

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092969.D
 Acq On : 15 Feb 2017 23:37
 Operator : SJ/MA
 Sample : I1859-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.047	256	259	271	rVB	1152280	1562278	40.43%	1.895%
2	5.470	294	296	299	rBV	3409139	3431733	88.81%	4.162%
3	6.110	349	352	355	rBV2	40118	58986	1.53%	0.072%
4	6.396	375	377	381	rVV3	33313	50625	1.31%	0.061%
5	6.510	384	387	389	rVV	3438471	3589804	92.90%	4.353%
6	6.636	396	398	401	rVV	3019310	3458084	89.49%	4.194%
7	6.876	416	419	422	rVB2	737111	1079476	27.94%	1.309%
8	6.933	422	424	425	rBV	50282	53665	1.39%	0.065%
9	6.990	425	429	430	rBV4	40201	63343	1.64%	0.077%
10	7.024	430	432	435	rVV	2410843	2757480	71.36%	3.344%
11	7.150	440	443	444	rVB	88296	101534	2.63%	0.123%
12	7.264	451	453	455	rBV	109707	121565	3.15%	0.147%
13	7.436	466	468	471	rVB	1626321	2384140	61.70%	2.891%
14	7.516	473	475	477	rBV2	94860	157316	4.07%	0.191%
15	7.584	477	481	483	rBV2	82658	176454	4.57%	0.214%
16	7.653	483	487	491	rVB4	122474	342802	8.87%	0.416%
17	7.779	494	498	499	rBV3	142868	262288	6.79%	0.318%
18	7.836	502	503	505	rVB2	110258	136211	3.52%	0.165%
19	7.905	505	509	514	rBV6	79379	236441	6.12%	0.287%
20	7.985	514	516	518	rBV2	95177	112920	2.92%	0.137%
21	8.030	518	520	522	rBV2	116797	170223	4.41%	0.206%
22	8.156	529	531	534	rBV	1162824	1306739	33.82%	1.585%
23	8.225	534	537	538	rVB	757620	752124	19.46%	0.912%
24	8.247	538	539	543	rVB2	221662	332294	8.60%	0.403%
25	8.316	543	545	546	rBV2	117791	155859	4.03%	0.189%
26	8.362	548	549	550	rVB	130319	89399	2.31%	0.108%
27	8.453	553	557	558	rBV3	385261	609281	15.77%	0.739%
28	8.510	560	562	563	rVB2	73385	75822	1.96%	0.092%
29	8.545	563	565	566	rVB	247557	223289	5.78%	0.271%
30	8.579	566	568	571	rBV	775496	1119422	28.97%	1.358%
31	8.670	573	576	577	rBV2	139426	232589	6.02%	0.282%
32	8.705	577	579	582	rBV3	116827	273417	7.08%	0.332%
33	8.750	582	583	585	rBV2	145443	243071	6.29%	0.295%
34	8.842	590	591	595	rVV3	382948	817509	21.16%	0.991%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.910	595	597	598	rVV2	136498	187290	4.85%	0.227%
