

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093294.D
 Acq On : 1 Mar 2017 17:25
 Operator : SJ/MA
 Sample : I2002-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.876	240	244	247	rVB2	179356	352219	2.41%	0.105%
2	4.967	247	252	258	rBV2	792520	1777376	12.14%	0.531%
3	5.150	266	268	270	rBV	299613	406798	2.78%	0.121%
4	5.356	281	286	288	rBV2	128364	257075	1.76%	0.077%
5	5.402	288	290	293	rBV	3227864	3602596	24.61%	1.076%
6	5.539	299	302	304	rBV	250617	386229	2.64%	0.115%
7	5.584	304	306	307	rVB	239153	318093	2.17%	0.095%
8	5.619	307	309	314	rVB2	237627	396976	2.71%	0.119%
9	5.790	320	324	326	rBV2	349719	637968	4.36%	0.190%
10	5.847	326	329	334	rBV3	283430	681564	4.66%	0.203%
11	5.927	334	336	339	rVB2	647958	983633	6.72%	0.294%
12	5.984	339	341	343	rBV	297821	478425	3.27%	0.143%
13	6.030	343	345	349	rVV	1960321	2898061	19.80%	0.865%
14	6.087	349	350	352	rVV	1027132	1193392	8.15%	0.356%
15	6.122	352	353	359	rVB3	326522	932994	6.37%	0.279%
16	6.224	359	362	365	rBV2	833842	1457994	9.96%	0.435%
17	6.293	367	368	369	rVV	926936	724349	4.95%	0.216%
18	6.316	369	370	375	rVV2	988013	1782197	12.17%	0.532%
19	6.407	375	378	380	rVV3	334220	768119	5.25%	0.229%
20	6.453	380	382	384	rVV	3116845	4628037	31.61%	1.382%
21	6.487	384	385	387	rVV	397416	602069	4.11%	0.180%
22	6.533	387	389	391	rVV2	1078306	2219381	15.16%	0.663%
23	6.579	391	393	396	rVV	4174082	4958467	33.87%	1.480%
24	6.659	396	400	401	rVV2	673488	1417086	9.68%	0.423%
25	6.819	404	414	416	rVV3	3501632	9051541	61.83%	2.702%
26	6.864	416	418	419	rVV	1295268	1712177	11.70%	0.511%
27	6.922	419	423	424	rVV4	1294623	2922460	19.96%	0.873%
28	6.956	424	426	430	rVV3	3503522	7202047	49.20%	2.150%
29	7.036	430	433	434	rVV2	1072003	1955245	13.36%	0.584%
30	7.070	434	436	439	rVV3	1671505	3797803	25.94%	1.134%
31	7.127	439	441	442	rVV2	842788	1451261	9.91%	0.433%
32	7.162	442	444	445	rVV2	959751	1622795	11.09%	0.485%
33	7.196	445	447	449	rVV2	1642060	2937613	20.07%	0.877%
34	7.345	453	460	462	rVV2	2362597	8278363	56.55%	2.472%

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35	7.379	462	463	467	rVV3	3354551	5921579	40.45%	1.768%
36	7.447	467	469	471	rVV2	2193344	4362080	29.80%	1.302%
37	7.527	471	476	477	rVV	2131100	6202115	42.37%	1.852%
38	7.562	477	479	480	rVV2	1721694	2847603	19.45%	0.850%
39	7.596	480	482	485	rVV4	2787935	6468169	44.18%	1.931%
40	7.653	485	487	489	rVV2	1365291	3153590	21.54%	0.942%
41	7.733	489	494	496	rVV4	2378211	8829896	60.32%	2.636%
42	7.779	496	498	499	rVV	1800923	2976700	20.33%	0.889%
43	7.813	499	501	502	rVV2	1186640	2426502	16.58%	0.724%
44	7.836	502	503	507	rVV3	2318736	5253603	35.89%	1.569%
45	7.916	507	510	513	rVV4	2196509	5606495	38.30%	1.674%
46	7.973	513	515	518	rVV3	2149842	5495826	37.54%	1.641%
47	8.030	518	520	523	rVV3	2042283	6160232	42.08%	1.839%
48	8.087	523	525	527	rVV2	2904243	6664676	45.53%	1.990%
49	8.156	529	531	538	rVV	4590036	14639401	100.00%	4.371%
50	8.259	538	540	541	rVV	1882052	3632886	24.82%	1.085%
51	8.293	541	543	545	rVV2	2741545	5508589	37.63%	1.645%
52	8.385	547	551	553	rVV3	3130115	8244194	56.32%	2.461%
53	8.419	553	554	555	rVV	1748935	2215040	15.13%	0.661%
54	8.476	558	559	561	rVV2	2093023	3378939	23.08%	1.009%
55	8.522	561	563	565	rVV	5540180	9123304	62.32%	2.724%
56	8.602	568	570	571	rVV	2323565	3727734	25.46%	1.113%
57	8.636	571	573	576	rVV3	2408392	6826096	46.63%	2.038%
58	8.693	576	578	580	rVV2	2125442	5568547	38.04%	1.663%
59	8.750	582	583	584	rVV	2762966	3356203	22.93%	1.002%
60	8.785	584	586	587	rVV	3283711	4965526	33.92%	1.483%
61	8.808	587	588	589	rVV	1902234	2338102	15.97%	0.698%
62	8.842	589	591	592	rVV2	1819805	3336296	22.79%	0.996%
63	8.910	592	597	601	rVV6	2267106	11485680	78.46%	3.429%
64	9.002	603	605	607	rVV3	2627878	5199436	35.52%	1.552%
65	9.036	607	608	609	rVV	1708400	2207526	15.08%	0.659%
66	9.116	613	615	617	rVV	5099315	7720101	52.74%	2.305%
67	9.173	617	620	622	rVV	4301627	7967426	54.42%	2.379%
68	9.208	622	623	624	rVV	1557166	1919425	13.11%	0.573%
69	9.253	624	627	629	rVV2	2417070	6478353	44.25%	1.934%
70	9.288	629	630	632	rVV2	1995196	3948063	26.97%	1.179%
71	9.368	635	637	638	rVV	1648410	2873844	19.63%	0.858%

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72	9.436	638	643	644	rVV2	1947755	5745027	39.24%	1.715%
73	9.482	644	647	648	rVV3	1436051	3742987	25.57%	1.118%
74	9.505	648	649	650	rVV	1777921	2208105	15.08%	0.659%
75	9.573	652	655	656	rVV2	3392457	6646501	45.40%	1.984%
76	9.653	660	662	665	rVV3	1296928	3798015	25.94%	1.134%
77	9.710	665	667	669	rVV3	1227073	2778449	18.98%	0.830%
78	9.745	669	670	672	rVV	1329709	2240571	15.31%	0.669%
79	9.848	675	679	681	rVV2	1935536	5210970	35.60%	1.556%
80	9.882	681	682	683	rVV	942344	1163102	7.95%	0.347%
81	9.951	686	688	690	rVV2	952960	1869102	12.77%	0.558%
82	9.996	690	692	694	rVV3	715743	1783602	12.18%	0.533%
83	10.031	694	695	699	rVV2	902778	2315196	15.81%	0.691%
84	10.099	699	701	705	rVV3	978886	2423771	16.56%	0.724%
85	10.156	705	706	708	rVV2	592281	1029804	7.03%	0.307%
86	10.213	708	711	712	rVV2	524798	1252919	8.56%	0.374%
87	10.248	712	714	717	rVV4	479996	1347834	9.21%	0.402%
88	10.293	717	718	720	rVV2	453668	837001	5.72%	0.250%
89	10.385	724	726	732	rVV6	319769	1379970	9.43%	0.412%
90	10.488	732	735	738	rVV	961681	1517992	10.37%	0.453%
91	10.545	738	740	742	rVV2	194821	383956	2.62%	0.115%
92	10.602	744	745	746	rVV	190122	217609	1.49%	0.065%
93	10.636	746	748	751	rVV	2064135	2335122	15.95%	0.697%
94	10.751	756	758	762	rVB	792837	1082833	7.40%	0.323%
95	11.219	797	799	802	rVB	323990	355304	2.43%	0.106%
96	11.334	806	809	811	rBV	967686	1316555	8.99%	0.393%
97	12.911	945	947	950	rBV	2826871	3759542	25.68%	1.122%
98	13.814	1023	1026	1032	rBV	131663	238409	1.63%	0.071%
99	13.974	1037	1040	1042	rVB	951133	1176910	8.04%	0.351%
100	15.391	1161	1164	1167	rBV	757953	962869	6.58%	0.287%

