

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085610.D
 Acq On : 20 Mar 2016 10:49
 Operator : UM/SJ
 Sample : H1815-12
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

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-BF031816.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	5.041	238	241	246	rBV2	220202	427215	12.57%	0.445%
2	5.464	275	278	280	rVB	2502439	3100441	91.20%	3.227%
3	5.613	289	291	293	rBV	81353	106386	3.13%	0.111%
4	5.864	309	313	315	rVB	172481	262437	7.72%	0.273%
5	5.921	315	318	319	rBV2	61431	116647	3.43%	0.121%
6	6.001	321	325	327	rVB	149817	201229	5.92%	0.209%
7	6.047	327	329	332	rBV3	78508	177474	5.22%	0.185%
8	6.093	332	333	337	rBV3	290179	402216	11.83%	0.419%
9	6.150	337	338	340	rBV	166037	180357	5.31%	0.188%
10	6.207	342	343	347	rVB2	75427	166468	4.90%	0.173%
11	6.287	347	350	352	rBV	245959	309058	9.09%	0.322%
12	6.356	352	356	357	rBV2	187216	330387	9.72%	0.344%
13	6.379	357	358	362	rVB2	414487	525786	15.47%	0.547%
14	6.447	362	364	365	rBV	204472	226436	6.66%	0.236%
15	6.493	365	368	370	rBV	2639869	3096614	91.08%	3.223%
16	6.527	370	371	372	rVB	157421	107991	3.18%	0.112%
17	6.619	375	379	381	rBV	2377787	3399722	100.00%	3.539%
18	6.710	383	387	389	rBV3	210544	375269	11.04%	0.391%
19	6.802	392	395	396	rBV2	122927	263083	7.74%	0.274%
20	6.870	396	401	403	rVB2	837307	1956816	57.56%	2.037%
21	6.916	403	405	406	rBV	382318	388507	11.43%	0.404%
22	6.973	406	410	411	rBV3	238259	383242	11.27%	0.399%
23	7.007	411	413	415	rBV	2106963	2464091	72.48%	2.565%
24	7.133	419	424	426	rBV2	648809	1372728	40.38%	1.429%
25	7.167	426	427	428	rVB	381846	261755	7.70%	0.272%
26	7.202	428	430	432	rBV	403517	354179	10.42%	0.369%
27	7.247	432	434	436	rBV	928982	864554	25.43%	0.900%
28	7.327	440	441	444	rBV3	109017	224251	6.60%	0.233%
29	7.419	444	449	454	rBV2	1726918	3147603	92.58%	3.276%
30	7.499	454	456	458	rVB2	574882	996398	29.31%	1.037%
31	7.579	458	463	465	rBV4	485075	1585122	46.63%	1.650%
32	7.613	465	466	467	rBV	177872	131220	3.86%	0.137%
33	7.670	467	471	472	rVB3	919977	1655160	48.69%	1.723%
34	7.693	472	473	475	rVB2	117668	106086	3.12%	0.110%

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35	7.785	475	481	483	rBV6	843323	2154127	63.36%	2.242%
36	7.830	483	485	486	rVB	826346	856072	25.18%	0.891%
37	7.864	486	488	491	rBV3	662596	1315799	38.70%	1.370%
38	7.945	493	495	496	rBV2	399528	587961	17.29%	0.612%
39	7.979	496	498	499	rVB2	472985	616654	18.14%	0.642%
40	8.013	499	501	503	rBV2	429099	518074	15.24%	0.539%
41	8.047	503	504	506	rVB	665641	500443	14.72%	0.521%
42	8.105	506	509	510	rBV3	531399	1182428	34.78%	1.231%
43	8.139	510	512	514	rBV2	1034431	1335748	39.29%	1.390%
44	8.207	516	518	519	rVB2	1161851	1275594	37.52%	1.328%
45	8.242	519	521	524	rVB4	538545	1037270	30.51%	1.080%
46	8.322	524	528	529	rBV3	602158	1333642	39.23%	1.388%
47	8.345	529	530	532	rVB2	761315	693412	20.40%	0.722%
48	8.390	532	534	536	rBV2	409360	545292	16.04%	0.568%
49	8.436	536	538	542	rBV5	1207926	2073496	60.99%	2.158%
50	8.493	542	543	545	rVB2	761670	556181	16.36%	0.579%
51	8.527	545	546	548	rBV2	534573	525741	15.46%	0.547%
52	8.573	548	550	555	rVB3	1358389	2350799	69.15%	2.447%
53	8.653	555	557	558	rBV	1071649	1094207	32.19%	1.139%
54	8.687	558	560	561	rBV2	536158	681524	20.05%	0.709%
55	8.745	563	565	566	rBV	442759	757239	22.27%	0.788%
56	8.836	571	573	576	rVB3	964640	1262424	37.13%	1.314%
57	8.905	576	579	581	rBV4	325074	849470	24.99%	0.884%
58	8.973	582	585	587	rBV2	1189267	1316906	38.74%	1.371%
59	9.087	594	595	598	rVB3	555084	908592	26.73%	0.946%
60	9.168	600	602	605	rVV3	1178434	1806533	53.14%	1.880%
61	9.225	605	607	609	rVB	2108923	2155248	63.39%	2.243%
62	9.259	609	610	612	rVB2	548992	384199	11.30%	0.400%
63	9.305	612	614	616	rBV3	687935	1328992	39.09%	1.383%
64	9.373	616	620	623	rVB3	1058068	1897707	55.82%	1.975%
65	9.476	627	629	632	rVB4	441367	858895	25.26%	0.894%
66	9.533	632	634	637	rBV4	700634	1320980	38.86%	1.375%
67	9.579	637	638	639	rVB	353302	242189	7.12%	0.252%
68	9.625	639	642	643	rBV2	1518757	2018604	59.38%	2.101%
69	9.773	653	655	657	rBV3	536456	1069291	31.45%	1.113%
70	9.808	657	658	660	rVV2	758751	1078556	31.72%	1.123%
71	9.899	664	666	670	rVV3	1352562	2839236	83.51%	2.955%

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72	9.968	670	672	674	rVV2	785487	1239295	36.45%	1.290%
73	10.013	674	676	677	rVB2	361320	503893	14.82%	0.524%
74	10.162	687	689	692	rVB3	830068	1275716	37.52%	1.328%
75	10.219	692	694	697	rBV3	699887	1502255	44.19%	1.564%
76	10.276	697	699	701	rVB3	510012	656845	19.32%	0.684%
77	10.562	721	724	726	rVB	1264314	1692254	49.78%	1.761%
78	10.688	733	735	737	rVB2	712463	863647	25.40%	0.899%
79	10.825	744	747	750	rVB	2012504	2430932	71.50%	2.530%
80	11.031	763	765	767	rVB2	445636	574764	16.91%	0.598%
81	11.145	773	775	776	rBV2	323917	390066	11.47%	0.406%
82	11.282	785	787	790	rVB	1522038	2163752	63.64%	2.252%
83	11.385	794	796	800	rBV2	918114	1363952	40.12%	1.420%
84	11.636	816	818	823	rVB2	629974	875593	25.75%	0.911%
85	12.368	880	882	884	rVB	321076	438305	12.89%	0.456%
86	12.596	900	902	904	rVB	643455	607509	17.87%	0.632%
87	12.631	904	905	908	rVB2	225950	278031	8.18%	0.289%
88	12.814	919	921	925	rVB	360104	604408	17.78%	0.629%
89	12.962	932	934	937	rVB	1868259	1898559	55.84%	1.976%
90	13.865	1011	1013	1018	rVB	198064	332848	9.79%	0.346%
91	14.014	1023	1026	1027	rBV2	824034	1004199	29.54%	1.045%
92	14.482	1065	1067	1071	rVB2	92072	141125	4.15%	0.147%
93	15.031	1113	1115	1119	rBV	188867	354849	10.44%	0.369%
94	15.317	1138	1140	1143	rVV	113199	145392	4.28%	0.151%
95	15.374	1143	1145	1148	rVB	158495	227487	6.69%	0.237%
96	15.442	1148	1151	1157	rVB	500267	750209	22.07%	0.781%
97	16.837	1270	1273	1277	rBV2	64178	163252	4.80%	0.170%
98	17.591	1337	1339	1343	rVB	91885	193911	5.70%	0.202%
99	17.843	1358	1361	1365	rBV2	46888	139270	4.10%	0.145%
100	17.923	1365	1368	1373	rVB3	83651	267722	7.87%	0.279%

