

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078073.D
 Acq On : 28 Mar 2015 10:45
 Operator : TP/IZ
 Sample : G1677-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-3S-2(7.0-7.5)

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-BF031115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.310	382	387	390	rVB2	1250794	2587765	13.50%	0.677%
2	5.619	412	414	420	rVB2	1235287	1986036	10.36%	0.520%
3	5.733	420	424	426	rBV	3168811	4266365	22.26%	1.116%
4	6.030	446	450	452	rVB3	705249	1759695	9.18%	0.460%
5	6.156	458	461	464	rVB3	1790922	3552467	18.54%	0.929%
6	6.224	464	467	469	rBV	897382	1521619	7.94%	0.398%
7	6.407	477	483	485	rBV2	1020570	2360119	12.31%	0.617%
8	6.487	488	490	492	rBV3	1857279	3605244	18.81%	0.943%
9	6.522	492	493	497	rVB2	1906281	2504950	13.07%	0.655%
10	6.590	497	499	501	rBV	2847266	2979792	15.55%	0.779%
11	6.659	501	505	507	rBV2	832387	2168779	11.32%	0.567%
12	6.693	507	508	511	rVB2	1457702	1419960	7.41%	0.371%
13	6.762	511	514	515	rBV	1122429	1948513	10.17%	0.510%
14	6.796	515	517	521	rVB3	1109320	1552529	8.10%	0.406%
15	6.864	521	523	524	rBV	2524352	2706970	14.12%	0.708%
16	6.910	524	527	529	rVB	4924347	7024601	36.65%	1.838%
17	7.025	533	537	539	rBV2	891171	1829211	9.54%	0.478%
18	7.127	544	546	547	rBV	2697956	2943123	15.36%	0.770%
19	7.265	555	558	564	rVB4	2235040	6226505	32.49%	1.629%
20	7.402	564	570	571	rBV2	1529013	2836241	14.80%	0.742%
21	7.436	571	573	576	rVB2	2261950	3803745	19.85%	0.995%
22	7.493	576	578	579	rBV	3396249	4178517	21.80%	1.093%
23	7.527	579	581	583	rBV	1346139	2024686	10.56%	0.530%
24	7.585	583	586	589	rVB2	1792402	4827783	25.19%	1.263%
25	7.665	592	593	595	rBV	888118	1449128	7.56%	0.379%
26	7.756	597	601	602	rBV2	2321196	2953368	15.41%	0.773%
27	7.870	607	611	612	rBV	5975914	8973110	46.82%	2.347%
28	7.905	612	614	616	rVB2	1856022	2086195	10.89%	0.546%
29	7.985	619	621	624	rVB4	1299030	1859070	9.70%	0.486%
30	8.053	624	627	628	rBV3	943887	1269566	6.62%	0.332%
31	8.076	628	629	633	rVB	3220197	3953329	20.63%	1.034%
32	8.213	637	641	644	rBV3	2907224	6227608	32.49%	1.629%
33	8.259	644	645	647	rVB	2033649	2616356	13.65%	0.684%
34	8.316	647	650	651	rBV2	1789516	2625900	13.70%	0.687%

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35	8.350	651	653	655	rVB2	3620464	5084552	26.53%	1.330%
36	8.396	655	657	660	rVB3	3599142	5154641	26.90%	1.348%
37	8.453	660	662	665	rBV3	3436108	6714220	35.03%	1.756%
38	8.522	667	668	670	rBV	872319	1220997	6.37%	0.319%
39	8.705	674	684	685	rBV3	6555729	19164952	100.00%	5.013%
40	8.728	685	686	690	rVV	1713891	2425066	12.65%	0.634%
41	8.796	690	692	695	rVB2	3014337	4309848	22.49%	1.127%
42	8.910	700	702	706	rBV4	2475519	4423084	23.08%	1.157%
43	9.025	709	712	713	rVV2	929752	1508341	7.87%	0.395%
44	9.048	713	714	716	rVV	1413630	1917964	10.01%	0.502%
45	9.093	716	718	720	rVB2	1408989	2533524	13.22%	0.663%
46	9.139	720	722	725	rBV3	2235710	4741785	24.74%	1.240%
47	9.185	725	726	728	rVB2	2044929	1741353	9.09%	0.456%
48	9.242	728	731	734	rVB2	4382735	5878945	30.68%	1.538%
49	9.299	734	736	738	rBV	2400306	3165936	16.52%	0.828%
50	9.356	738	741	744	rVB4	1157923	2188576	11.42%	0.573%
51	9.470	746	751	752	rBV	5593440	11842978	61.79%	3.098%
52	9.562	755	759	761	rVB4	4189848	7009134	36.57%	1.833%
53	9.676	765	769	770	rBV3	2781312	4606928	24.04%	1.205%
54	9.699	770	771	773	rVV2	2290189	3089370	16.12%	0.808%
55	9.813	776	781	783	rBV5	1940801	6363726	33.21%	1.665%
56	9.859	783	785	787	rVV2	1796553	2431816	12.69%	0.636%
57	9.905	787	789	790	rVB	2134134	2429439	12.68%	0.636%
58	9.951	790	793	794	rBV3	2244831	2919871	15.24%	0.764%
59	9.985	794	796	799	rVB2	3382484	3986186	20.80%	1.043%
60	10.133	807	809	810	rVV2	1167844	2024488	10.56%	0.530%
61	10.179	810	813	814	rVV	5024089	9689161	50.56%	2.535%
62	10.248	817	819	821	rVV2	1659176	2444434	12.75%	0.639%
63	10.339	825	827	829	rBV	2449850	4340806	22.65%	1.135%
64	10.431	832	835	836	rVV3	2554127	4241624	22.13%	1.110%
65	10.465	836	838	840	rVV3	3102229	4839286	25.25%	1.266%
66	10.556	842	846	847	rVV3	3610871	7539019	39.34%	1.972%
67	10.625	850	852	853	rVV	1436380	1369063	7.14%	0.358%
68	10.671	855	856	858	rVB	1193483	1286494	6.71%	0.337%
69	10.831	867	870	873	rBV2	5111261	10187326	53.16%	2.665%
70	10.991	882	884	886	rVB	1390939	2339483	12.21%	0.612%
71	11.105	890	894	896	rBV	2343450	4795537	25.02%	1.254%

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72	11.139	896	897	898	rVV	1150568	1234387	6.44%	0.323%
73	11.208	902	903	905	rVB	2150436	2548214	13.30%	0.667%
74	11.254	905	907	908	rBV2	1722436	2115821	11.04%	0.553%
75	11.356	911	916	921	rBV6	1476288	4940925	25.78%	1.292%
76	11.459	921	925	926	rBV	4501327	8982944	46.87%	2.350%
77	11.562	932	934	936	rBV2	1517537	2746966	14.33%	0.719%
78	11.711	944	947	951	rVB	3040118	6146064	32.07%	1.608%
79	11.814	954	956	957	rBV	1774436	2224635	11.61%	0.582%
80	12.042	973	976	983	rVB	4453856	12902170	67.32%	3.375%
81	12.271	992	996	998	rBV3	1192694	3402270	17.75%	0.890%
82	12.305	998	999	1001	rVB	1512291	1248747	6.52%	0.327%
83	12.339	1001	1002	1004	rBV	882469	1219748	6.36%	0.319%
84	12.385	1004	1006	1008	rBV3	1012374	1674139	8.74%	0.438%
85	12.431	1008	1010	1011	rVB	1088363	1298331	6.77%	0.340%
86	12.602	1021	1025	1026	rBV	4228909	8114988	42.34%	2.123%
87	12.625	1026	1027	1030	rVB	2889994	3173116	16.56%	0.830%
88	12.808	1040	1043	1044	rBV2	866683	1703271	8.89%	0.446%
89	13.128	1066	1071	1073	rBV	4491834	7475549	39.01%	1.956%
90	13.311	1084	1087	1088	rBV2	1499829	2303953	12.02%	0.603%
91	13.345	1088	1090	1093	rVB	1376823	2080751	10.86%	0.544%
92	13.437	1096	1098	1100	rBV	1355947	1640315	8.56%	0.429%
93	13.631	1112	1115	1117	rVB	4208178	5491305	28.65%	1.436%
94	13.802	1128	1130	1134	rBV4	718547	1771084	9.24%	0.463%
95	13.894	1137	1138	1140	rVV	831356	1253547	6.54%	0.328%
96	13.985	1142	1146	1148	rVV2	1060660	2544556	13.28%	0.666%
97	14.111	1154	1157	1158	rVV	3871017	5383400	28.09%	1.408%
98	14.568	1193	1197	1199	rVV2	2991094	4264079	22.25%	1.115%
99	15.002	1233	1235	1237	rVB	2167329	2330786	12.16%	0.610%
100	15.425	1269	1272	1276	rVB	1361208	1487722	7.76%	0.389%