36	8.933	598	599	600	rVV	174377	235194	6.09%	0.285%
37	8.967	600	602	604	rVV	778187	962227	24.90%	1.167%
38	9.070	607	611	613	rVV4	375852	942314	24.39%	1.143%
39	9.105	613	614	615	rVV	194050	206573	5.35%	0.251%
40	9.150	616	618	619	rVV2	230551	351979	9.11%	0.427%
41	9.185	619	621	623	rVV	1281032	1588494	41.11%	1.926%
42	9.230	623	625	628	rVV	2741145	3864189	100.00%	4.686%
43	9.322	628	633	635	rVV2	562274	1400594	36.25%	1.699%
44	9.379	635	638	641	rVV4	418117	1277045	33.05%	1.549%
45	9.425	641	642	645	rVV3	396364	794524	20.56%	0.964%
46	9.493	646	648	650	rVV	1016599	1692984	43.81%	2.053%
47	9.573	652	655	656	rVV	1466554	2054975	53.18%	2.492%
48	9.630	658	660	662	rVV2	2067684	3068459	79.41%	3.721%
49	9.688	663	665	667	rVV	753857	1136103	29.40%	1.378%
50	9.768	671	672	674	rVV2	650148	927036	23.99%	1.124%
51	9.825	674	677	678	rVV2	621998	1061061	27.46%	1.287%
52	9.859	678	680	681	rVV2	239672	418488	10.83%	0.508%
53	9.905	681	684	686	rVV2	1235050	2338964	60.53%	2.837%
54	9.950	686	688	689	rVV	518416	703035	18.19%	0.853%
55	10.019	692	694	696	rVV	714522	1064366	27.54%	1.291%
56	10.053	696	697	699	rVV2	326847	528456	13.68%	0.641%
57	10.110	699	702	704	rVV2	1077863	1571256	40.66%	1.906%
58	10.156	704	706	710	rVB2	857169	1479362	38.28%	1.794%
59	10.225	710	712	713	rBV	767113	798638	20.67%	0.969%
60	10.259	713	715	718	rVV2	518585	977715	25.30%	1.186%
61	10.316	718	720	723	rVV2	731839	1348091	34.89%	1.635%
62	10.373	723	725	726	rVV2	253080	426543	11.04%	0.517%
63	10.453	729	732	735	rVV4	388341	935252	24.20%	1.134%
64	10.556	739	741	744	rVV2	1173371	1761862	45.59%	2.137%
65	10.613	744	746	748	rVB3	293914	565465	14.63%	0.686%
66	10.693	748	753	755	rBV3	1556146	2619464	67.79%	3.177%
67	10.728	755	756	759	rVB3	299794	456827	11.82%	0.554%
68	10.785	759	761	762	rBV2	133417	230693	5.97%	0.280%
69	10.819	762	764	767	rBV	1779882	2539707	65.72%	3.080%
70	10.899	768	771	773	rBV2	228858	429357	11.11%	0.521%
71	11.002	778	780	781	rBV2	227775	274286	7.10%	0.333%