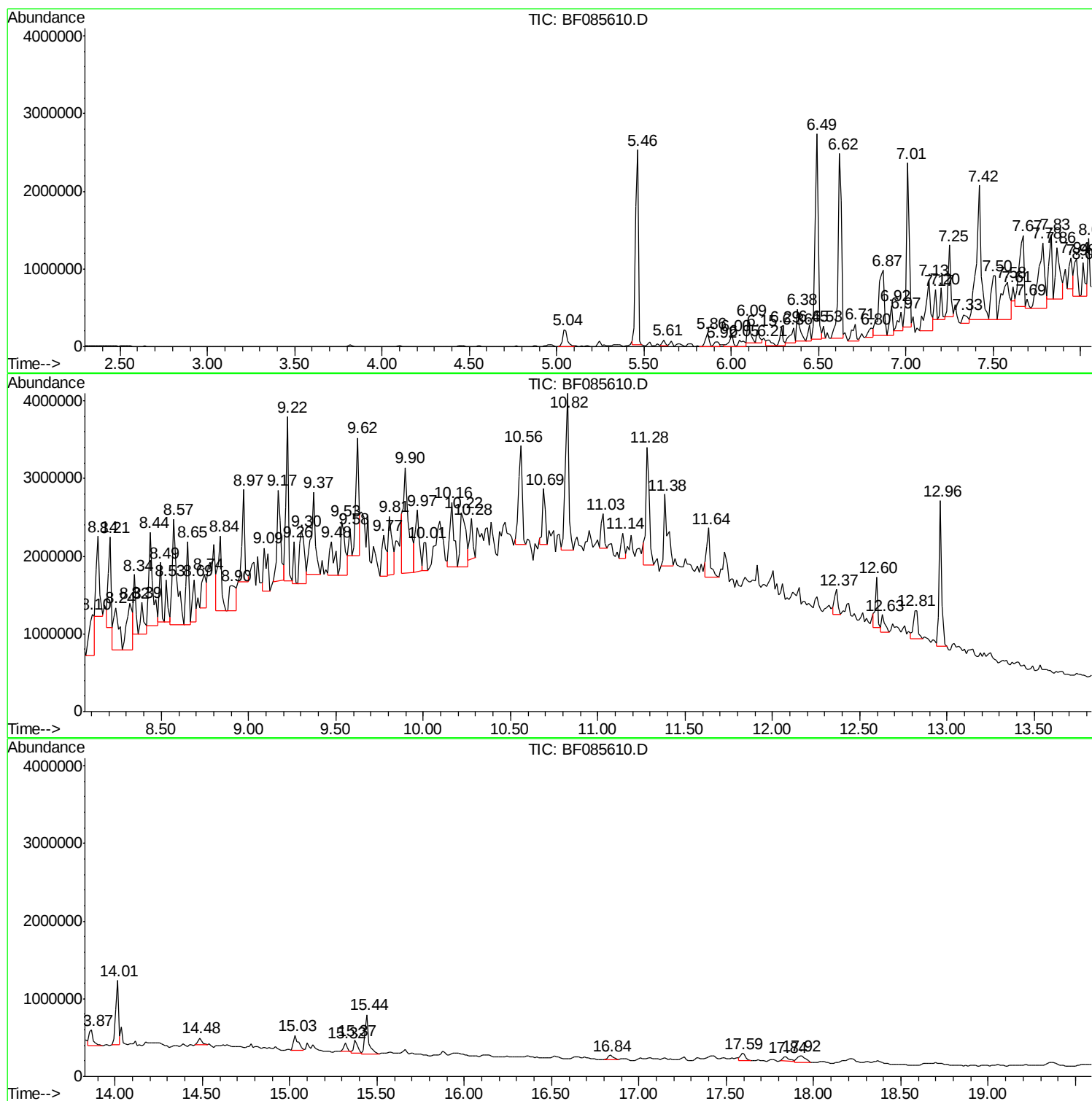
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TIC Library : C:\DATABASE\NIST02.L
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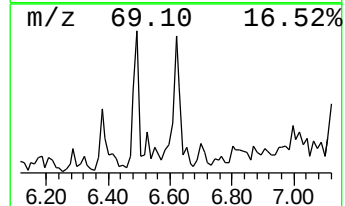
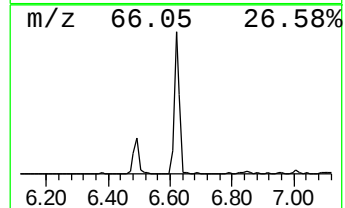
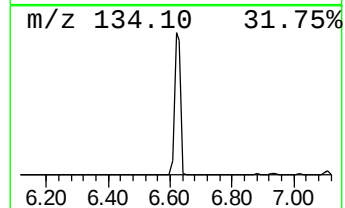
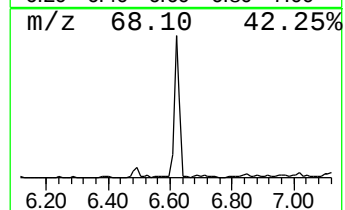
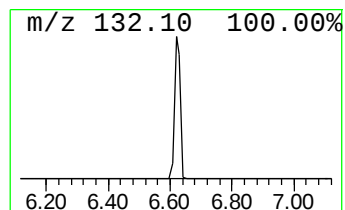
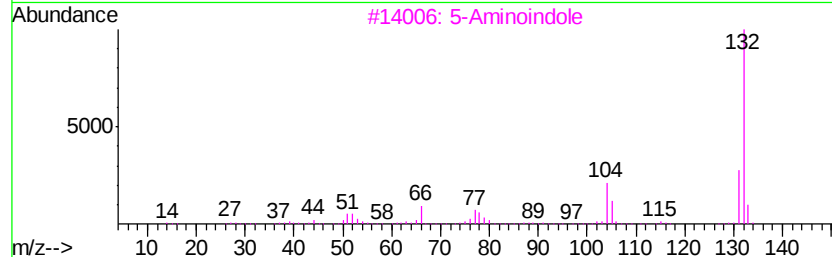
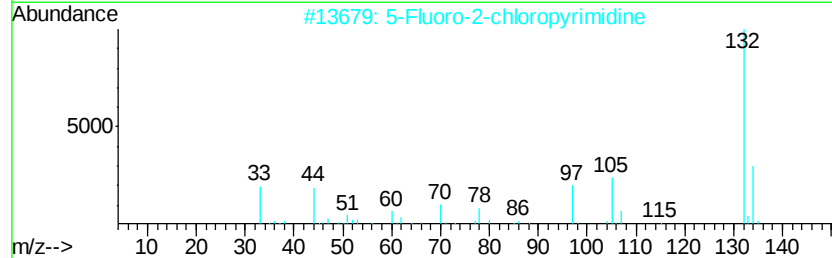
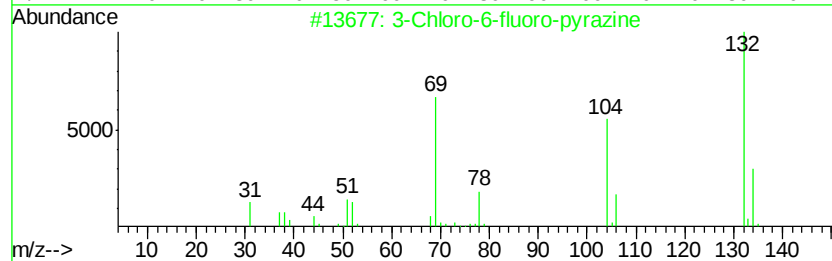
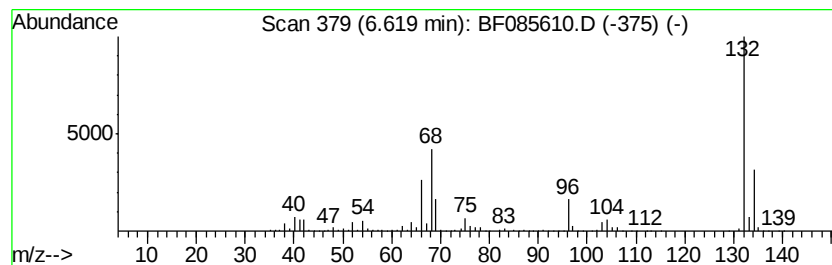
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	34.75 ng	3399720	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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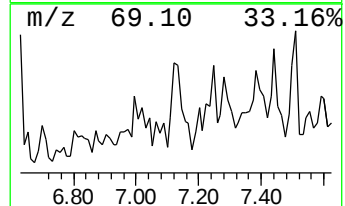
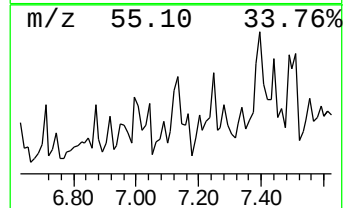
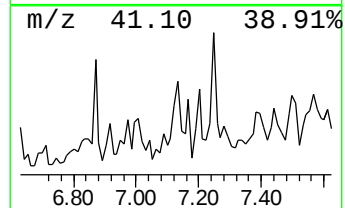
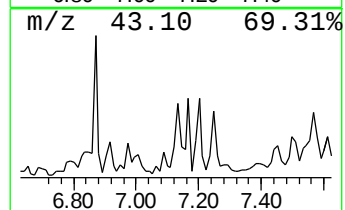
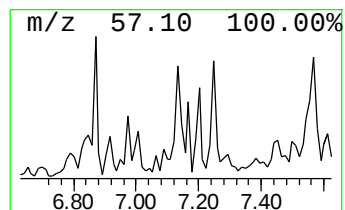
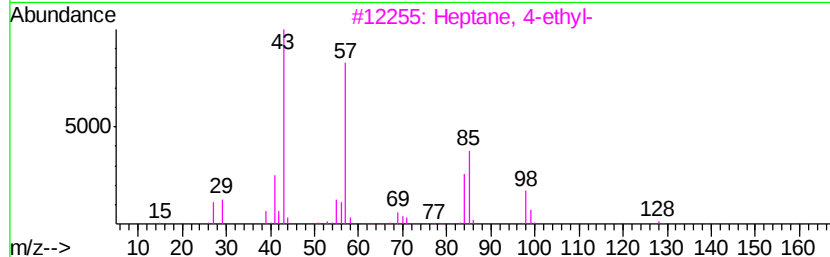
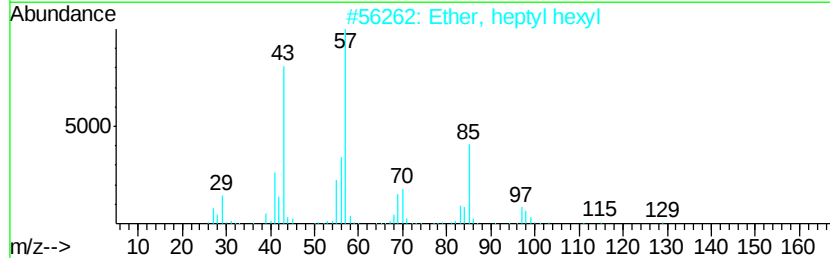
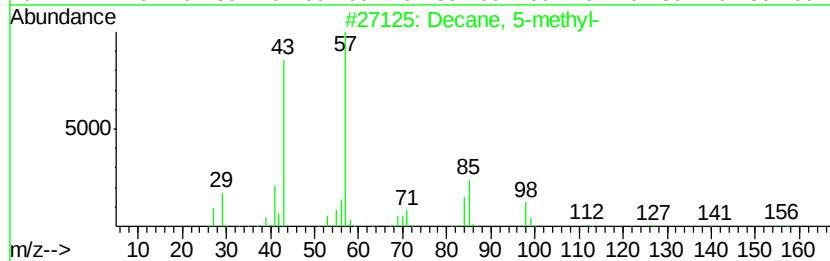
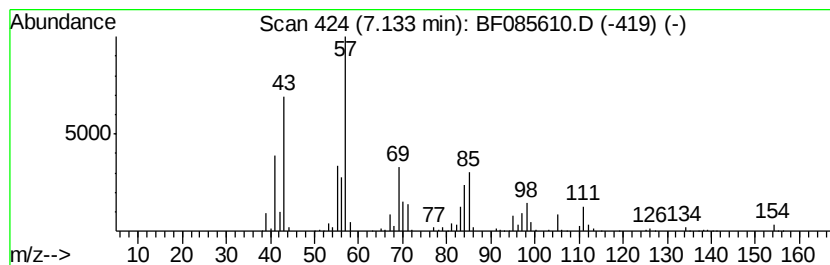
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	14.03 ng	1372730	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	50
2		Ether, heptyl hexyl	200	C13H28O	007289-40-9	50
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
4		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
5		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	43



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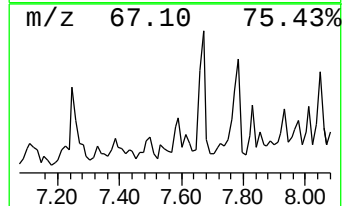
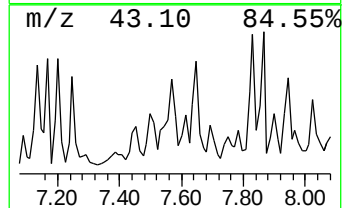
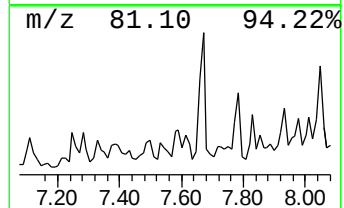
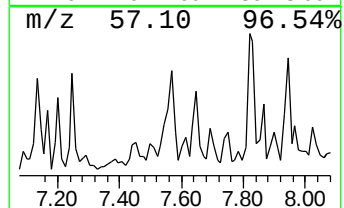
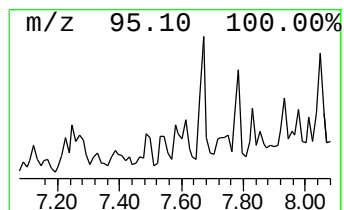
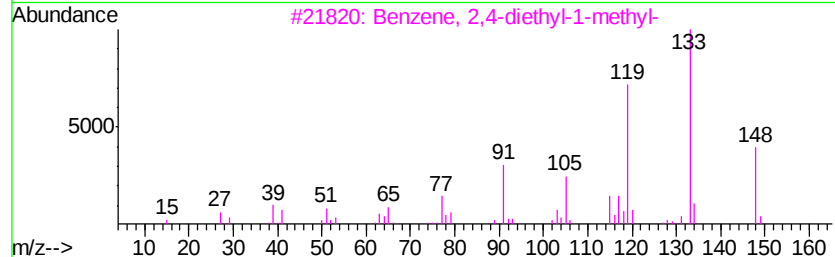
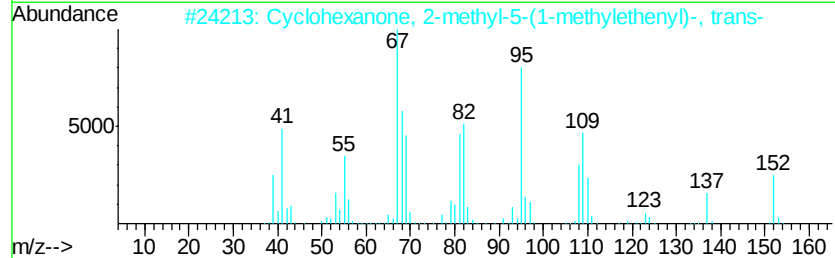
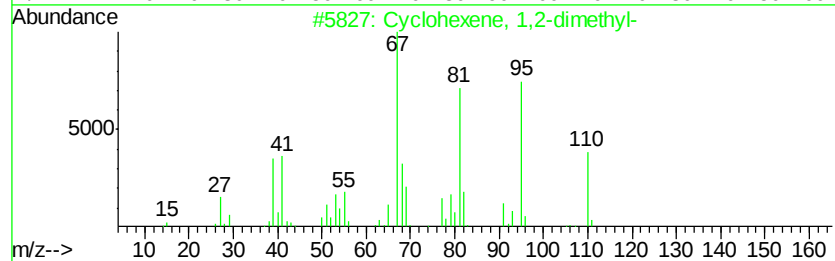
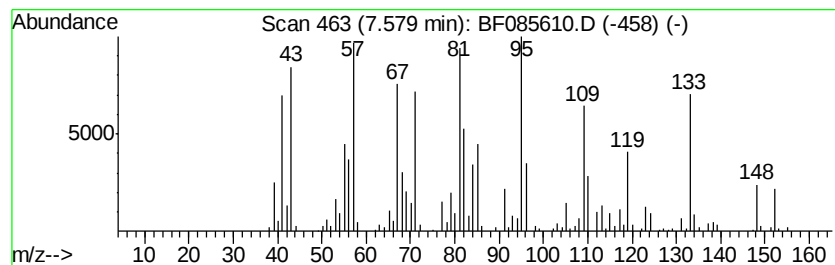
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Peak Number 4 Cyclohexene, 1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	23.73 ng	1585120	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	55
2		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	55
3		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	53
4		Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	53
5		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	45



