

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084997.D
 Acq On : 10 Feb 2016 17:12
 Operator : SJ/IZ
 Sample : H1386-02RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(11-13)RE

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-BF020116.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	2.890	107	114	117	rBV2	274807	712059	4.29%	0.272%
2	3.313	144	151	154	rBV2	330137	1119174	6.74%	0.427%
3	3.484	160	166	170	rBV	644254	1664860	10.03%	0.635%
4	3.667	175	182	185	rBV3	715679	1727999	10.41%	0.659%
5	3.861	194	199	201	rBV2	323360	730552	4.40%	0.279%
6	4.079	216	218	222	rVB2	455008	817229	4.92%	0.312%
7	4.204	225	229	234	rBV2	835776	1624968	9.79%	0.620%
8	4.444	248	250	252	rBV	390379	631037	3.80%	0.241%
9	4.570	259	261	263	rVB	648649	821463	4.95%	0.313%
10	4.662	267	269	272	rVB	1476578	2081718	12.54%	0.794%
11	4.730	273	275	276	rBV	667916	739026	4.45%	0.282%
12	4.764	276	278	281	rBV	714621	935110	5.64%	0.357%
13	4.959	293	295	297	rBV	1064685	1677331	10.11%	0.640%
14	5.004	297	299	302	rVB3	538413	1090146	6.57%	0.416%
15	5.062	302	304	306	rBV	1522095	2376305	14.32%	0.906%
16	5.096	306	307	310	rVB3	773761	657540	3.96%	0.251%
17	5.176	310	314	315	rBV	1958388	2874817	17.32%	1.097%
18	5.222	315	318	319	rVB	3396980	4549081	27.41%	1.735%
19	5.256	319	321	324	rVB3	502912	855217	5.15%	0.326%
20	5.347	327	329	332	rBV	1161601	1627528	9.81%	0.621%
21	5.393	332	333	335	rVB	913524	732232	4.41%	0.279%
22	5.439	335	337	341	rBV3	772181	1497775	9.03%	0.571%
23	5.610	349	352	354	rVB2	1081703	1479645	8.92%	0.564%
24	5.679	354	358	362	rVB3	688508	1765666	10.64%	0.673%
25	5.759	362	365	367	rBV2	1852486	2876444	17.33%	1.097%
26	5.816	367	370	372	rVB3	819446	1206176	7.27%	0.460%
27	5.862	372	374	377	rVB	2595535	3239701	19.52%	1.236%
28	5.919	377	379	381	rBV	1101252	1602956	9.66%	0.611%
29	6.067	388	392	394	rBV2	2049203	3835176	23.11%	1.463%
30	6.125	394	397	399	rBV2	2359526	4015343	24.20%	1.532%
31	6.159	399	400	404	rVB	2164087	2319282	13.98%	0.885%
32	6.216	404	405	409	rBV2	1804122	2924699	17.62%	1.116%
33	6.285	409	411	413	rBV	3487069	3862290	23.28%	1.473%
34	6.319	413	414	416	rVB	687886	731331	4.41%	0.279%

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35	6.365	416	418	419	rBV	811227	1189928	7.17%	0.454%
36	6.399	419	421	423	rBV	4448975	4426073	26.67%	1.688%
37	6.479	426	428	430	rBV3	411968	615084	3.71%	0.235%
38	6.582	434	437	439	rBV2	1024125	2485672	14.98%	0.948%
39	6.627	439	441	442	rVB	1495970	1230164	7.41%	0.469%
40	6.662	442	444	445	rVB	2536403	2837270	17.10%	1.082%
41	6.696	445	447	451	rBV3	890879	2247949	13.55%	0.857%
42	6.787	451	455	459	rVB3	4644908	10360106	62.43%	3.952%
43	6.890	459	464	465	rBV2	2782029	4710743	28.39%	1.797%
44	6.925	465	467	468	rVB2	1449630	1699101	10.24%	0.648%
45	6.959	468	470	471	rVB	2676179	2519965	15.19%	0.961%
46	6.993	471	473	474	rVB	1640274	2149999	12.96%	0.820%
47	7.027	474	476	480	rVB2	1583670	2726830	16.43%	1.040%
48	7.188	485	490	496	rBV2	6937826	16594149	100.00%	6.330%
49	7.290	496	499	501	rBV3	2044830	3392879	20.45%	1.294%
50	7.359	501	505	507	rBV3	1908446	4391814	26.47%	1.675%
51	7.416	507	510	511	rBV	3862737	4789942	28.87%	1.827%
52	7.439	511	512	515	rVB2	2888371	2902318	17.49%	1.107%
53	7.485	515	516	519	rBV3	764167	1238042	7.46%	0.472%
54	7.553	519	522	523	rBV2	2311345	4911715	29.60%	1.873%
55	7.599	524	526	530	rVV2	2309695	4208932	25.36%	1.605%
56	7.668	530	532	533	rVV2	3802072	4909386	29.59%	1.873%
57	7.690	533	534	537	rVB3	2097243	2328617	14.03%	0.888%
58	7.736	537	538	541	rVB2	2482646	3723987	22.44%	1.420%
59	7.805	541	544	545	rBV	2475771	2995715	18.05%	1.143%
60	7.919	548	554	555	rBV2	5308513	11238800	67.73%	4.287%
61	7.953	555	557	558	rVV	2169331	2972323	17.91%	1.134%
62	7.976	558	559	560	rVV	2982282	2530033	15.25%	0.965%
63	8.010	560	562	565	rVV2	4982154	6798720	40.97%	2.593%
64	8.056	565	566	567	rVB	1615264	1107263	6.67%	0.422%
65	8.102	567	570	572	rBV3	1460730	3805427	22.93%	1.452%
66	8.136	572	573	575	rVB2	1551410	1153933	6.95%	0.440%
67	8.228	575	581	585	rBV5	2329739	8949569	53.93%	3.414%
68	8.285	585	586	587	rVV	1247536	882401	5.32%	0.337%
69	8.319	587	589	590	rVB	2387027	2877600	17.34%	1.098%
70	8.365	590	593	595	rBV	5721251	7433400	44.80%	2.835%
71	8.433	597	599	601	rBV2	826317	1735574	10.46%	0.662%

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72	8.525	605	607	608	rBV2	757049	1324886	7.98%	0.505%
73	8.616	614	615	617	rVB	2125571	2822931	17.01%	1.077%
74	8.662	617	619	622	rVV4	617025	1831268	11.04%	0.699%
75	8.730	622	625	630	rVV2	2807136	5725153	34.50%	2.184%
76	8.833	630	634	638	rVV7	1442978	4421741	26.65%	1.687%
77	8.902	638	640	641	rVV2	444854	762093	4.59%	0.291%
78	8.959	642	645	646	rVV	3311334	3858727	23.25%	1.472%
79	8.993	646	648	651	rVV	2848563	4514972	27.21%	1.722%
80	9.096	653	657	658	rBV2	723121	1403265	8.46%	0.535%
81	9.131	658	660	664	rVB4	595018	1341546	8.08%	0.512%
82	9.199	664	666	668	rVB	636505	780490	4.70%	0.298%
83	9.256	668	671	673	rBV	1142601	1659254	10.00%	0.633%
84	9.325	676	677	679	rVV	1064312	1583506	9.54%	0.604%
85	9.405	682	684	685	rVV2	2441110	2653851	15.99%	1.012%
86	9.439	685	687	692	rVB5	565407	1364987	8.23%	0.521%
87	9.531	692	695	697	rBV3	343289	624678	3.76%	0.238%
88	9.576	697	699	701	rVB	608559	628126	3.79%	0.240%
89	9.668	704	707	708	rBV2	1042261	1511941	9.11%	0.577%
90	9.873	722	725	726	rVB2	466249	649431	3.91%	0.248%
91	10.068	740	742	745	rBV2	402976	649670	3.92%	0.248%
92	10.331	763	765	767	rBV	825371	827487	4.99%	0.316%
93	10.456	773	776	777	rBV2	2017472	2764709	16.66%	1.055%
94	10.594	784	788	790	rBV	1262345	1471918	8.87%	0.561%
95	11.062	826	829	831	rVB	929801	1023674	6.17%	0.390%
96	11.142	834	836	837	rBV	910108	834881	5.03%	0.318%
97	12.148	921	924	926	rBV	641797	1064750	6.42%	0.406%
98	12.354	940	942	944	rBV	449106	661885	3.99%	0.252%
99	12.731	973	975	978	rBV2	2720271	3059426	18.44%	1.167%
100	13.634	1052	1054	1059	rBV2	793455	1876395	11.31%	0.716%

