

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078322.D
 Acq On : 8 Apr 2015 5:06
 Operator : TP/IZ
 Sample : G1783-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-1

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-BF040115.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	6.007	444	448	451	rVB2	629763	1218536	8.50%	0.341%
2	6.339	472	477	479	rBV3	1280891	2409375	16.82%	0.675%
3	6.373	479	480	484	rVB2	977087	1233834	8.61%	0.345%
4	6.442	484	486	488	rBV	1241389	1343758	9.38%	0.376%
5	6.533	492	494	498	rVB2	845358	1417247	9.89%	0.397%
6	6.716	508	510	512	rBV	1463437	1873983	13.08%	0.525%
7	6.773	512	515	516	rVB	2978255	4416753	30.83%	1.237%
8	6.887	519	525	527	rBV3	598693	1378080	9.62%	0.386%
9	6.990	532	534	537	rBV3	1357286	2462796	17.19%	0.690%
10	7.116	543	545	547	rBV2	1157044	2225786	15.53%	0.623%
11	7.150	547	548	552	rVB2	1323265	1394927	9.74%	0.391%
12	7.299	559	561	564	rVB2	1197653	2367658	16.52%	0.663%
13	7.356	564	566	568	rBV	2188949	2935200	20.49%	0.822%
14	7.402	568	570	572	rBV2	1159331	1950102	13.61%	0.546%
15	7.459	572	575	577	rVB2	1509992	2518779	17.58%	0.705%
16	7.528	577	581	582	rBV	798764	1220288	8.52%	0.342%
17	7.619	586	589	592	rBV3	1419702	2620901	18.29%	0.734%
18	7.733	595	599	600	rBV	5424049	7167161	50.02%	2.007%
19	7.768	600	602	603	rVB2	1171724	1405576	9.81%	0.394%
20	7.859	608	610	612	rVB2	797145	1293095	9.02%	0.362%
21	7.939	615	617	620	rVB3	2443849	3678176	25.67%	1.030%
22	8.076	625	629	632	rBV3	2002276	4468481	31.19%	1.251%
23	8.122	632	633	635	rVB2	1670776	2039822	14.24%	0.571%
24	8.202	635	640	643	rBV4	2449535	6773580	47.27%	1.896%
25	8.270	643	646	648	rVB2	2444816	3865893	26.98%	1.082%
26	8.316	648	650	655	rBV3	2609569	4852098	33.86%	1.358%
27	8.385	655	656	662	rVB4	685098	1781044	12.43%	0.499%
28	8.522	662	668	669	rBV3	2223779	6199945	43.27%	1.736%
29	8.568	669	672	673	rVV2	5591828	7977291	55.68%	2.233%
30	8.659	677	680	682	rVV	3135829	3234181	22.57%	0.905%
31	8.773	688	690	693	rBV2	2680112	3655827	25.52%	1.024%
32	8.831	693	695	696	rVV2	998535	1296288	9.05%	0.363%
33	8.876	696	699	701	rVV2	1508191	2845222	19.86%	0.797%
34	8.911	701	702	704	rVV	1623327	2651335	18.50%	0.742%

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35	8.956	704	706	708	rVV3	1433589	2830223	19.75%	0.792%
36	9.002	708	710	713	rVV2	1987660	4333391	30.24%	1.213%
37	9.048	713	714	717	rVV2	1970564	2918150	20.37%	0.817%