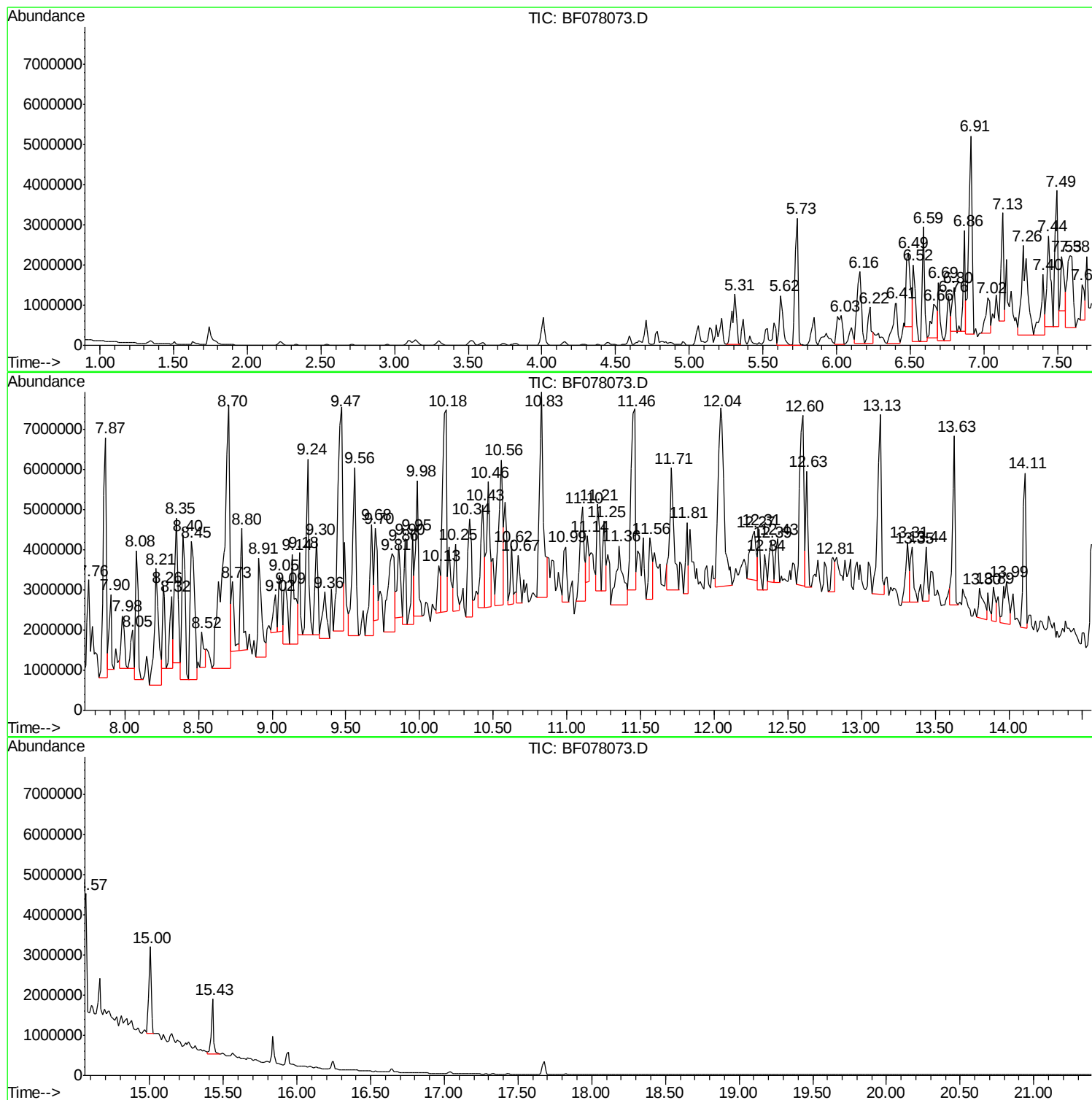
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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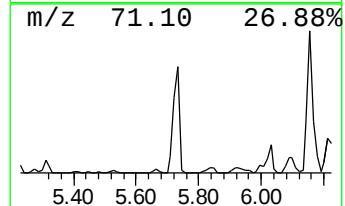
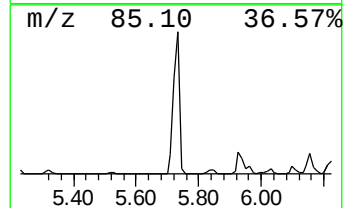
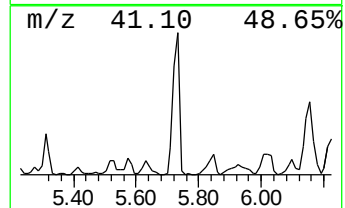
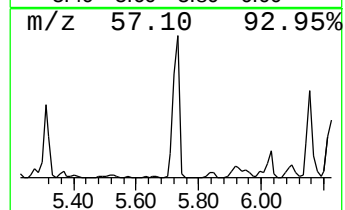
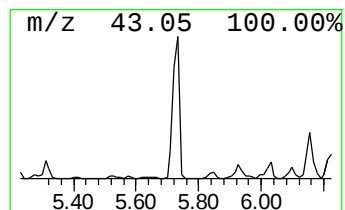
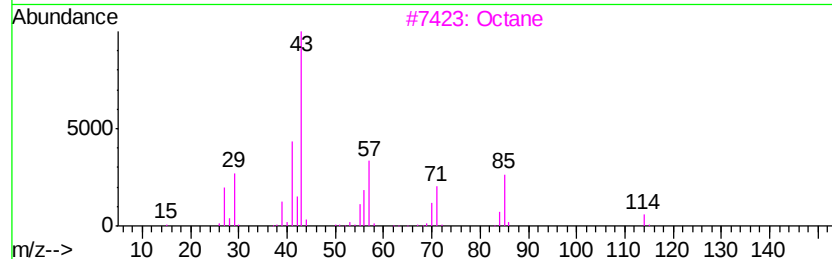
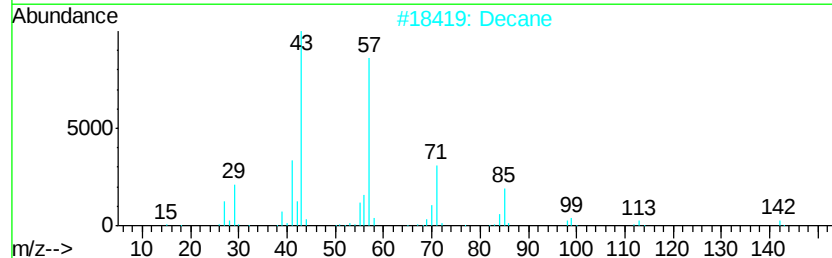
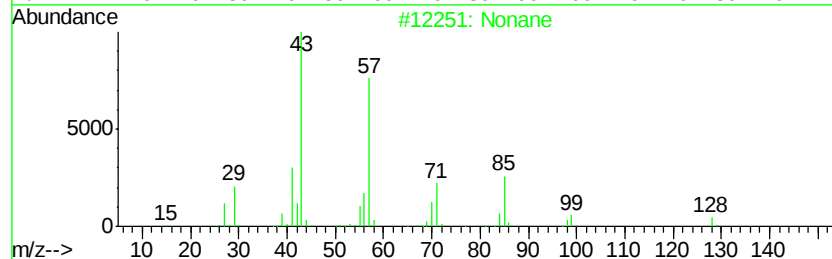
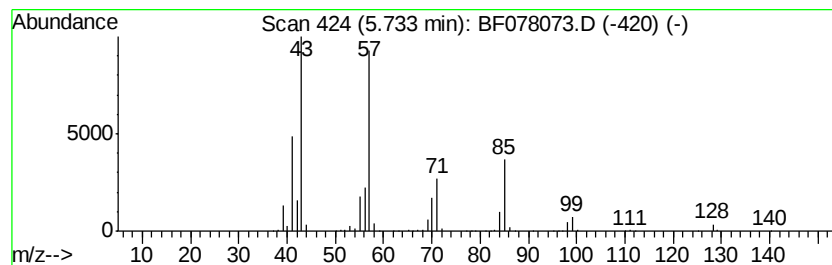
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	28.99 ng	4266370	1,4-Dichlorobenzene-d4	7.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	94
2		Decane	142	C10H22	000124-18-5	64
3		Octane	114	C8H18	000111-65-9	59
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53



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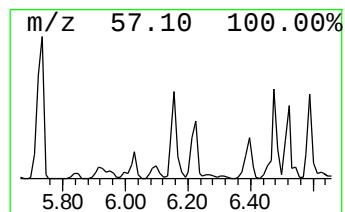
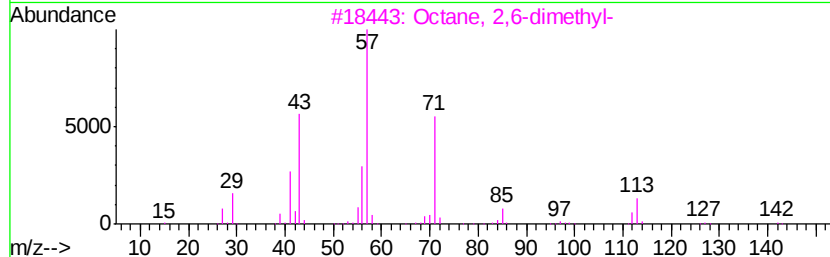
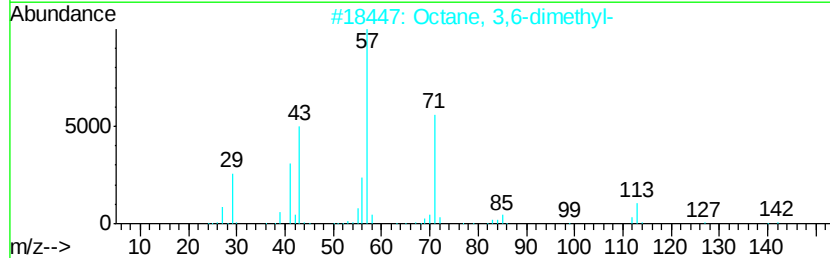
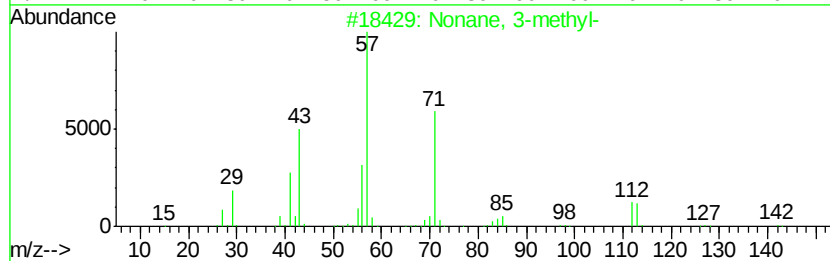
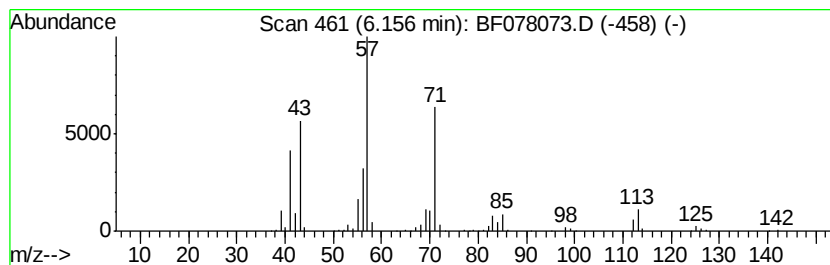
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Nonane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	24.14 ng	3552470	1,4-Dichlorobenzene-d4	7.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3-methyl-	142 C10H22	005911-04-6	91
2	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	90
3	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	87
4	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	78
5	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	72



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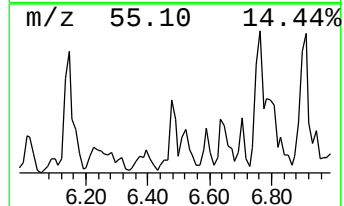
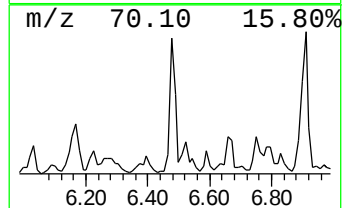
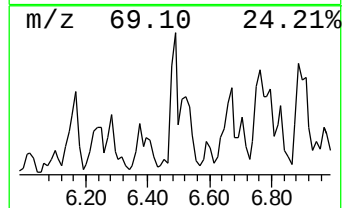
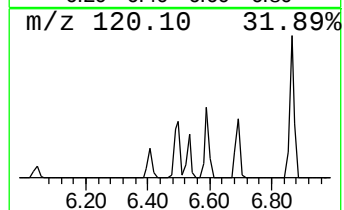
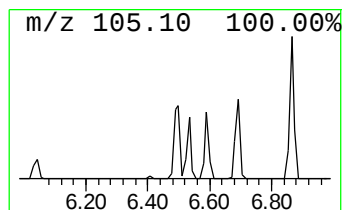
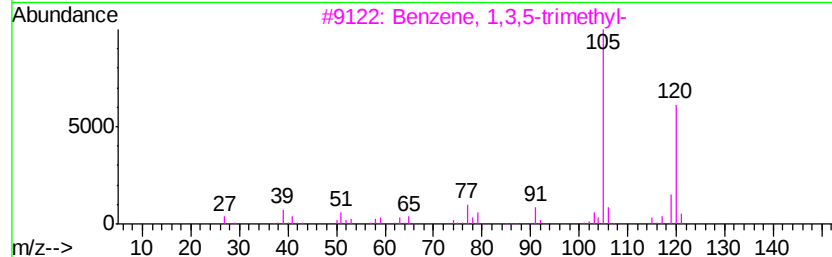
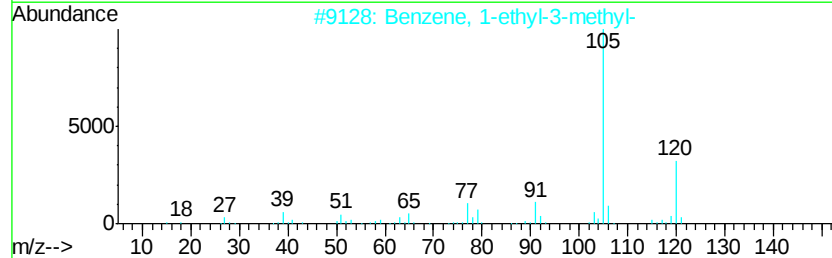
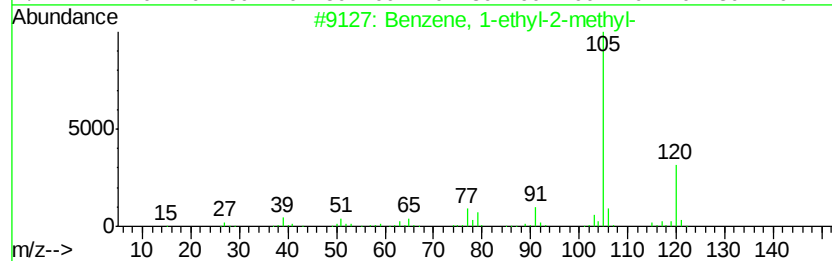
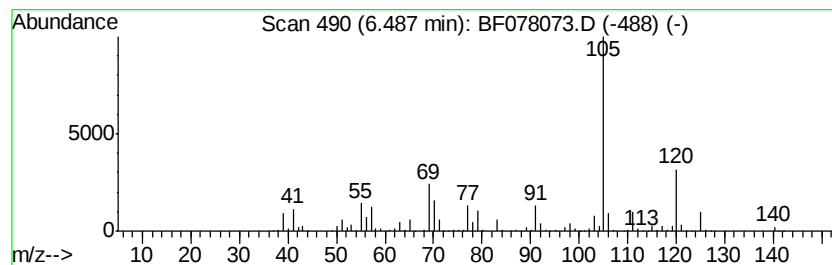
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	24.50 ng	3605240	1,4-Dichlorobenzene-d4	7.08

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-ethyl-4-methyl-	120	C9H12	000622-96-8	70
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70



