

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084373.D
 Acq On : 11 Jan 2016 12:11
 Operator : SJ/UM
 Sample : H1043-06 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3N(0-10)

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-BF123115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.790	142	149	152	rBV	215645	349525	1.88%	0.147%
2	5.024	254	257	260	rBV	1088563	1179022	6.36%	0.495%
3	5.458	293	295	298	rVB	3401802	3034871	16.36%	1.274%
4	6.499	383	386	388	rBV	4099064	4113739	22.17%	1.726%
5	6.624	395	397	399	rVB	4201089	3665393	19.76%	1.538%
6	6.693	399	403	405	rVB	381060	363033	1.96%	0.152%
7	6.853	415	417	419	rBV	2031342	1790352	9.65%	0.751%
8	7.013	428	431	432	rBV	2866414	3070741	16.55%	1.289%
9	7.413	464	466	468	rVB	1944608	2141351	11.54%	0.899%
10	7.459	468	470	472	rVB	1527859	1247344	6.72%	0.523%
11	7.573	476	480	482	rBV	183053	350149	1.89%	0.147%
12	7.642	482	486	489	rBV4	205002	576934	3.11%	0.242%
13	7.779	492	498	500	rBV5	225142	724293	3.90%	0.304%
14	7.824	500	502	504	rVB3	237277	292442	1.58%	0.123%
15	7.893	506	508	511	rVB2	458392	623295	3.36%	0.262%
16	7.939	511	512	513	rBV	328345	283274	1.53%	0.119%
17	8.019	517	519	523	rBV5	94440	307053	1.66%	0.129%
18	8.099	523	526	527	rBV3	249984	471096	2.54%	0.198%
19	8.133	527	529	531	rBV2	3836801	5128249	27.64%	2.152%
20	8.213	533	536	537	rVB	814682	1177432	6.35%	0.494%
21	8.236	537	538	542	rVB3	387125	552230	2.98%	0.232%
22	8.305	542	544	546	rBV2	214945	465026	2.51%	0.195%
23	8.350	546	548	549	rVB2	268339	315278	1.70%	0.132%
24	8.442	552	556	559	rBV4	672049	1449907	7.82%	0.608%
25	8.487	559	560	562	rBV2	527338	592061	3.19%	0.248%
26	8.522	562	563	565	rVB	1008312	973963	5.25%	0.409%
27	8.567	565	567	572	rBV	2392246	3175589	17.12%	1.333%
28	8.647	572	574	575	rBV	534615	542473	2.92%	0.228%
29	8.705	575	579	580	rBV4	199264	431817	2.33%	0.181%
30	8.739	580	582	584	rBV	5448941	5399328	29.10%	2.266%
31	8.796	584	587	589	rBV3	278461	470612	2.54%	0.197%
32	8.853	589	592	594	rVB2	1136925	1927395	10.39%	0.809%
33	8.899	594	596	597	rBV3	271066	403218	2.17%	0.169%
34	8.956	597	601	603	rBV3	1041745	1813096	9.77%	0.761%

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35	9.025	605	607	608	rBV2	823317	918787	4.95%	0.386%
36	9.105	612	614	616	rVB2	1376563	1204123	6.49%	0.505%
37	9.173	618	620	622	rVB	3382357	2991826	16.13%	1.255%
38	9.219	622	624	626	rVB	4052935	3471009	18.71%	1.457%
39	9.310	629	632	634	rBV	7962491	9333733	50.31%	3.917%
40	9.367	634	637	640	rBV4	608429	1450862	7.82%	0.609%
41	9.413	640	641	643	rVB	704380	950554	5.12%	0.399%
42	9.493	644	648	650	rBV2	1468398	2576796	13.89%	1.081%
43	9.562	650	654	657	rBV2	2891164	5912593	31.87%	2.481%
44	9.630	657	660	663	rBV3	5287825	9059277	48.83%	3.802%
45	9.687	663	665	666	rVB2	1550739	1860589	10.03%	0.781%
46	9.733	666	669	670	rBV3	361279	629745	3.39%	0.264%
47	9.768	670	672	674	rBV3	889176	1589191	8.57%	0.667%
48	9.813	674	676	677	rBV	1871430	1852169	9.98%	0.777%
49	9.848	677	679	680	rVB	8167135	9202530	49.60%	3.862%
50	9.905	680	684	685	rBV3	1929166	4001845	21.57%	1.679%
51	9.939	685	687	688	rBV2	778346	841796	4.54%	0.353%
52	10.008	691	693	695	rVB	1536758	1976741	10.66%	0.830%
53	10.065	695	698	700	rBV3	1478070	3430262	18.49%	1.439%
54	10.099	700	701	703	rVV	2292428	2111302	11.38%	0.886%
55	10.168	703	707	708	rVB3	1830472	3763865	20.29%	1.579%
56	10.225	710	712	713	rBV	857980	923601	4.98%	0.388%
57	10.339	718	722	724	rBV	6469381	11284853	60.83%	4.736%
58	10.442	729	731	732	rBV2	1004039	973342	5.25%	0.408%
59	10.556	738	741	744	rBV	4407909	8071668	43.51%	3.387%
60	10.613	744	746	747	rVB2	1281602	1409001	7.60%	0.591%
61	10.648	747	749	750	rBV	1268135	1415854	7.63%	0.594%
62	10.682	750	752	754	rVB3	1582829	2675851	14.42%	1.123%
63	10.728	754	756	759	rVB4	896793	1579764	8.52%	0.663%
64	10.819	761	764	768	rVV	9456020	18551639	100.00%	7.785%
65	10.888	769	770	775	rVB4	1023158	1480016	7.98%	0.621%
66	11.002	778	780	781	rVV2	1518673	2012146	10.85%	0.844%
67	11.036	781	783	785	rVV3	1409814	2300575	12.40%	0.965%
68	11.070	785	786	787	rVV	890865	666163	3.59%	0.280%
69	11.150	790	793	794	rVB3	1224012	2007482	10.82%	0.842%
70	11.265	801	803	804	rBV	7802084	7203986	38.83%	3.023%
71	11.299	804	806	808	rVB	5012200	5824290	31.40%	2.444%

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72	11.391	812	814	817	rBV3	1765308	2937130	15.83%	1.233%
73	11.505	822	824	825	rBV2	834733	736844	3.97%	0.309%
74	11.573	828	830	831	rVB	953695	994963	5.36%	0.418%
75	11.642	834	836	838	rVB	1494028	1384410	7.46%	0.581%
76	11.688	838	840	842	rBV	6517146	6995945	37.71%	2.936%
77	11.848	852	854	857	rBV2	957618	1823404	9.83%	0.765%
78	11.893	857	858	859	rVV	1035439	943552	5.09%	0.396%
79	11.916	859	860	861	rVV	1523777	1228805	6.62%	0.516%
80	11.996	864	867	869	rVV3	1174739	2446411	13.19%	1.027%
81	12.065	871	873	874	rBV	370892	379660	2.05%	0.159%
82	12.099	874	876	877	rVV	5916220	6544500	35.28%	2.746%
83	12.122	877	878	880	rVB2	410883	322533	1.74%	0.135%
84	12.328	893	896	898	rBV3	552736	1241762	6.69%	0.521%
85	12.373	898	900	904	rVV3	1160761	2112352	11.39%	0.886%
86	12.442	904	906	907	rVV	892423	1099985	5.93%	0.462%
87	12.476	907	909	911	rVV	4491405	4606860	24.83%	1.933%
88	12.522	911	913	914	rVB	333946	309336	1.67%	0.130%
89	12.819	938	939	940	rBV	378074	337700	1.82%	0.142%
90	12.854	940	942	943	rVV	2873683	3420532	18.44%	1.435%
91	12.876	943	944	948	rVV3	361989	652456	3.52%	0.274%
92	12.968	950	952	956	rVB	3353654	3500443	18.87%	1.469%
93	13.208	970	973	975	rVV	1156610	1543743	8.32%	0.648%
94	13.242	975	976	982	rVB5	155761	298299	1.61%	0.125%
95	13.539	1000	1002	1005	rVB	634791	712548	3.84%	0.299%
96	13.871	1029	1031	1037	rVB	591678	730229	3.94%	0.306%
97	14.019	1041	1044	1046	rBV	1337000	1575734	8.49%	0.661%
98	15.448	1166	1169	1177	rVB	953398	1369381	7.38%	0.575%
99	16.122	1222	1228	1236	rVB3	268505	833424	4.49%	0.350%
100	16.534	1262	1264	1270	rVB2	141675	307533	1.66%	0.129%

