

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090622.D
 Acq On : 17 Oct 2016 21:57
 Operator : UM/SJ
 Sample : H5192-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

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-BF101316.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.023	230	235	239	rVB2	254688	562342	4.70%	0.183%
2	5.091	239	241	244	rBV	1091210	1320755	11.03%	0.429%
3	5.297	257	259	261	rBV	347231	510391	4.26%	0.166%
4	5.514	275	278	280	rBV	3750863	3535079	29.52%	1.147%
5	5.754	297	299	303	rVB2	395658	591337	4.94%	0.192%
6	5.926	311	314	316	rVB2	648896	960380	8.02%	0.312%
7	5.971	316	318	322	rBV3	396650	894766	7.47%	0.290%
8	6.063	323	326	328	rVB3	911119	1379649	11.52%	0.448%
9	6.109	328	330	332	rBV	505353	748013	6.25%	0.243%
10	6.154	332	334	337	rVB	2396559	2723248	22.74%	0.884%
11	6.212	337	339	340	rBV	1036954	893980	7.47%	0.290%
12	6.349	348	351	353	rBV2	1369163	2146583	17.93%	0.697%
13	6.406	355	356	357	rVB	739599	507365	4.24%	0.165%
14	6.440	357	359	363	rVB3	1343969	2034975	16.99%	0.661%
15	6.543	365	368	370	rBV	3512685	3998231	33.39%	1.298%
16	6.680	375	380	384	rBV2	4440946	7980256	66.64%	2.590%
17	6.772	384	388	389	rBV2	850828	1671456	13.96%	0.543%
18	6.874	392	397	398	rBV3	758520	2294666	19.16%	0.745%
19	6.909	398	400	401	rBV2	1287703	1870132	15.62%	0.607%
20	6.932	401	402	404	rVB	2900103	2068393	17.27%	0.671%
21	6.977	404	406	407	rVB	1411203	1694797	14.15%	0.550%
22	7.034	407	411	412	rBV3	1536391	3025224	25.26%	0.982%
23	7.069	412	414	415	rBV2	4581197	5839828	48.77%	1.896%
24	7.160	418	422	423	rBV2	1516834	2716396	22.68%	0.882%
25	7.194	423	425	426	rVB	1826321	2437266	20.35%	0.791%
26	7.229	426	428	430	rBV3	991711	1732975	14.47%	0.563%
27	7.263	430	431	433	rVB2	651427	513669	4.29%	0.167%
28	7.309	433	435	437	rBV2	2409266	2561140	21.39%	0.831%
29	7.343	437	438	440	rVB2	786399	801684	6.69%	0.260%
30	7.389	440	442	444	rBV3	386980	621248	5.19%	0.202%
31	7.457	444	448	449	rBV	4426003	7971408	66.57%	2.588%
32	7.480	449	450	455	rVB3	2817199	5243743	43.79%	1.702%
33	7.560	455	457	459	rVB2	3080126	4876161	40.72%	1.583%
34	7.629	459	463	465	rBV3	2079668	5718247	47.75%	1.856%

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35	7.697	465	469	470	rBV3	2278178	5343157	44.62%	1.734%
36	7.720	470	471	473	rVB2	2308637	3021352	25.23%	0.981%
37	7.755	473	474	476	rBV2	854324	820704	6.85%	0.266%
38	7.823	476	480	481	rBV3	3578394	6519964	54.45%	2.116%
39	7.880	484	485	487	rVB	1716260	2258649	18.86%	0.733%
40	7.960	491	492	495	rVB3	1581376	2557300	21.36%	0.830%
41	8.029	495	498	500	rBV2	1784188	2496243	20.85%	0.810%
42	8.075	500	502	504	rBV	2490187	3253755	27.17%	1.056%
43	8.109	504	505	506	rVB	1065835	730630	6.10%	0.237%
44	8.166	506	510	511	rBV3	2640736	5216795	43.57%	1.693%
45	8.200	511	513	514	rVV	3047428	4186143	34.96%	1.359%
46	8.269	516	519	525	rVB3	3783344	11974529	100.00%	3.887%
47	8.406	525	531	533	rBV5	2375722	6287730	52.51%	2.041%
48	8.452	533	535	536	rBV2	824366	1270695	10.61%	0.412%
49	8.497	536	539	543	rVB4	2939428	5713212	47.71%	1.855%
50	8.589	545	547	549	rVB	2448444	2642194	22.07%	0.858%
51	8.635	549	551	553	rBV	4416930	6719092	56.11%	2.181%
52	8.715	556	558	559	rBV	2096731	2336465	19.51%	0.758%
53	8.806	564	566	567	rBV2	1755048	2800974	23.39%	0.909%
54	8.863	567	571	573	rVV3	1235216	2833071	23.66%	0.920%
55	8.897	573	574	576	rVB2	3588582	3938458	32.89%	1.278%
56	8.955	578	579	581	rBV2	1153670	1724810	14.40%	0.560%
57	9.012	581	584	585	rBV3	1360324	3169486	26.47%	1.029%
58	9.035	585	586	587	rVB	1589117	1111800	9.28%	0.361%
59	9.115	592	593	595	rVB2	2129239	2788791	23.29%	0.905%
60	9.240	602	604	606	rBV2	4210856	5135597	42.89%	1.667%
61	9.286	606	608	609	rVB	2879599	2596913	21.69%	0.843%
62	9.366	613	615	618	rBV3	2220830	4583754	38.28%	1.488%
63	9.560	630	632	633	rVB2	1386776	1359536	11.35%	0.441%
64	9.629	634	638	641	rVV3	3826935	7380304	61.63%	2.396%
65	9.698	641	644	647	rVV3	4022636	7578676	63.29%	2.460%
66	9.743	647	648	653	rVB4	2466931	4174524	34.86%	1.355%
67	9.835	654	656	658	rVB2	1995928	2627592	21.94%	0.853%
68	9.880	658	660	662	rVB3	2080964	2323690	19.41%	0.754%
69	9.960	664	667	669	rVB3	2417028	4331125	36.17%	1.406%
70	10.006	669	671	672	rBV2	2447212	2697381	22.53%	0.876%
71	10.075	675	677	679	rVB	2551049	3247937	27.12%	1.054%

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72	10.120	679	681	683	rBV3	1209869	2370714	19.80%	0.770%
73	10.166	683	685	687	rVB2	3187531	4364301	36.45%	1.417%
74	10.212	687	689	694	rVB4	2985377	7038168	58.78%	2.285%
75	10.292	694	696	697	rBV	3313019	4071030	34.00%	1.321%
76	10.383	702	704	707	rBV3	2336580	4314497	36.03%	1.400%
77	10.429	707	708	709	rBV	814113	645448	5.39%	0.210%
78	10.509	713	715	716	rBV2	2699271	3636999	30.37%	1.181%
79	10.623	723	725	727	rVB	3926047	5359367	44.76%	1.740%
80	10.669	727	729	732	rVB3	1811714	3066985	25.61%	0.996%
81	10.738	734	735	736	rBV	1412207	1055351	8.81%	0.343%
82	10.886	746	748	752	rVB2	4764866	8545649	71.37%	2.774%
83	10.955	752	754	757	rBV3	1602109	2539017	21.20%	0.824%
84	11.058	761	763	765	rBV3	873772	1007424	8.41%	0.327%
85	11.092	765	766	768	rBV2	1743127	2526091	21.10%	0.820%
86	11.355	786	789	792	rVB	4831113	6642281	55.47%	2.156%
87	11.481	796	800	801	rBV3	1869210	3556746	29.70%	1.155%
88	11.698	817	819	824	rVB2	2613768	3902418	32.59%	1.267%
89	11.778	824	826	832	rVB6	1110169	3375295	28.19%	1.096%
90	11.949	840	841	843	rBV	1001806	1523842	12.73%	0.495%
91	11.983	843	844	846	rVB	1859263	1424165	11.89%	0.462%
92	12.063	849	851	852	rVB	1577479	1276288	10.66%	0.414%
93	12.395	878	880	881	rVV	524549	545372	4.55%	0.177%
94	12.429	881	883	887	rVB	1553119	2051551	17.13%	0.666%
95	12.509	887	890	891	rBV	1063307	1339827	11.19%	0.435%
96	13.035	933	936	940	rVB	2248221	3634370	30.35%	1.180%
97	13.915	1010	1013	1019	rVB	278612	630113	5.26%	0.205%
98	14.087	1025	1028	1032	rBV	998693	1606397	13.42%	0.521%
99	15.550	1153	1156	1161	rVB	665475	1307045	10.92%	0.424%
100	15.870	1182	1184	1190	rVB2	213130	514805	4.30%	0.167%