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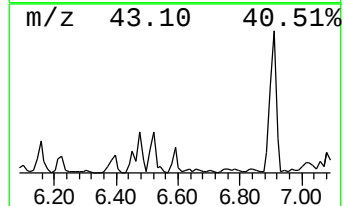
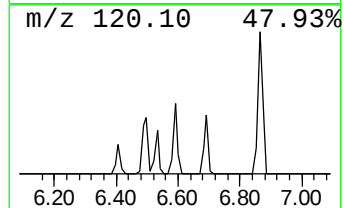
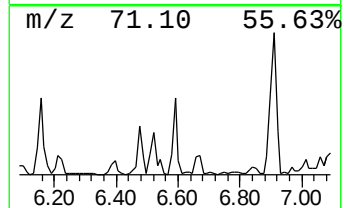
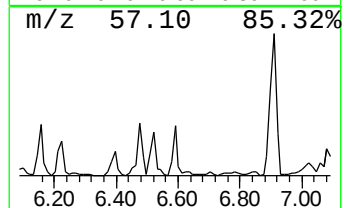
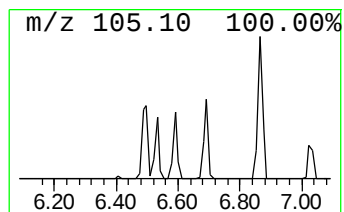
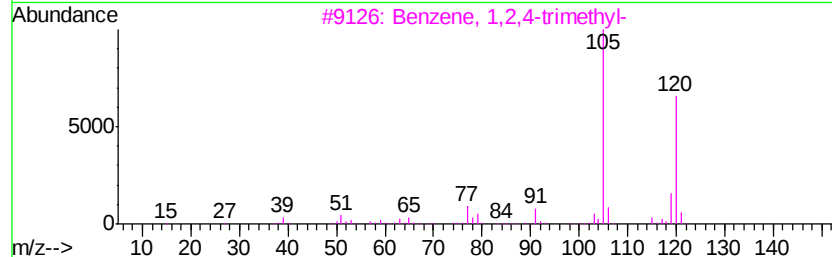
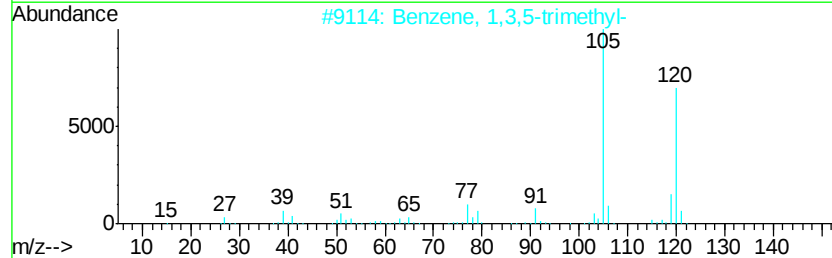
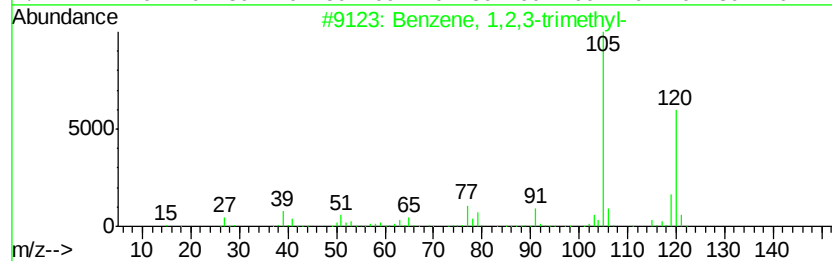
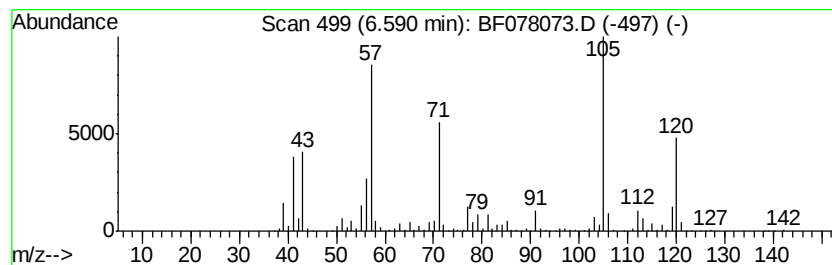
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	20.25 ng	2979790	1,4-Dichlorobenzene-d4	7.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	89
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

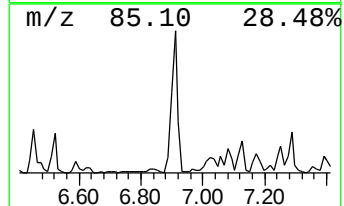
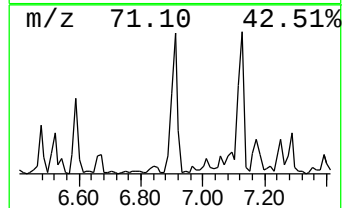
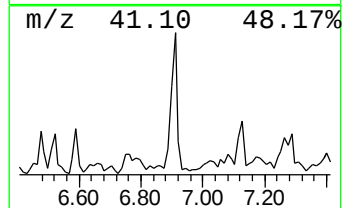
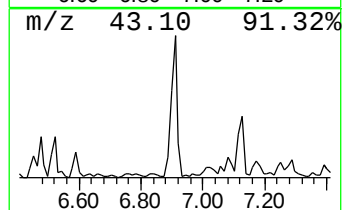
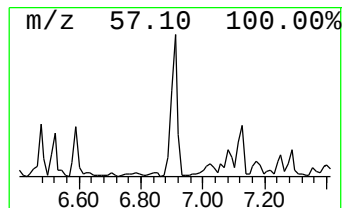
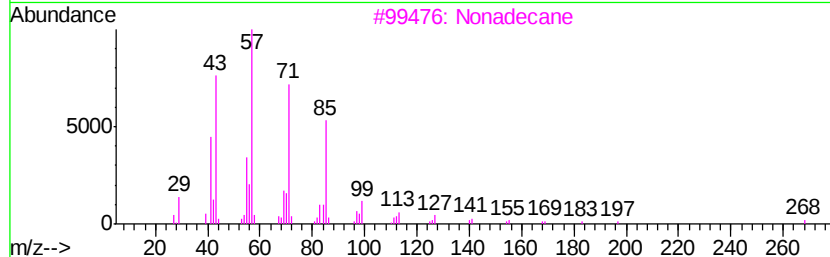
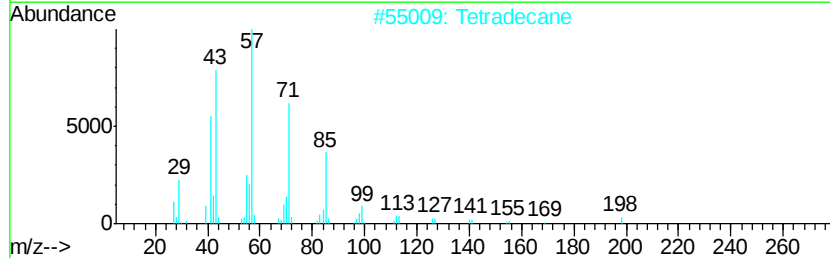
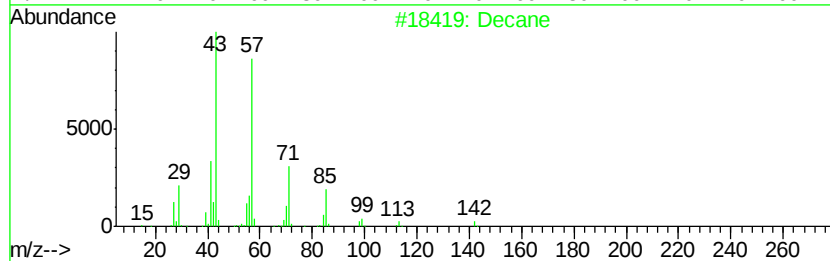
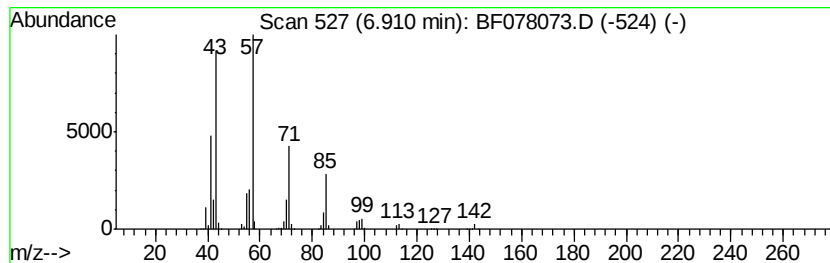
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	47.74 ng	7024600	1,4-Dichlorobenzene-d4	7.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Tetradecane	198	C14H30	000629-59-4	83
3		Nonadecane	268	C19H40	000629-92-5	83
4		Undecane	156	C11H24	001120-21-4	83
5		Pentadecane	212	C15H32	000629-62-9	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

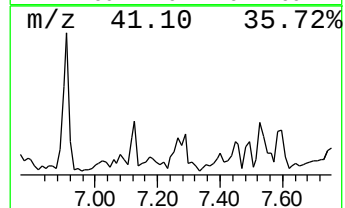
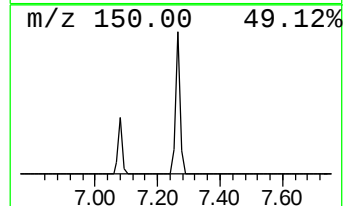
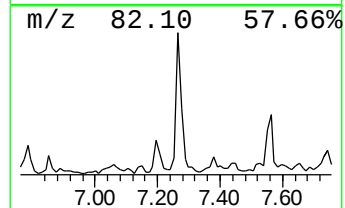
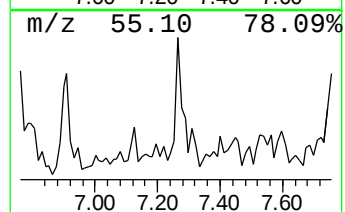
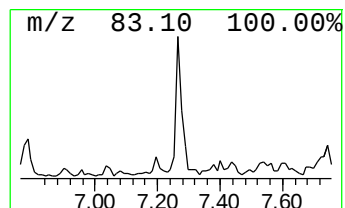
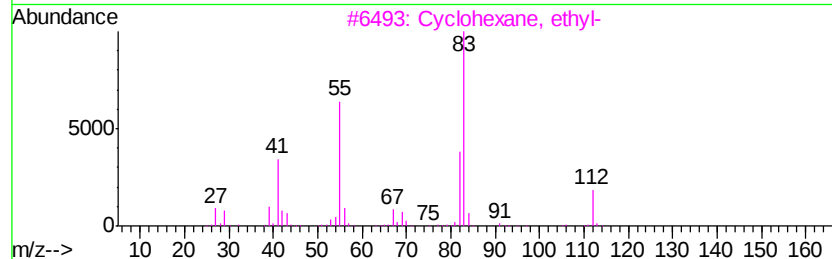
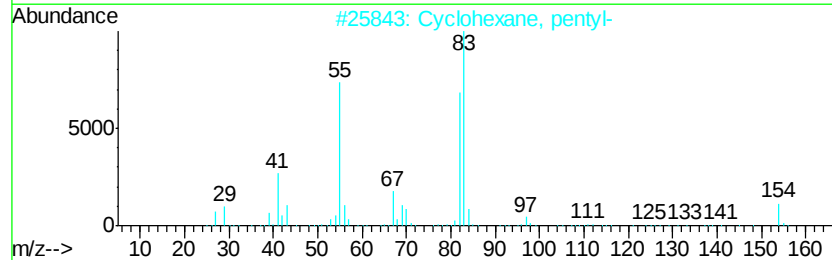
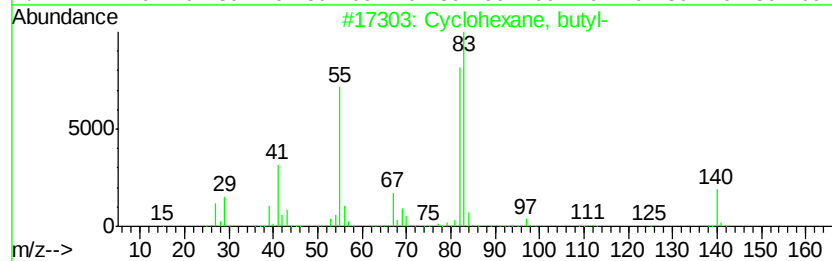
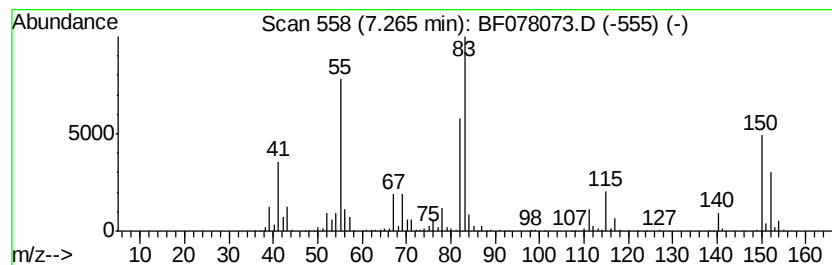
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	42.31 ng	6226510	1,4-Dichlorobenzene-d4	7.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	60
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