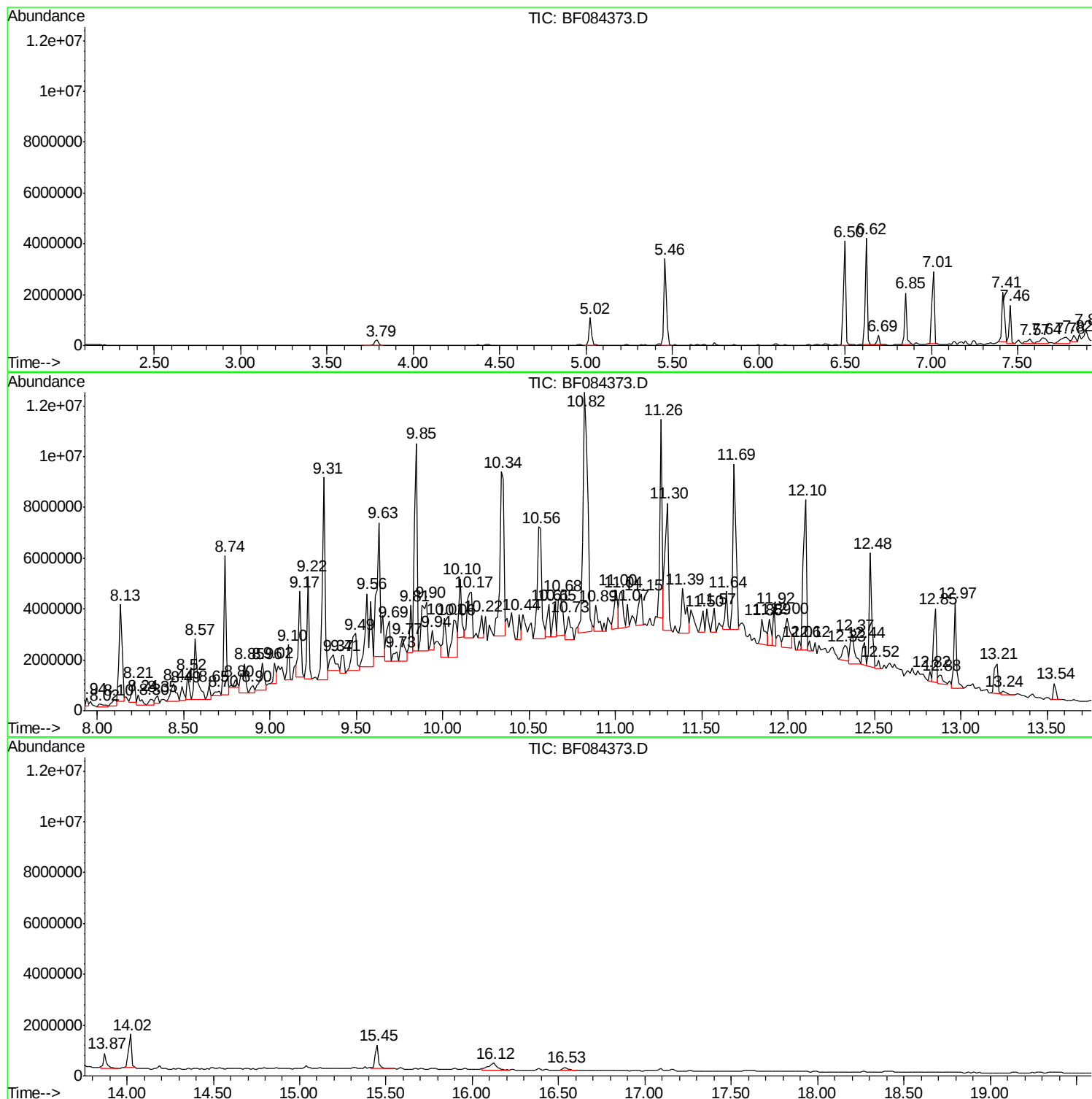
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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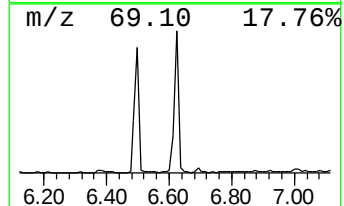
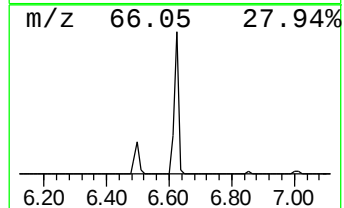
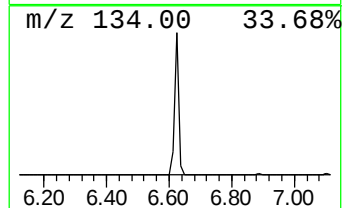
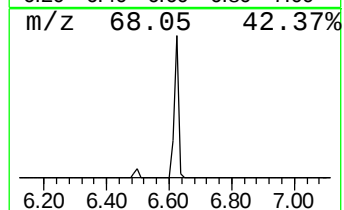
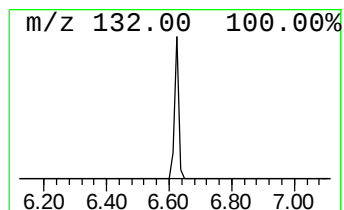
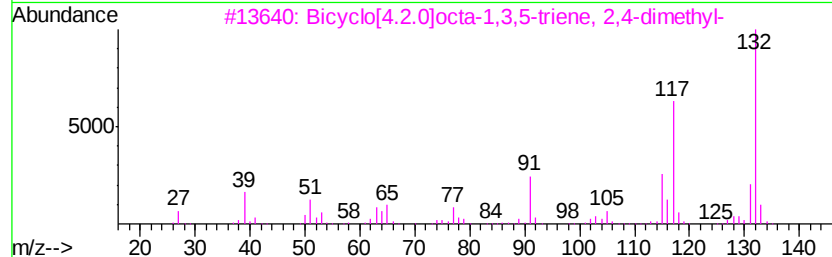
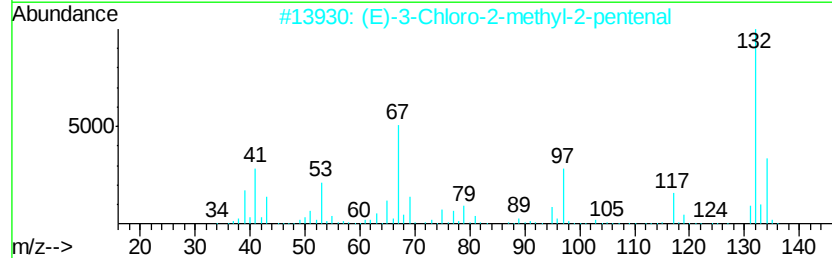
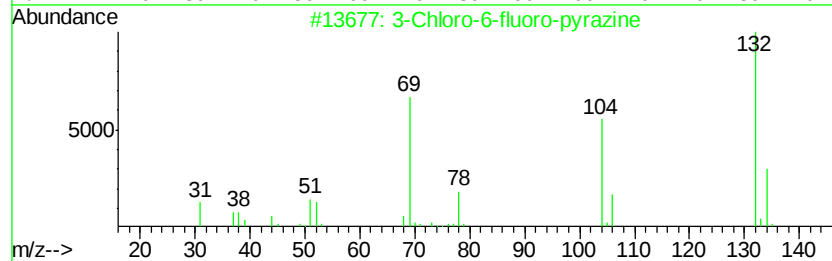
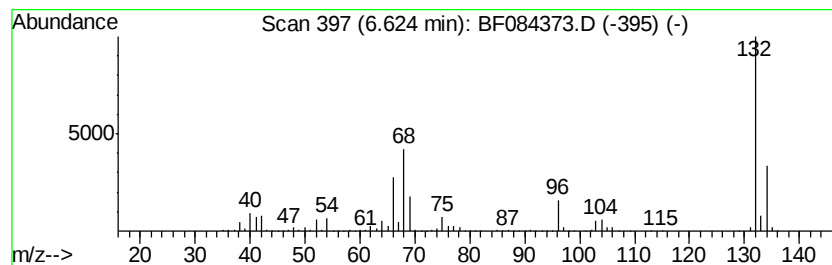
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	40.95 ng	3665390	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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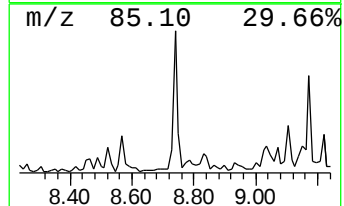
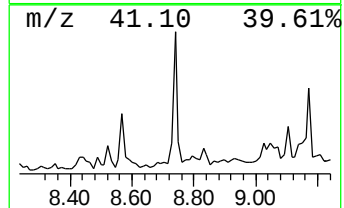
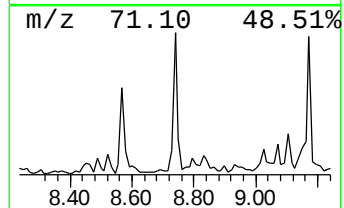
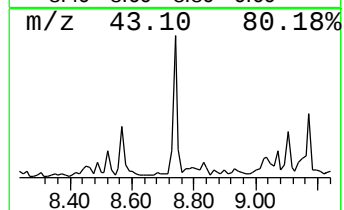
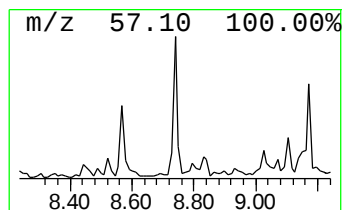
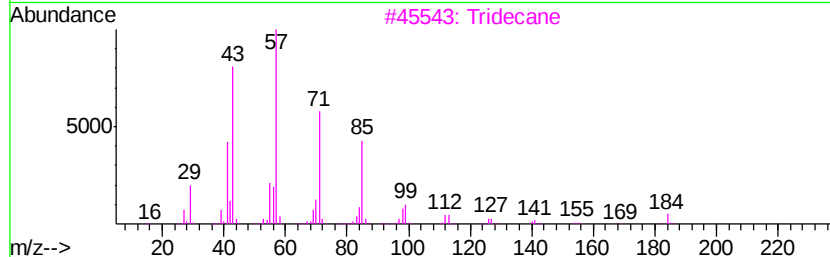
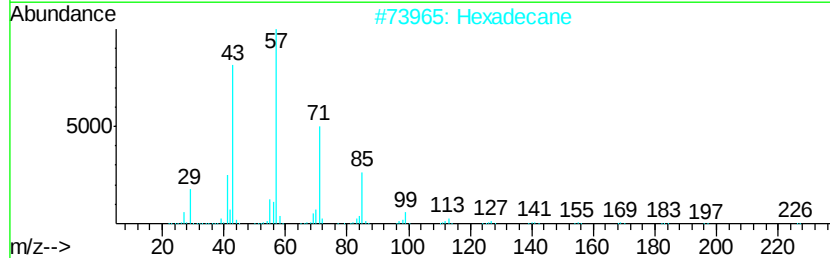
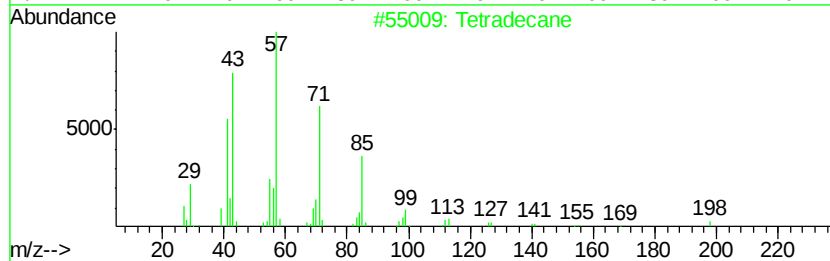
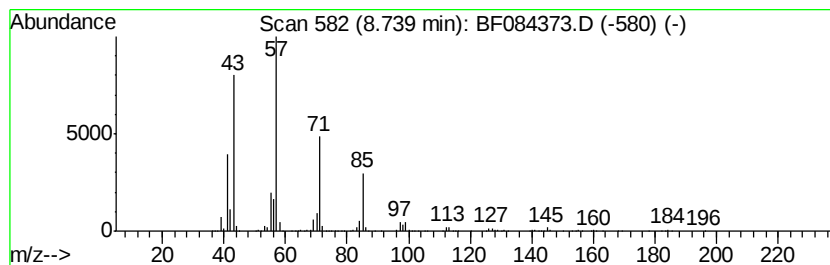
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	21.06 ng	5399330	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	81
5		Dodecane	170	C12H26	000112-40-3	72