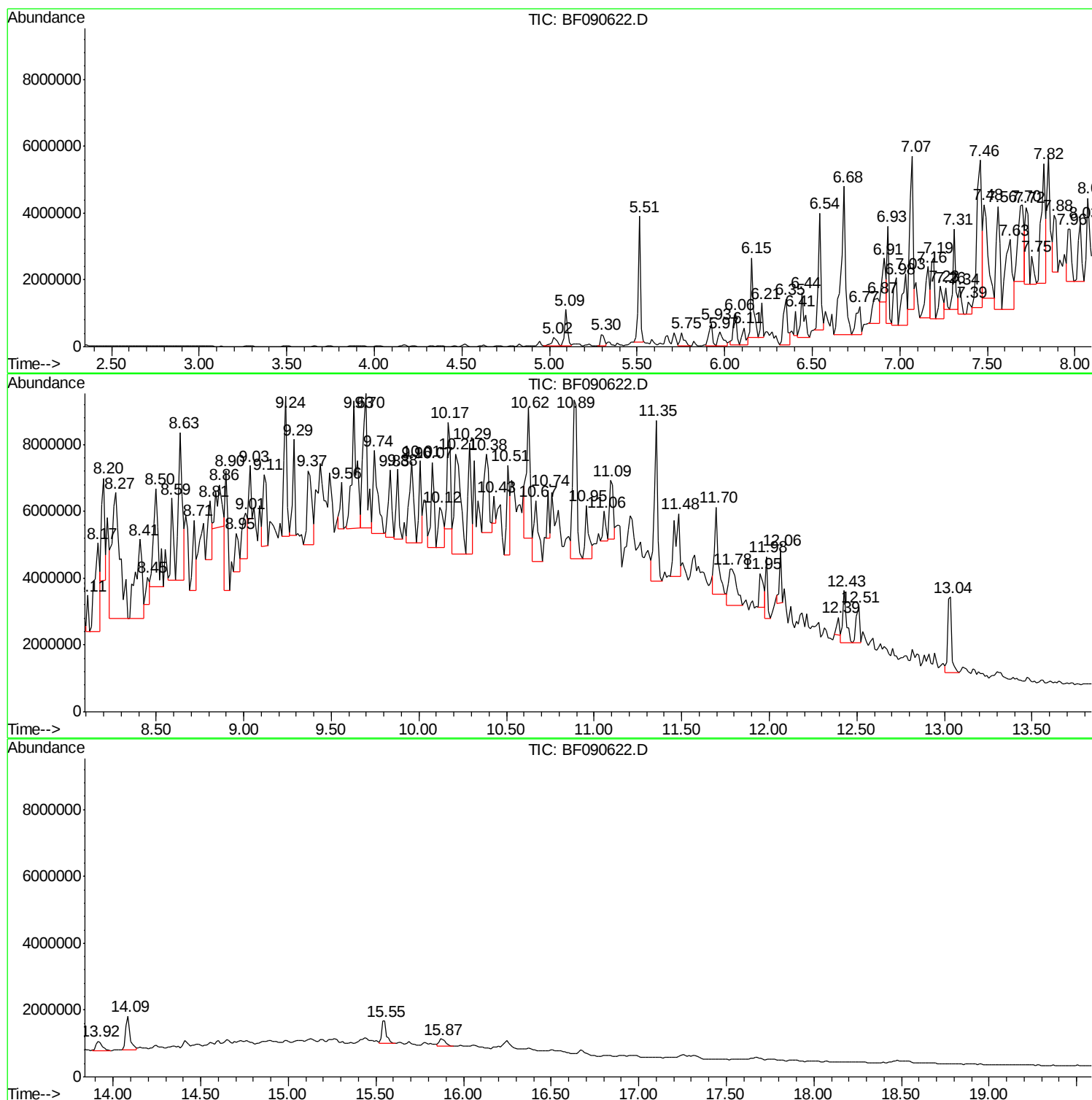
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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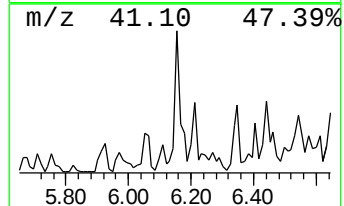
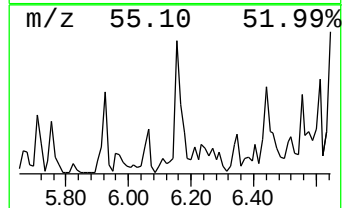
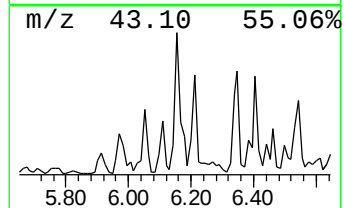
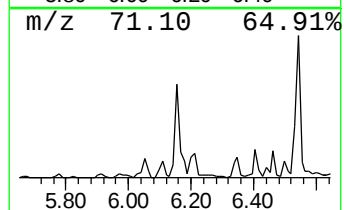
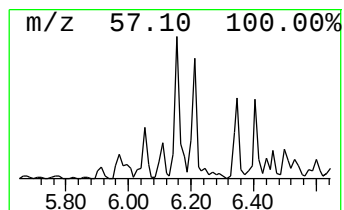
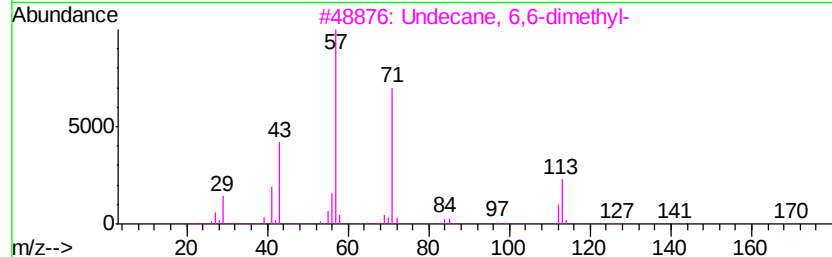
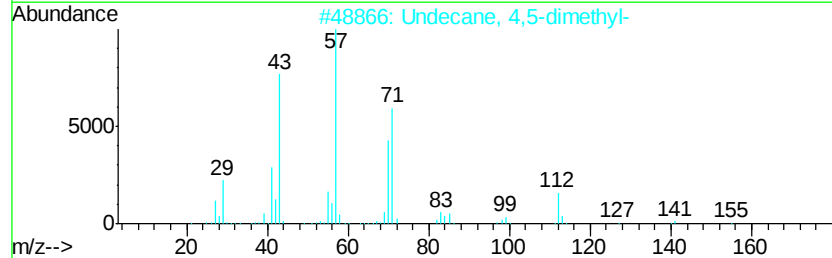
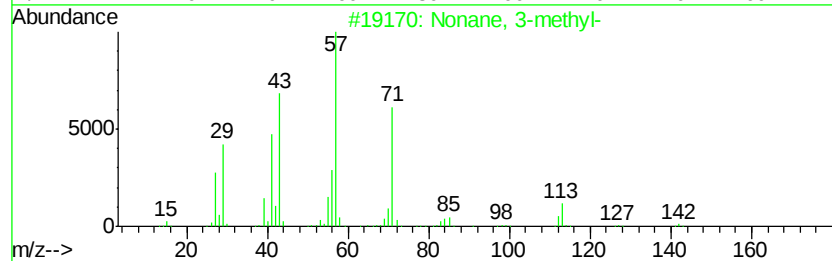
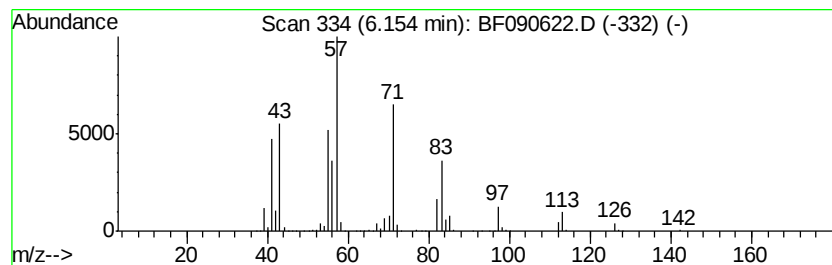
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	29.12 ng	2723250	1,4-Dichlorobenzene-d4	6.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3-methyl-	142 C10H22	005911-04-6	64
2	Undecane, 4,5-dimethyl-	184 C13H28	017312-79-7	50
3	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	50
4	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	47
5	Octane, 2-bromo-	192 C8H17Br	000557-35-7	43



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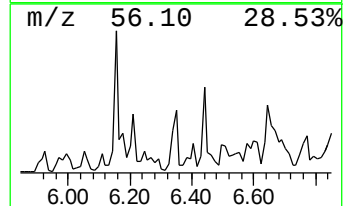
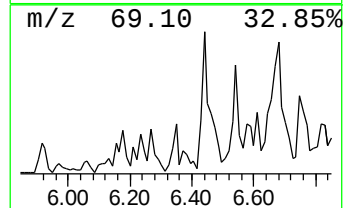
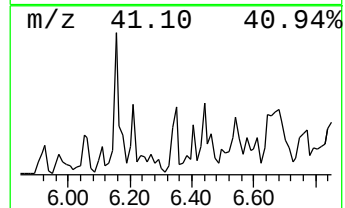
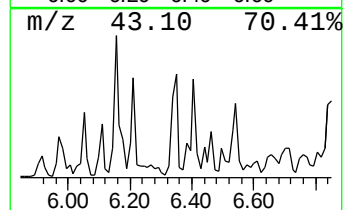
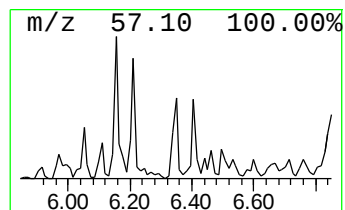
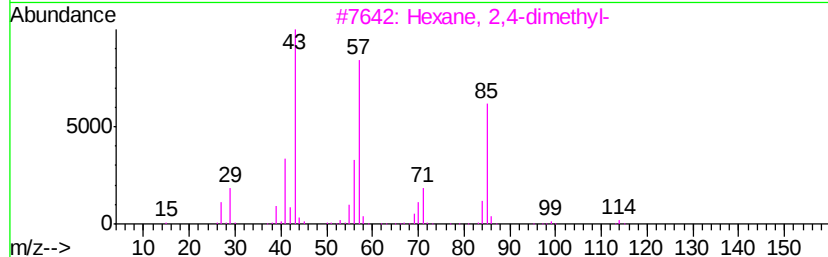
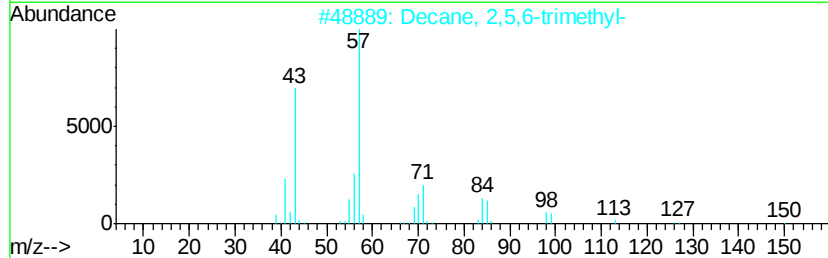
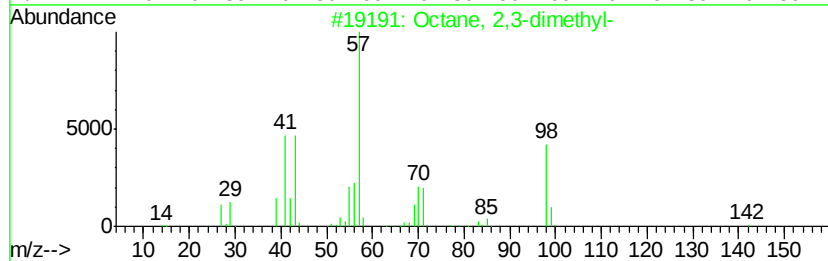
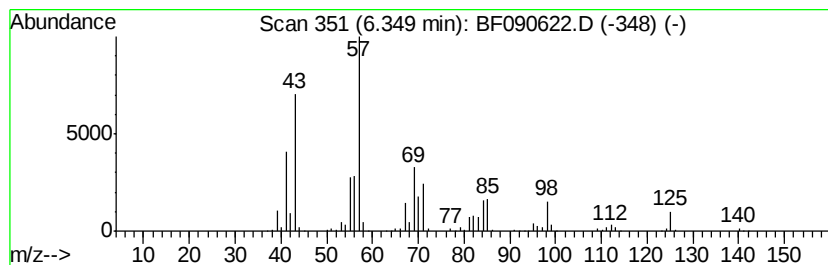
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	22.96 ng	2146580	1,4-Dichlorobenzene-d4	6.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4		Decane, 5-methyl-	156	C11H24	013151-35-4	47
5		Hexyl octyl ether	214	C14H30O	017071-54-4	43



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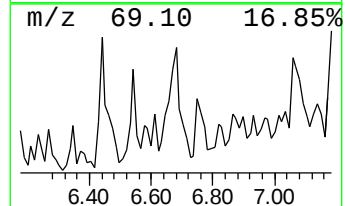
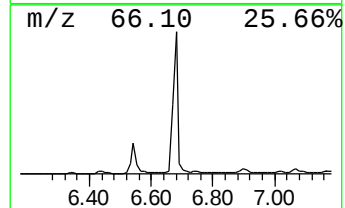
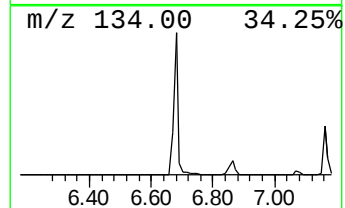
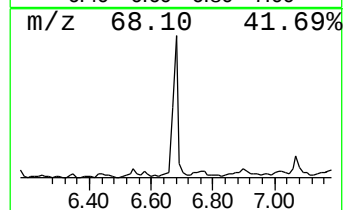
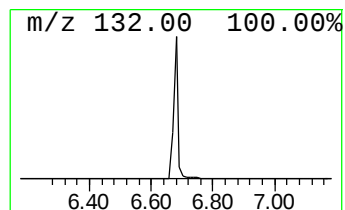
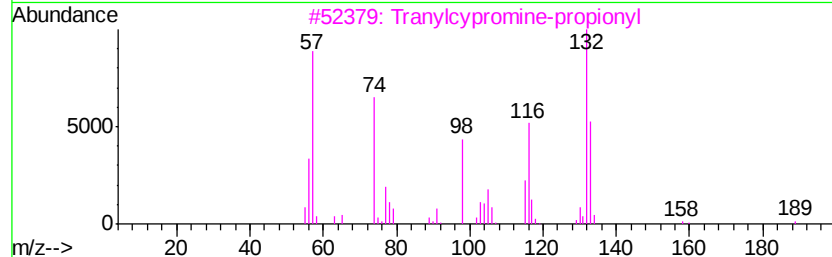
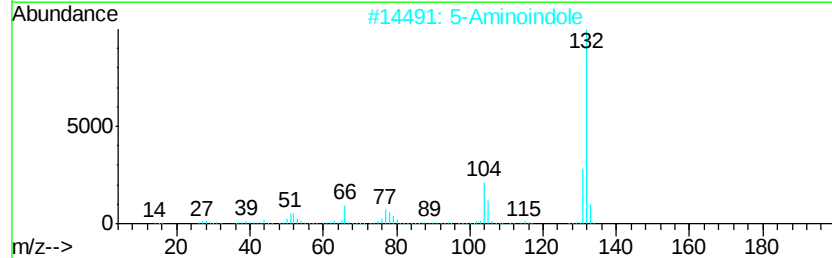
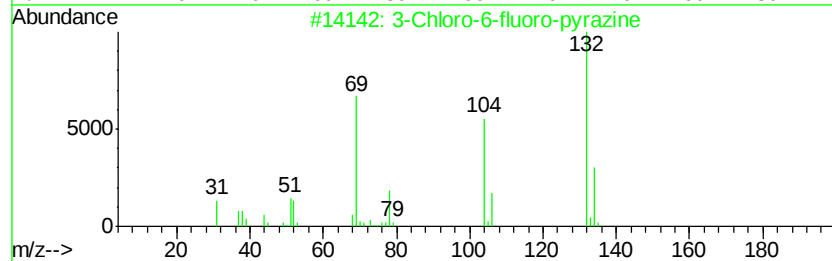
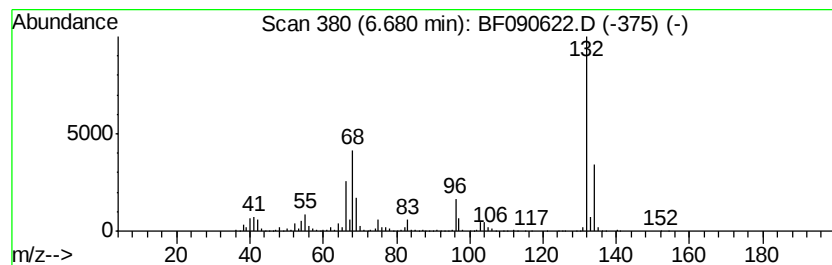
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Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	85.34 ng	7980260	1,4-Dichlorobenzene-d4	6.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
Sample : H5192-02
Misc :
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ClientSampleId :
MJSB-18(11-13)