38	9.105	717	719	722	rVV2	3866749	5654217	39.46%	1.583%
39	9.162	722	724	726	rVV	3071624	3832508	26.75%	1.073%
40	9.219	726	729	732	rVV5	973961	2269442	15.84%	0.635%
41	9.333	736	739	743	rVV3	5794569	12127362	84.64%	3.395%
42	9.413	743	746	750	rVB3	3133711	6241208	43.56%	1.747%
43	9.482	750	752	753	rBV2	738846	1039313	7.25%	0.291%
44	9.528	753	756	758	rBV2	2025752	3909552	27.29%	1.095%
45	9.562	758	759	761	rVV2	3148609	3860827	26.95%	1.081%
46	9.642	764	766	767	rVV2	738944	1306674	9.12%	0.366%
47	9.688	767	770	772	rVV3	1962661	4771668	33.30%	1.336%
48	9.733	772	774	775	rVV	1990426	2556871	17.85%	0.716%
49	9.768	775	777	780	rVV2	1499506	2685687	18.74%	0.752%
50	9.825	780	782	783	rVV	2177374	3240553	22.62%	0.907%
51	9.848	783	784	787	rVV2	2657390	3665732	25.58%	1.026%
52	9.905	787	789	792	rVV2	699954	1222715	8.53%	0.342%
53	9.985	795	796	798	rVV2	755671	1196870	8.35%	0.335%
54	10.042	798	801	804	rVV2	5482975	11213265	78.26%	3.139%
55	10.111	804	807	809	rVB3	1469060	3204211	22.36%	0.897%
56	10.156	809	811	813	rBV3	591885	1321071	9.22%	0.370%
57	10.202	813	815	818	rVV2	2200398	3565743	24.89%	0.998%
58	10.294	818	823	824	rVV3	2230739	4913298	34.29%	1.376%
59	10.328	824	826	830	rVV3	2070439	5892098	41.12%	1.650%
60	10.419	830	834	836	rVV4	3244407	8491659	59.27%	2.377%
61	10.488	839	840	842	rBV2	965511	1454028	10.15%	0.407%
62	10.705	855	859	860	rBV	4929706	10105620	70.53%	2.829%
63	10.854	870	872	874	rVB2	1241216	2103325	14.68%	0.589%
64	10.968	879	882	884	rBV3	2145726	4025110	28.09%	1.127%
65	11.014	884	886	887	rVV2	1516072	2007794	14.01%	0.562%
66	11.082	890	892	893	rVV2	2102810	2480049	17.31%	0.694%
67	11.128	894	896	899	rVB3	1664797	3077591	21.48%	0.862%
68	11.196	900	902	903	rBV2	713084	1040475	7.26%	0.291%
69	11.322	909	913	914	rBV	4781879	7263481	50.69%	2.034%
70	11.425	920	922	923	rBV	1447923	2099095	14.65%	0.588%
71	11.585	933	936	939	rVB	3039251	5986289	41.78%	1.676%

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72	11.642	939	941	942	rBV	1039715	1057535	7.38%	0.296%
73	11.677	942	944	947	rBV3	1514977	3071041	21.43%	0.860%
74	11.917	961	965	968	rBV2	4660306	12518555	87.37%	3.505%
75	12.019	972	974	975	rVV2	819421	1120908	7.82%	0.314%
76	12.099	979	981	982	rVV	1138619	1374032	9.59%	0.385%
77	12.134	982	984	986	rVV	1704119	3048083	21.27%	0.853%
78	12.214	989	991	992	rVV2	812455	1065418	7.44%	0.298%
79	12.248	992	994	996	rVV2	1440404	1704639	11.90%	0.477%
80	12.294	996	998	1001	rVB2	1291660	1466327	10.23%	0.411%