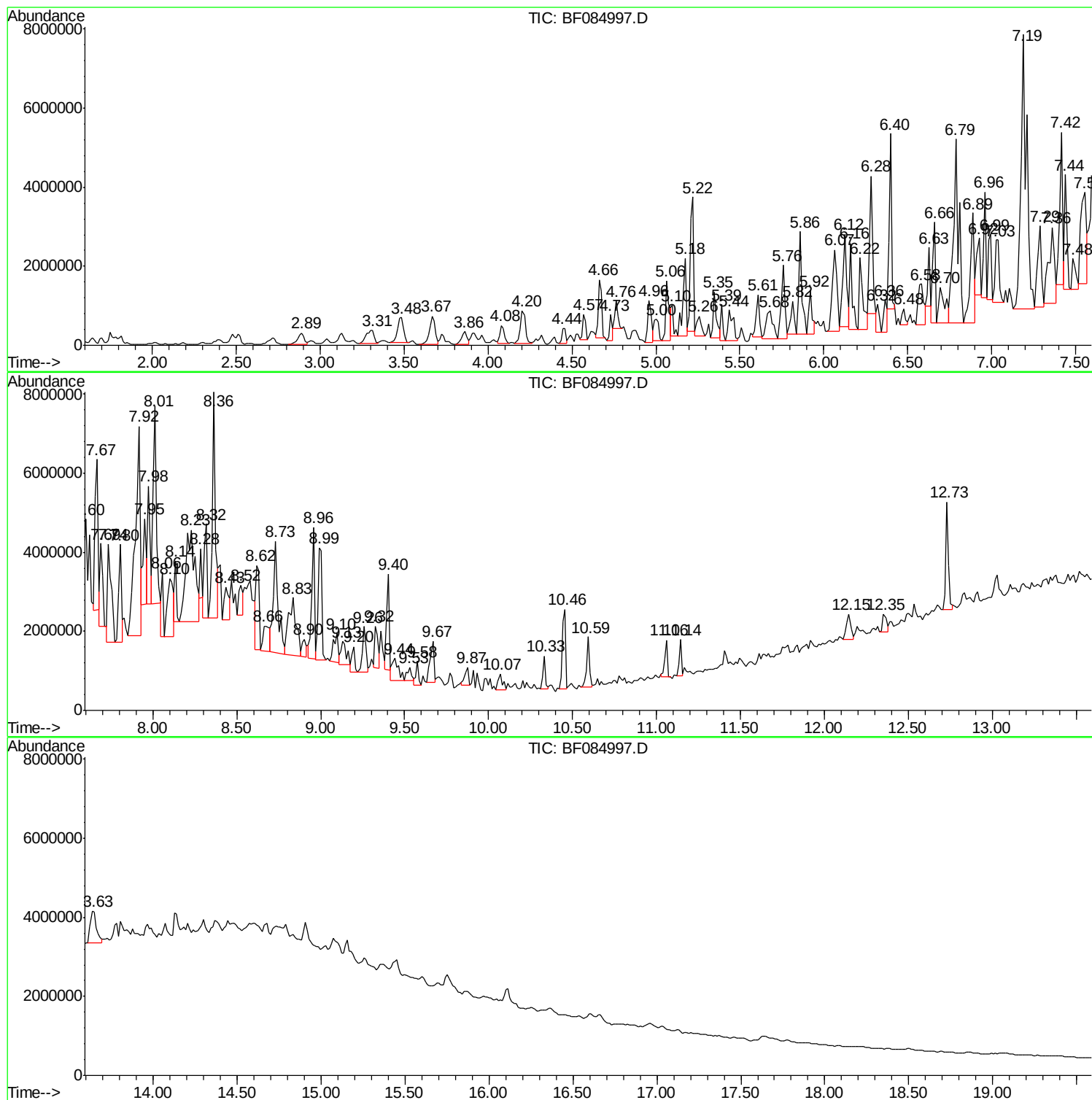
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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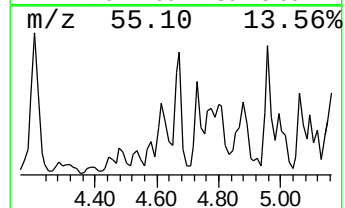
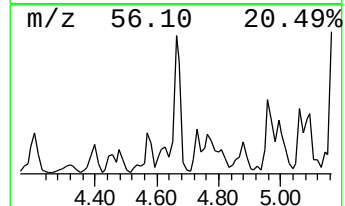
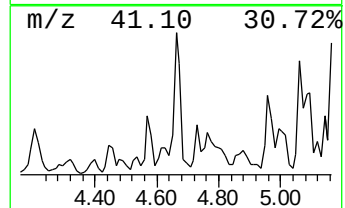
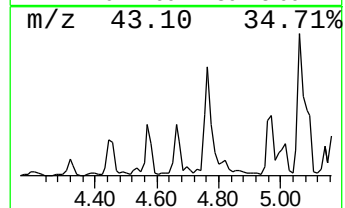
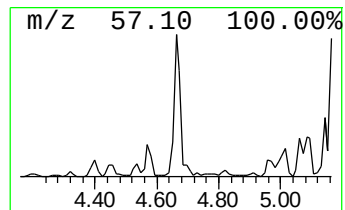
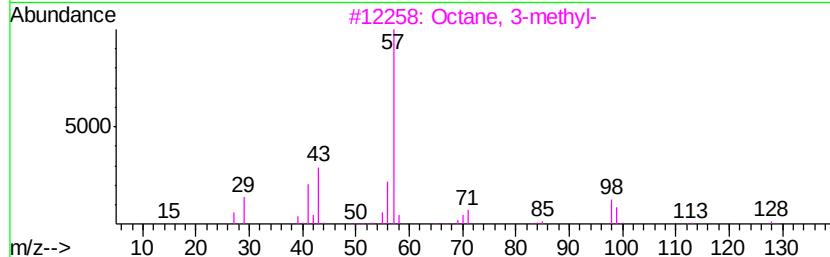
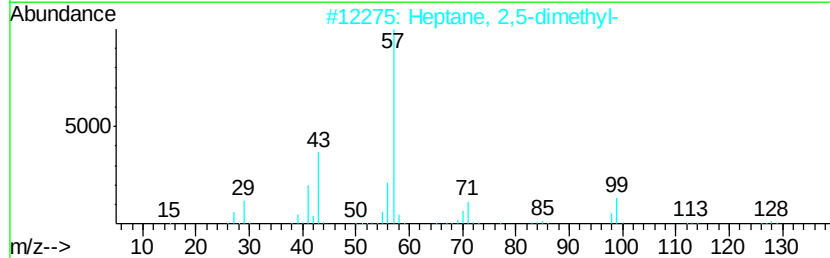
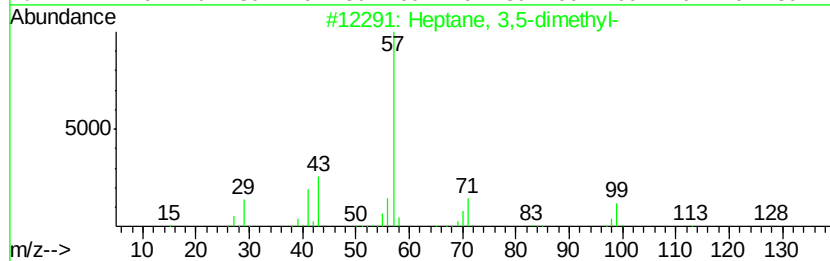
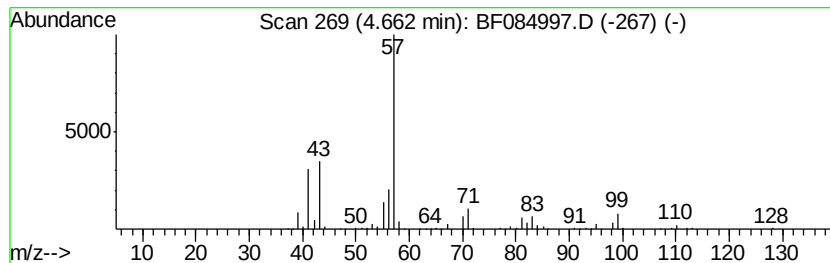
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.66	33.84 ng	2081720	1,4-Dichlorobenzene-d4	6.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	74
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
5	6-Oxa-bicyclo[3.1.0]hexan-3-ol	100	C5H8O2	025494-14-8	50



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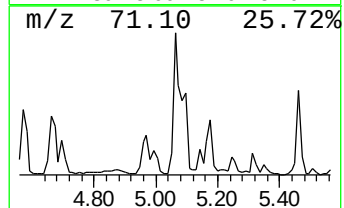
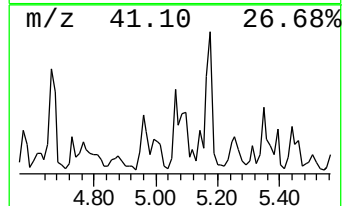
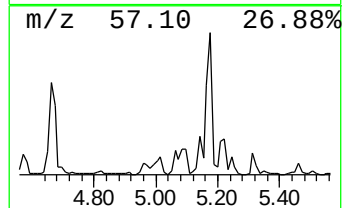
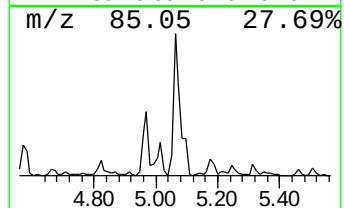
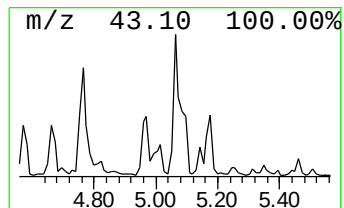
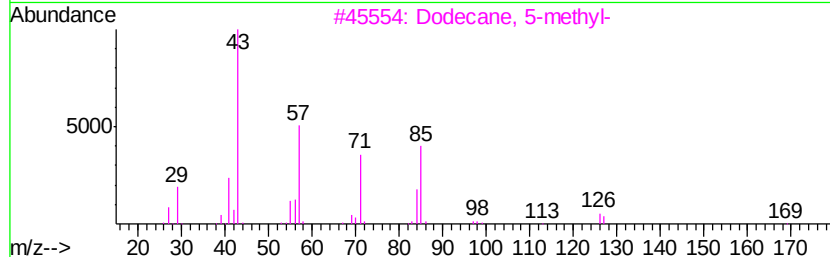
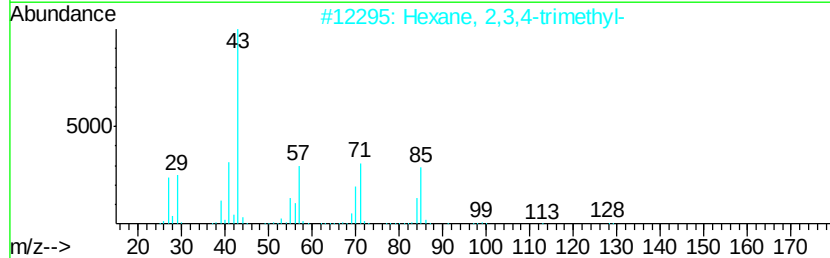
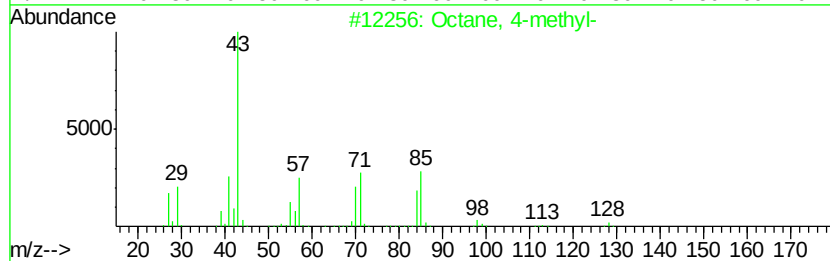
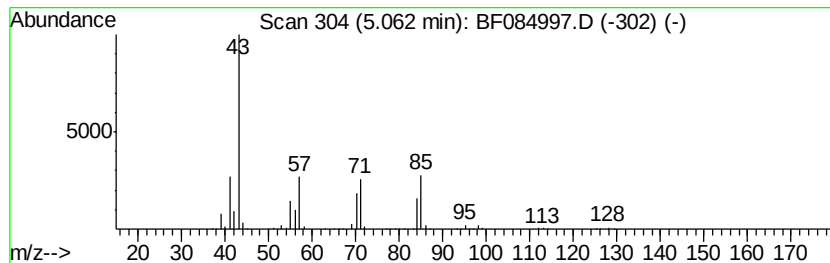
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	38.63 ng	2376310	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	83
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
3		Dodecane, 5-methyl-	184	C13H28	017453-93-9	78
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
5		Ether, hexyl pentyl	172	C11H24O	032357-83-8	72