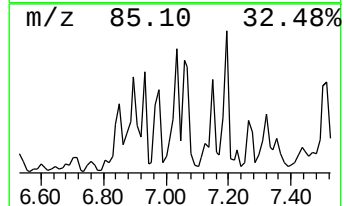
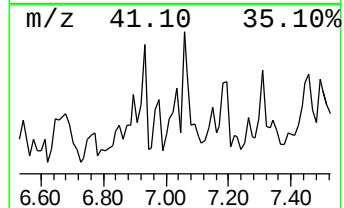
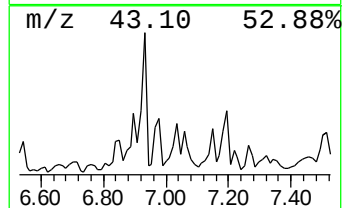
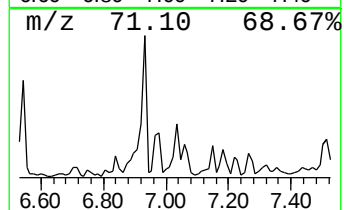
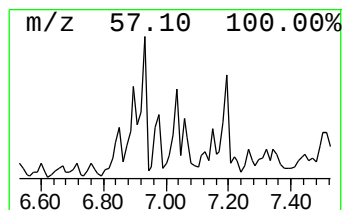
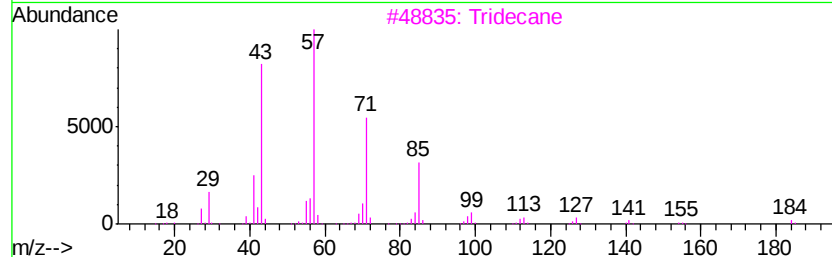
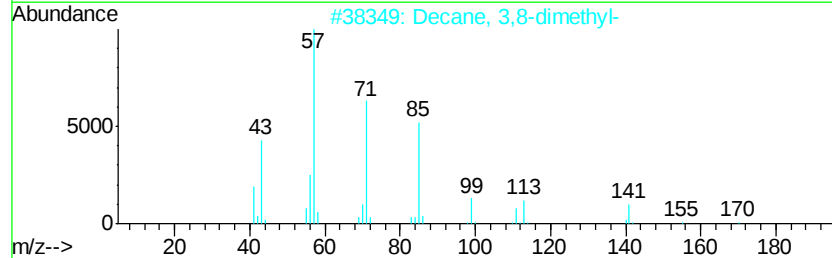
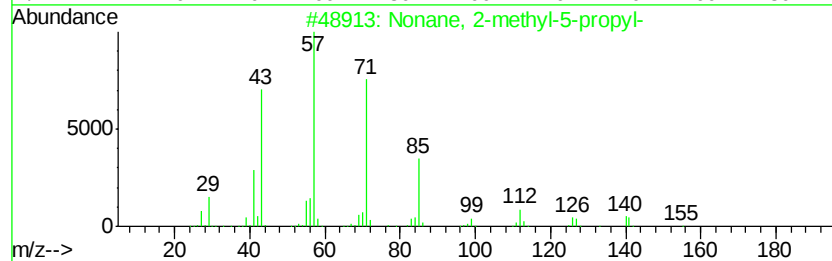
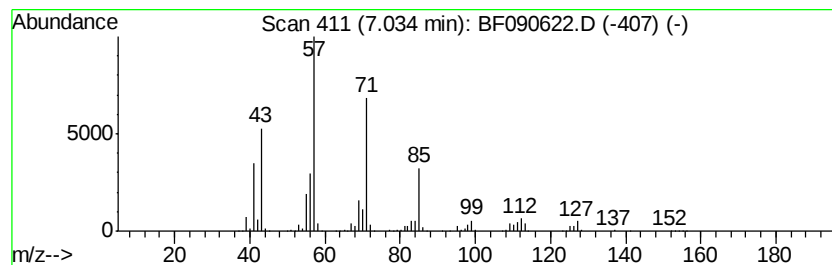
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 2-methyl-5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	32.35 ng	3025220	1,4-Dichlorobenzene-d4	6.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3		Tridecane	184	C13H28	000629-50-5	59
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MJSB-18(11-13)

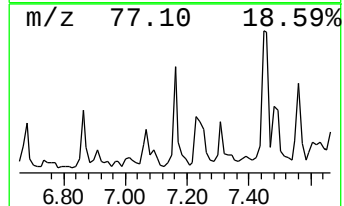
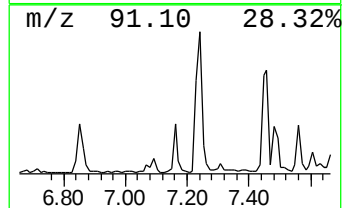
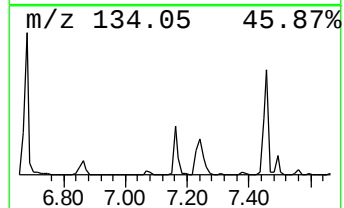
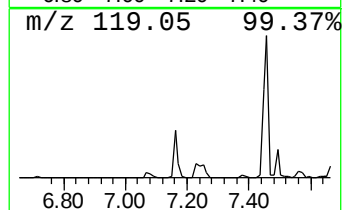
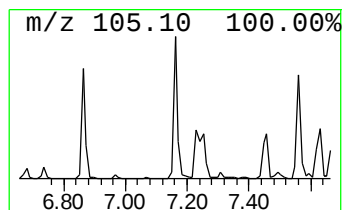
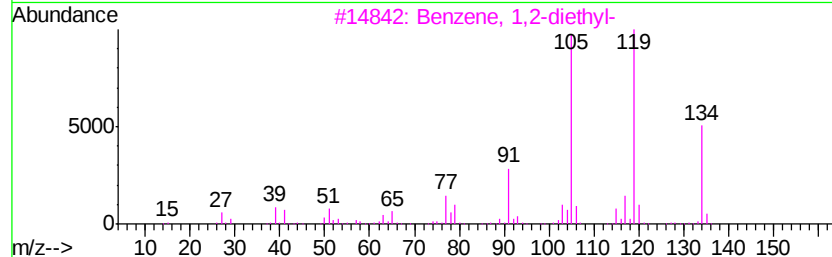
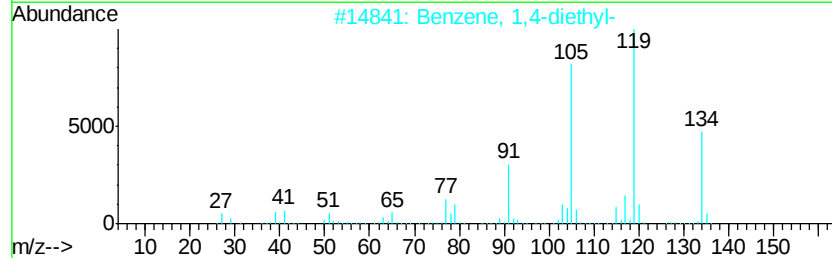
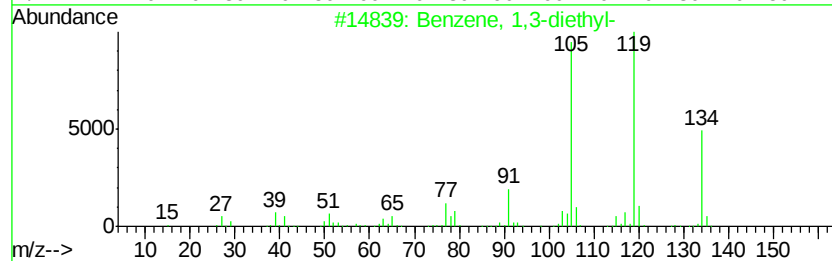
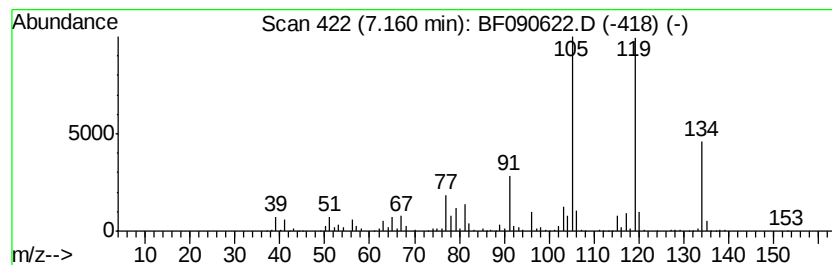
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	29.05 ng	2716400	1,4-Dichlorobenzene-d4	6.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		o-Cymene	134	C10H14	000527-84-4	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
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Instrument :
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ClientSampleId :
MJSB-18(11-13)

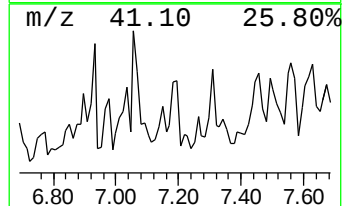
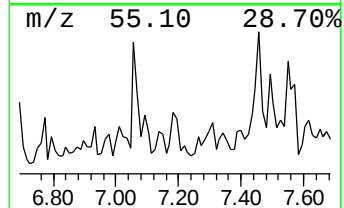
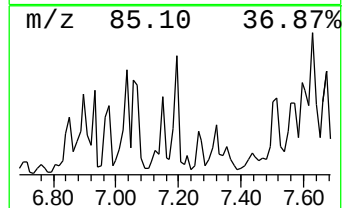
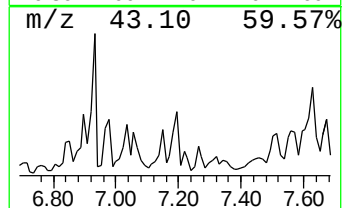
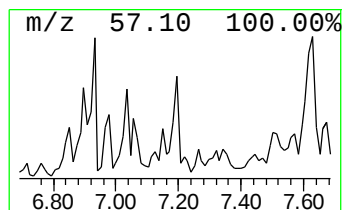
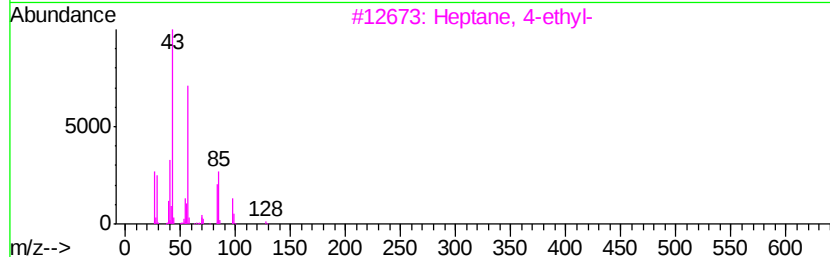
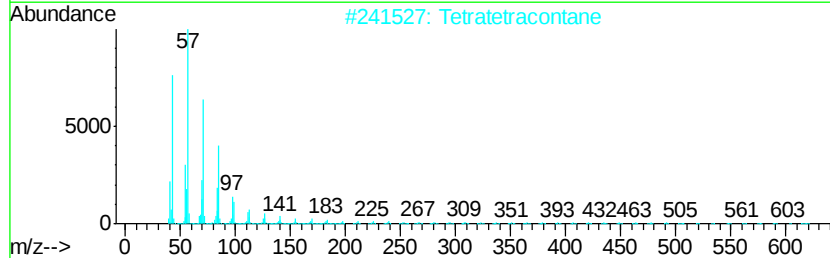
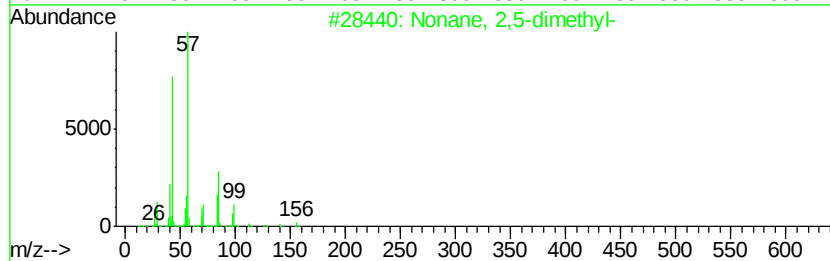
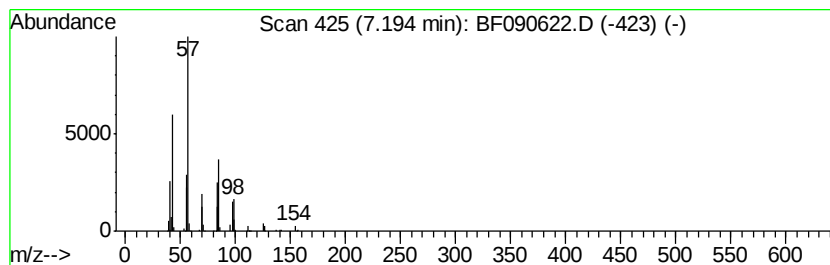
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonane, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	26.07 ng	2437270	1,4-Dichlorobenzene-d4	6.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	58
2		Tetratetracontane	619	C44H90	007098-22-8	53
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	52
4		Ether, heptyl hexyl	200	C13H28O	007289-40-9	47
5		Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
Sample : H5192-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MJSB-18(11-13)

