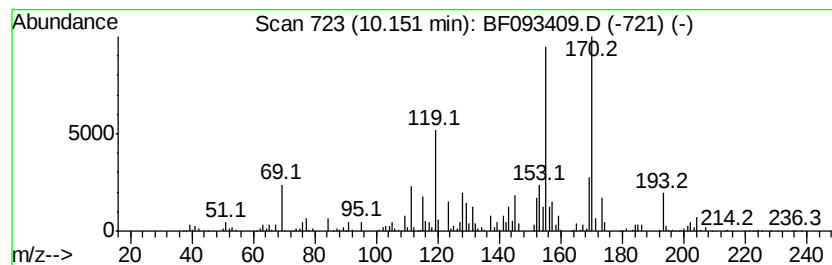
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Azulene, 4,6,8-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	39.98 ng	2100340	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	92
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093409.D
Acq On : 6 Mar 2017 19:08
Operator : SJ/MA
Sample : I2057-20 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18B-23

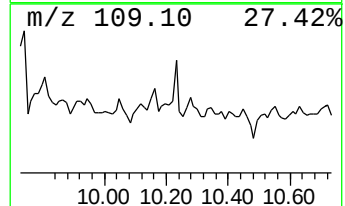
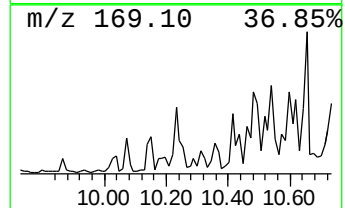
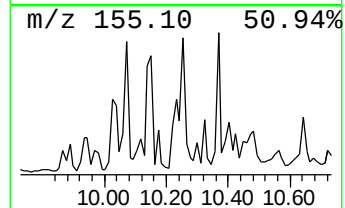
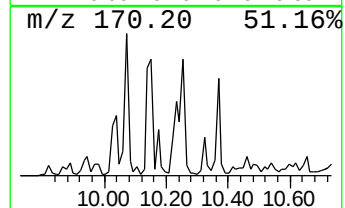
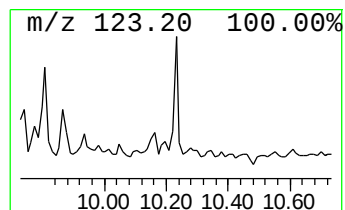
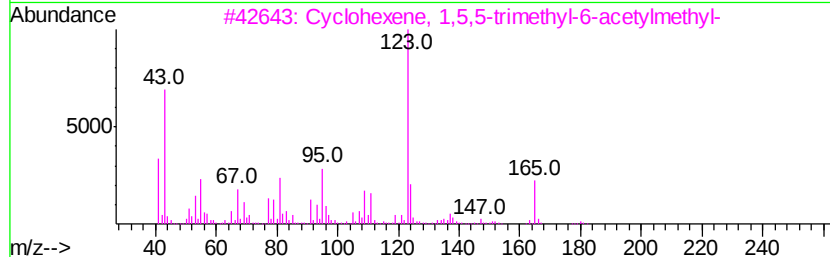
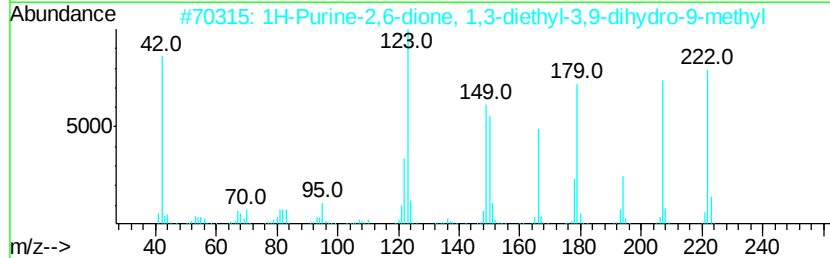
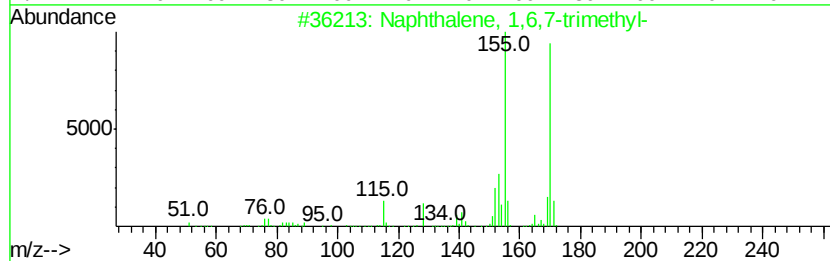
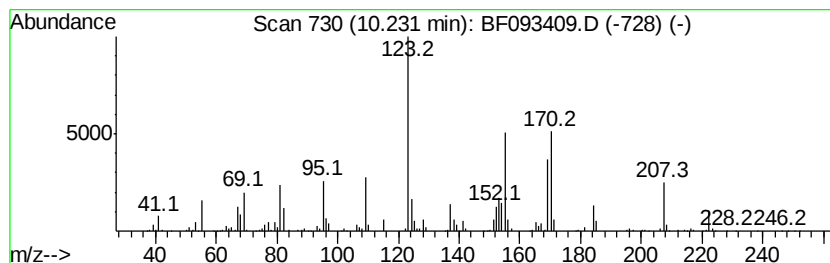
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.23 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	30.35 ng	1594450	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	35
2		1H-Purine-2,6-dione, 1,3-diethyl...	222	C10H14N4O2	054965-57-0	27
3		Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	27
4		3-Fluorobenzoic acid, 3-chloropr...	214	C10H8ClF02	1000292-61-0	22
5		3-Fluorobenzoic acid, 6-ethyl-3-...	280	C17H25F02	1000279-01-9	22