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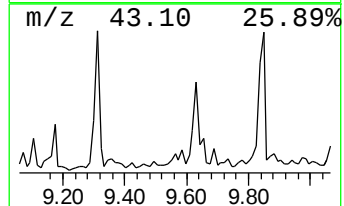
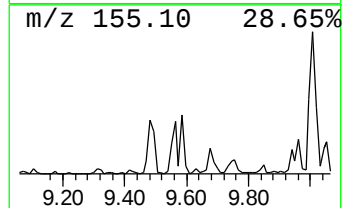
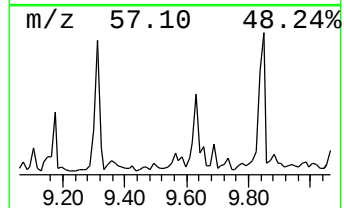
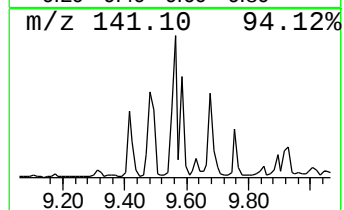
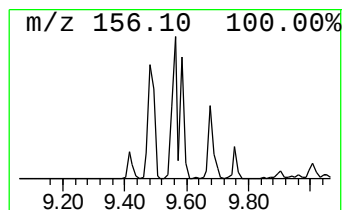
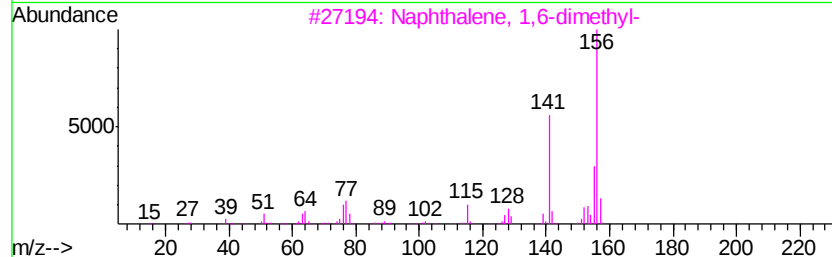
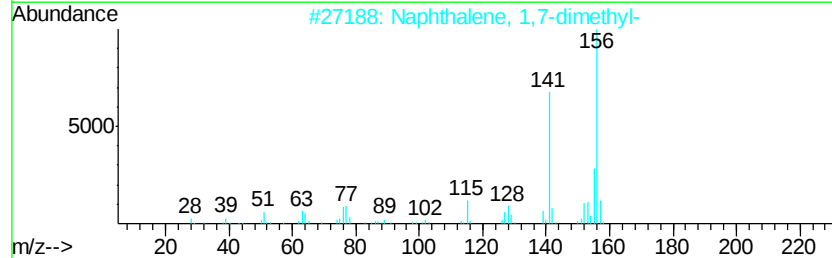
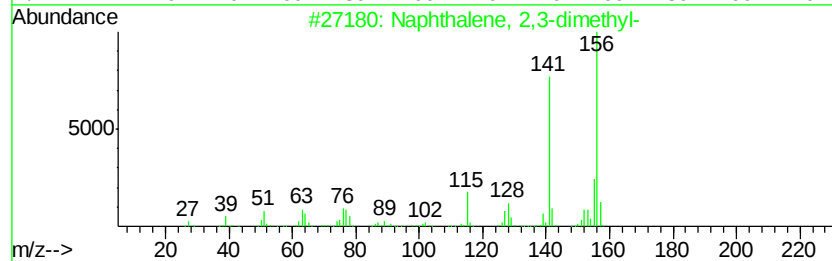
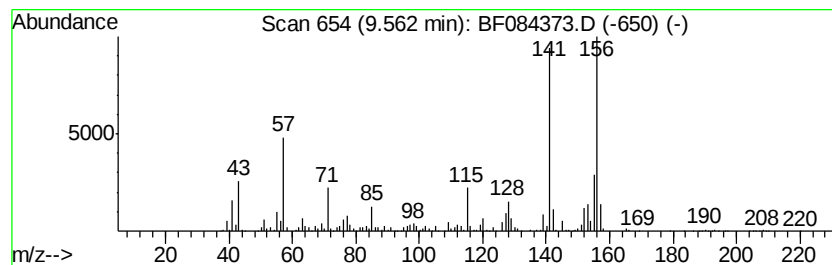
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Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	29.55 ng	5912590	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
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Acq On : 11 Jan 2016 12:11
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
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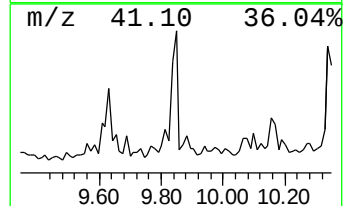
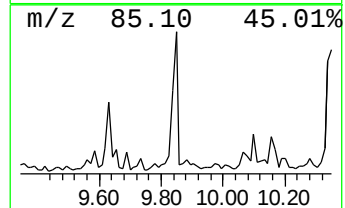
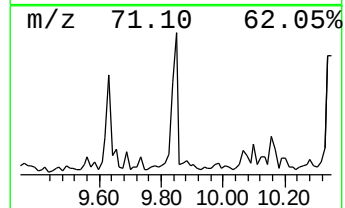
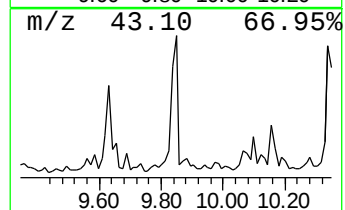
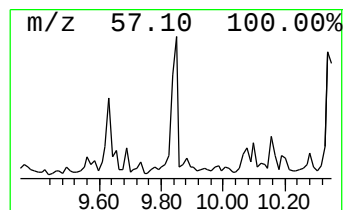
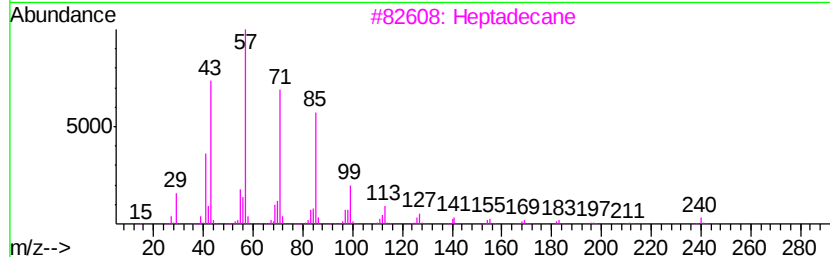
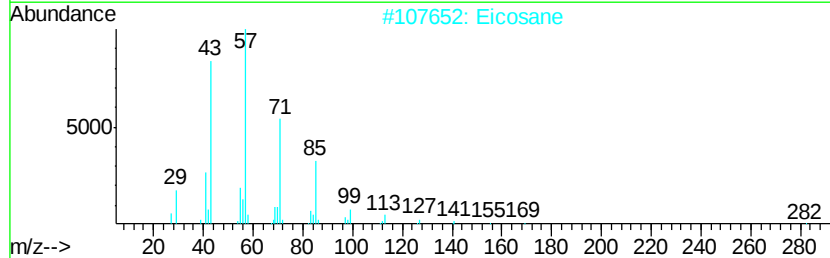
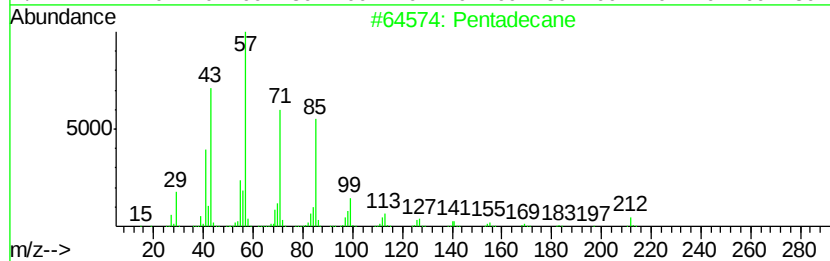
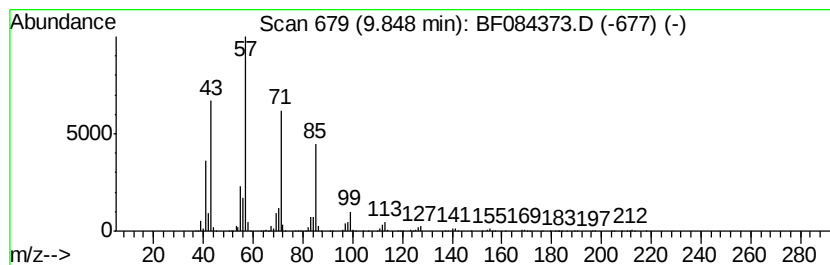
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ClientSampleId :
SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	45.99 ng	9202530	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	95
2	Eicosane	282 C20H42	000112-95-8	91
3	Heptadecane	240 C17H36	000629-78-7	83
4	Hexadecane	226 C16H34	000544-76-3	72
5	Undecane, 5,7-dimethyl-	184 C13H28	017312-83-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084373.D
Acq On : 11 Jan 2016 12:11
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3N(0-10)