81	12.465	1009	1013	1014	rBV	4338630	7209816	50.32%	2.019%
82	12.499	1014	1016	1018	rVB	2546354	3412682	23.82%	0.955%
83	12.694	1029	1033	1036	rVV4	983698	3053243	21.31%	0.855%
84	12.831	1043	1045	1046	rVV2	1013487	1256388	8.77%	0.352%
85	12.922	1050	1053	1056	rVV3	662953	1477208	10.31%	0.414%
86	12.991	1056	1059	1062	rVV	4153370	6606936	46.11%	1.850%
87	13.128	1066	1071	1072	rVV	5540704	10361073	72.31%	2.901%
88	13.197	1072	1077	1079	rVB3	1324353	2790343	19.47%	0.781%
89	13.300	1084	1086	1089	rVV2	835009	1506116	10.51%	0.422%
90	13.494	1100	1103	1106	rVB	3952953	5126042	35.78%	1.435%
91	13.837	1131	1133	1135	rBV2	1301710	2004899	13.99%	0.561%
92	13.951	1140	1143	1144	rBV2	3026153	4362751	30.45%	1.221%
93	13.997	1144	1147	1151	rVV2	6304496	14328143	100.00%	4.011%
94	14.088	1153	1155	1158	rVV2	2300434	3158268	22.04%	0.884%
95	14.145	1158	1160	1166	rVB3	575552	1448929	10.11%	0.406%
96	14.431	1182	1185	1187	rVB	3258289	4056997	28.31%	1.136%
97	14.865	1221	1223	1226	rVV	2205458	3153201	22.01%	0.883%
98	15.288	1258	1260	1262	rBV	1581087	2062328	14.39%	0.577%
99	15.700	1293	1296	1300	rVB	1283082	1640060	11.45%	0.459%
100	19.689	1641	1645	1655	rVB	566304	1662287	11.60%	0.465%

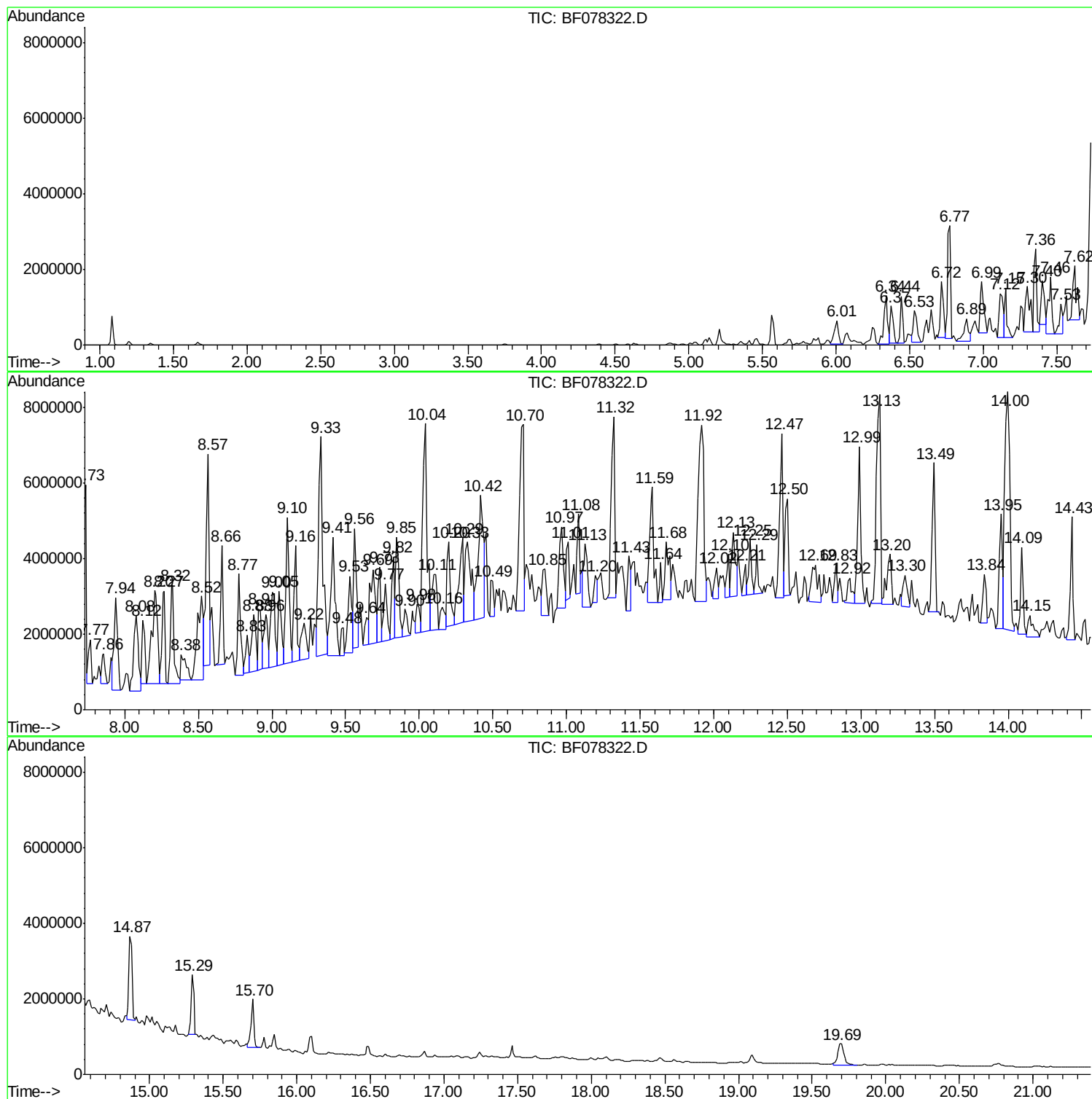
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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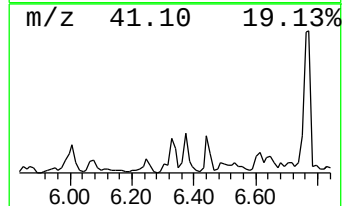
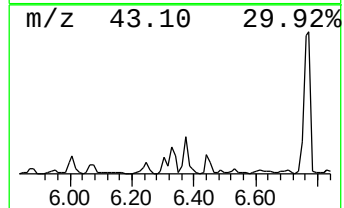
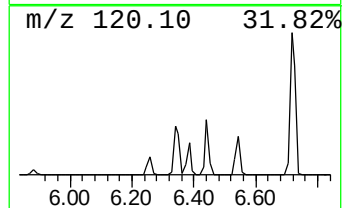
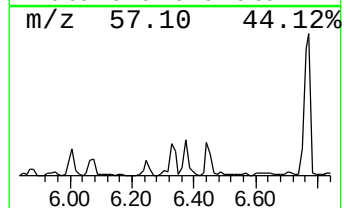
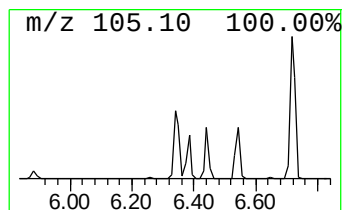
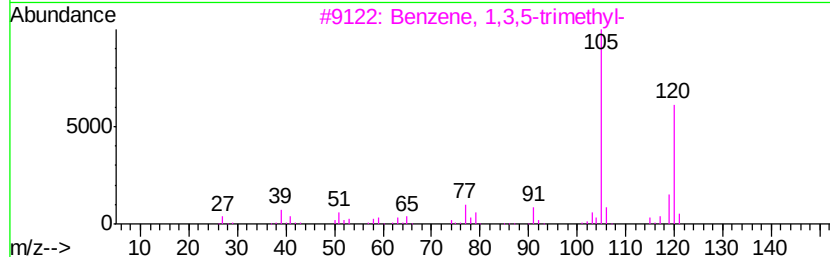
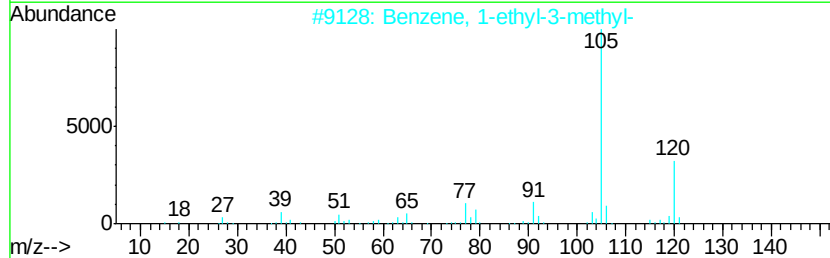
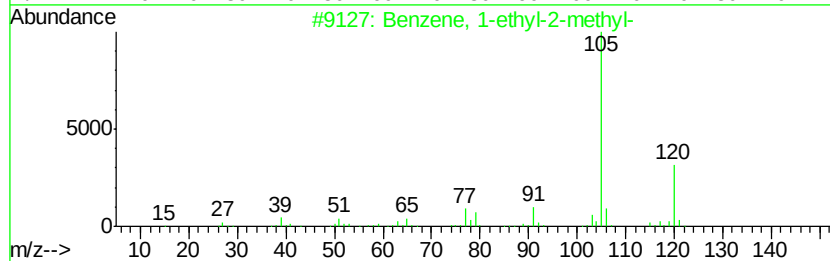
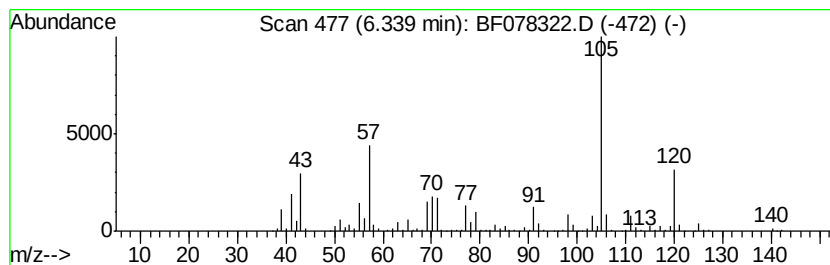
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	34.97 ng	2409380	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	76
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70



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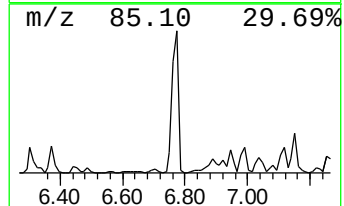
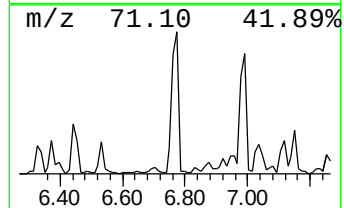
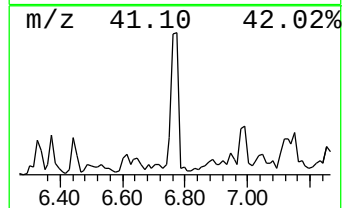
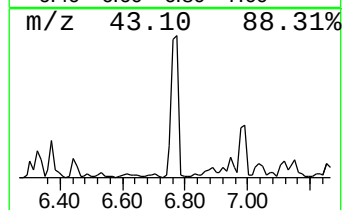
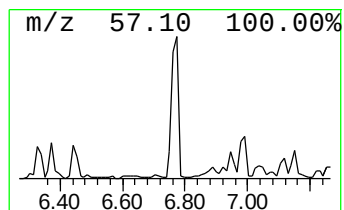
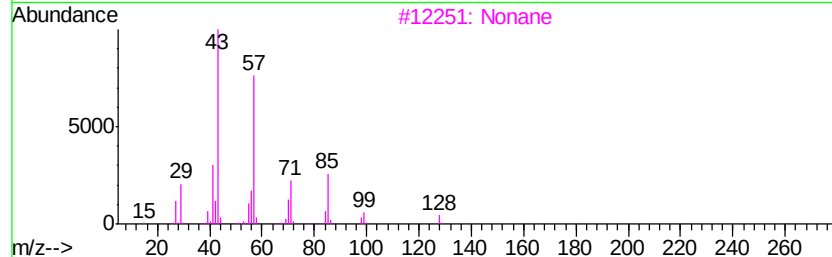
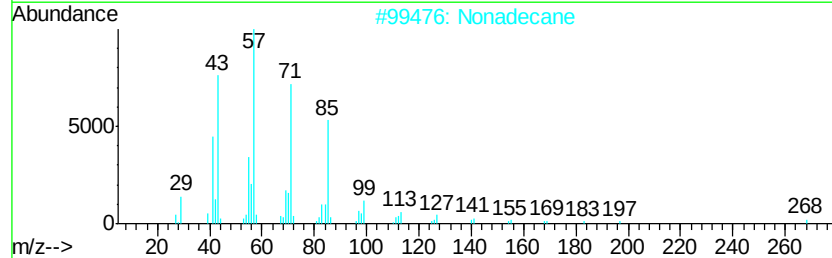
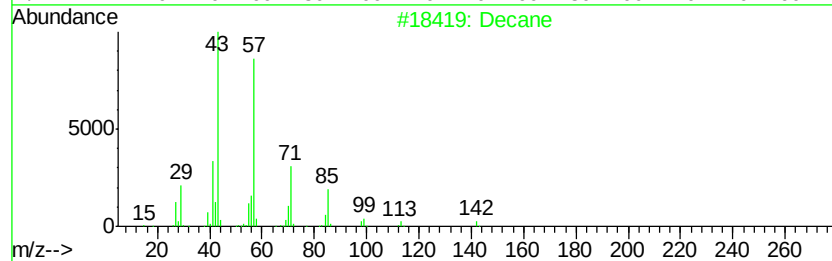
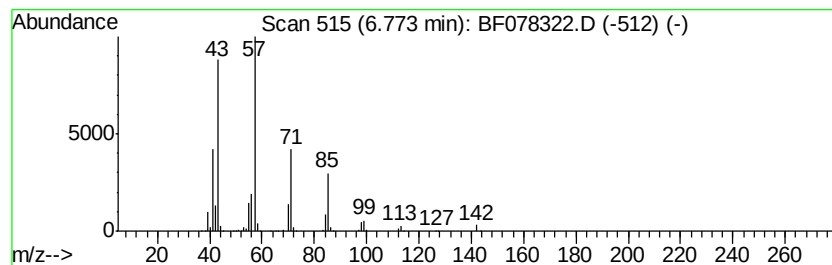
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	64.10 ng	4416750	1,4-Dichlorobenzene-d4	6.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	94