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093409.D
Acq On : 6 Mar 2017 19:08
Operator : SJ/MA
Sample : I2057-20 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

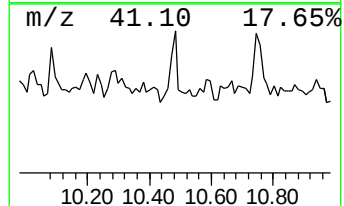
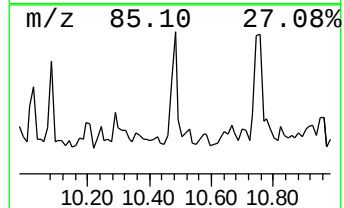
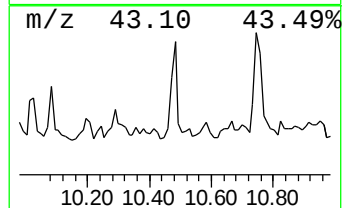
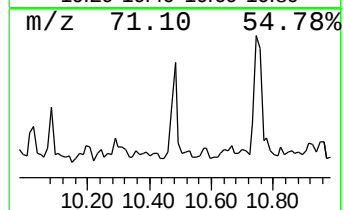
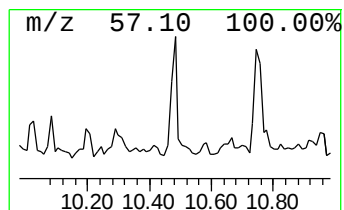
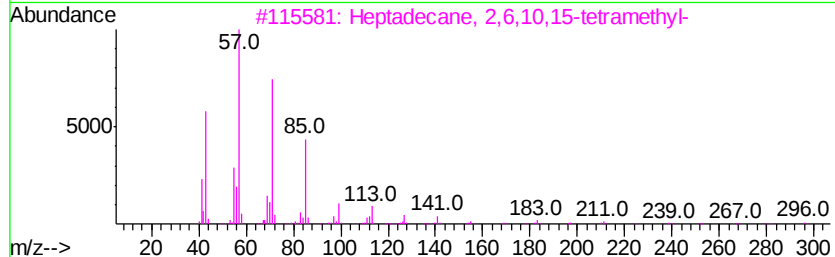
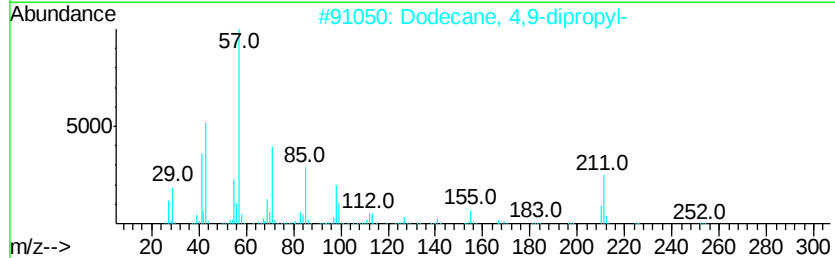
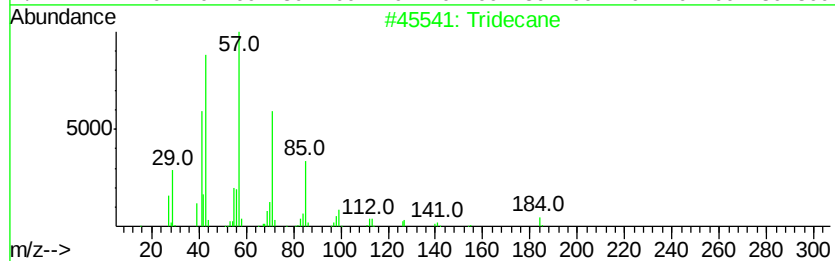
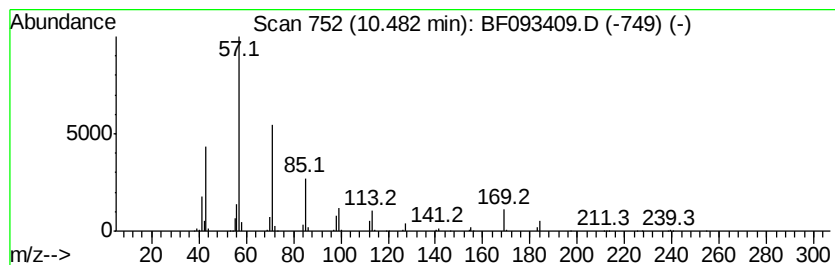
Instrument :
BNA_F
ClientSampleId :
18B-23