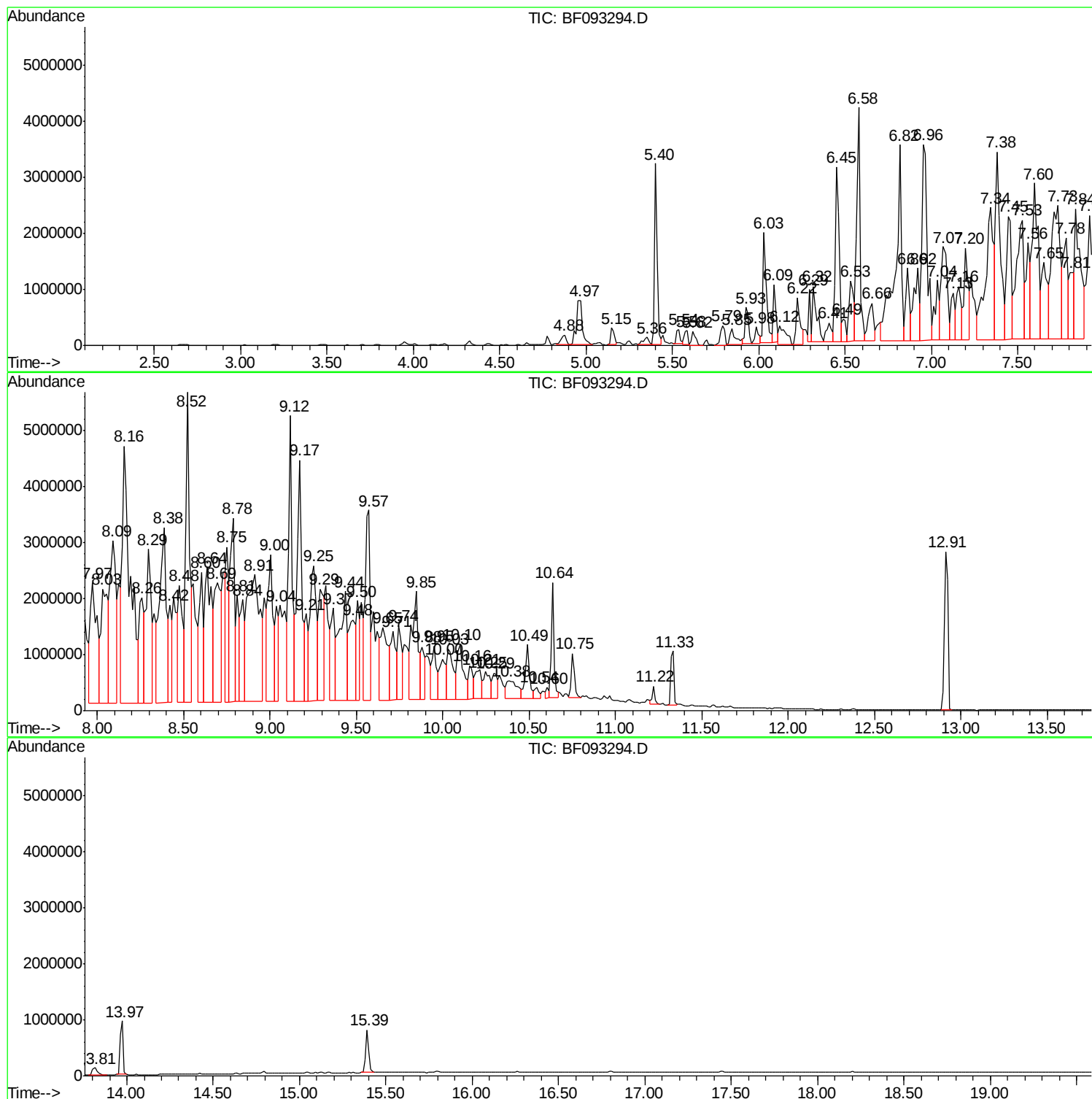
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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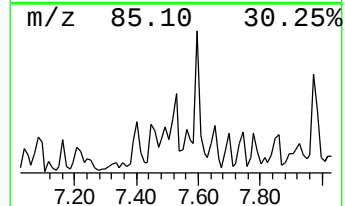
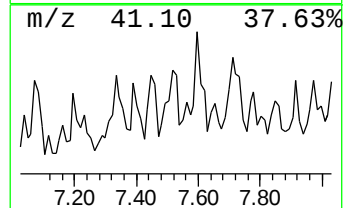
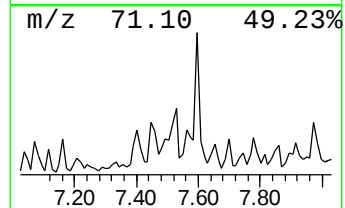
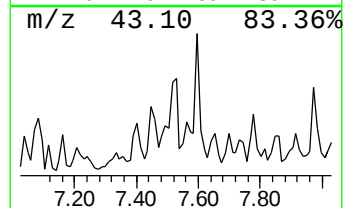
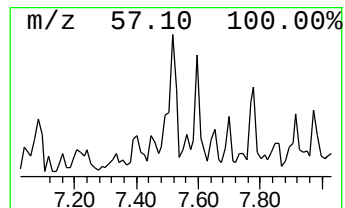
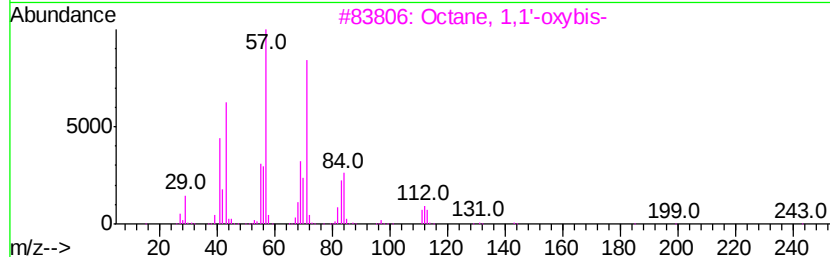
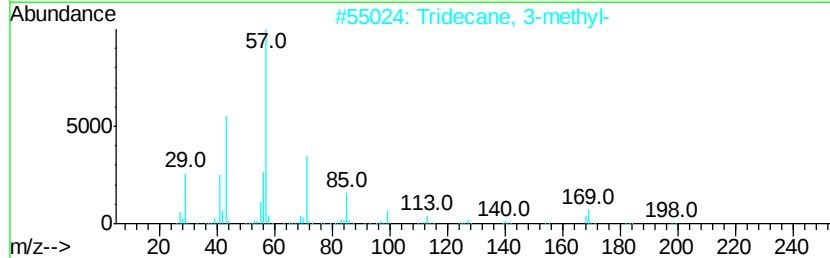
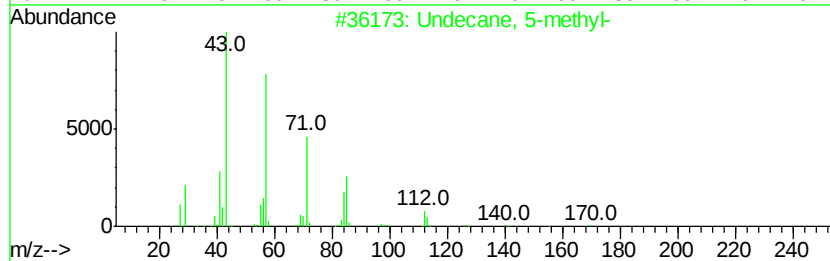
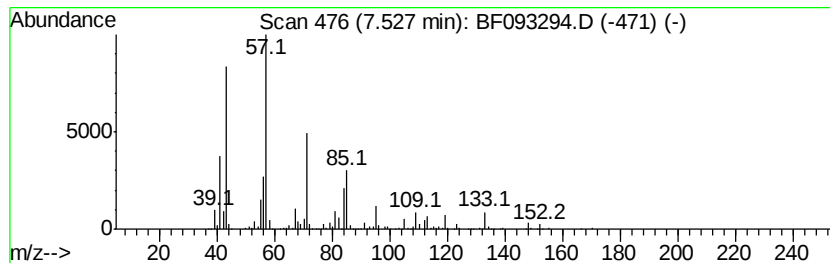
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)

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

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

Peak Number 2 Undecane, 5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	18.61 ng	6202120	Napthalene-d8	8.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 5-methyl-	170 C12H26	001632-70-8	68
2	Tridecane, 3-methyl-	198 C14H30	006418-41-3	53
3	Octane, 1,1'-oxybis-	242 C16H34O	000629-82-3	50
4	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	50
5	Undecane, 3-methyl-	170 C12H26	001002-43-3	50



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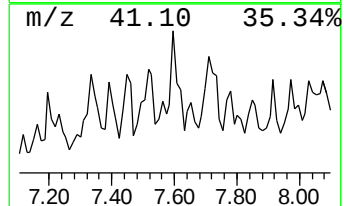
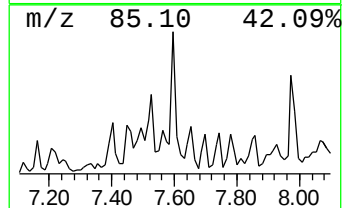
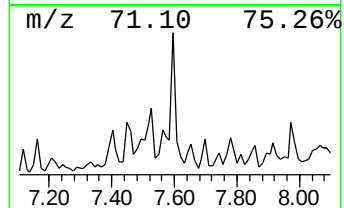
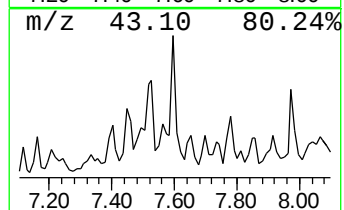
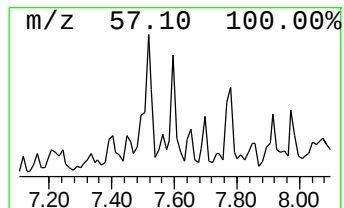
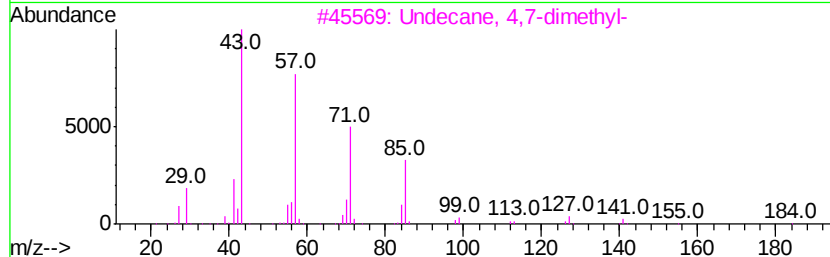
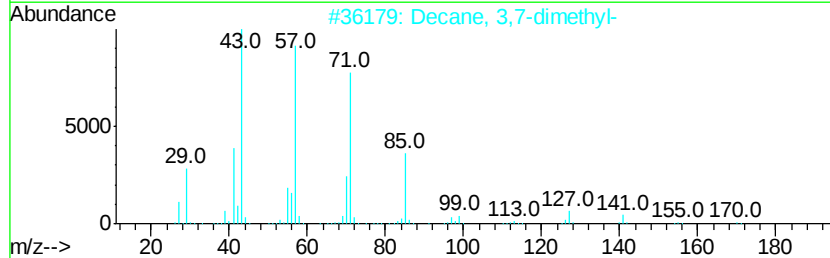
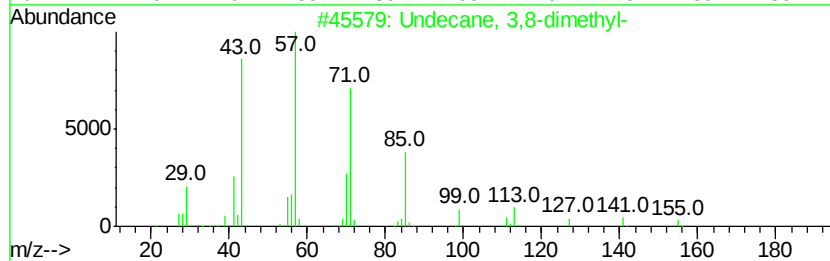
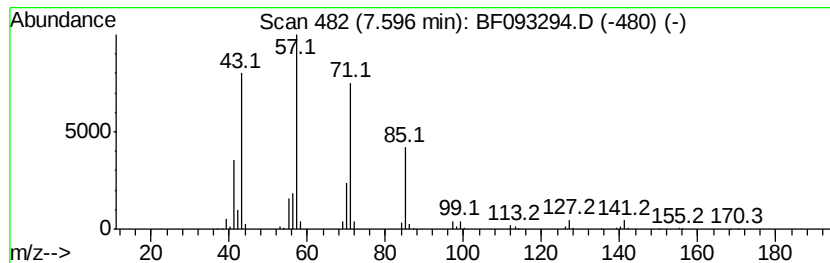
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 3,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	19.41 ng	6468170	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	90
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87
3		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	78
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78
5		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64



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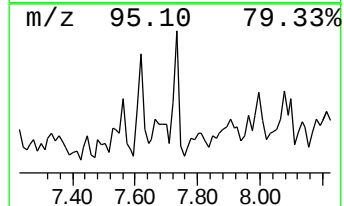
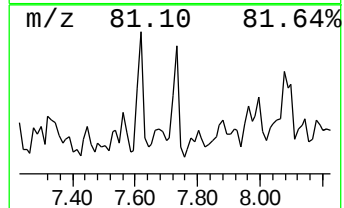
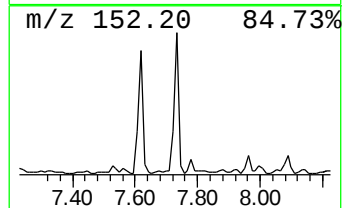
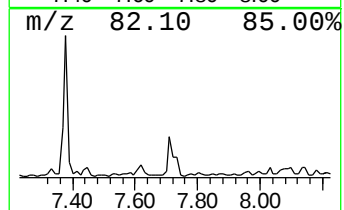
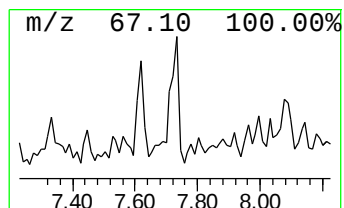
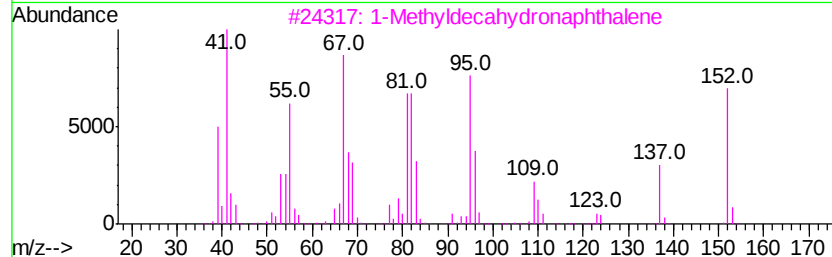
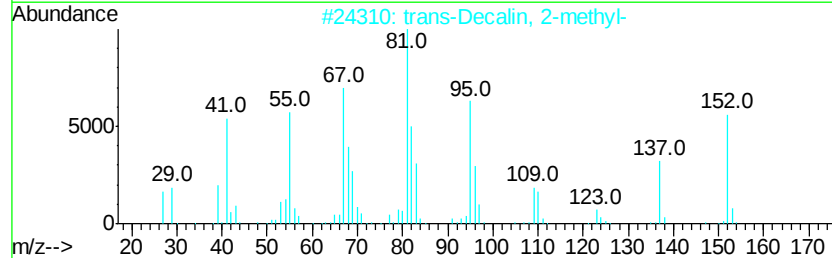
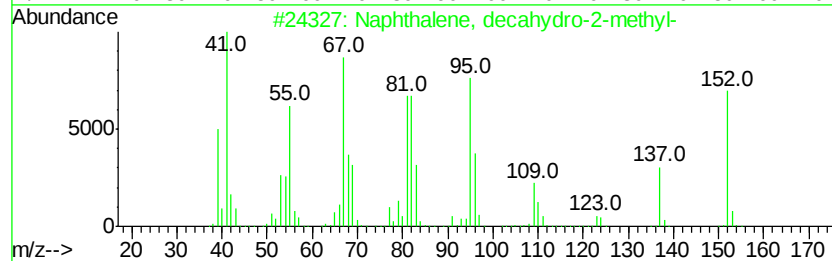
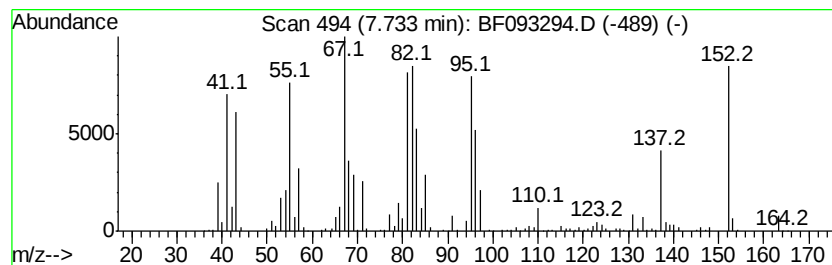
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Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	26.50 ng	8829900	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	55
4		Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	49
5		1,4-Pentadiene, 3-propyl-	110	C8H14	000996-83-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)