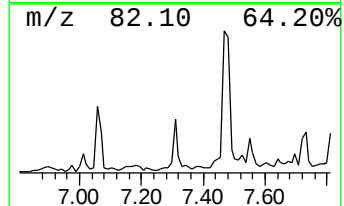
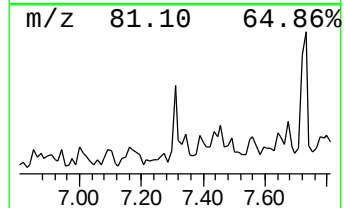
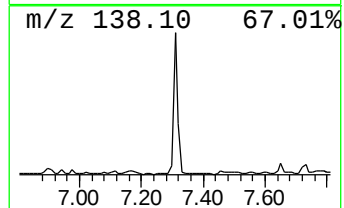
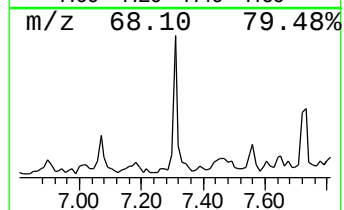
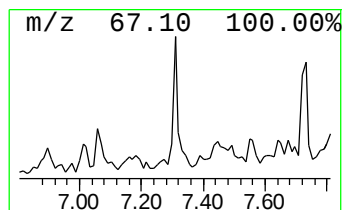
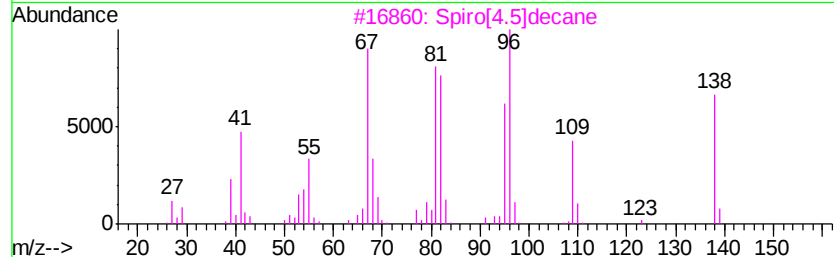
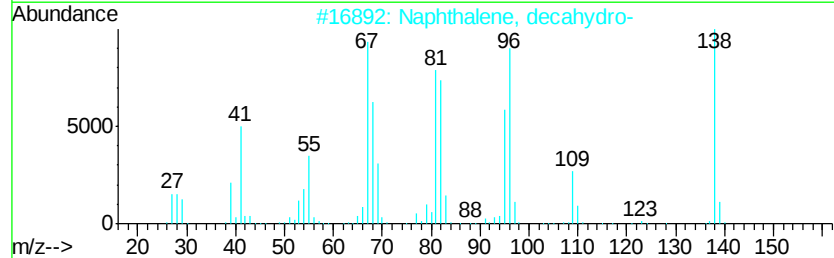
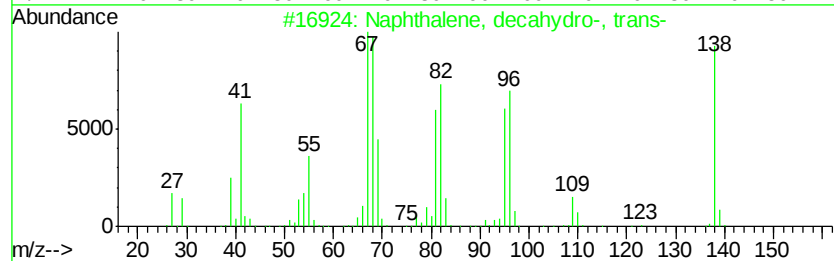
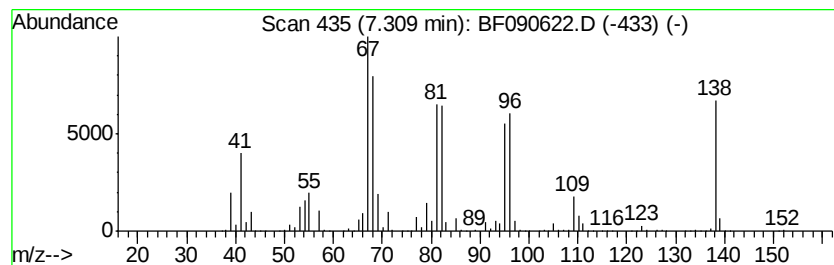
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	27.39 ng	2561140	1,4-Dichlorobenzene-d4	6.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3		Spiro[4.5]decane	138	C10H18	000176-63-6	86
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	80
5		Cyclopentene, 1-(3-methylbutyl)-	138	C10H18	037689-15-9	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
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Instrument :
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ClientSampleId :
MJSB-18(11-13)

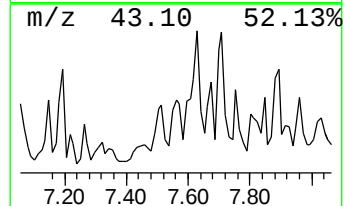
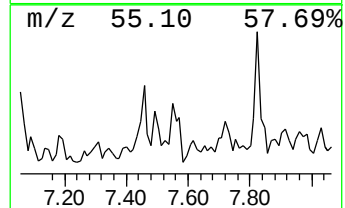
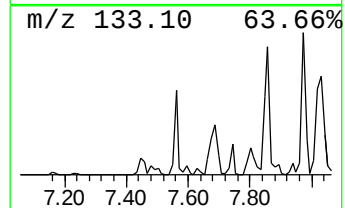
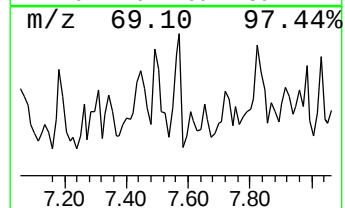
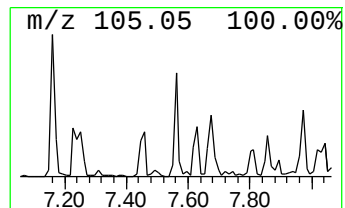
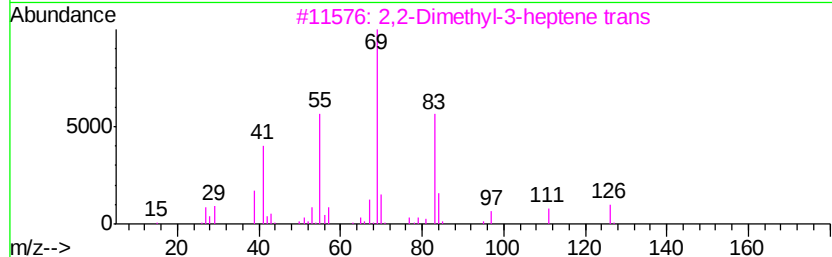
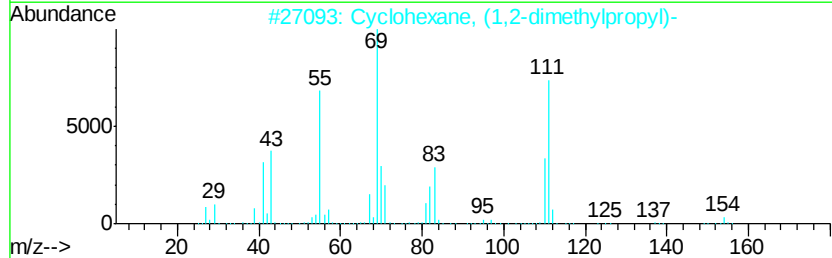
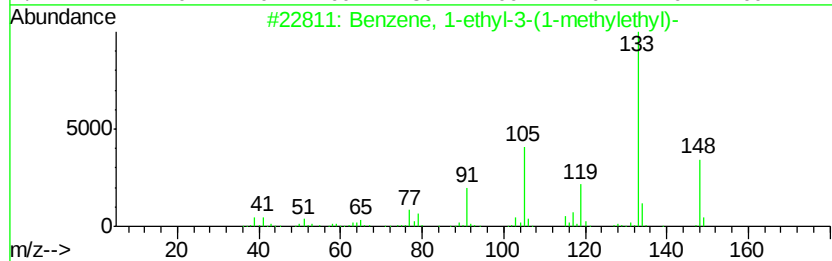
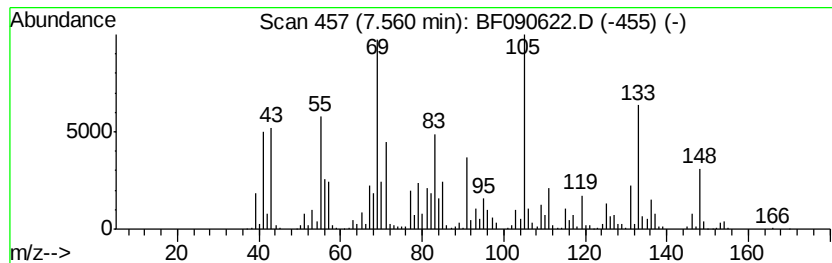
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown7.56 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	23.30 ng	4876160	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	40
2		Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	27
3		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	27
4		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	25
5		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
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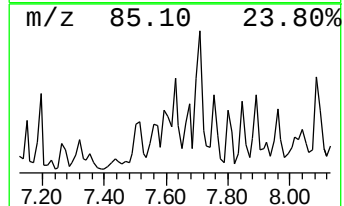
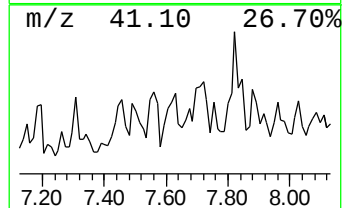
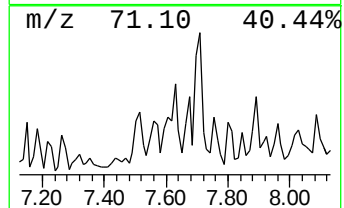
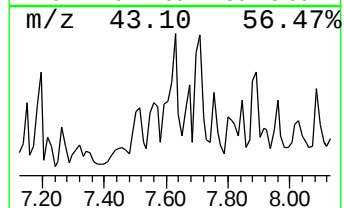
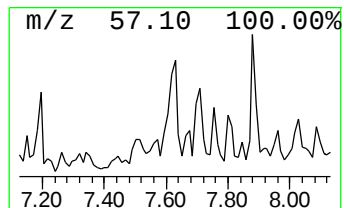
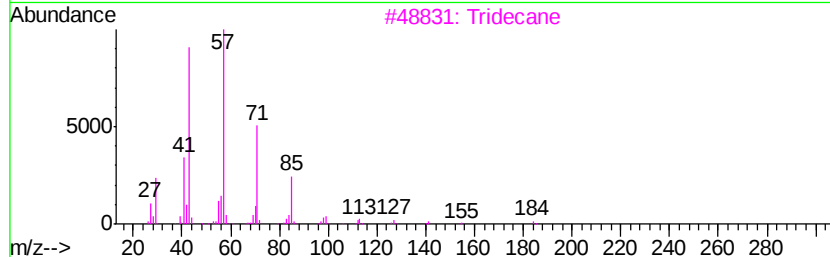
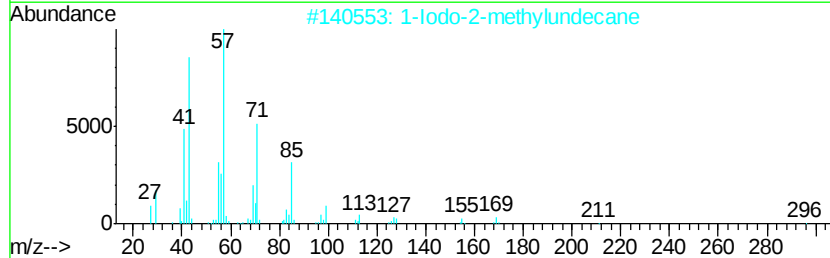
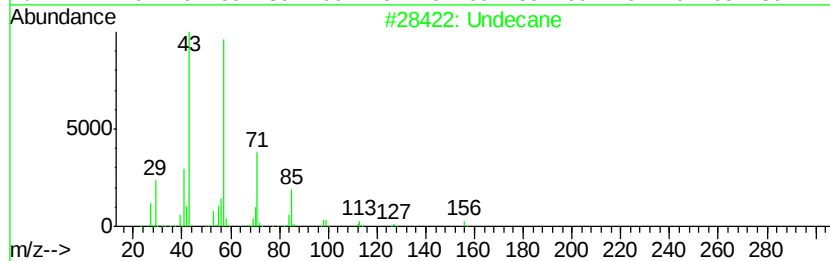
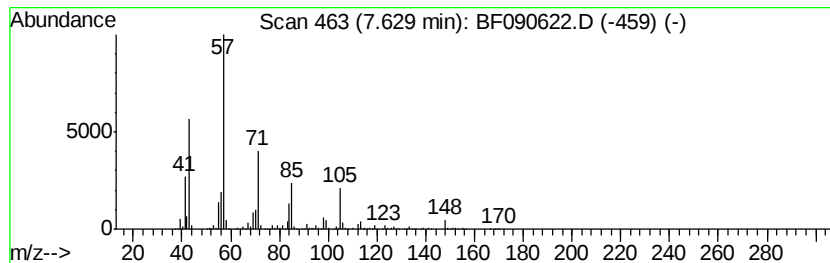
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Undecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	27.32 ng	5718250	Napthalene-d8	8.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane		156 C11H24	001120-21-4 53
2	1-Iodo-2-methylundecane		296 C12H25I	073105-67-6 50
3	Tridecane		184 C13H28	000629-50-5 50
4	Hexadecane		226 C16H34	000544-76-3 50
5	Undecane, 5,7-dimethyl-		184 C13H28	017312-83-3 47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090622.D
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ClientSampleId :
MJSB-18(11-13)