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72	11.036	781	783	785	rVB2	337858	385640	9.98%	0.468%
73	11.151	790	793	796	rVB4	266828	472923	12.24%	0.574%
74	11.288	803	805	808	rVB	1265296	1349470	34.92%	1.637%
75	11.391	812	814	818	rBV2	1410904	1539014	39.83%	1.866%
76	11.505	822	824	825	rBV	172004	230894	5.98%	0.280%
77	11.631	833	835	840	rVB3	278523	507854	13.14%	0.616%
78	11.722	841	843	846	rVB3	167494	285393	7.39%	0.346%
79	11.916	856	860	862	rVB2	227737	469506	12.15%	0.569%
80	11.996	865	867	871	rVB2	233421	414863	10.74%	0.503%
81	12.122	876	878	879	rVB2	65597	55121	1.43%	0.067%
82	12.328	894	896	898	rVV2	56261	90932	2.35%	0.110%
83	12.362	898	899	904	rVV2	166993	244381	6.32%	0.296%
84	12.442	904	906	907	rVV	141130	166623	4.31%	0.202%
85	12.465	907	908	912	rVB	59321	98253	2.54%	0.119%
86	12.522	912	913	915	rVB	62786	54351	1.41%	0.066%
87	12.602	918	920	923	rVB	95366	111416	2.88%	0.135%
88	12.831	937	940	943	rVB2	53055	123743	3.20%	0.150%
89	12.888	943	945	947	rVB	57585	66878	1.73%	0.081%
90	12.968	950	952	955	rVB	2240437	3118369	80.70%	3.782%
91	13.859	1028	1030	1036	rVB	199361	282383	7.31%	0.342%
92	14.019	1040	1044	1047	rBV	1032813	1087392	28.14%	1.319%
93	14.488	1082	1085	1088	rBV3	41035	72056	1.86%	0.087%
94	14.854	1115	1117	1120	rBV	45228	66453	1.72%	0.081%
95	15.117	1137	1140	1141	rBV	48365	75692	1.96%	0.092%
96	15.460	1167	1170	1176	rVB	645862	951914	24.63%	1.154%
97	15.894	1205	1208	1211	rBV	70031	105793	2.74%	0.128%
98	16.374	1247	1250	1258	rVB2	47647	113931	2.95%	0.138%
99	16.934	1296	1299	1304	rBV	41189	90566	2.34%	0.110%
100	17.597	1354	1357	1365	rVB2	24386	69581	1.80%	0.084%

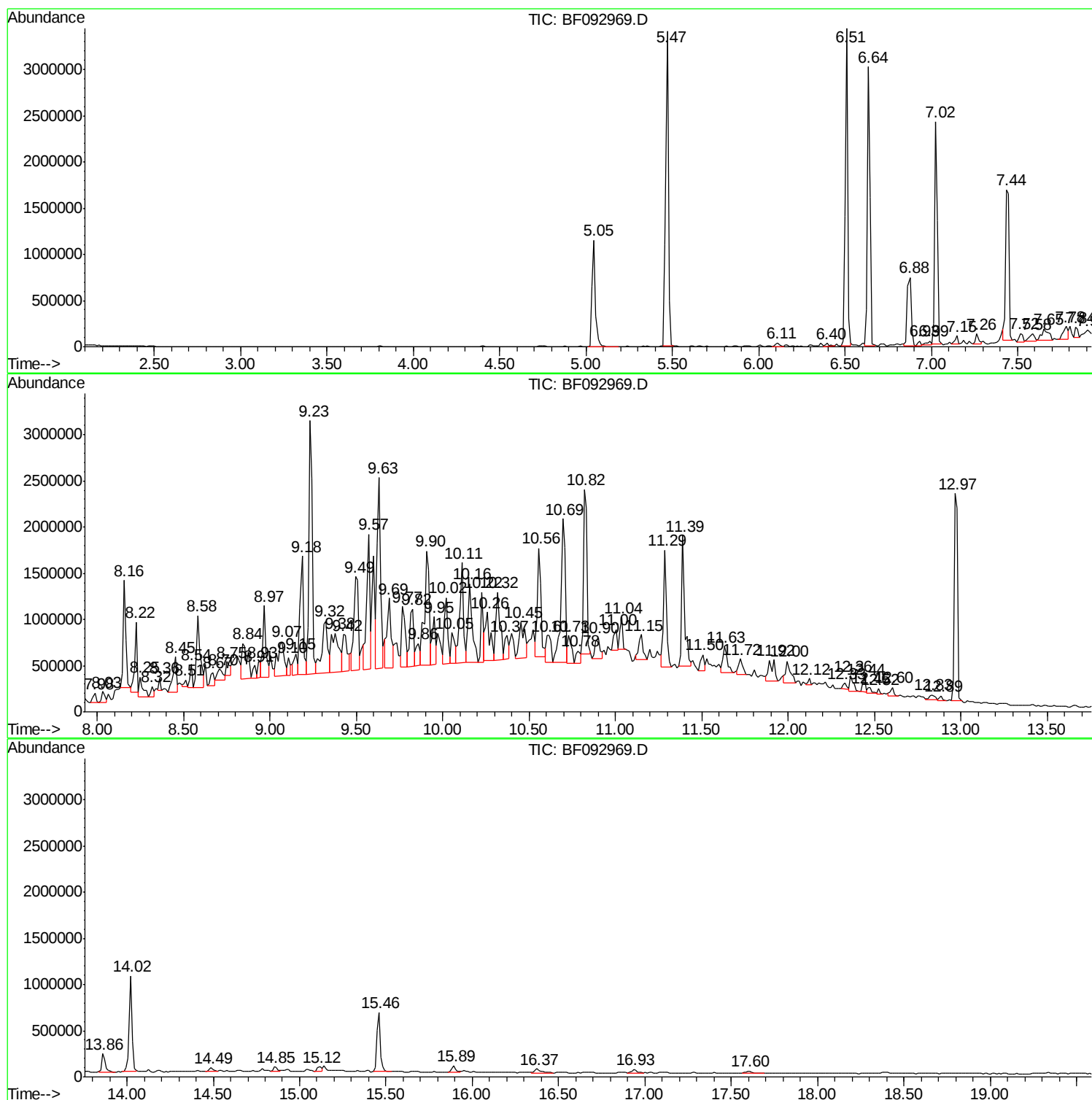
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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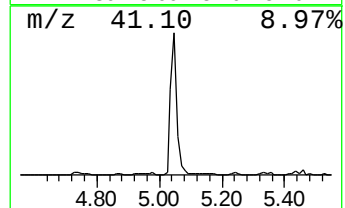
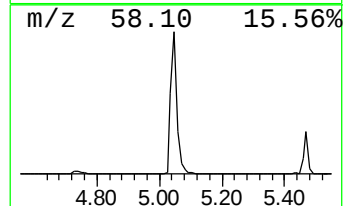
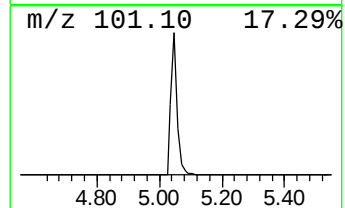
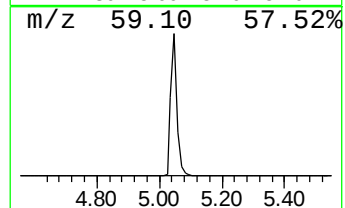
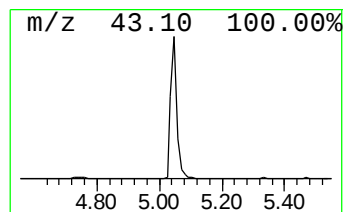