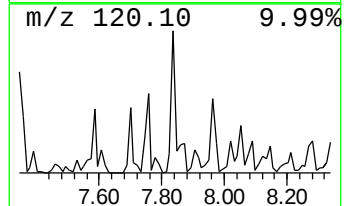
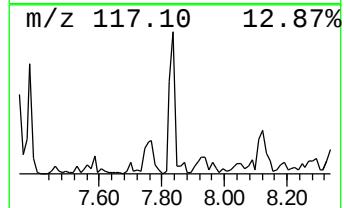
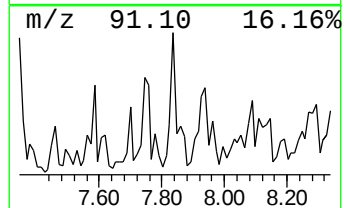
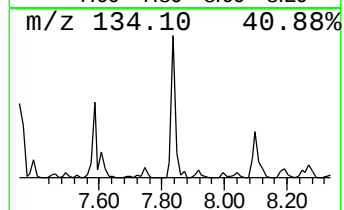
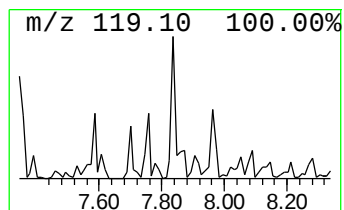
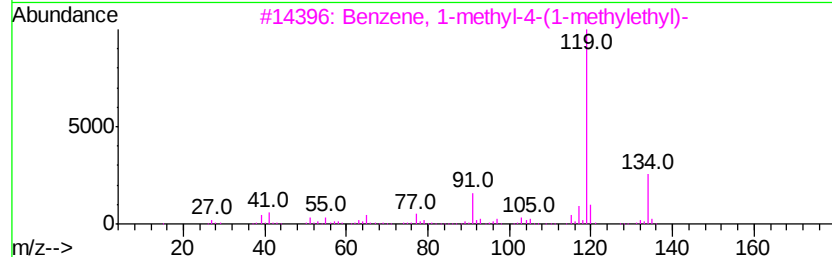
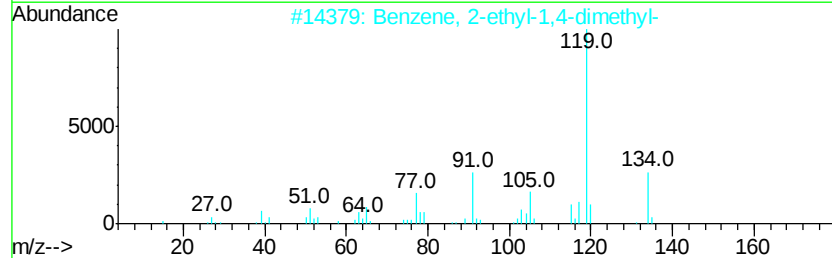
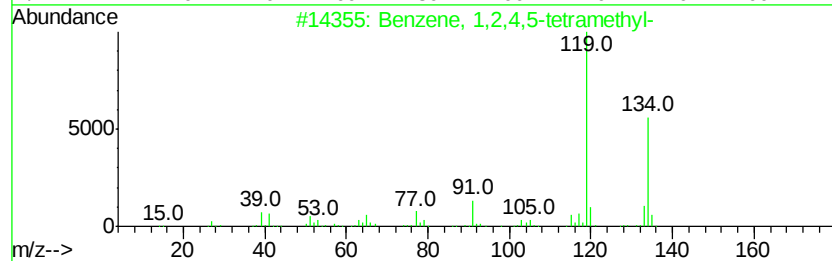
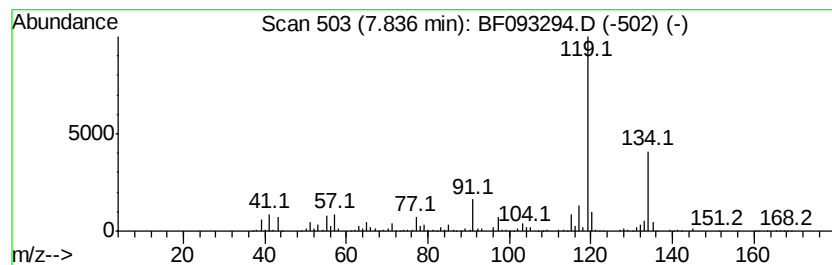
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	15.77 ng	5253600	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	91
4		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)

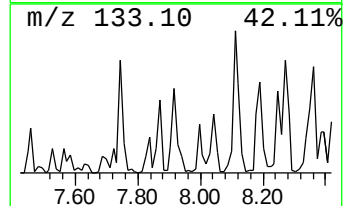
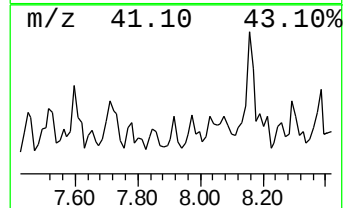
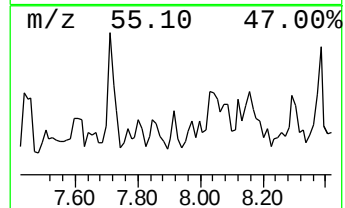
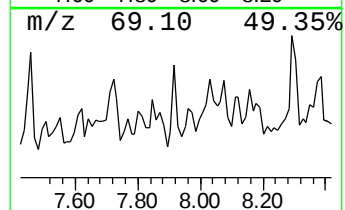
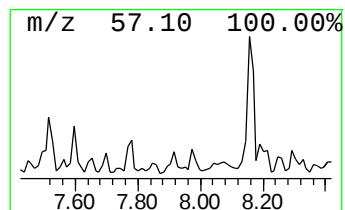
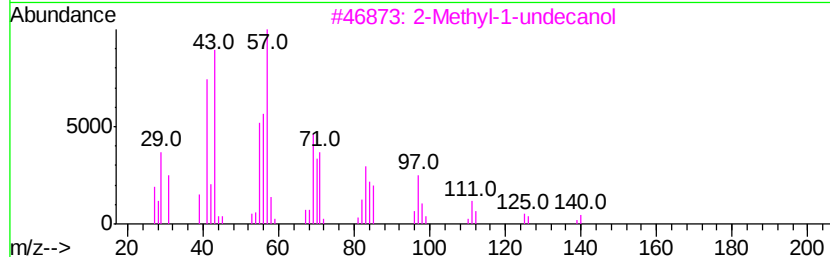
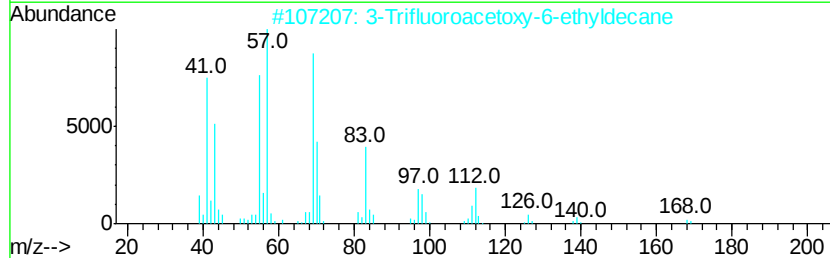
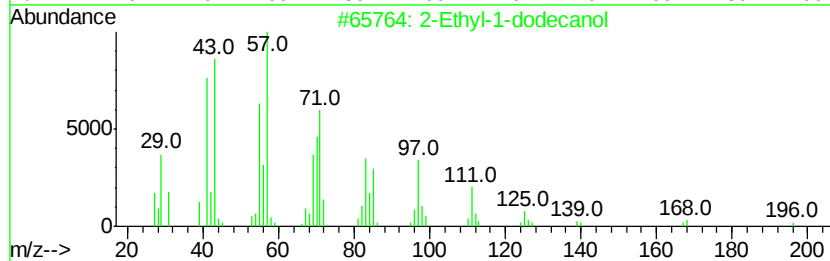
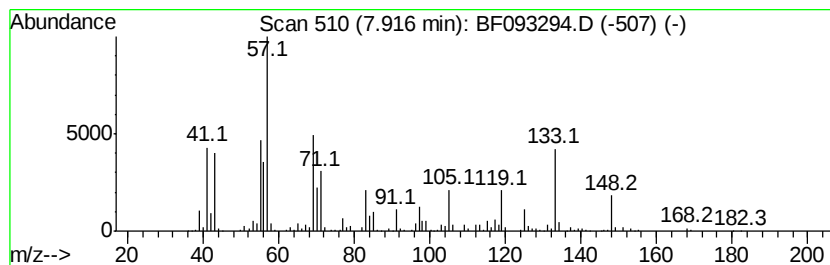
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.92 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	16.82 ng	5606500	Naphthalene-d8	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	16
2	3		3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	14
3	2		2-Methyl-1-undecanol	186	C12H26O	010522-26-6	14
4	2		2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	12
5	1		Octanol, 2-butyl-	186	C12H26O	003913-02-8	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093294.D
 Acq On : 1 Mar 2017 17:25
 Operator : SJ/MA
 Sample : I2002-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSP-8(3.5-5.5)

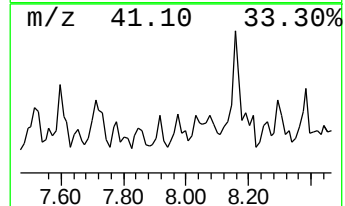
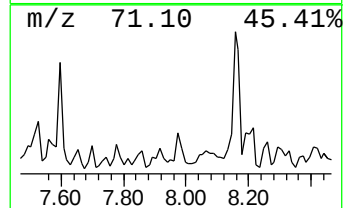
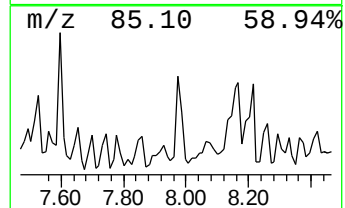
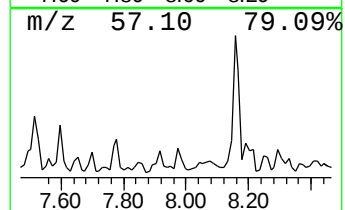
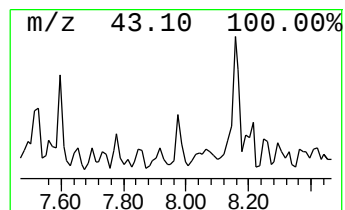
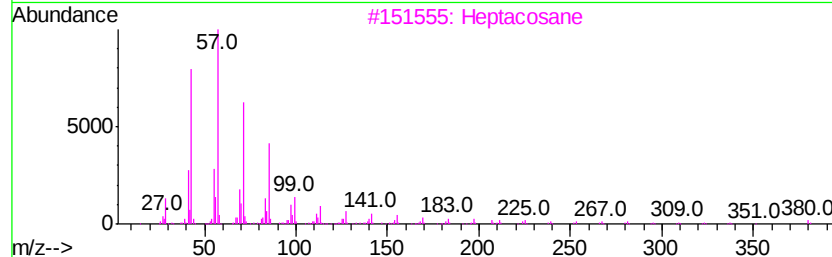
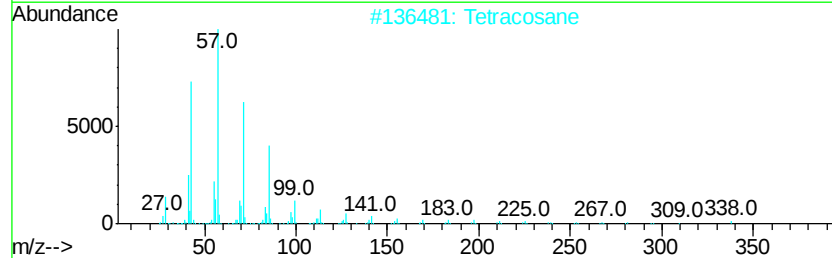
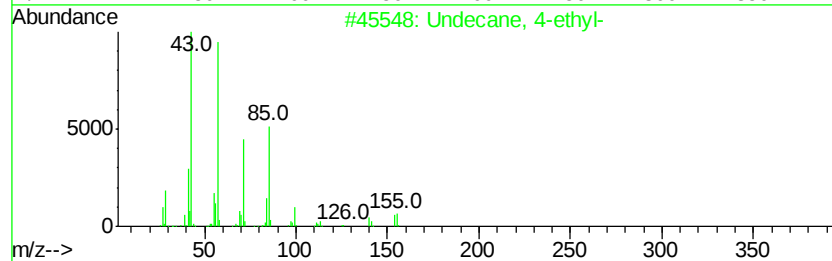
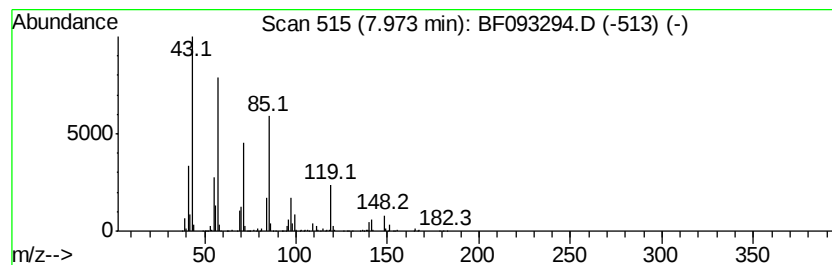
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Undecane, 4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	16.49 ng	5495830	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-ethyl-	184	C13H28	017312-59-3	59
2		Tetracosane	338	C24H50	000646-31-1	47
3		Heptacosane	380	C27H56	000593-49-7	43
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43
5		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)