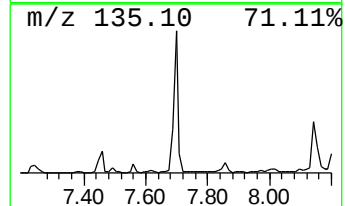
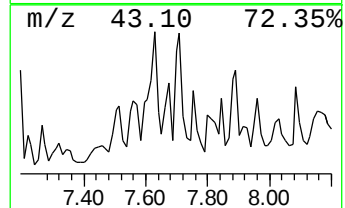
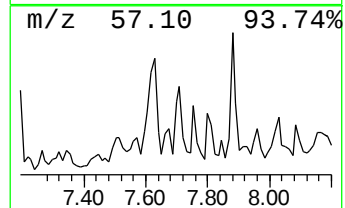
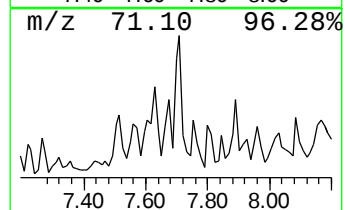
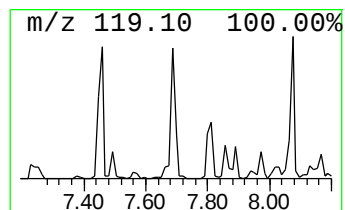
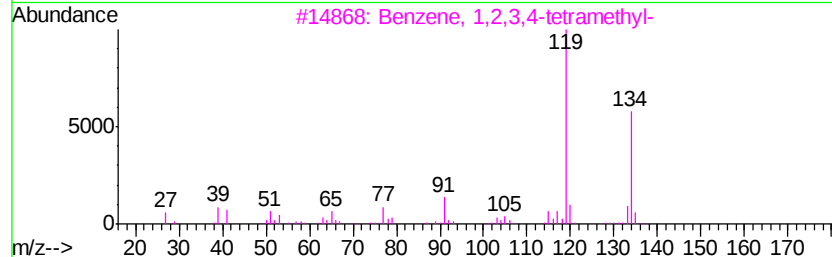
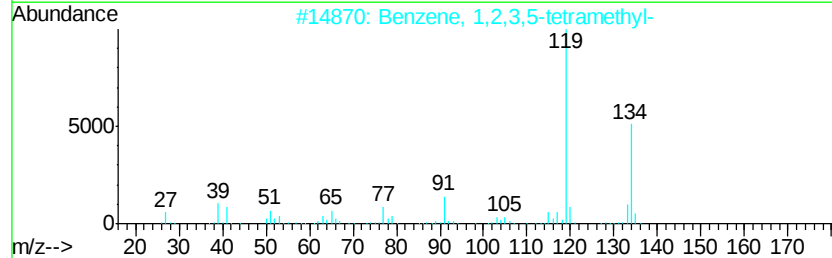
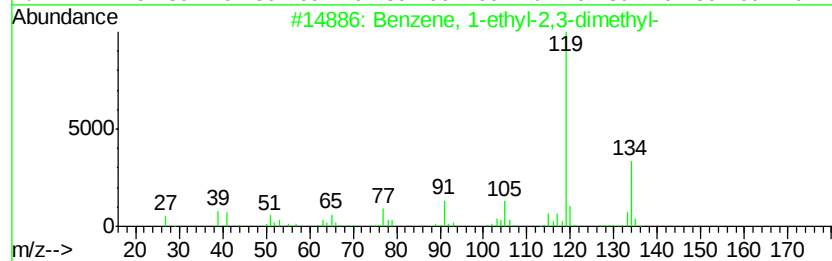
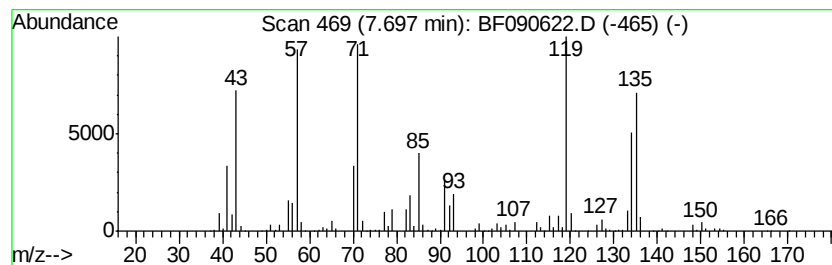
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown7.70 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	25.53 ng	5343160	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	42
5		o-Cymene	134	C10H14	000527-84-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
Sample : H5192-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampled :
MJSB-18(11-13)

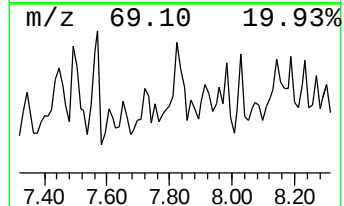
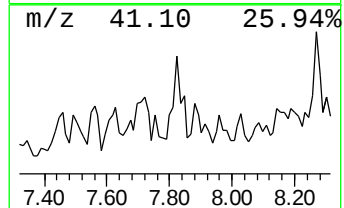
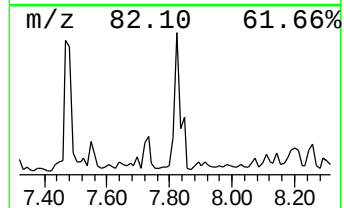
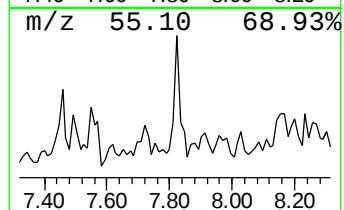
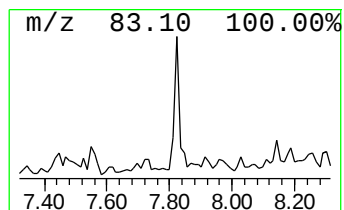
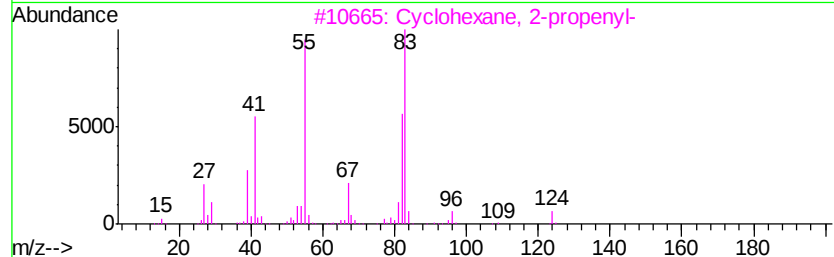
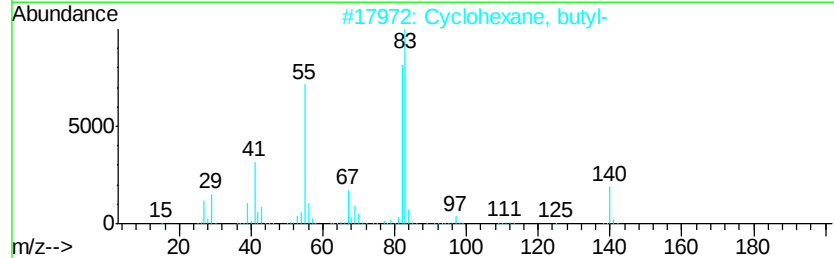
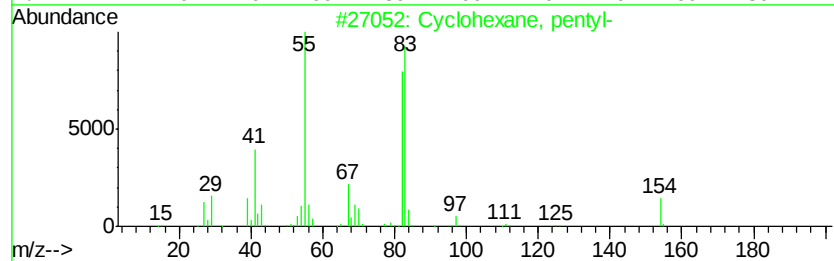
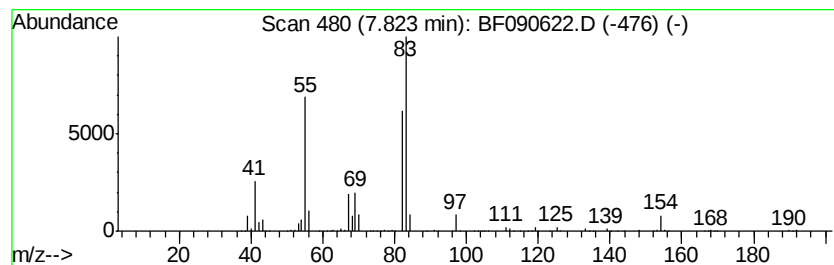
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cyclohexane, pentyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	31.15 ng	6519960	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	78
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MJSB-18(11-13)