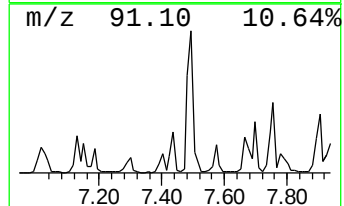
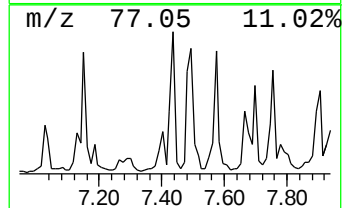
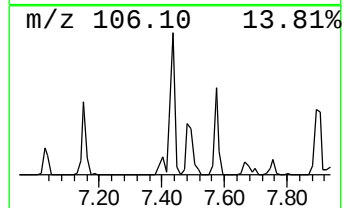
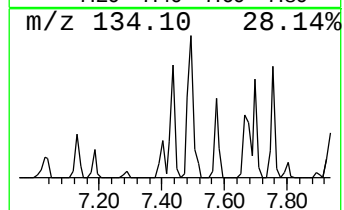
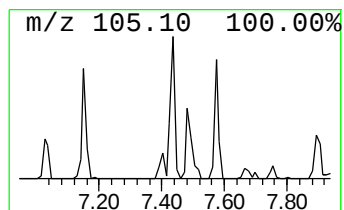
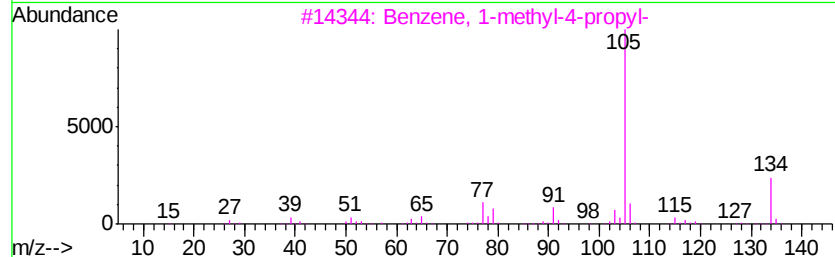
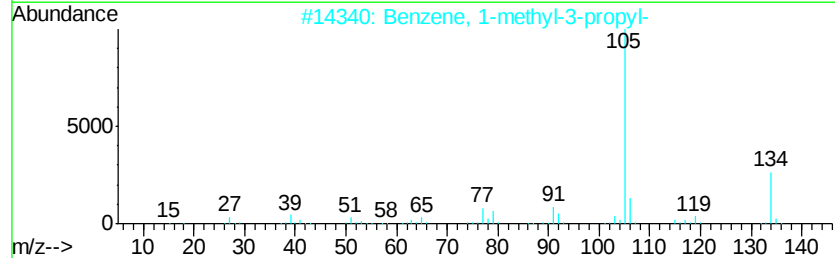
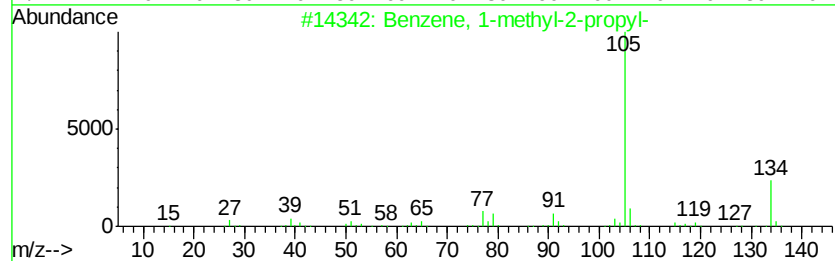
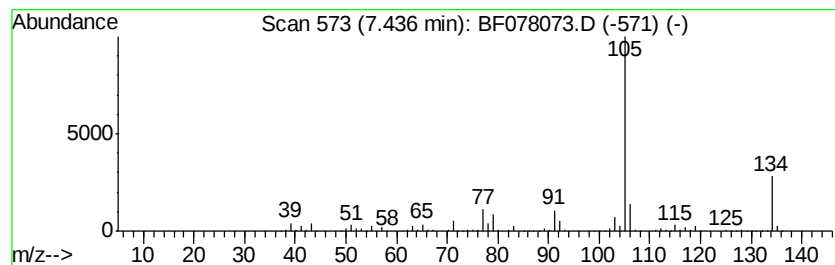
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-2-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	25.85 ng	3803750	1,4-Dichlorobenzene-d4	7.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5		2-Tolyloxirane	134	C9H10O	002783-26-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DEL-3S-2(7.0-7.5)

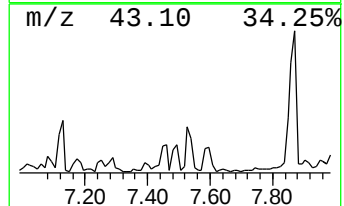
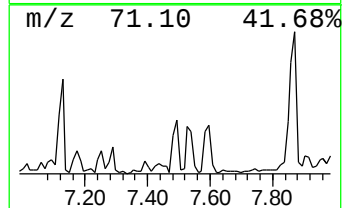
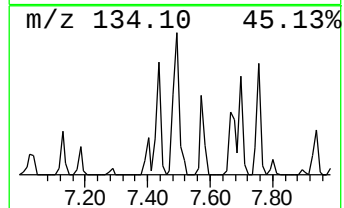
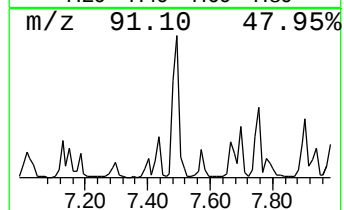
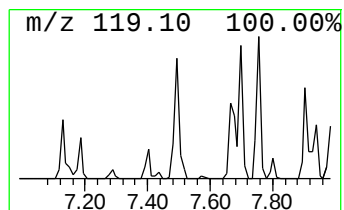
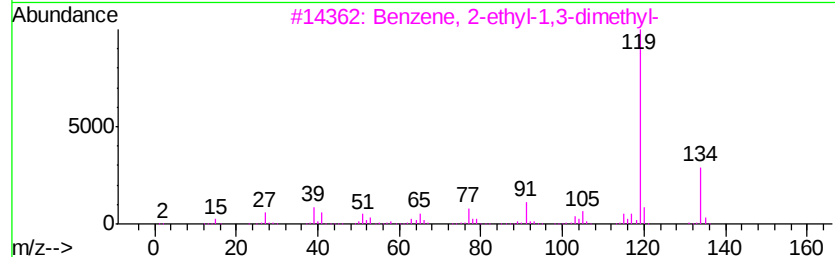
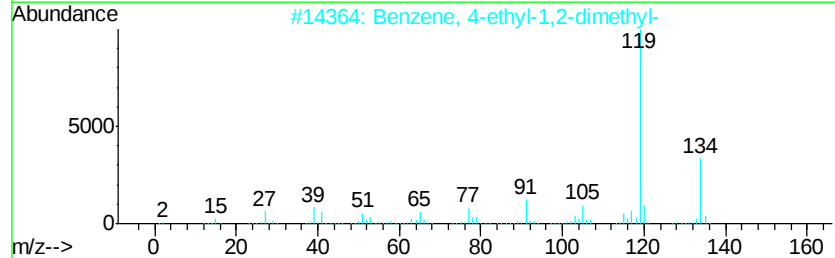
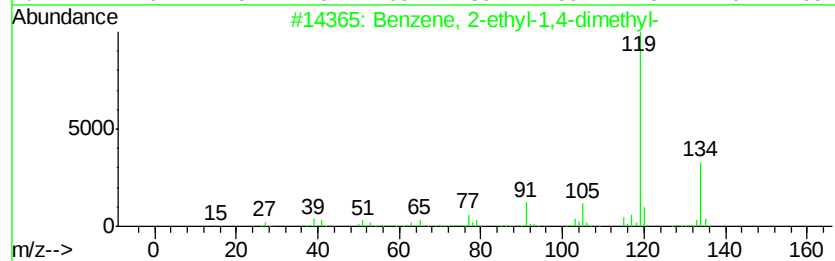
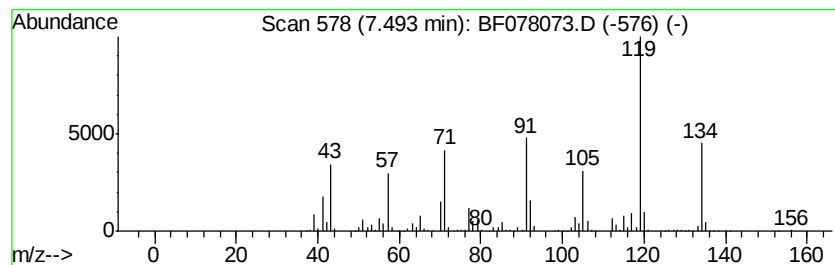
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	28.40 ng	4178520	1,4-Dichlorobenzene-d4	7.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	70
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

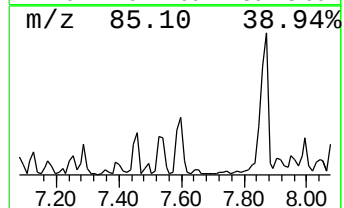
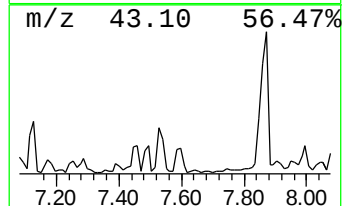
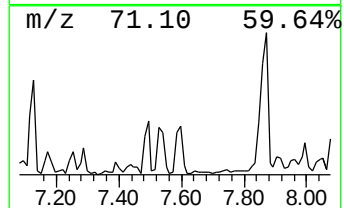
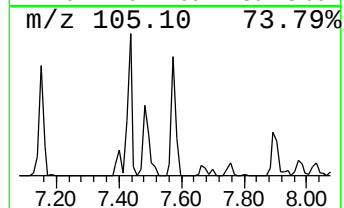
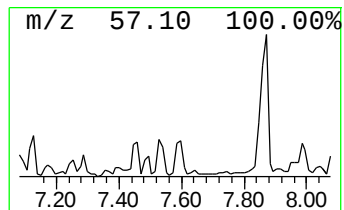
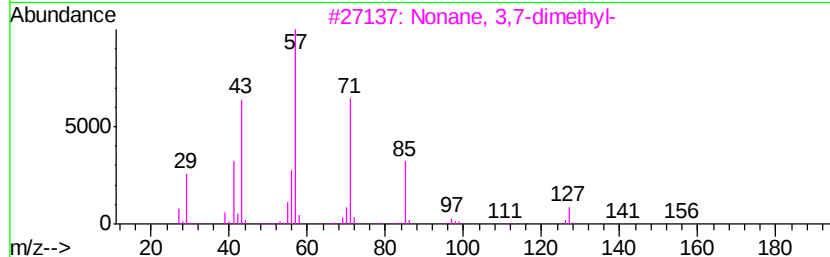
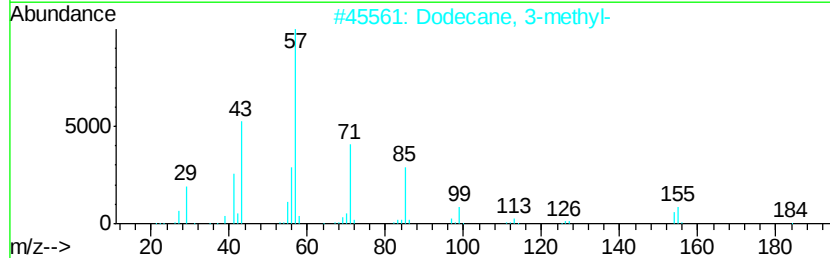
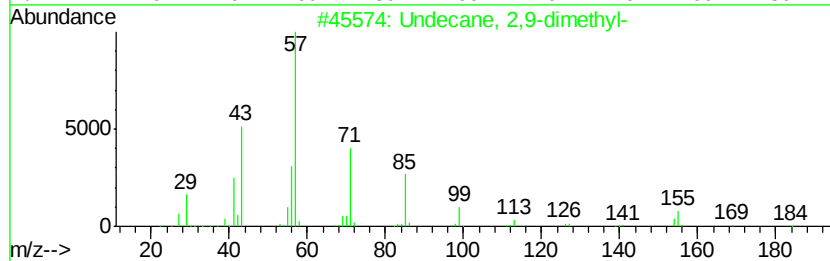
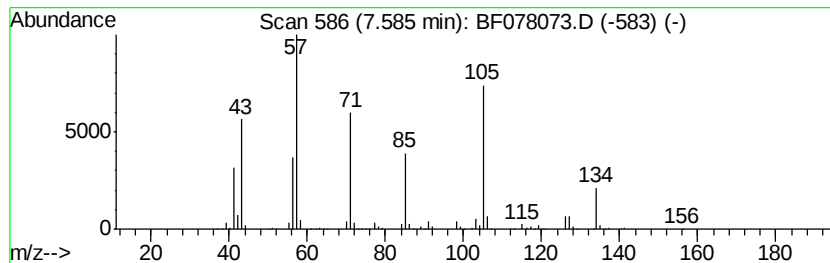
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2,9-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	32.81 ng	4827780	1,4-Dichlorobenzene-d4	7.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
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ClientSampleId :
DEL-3S-2(7.0-7.5)