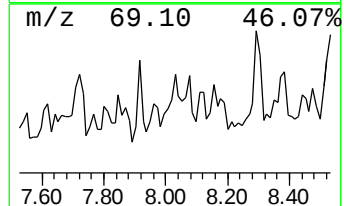
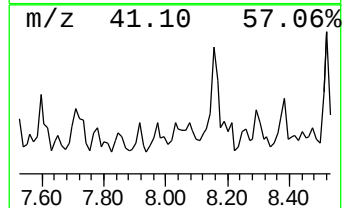
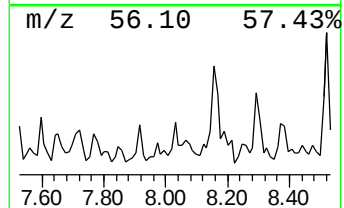
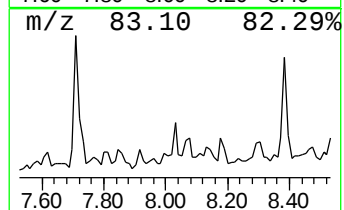
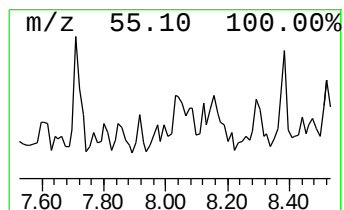
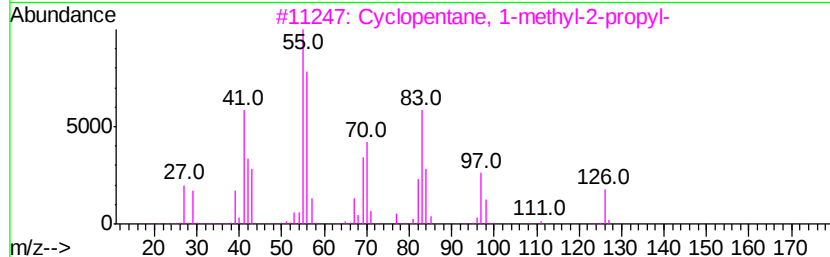
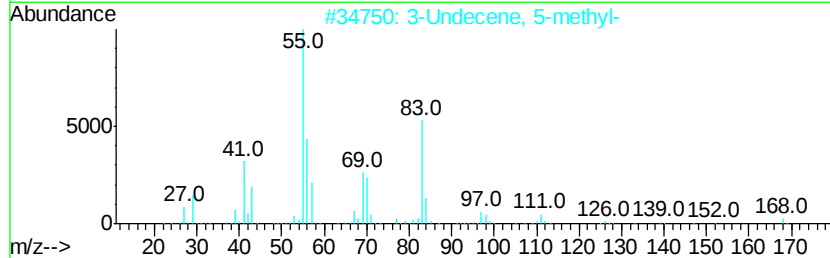
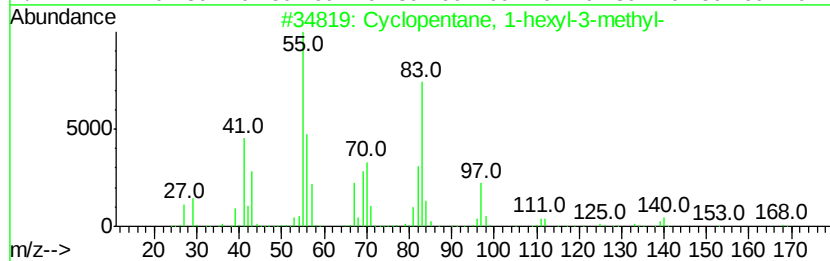
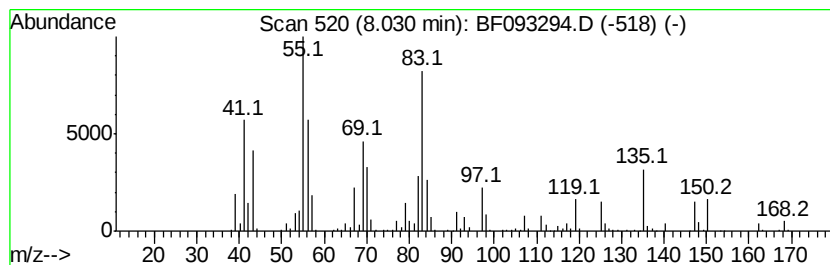
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopentane, 1-hexyl-3-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	18.49 ng	6160230	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	53
2		3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	49
3		Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	46
4		2,3-Dimethyl-2-octene	140	C10H20	019781-18-1	38
5		5-Undecene, 4-methyl-	168	C12H24	143185-91-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSP-8(3.5-5.5)

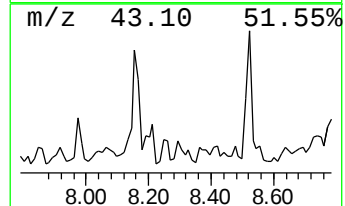
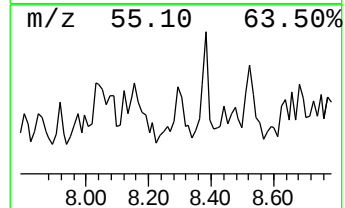
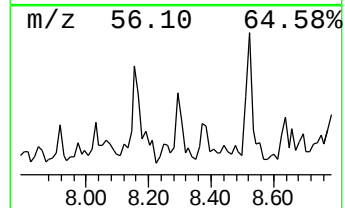
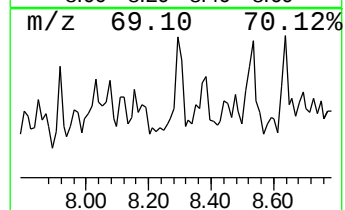
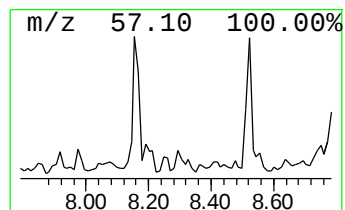
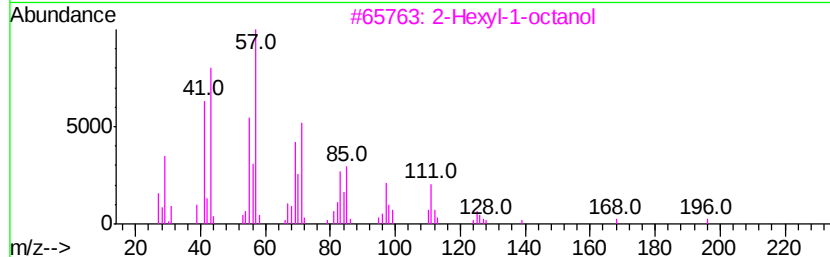
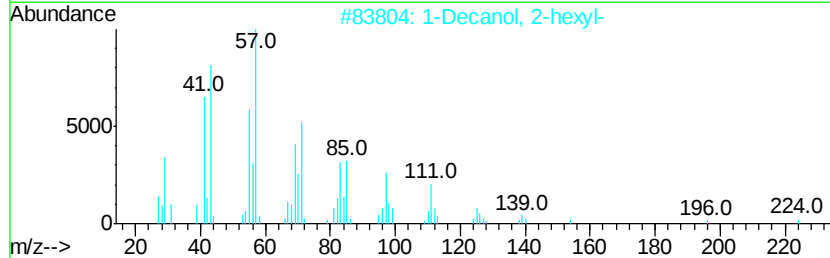
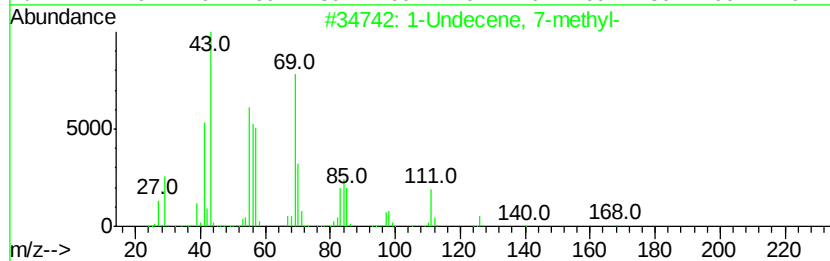
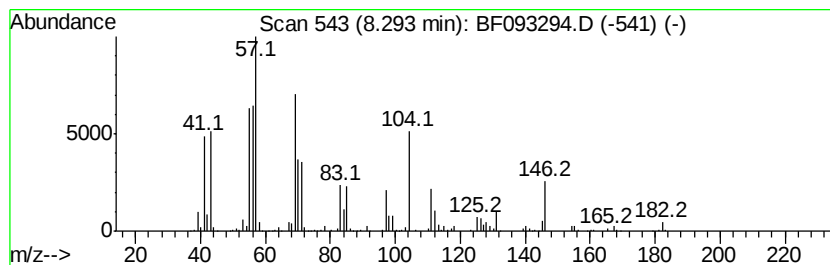
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Undecene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	16.53 ng	5508590	Napthalene-d8	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Undecene, 7-methyl-	168	C12H24	074630-42-5	50
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	43
3			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	38
4			1-Undecene, 5-methyl-	168	C12H24	074630-38-9	38
5			1-Undecene, 8-methyl-	168	C12H24	074630-40-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
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SSP-8(3.5-5.5)