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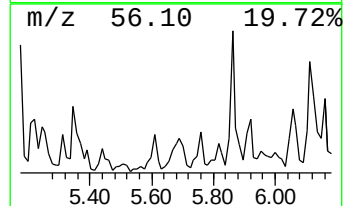
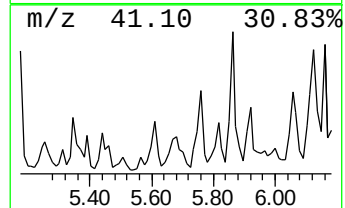
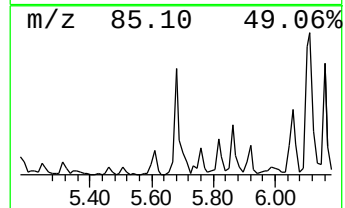
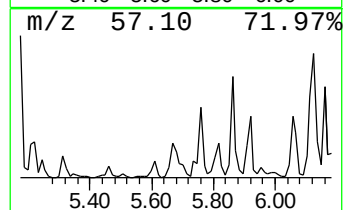
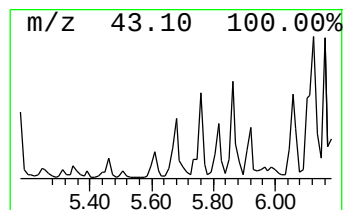
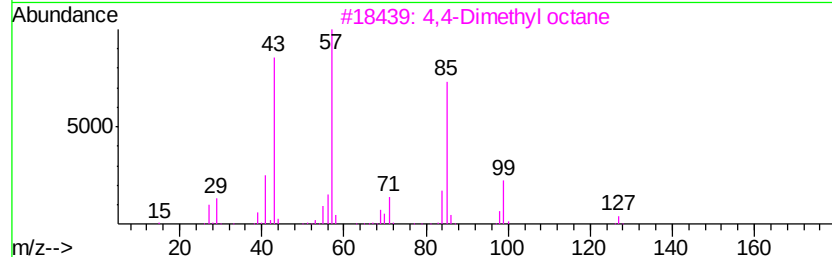
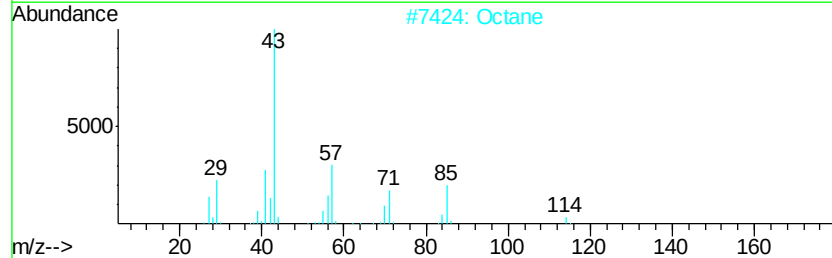
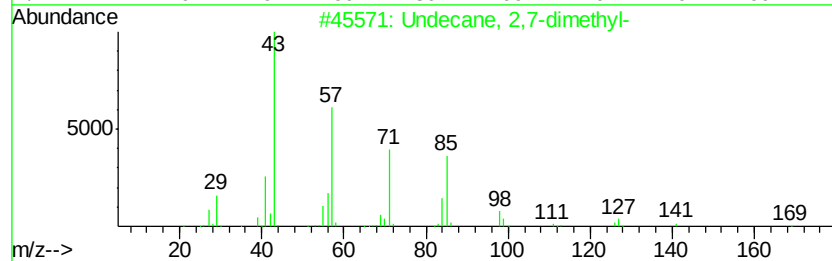
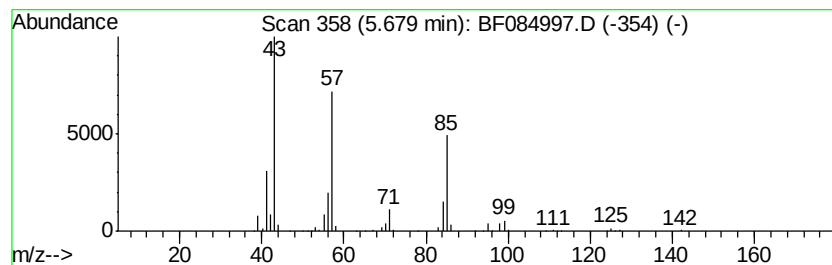
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	28.71 ng	1765670	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	64
2		Octane	114	C8H18	000111-65-9	59
3		4,4-Dimethyl octane	142	C10H22	015869-95-1	59
4		Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	59
5		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)RE

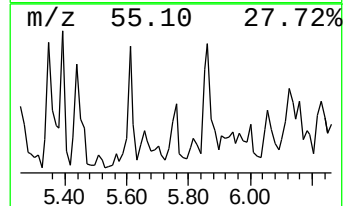
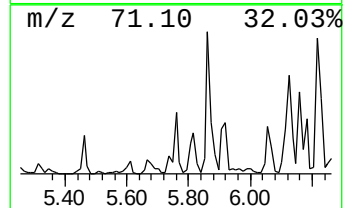
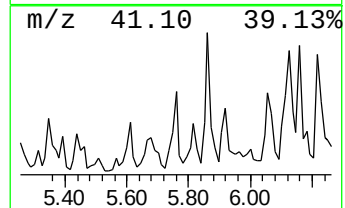
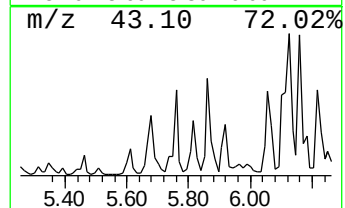
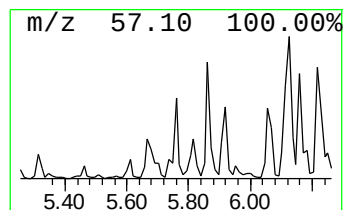
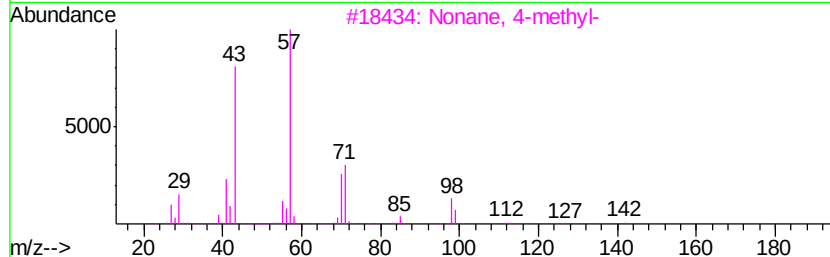
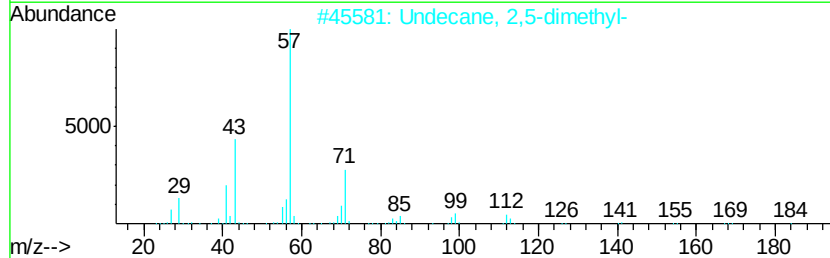
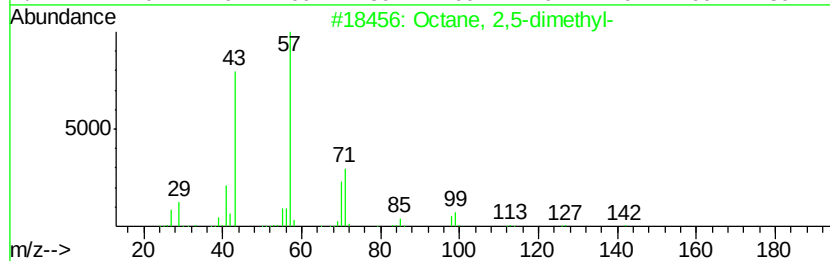
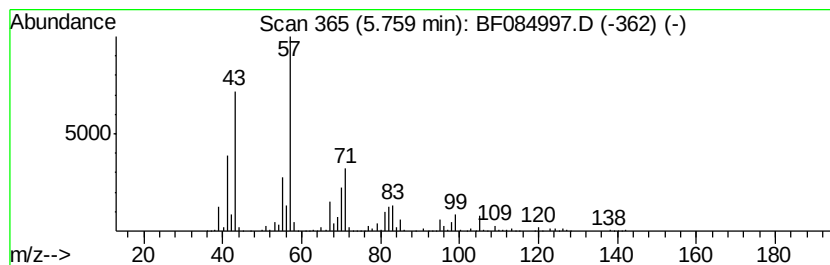
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	46.77 ng	2876440	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	47
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	47
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084997.D
Acq On : 10 Feb 2016 17:12
Operator : SJ/IZ
Sample : H1386-02RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B005(11-13)RE