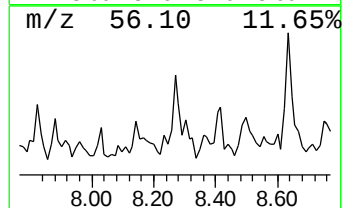
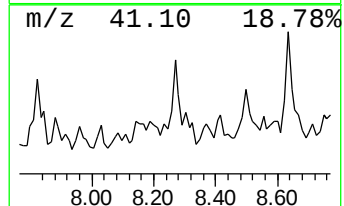
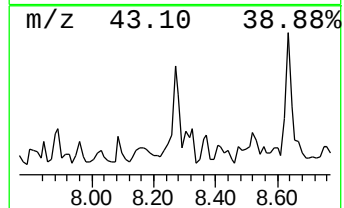
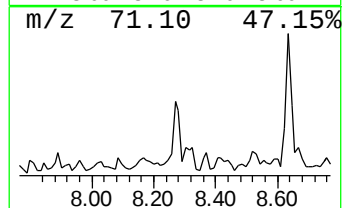
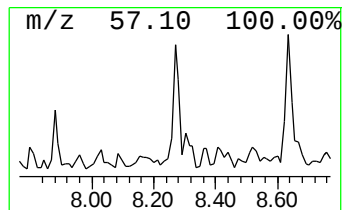
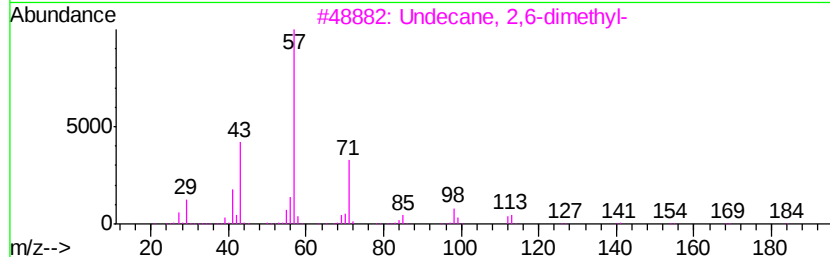
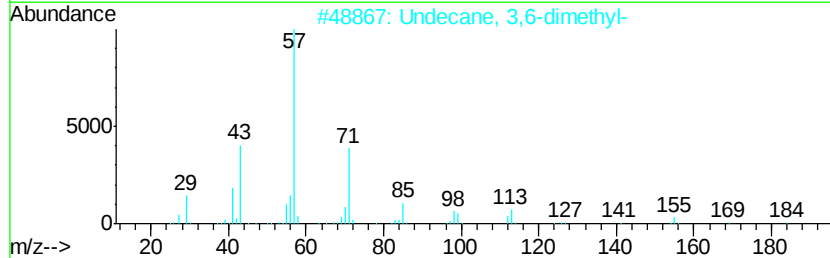
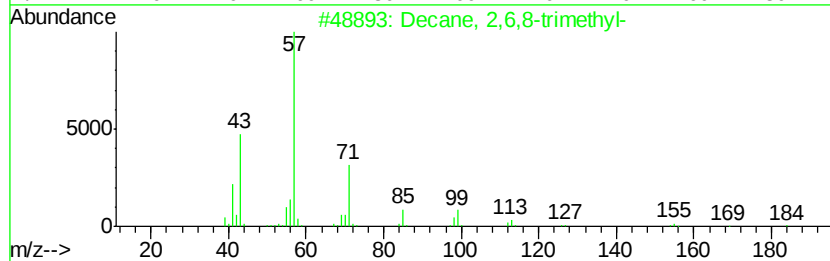
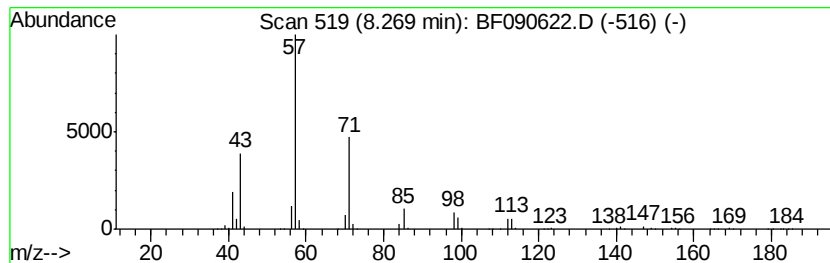
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Decane, 2,6,8-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	57.21 ng	11974500	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MJSB-18(11-13)

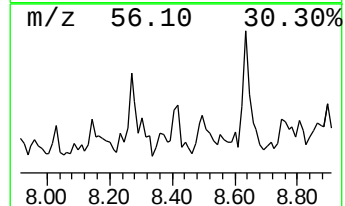
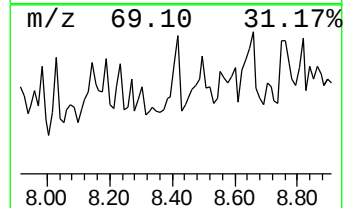
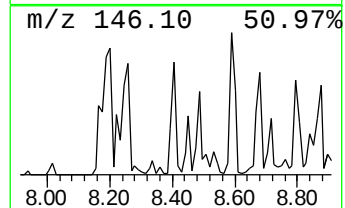
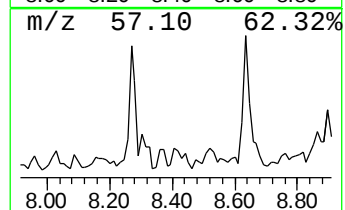
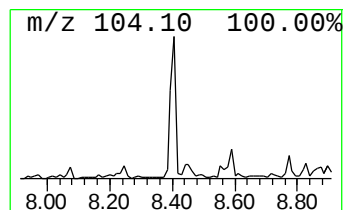
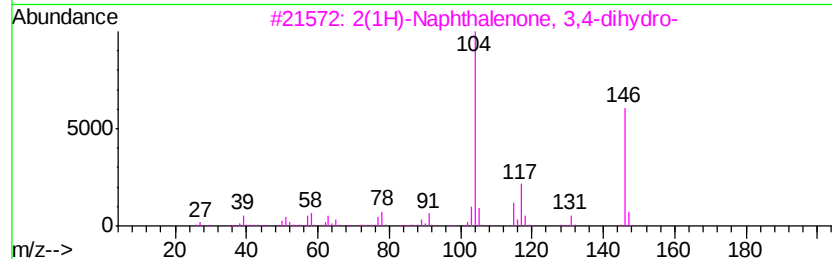
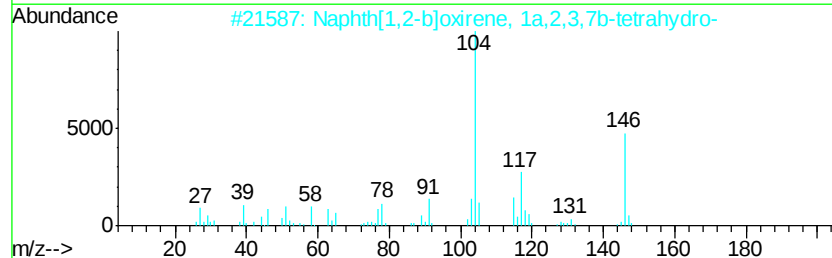
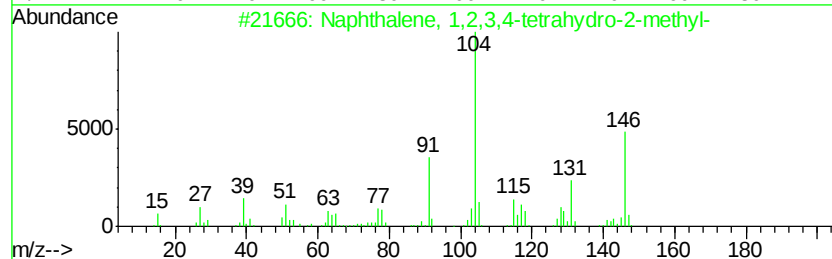
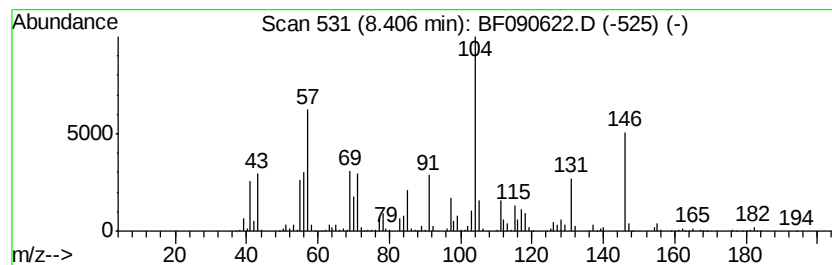
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	30.04 ng	6287730	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	70
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	49
3		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	47
4		2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	38
5		2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
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Instrument :
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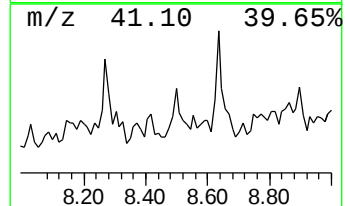
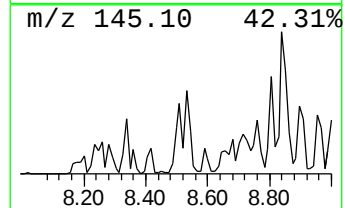
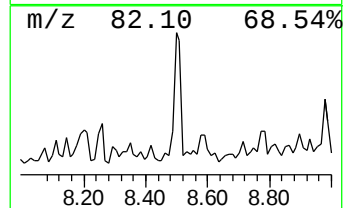
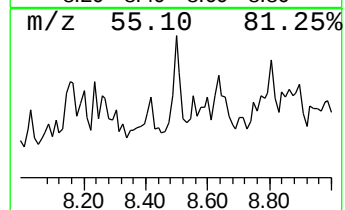
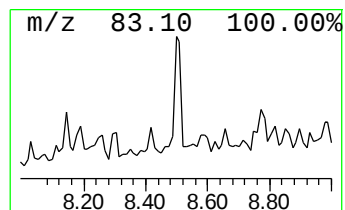
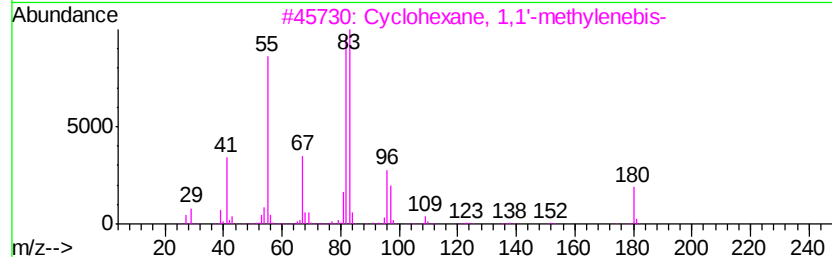
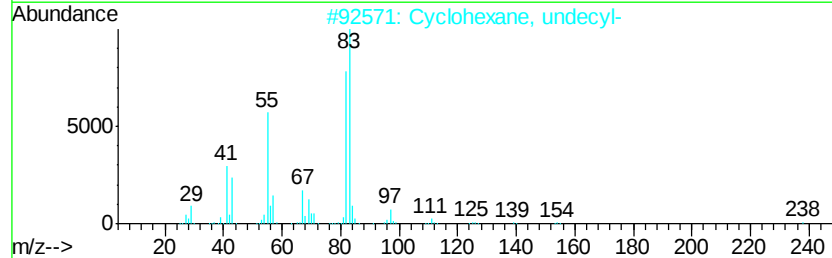
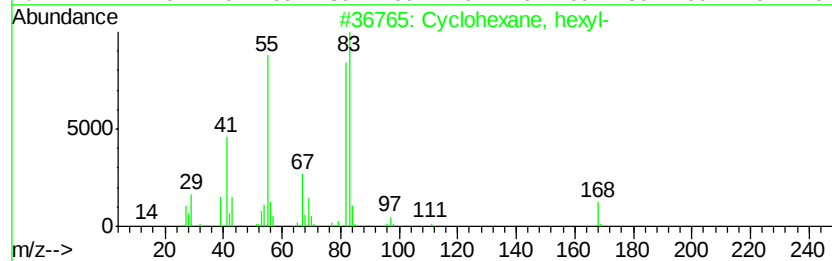
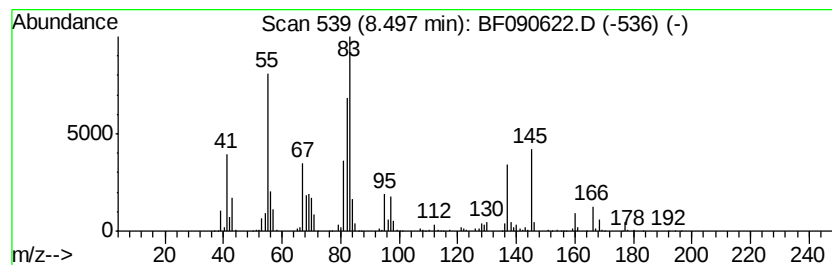
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown8.50 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	27.30 ng	5713210	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	47
3		Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	47
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
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Misc :
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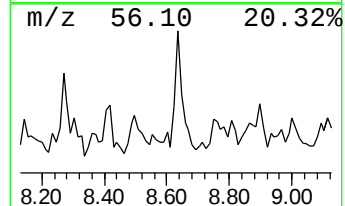
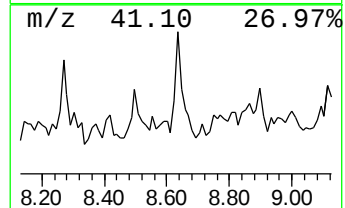
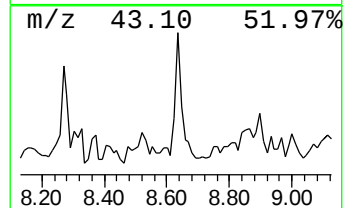
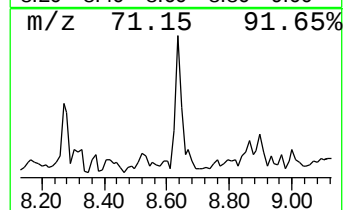
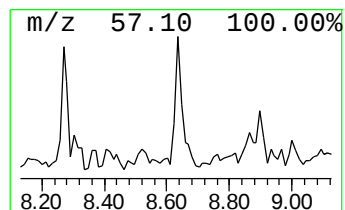
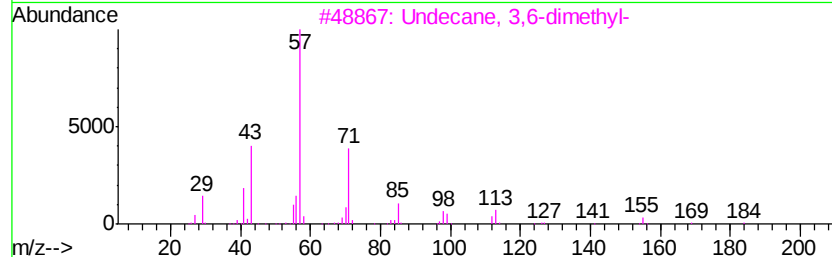
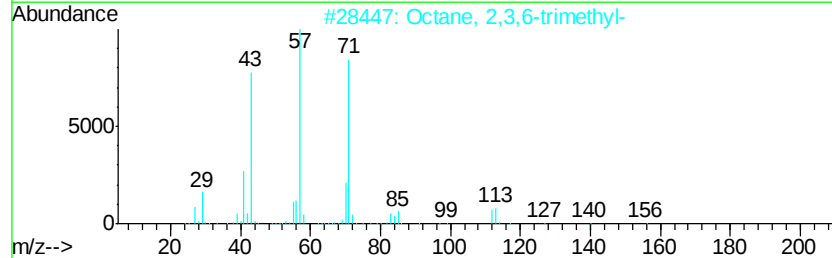
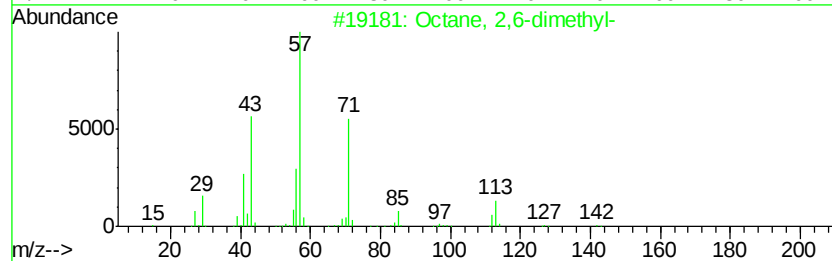
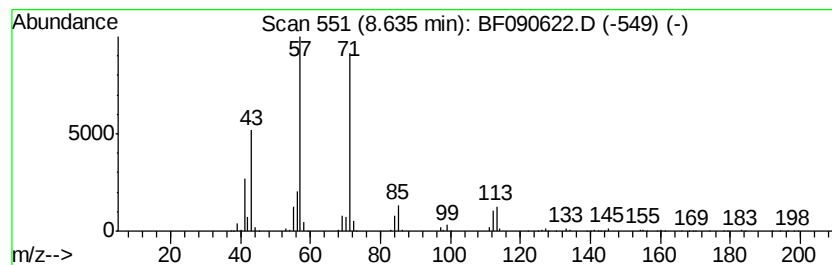
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	32.10 ng	6719090	Napthalene-d8	8.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 90
2		Octane, 2,3,6-trimethyl-	156 C11H24	062016-33-5 78
3		Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9 72
4		Oxalic acid, 2-ethylhexyl octyl ...	314 C18H34O4	1000309-39-1 64
5		Oxalic acid, octyl propyl ester	244 C13H24O4	1000309-26-1 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090622.D
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ClientSampleId :
MJSB-18(11-13)