2	Nonadecane		268	C19H40	000629-92-5	83
3	Nonane		128	C9H20	000111-84-2	80
4	Undecane		156	C11H24	001120-21-4	78
5	Dotriacontane		451	C32H66	000544-85-4	78



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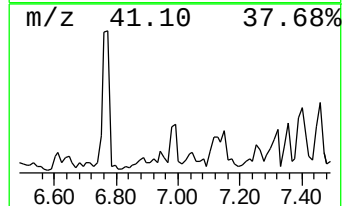
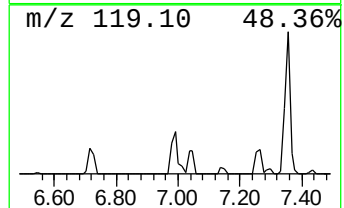
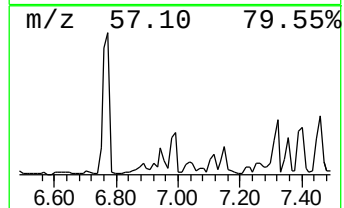
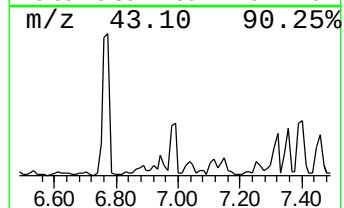
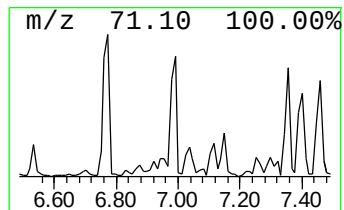
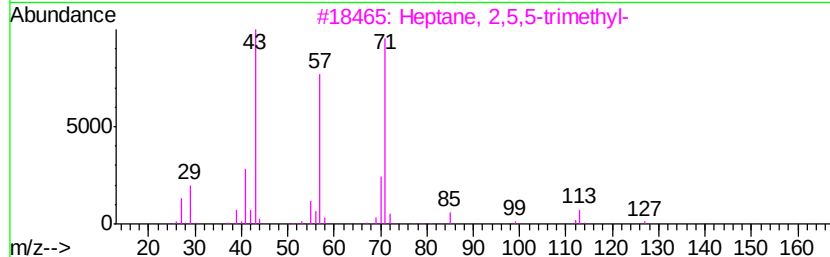
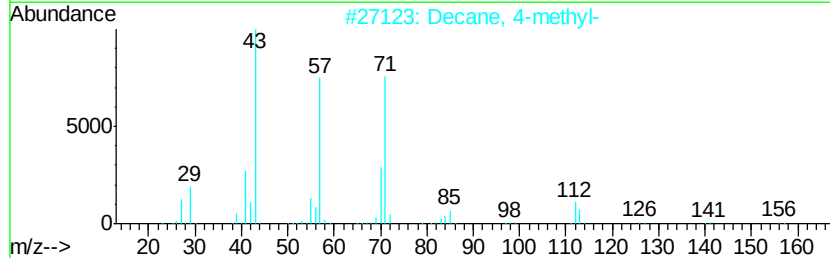
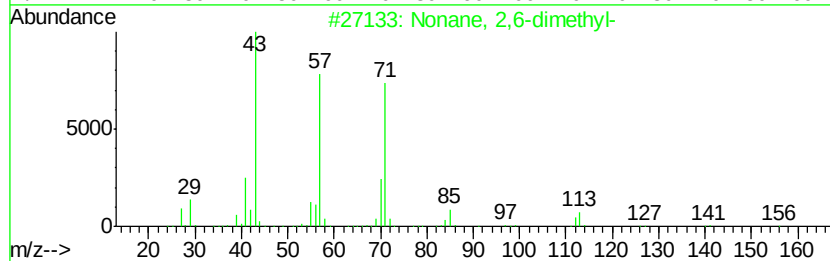
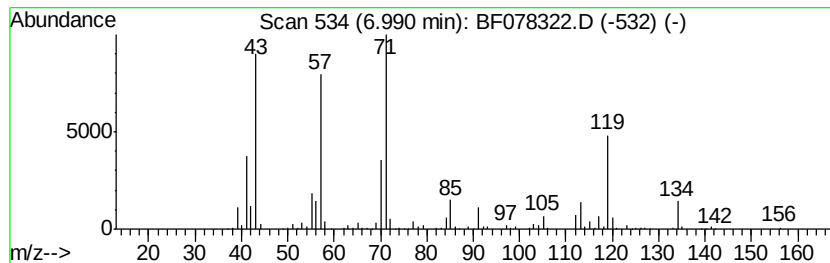
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	35.74 ng	2462800	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane,	2,6-dimethyl-	156	C11H24	017302-28-2	70	
2	Decane,	4-methyl-	156	C11H24	002847-72-5	53	
3	Heptane,	2,5,5-trimethyl-	142	C10H22	001189-99-7	50	
4	p-Toluylic acid,	2-tetrahydrofur...	220	C13H16O3	004647-35-2	50	
5	Decane,	2,8,8-trimethyl-	184	C13H28	1000060-81-2	50	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078322.D
Acq On : 8 Apr 2015 5:06
Operator : TP/IZ
Sample : G1783-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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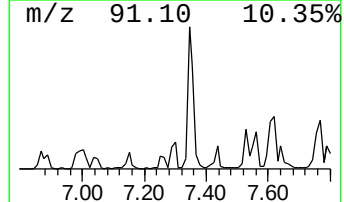
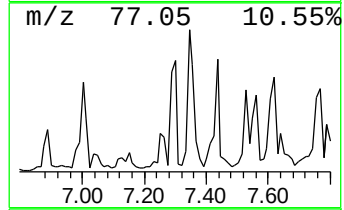
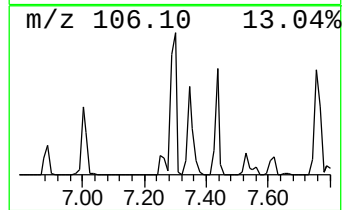
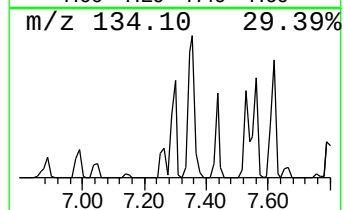
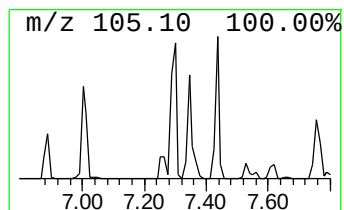
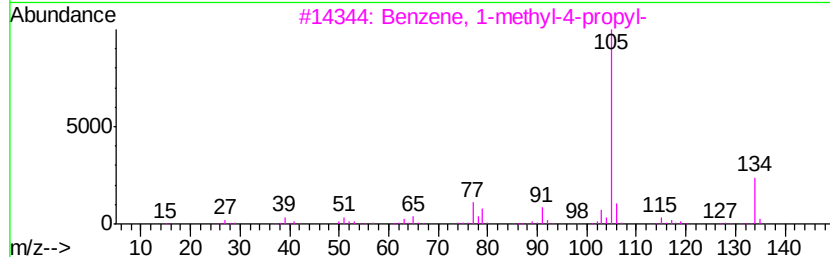
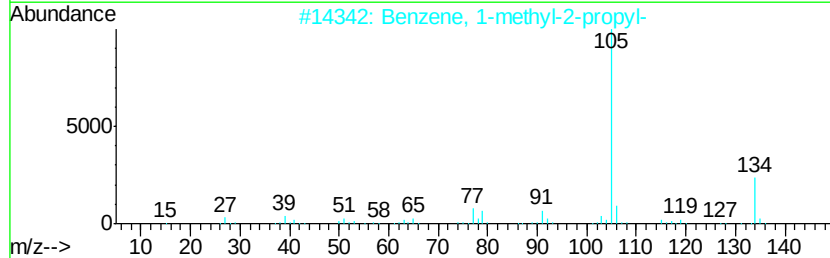
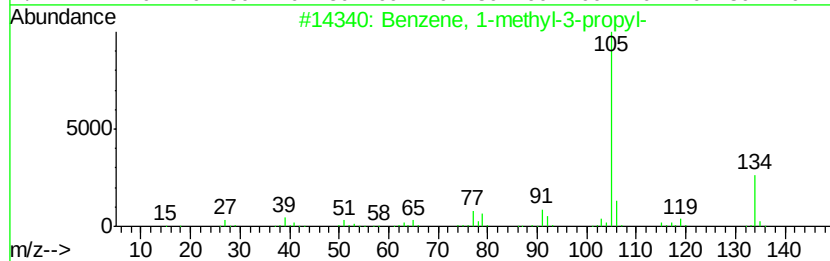
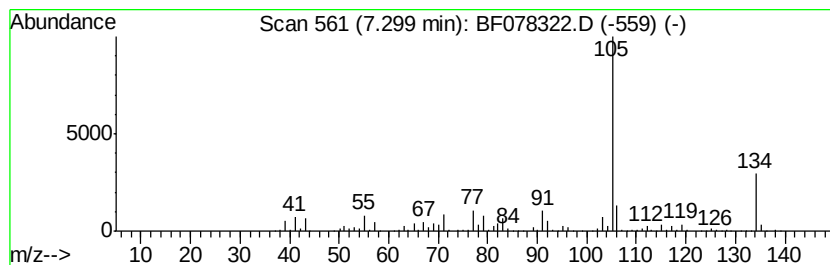
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	34.36 ng	2367660	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078322.D
Acq On : 8 Apr 2015 5:06
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Sample : G1783-02
Misc :
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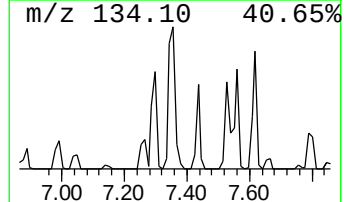
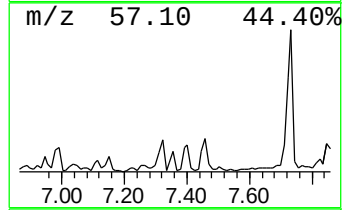
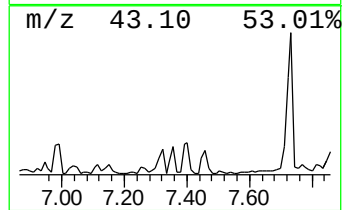
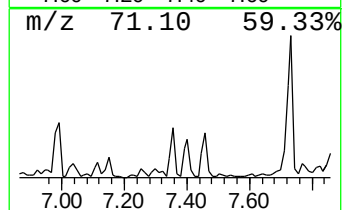
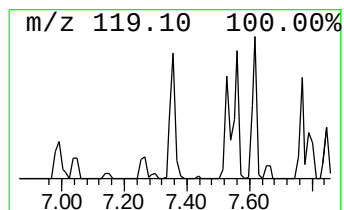
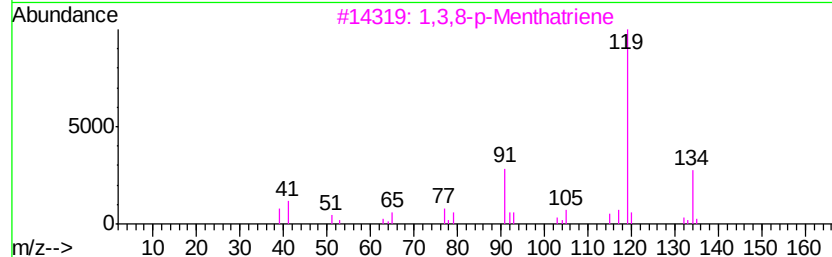
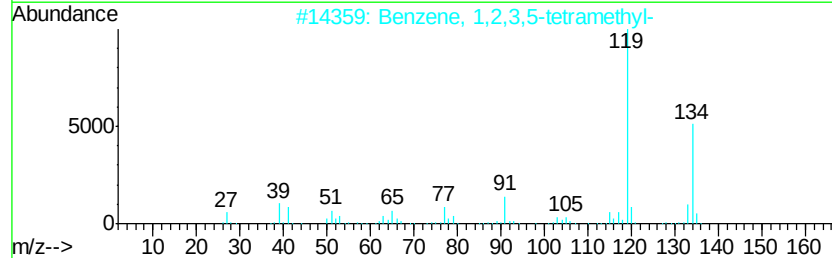
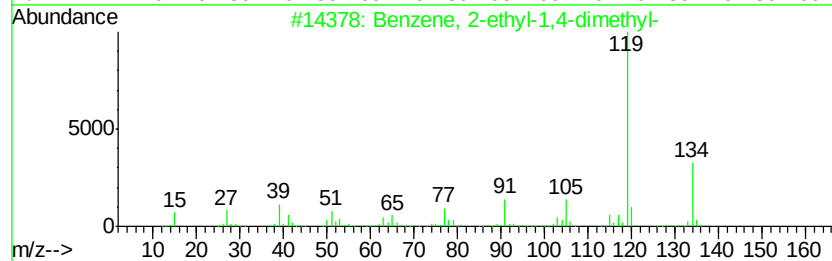
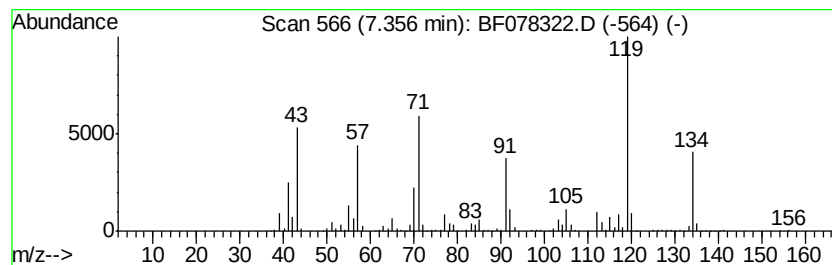
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	42.60 ng	2935200	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	64