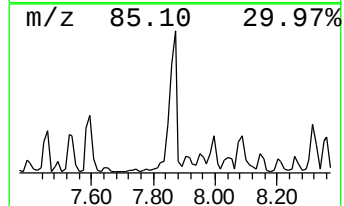
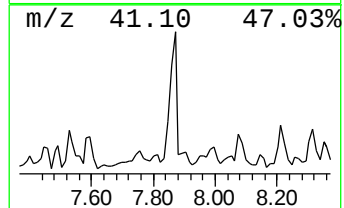
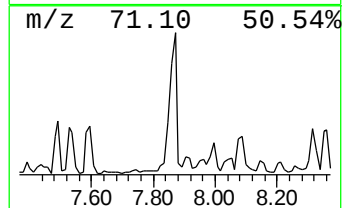
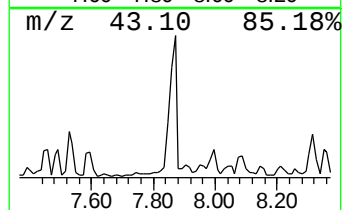
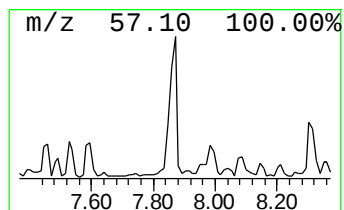
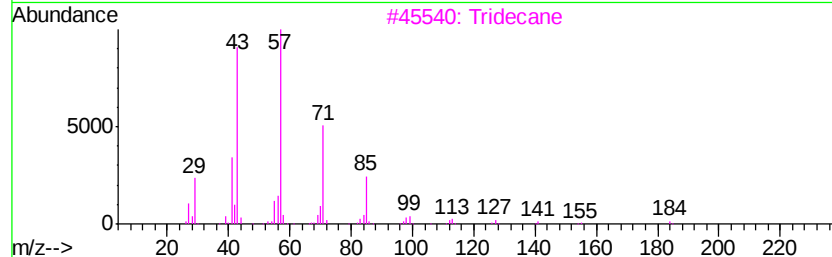
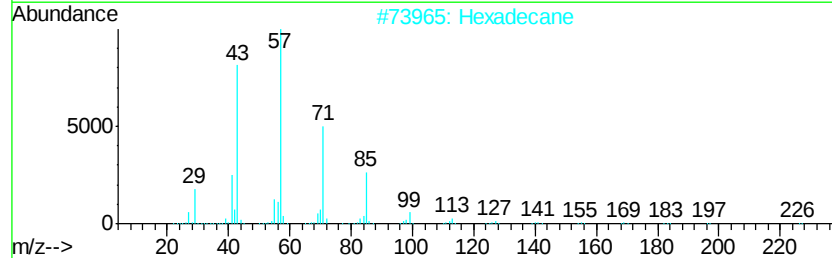
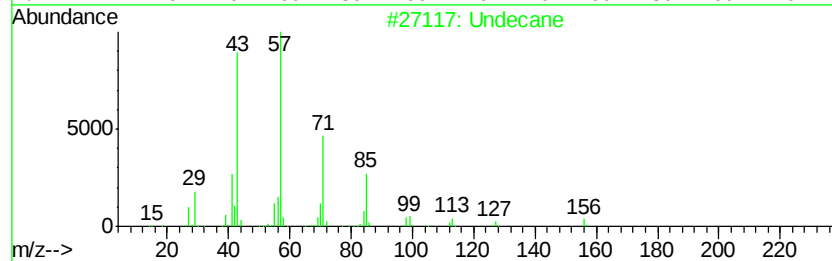
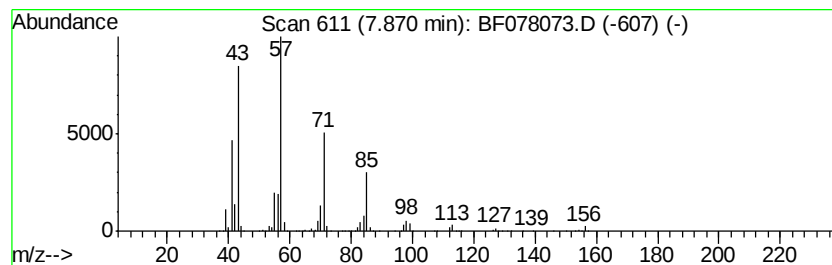
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	60.98 ng	8973110	1,4-Dichlorobenzene-d4	7.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane	184	C13H28	000629-50-5	80
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DEL-3S-2(7.0-7.5)

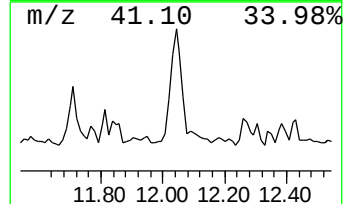
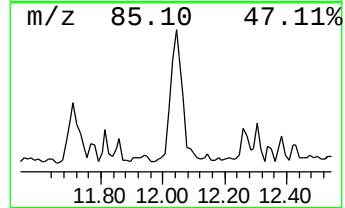
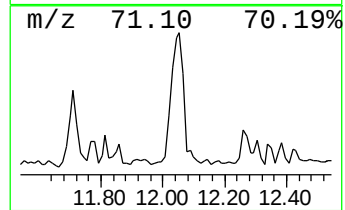
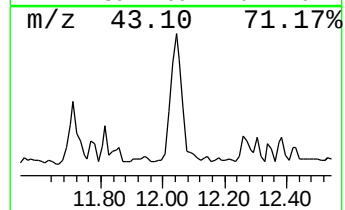
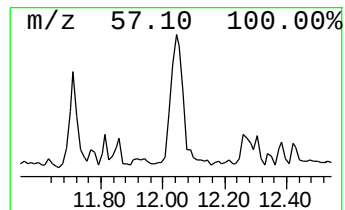
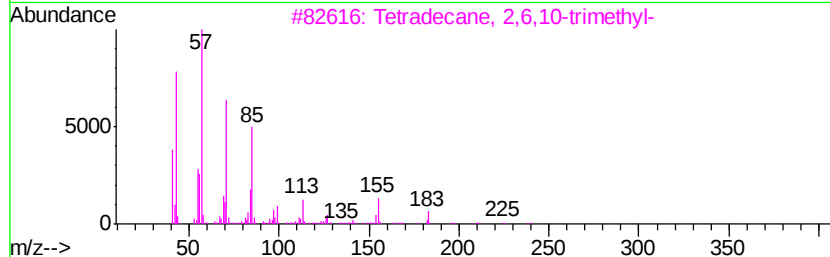
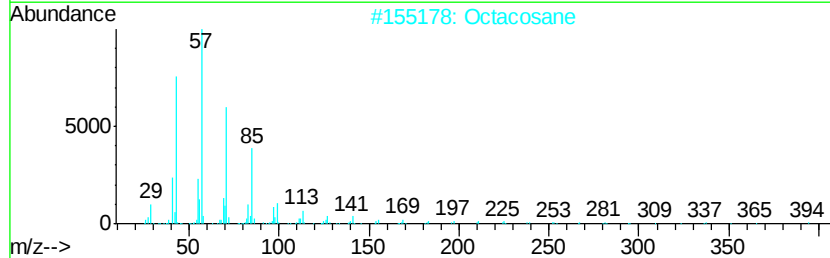
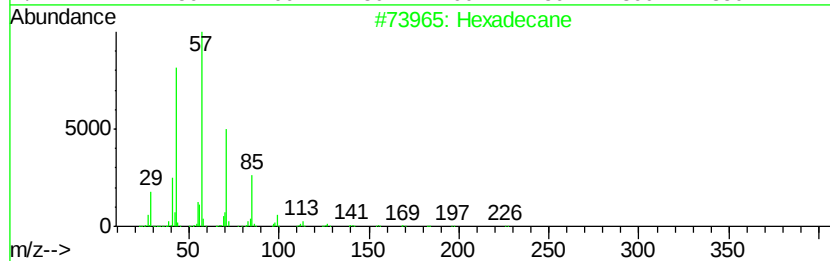
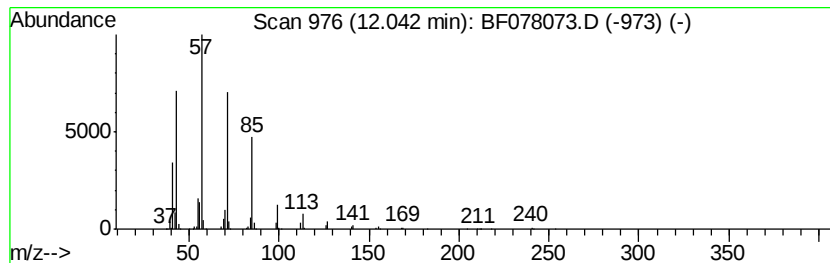
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	81.32 ng	12902200	Phenanthrene-d10	12.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
4		Tetracosane	338	C24H50	000646-31-1	83
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
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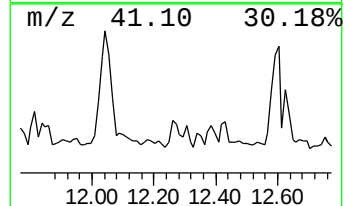
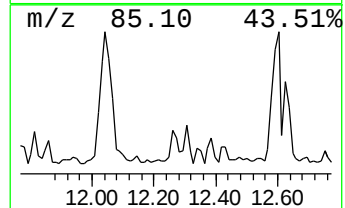
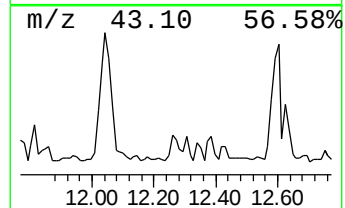
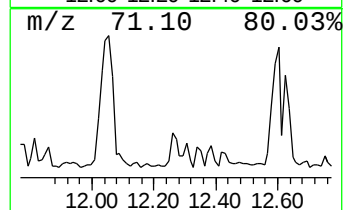
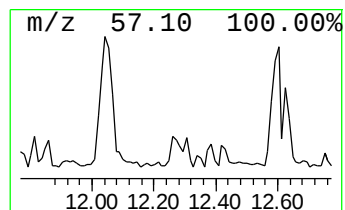
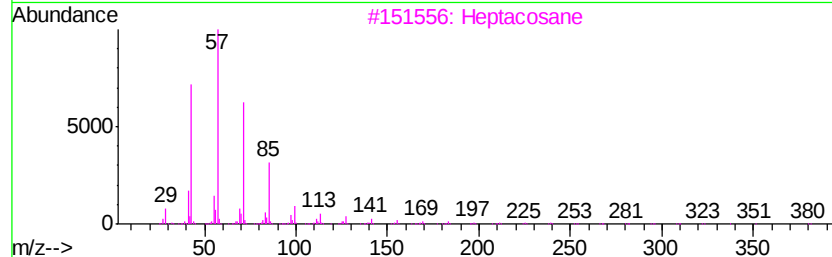
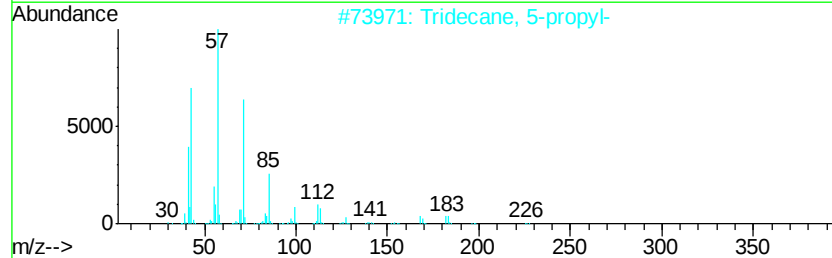
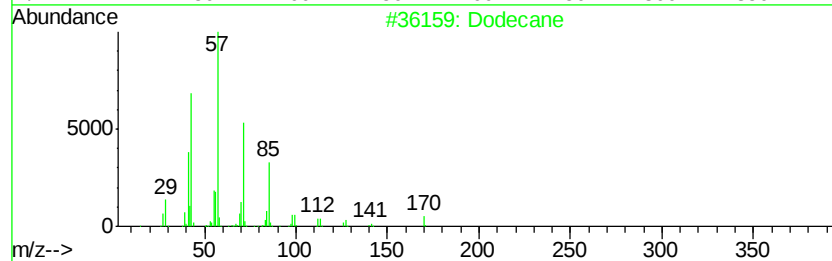
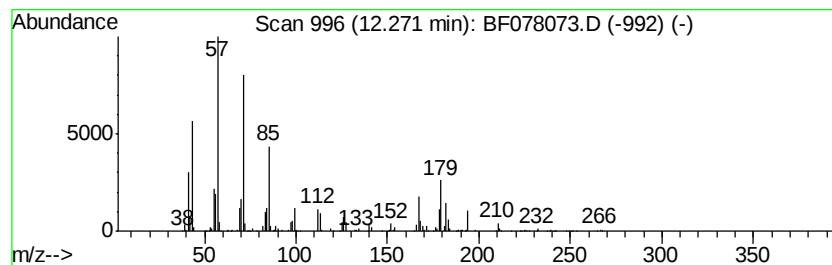
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.	
12.27	21.44 ng	3402270	Phenanthrene-d10			12.68	
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	64
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	60
3			Heptacosane	380	C27H56	000593-49-7	52
4			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	52
5			Hexadecane	226	C16H34	000544-76-3	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