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Data File : BF085610.D
Acq On : 20 Mar 2016 10:49
Operator : UM/SJ
Sample : H1815-12
Misc :
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ClientSampleId :
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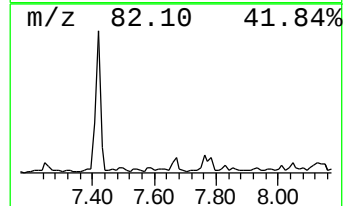
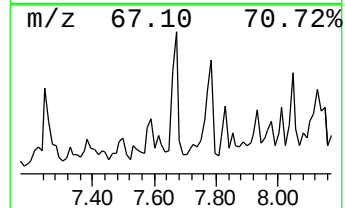
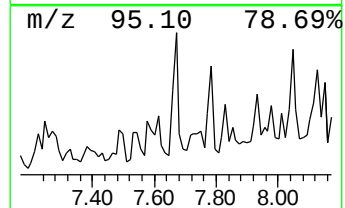
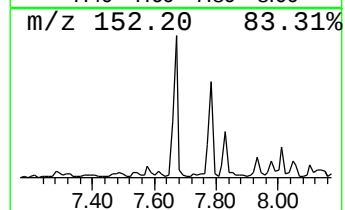
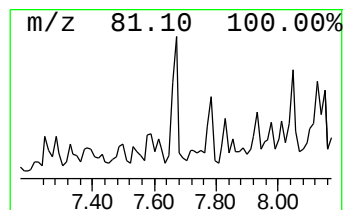
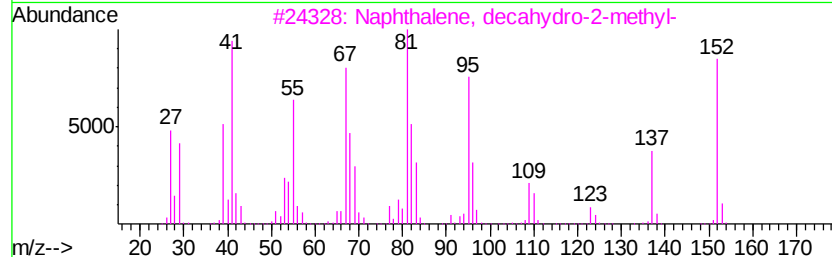
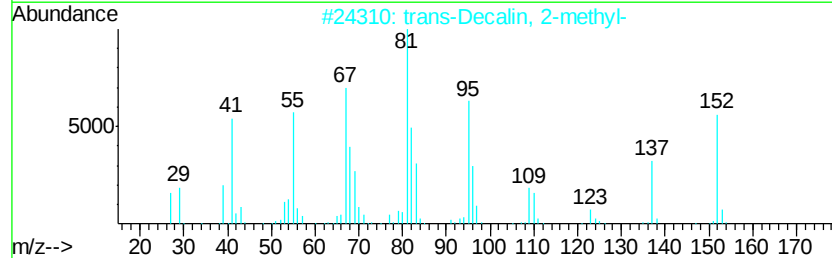
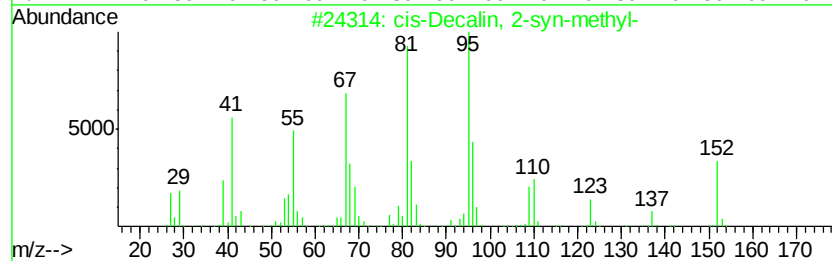
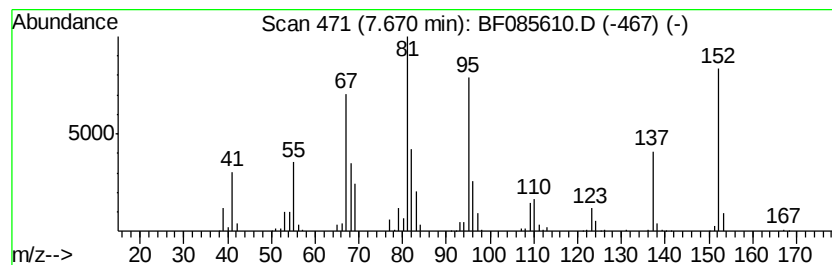
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 cis-Decalin, 2-syn-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	24.78 ng	1655160	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	94
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
4		Pulegone	152	C10H16O	000089-82-7	68
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085610.D
Acq On : 20 Mar 2016 10:49
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ClientSampleId :
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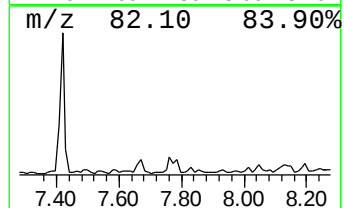
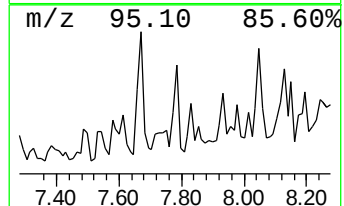
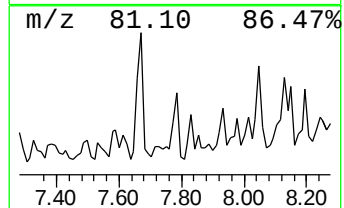
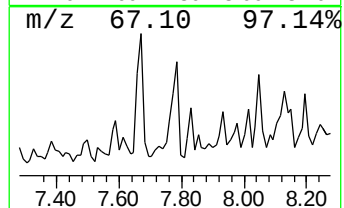
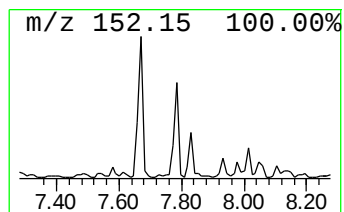
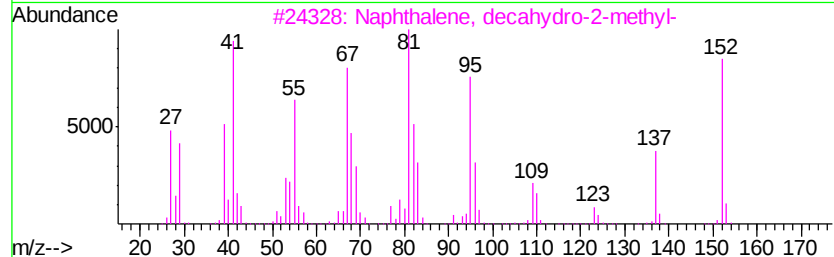
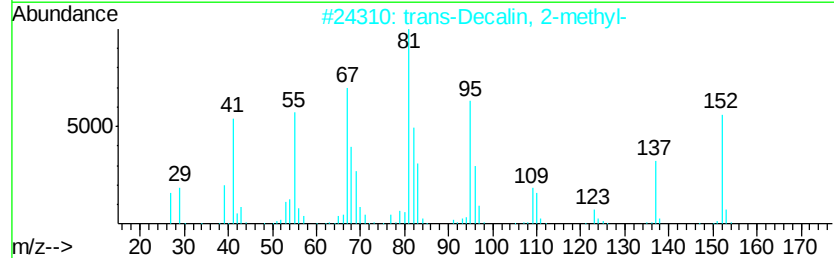
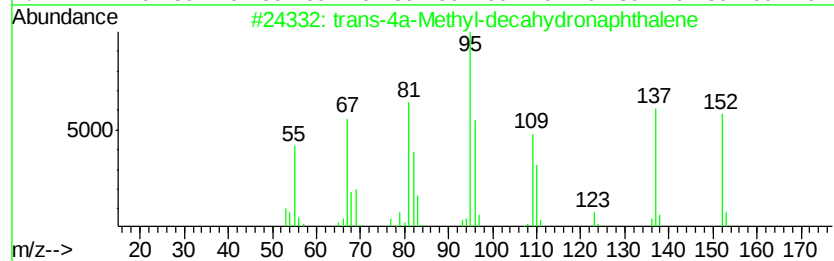
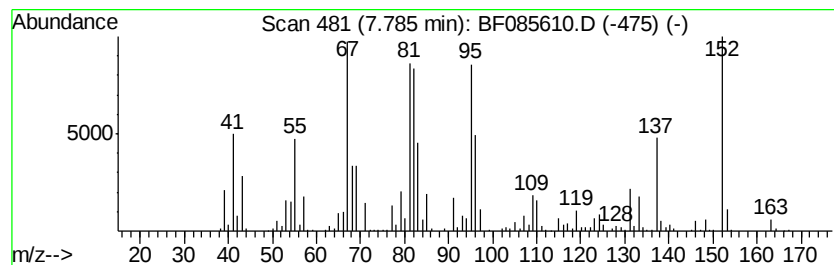
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 trans-4a-Methyl-decahydrona... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	32.25 ng	2154130	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	58
5		9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085610.D
Acq On : 20 Mar 2016 10:49
Operator : UM/SJ
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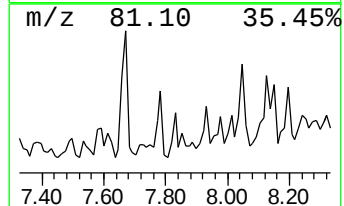
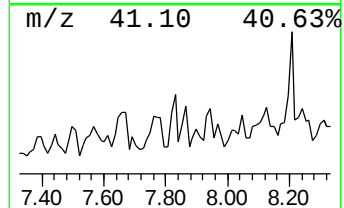
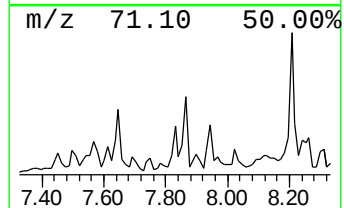
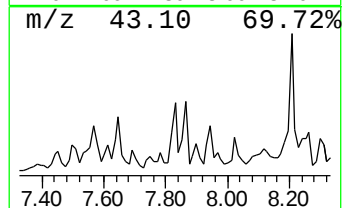
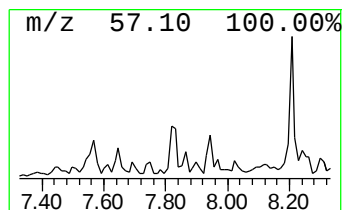
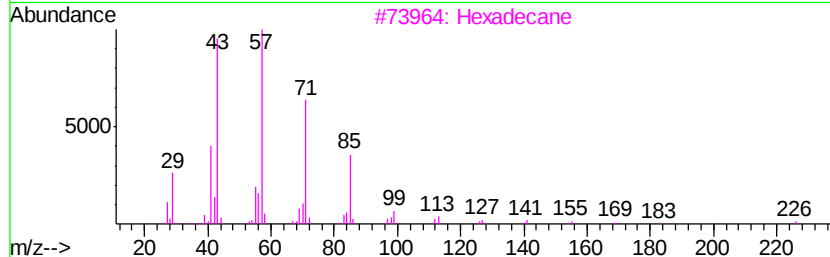
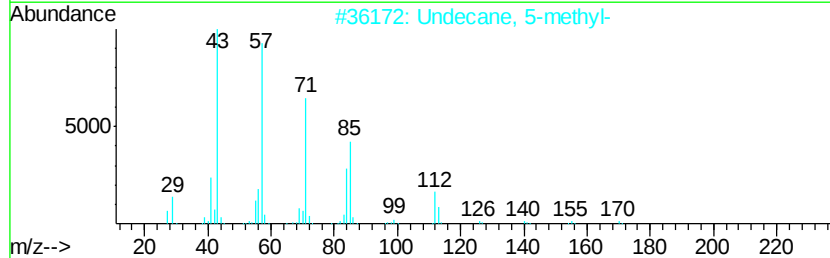
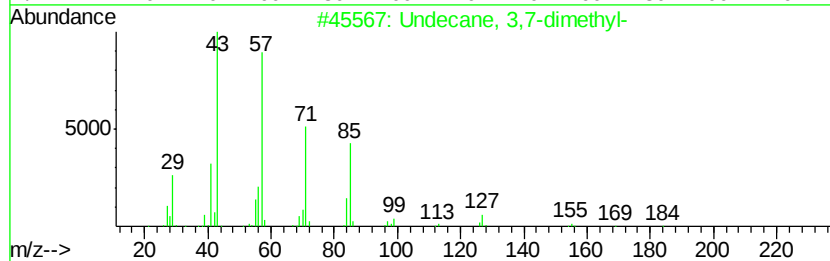
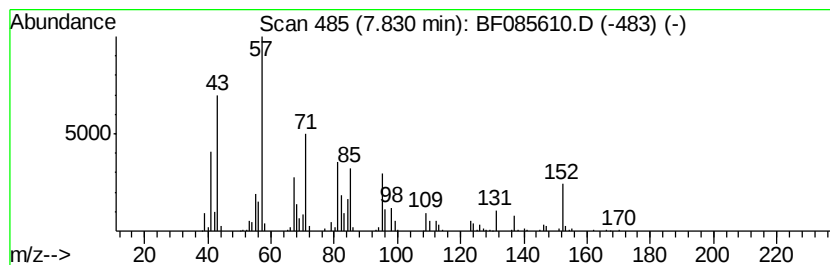
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.83 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	12.82 ng	856072	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	27
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	27
3		Hexadecane	226	C16H34	000544-76-3	27
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	27
5		Tetradecane	198	C14H30	000629-59-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085610.D
Acq On : 20 Mar 2016 10:49
Operator : UM/SJ
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Misc :
ALS Vial : 68 Sample Multiplier: 1