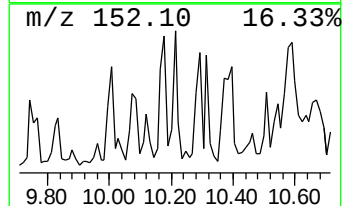
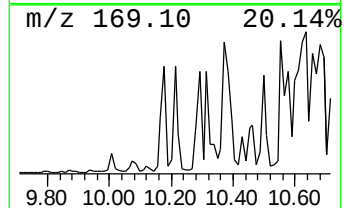
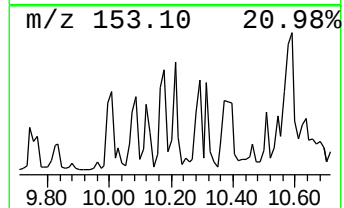
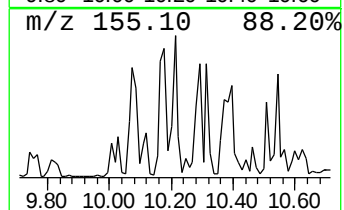
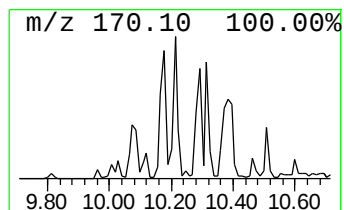
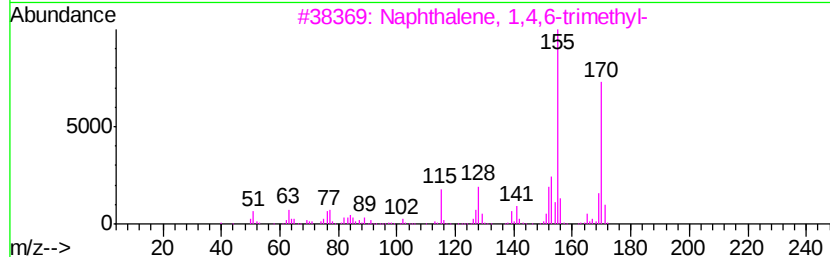
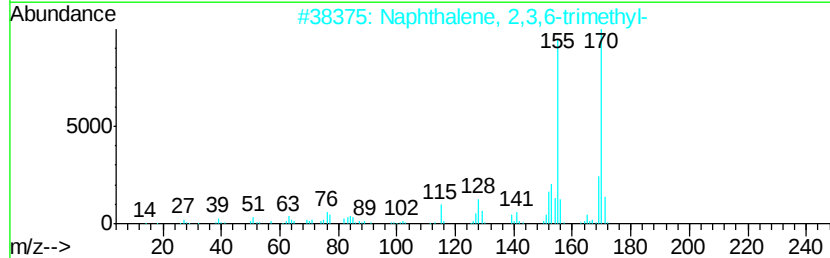
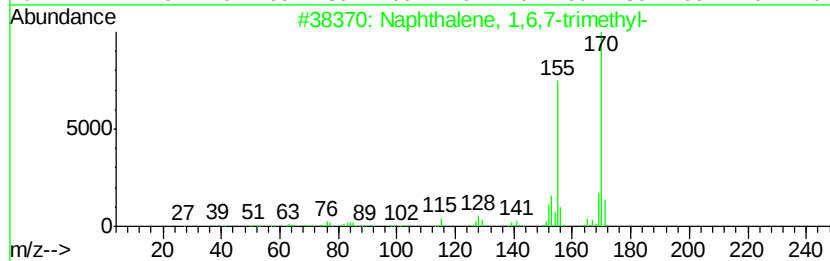
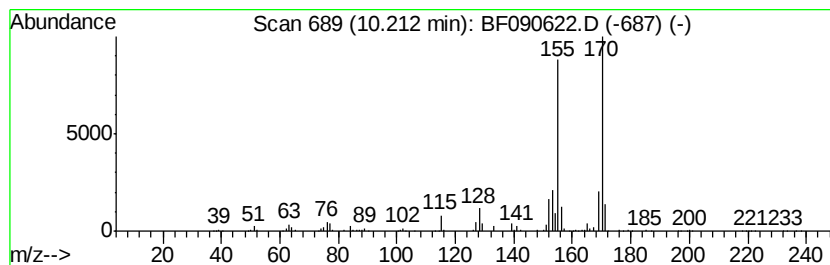
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	32.50 ng	7038170	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
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Sample : H5192-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

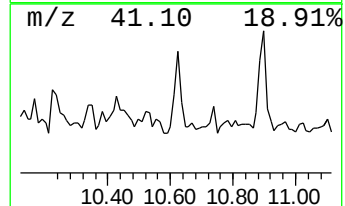
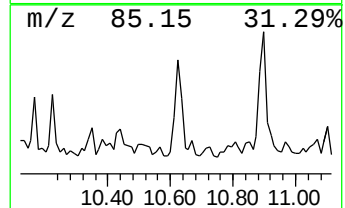
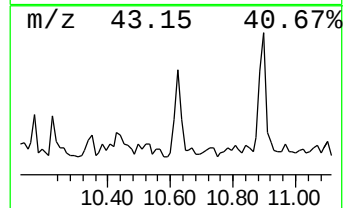
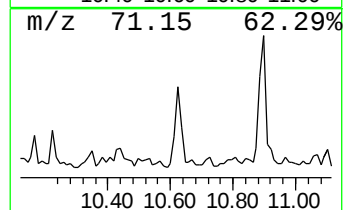
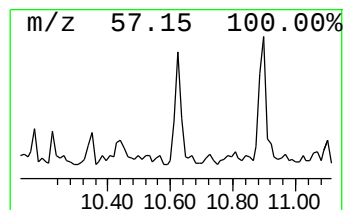
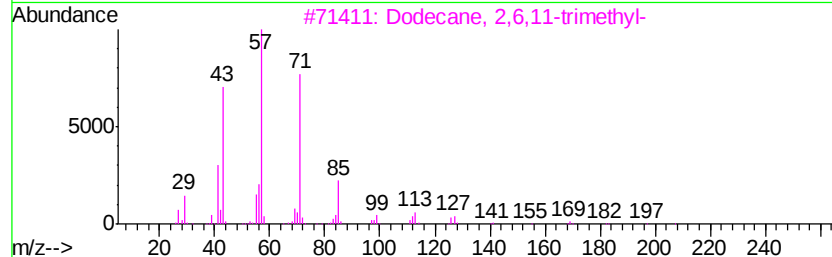
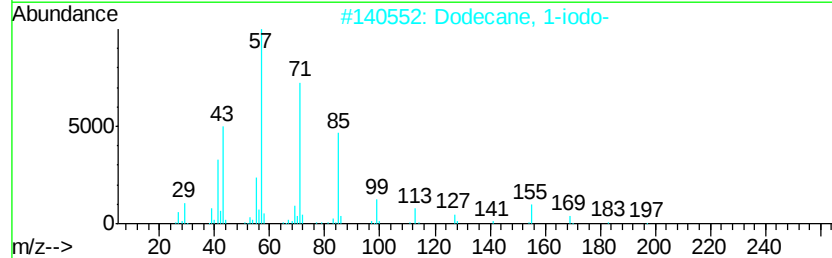
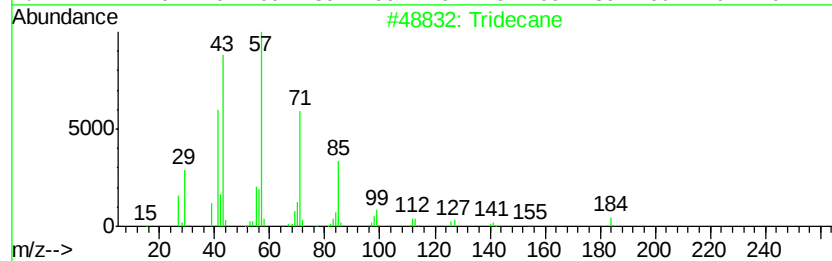
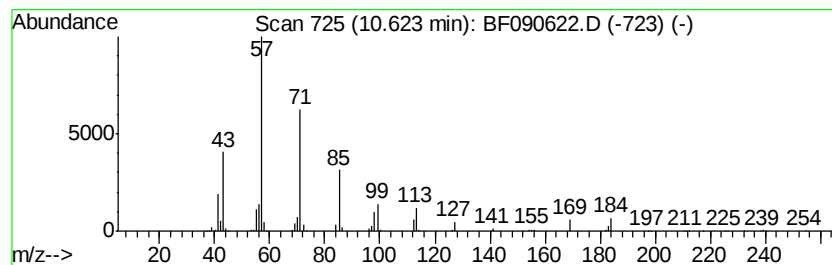
Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	24.75 ng	5359370	Acenaphthene-d10	9.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	72
2	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	64
3	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	53
4	Bacchotricuneatin c	342 C20H22O5	066563-30-2	49
5	Decane, 5-propyl-	184 C13H28	017312-62-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
Sample : H5192-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