4		Decane, 4-methyl-	156	C11H24	002847-72-5	60
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078322.D
Acq On : 8 Apr 2015 5:06
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Sample : G1783-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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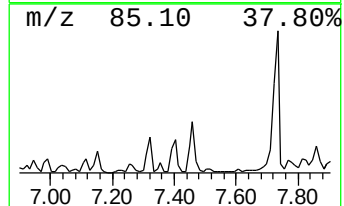
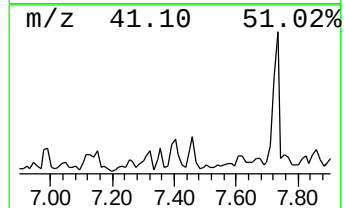
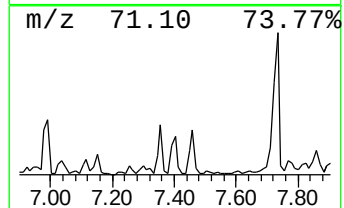
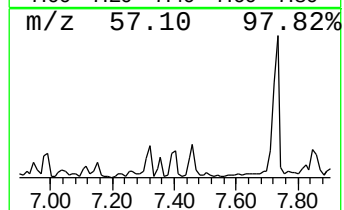
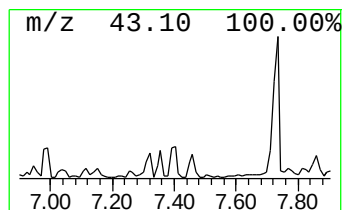
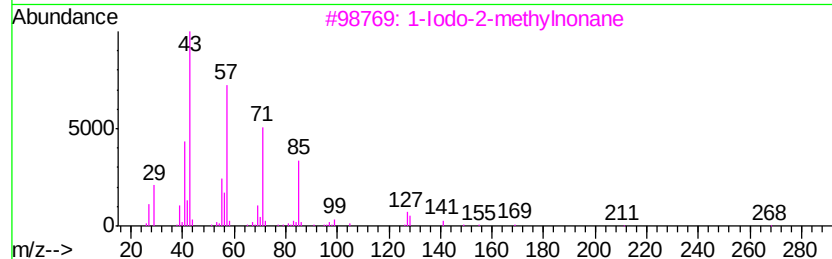
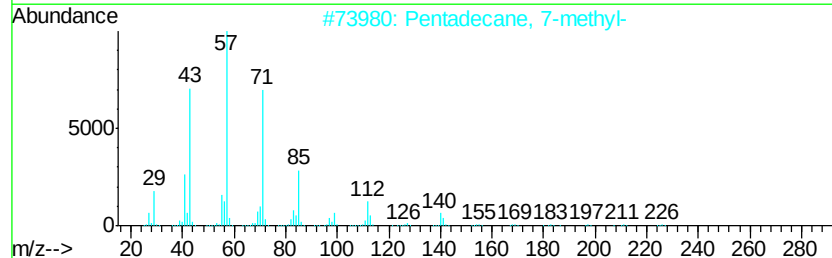
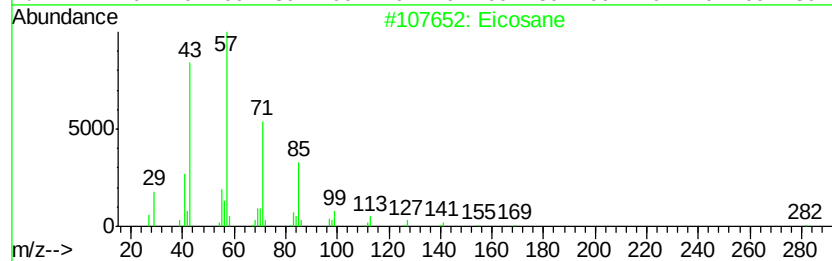
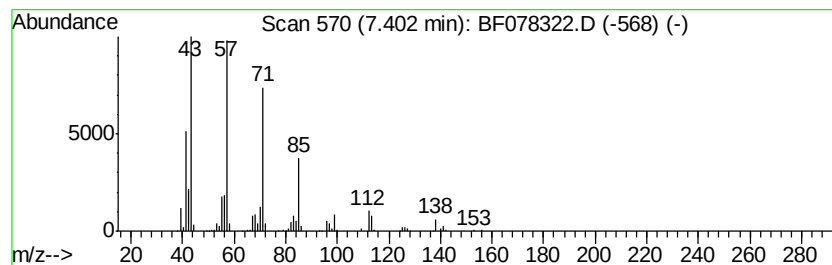
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	28.30 ng	1950100	1,4-Dichlorobenzene-d4	6.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	72
2	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	72
3	1-Iodo-2-methylnonane		268	C10H21I	1000101-47-9	64
4	Decane, 2-methyl-		156	C11H24	006975-98-0	60
5	Hexadecane		226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
Data File : BF078322.D
Acq On : 8 Apr 2015 5:06
Operator : TP/IZ
Sample : G1783-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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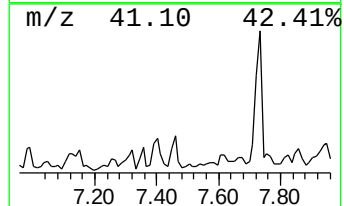
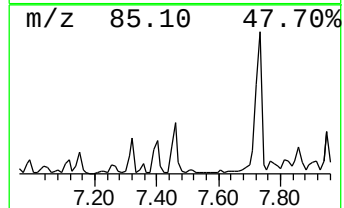
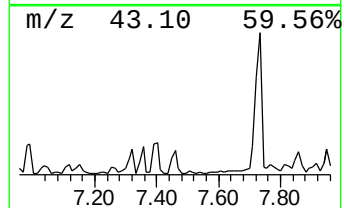
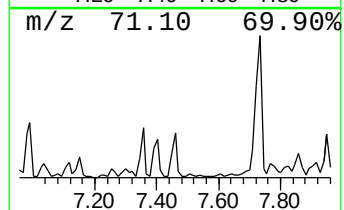
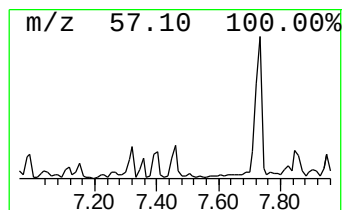
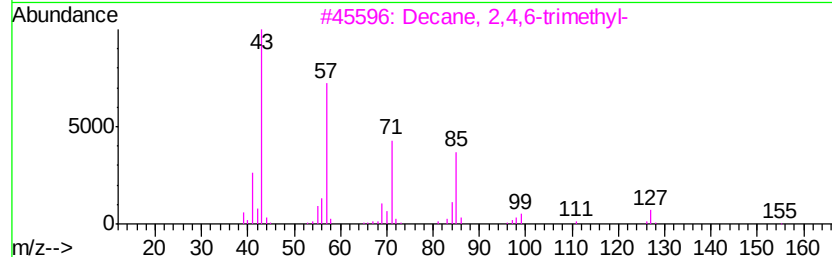
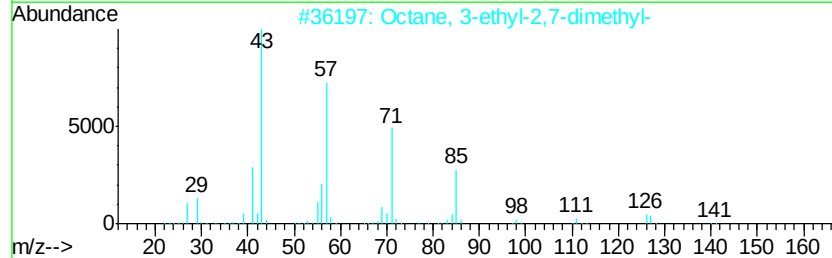
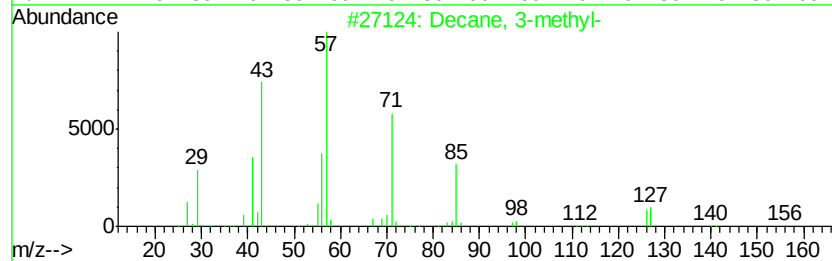
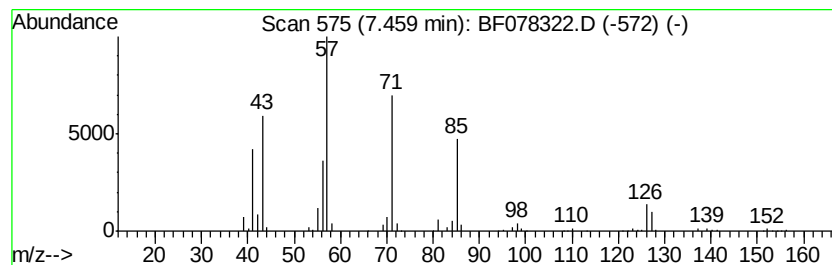
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	36.55 ng	2518780	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	87
2		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	83
3		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	72
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
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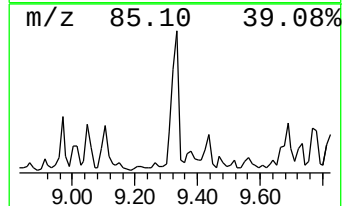
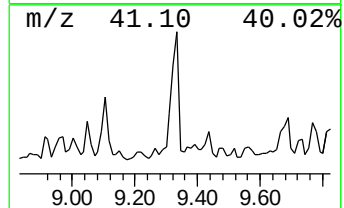
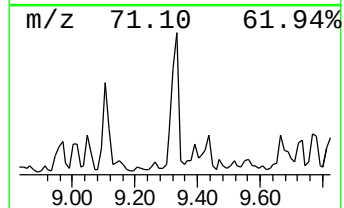
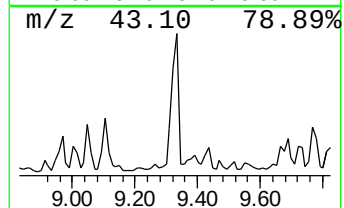
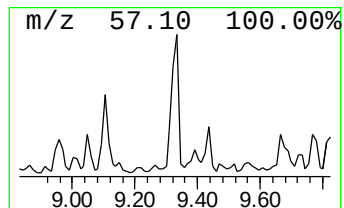
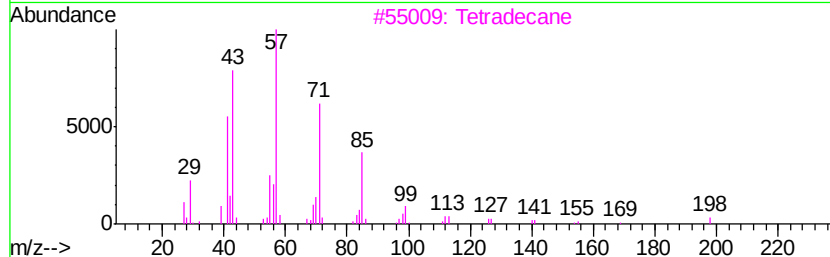
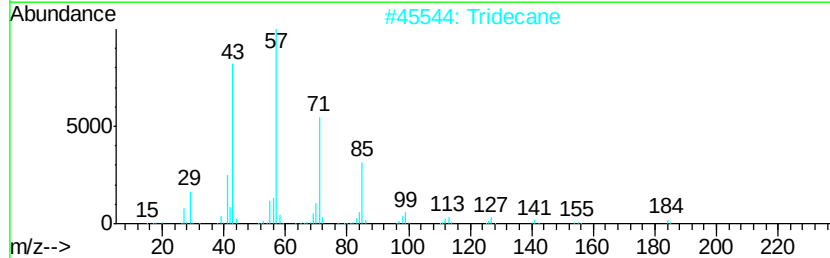
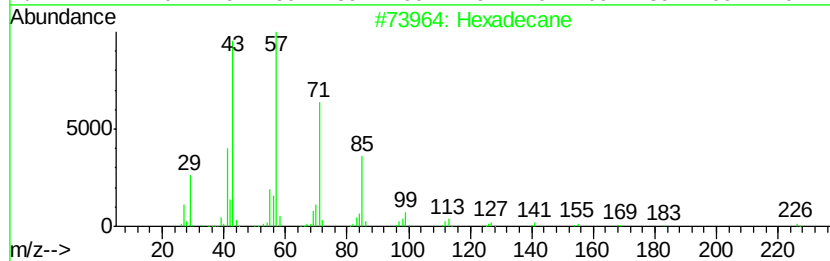
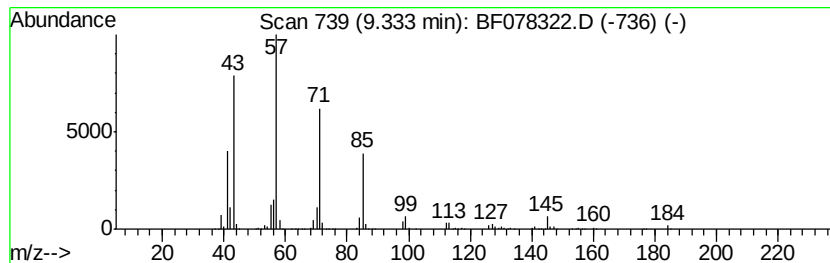