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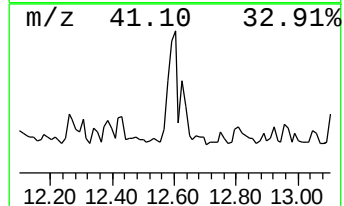
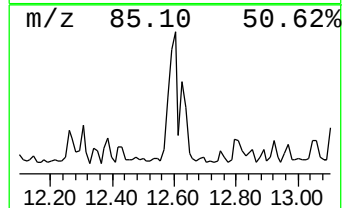
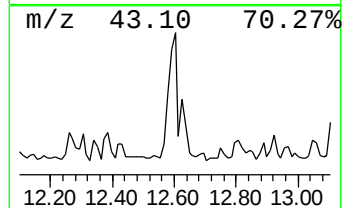
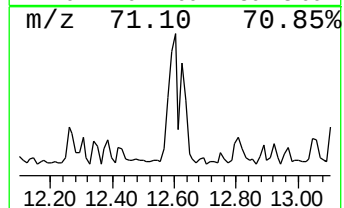
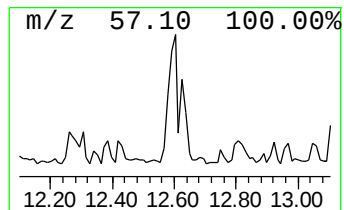
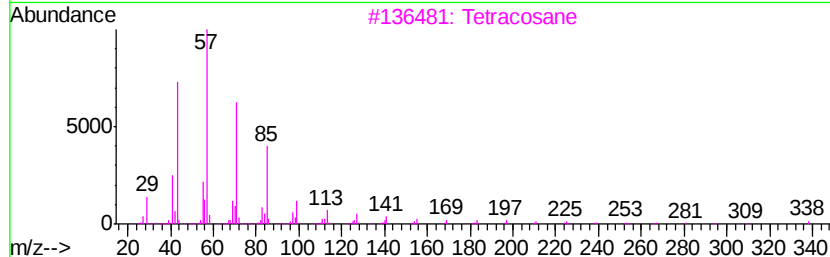
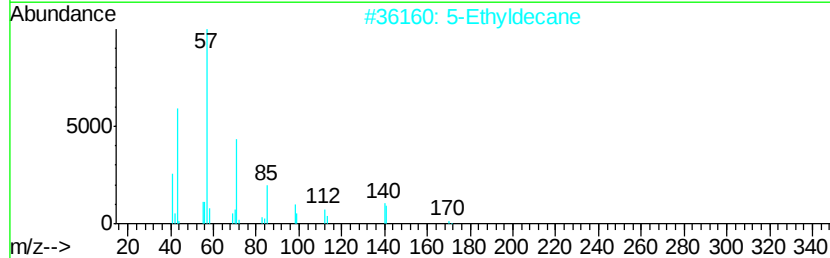
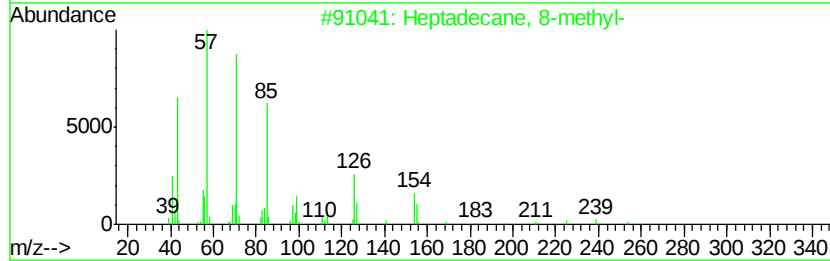
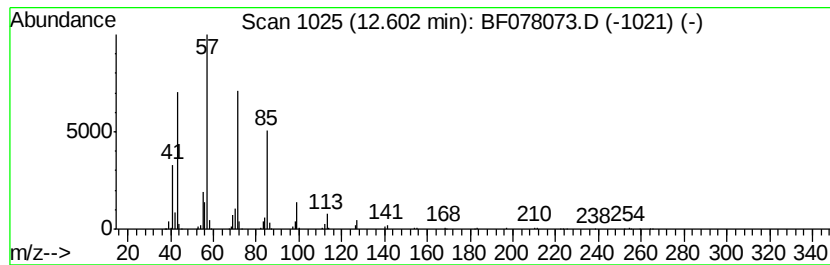
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 8-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	51.15 ng	8114990	Phenanthrene-d10	12.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
2		5-Ethyldecane	170	C12H26	017302-36-2	86
3		Tetracosane	338	C24H50	000646-31-1	83
4		Octacosane	394	C28H58	000630-02-4	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
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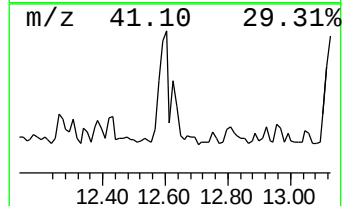
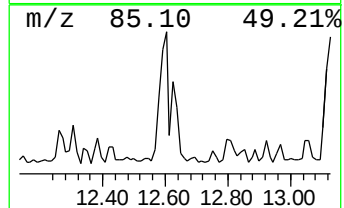
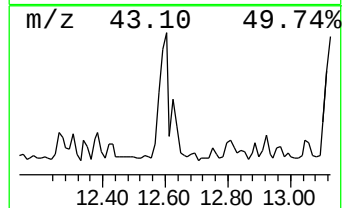
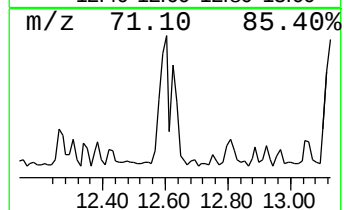
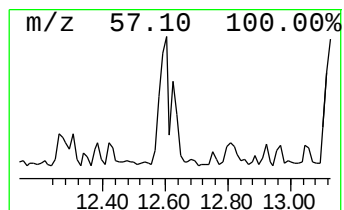
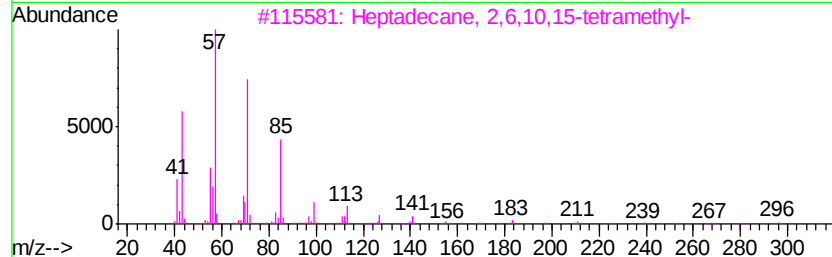
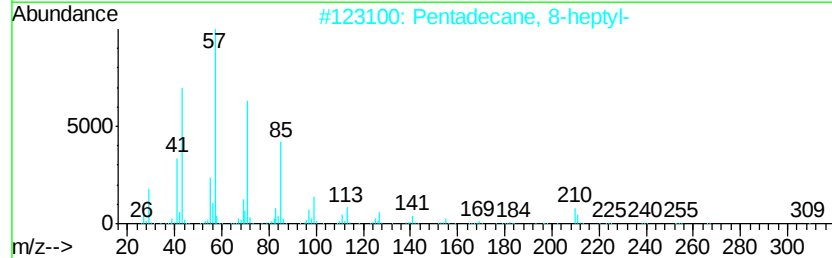
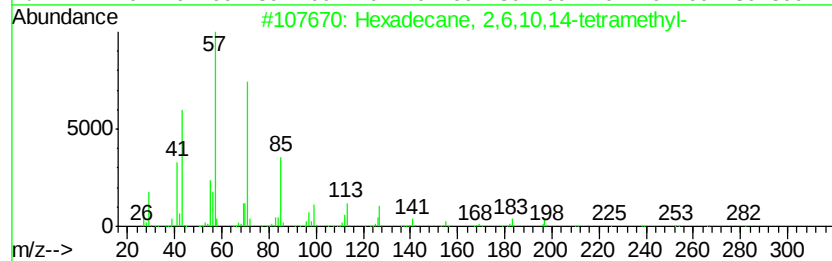
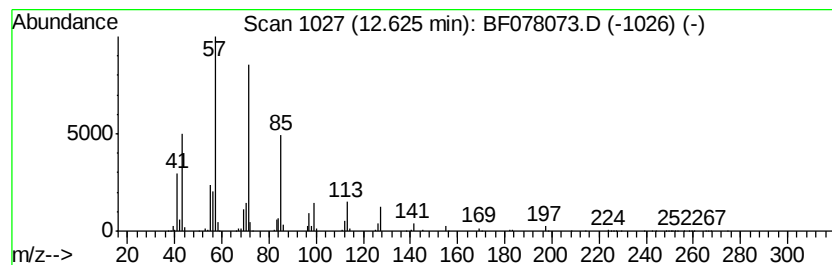
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.63	20.00 ng	3173120	Phenanthrene-d10	12.68		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91	
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90	
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86	
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83	
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
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ClientSampleId :
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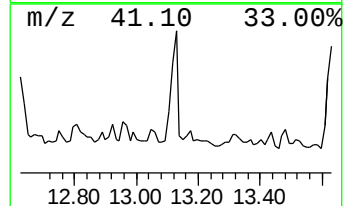
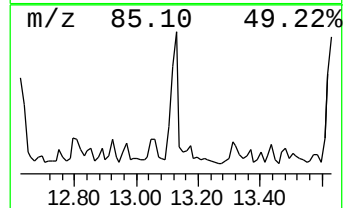
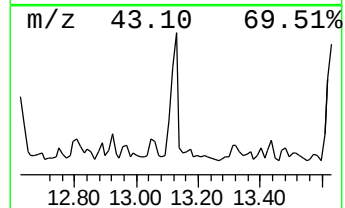
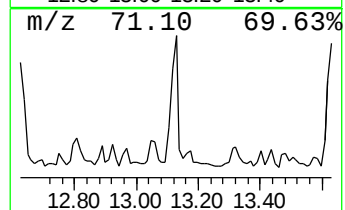
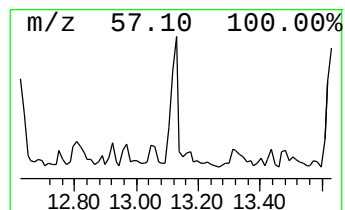
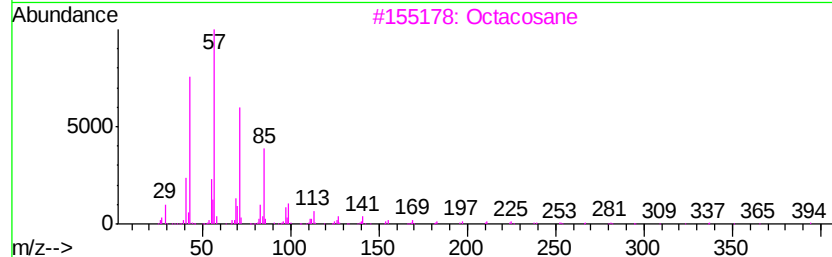
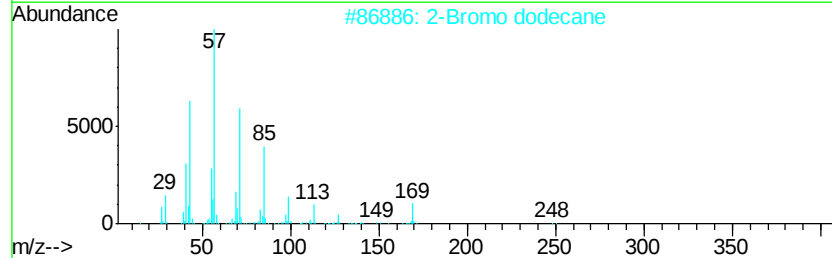
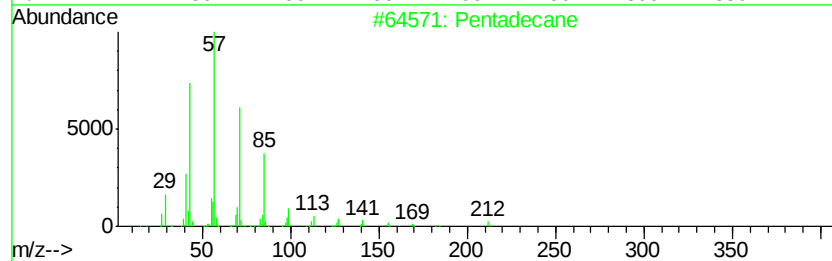
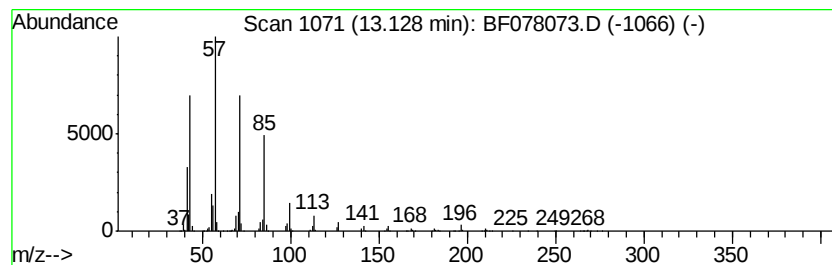
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	47.12 ng	7475550	Phenanthrene-d10	12.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
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Operator : TP/IZ
Sample : G1677-09
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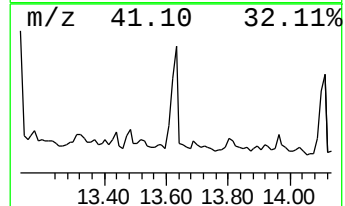
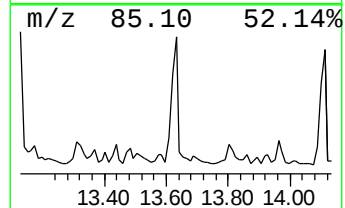
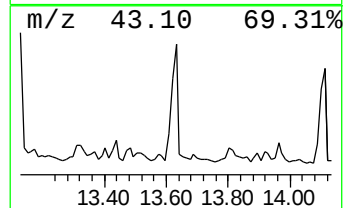
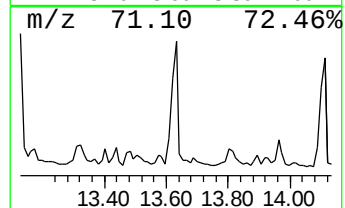
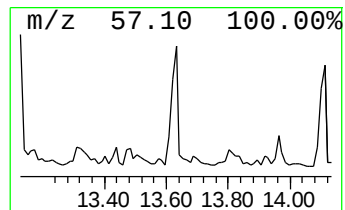
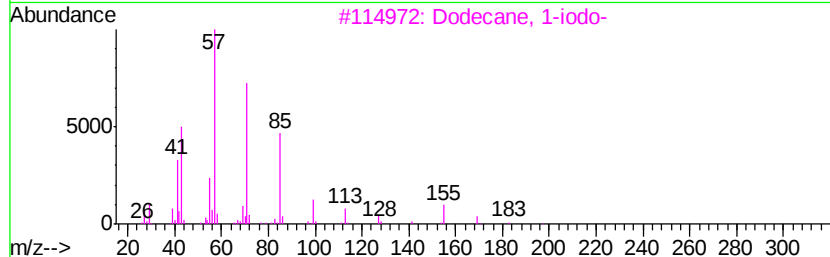
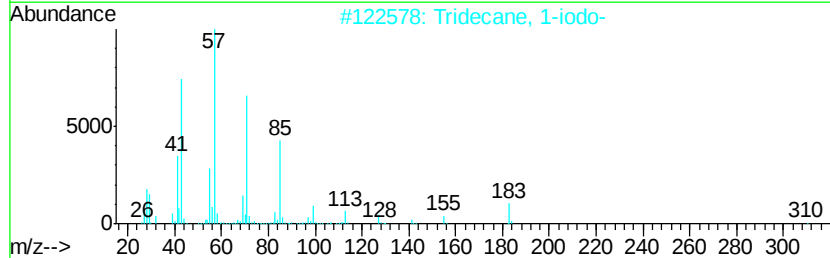
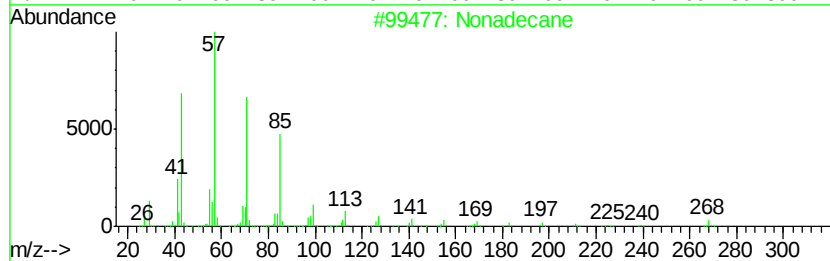
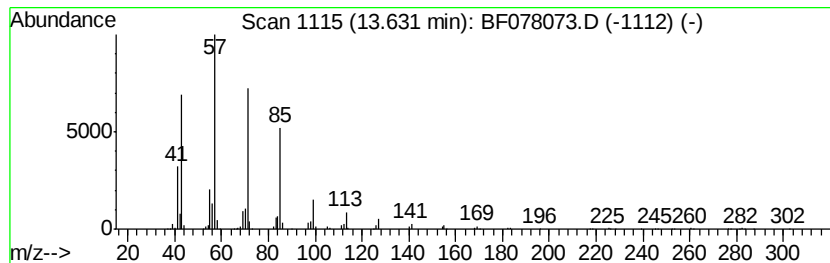
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	34.61 ng	5491310	Phenanthrene-d10	12.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	86
5	Eicosane		282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DEL-3S-2(7.0-7.5)