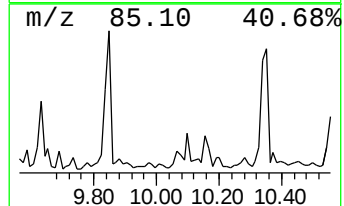
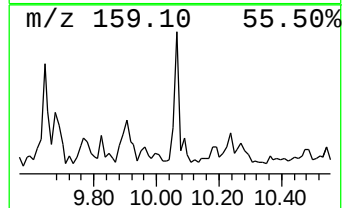
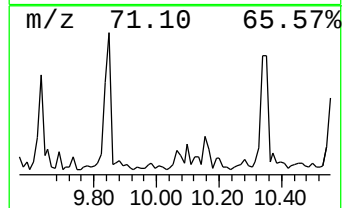
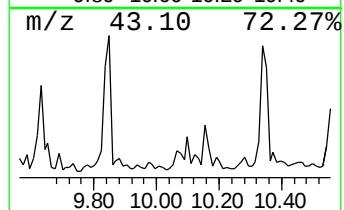
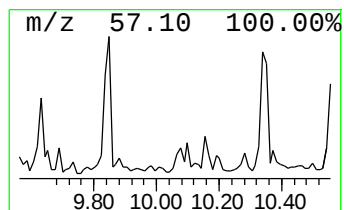
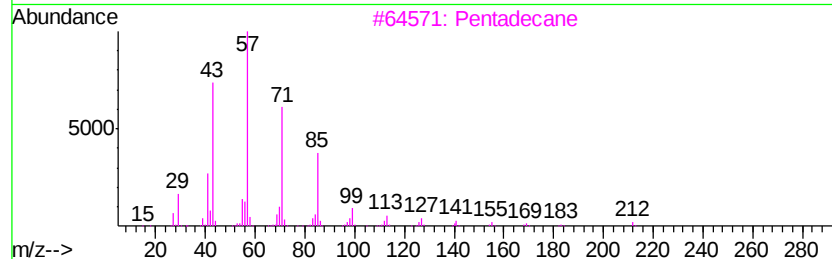
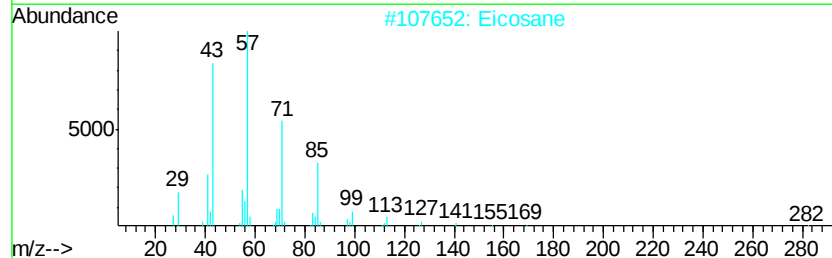
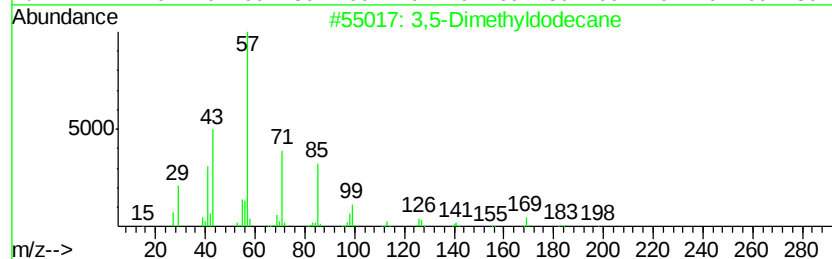
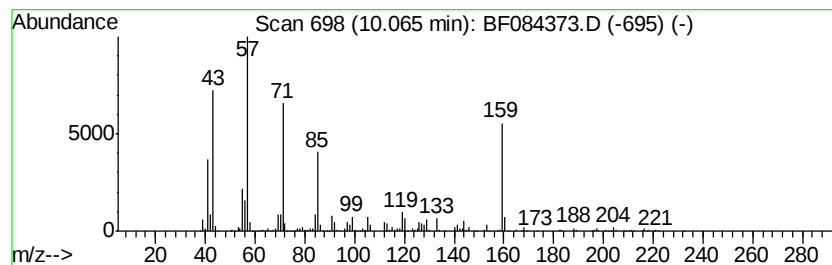
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	17.14 ng	3430260	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	49
2		Eicosane	282	C20H42	000112-95-8	49
3		Pentadecane	212	C15H32	000629-62-9	46
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	46
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084373.D
Acq On : 11 Jan 2016 12:11
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3N(0-10)

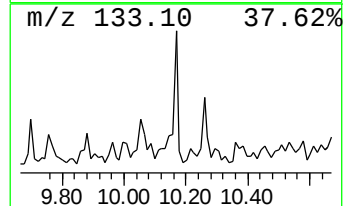
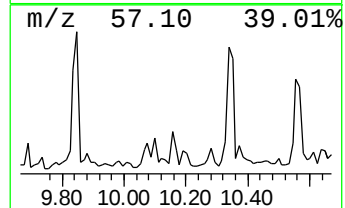
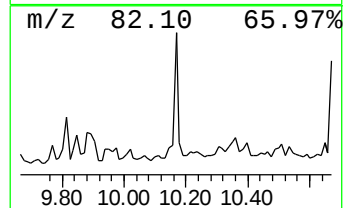
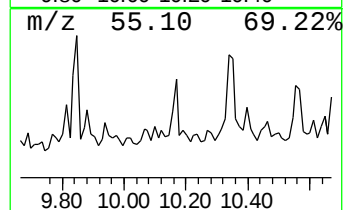
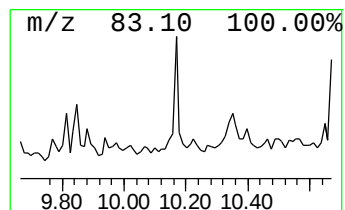
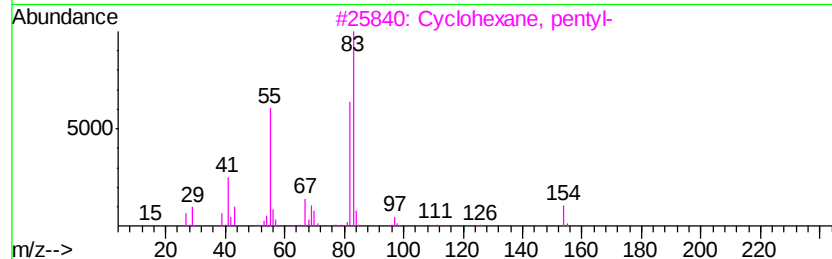
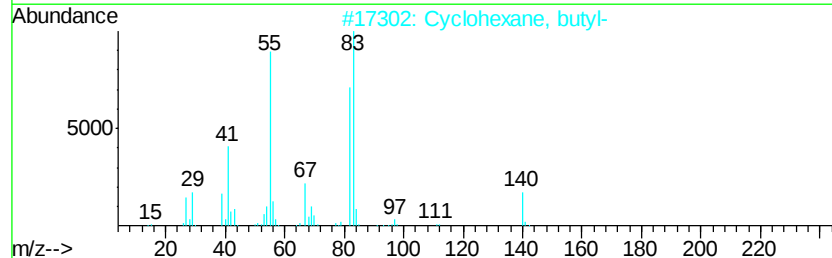
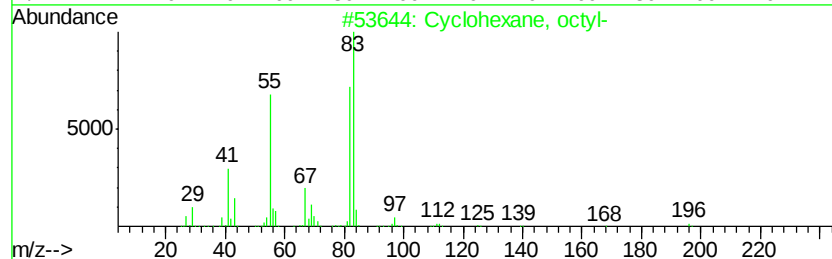
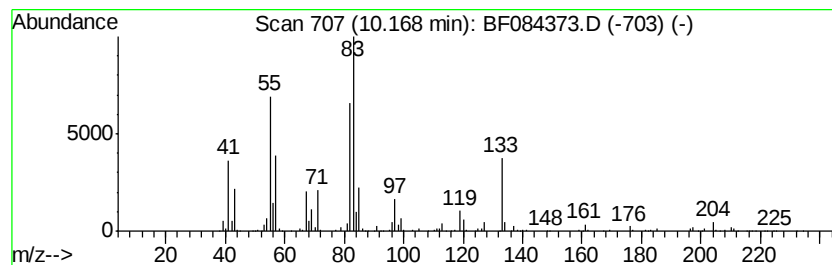
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, octyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	18.81 ng	3763870	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	91
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	52
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4		n-Amylcyclohexane	154	C11H22	029949-27-7	50
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084373.D
Acq On : 11 Jan 2016 12:11
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
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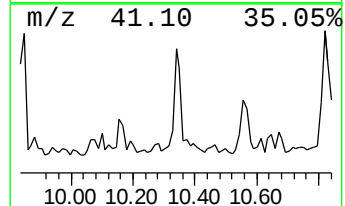
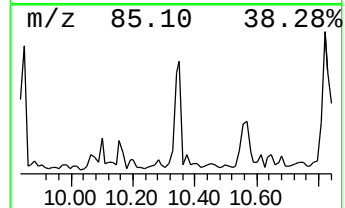
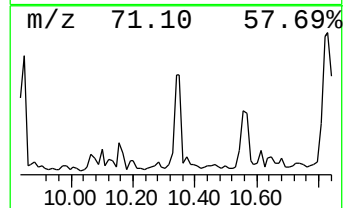
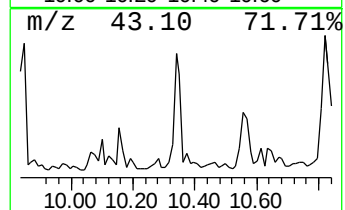
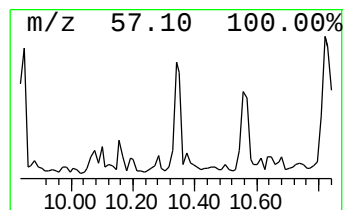
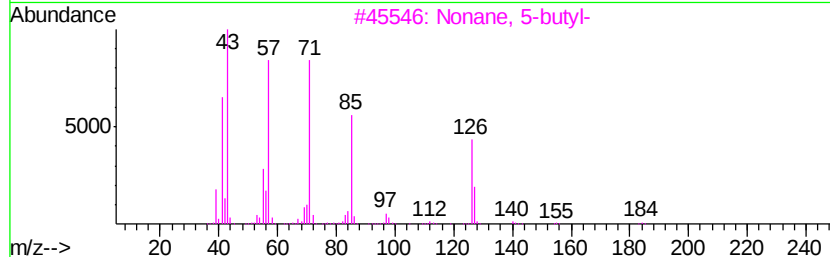
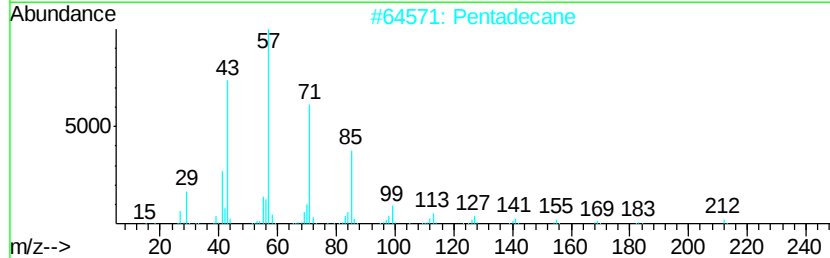
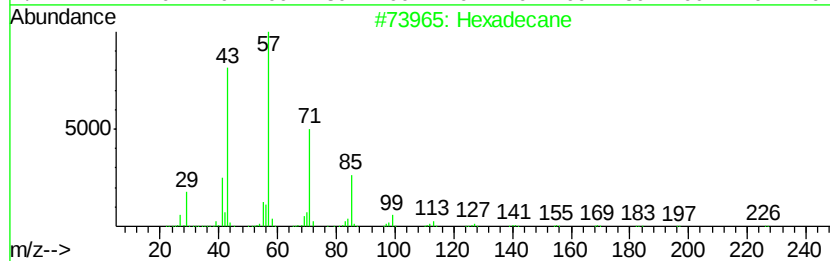
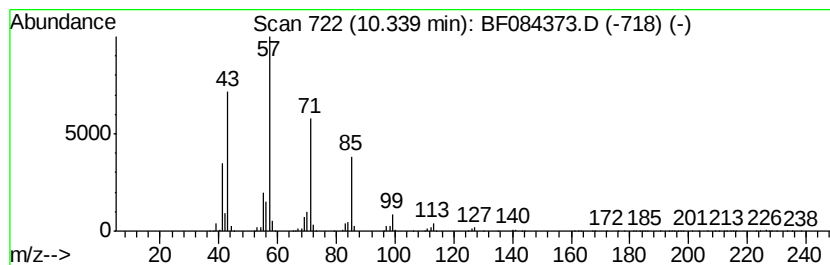
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ClientSampleId :
SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	56.40 ng	11284900	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Pentadecane	212 C15H32	000629-62-9	90
3	Nonane, 5-butyl-	184 C13H28	017312-63-9	72
4	Tridecane, 6-propyl-	226 C16H34	055045-10-8	72
5	Tetradecane, 2-methyl-	212 C15H32	001560-95-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
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Operator : SJ/UM
Sample : H1043-06 2X
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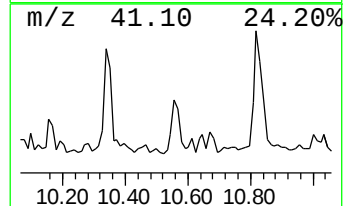
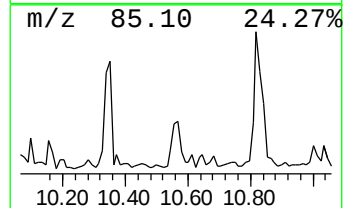
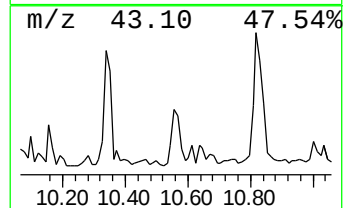
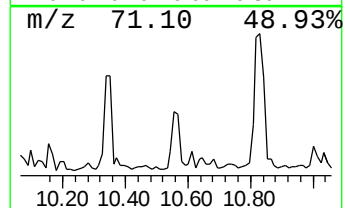
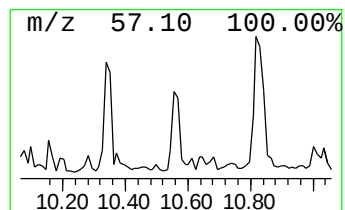
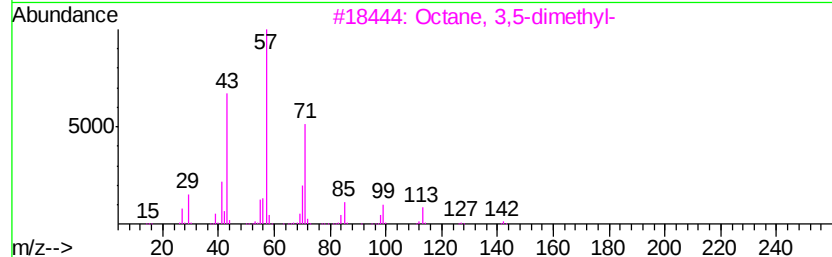
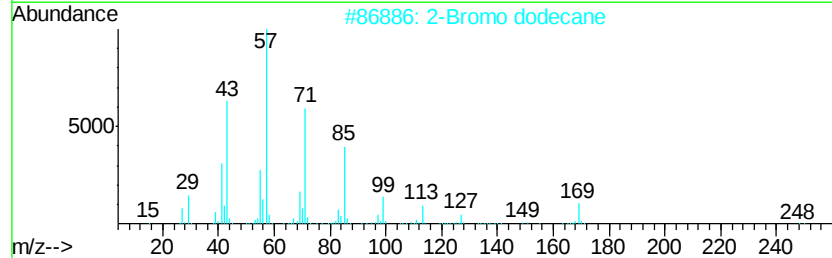
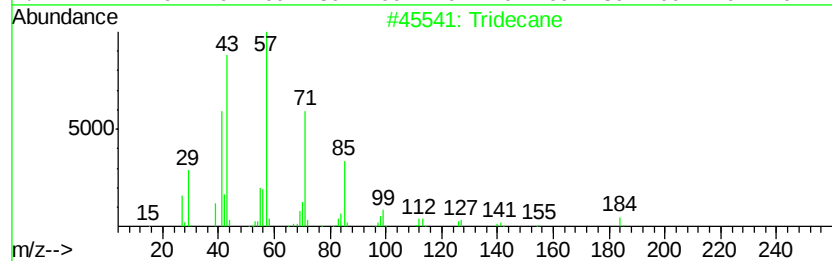
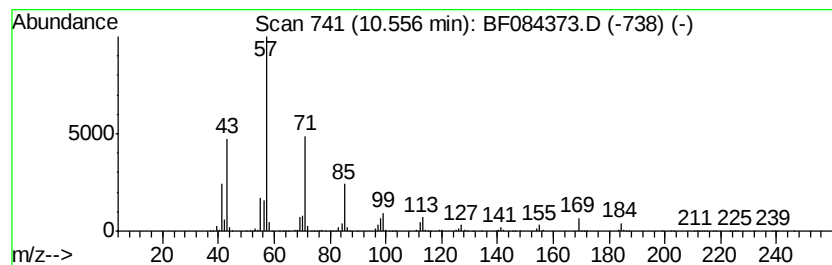
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	40.34 ng	8071670	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	72
2	2-Bromo dodecane	248 C12H25Br	013187-99-0	72
3	Octane, 3,5-dimethyl-	142 C10H22	015869-93-9	64
4	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	64
5	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
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SB-3N(0-10)