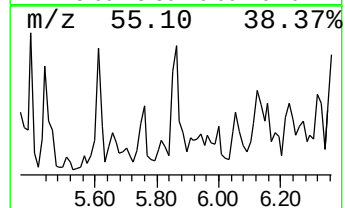
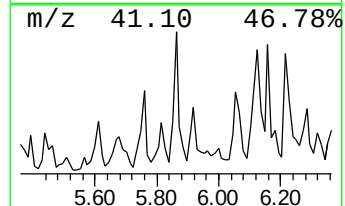
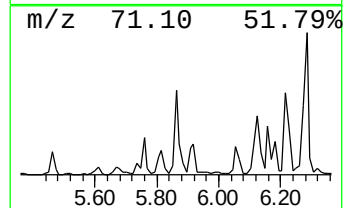
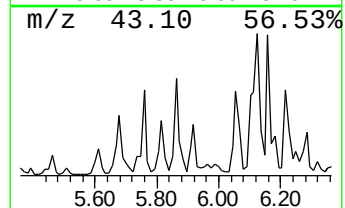
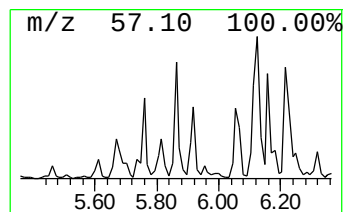
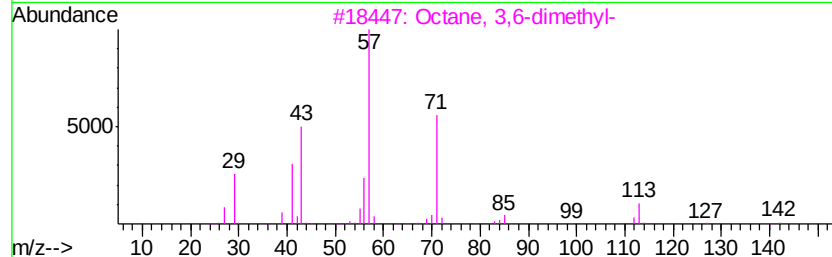
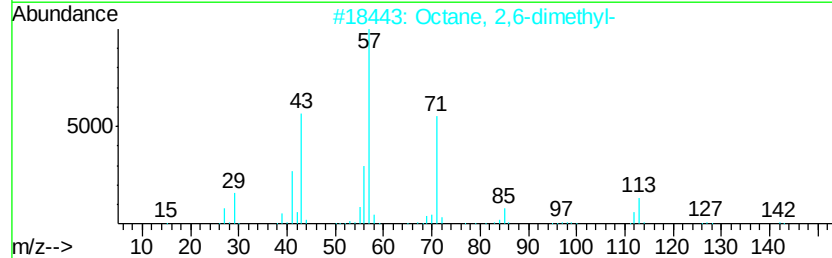
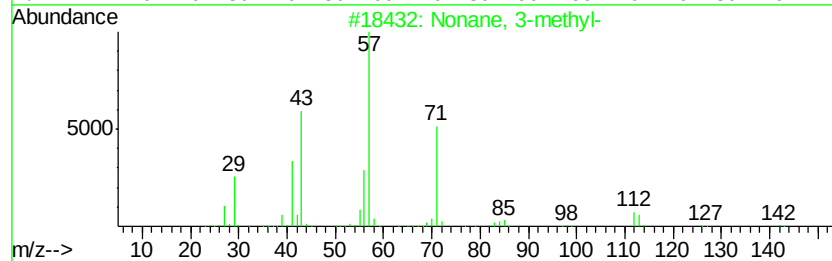
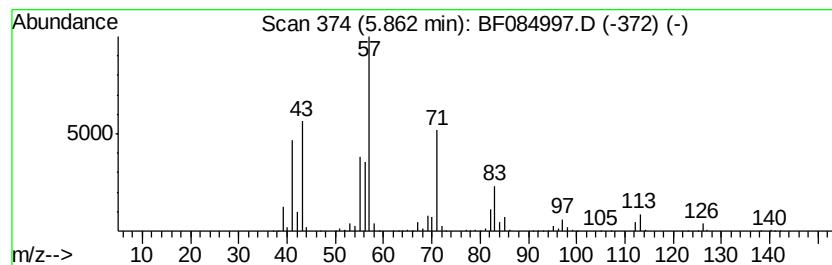
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	52.67 ng	3239700	1,4-Dichlorobenzene-d4	6.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	59	
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59	
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53	
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50	
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084997.D
Acq On : 10 Feb 2016 17:12
Operator : SJ/IZ
Sample : H1386-02RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B005(11-13)RE