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.33	39.12 ng	12127400	Napthalene-d8	8.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
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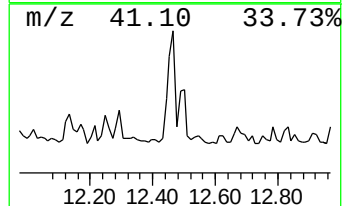
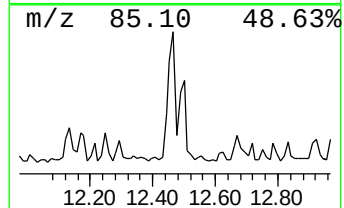
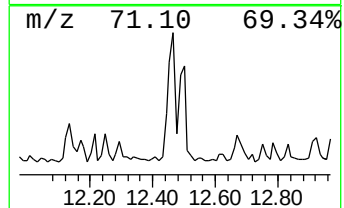
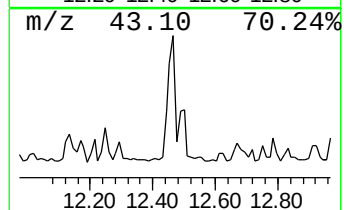
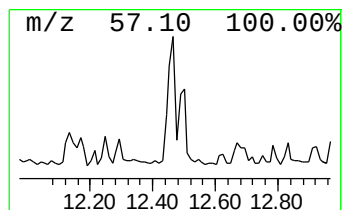
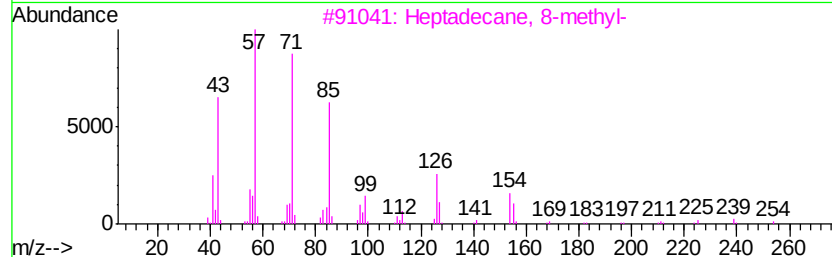
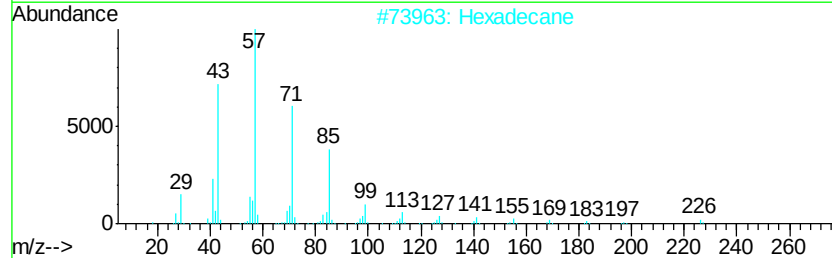
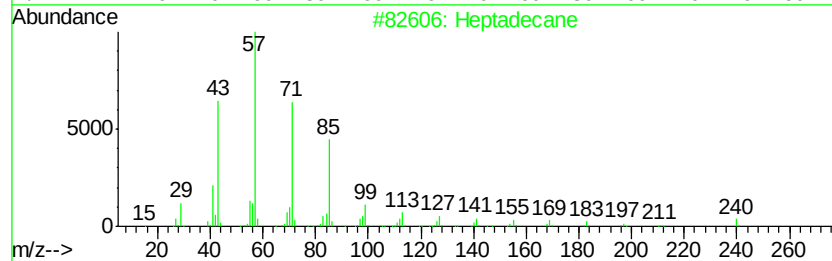
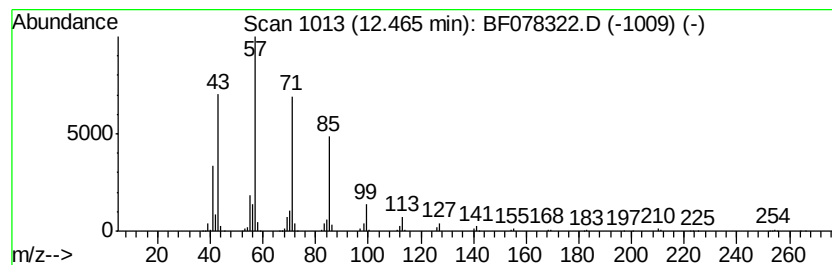
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.47	42.25 ng	7209820	Phenanthrene-d10		12.53
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



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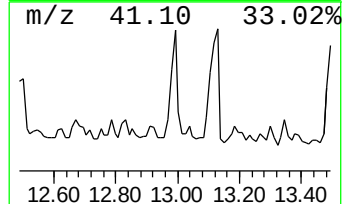
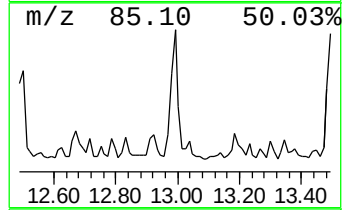
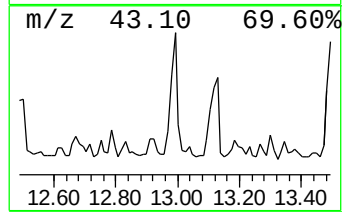
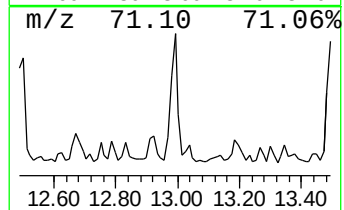
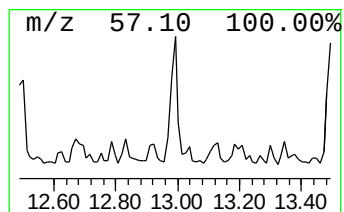
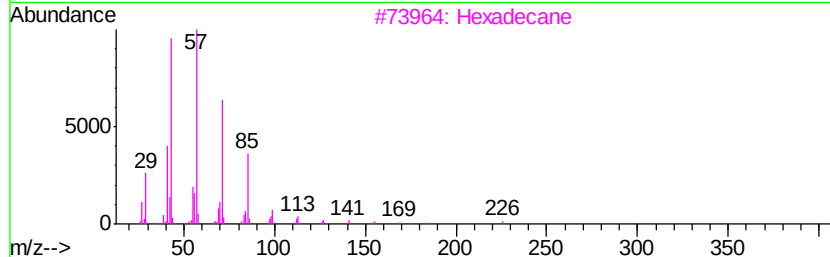
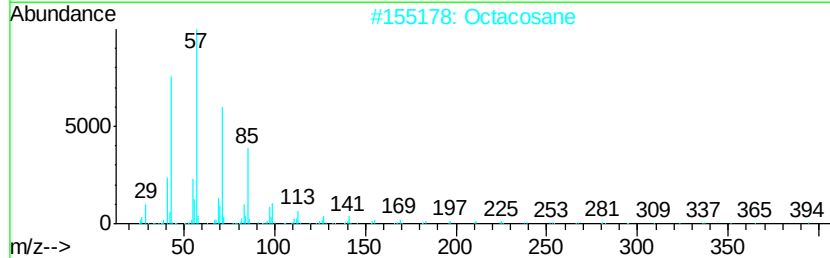
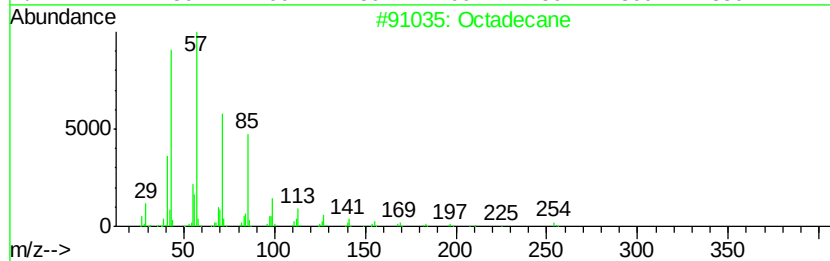
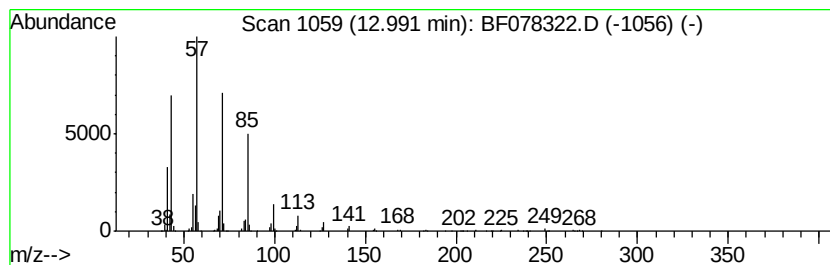
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	38.72 ng	6606940	Phenanthrene-d10	12.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078322.D
Acq On : 8 Apr 2015 5:06
Operator : TP/IZ
Sample : G1783-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FD-1

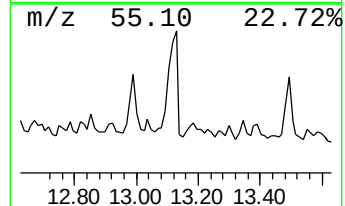
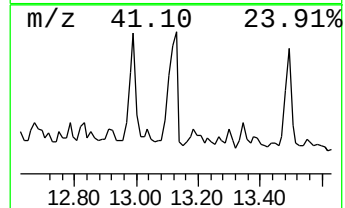
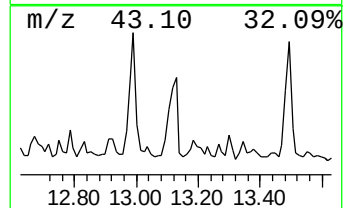
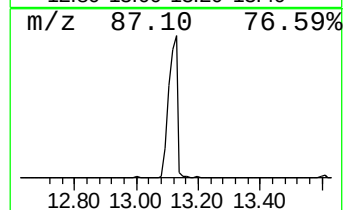
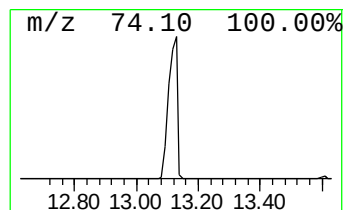
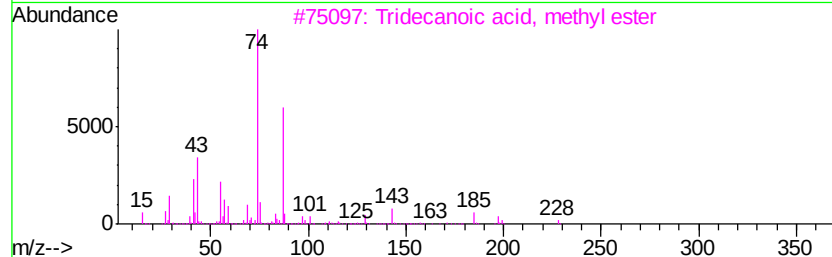
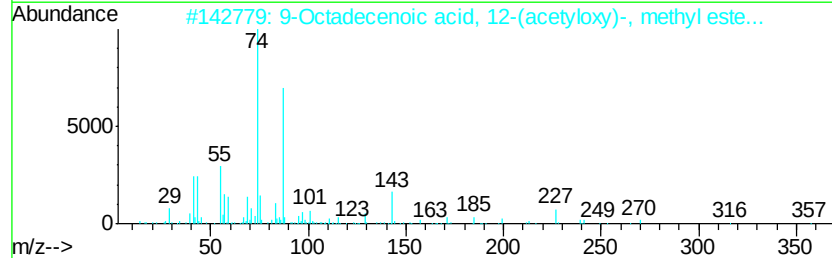
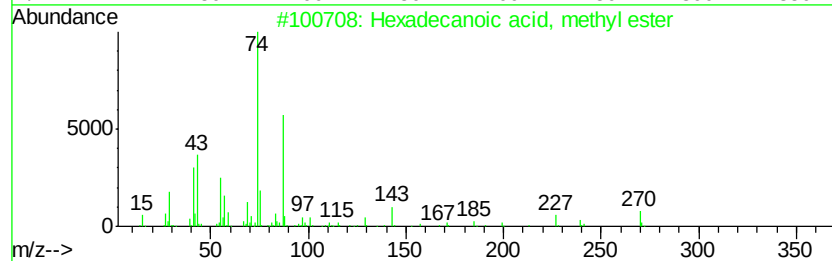
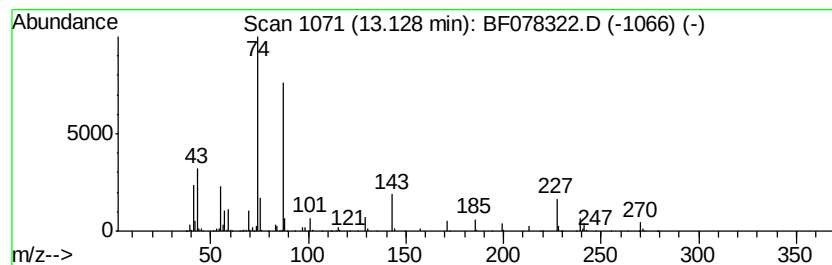
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	60.72 ng	10361100	Phenanthrene-d10	12.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2		9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	90
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	81
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	72
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
Data File : BF078322.D
Acq On : 8 Apr 2015 5:06
Operator : TP/IZ
Sample : G1783-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FD-1

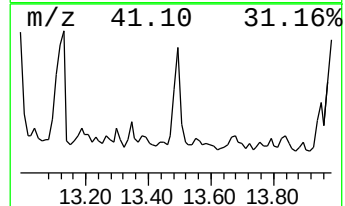
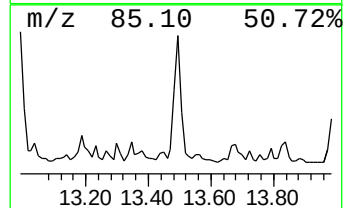
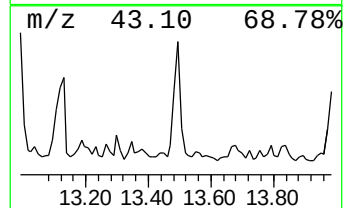
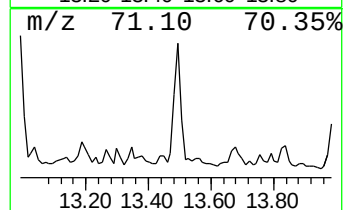