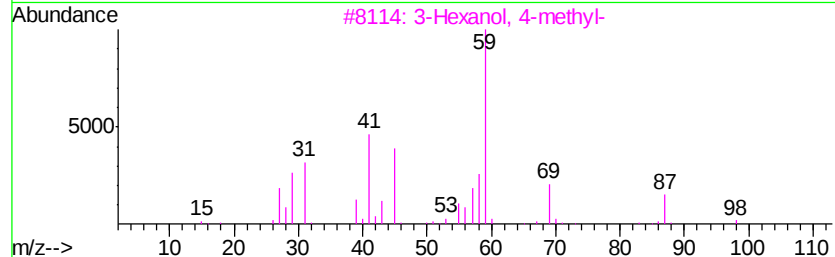
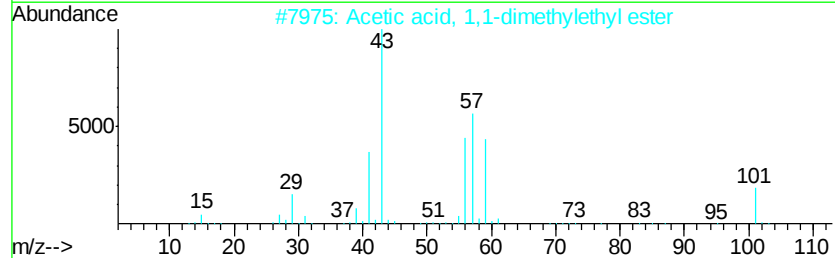
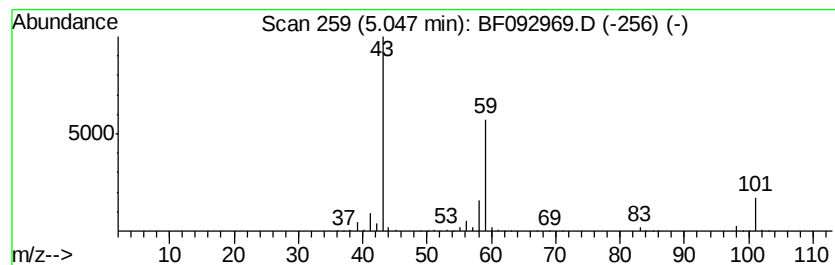
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	28.95 ng	1562280	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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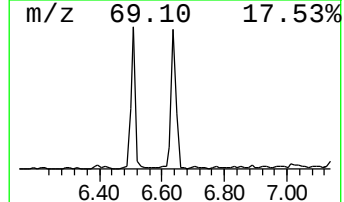
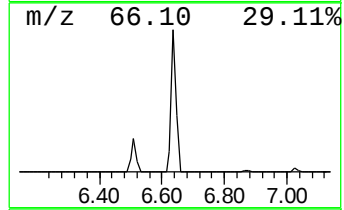
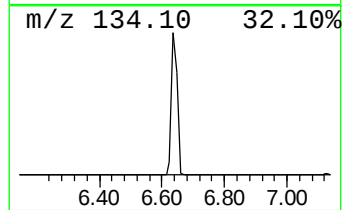
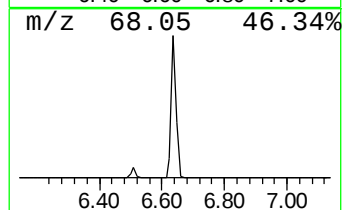
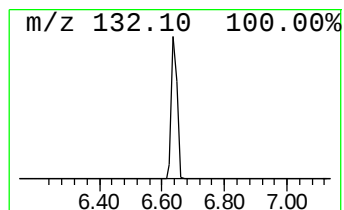
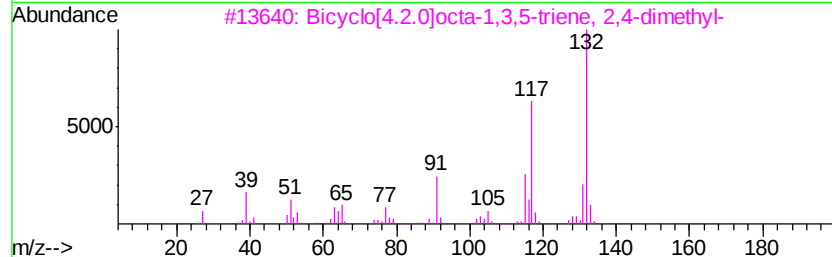
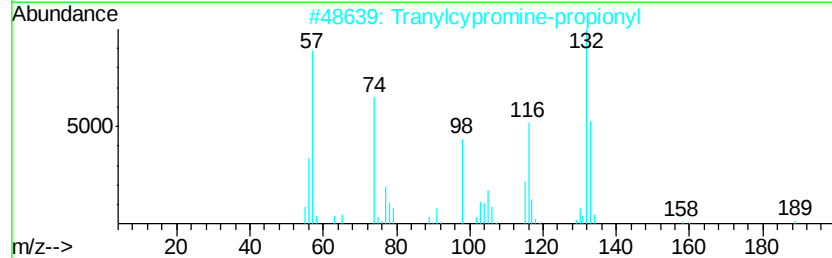
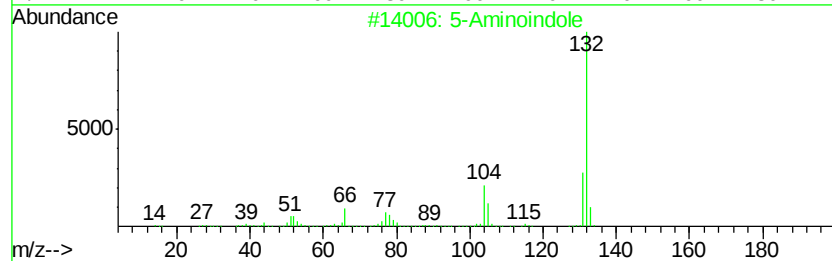
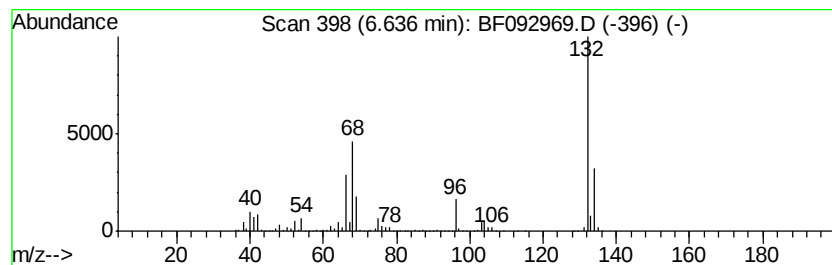
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	64.07 ng	3458080	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Xenon	132	Xe	007440-63-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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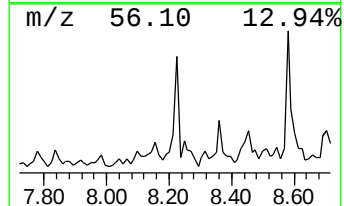
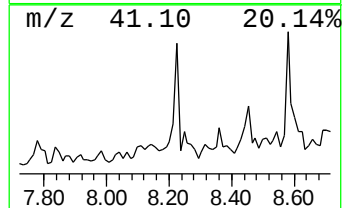
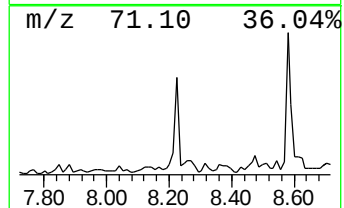
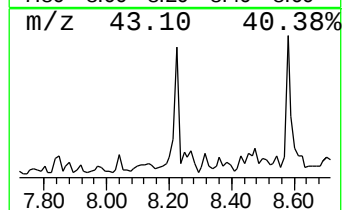
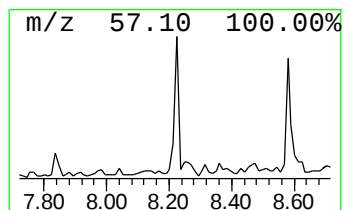
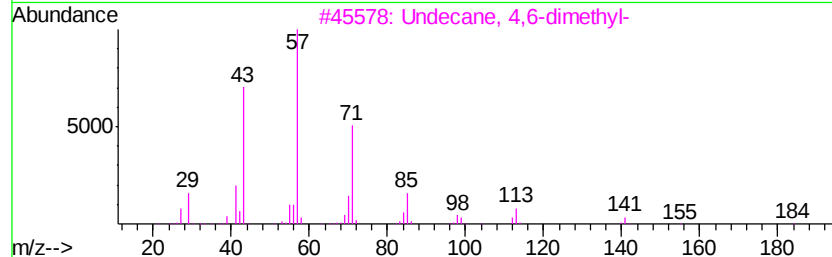
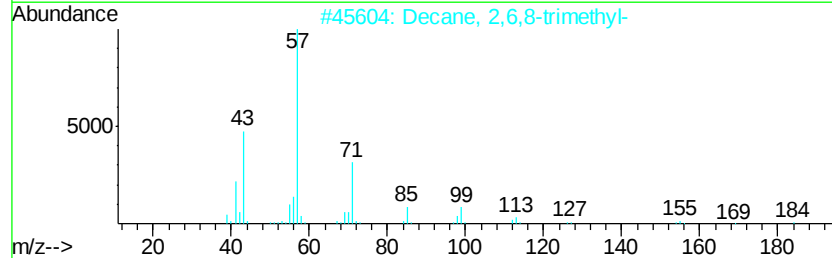
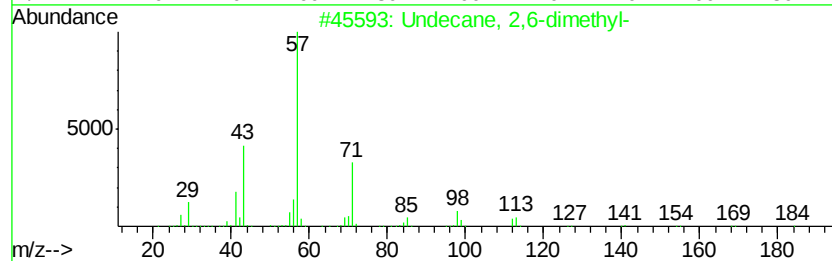
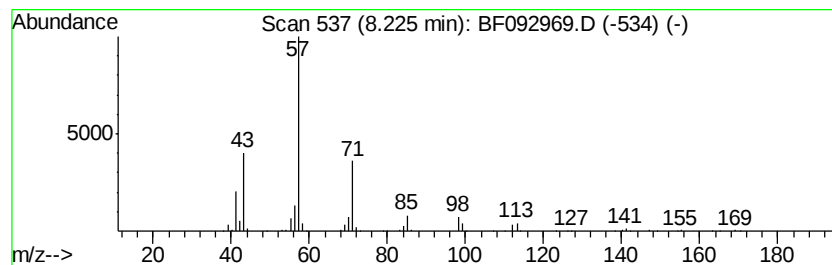
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	11.51 ng	752124	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	72



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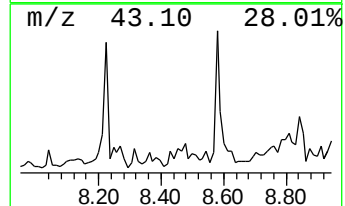
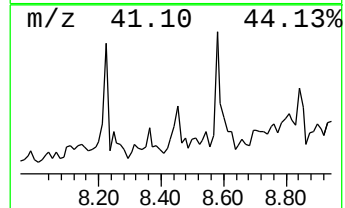
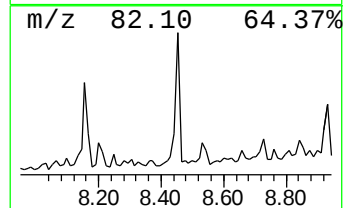
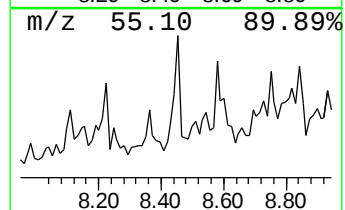
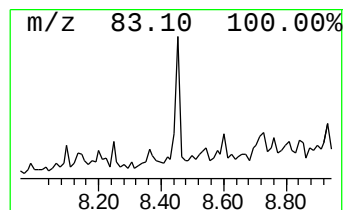
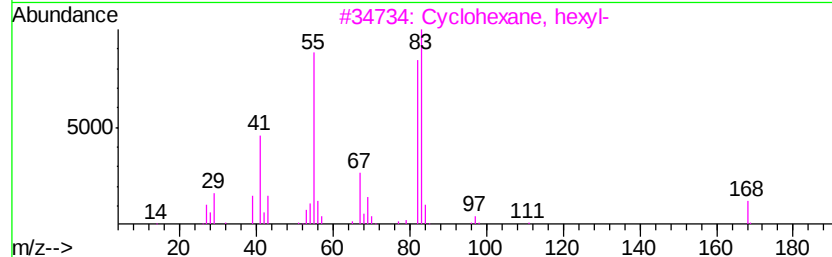
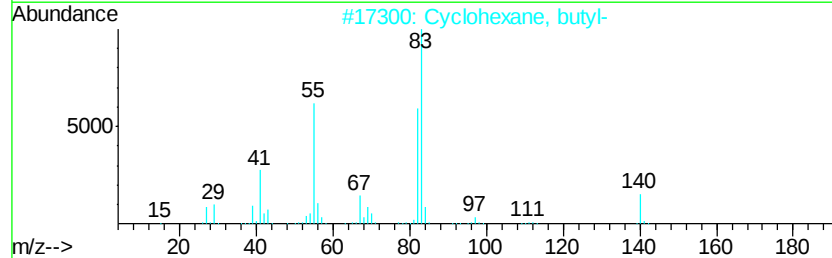
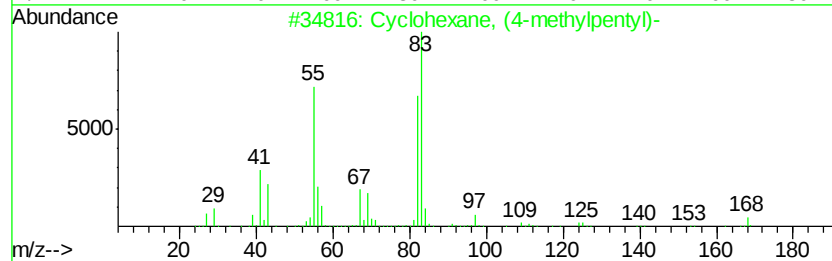
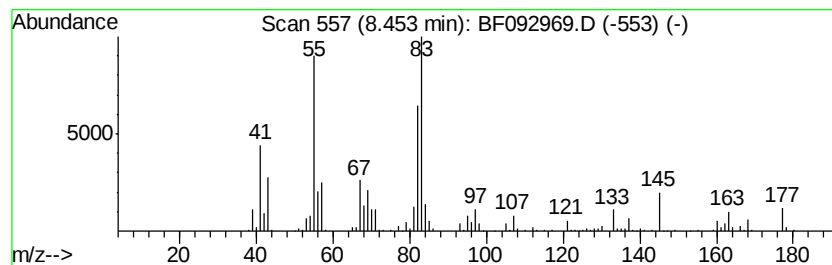
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, (4-methylpentyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	9.33 ng	609281	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	76