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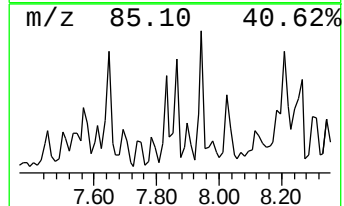
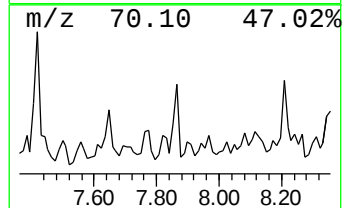
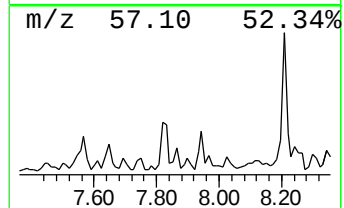
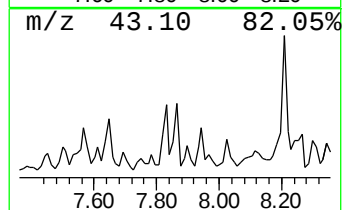
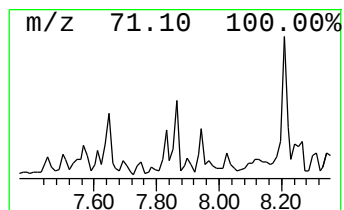
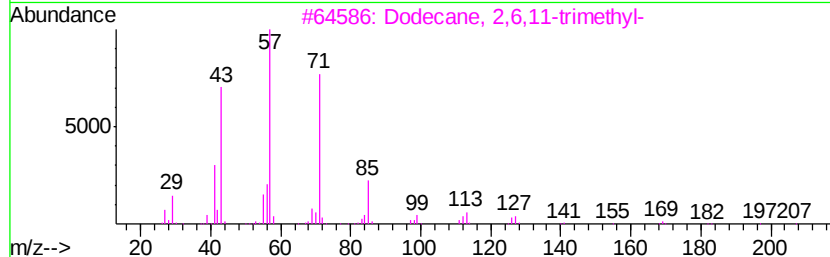
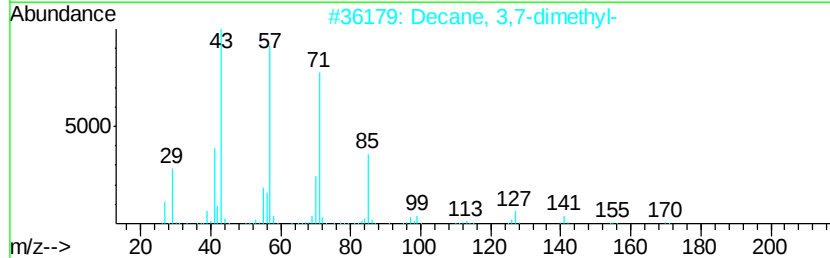
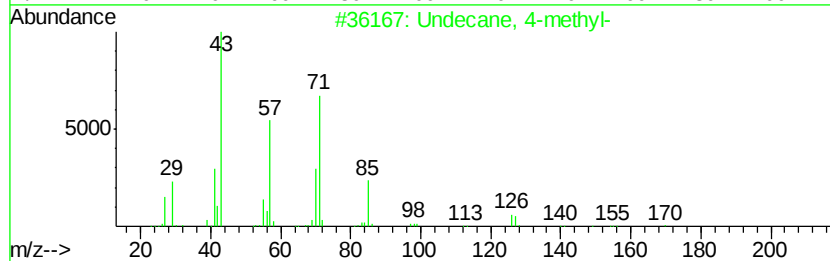
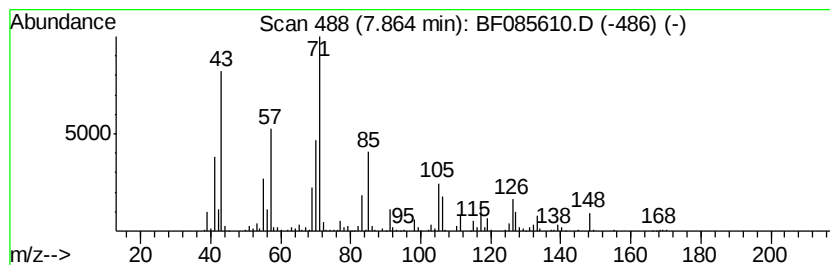
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	19.70 ng	1315800	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-methyl-	170	C12H26	002980-69-0	64
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
4		Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	38
5		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085610.D
Acq On : 20 Mar 2016 10:49
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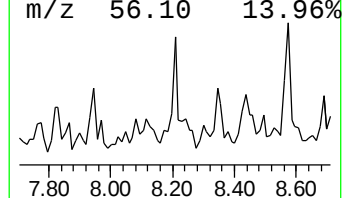
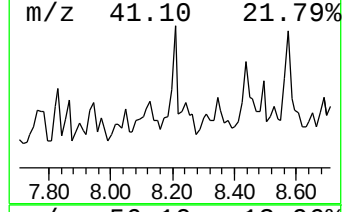
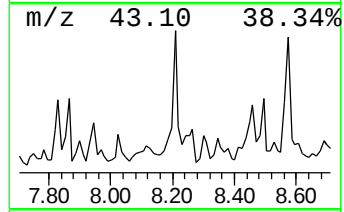
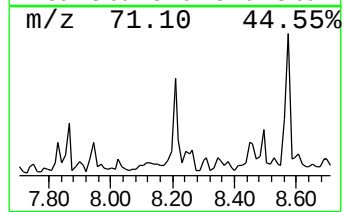
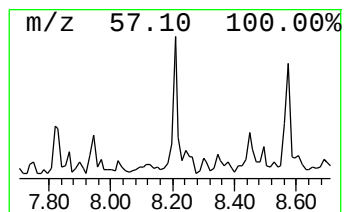
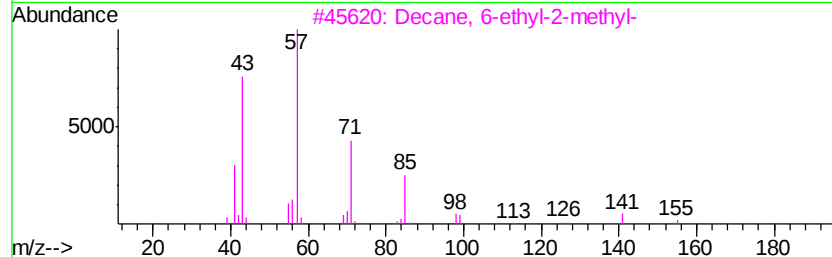
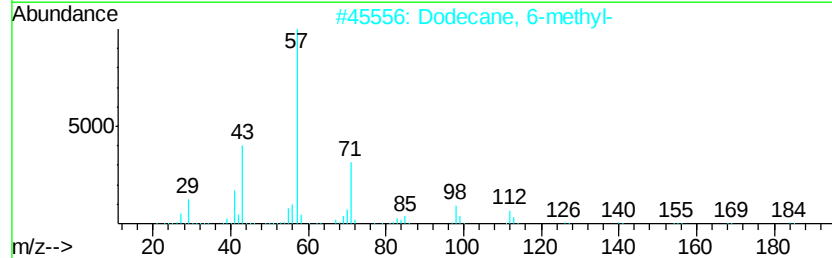
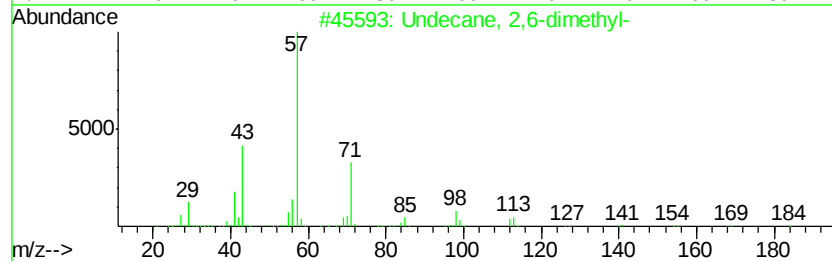
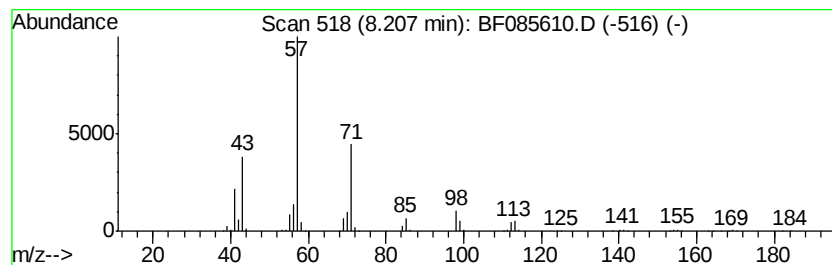
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	19.10 ng	1275590	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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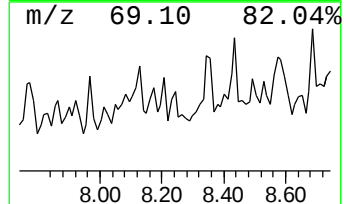
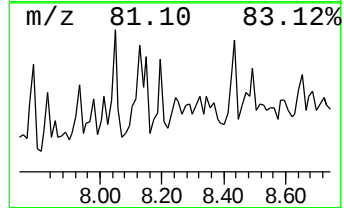
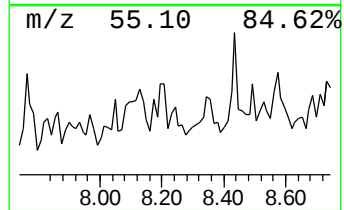
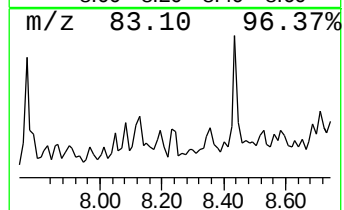
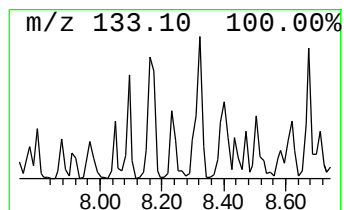
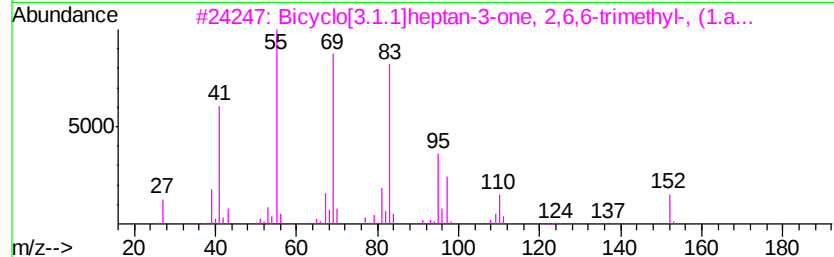
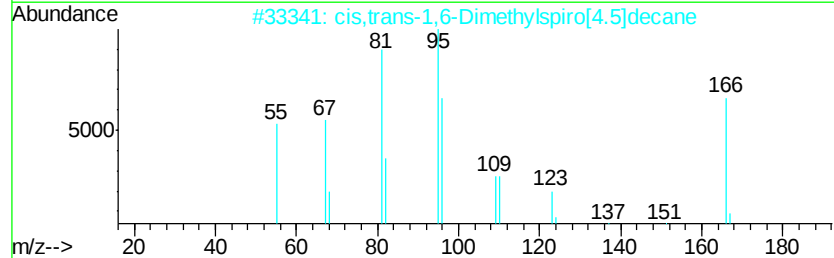
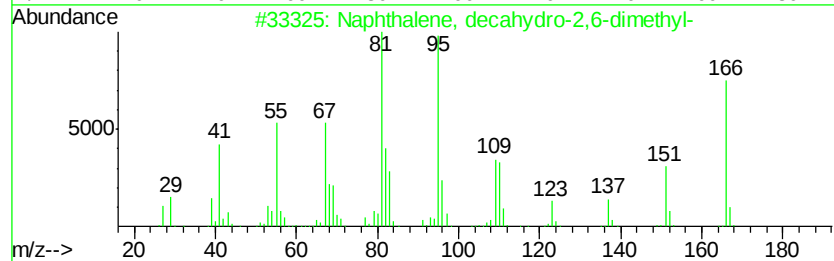
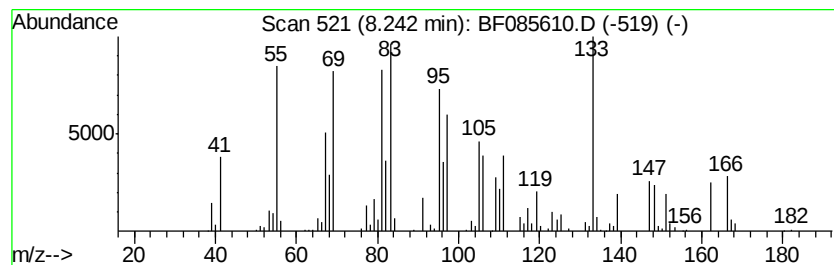
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, decahydro-2,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	15.53 ng	1037270	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	51
2		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	35
3		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27
4		Bicyclo[4.1.0]heptane, 7-pentyl-	166	C12H22	041977-45-1	22
5		1-Cyclohexylheptene	180	C13H24	114614-83-4	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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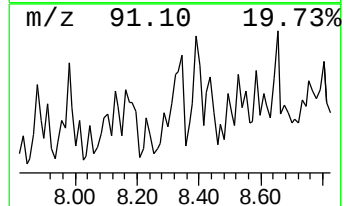
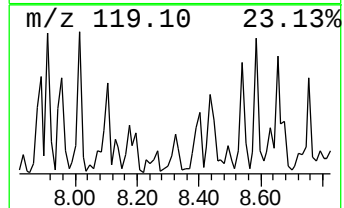
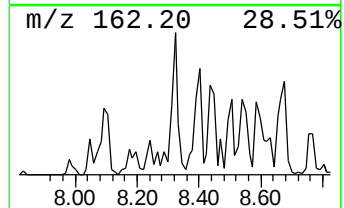
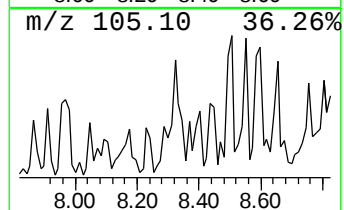
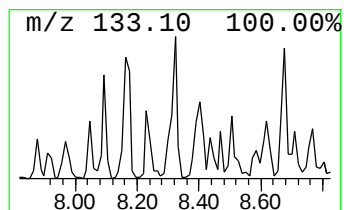
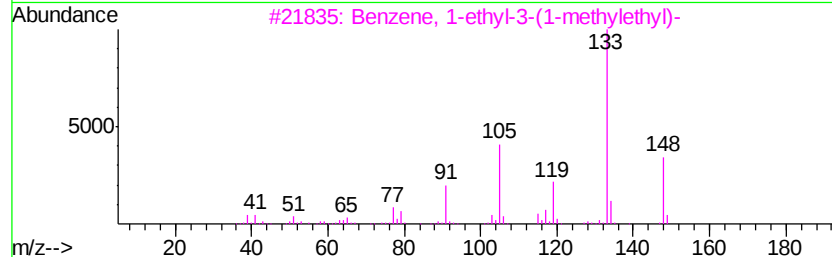
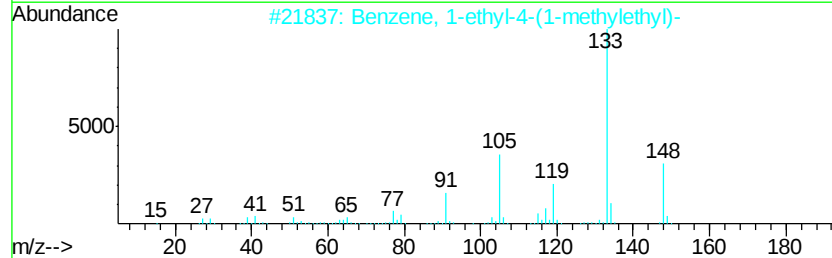
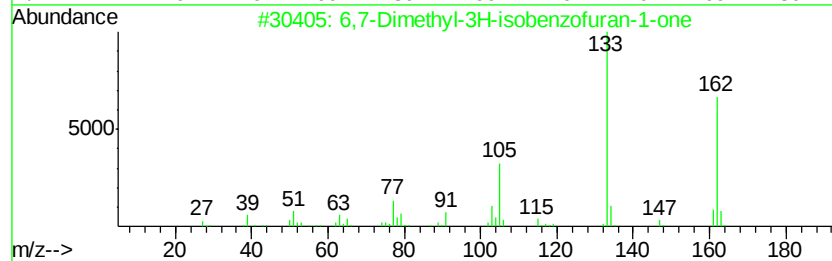
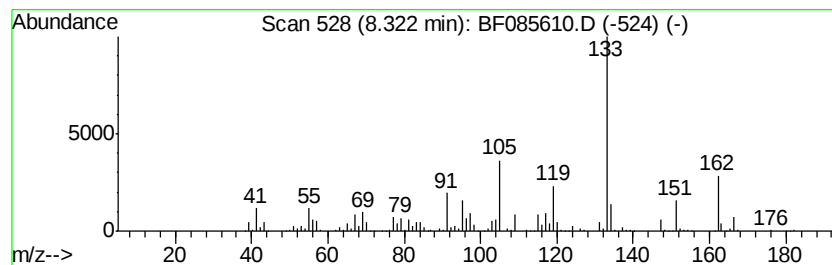
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 6,7-Dimethyl-3H-isobenzofur... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	19.97 ng	1333640	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6,7-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	343852-50-6	53
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
3		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
4		Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	50
5		1-Propanone, 2-chloro-1-(2,4-dim...	210	C12H15ClO	054965-53-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085610.D
Acq On : 20 Mar 2016 10:49
Operator : UM/SJ
Sample : H1815-12
Misc :
ALS Vial : 68 Sample Multiplier: 1