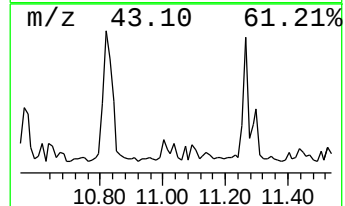
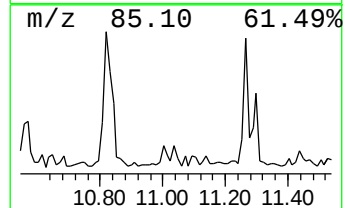
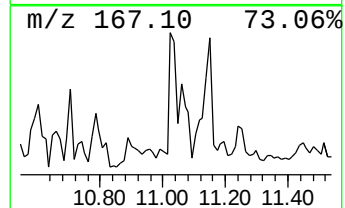
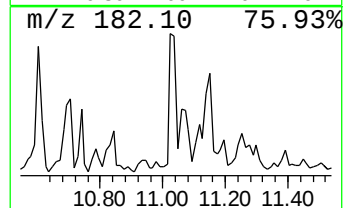
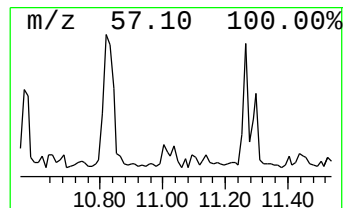
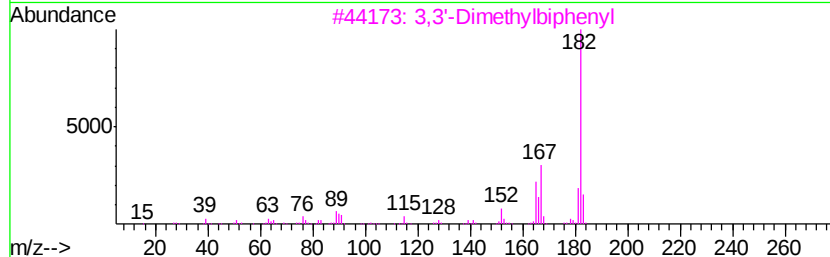
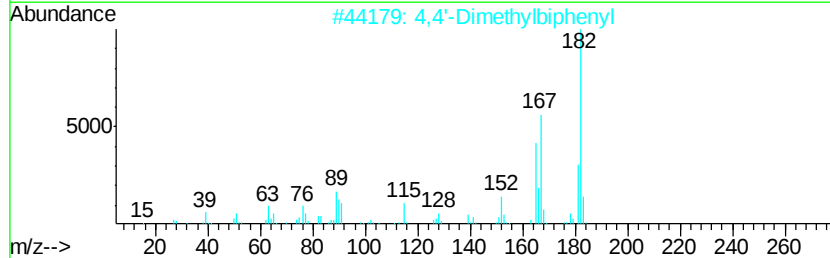
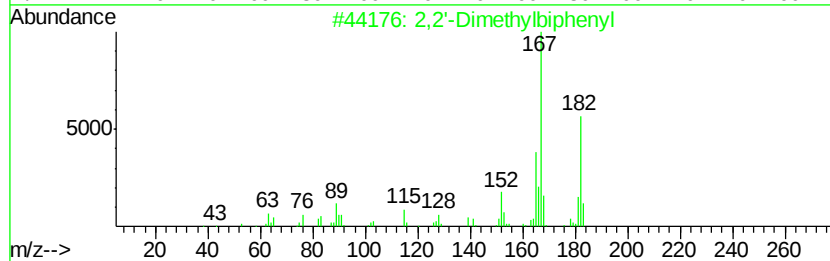
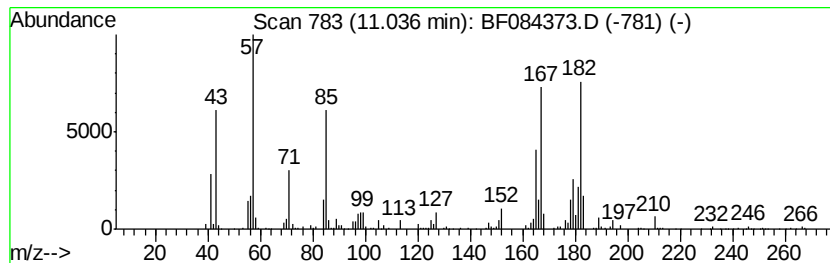
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,2'-Dimethylbiphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	15.67 ng	2300580	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	60
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	58
3			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	58
4			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	53
5			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084373.D
Acq On : 11 Jan 2016 12:11
Operator : SJ/UM
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SB-3N(0-10)