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092969.D
Acq On : 15 Feb 2017 23:37
Operator : SJ/MA
Sample : I1859-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
280385-COMP-0-2FT

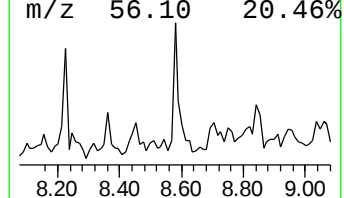
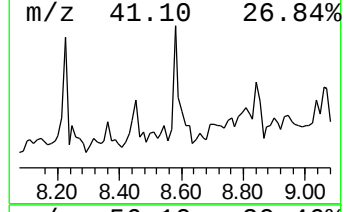
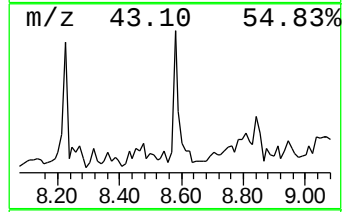
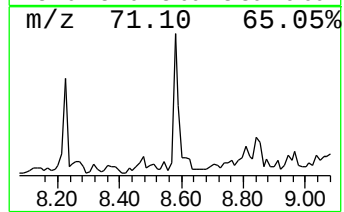
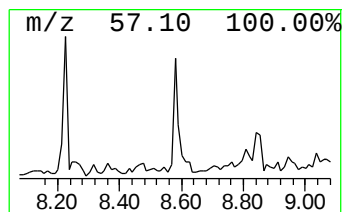
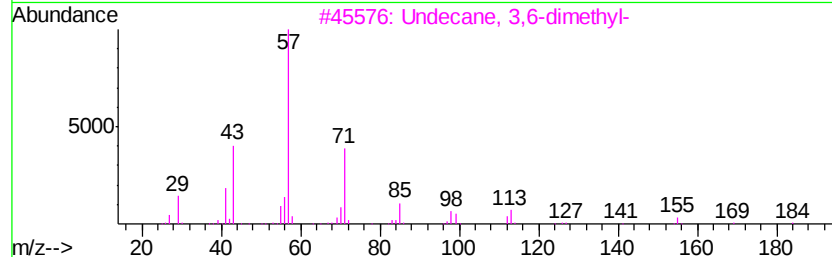
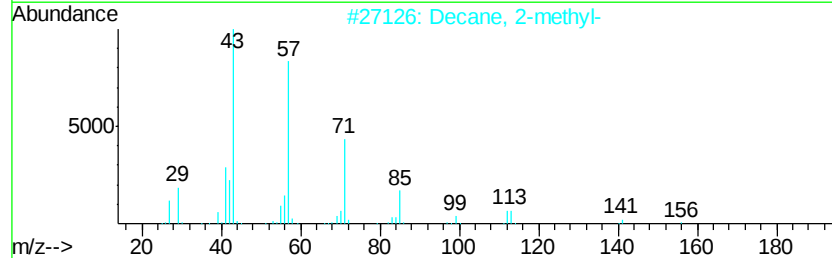
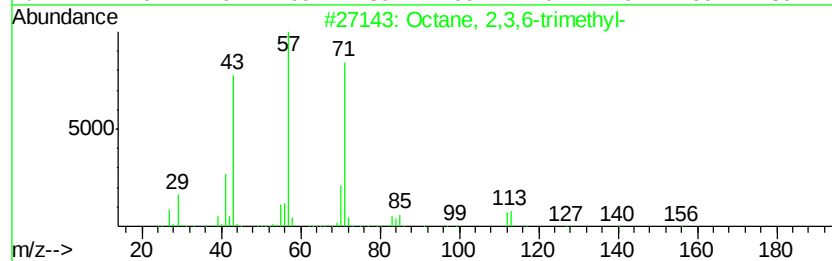
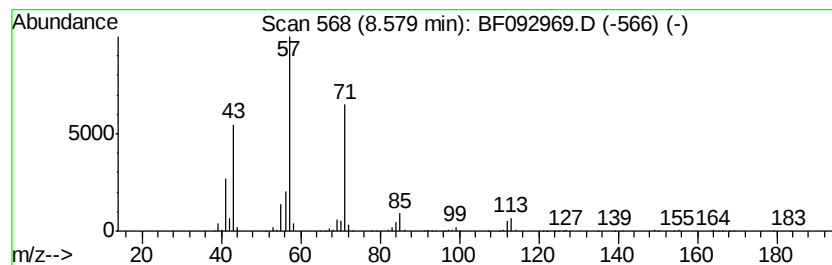
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octane, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	17.13 ng	1119420	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
2		Decane, 2-methyl-	156	C11H24	006975-98-0	72
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092969.D
Acq On : 15 Feb 2017 23:37
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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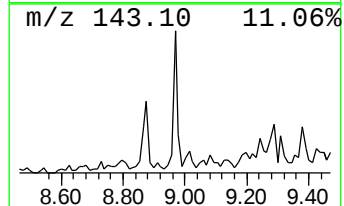
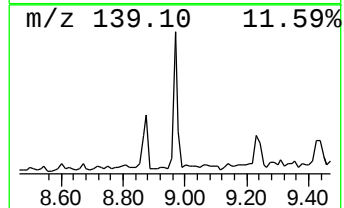
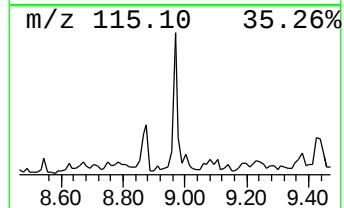
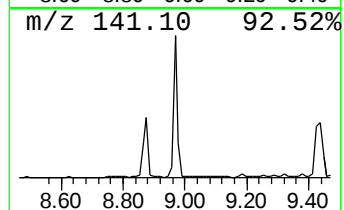
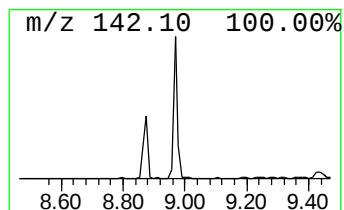
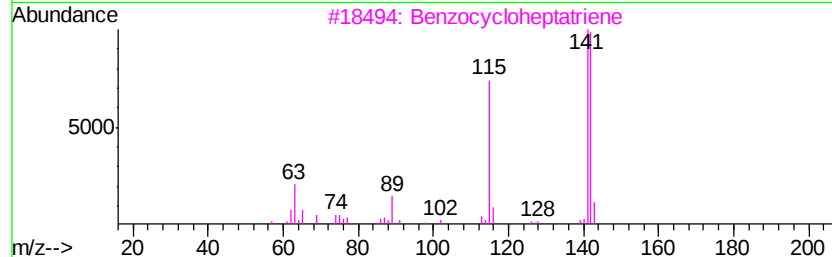
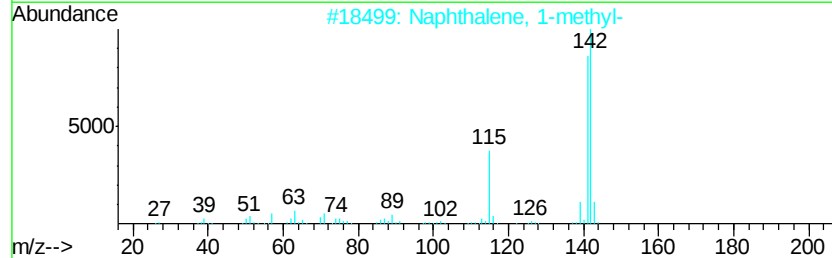
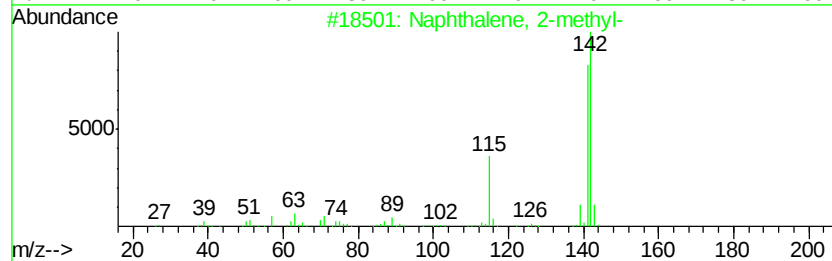
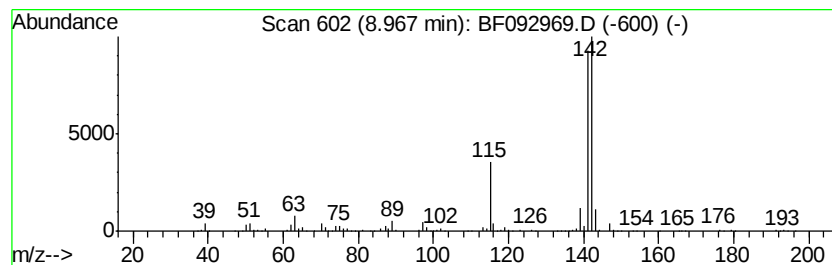
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	14.73 ng	962227	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	93
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
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Acq On : 15 Feb 2017 23:37
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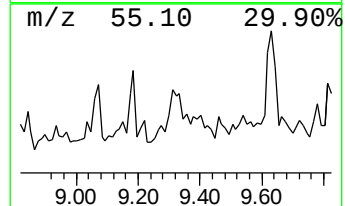
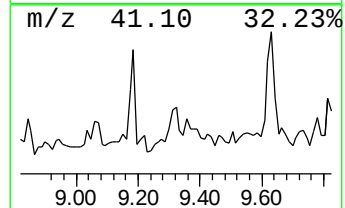
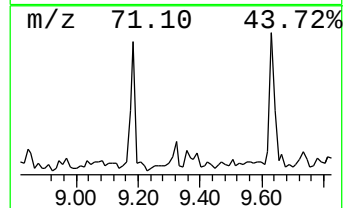
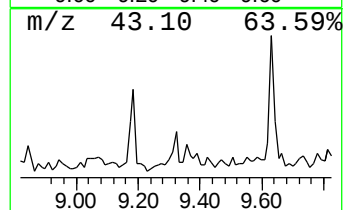
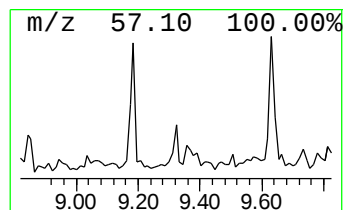
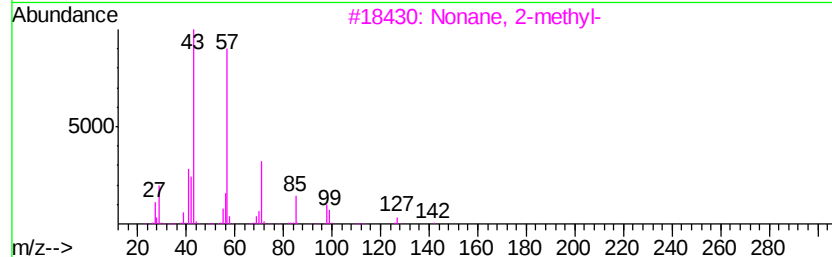
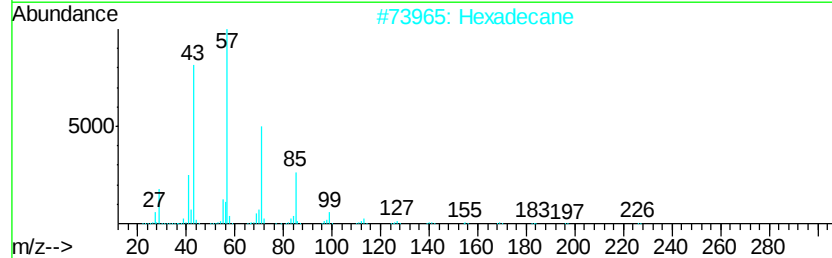