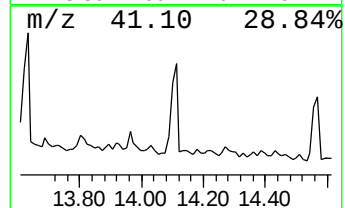
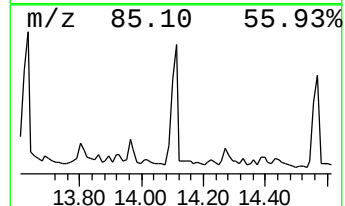
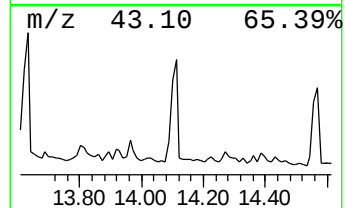
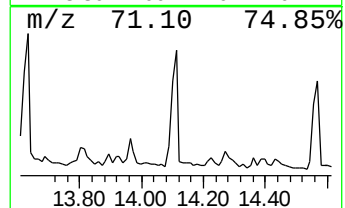
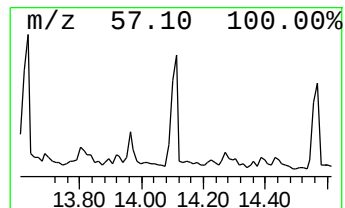
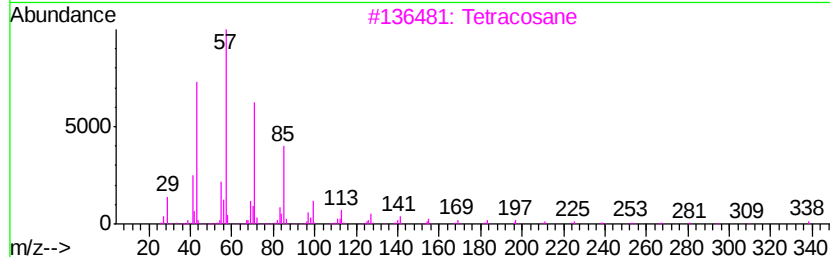
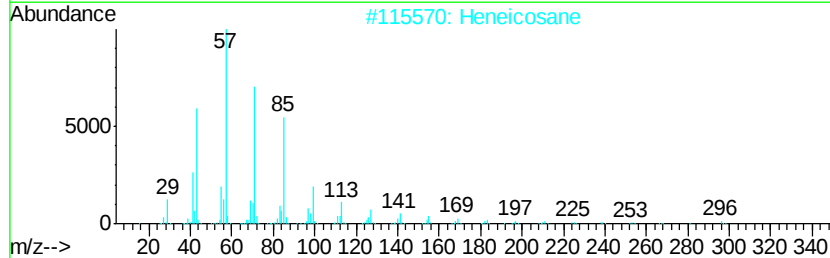
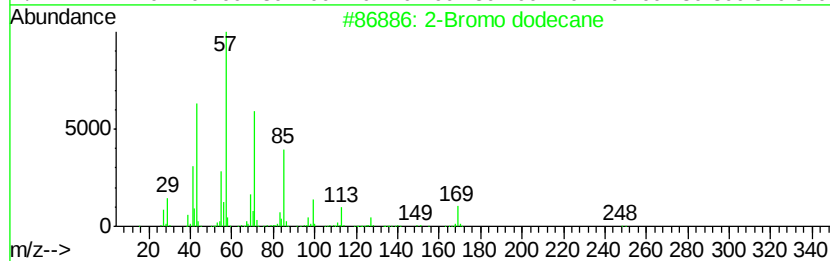
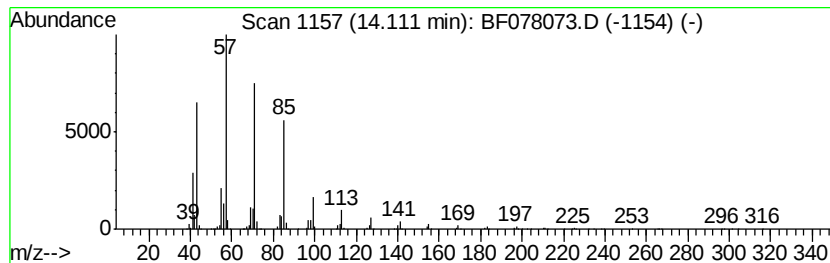
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	33.93 ng	5383400	Phenanthrene-d10	12.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

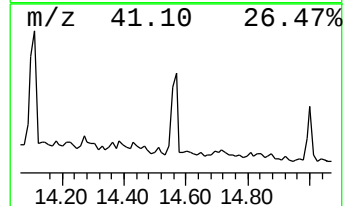
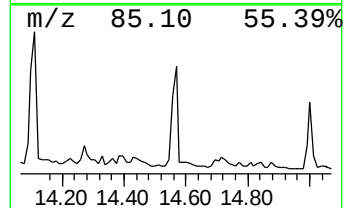
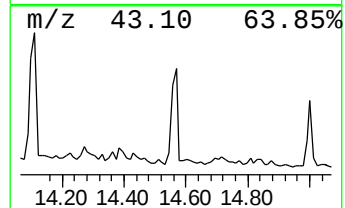
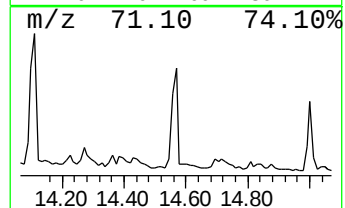
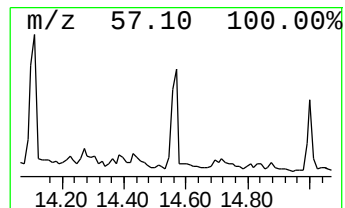
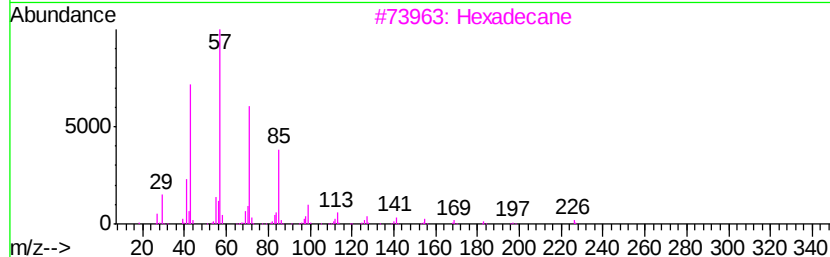
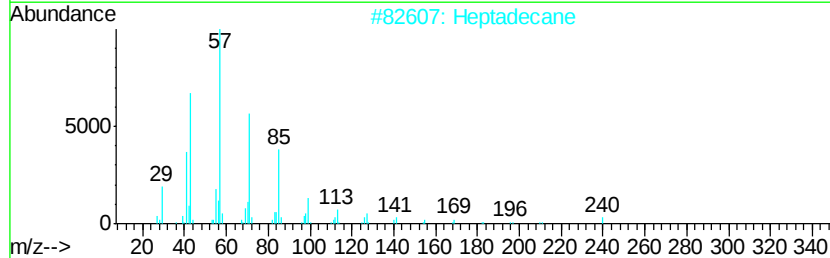
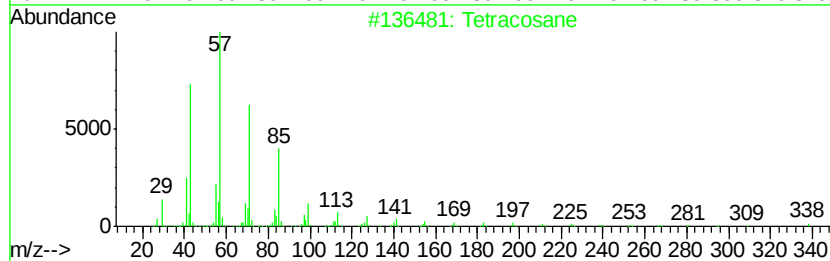
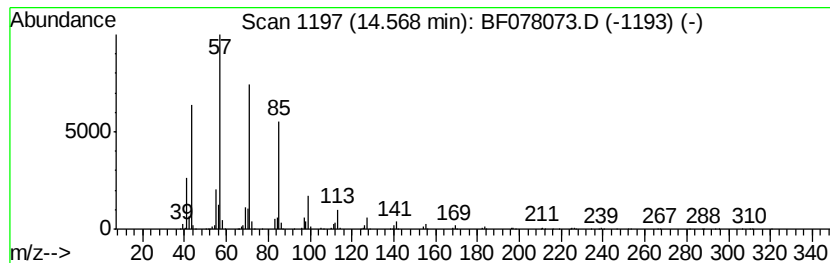
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	57.32 ng	4264080	Chrysene-d12	15.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