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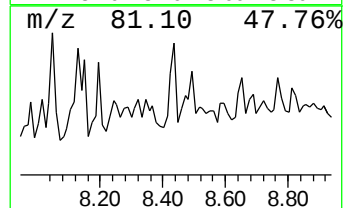
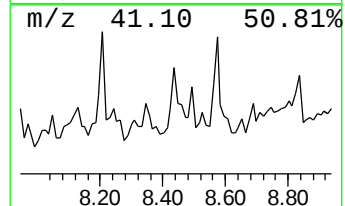
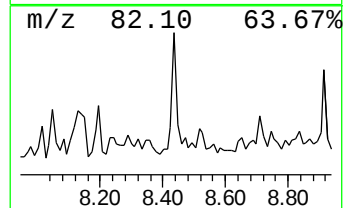
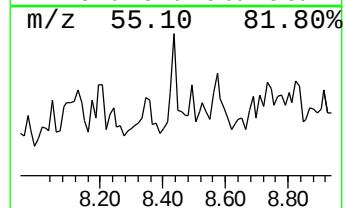
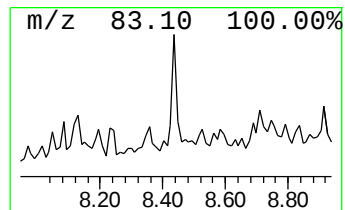
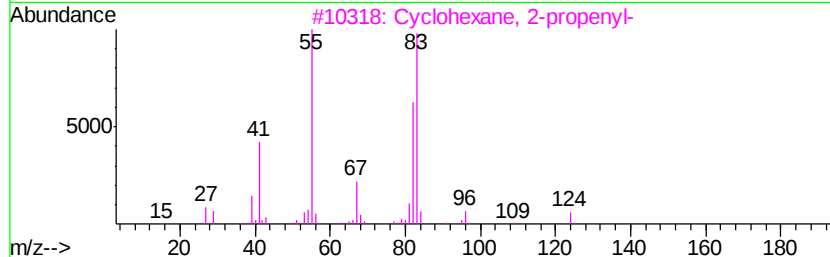
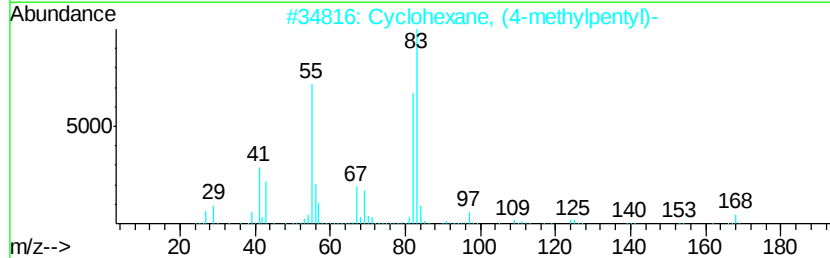
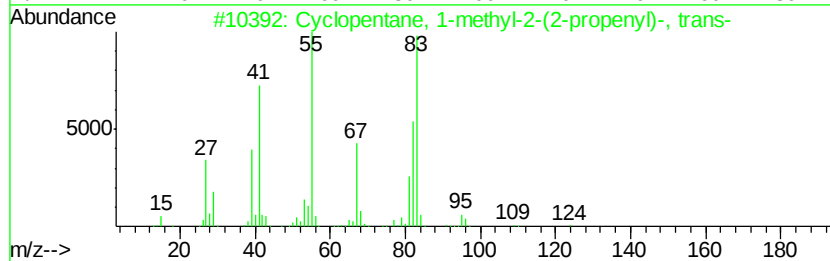
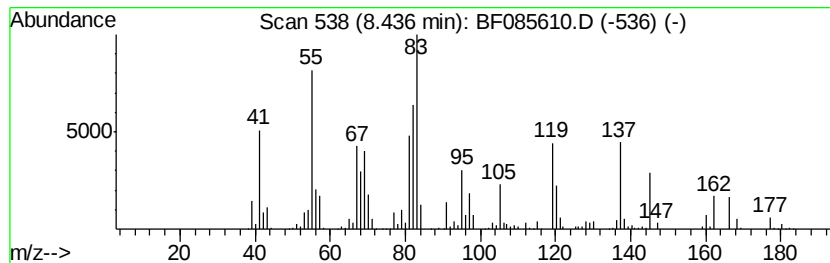
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.44 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	31.05 ng	2073500	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	38
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	27
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	27