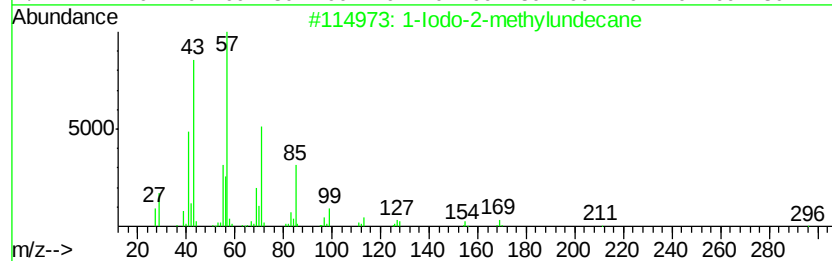
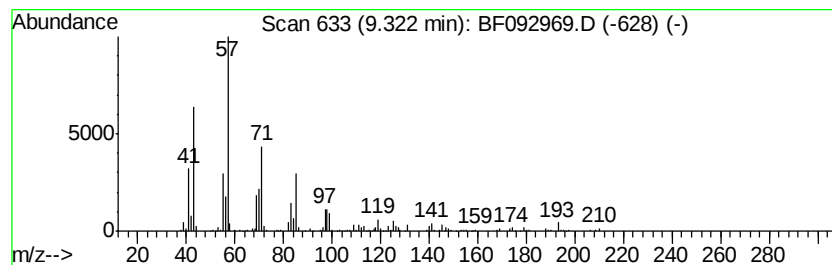
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Iodo-2-methylundecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	11.98 ng	1400590	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 58
2		Hexadecane	226 C16H34	000544-76-3 53
3		Nonane, 2-methyl-	142 C10H22	000871-83-0 52
4		Hydroxylamine, O-decyl-	173 C10H23NO	029812-79-1 52
5		Heptane, 2,4-dimethyl-	128 C9H20	002213-23-2 52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092969.D
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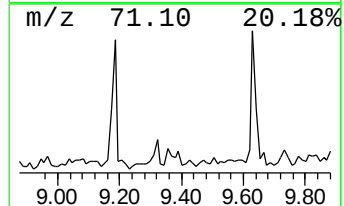
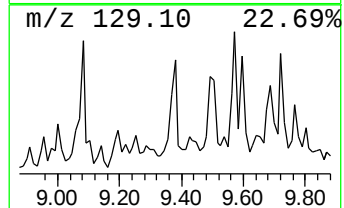
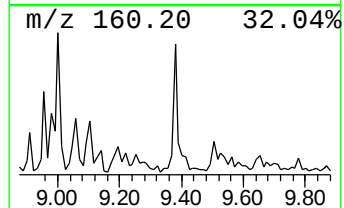
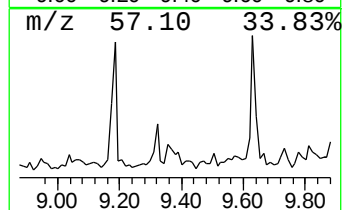
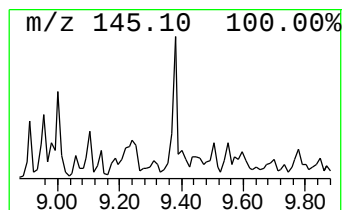
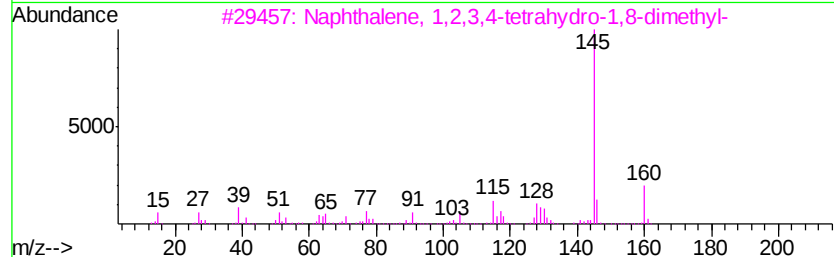
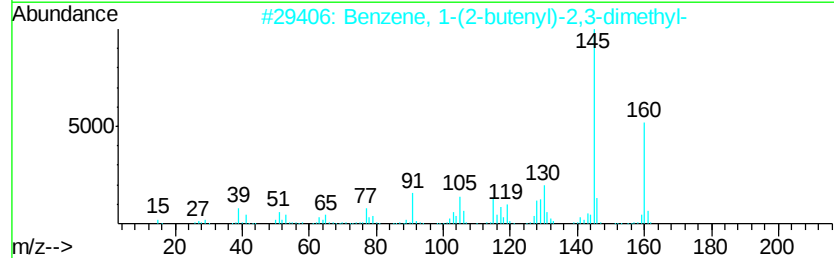
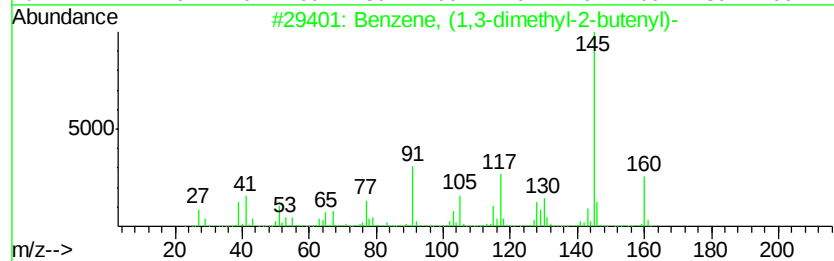
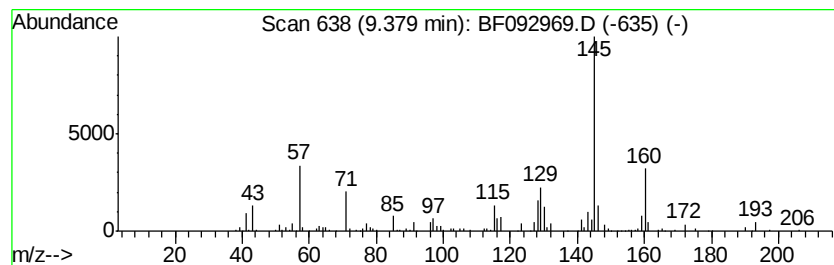
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, (1,3-dimethyl-2-bu... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	10.92 ng	1277050	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	76
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	70
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
5		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
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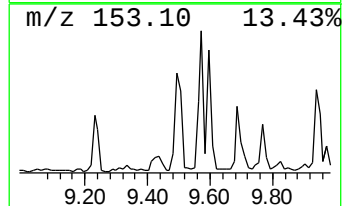
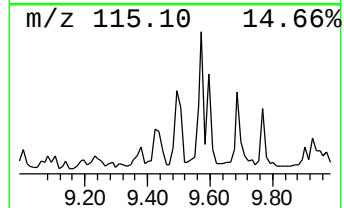
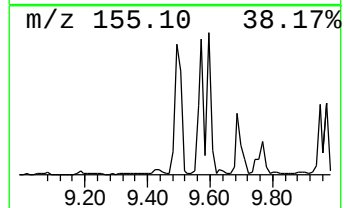
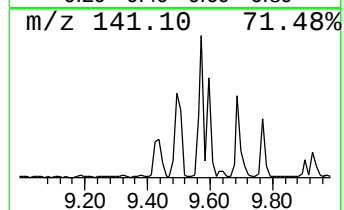
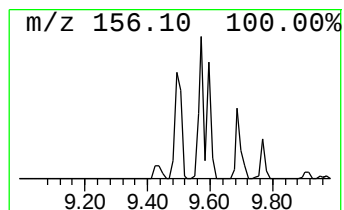
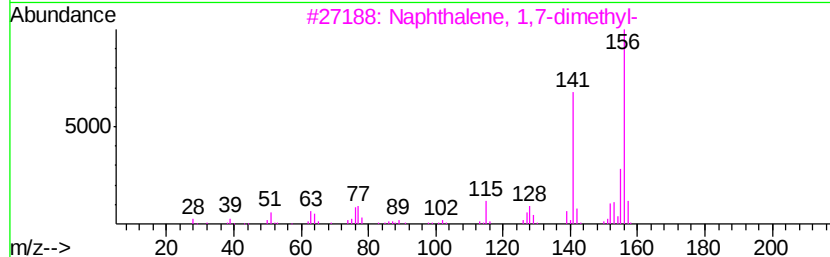
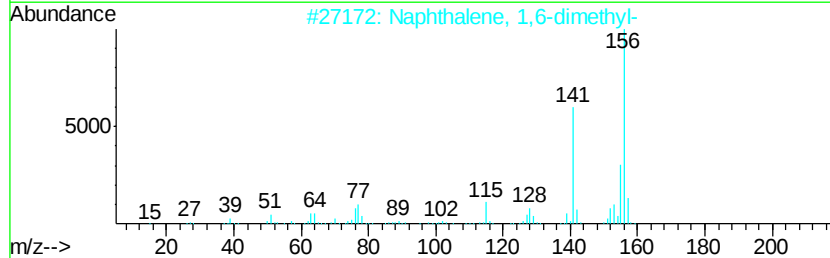
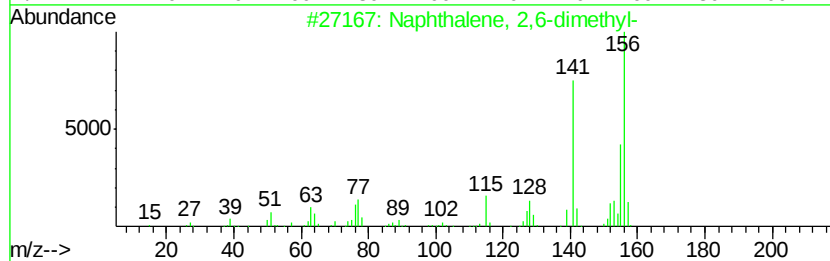
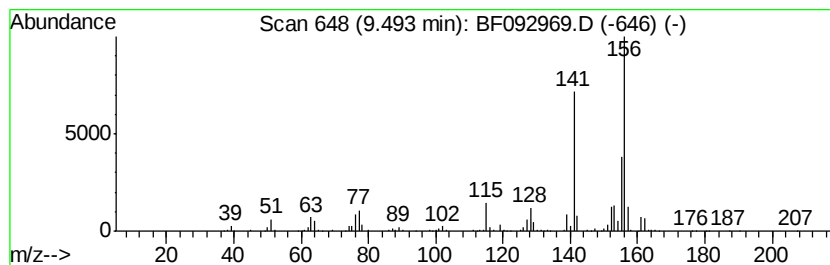
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	14.48 ng	1692980	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
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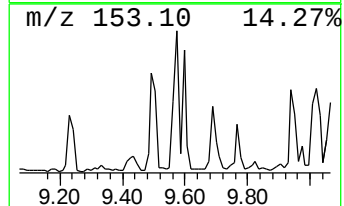
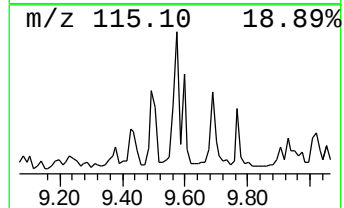