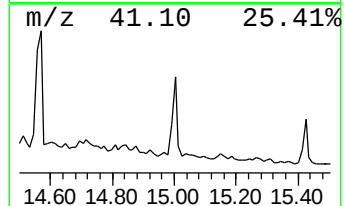
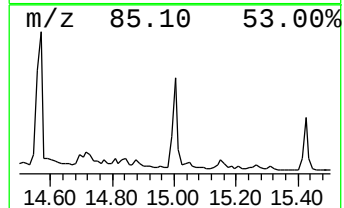
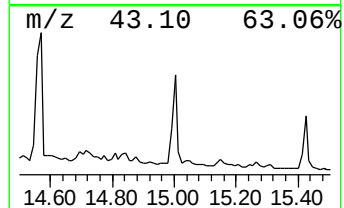
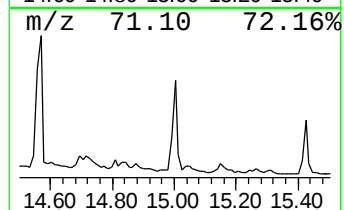
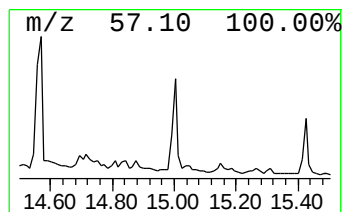
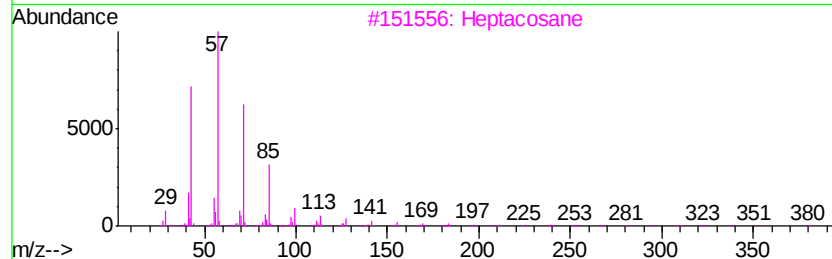
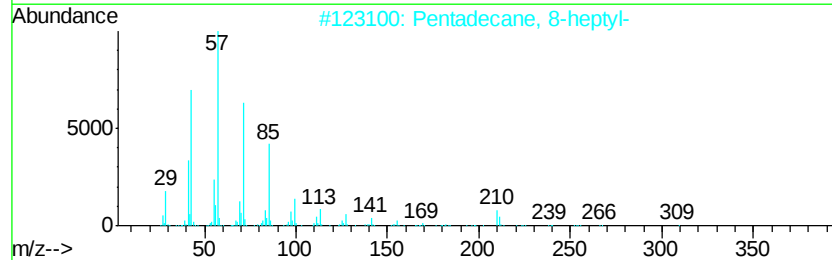
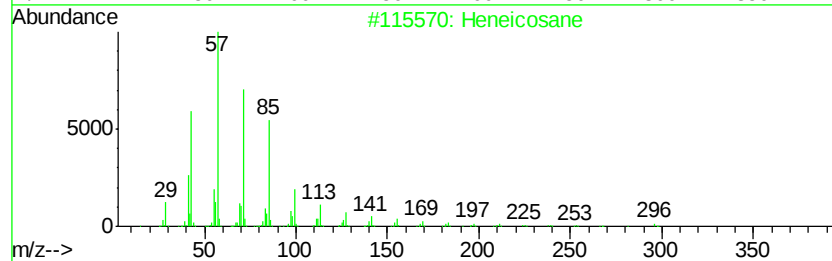
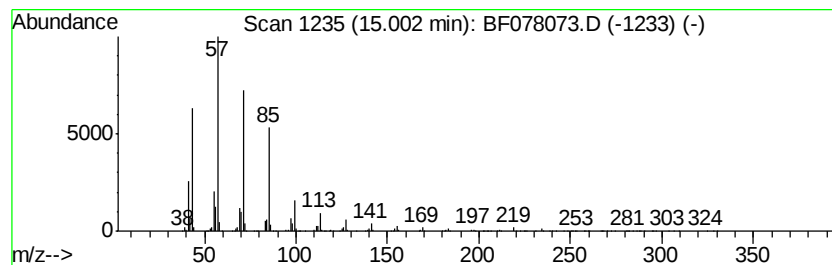
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	31.33 ng	2330790	Chrysene-d12	15.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heptacosane	380	C27H56	000593-49-7	87
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

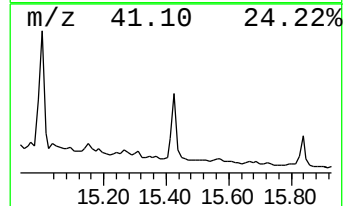
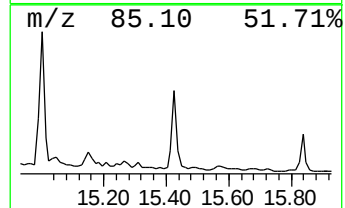
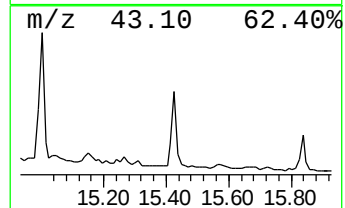
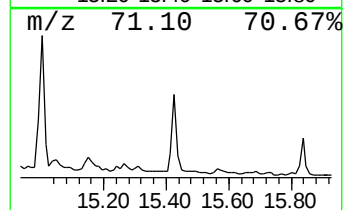
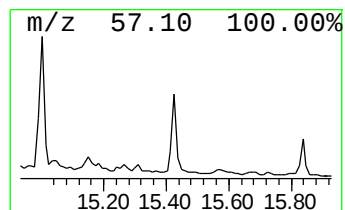
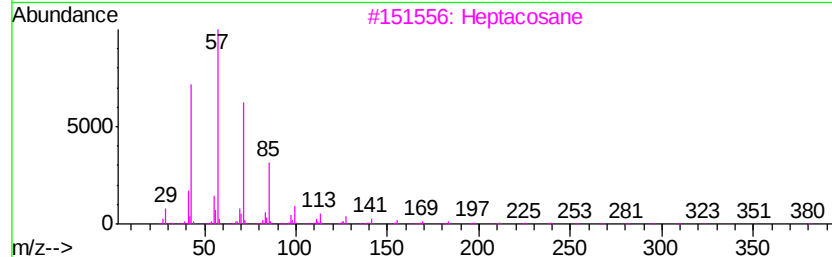
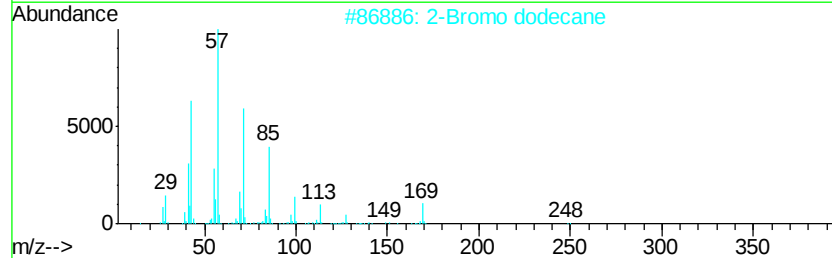
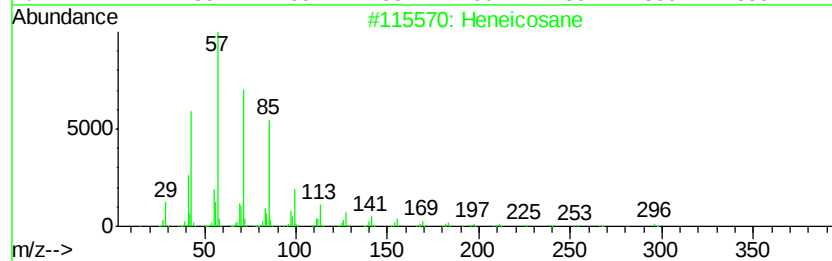
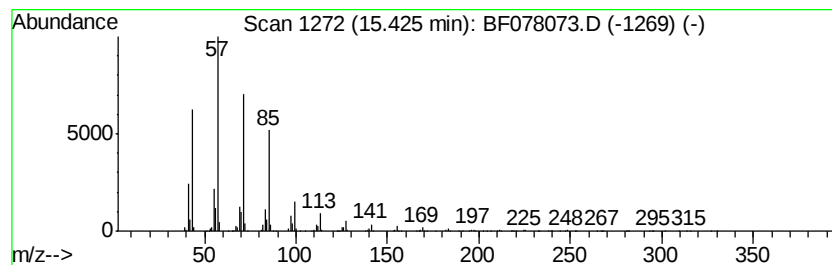
Instrument :
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ClientSampleId :
DEL-3S-2(7.0-7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	20.00 ng	1487720	Chrysene-d12	15.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heneicosane	296 C21H44	000629-94-7 91
2		2-Bromo dodecane	248 C12H25Br	013187-99-0 90
3		Heptacosane	380 C27H56	000593-49-7 83
4		Hexatriacontane	507 C36H74	000630-06-8 80
5		Pentadecane	212 C15H32	000629-62-9 72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078073.D
 Acq On : 28 Mar 2015 10:45
 Operator : TP/IZ
 Sample : G1677-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-3S-2(7.0-7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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
Nonane	5.73	29.0	ng	4266370	1	7.08	2943120	20.0
Nonane, 3-methyl-	6.16	24.1	ng	3552470	1	7.08	2943120	20.0
Benzene, 1-ethyl-...	6.49	24.5	ng	3605240	1	7.08	2943120	20.0
Benzene, 1,2,3-tr...	6.59	20.3	ng	2979790	1	7.08	2943120	20.0
Decane	6.91	47.7	ng	7024600	1	7.08	2943120	20.0
Cyclohexane, butyl-	7.26	42.3	ng	6226510	1	7.08	2943120	20.0
Benzene, 1-methyl...	7.44	25.9	ng	3803750	1	7.08	2943120	20.0
Benzene, 2-ethyl-...	7.49	28.4	ng	4178520	1	7.08	2943120	20.0
Undecane, 2,9-dim...	7.58	32.8	ng	4827780	1	7.08	2943120	20.0
Undecane	7.87	61.0	ng	8973110	1	7.08	2943120	20.0
Hexadecane	12.04	81.3	ng	12902200	4	12.68	3173120	20.0
Dodecane	12.27	21.4	ng	3402270	4	12.68	3173120	20.0
Heptadecane, 8-me...	12.60	51.1	ng	8114990	4	12.68	3173120	20.0
Hexadecane, 2,6,1...	12.63	20.0	ng	3173120	4	12.68	3173120	20.0
Pentadecane	13.13	47.1	ng	7475550	4	12.68	3173120	20.0
Nonadecane	13.63	34.6	ng	5491310	4	12.68	3173120	20.0
2-Bromo dodecane	14.11	33.9	ng	5383400	4	12.68	3173120	20.0
Tetracosane	14.57	57.3	ng	4264080	5	15.94	1487720	20.0
Heneicosane	15.00	31.3	ng	2330790	5	15.94	1487720	20.0
Heptacosane	15.43	20.0	ng	1487720	5	15.94	1487720	20.0