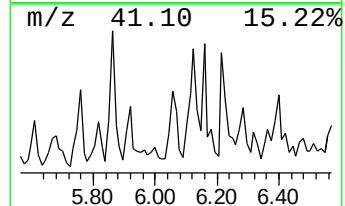
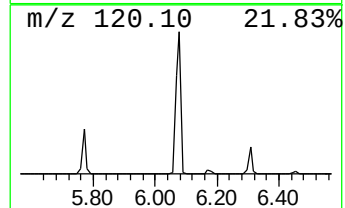
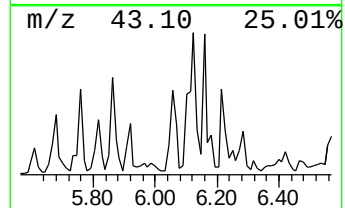
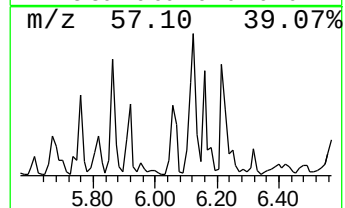
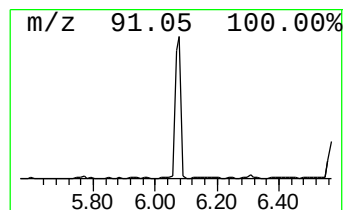
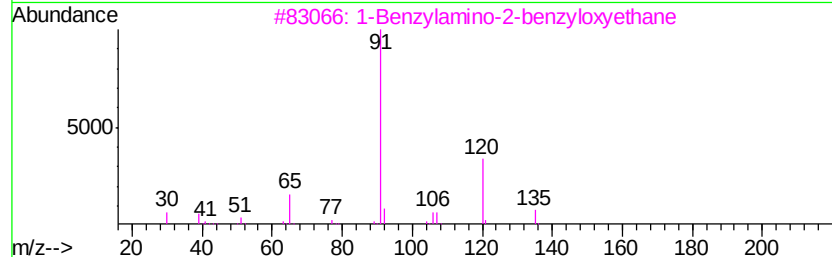
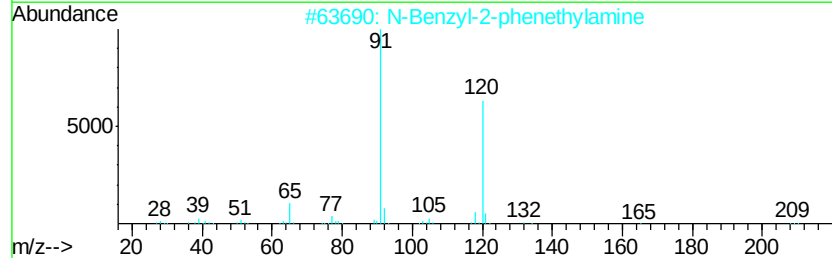
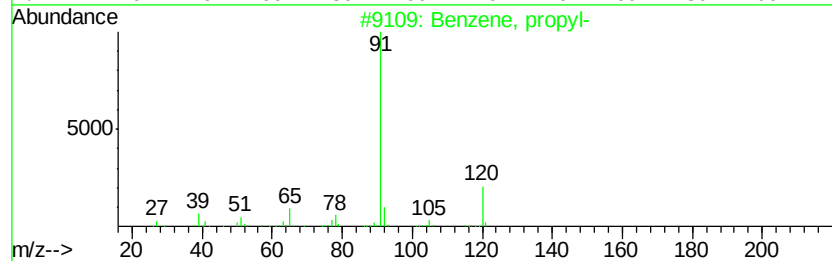
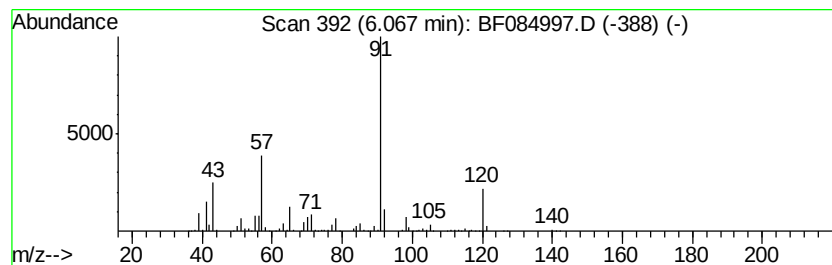
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	62.35 ng	3835180	1,4-Dichlorobenzene-d4	6.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, propyl-	120	C9H12	000103-65-1	76
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
3		1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	53
4		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	53
5		Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084997.D
Acq On : 10 Feb 2016 17:12
Operator : SJ/IZ
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Misc :
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Instrument :
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ClientSampleId :
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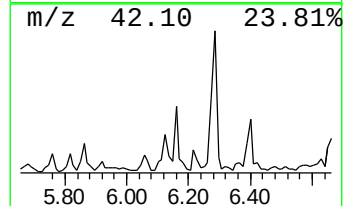
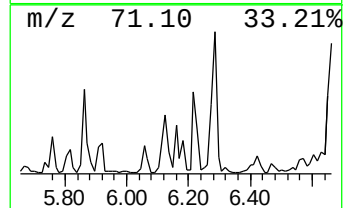
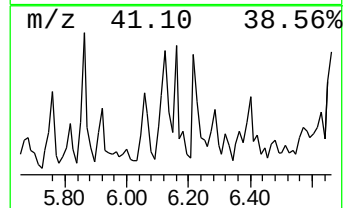
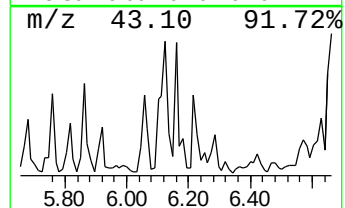
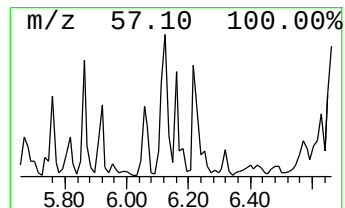
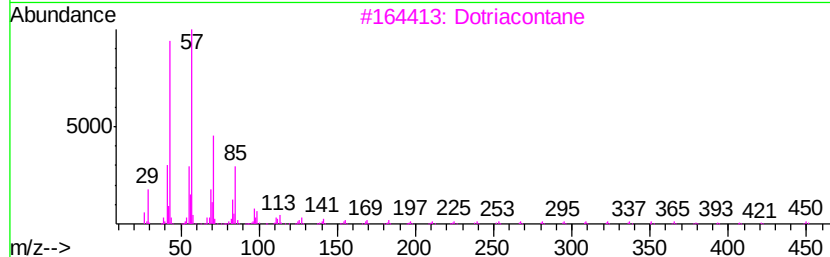
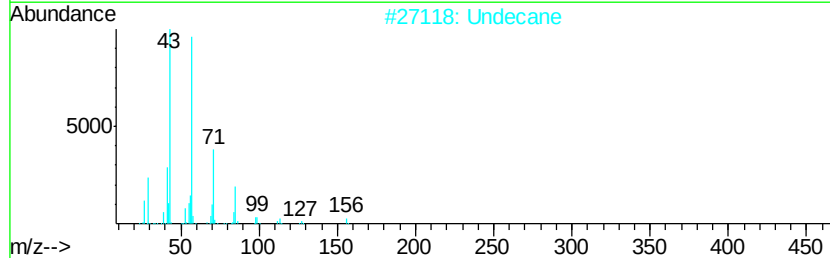
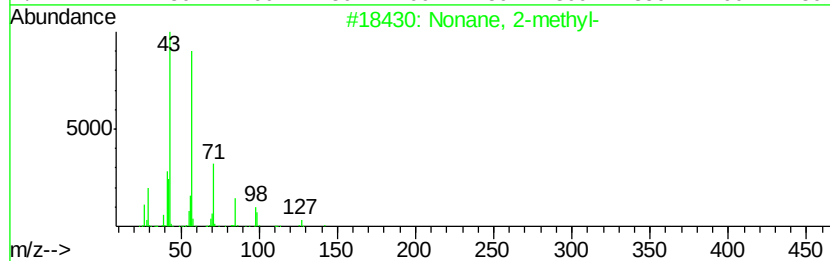
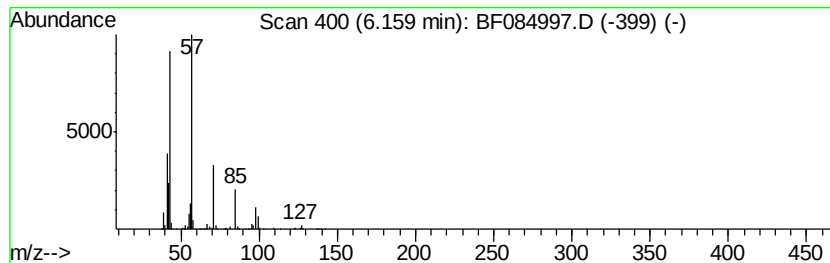
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	37.71 ng	2319280	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
2		Undecane	156	C11H24	001120-21-4	64
3		Dotriacontane	451	C32H66	000544-85-4	59
4		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
5		Decane	142	C10H22	000124-18-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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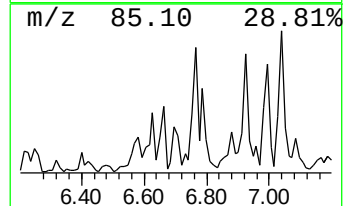
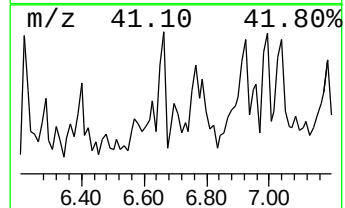
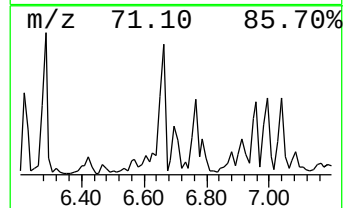
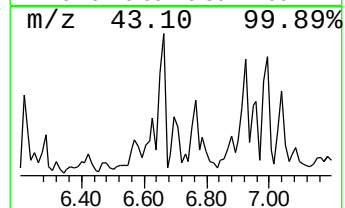
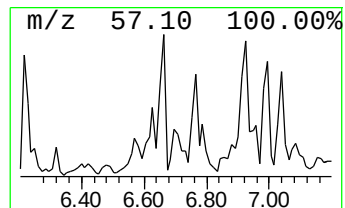
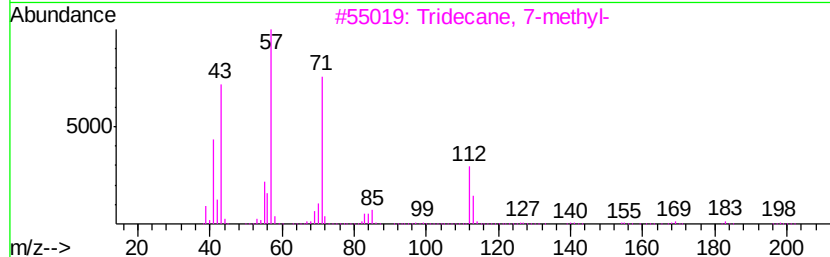
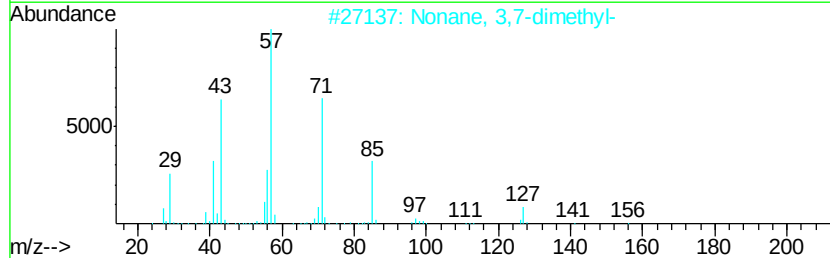
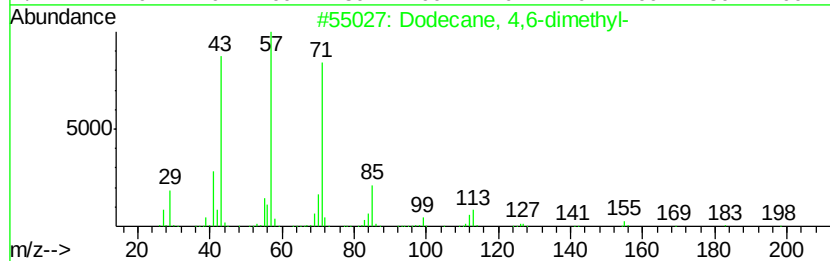
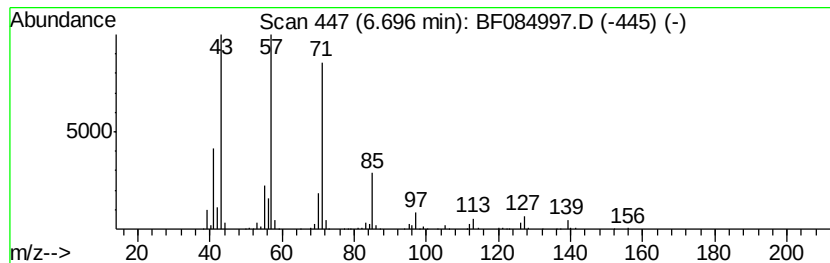
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 4,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	36.55 ng	2247950	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
5		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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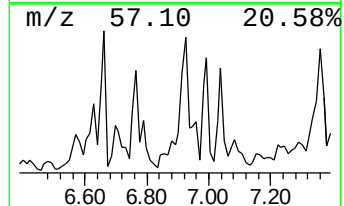
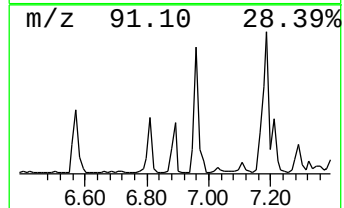
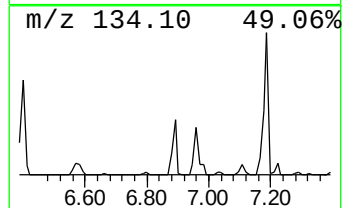
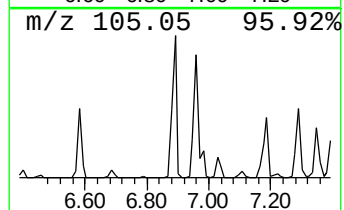
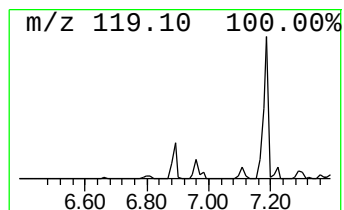
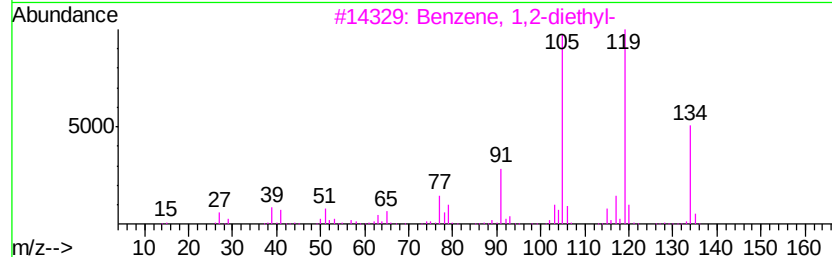
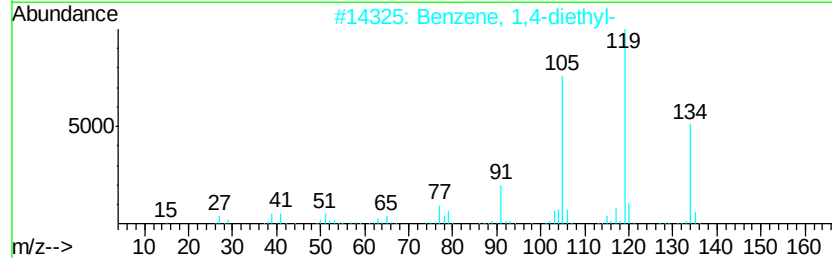
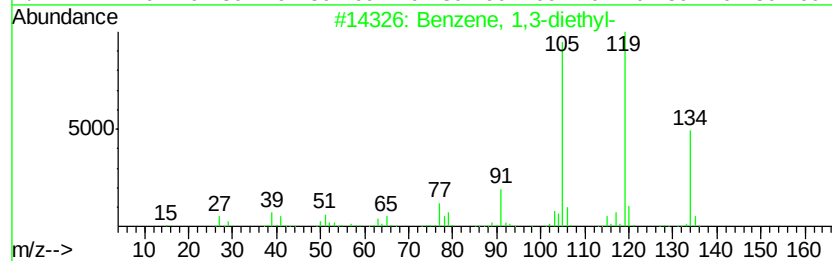
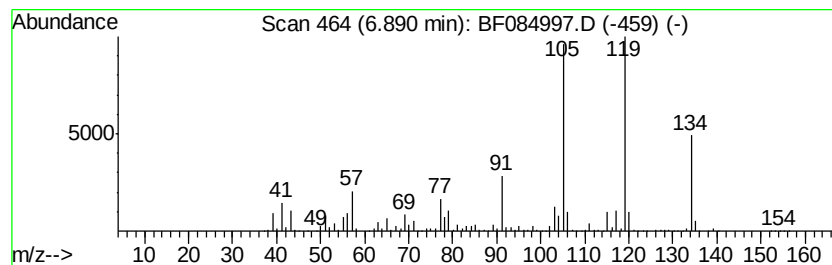
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	76.59 ng	4710740	1,4-Dichlorobenzene-d4	6.63