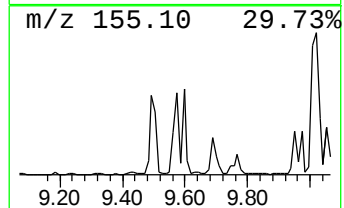
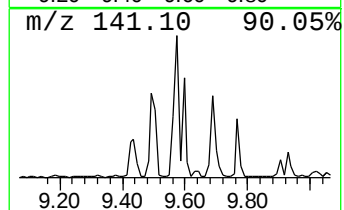
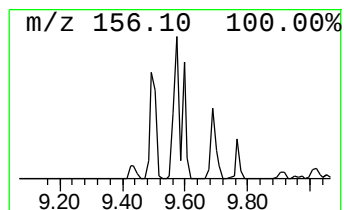
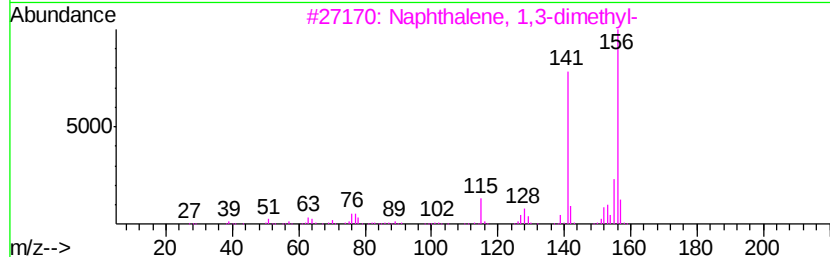
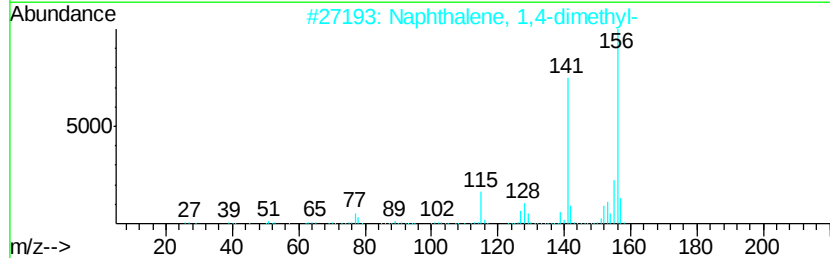
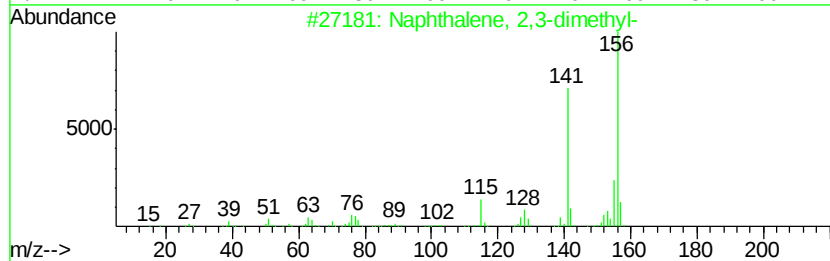
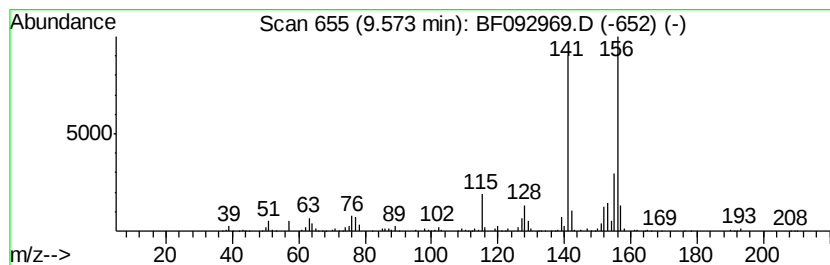
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	17.57 ng	2054980	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092969.D
Acq On : 15 Feb 2017 23:37
Operator : SJ/MA
Sample : I1859-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
280385-COMP-0-2FT

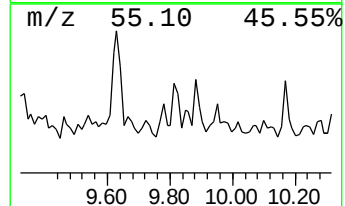
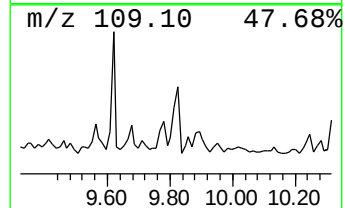
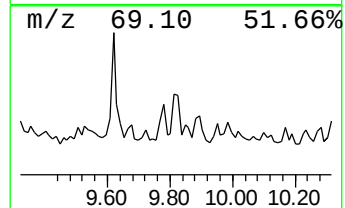
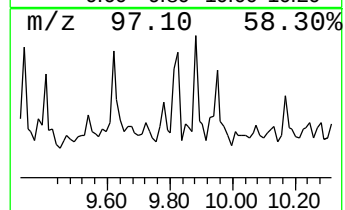
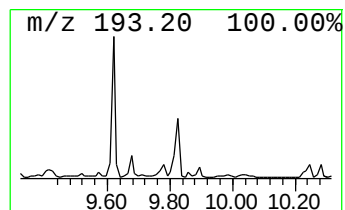
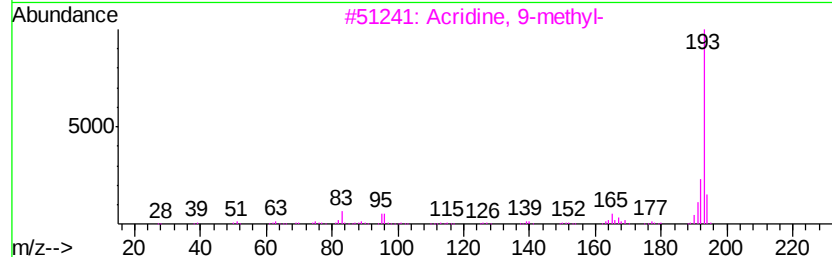
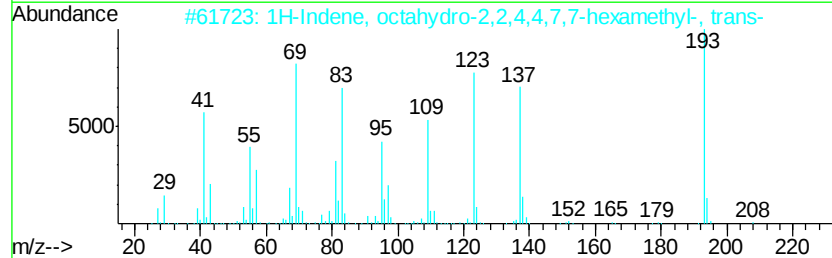
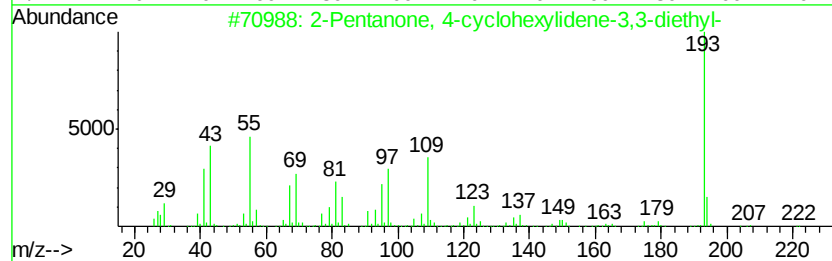
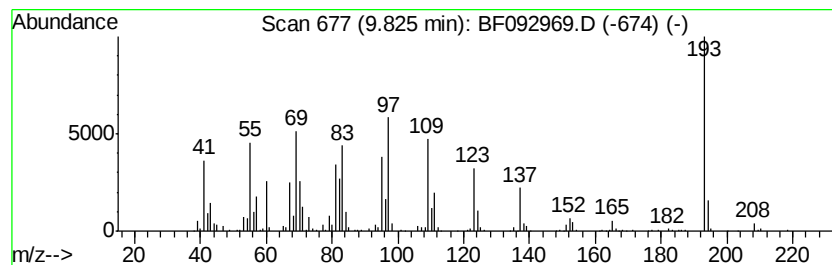
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.82 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	9.07 ng	1061060	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
2			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
3			Acridine, 9-methyl-	193	C14H11N	000611-64-3	27
4			1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	25
5			4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21B02	074630-04-9	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092969.D
Acq On : 15 Feb 2017 23:37
Operator : SJ/MA
Sample : I1859-11
Misc :
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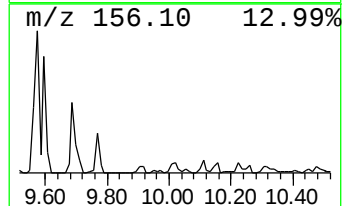
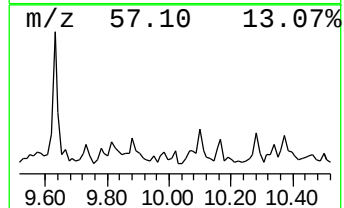
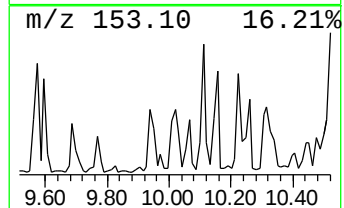
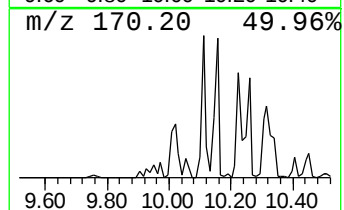
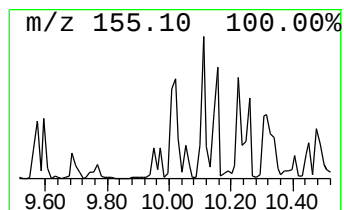
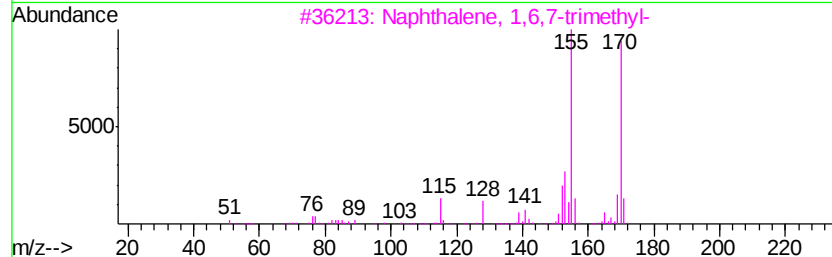
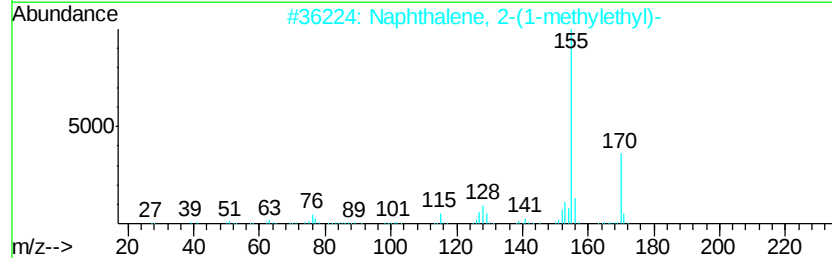
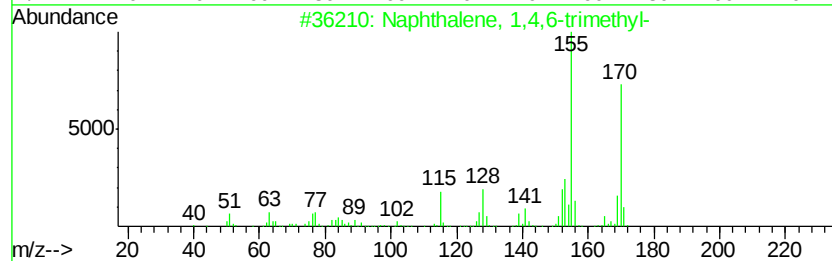
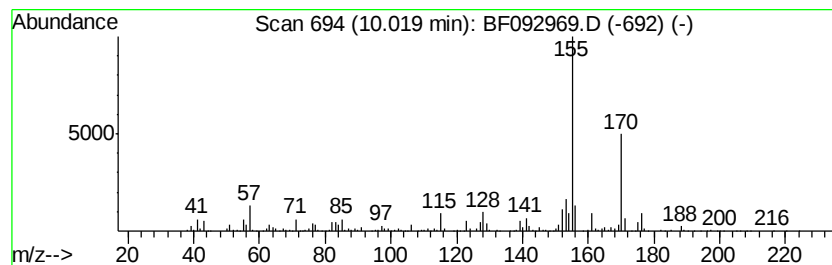
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	9.10 ng	1064370	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 91