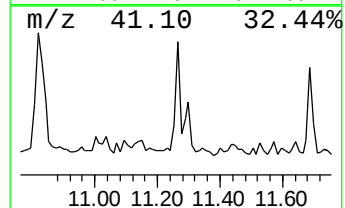
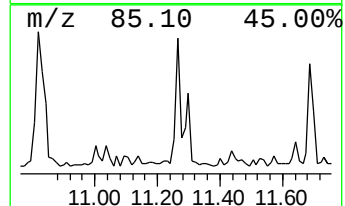
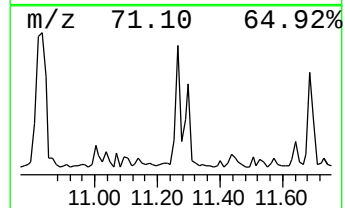
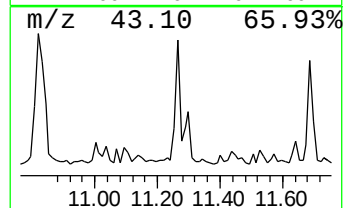
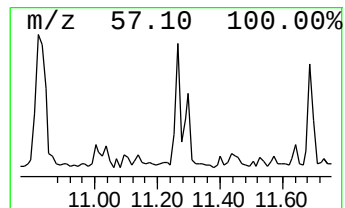
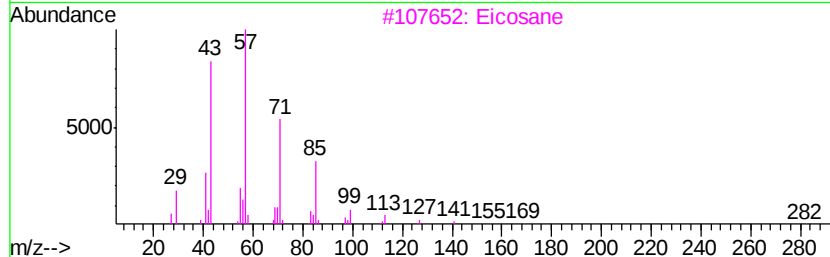
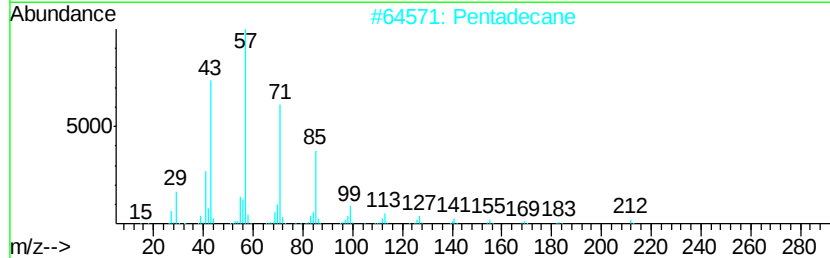
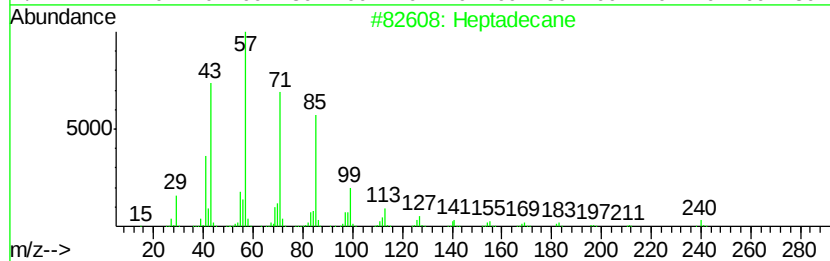
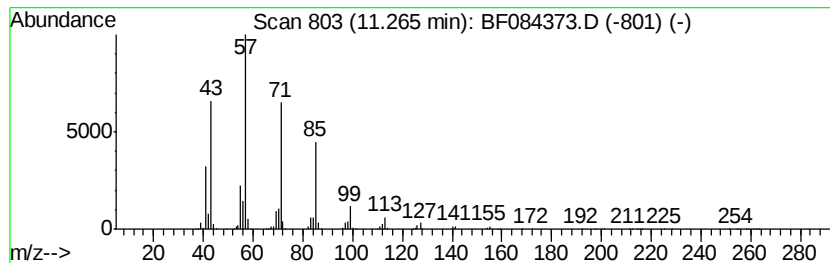
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	49.05 ng	7203990	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Pentadecane	212	C15H32	000629-62-9	83
3			Eicosane	282	C20H42	000112-95-8	83
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084373.D
Acq On : 11 Jan 2016 12:11
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-3N(0-10)

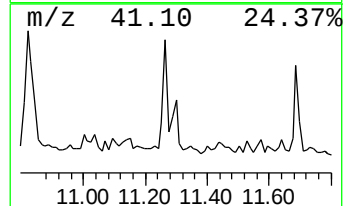
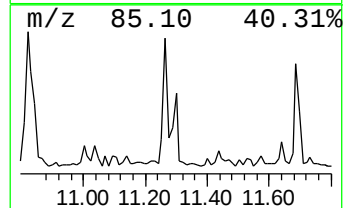
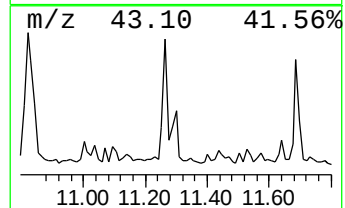
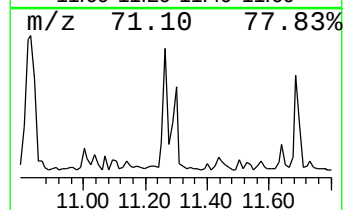
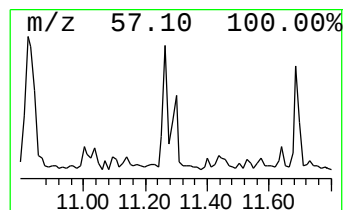
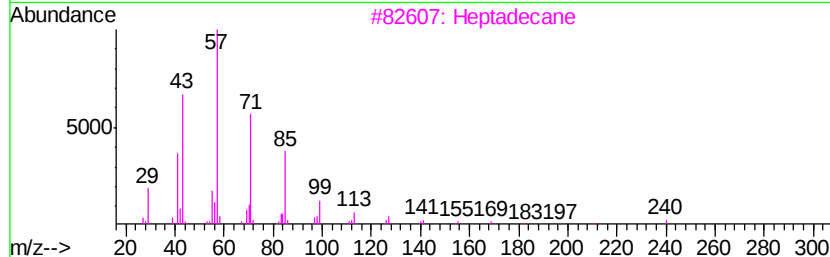
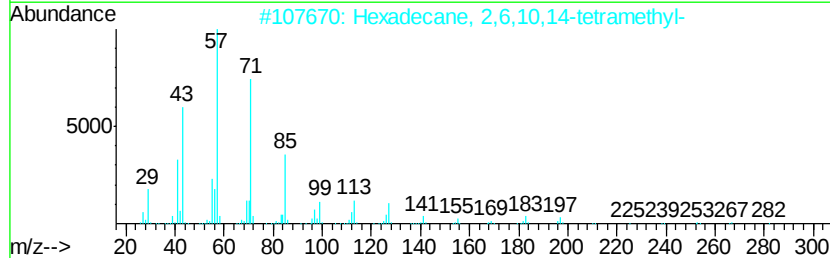
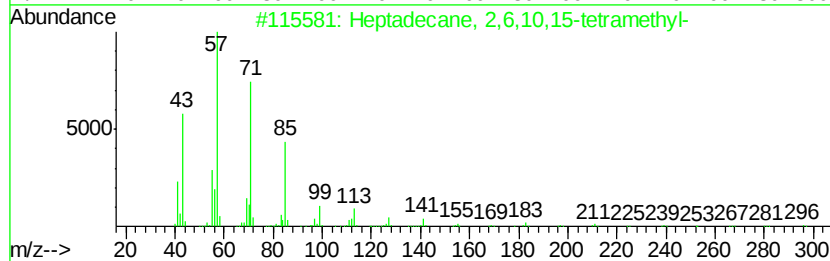
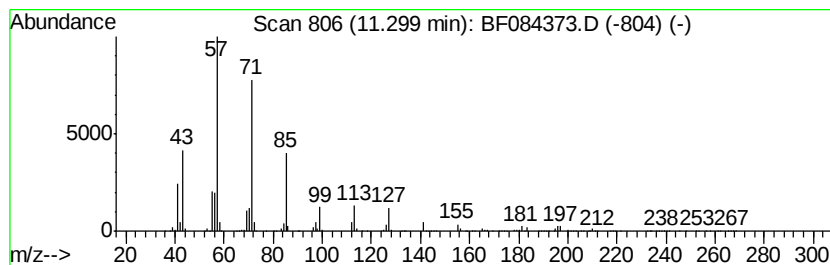
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	39.66 ng	5824290	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3		Heptadecane	240	C17H36	000629-78-7	78
4		Decane, 3-methyl-	156	C11H24	013151-34-3	76
5		Decane, 2-methyl-	156	C11H24	006975-98-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
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ClientSampleId :
SB-3N(0-10)

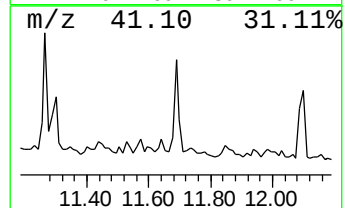
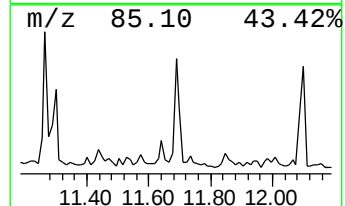
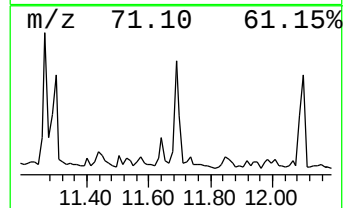
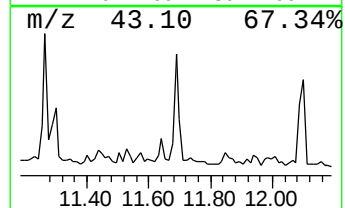
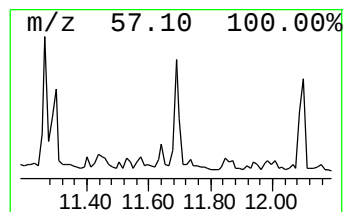
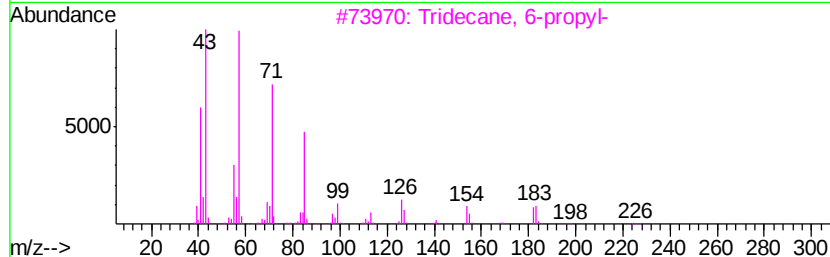
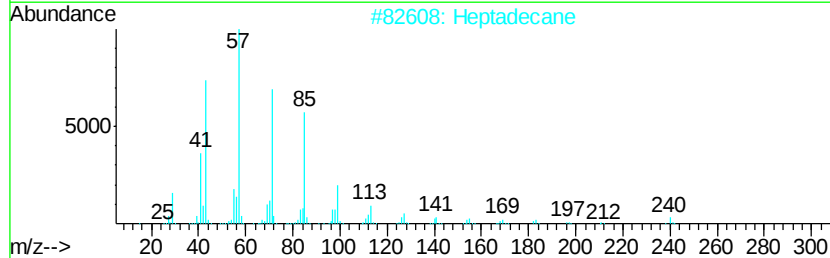
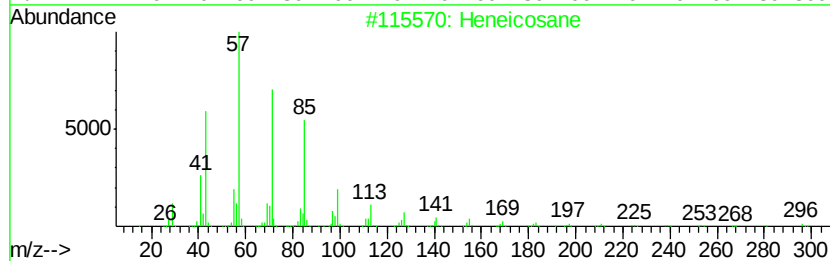
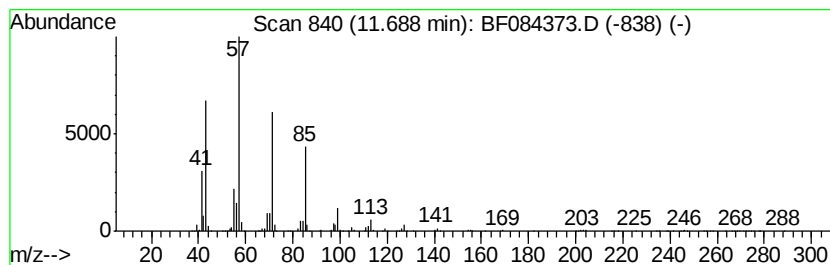
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	47.64 ng	6995950	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
4		Eicosane	282	C20H42	000112-95-8	83
5		Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084373.D
Acq On : 11 Jan 2016 12:11
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-3N(0-10)