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	95
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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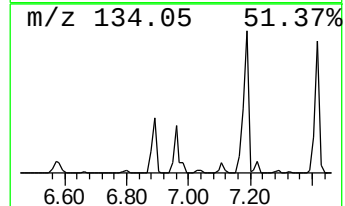
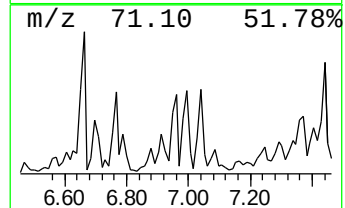
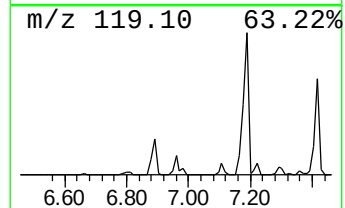
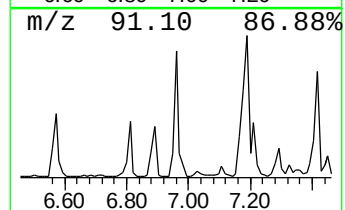
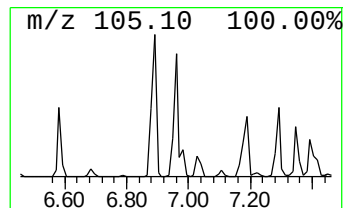
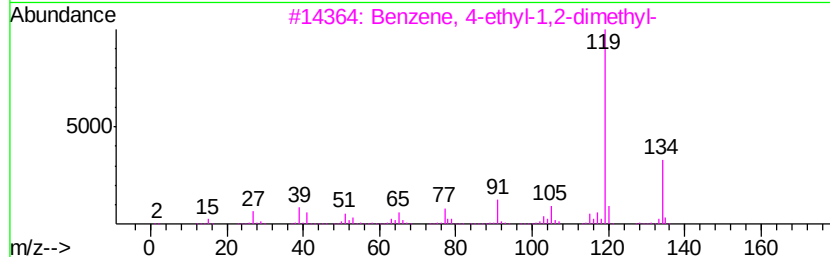
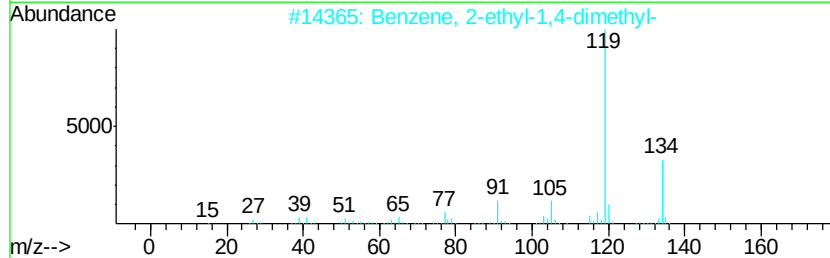
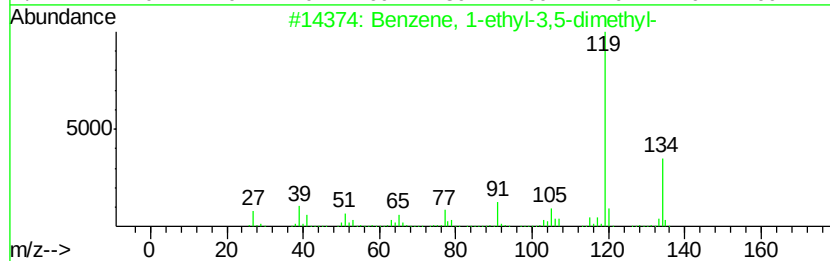
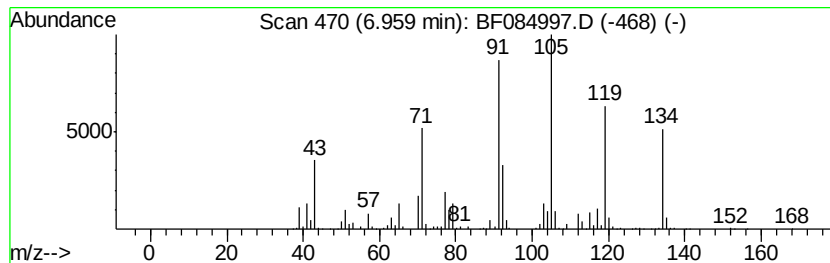
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	40.97 ng	2519970	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084997.D
Acq On : 10 Feb 2016 17:12
Operator : SJ/IZ
Sample : H1386-02RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B005(11-13)RE

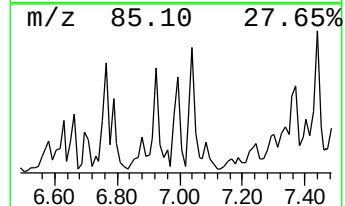
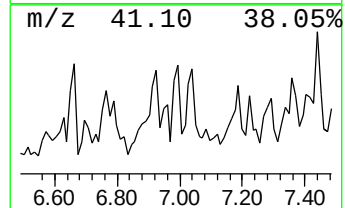
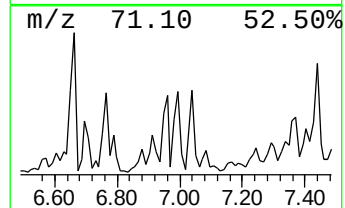
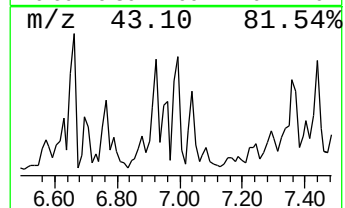
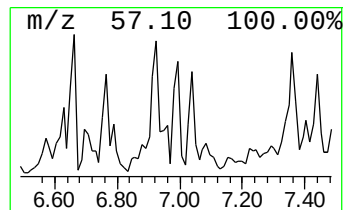
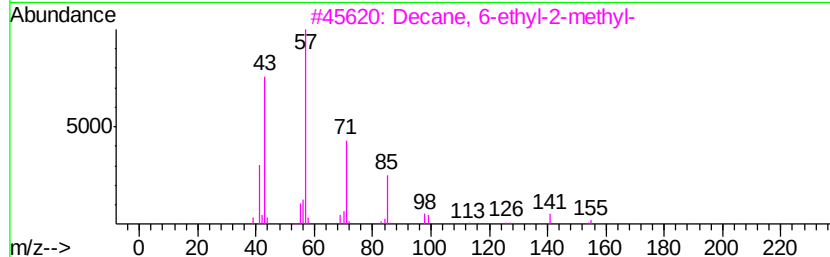
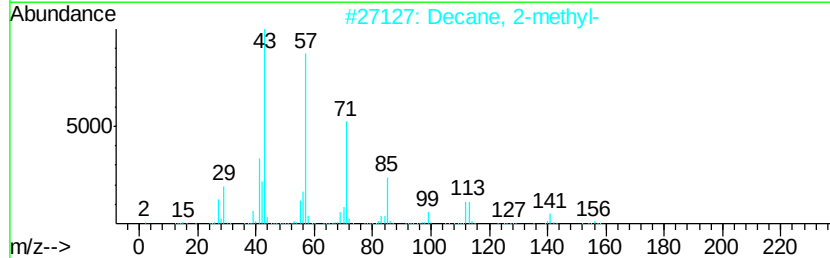
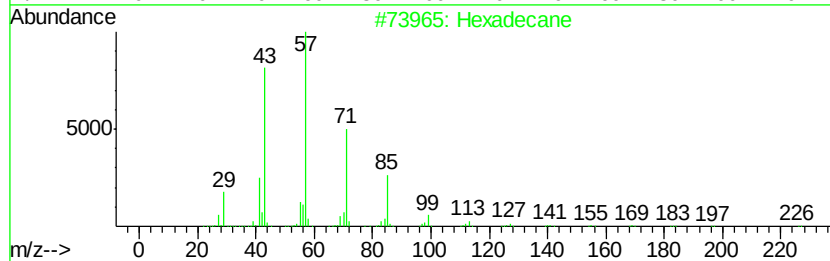
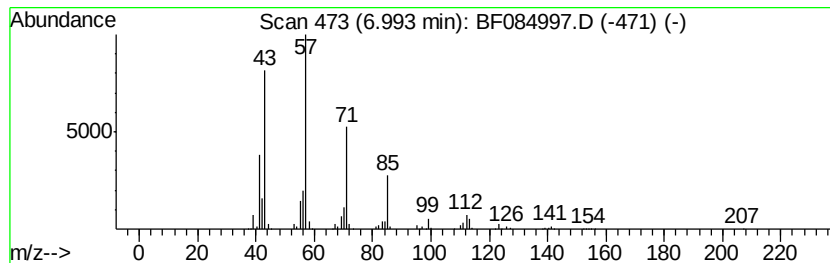
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	34.95 ng	2150000	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Decane, 2-methyl-	156	C11H24	006975-98-0	78
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
5		Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084997.D
Acq On : 10 Feb 2016 17:12
Operator : SJ/IZ
Sample : H1386-02RE
Misc :
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Instrument :
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ClientSampleId :
S4-B005(11-13)RE

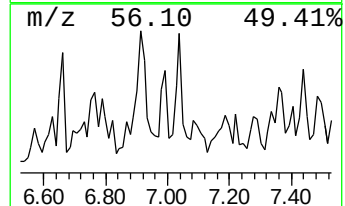
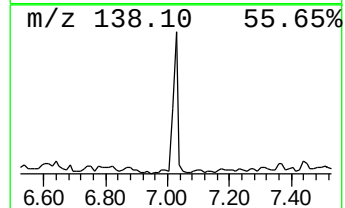
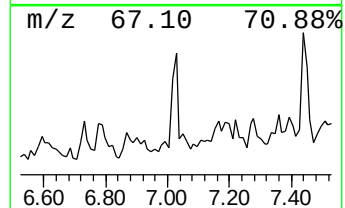
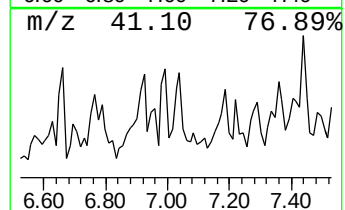
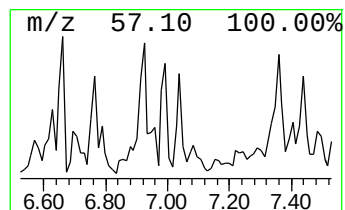
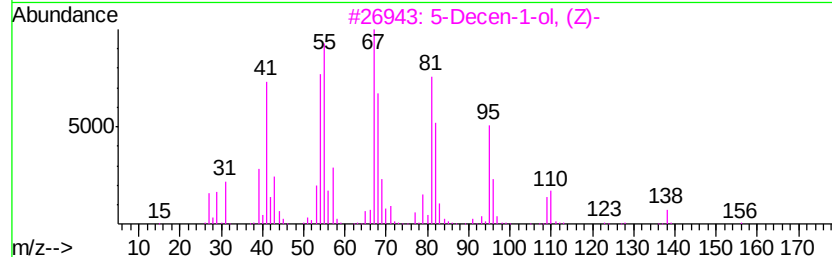
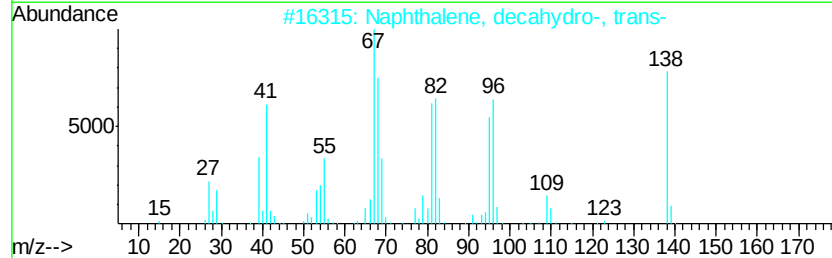
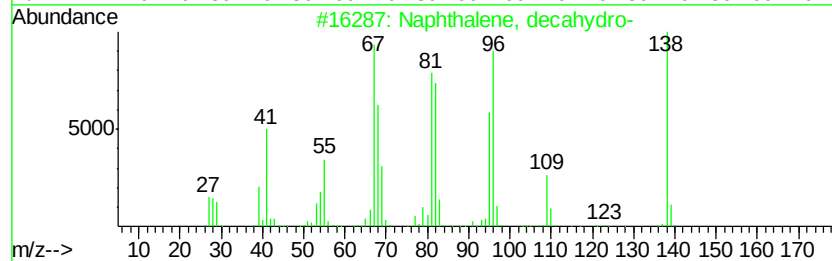
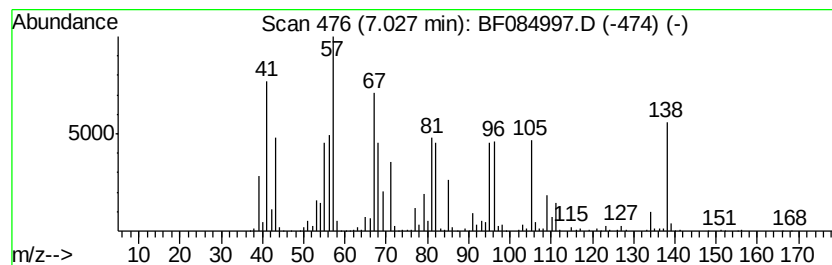
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, decahydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	44.33 ng	2726830	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	83
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	64
3		5-Decen-1-ol, (Z)-	156	C10H20O	051652-47-2	55
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	53
5		Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084997.D
Acq On : 10 Feb 2016 17:12
Operator : SJ/IZ
Sample : H1386-02RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B005(11-13)RE