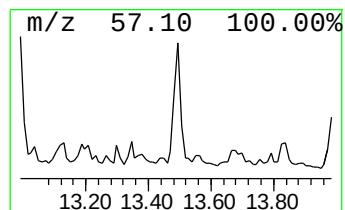
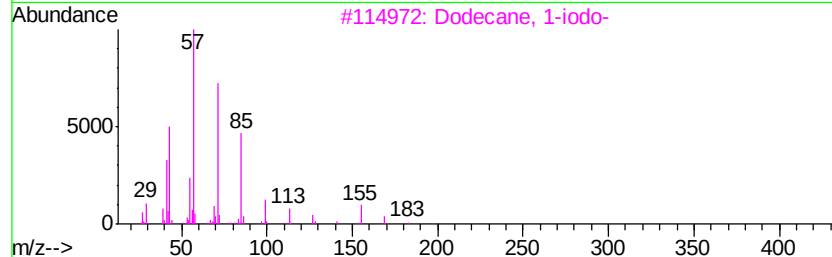
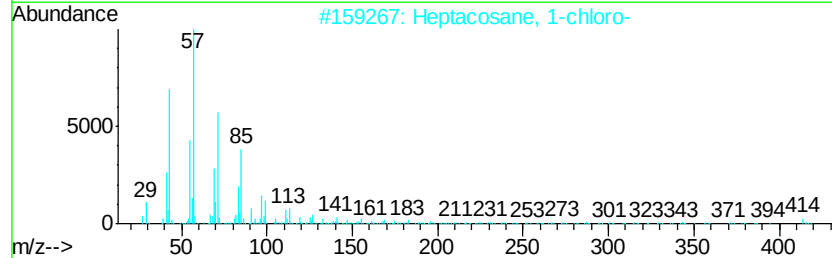
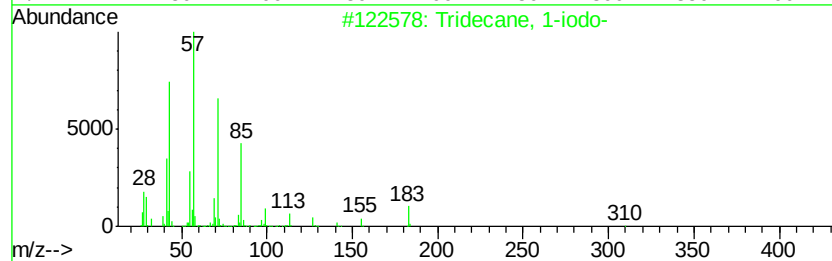
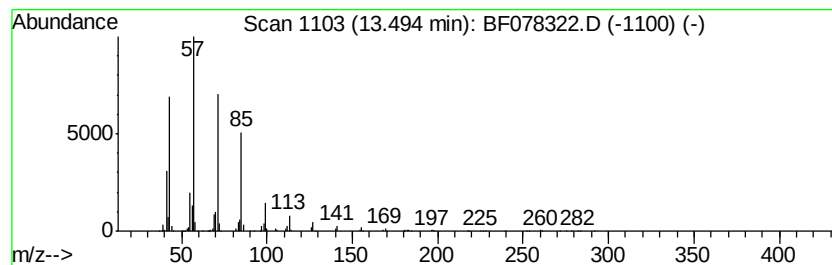
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	30.04 ng	5126040	Phenanthrene-d10	12.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Nonadecane	268	C19H40	000629-92-5	80
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
Data File : BF078322.D
Acq On : 8 Apr 2015 5:06
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Sample : G1783-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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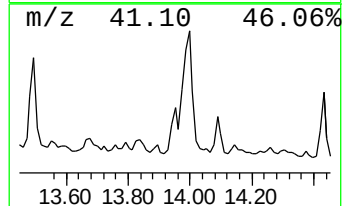
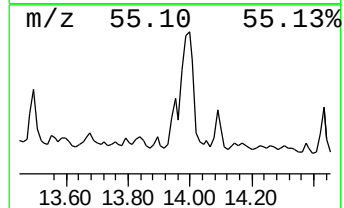
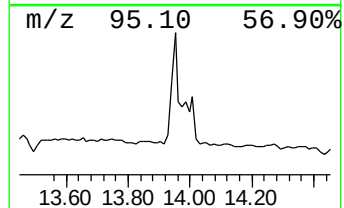
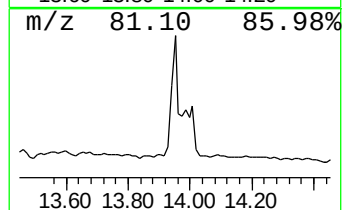
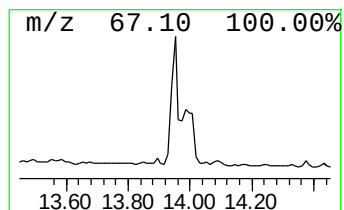
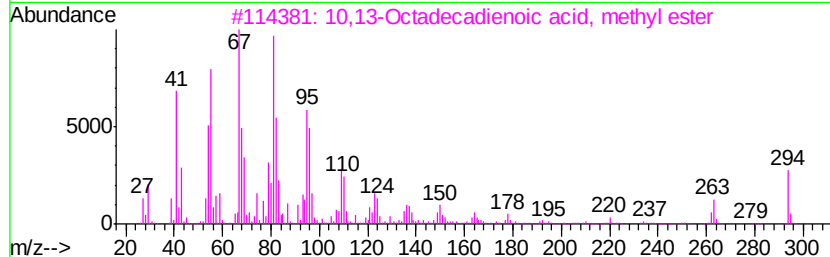
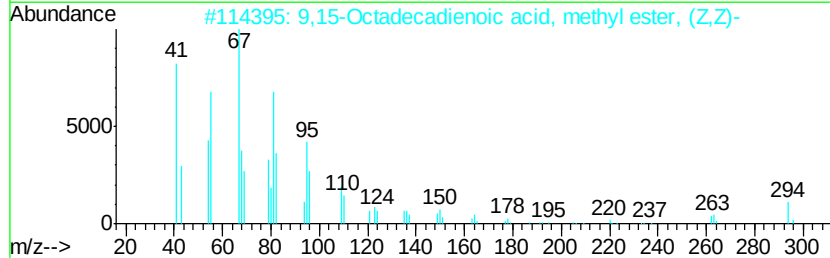
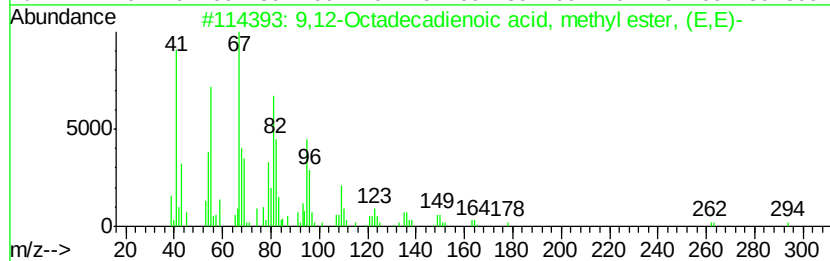
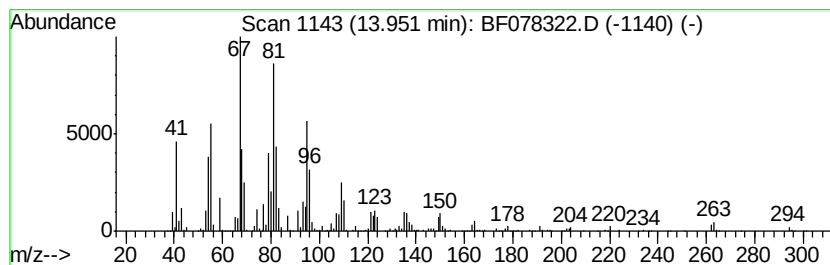
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	25.57 ng	4362750	Phenanthrene-d10	12.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	94
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
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Acq On : 8 Apr 2015 5:06
Operator : TP/IZ
Sample : G1783-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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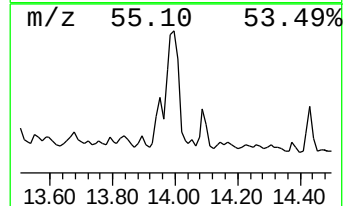
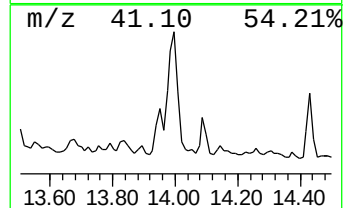
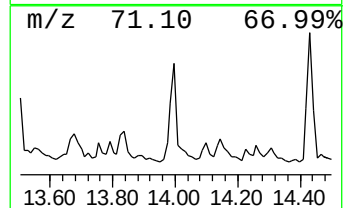
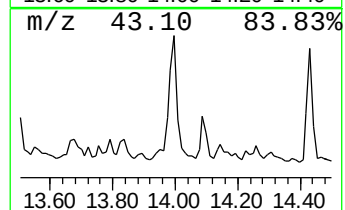
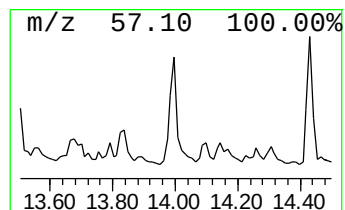
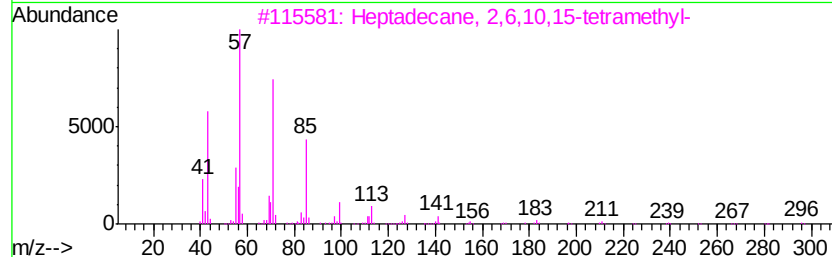
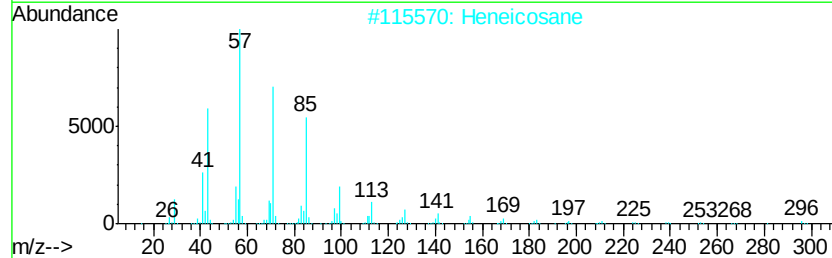
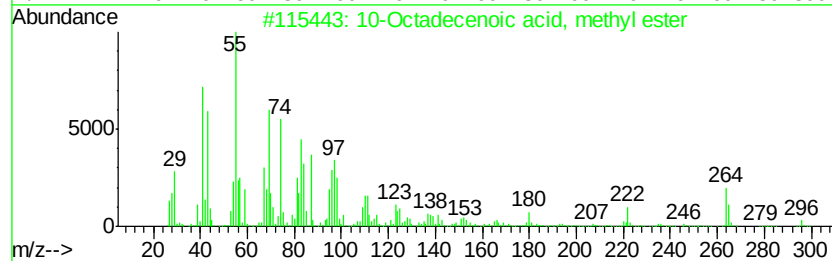
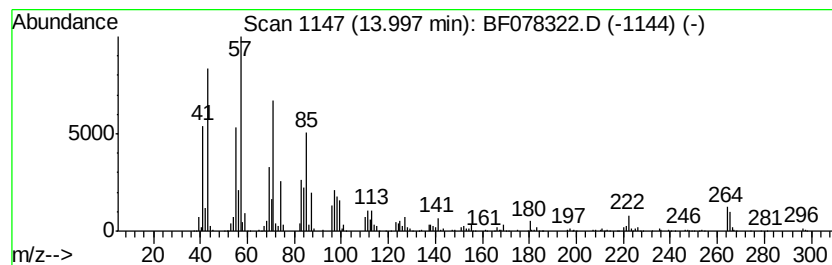
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 10-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	83.97 ng	14328100	Phenanthrene-d10	12.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	86
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
Data File : BF078322.D
Acq On : 8 Apr 2015 5:06
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Sample : G1783-02
Misc :
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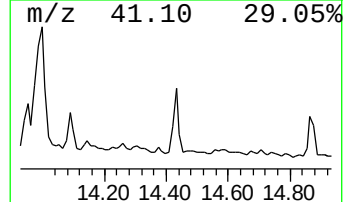
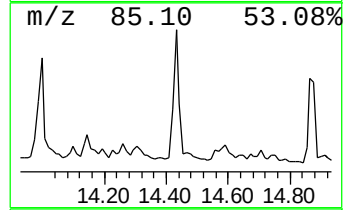
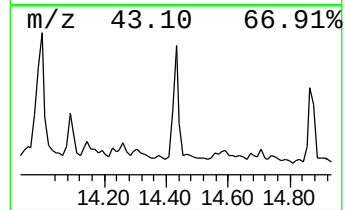
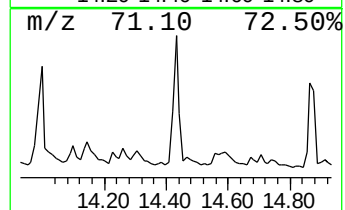