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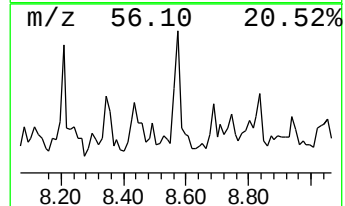
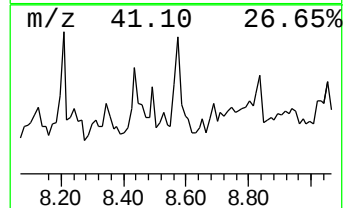
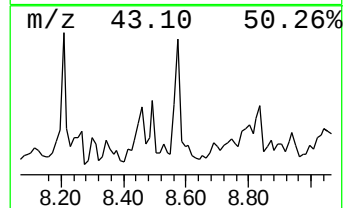
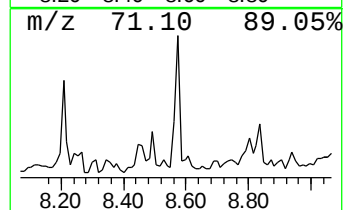
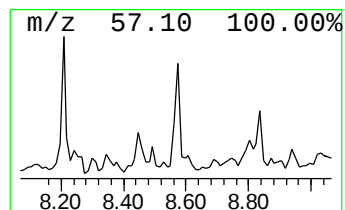
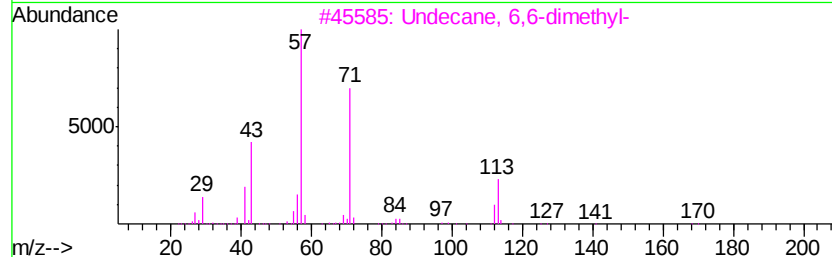
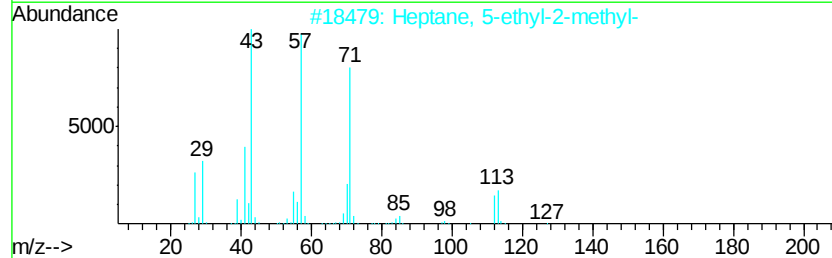
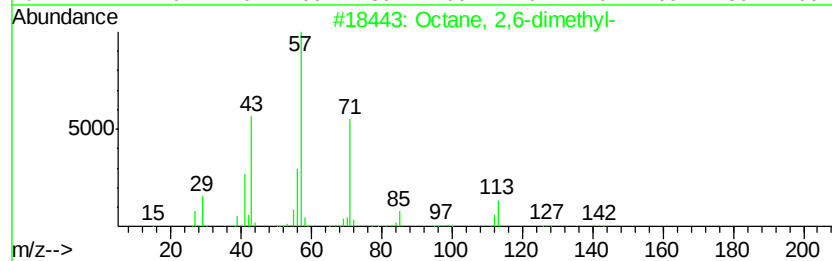
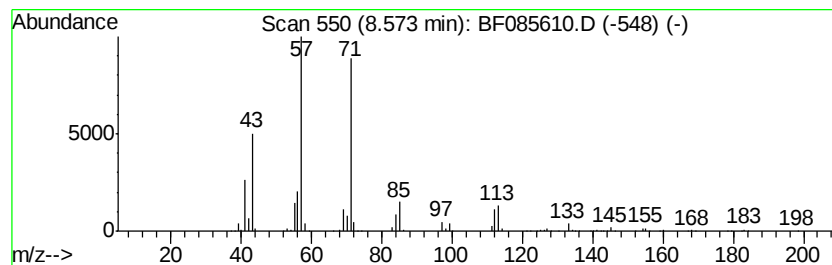
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	35.20 ng	2350800	Napthalene-d8	8.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 78
2		Heptane, 5-ethyl-2-methyl-	142 C10H22	013475-78-0 64
3		Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4 64
4		Heptane, 3-[(ethenyloxy)methyl]-	156 C10H20O	000103-44-6 64
5		Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4 59



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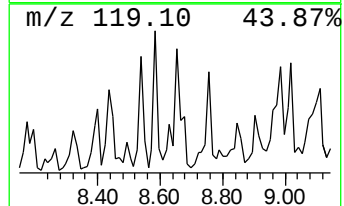
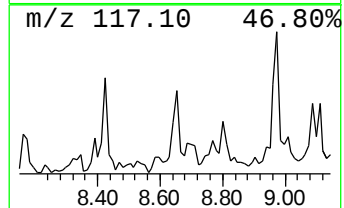
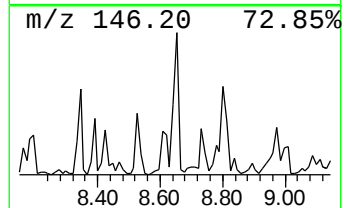
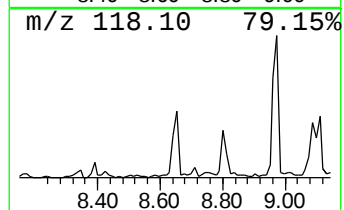
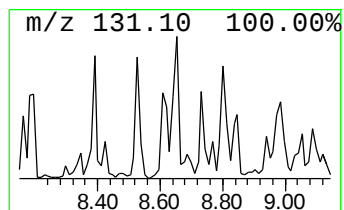
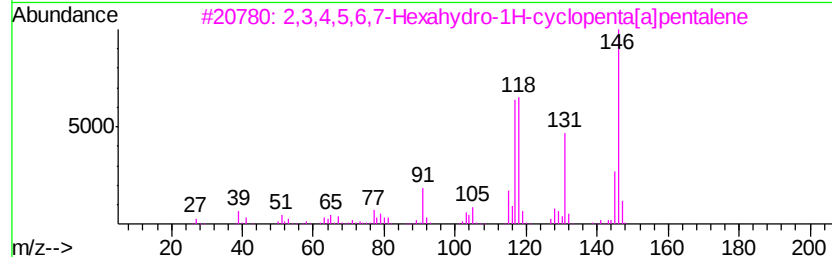
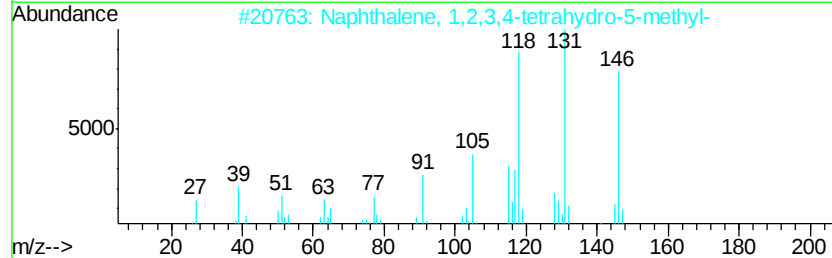
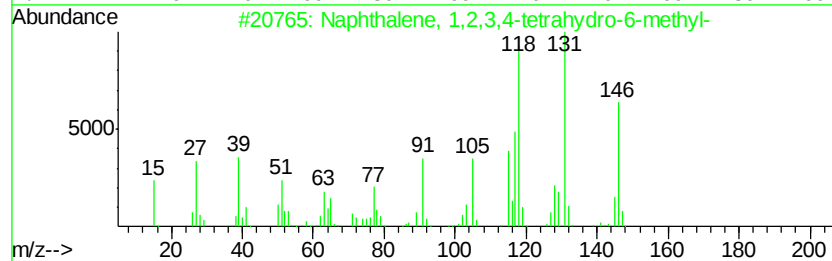
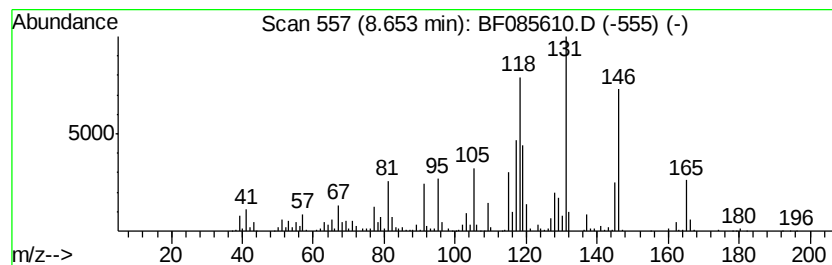
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	16.38 ng	1094210	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	92
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	64
4		Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	55
5		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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Misc :
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ClientSampleId :
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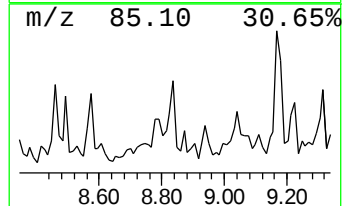
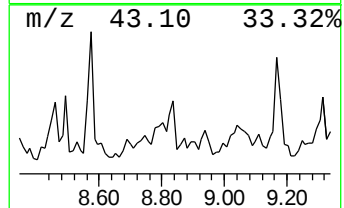
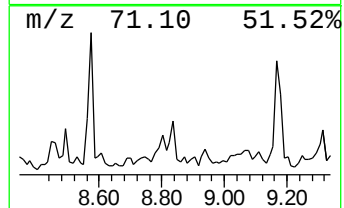
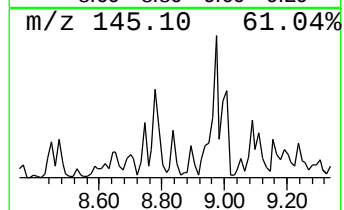
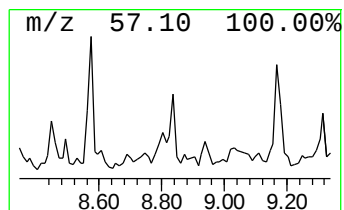
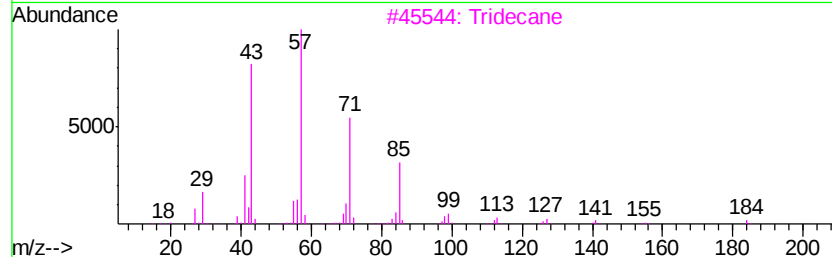
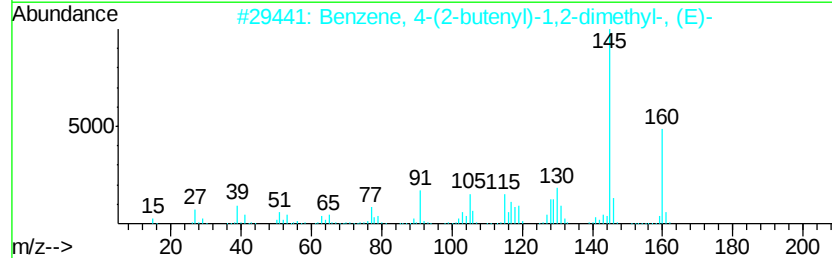
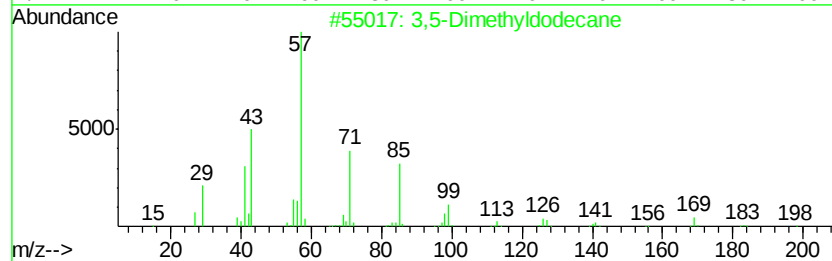
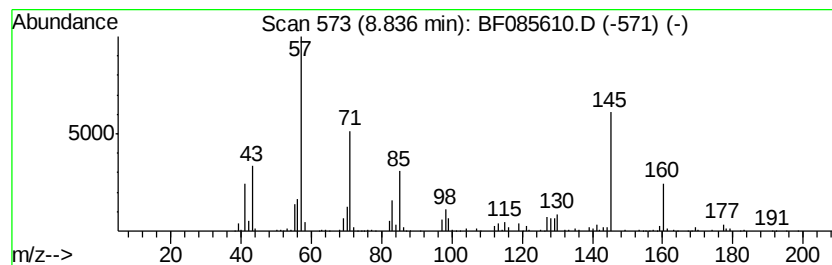
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3,5-Dimethyldodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	18.90 ng	1262420	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	55
2		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	38
3		Tridecane	184	C13H28	000629-50-5	38
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	35
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	35