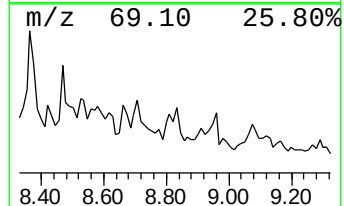
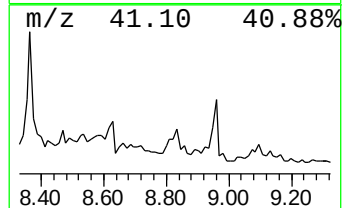
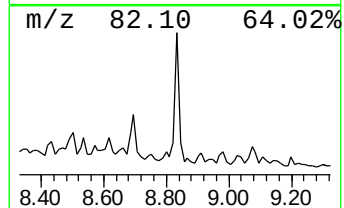
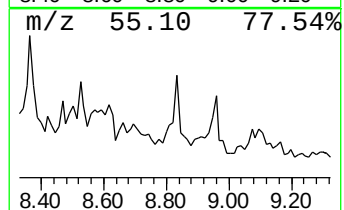
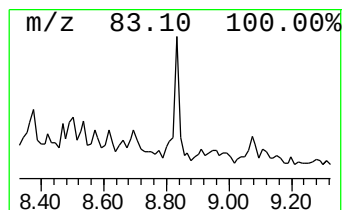
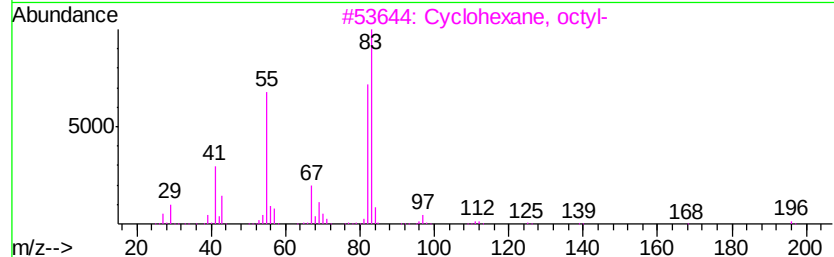
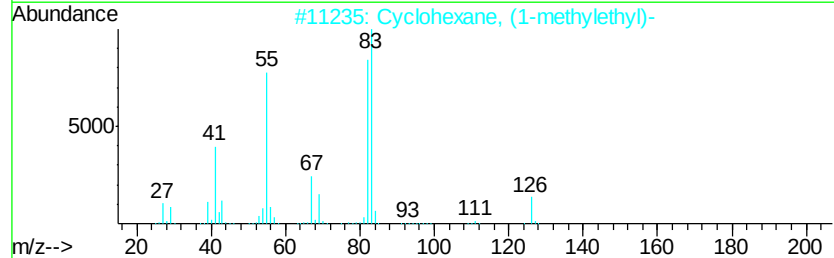
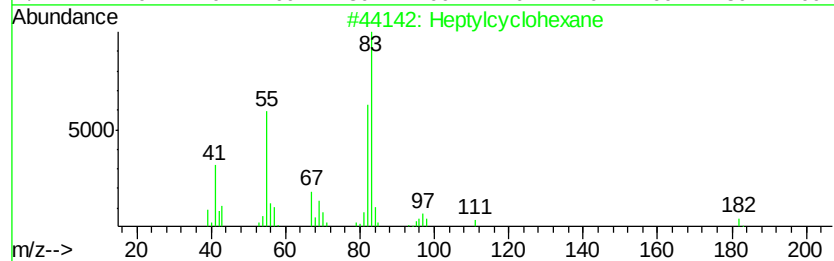
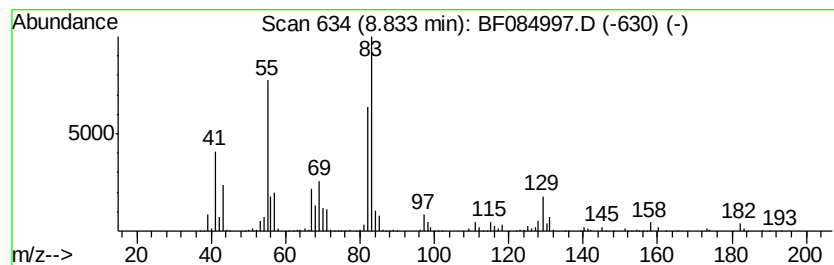
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptylcyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	58.49 ng	4421740	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	87
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084997.D
Acq On : 10 Feb 2016 17:12
Operator : SJ/IZ
Sample : H1386-02RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