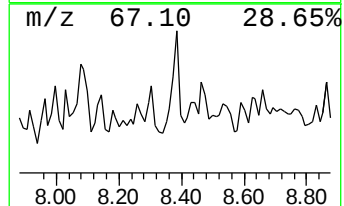
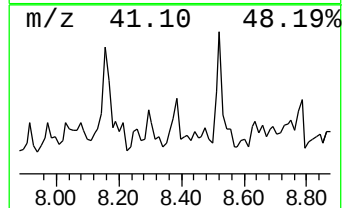
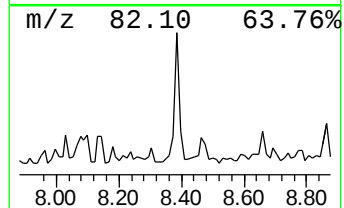
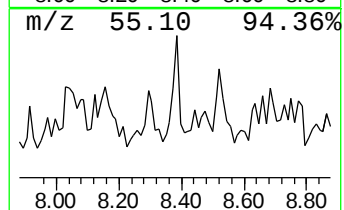
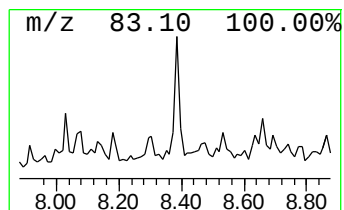
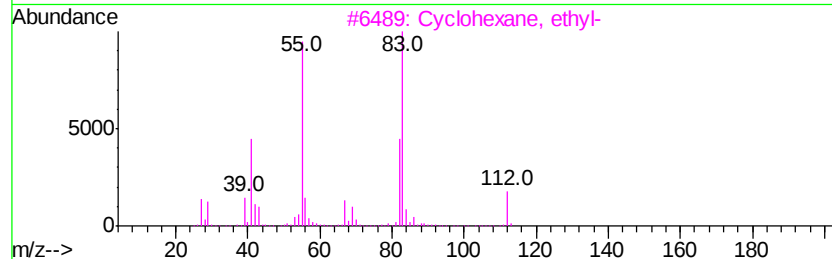
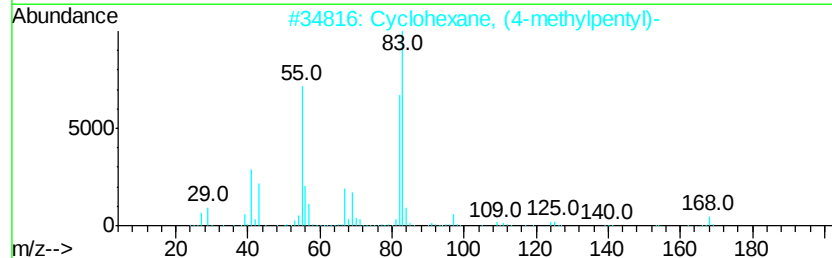
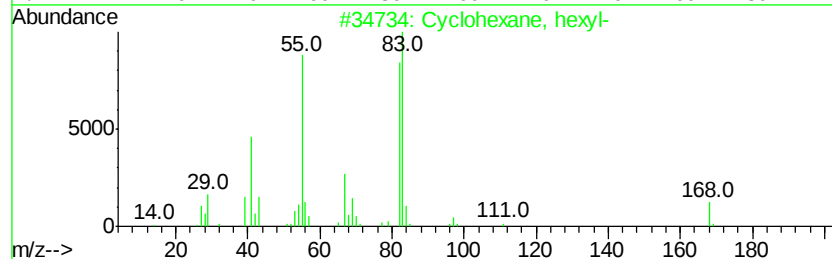
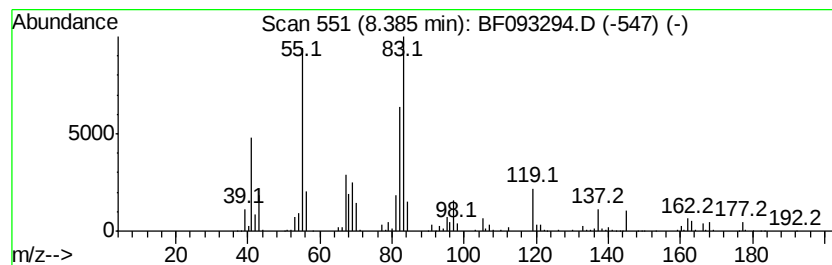
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	24.74 ng	8244190	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
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ClientSampleId :
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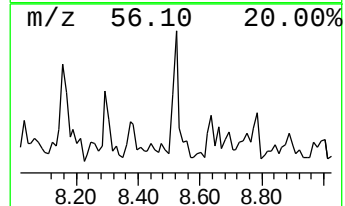
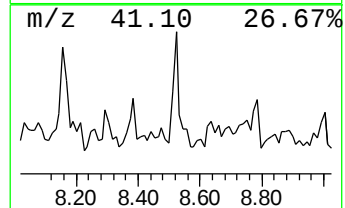
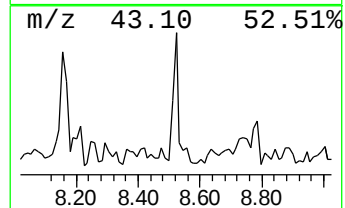
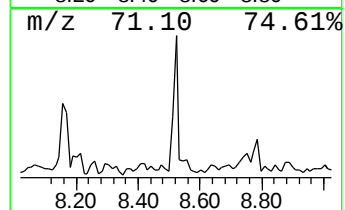
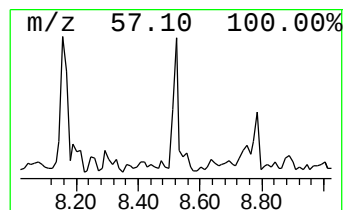
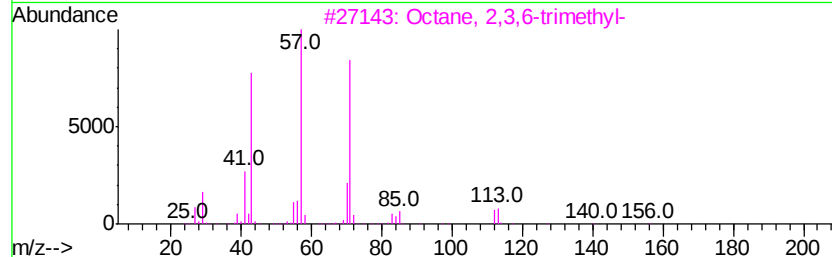
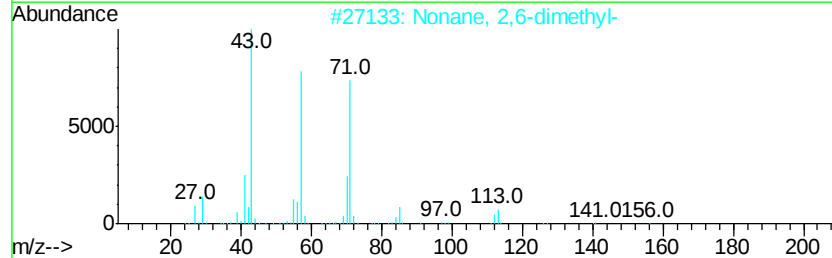
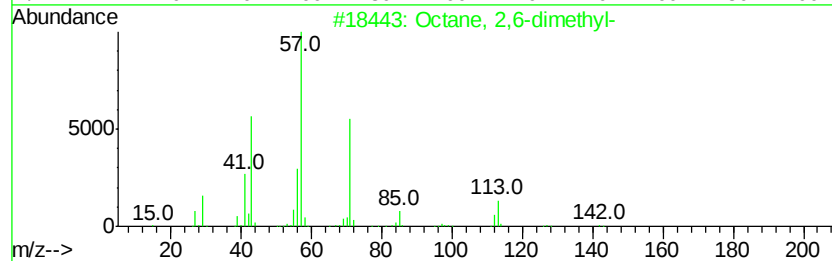
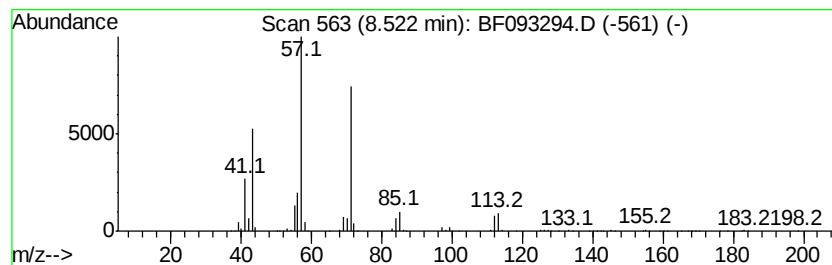
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	27.38 ng	9123300	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)

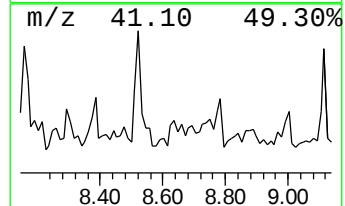
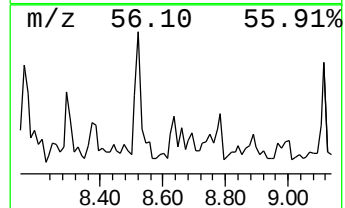
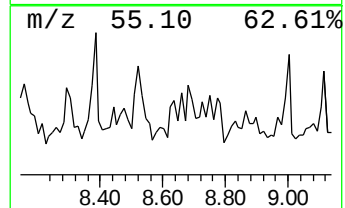
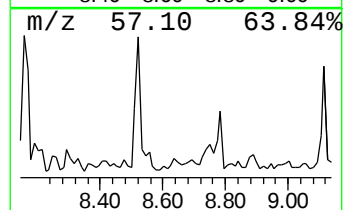
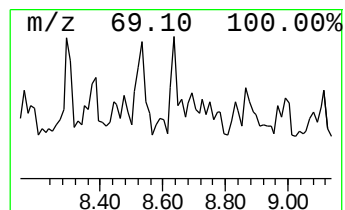
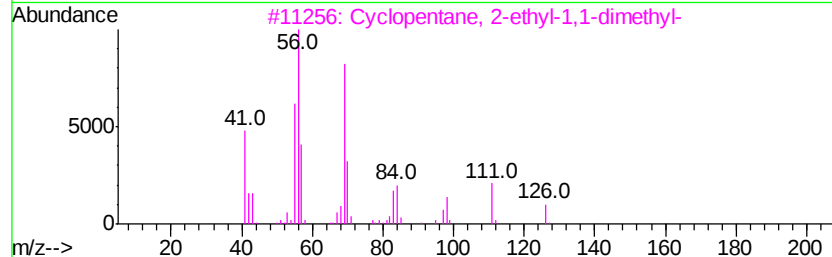
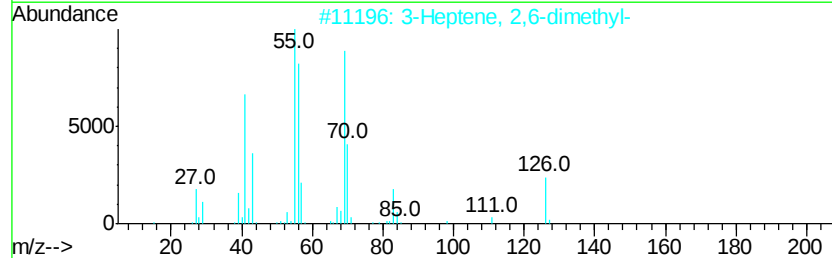
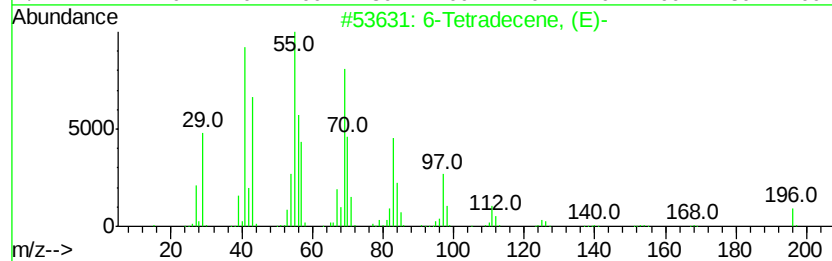
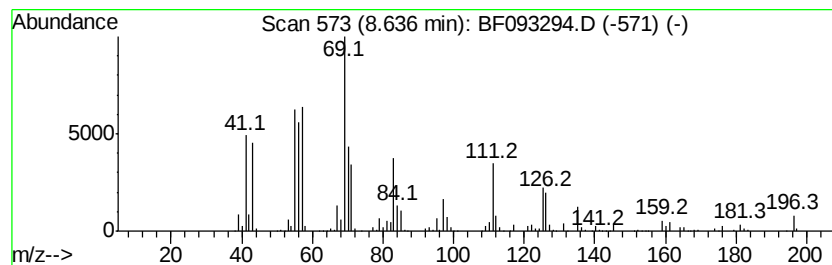
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 6-Tetradecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	20.48 ng	6826100	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tetradecene, (E)-	196	C14H28	041446-64-4	62
2		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58
3		Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	58
4		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	58
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSP-8(3.5-5.5)