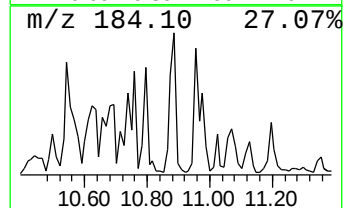
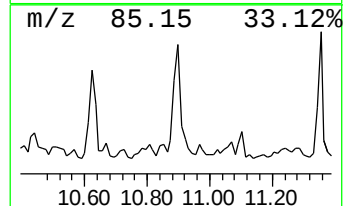
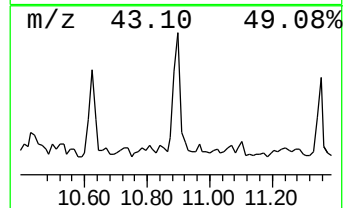
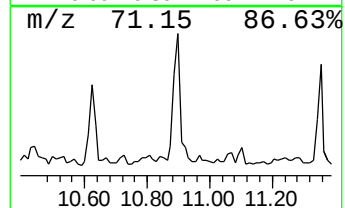
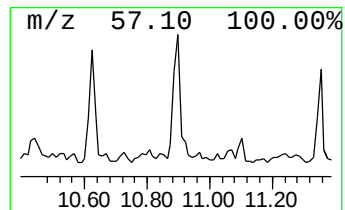
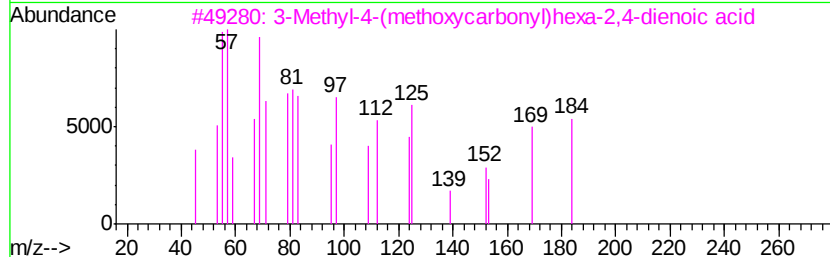
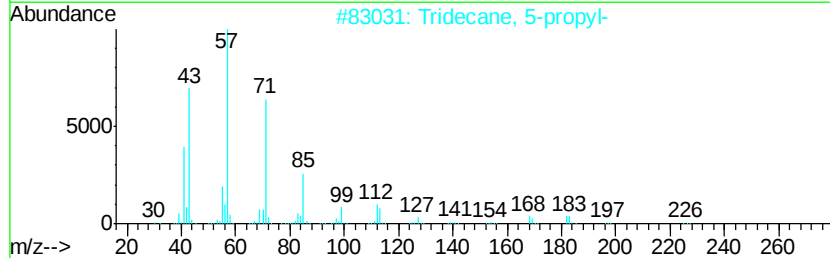
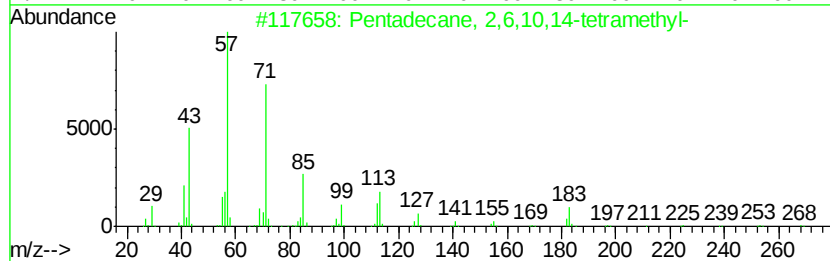
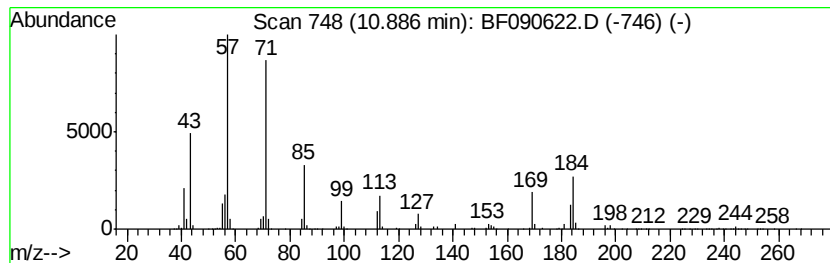
Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.89	48.05 ng	8545650	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
3	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	64
4	Dodecane	170	C12H26	000112-40-3	58
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
Sample : H5192-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

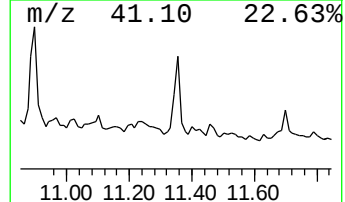
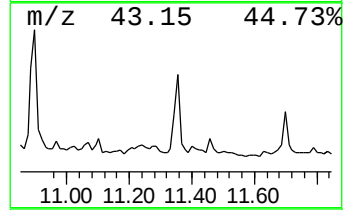
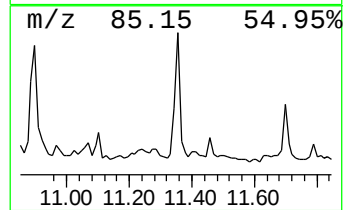
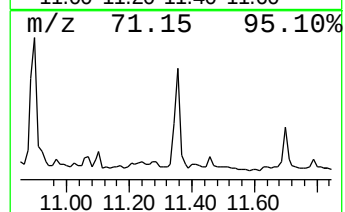
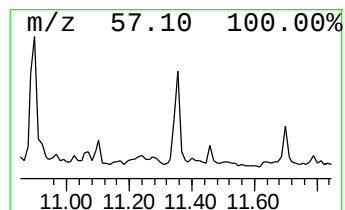
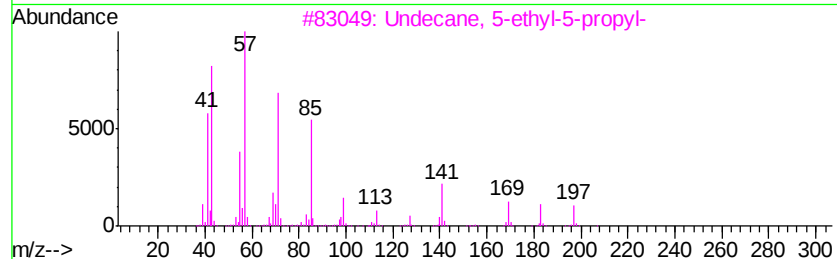
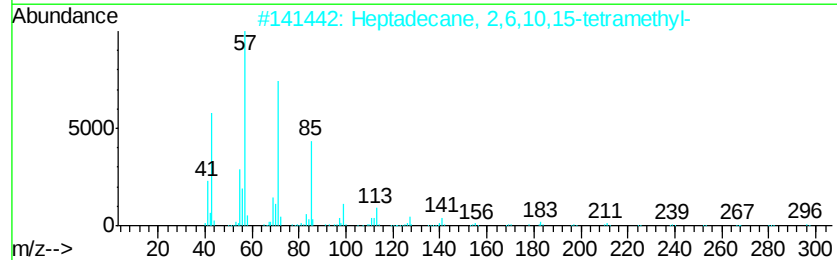
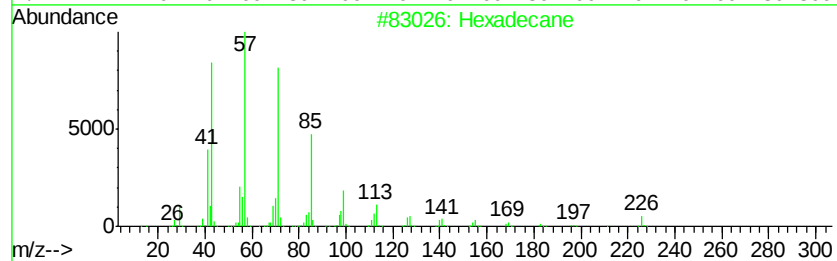
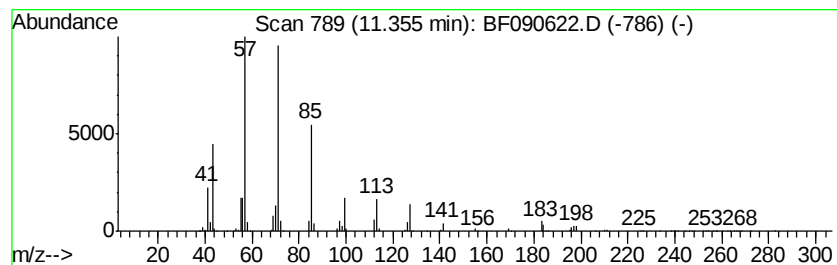
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	37.35 ng	6642280	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	78
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
 Data File : BF090622.D
 Acq On : 17 Oct 2016 21:57
 Operator : UM/SJ
 Sample : H5192-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane, 3-methyl-	6.15	29.1	ng	2723250	1	6.91	1870130	20.0
Octane, 2,3-dimet...	6.35	23.0	ng	2146580	1	6.91	1870130	20.0
unknown6.68	6.68	85.3	ng	7980260	1	6.91	1870130	20.0
Nonane, 2-methyl-...	7.03	32.4	ng	3025220	1	6.91	1870130	20.0
Benzene, 1,3-diet...	7.16	29.1	ng	2716400	1	6.91	1870130	20.0
Nonane, 2,5-dimet...	7.19	26.1	ng	2437270	1	6.91	1870130	20.0
Naphthalene, deca...	7.31	27.4	ng	2561140	1	6.91	1870130	20.0
unknown7.56	7.56	23.3	ng	4876160	2	8.20	4186140	20.0
Undecane	7.63	27.3	ng	5718250	2	8.20	4186140	20.0
unknown7.70	7.70	25.5	ng	5343160	2	8.20	4186140	20.0
Cyclohexane, pentyl-	7.82	31.1	ng	6519960	2	8.20	4186140	20.0
Decane, 2,6,8-tri...	8.27	57.2	ng	11974500	2	8.20	4186140	20.0
Naphthalene, 1,2,...	8.41	30.0	ng	6287730	2	8.20	4186140	20.0
unknown8.50	8.50	27.3	ng	5713210	2	8.20	4186140	20.0
Octane, 2,6-dimet...	8.63	32.1	ng	6719090	2	8.20	4186140	20.0
Naphthalene, 1,6,...	10.21	32.5	ng	7038170	3	9.97	4331130	20.0
Tridecane	10.62	24.8	ng	5359370	3	9.97	4331130	20.0
Pentadecane, 2,6,...	10.89	48.0	ng	8545650	4	11.46	3556750	20.0
Hexadecane	11.35	37.4	ng	6642280	4	11.46	3556750	20.0