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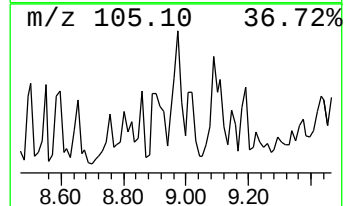
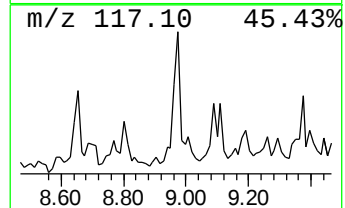
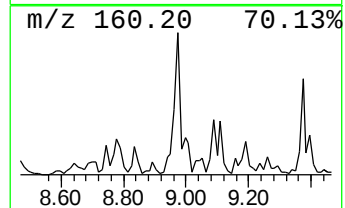
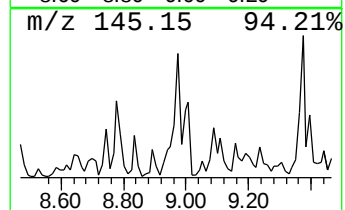
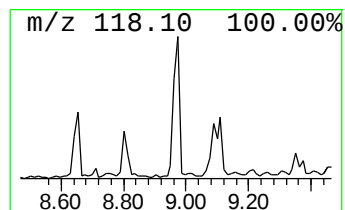
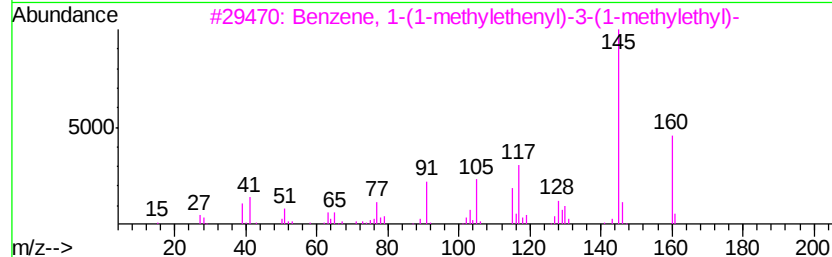
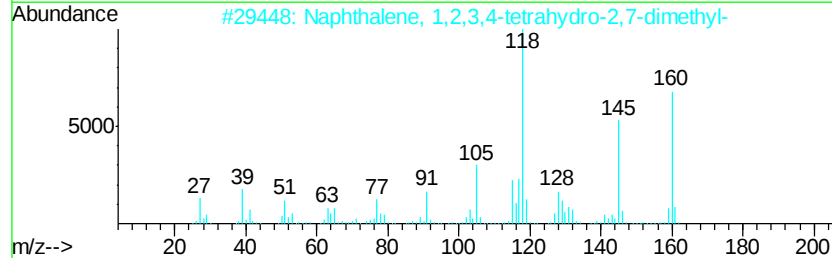
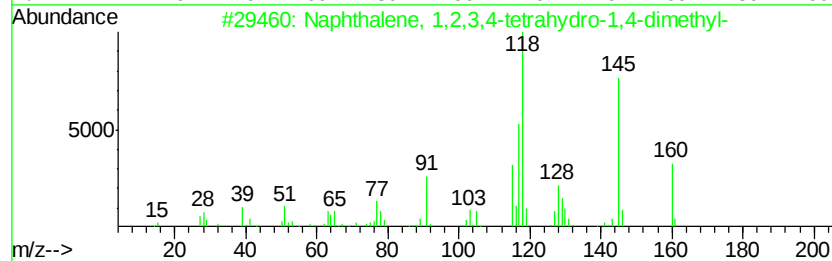
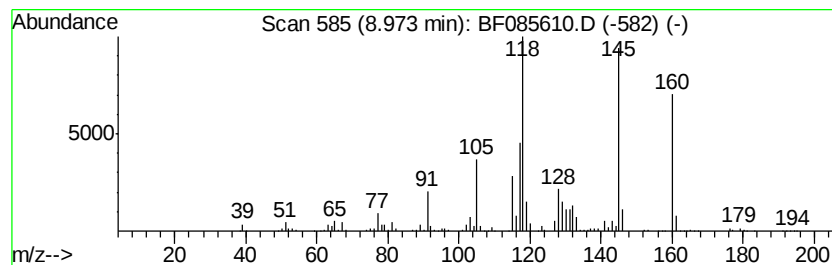
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	19.72 ng	1316910	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
3		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64



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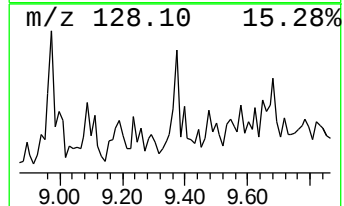
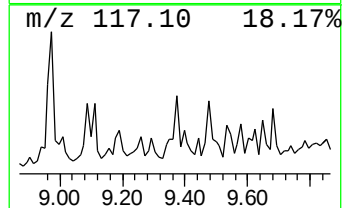
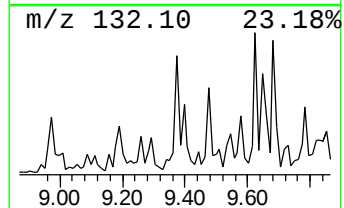
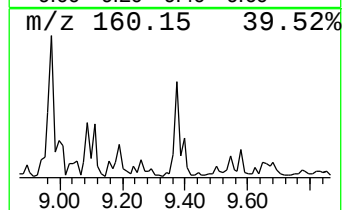
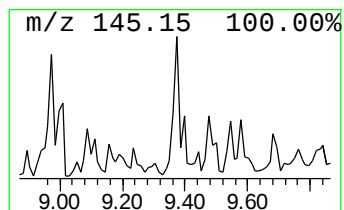
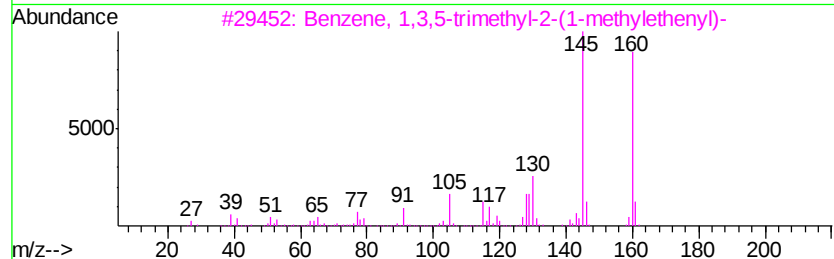
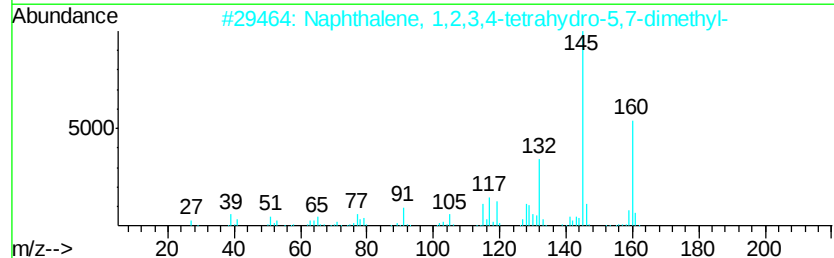
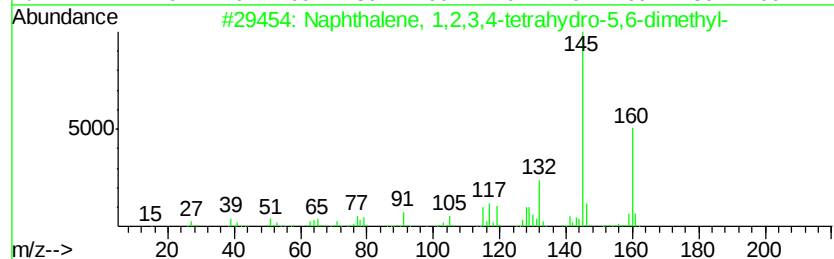
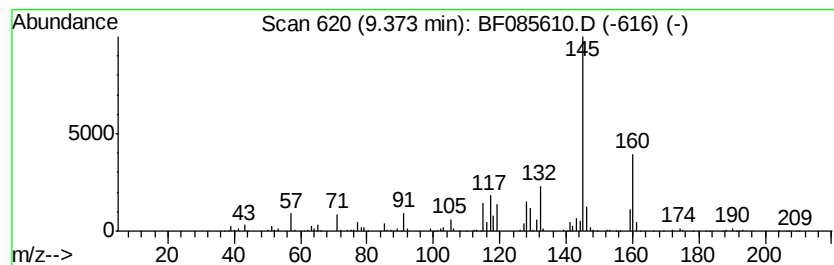
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	13.37 ng	1897710	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	93
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91



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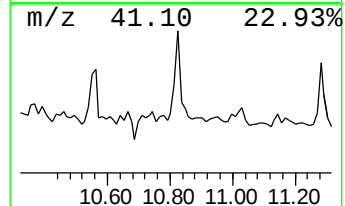
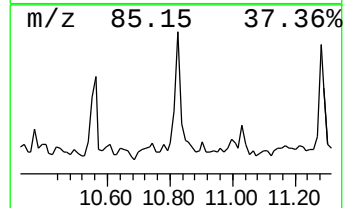
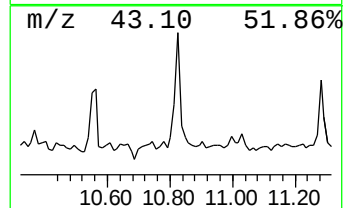
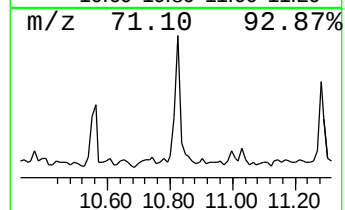
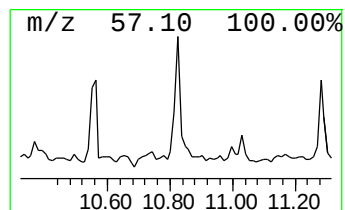
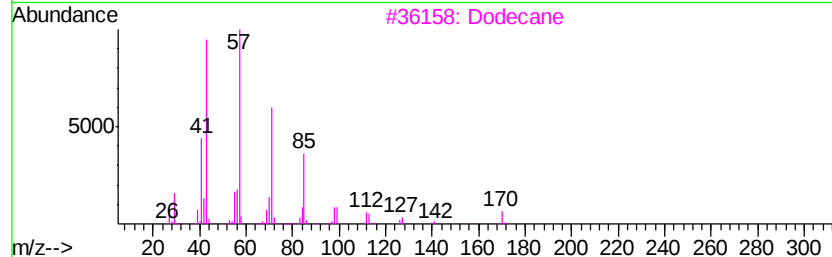
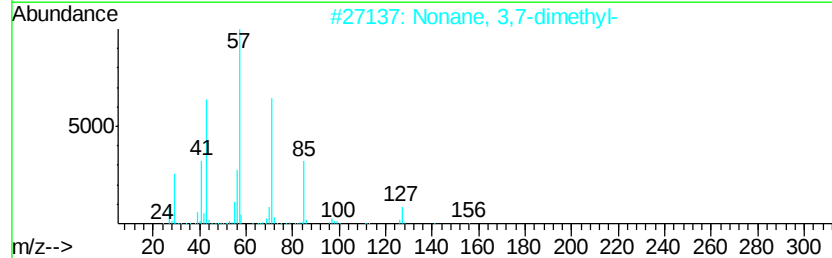
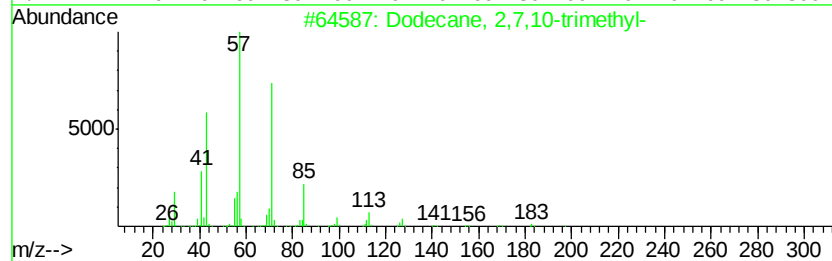
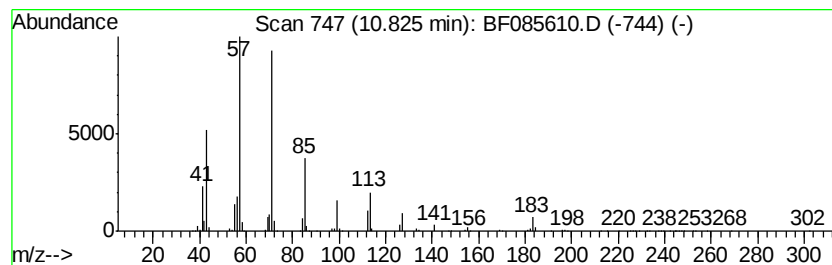
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	35.65 ng	2430930	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
3		Dodecane	170	C12H26	000112-40-3	53
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085610.D
Acq On : 20 Mar 2016 10:49
Operator : UM/SJ
Sample : H1815-12
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