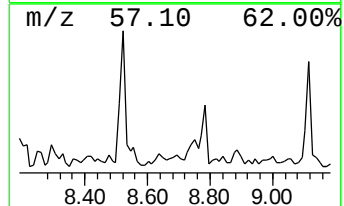
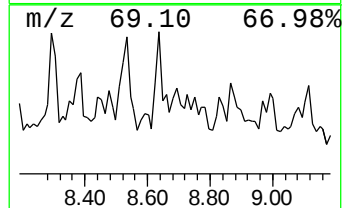
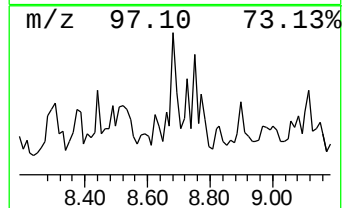
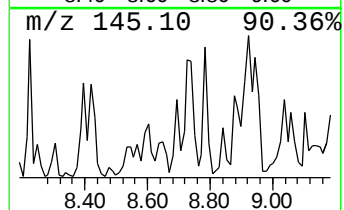
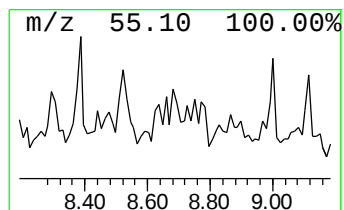
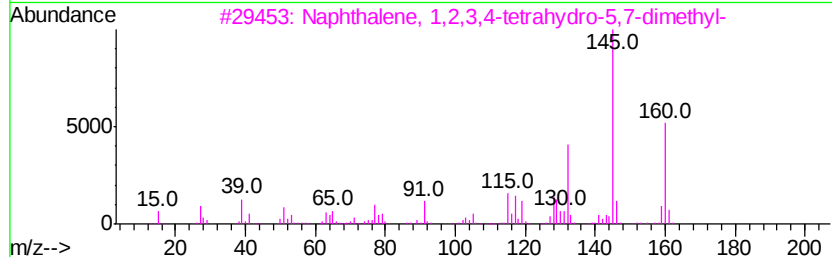
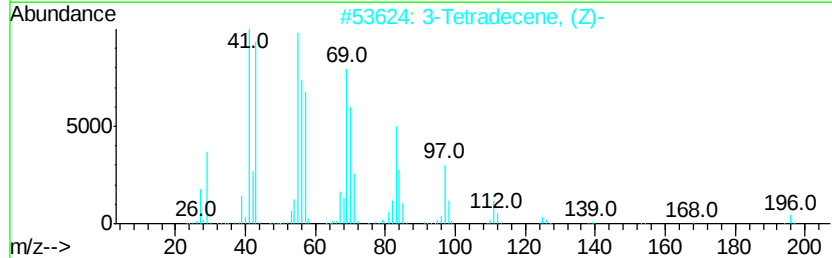
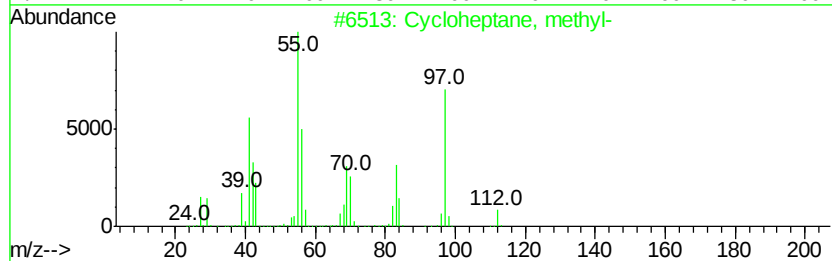
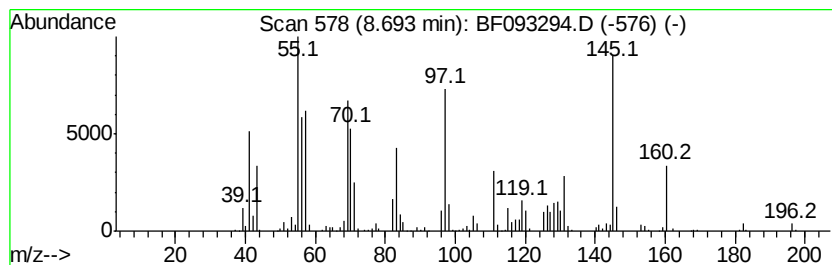
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown8.69 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	16.71 ng	5568550	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptane, methyl-	112	C8H16	004126-78-7	49
2		3-Tetradecene, (Z)-	196	C14H28	041446-67-7	38
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	35
4		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	35
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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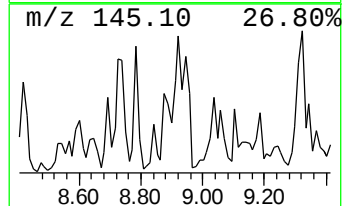
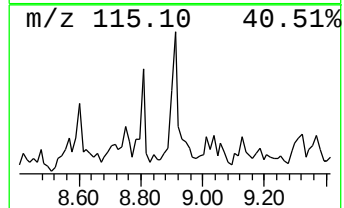
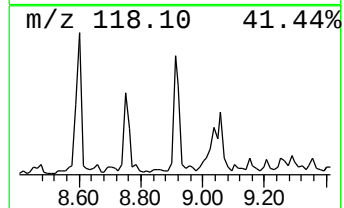
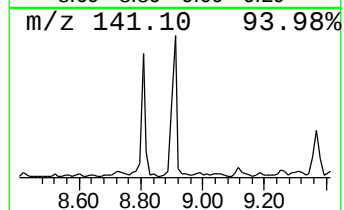
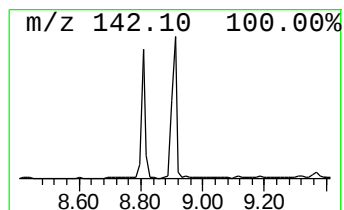
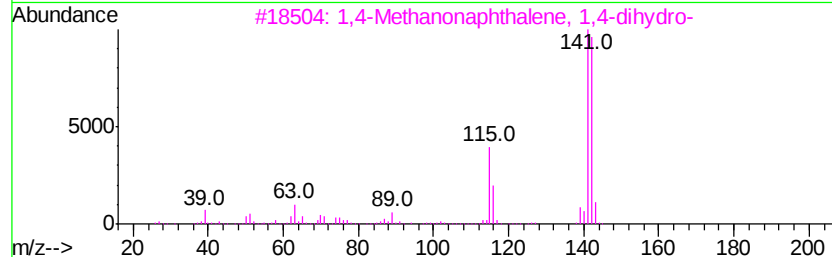
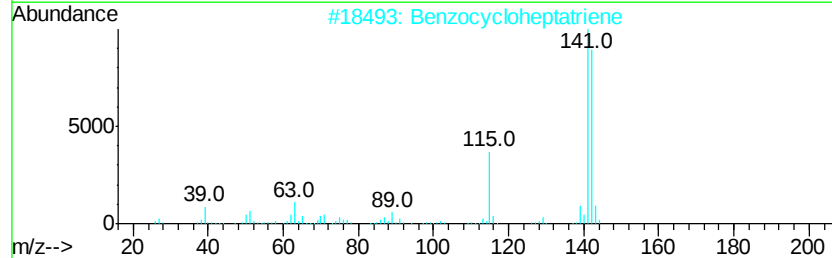
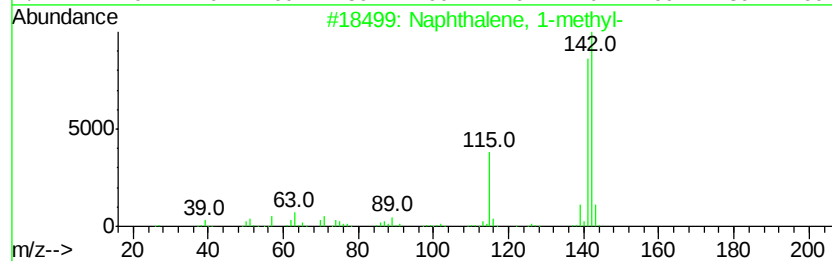
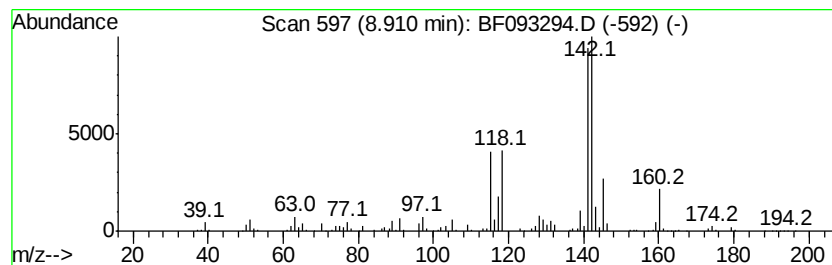
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	34.47 ng	11485700	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
2		Benzocycloheptatriene	142	C11H10	000264-09-5	70
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	70
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	70
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
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Misc :
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ClientSampleId :
SSP-8(3.5-5.5)

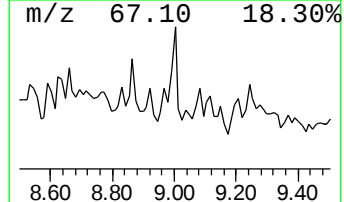
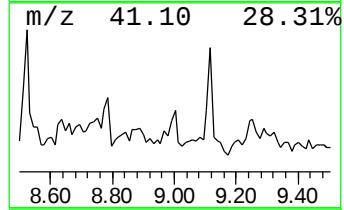
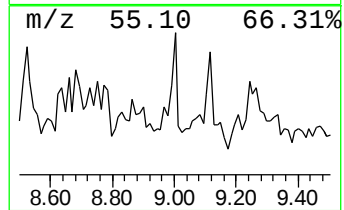
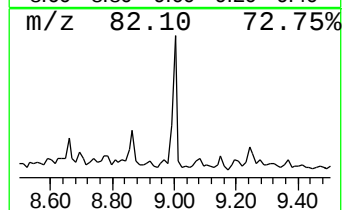
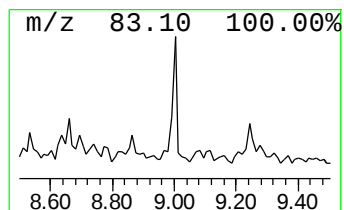
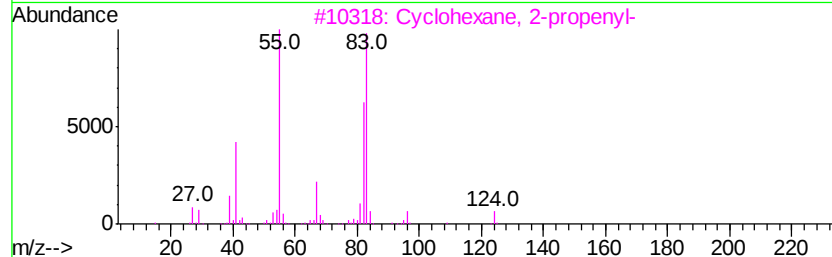
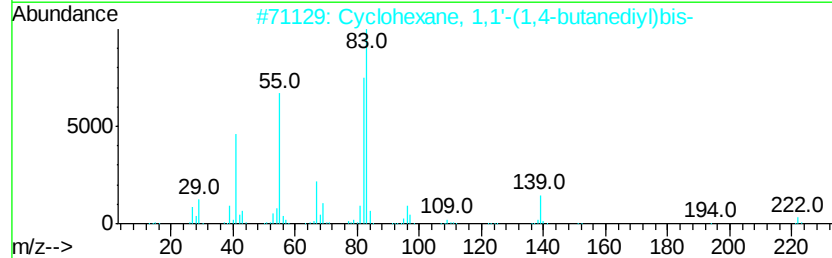
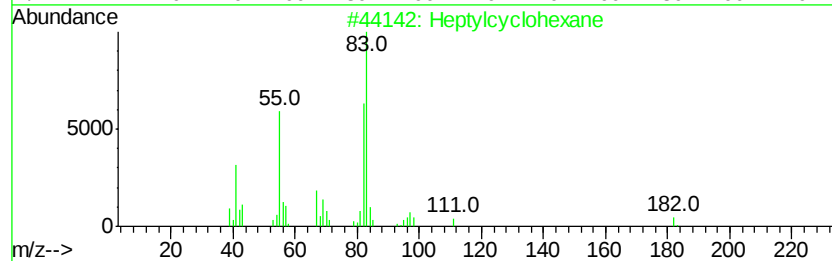
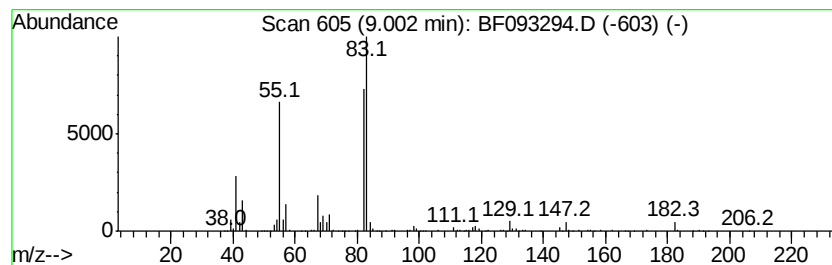
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	19.96 ng	5199440	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	78
2		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	72
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
4		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	56
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSP-8(3.5-5.5)