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

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

Peak Number 20 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	62.62 ng	3289880	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	80
2	Dodecane, 4,9-dipropyl-	254 C18H38	003054-63-5	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	64
4	Tetratriacontane	479 C34H70	014167-59-0	59
5	Heneicosane	296 C21H44	000629-94-7	59



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030617\
 Data File : BF093409.D
 Acq On : 6 Mar 2017 19:08
 Operator : SJ/MA
 Sample : I2057-20 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18B-23

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.50	7.50	50.7	ng	5513340	2	8.07	2173080	20.0
Decane, 3,7-dimet...	7.57	49.5	ng	5374540	2	8.07	2173080	20.0
Naphthalene, deca...	7.70	49.9	ng	5423320	2	8.07	2173080	20.0
unknown7.94	7.94	31.8	ng	3456300	2	8.07	2173080	20.0
Undecane, 2,6-dim...	8.14	38.1	ng	4136800	2	8.07	2173080	20.0
Cyclohexane, 2-bu...	8.28	27.8	ng	3017500	2	8.07	2173080	20.0
unknown8.36	8.36	29.5	ng	3207350	2	8.07	2173080	20.0
Octane, 2,3,6-tri...	8.49	80.2	ng	8710660	2	8.07	2173080	20.0
unknown8.76	8.76	36.6	ng	3972560	2	8.07	2173080	20.0
Heptylcyclohexane	8.97	39.4	ng	2068130	3	9.83	1050700	20.0
unknown9.22	9.22	88.0	ng	4622020	3	9.83	1050700	20.0
unknown9.45	9.45	28.8	ng	1513900	3	9.83	1050700	20.0
Decane, 5-propyl-	9.56	75.8	ng	3981570	3	9.83	1050700	20.0
unknown9.69	9.69	38.9	ng	2041200	3	9.83	1050700	20.0
unknown9.73	9.73	41.9	ng	2203290	3	9.83	1050700	20.0
Tetradecane	10.08	51.3	ng	2693950	3	9.83	1050700	20.0
Azulene, 4,6,8-tr...	10.15	40.0	ng	2100340	3	9.83	1050700	20.0
unknown10.23	10.23	30.4	ng	1594450	3	9.83	1050700	20.0
Tridecane	10.48	62.6	ng	3289880	3	9.83	1050700	20.0