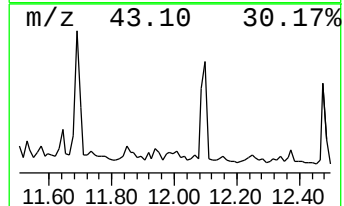
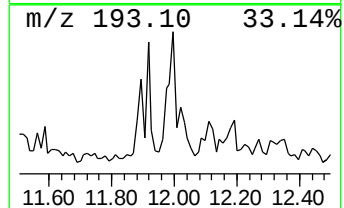
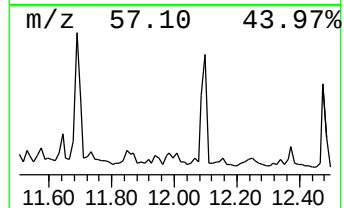
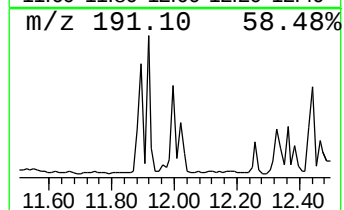
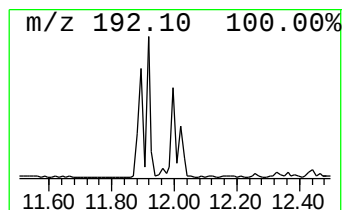
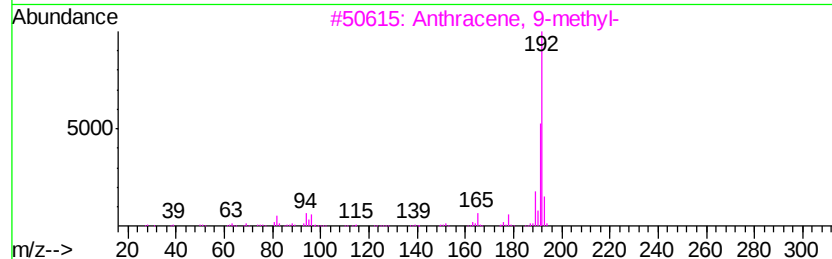
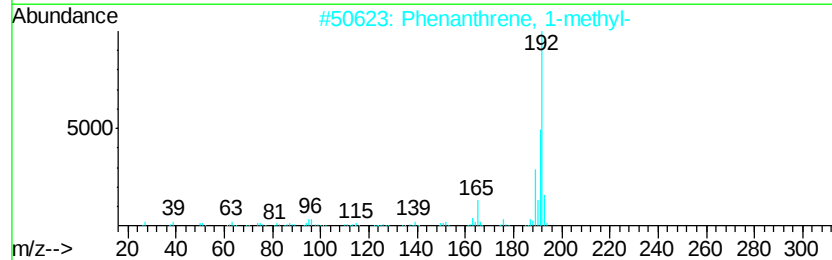
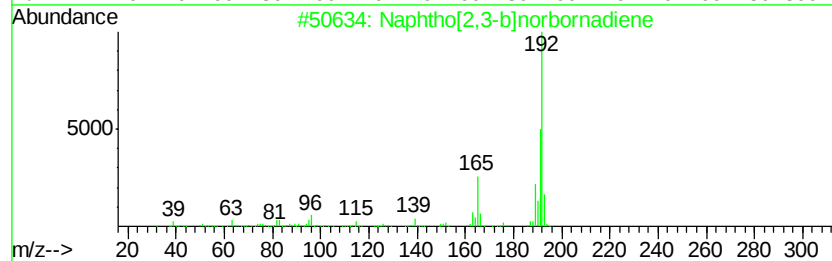
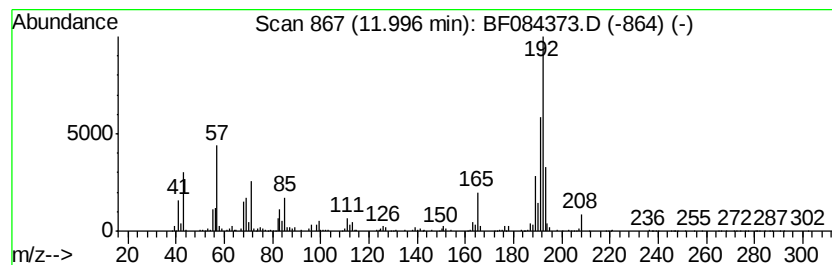
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphtho[2,3-b]norbornadiene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	16.66 ng	2446410	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	70
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
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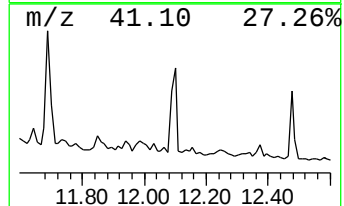
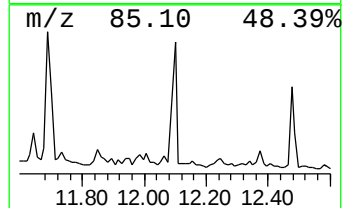
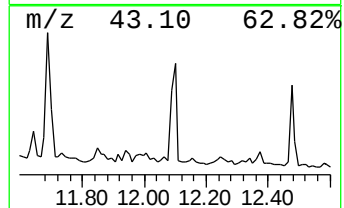
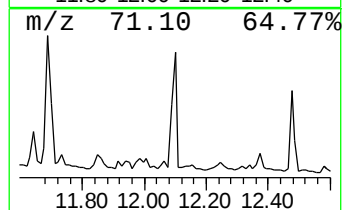
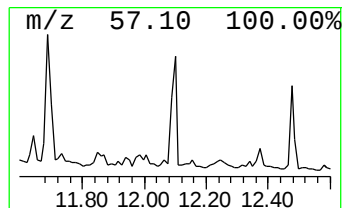
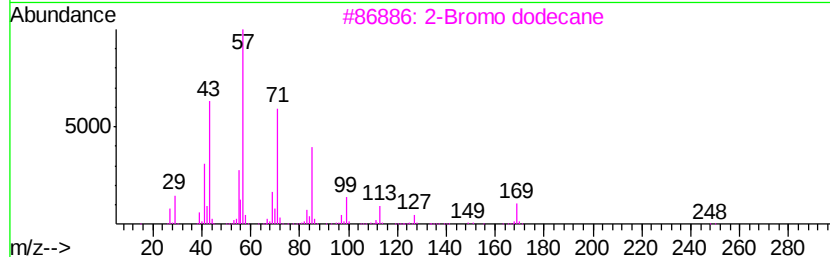
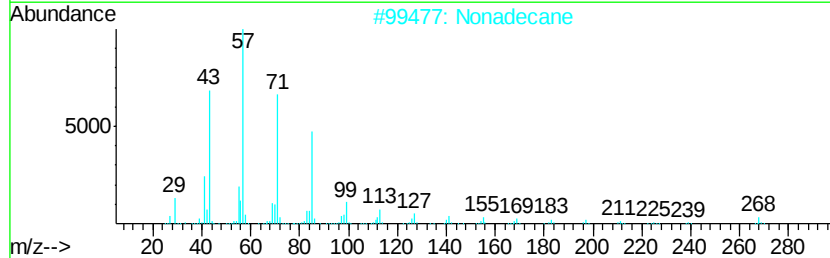
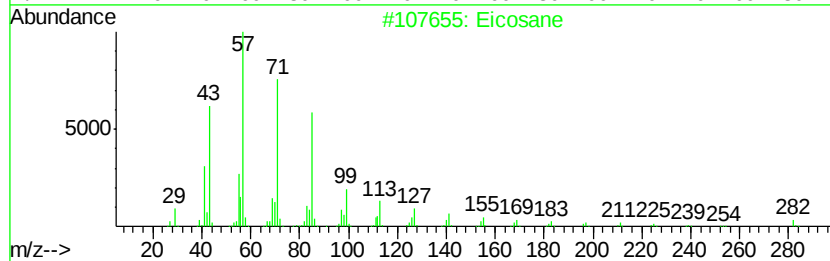
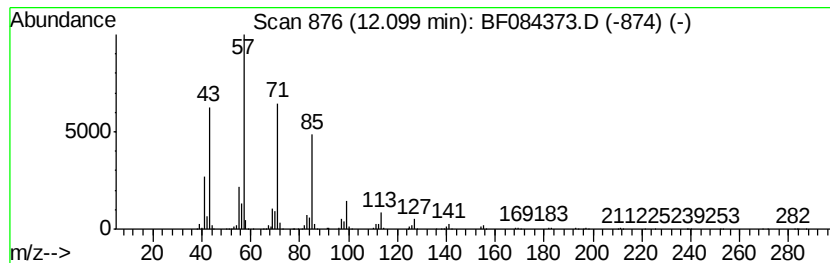
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	44.56 ng	6544500	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Nonadecane	268	C19H40	000629-92-5	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084373.D
Acq On : 11 Jan 2016 12:11
Operator : SJ/UM
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-3N(0-10)