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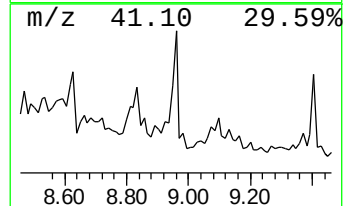
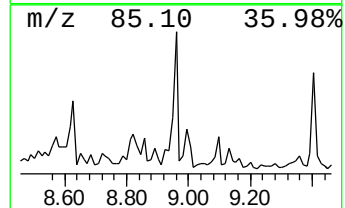
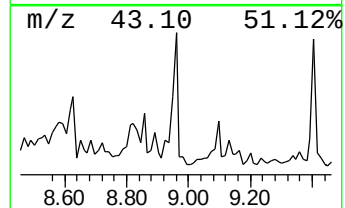
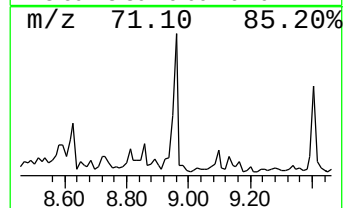
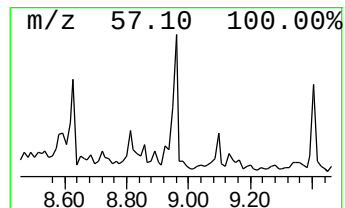
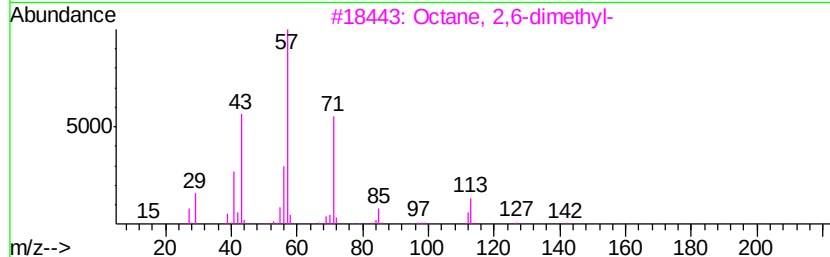
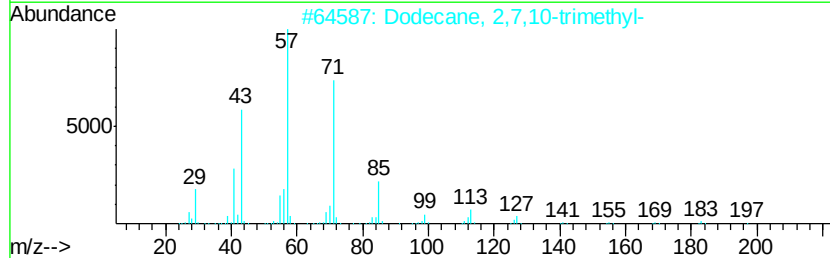
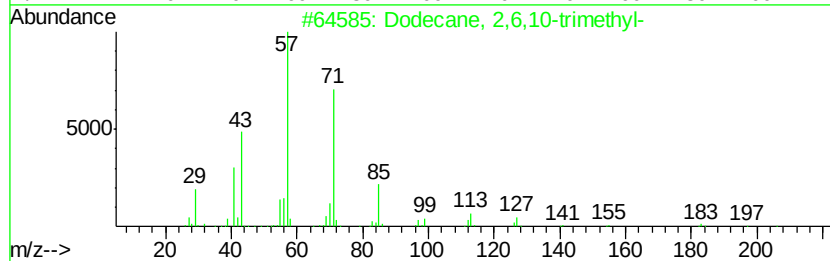
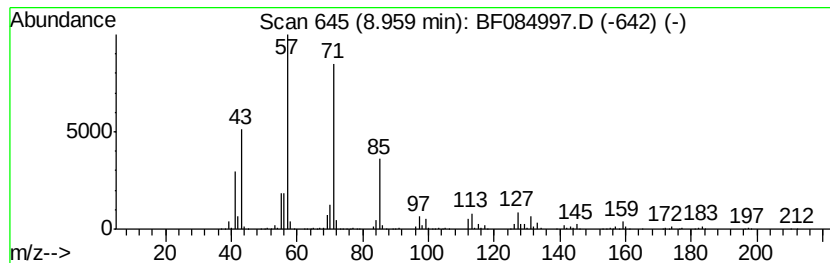
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	51.04 ng	3858730	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5		Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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Sample : H1386-02RE
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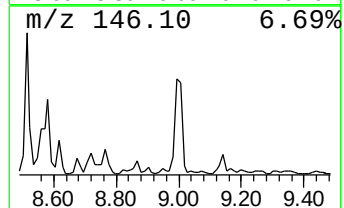
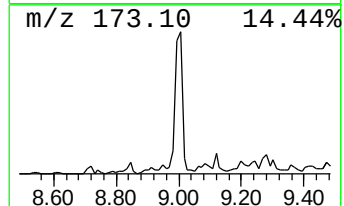
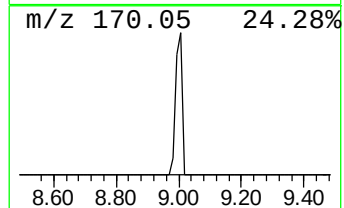
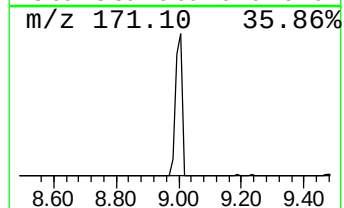
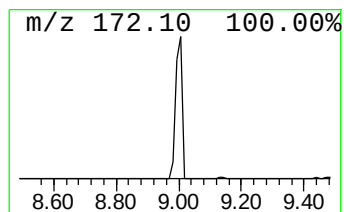
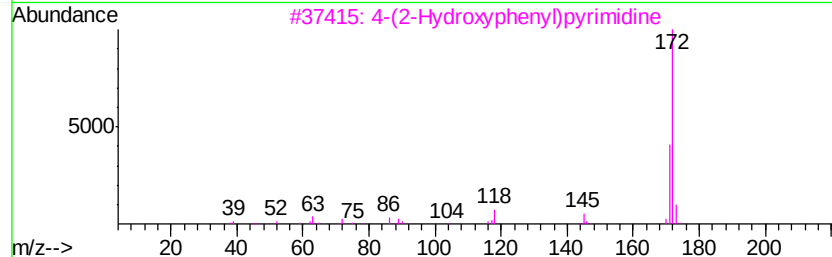
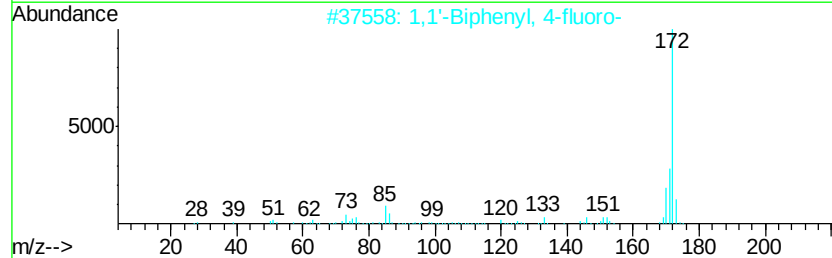
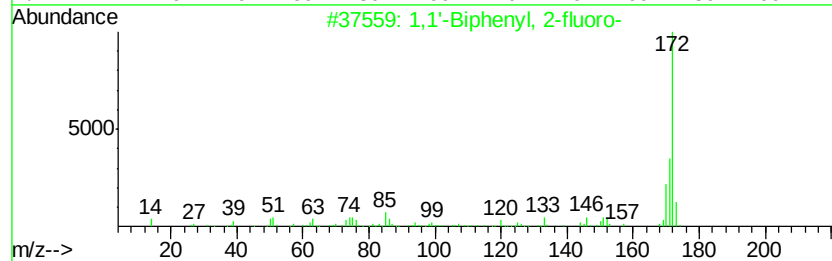
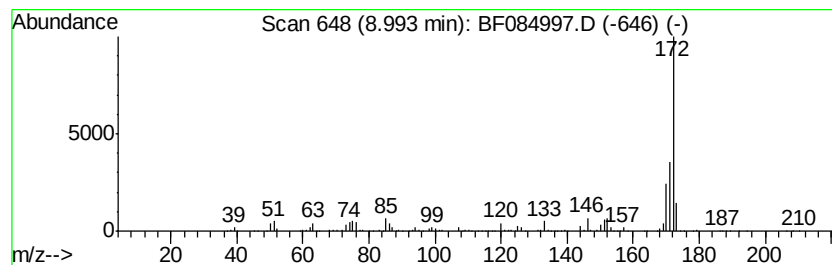
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 2-fluoro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.99	59.72 ng	4514970	Acenaphthene-d10	9.67	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	87
3	4-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	068535-55-7	53
4	5-Hydroxy-2-phenylpyrimidine	172	C10H8N2O	066739-85-3	43
5	4-Amino-6-hydroxy-2-mercapto-5-n...	172	C4H4N4O2S	001672-48-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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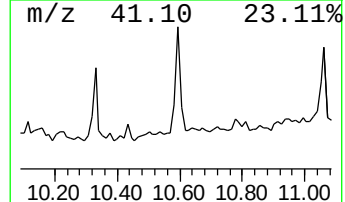
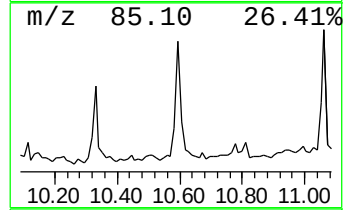
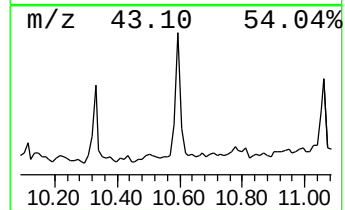
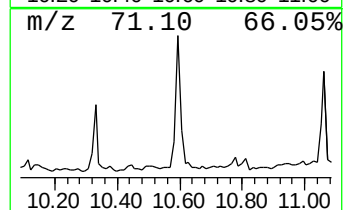
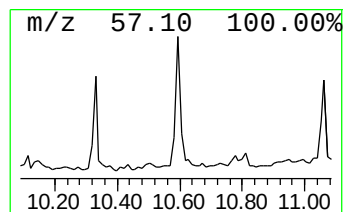
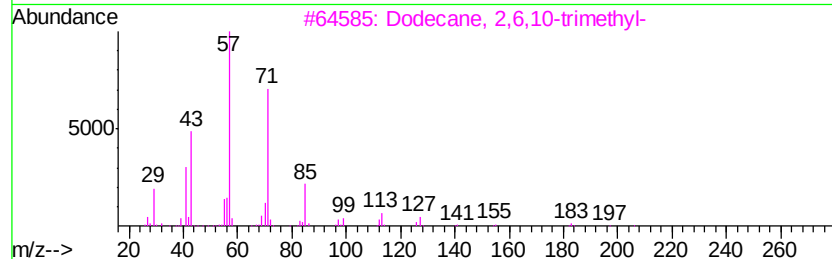
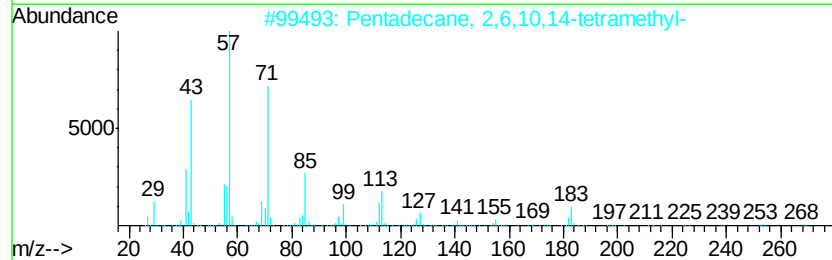
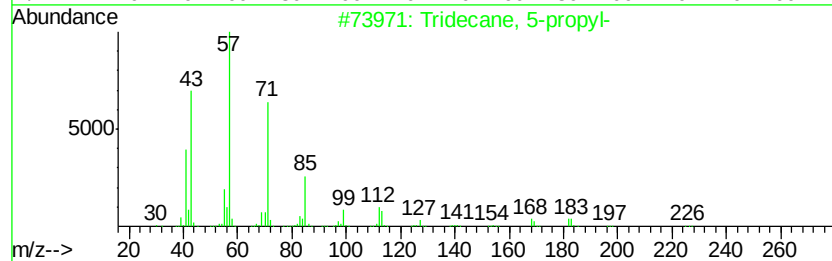
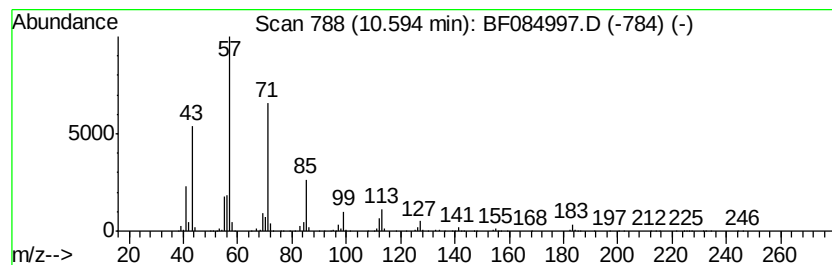
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.59	35.26 ng	1471920	Phenanthrene-d10	11.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084997.D
 Acq On : 10 Feb 2016 17:12
 Operator : SJ/IZ
 Sample : H1386-02RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 S4-B005(11-13)RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Octane, 4-methyl-	5.06	38.6	ng	2376310	1	6.63	1230160	20.0
Undecane, 2,7-dim...	5.68	28.7	ng	1765670	1	6.63	1230160	20.0
Octane, 2,5-dimet...	5.76	46.8	ng	2876440	1	6.63	1230160	20.0
Nonane, 3-methyl-	5.86	52.7	ng	3239700	1	6.63	1230160	20.0
Benzene, propyl-	6.07	62.4	ng	3835180	1	6.63	1230160	20.0
Nonane, 2-methyl-	6.16	37.7	ng	2319280	1	6.63	1230160	20.0
Dodecane, 4,6-dim...	6.70	36.5	ng	2247950	1	6.63	1230160	20.0
Benzene, 1,3-diet...	6.89	76.6	ng	4710740	1	6.63	1230160	20.0
Benzene, 1-ethyl-...	6.96	41.0	ng	2519970	1	6.63	1230160	20.0
Hexadecane	6.99	35.0	ng	2150000	1	6.63	1230160	20.0
Naphthalene, deca...	7.03	44.3	ng	2726830	1	6.63	1230160	20.0
Heptylcyclohexane	8.83	58.5	ng	4421740	3	9.67	1511940	20.0
Dodecane, 2,6,10-...	8.96	51.0	ng	3858730	3	9.67	1511940	20.0
1,1'-Biphenyl, 2-...	8.99	59.7	ng	4514970	3	9.67	1511940	20.0
Tridecane, 5-propyl-	10.59	35.3	ng	1471920	4	11.14	834881	20.0