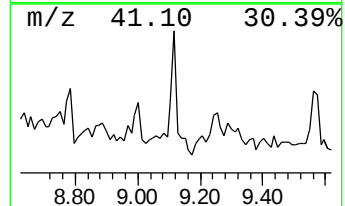
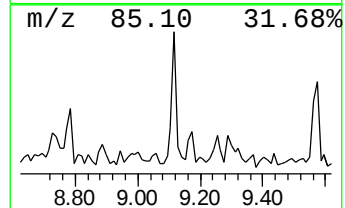
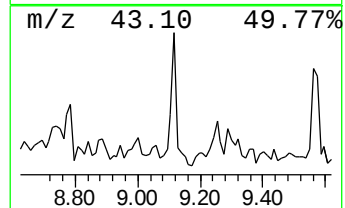
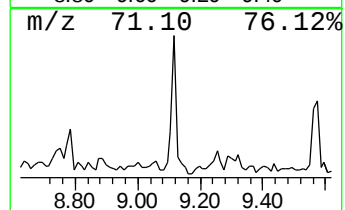
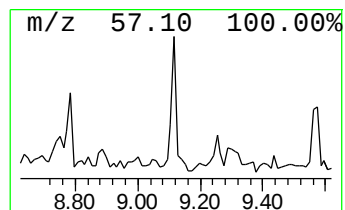
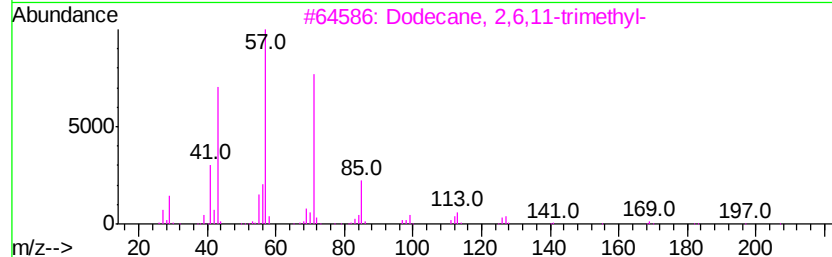
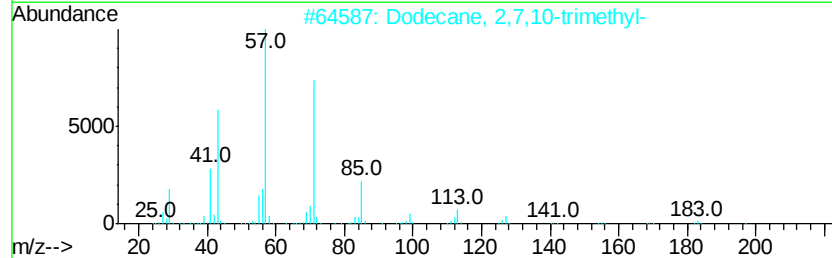
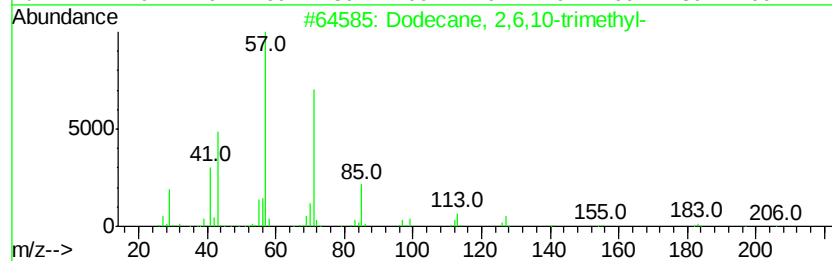
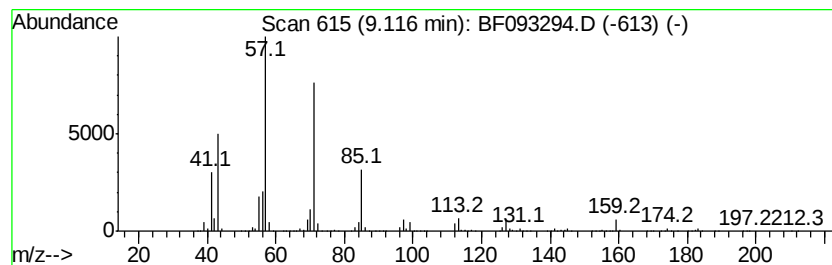
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	29.63 ng	7720100	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
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Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSP-8(3.5-5.5)

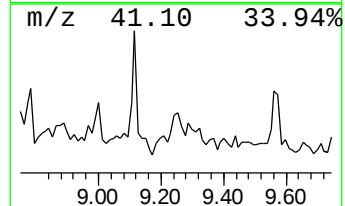
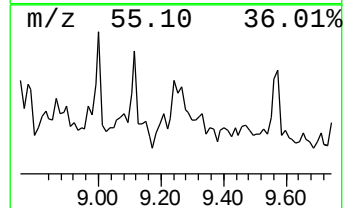
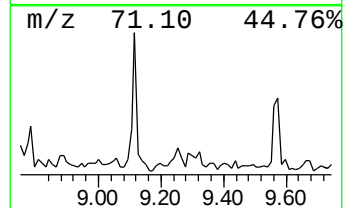
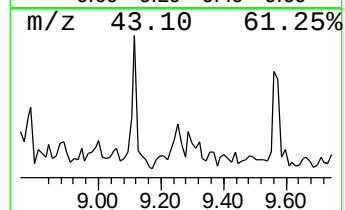
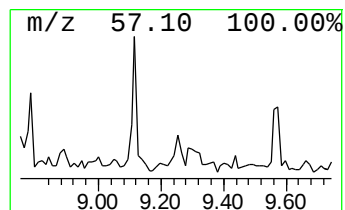
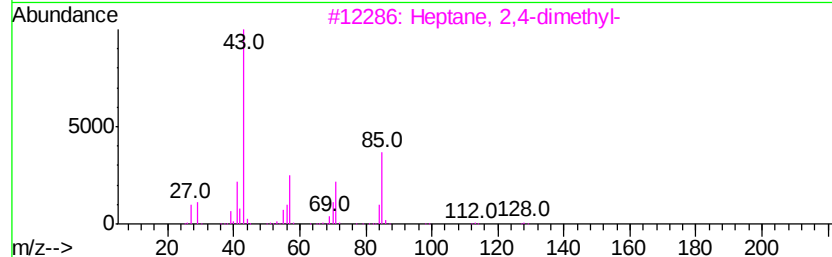
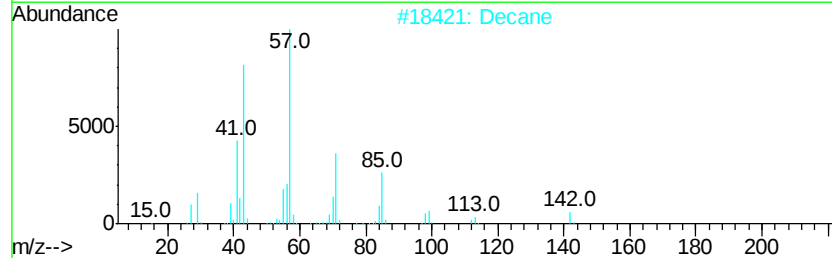
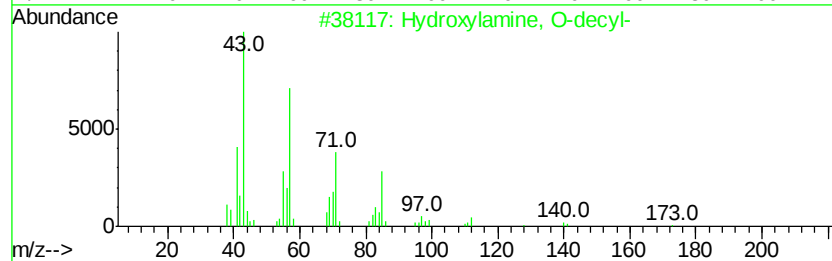
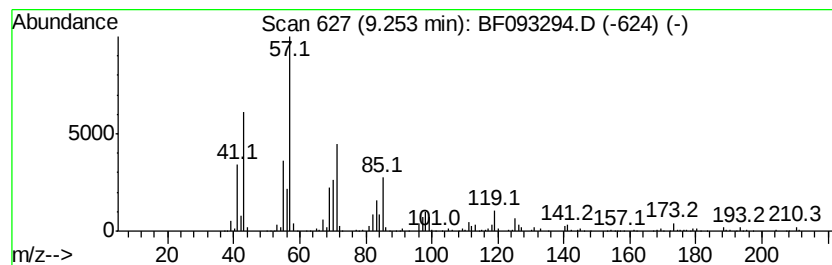
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hydroxylamine, O-decyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	24.86 ng	6478350	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	72
2		Decane	142	C10H22	000124-18-5	59
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	58
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
SSP-8(3.5-5.5)

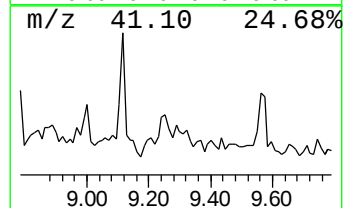
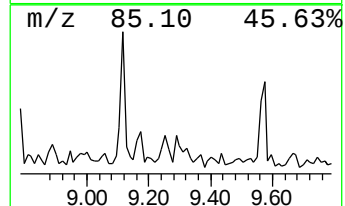
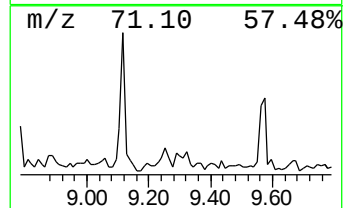
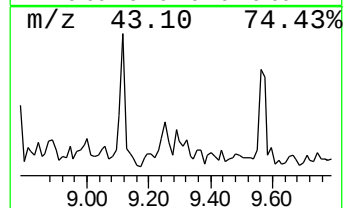
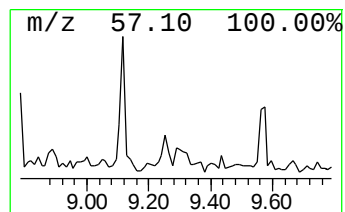
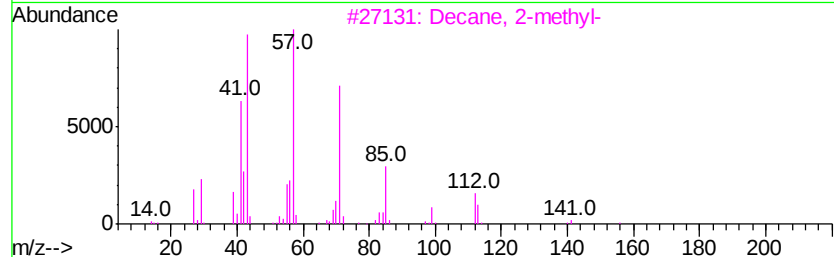
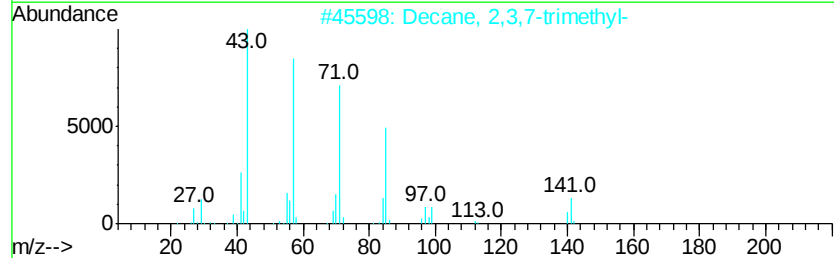
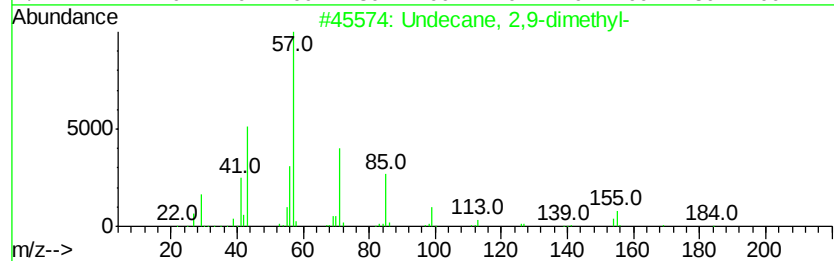
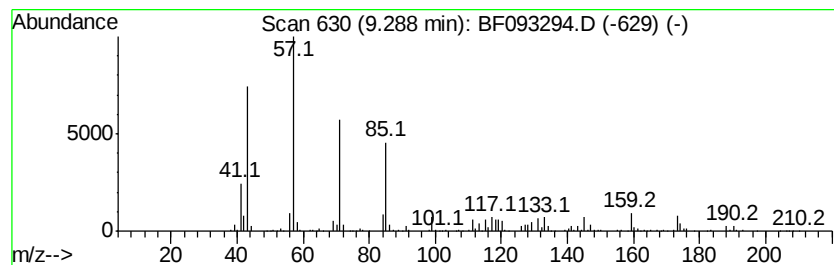
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Undecane, 2,9-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	15.15 ng	3948060	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
2		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	50
3		Decane, 2-methyl-	156	C11H24	006975-98-0	43
4		Nonane	128	C9H20	000111-84-2	43
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)