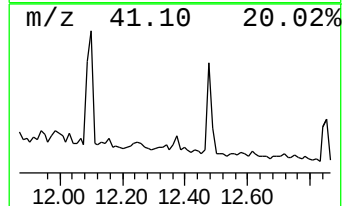
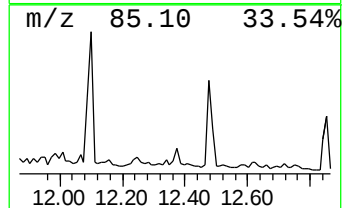
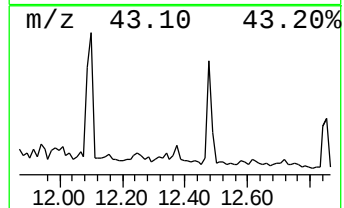
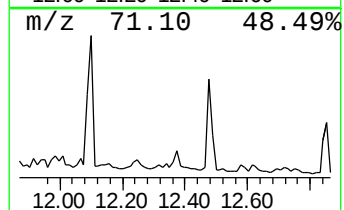
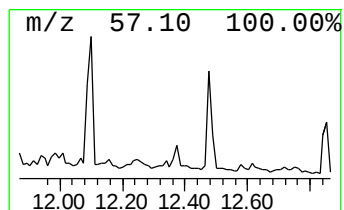
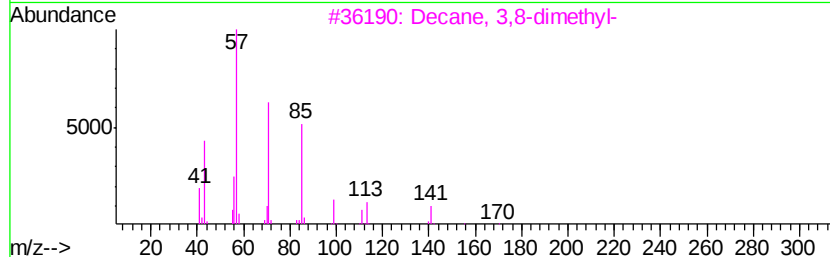
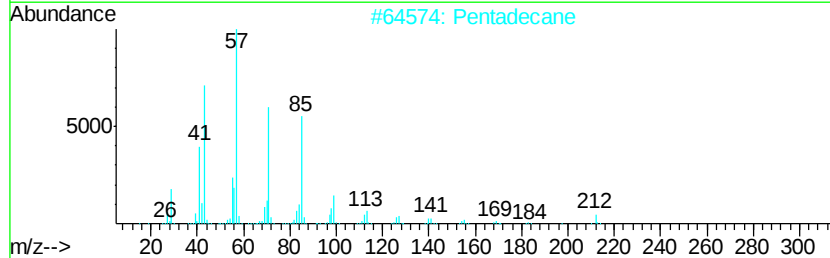
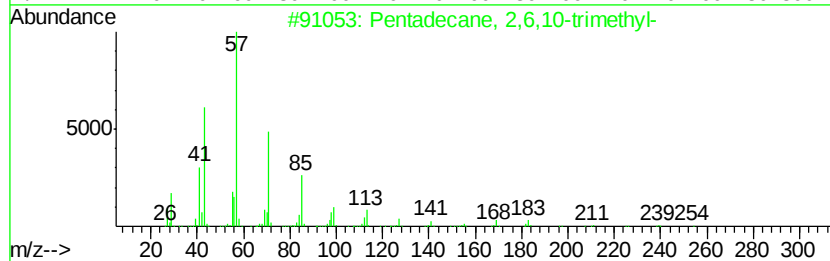
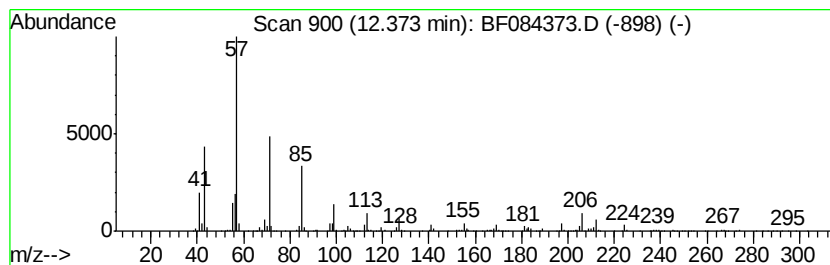
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	14.38 ng	2112350	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2		Pentadecane	212	C15H32	000629-62-9	74
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
4		Octadecane	254	C18H38	000593-45-3	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
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ClientSampleId :
SB-3N(0-10)

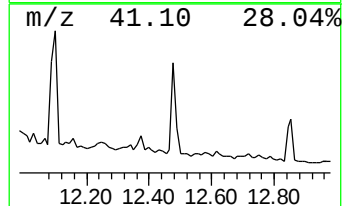
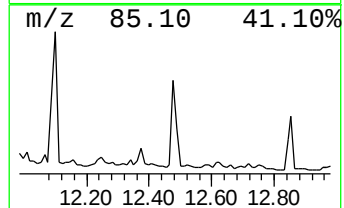
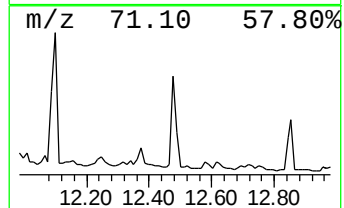
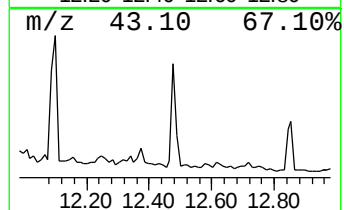
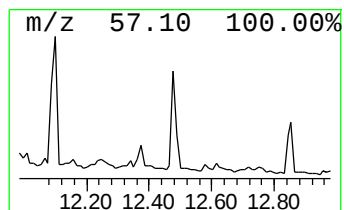
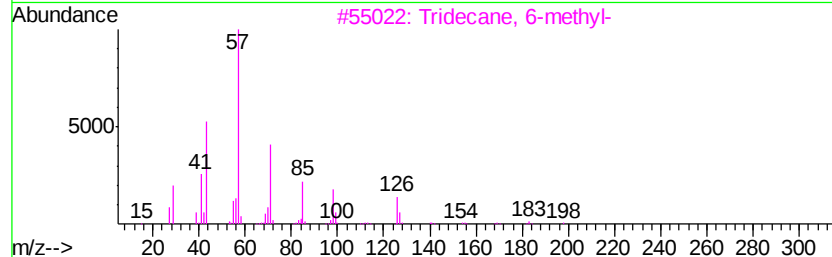
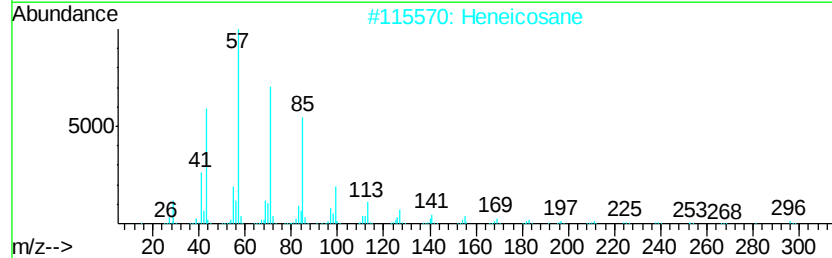
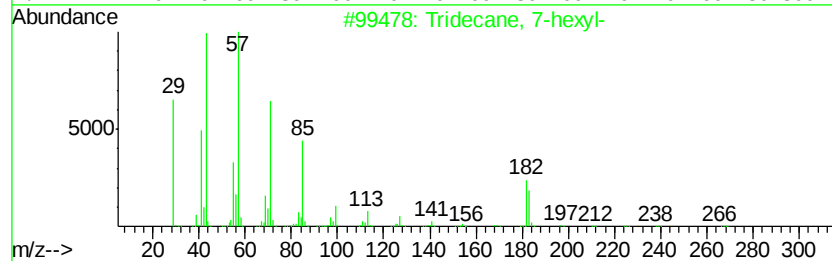
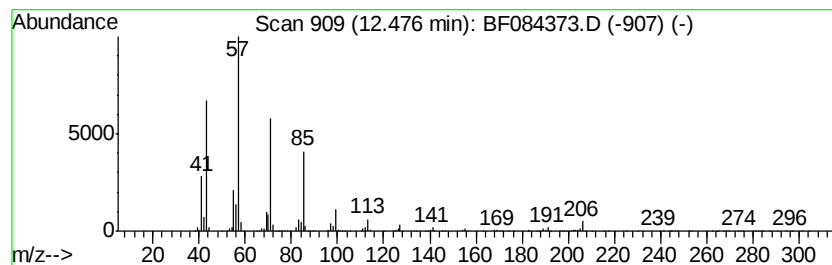
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 7-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	31.37 ng	4606860	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
2		Heneicosane	296	C21H44	000629-94-7	89
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084373.D
 Acq On : 11 Jan 2016 12:11
 Operator : SJ/UM
 Sample : H1043-06 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Tetradecane	8.74	21.1	ng	5399330	2	8.14	5128250	20.0
Naphthalene, 2,3-...	9.56	29.6	ng	5912590	3	9.90	4001850	20.0
Pentadecane	9.85	46.0	ng	9202530	3	9.90	4001850	20.0
unknown10.06	10.06	17.1	ng	3430260	3	9.90	4001850	20.0
Cyclohexane, octyl-	10.17	18.8	ng	3763870	3	9.90	4001850	20.0
Hexadecane	10.34	56.4	ng	11284900	3	9.90	4001850	20.0
Tridecane	10.56	40.3	ng	8071670	3	9.90	4001850	20.0
2,2'-Dimethylbiph...	11.04	15.7	ng	2300580	4	11.39	2937130	20.0
Heptadecane	11.26	49.0	ng	7203990	4	11.39	2937130	20.0
Heptadecane, 2,6,...	11.30	39.7	ng	5824290	4	11.39	2937130	20.0
Heneicosane	11.69	47.6	ng	6995950	4	11.39	2937130	20.0
Naphtho[2,3-b]nor...	12.00	16.7	ng	2446410	4	11.39	2937130	20.0
Eicosane	12.10	44.6	ng	6544500	4	11.39	2937130	20.0
Pentadecane, 2,6,...	12.37	14.4	ng	2112350	4	11.39	2937130	20.0
Tridecane, 7-hexyl-	12.48	31.4	ng	4606860	4	11.39	2937130	20.0