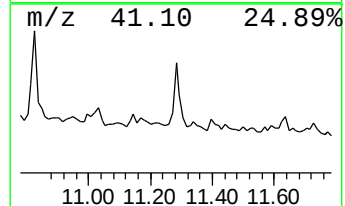
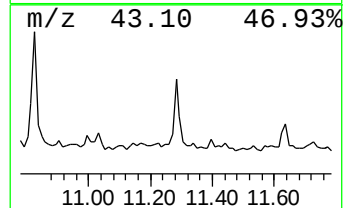
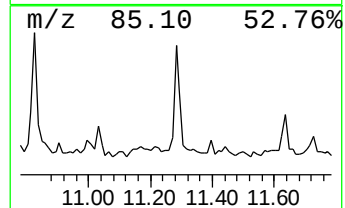
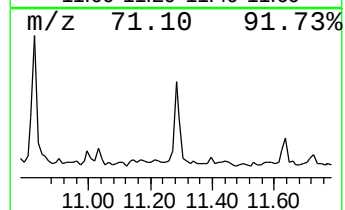
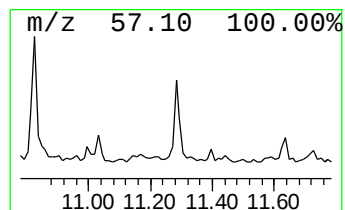
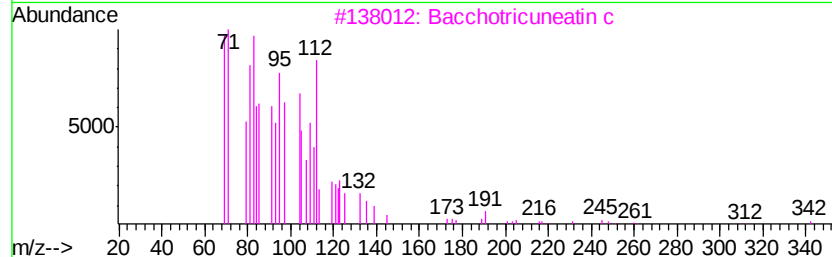
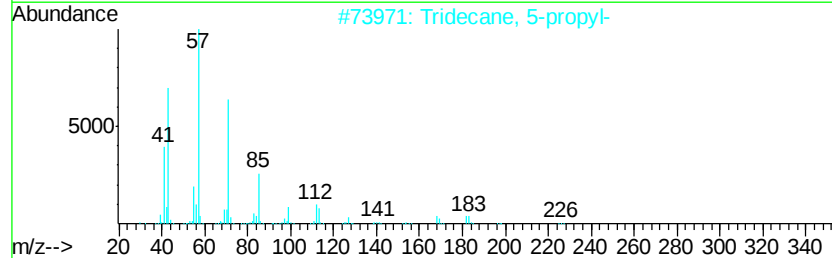
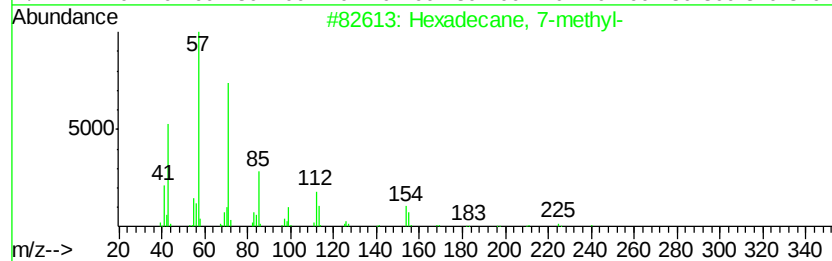
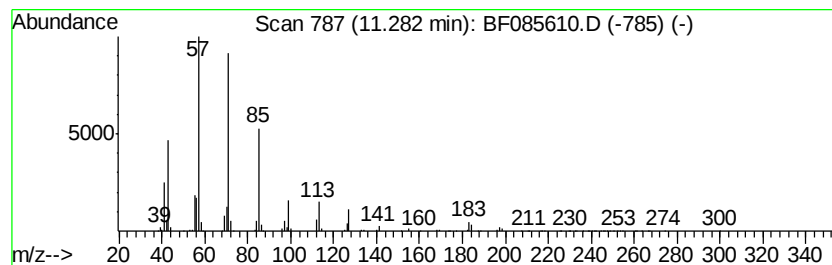
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	31.73 ng	2163750	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	70
4		Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085610.D
Acq On : 20 Mar 2016 10:49
Operator : UM/SJ
Sample : H1815-12
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

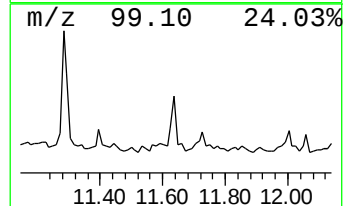
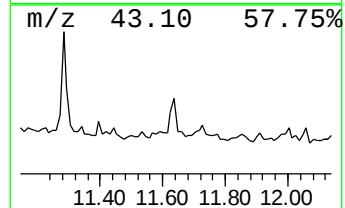
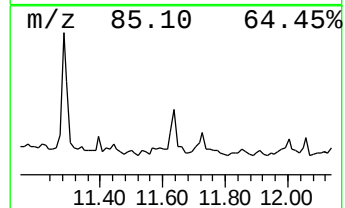
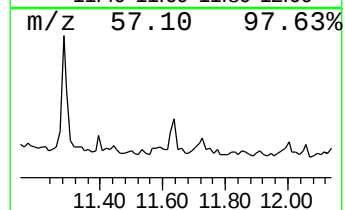
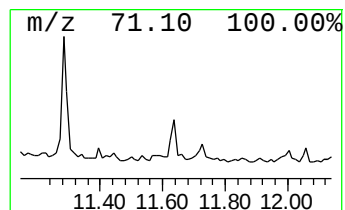
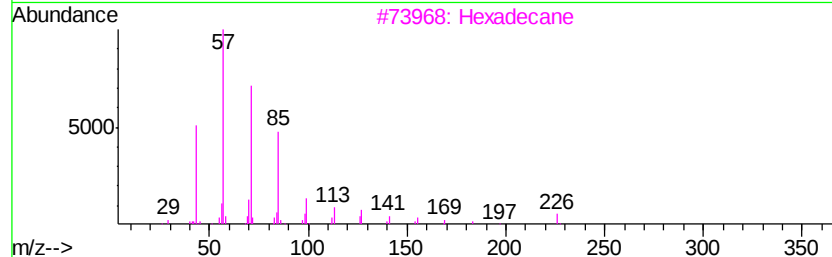
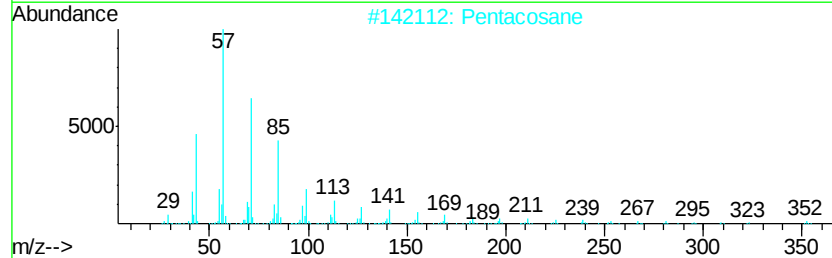
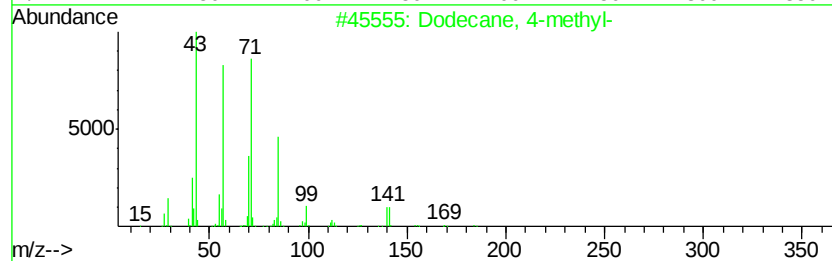
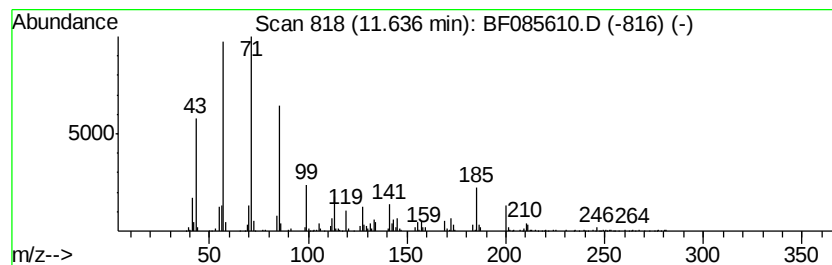
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	12.84 ng	875593	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
2		Pentacosane	352	C25H52	000629-99-2	59
3		Hexadecane	226	C16H34	000544-76-3	58
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
5		Heptacosane	380	C27H56	000593-49-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085610.D
 Acq On : 20 Mar 2016 10:49
 Operator : UM/SJ
 Sample : H1815-12
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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
unknown6.62	6.62	34.8	ng	3399720	1	6.86	1956820	20.0
Decane, 5-methyl-	7.13	14.0	ng	1372730	1	6.86	1956820	20.0
Cyclohexene, 1,2-...	7.58	23.7	ng	1585120	2	8.14	1335750	20.0
cis-Decalin, 2-sy...	7.67	24.8	ng	1655160	2	8.14	1335750	20.0
trans-4a-Methyl-d...	7.78	32.3	ng	2154130	2	8.14	1335750	20.0
unknown7.83	7.83	12.8	ng	856072	2	8.14	1335750	20.0
Undecane, 4-methyl-	7.86	19.7	ng	1315800	2	8.14	1335750	20.0
Undecane, 2,6-dim...	8.21	19.1	ng	1275590	2	8.14	1335750	20.0
Naphthalene, deca...	8.24	15.5	ng	1037270	2	8.14	1335750	20.0
6,7-Dimethyl-3H-i...	8.32	20.0	ng	1333640	2	8.14	1335750	20.0
unknown8.44	8.44	31.1	ng	2073500	2	8.14	1335750	20.0
Octane, 2,6-dimet...	8.57	35.2	ng	2350800	2	8.14	1335750	20.0
Naphthalene, 1,2,...	8.65	16.4	ng	1094210	2	8.14	1335750	20.0
3,5-Dimethyldodecane	8.84	18.9	ng	1262420	2	8.14	1335750	20.0
Naphthalene, 1,2,...	8.97	19.7	ng	1316910	2	8.14	1335750	20.0
Naphthalene, 1,2,...	9.37	13.4	ng	1897710	3	9.90	2839240	20.0
Dodecane, 2,7,10-...	10.82	35.6	ng	2430930	4	11.38	1363950	20.0
Hexadecane, 7-met...	11.28	31.7	ng	2163750	4	11.38	1363950	20.0
Dodecane, 4-methyl-	11.64	12.8	ng	875593	4	11.38	1363950	20.0