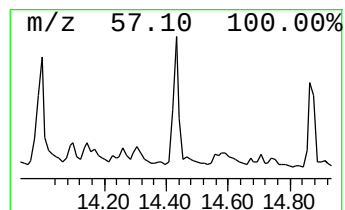
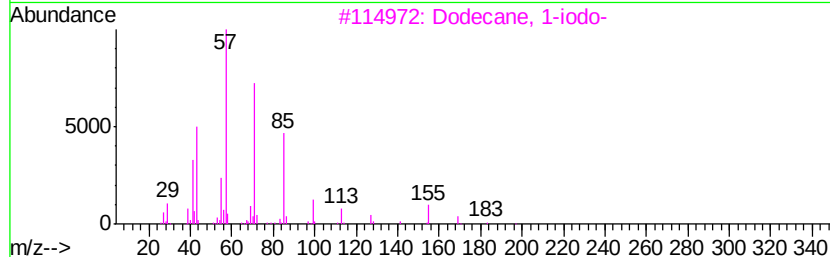
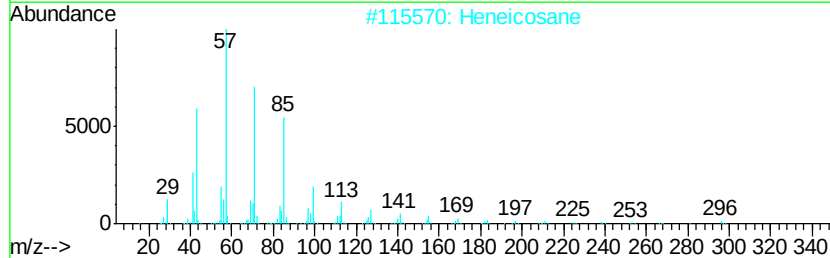
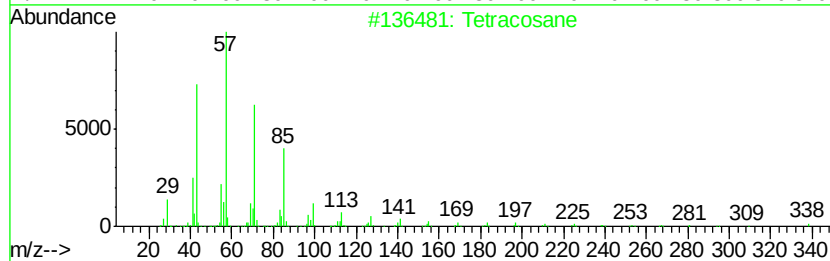
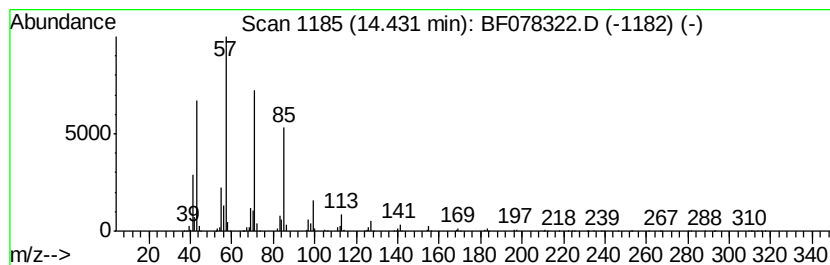
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	49.47 ng	4057000	Chrysene-d12	15.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Heptacosane	380	C27H56	000593-49-7	83
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078322.D
Acq On : 8 Apr 2015 5:06
Operator : TP/IZ
Sample : G1783-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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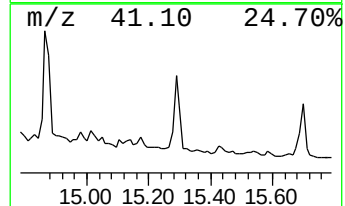
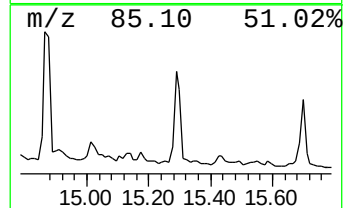
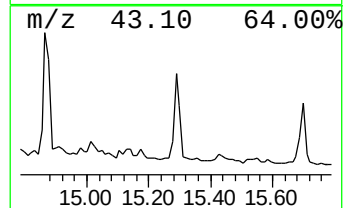
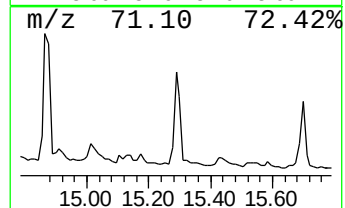
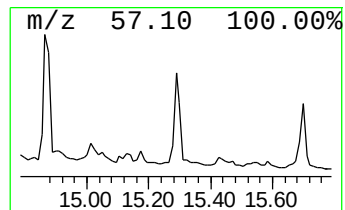
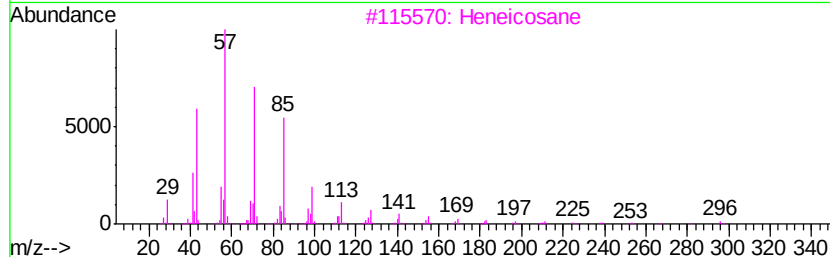
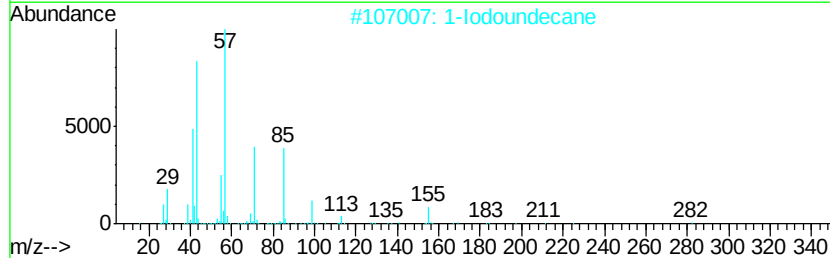
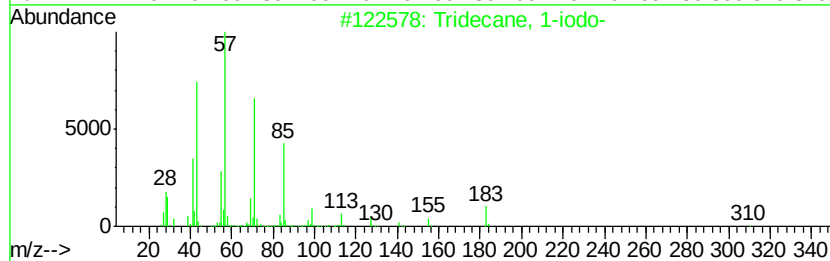
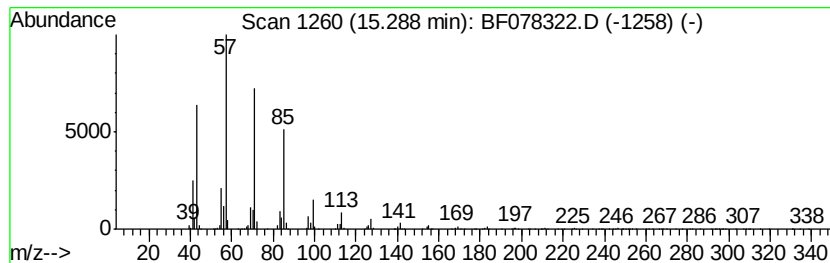
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Iodoundecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	25.15 ng	2062330	Chrysene-d12	15.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
2		1-Iodoundecane	282	C11H23I	004282-44-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Docosane	310	C22H46	000629-97-0	91
5		Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078322.D
 Acq On : 8 Apr 2015 5:06
 Operator : TP/IZ
 Sample : G1783-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
Benzene, 1-ethyl-...	6.34	35.0	ng	2409380	1	6.93	1378080	20.0
Decane	6.77	64.1	ng	4416750	1	6.93	1378080	20.0
Nonane, 2,6-dimet...	6.99	35.7	ng	2462800	1	6.93	1378080	20.0
Benzene, 1-methyl...	7.30	34.4	ng	2367660	1	6.93	1378080	20.0
Benzene, 2-ethyl-...	7.36	42.6	ng	2935200	1	6.93	1378080	20.0
Eicosane	7.40	28.3	ng	1950100	1	6.93	1378080	20.0
Decane, 3-methyl-	7.46	36.5	ng	2518780	1	6.93	1378080	20.0
Hexadecane	9.33	39.1	ng	12127400	2	8.52	6199950	20.0
Heptadecane	12.47	42.3	ng	7209820	4	12.53	3412680	20.0
Octadecane	12.99	38.7	ng	6606940	4	12.53	3412680	20.0
Hexadecanoic acid...	13.13	60.7	ng	10361100	4	12.53	3412680	20.0
Tridecane, 1-iodo-	13.49	30.0	ng	5126040	4	12.53	3412680	20.0
9,12-Octadecadien...	13.95	25.6	ng	4362750	4	12.53	3412680	20.0
10-Octadecenoic a...	14.00	84.0	ng	14328100	4	12.53	3412680	20.0
Tetracosane	14.43	49.5	ng	4057000	5	15.78	1640060	20.0
1-Iodoundecane	15.29	25.1	ng	2062330	5	15.78	1640060	20.0