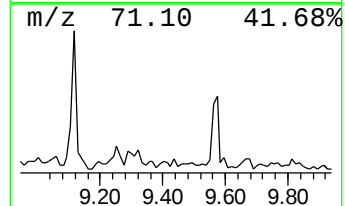
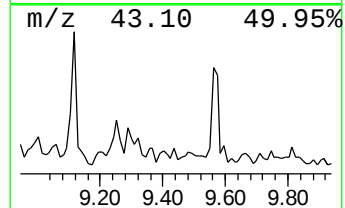
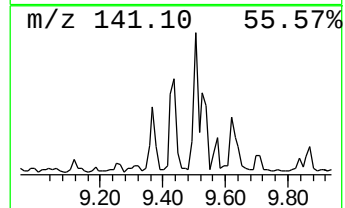
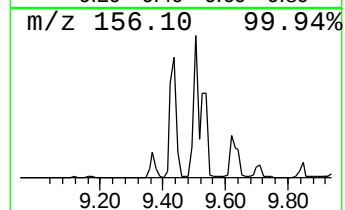
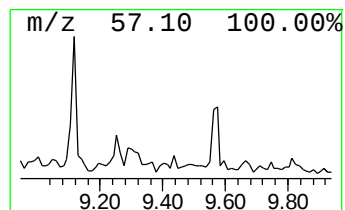
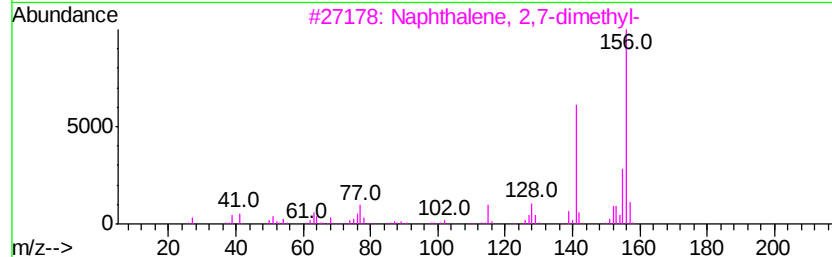
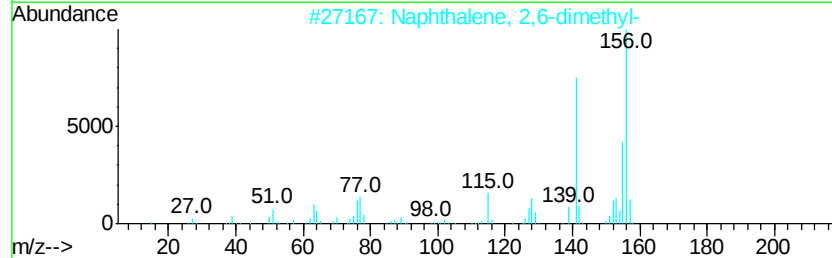
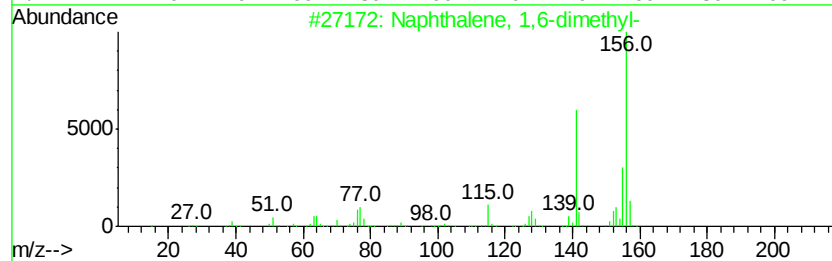
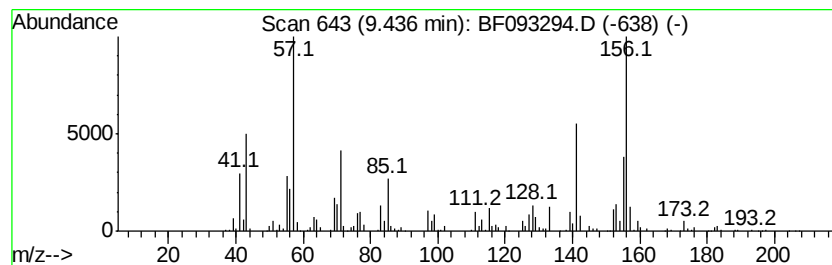
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	22.05 ng	5745030	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093294.D
Acq On : 1 Mar 2017 17:25
Operator : SJ/MA
Sample : I2002-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)

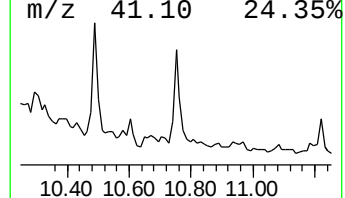
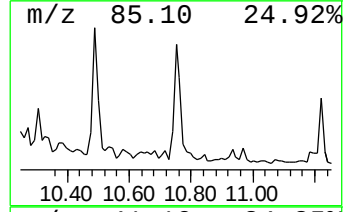
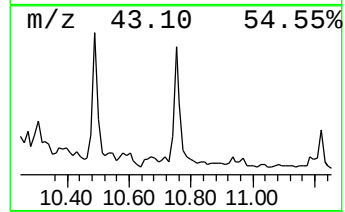
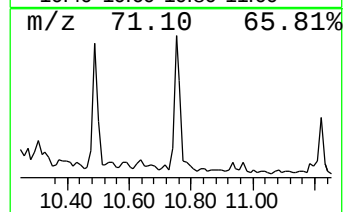
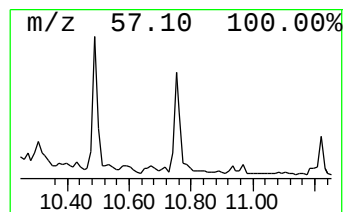
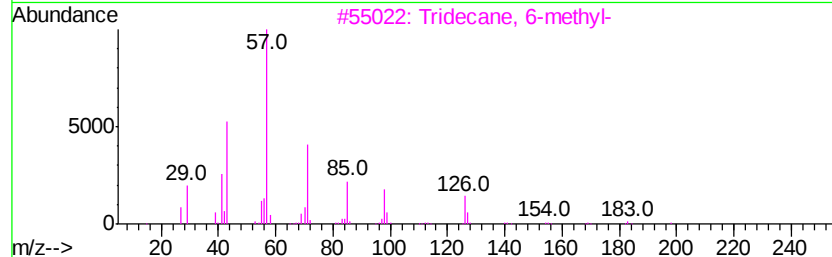
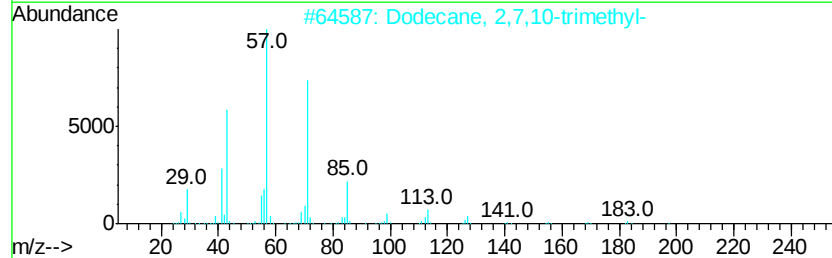
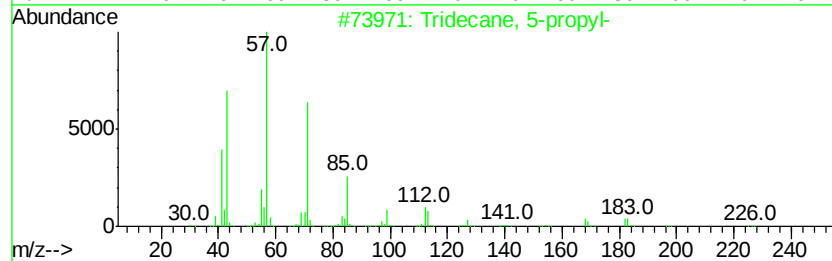
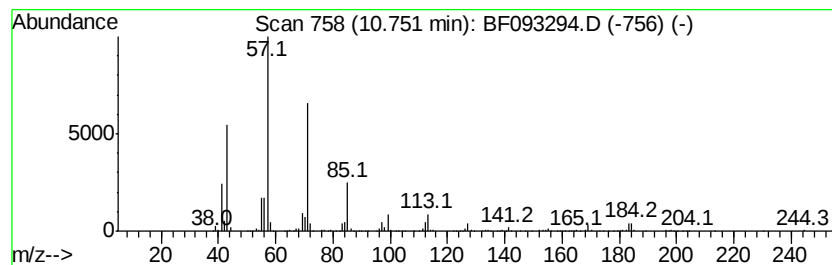
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
10.75	16.45 ng	1082830	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093294.D
 Acq On : 1 Mar 2017 17:25
 Operator : SJ/MA
 Sample : I2002-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane, 5-methyl-	7.53	18.6	ng	6202120	2	8.10	6664680	20.0
Undecane, 3,8-dim...	7.60	19.4	ng	6468170	2	8.10	6664680	20.0
Naphthalene, deca...	7.73	26.5	ng	8829900	2	8.10	6664680	20.0
Benzene, 1,2,4,5-...	7.84	15.8	ng	5253600	2	8.10	6664680	20.0
unknown7.92	7.92	16.8	ng	5606500	2	8.10	6664680	20.0
Undecane, 4-ethyl-	7.97	16.5	ng	5495830	2	8.10	6664680	20.0
Cyclopentane, 1-h...	8.03	18.5	ng	6160230	2	8.10	6664680	20.0
1-Undecene, 7-met...	8.29	16.5	ng	5508590	2	8.10	6664680	20.0
Cyclohexane, hexyl-	8.38	24.7	ng	8244190	2	8.10	6664680	20.0
Octane, 2,6-dimet...	8.52	27.4	ng	9123300	2	8.10	6664680	20.0
6-Tetradecene, (E)-	8.64	20.5	ng	6826100	2	8.10	6664680	20.0
unknown8.69	8.69	16.7	ng	5568550	2	8.10	6664680	20.0
Naphthalene, 1-me...	8.91	34.5	ng	11485700	2	8.10	6664680	20.0
Heptylcyclohexane	9.00	20.0	ng	5199440	3	9.85	5210970	20.0
Dodecane, 2,6,10-...	9.12	29.6	ng	7720100	3	9.85	5210970	20.0
Hydroxylamine, 0-...	9.25	24.9	ng	6478350	3	9.85	5210970	20.0
Undecane, 2,9-dim...	9.29	15.2	ng	3948060	3	9.85	5210970	20.0
Naphthalene, 1,6-...	9.44	22.1	ng	5745030	3	9.85	5210970	20.0
Tridecane, 5-propyl-	10.75	16.4	ng	1082830	4	11.33	1316560	20.0