2		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 87
3		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 83
4		Ethanone, 1-(5-chloro-2-hydroxyp...	170 C8H7ClO2	001450-74-4 64
5		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092969.D
Acq On : 15 Feb 2017 23:37
Operator : SJ/MA
Sample : I1859-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
280385-COMP-0-2FT

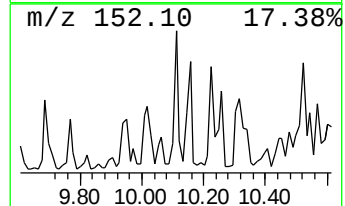
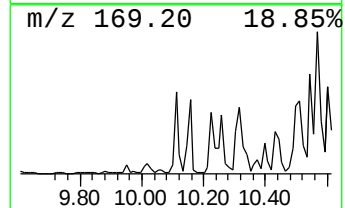
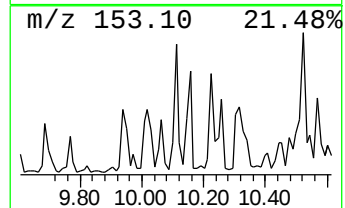
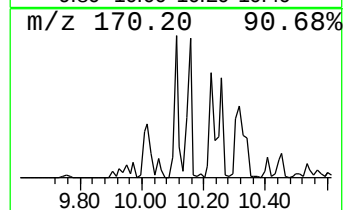
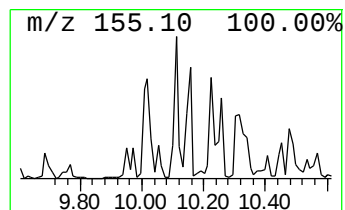
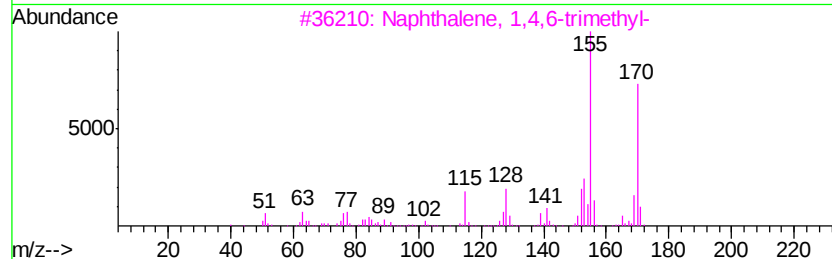
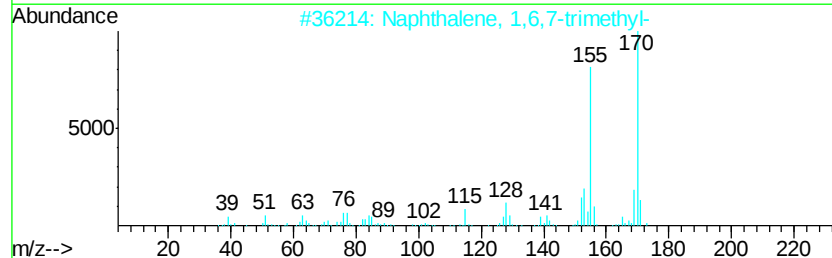
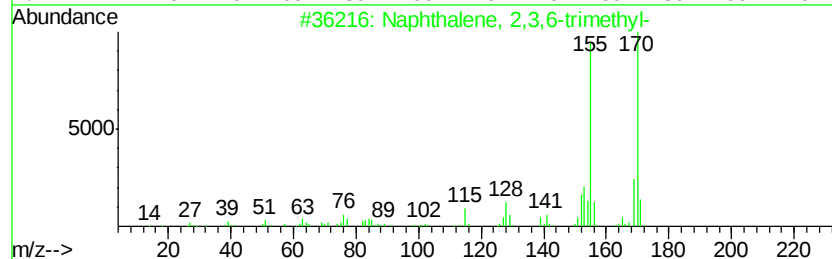
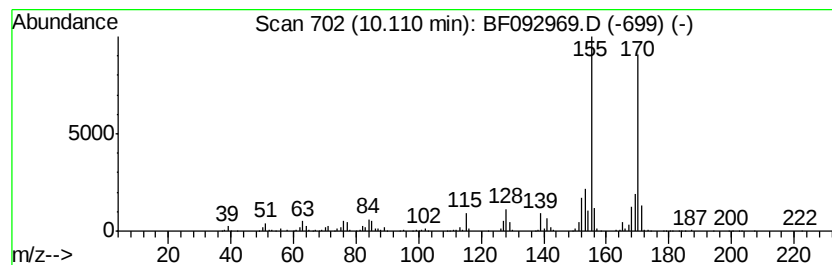
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	13.44 ng	1571260	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092969.D
Acq On : 15 Feb 2017 23:37
Operator : SJ/MA
Sample : I1859-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
280385-COMP-0-2FT

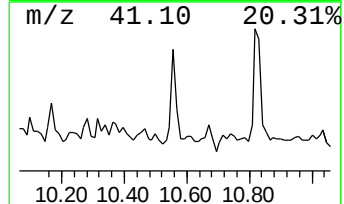
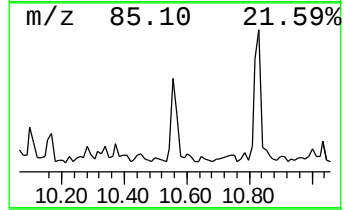
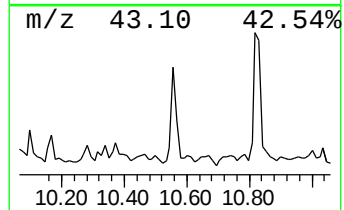
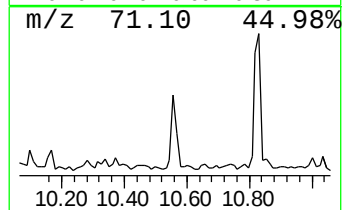
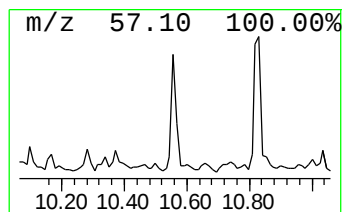
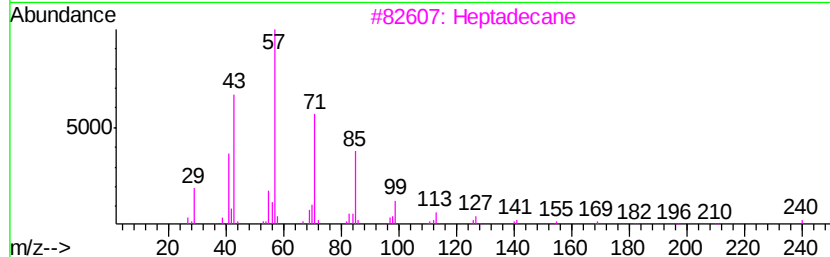
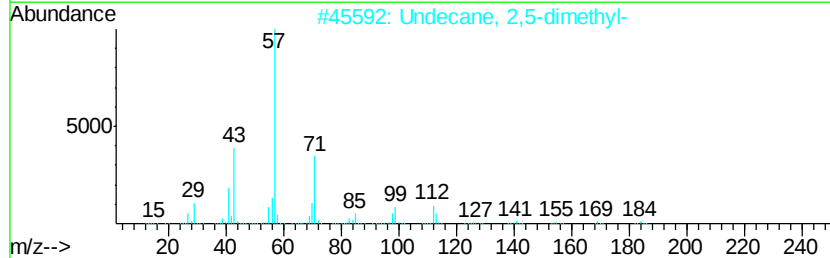
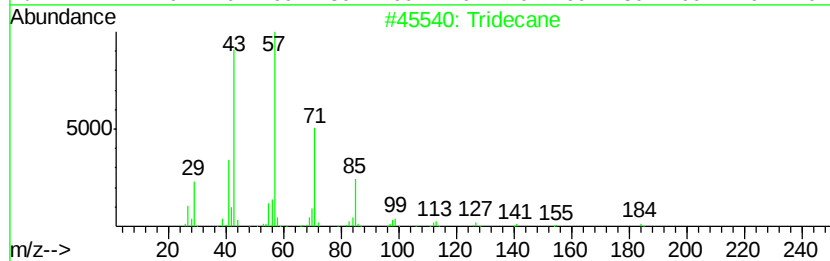
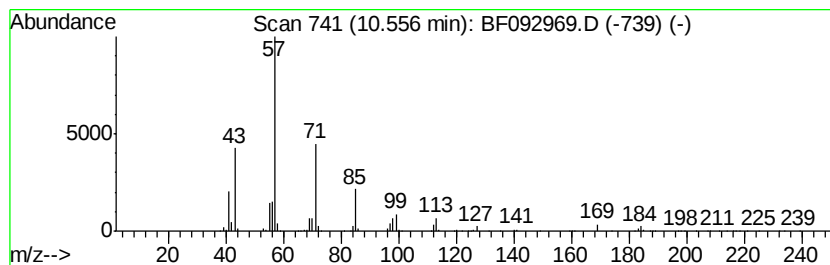
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	15.07 ng	1761860	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	86
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
3		Heptadecane	240	C17H36	000629-78-7	78
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092969.D
Acq On : 15 Feb 2017 23:37
Operator : SJ/MA
Sample : I1859-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

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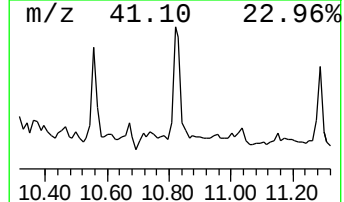
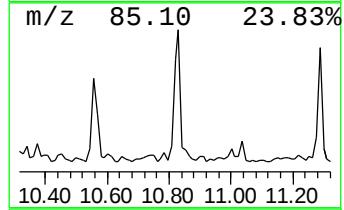
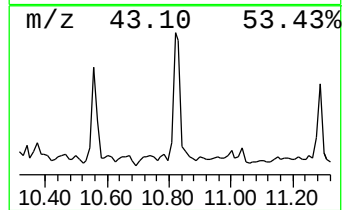
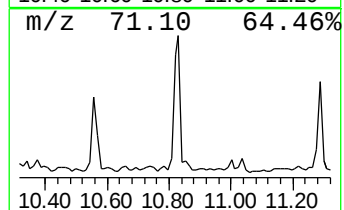
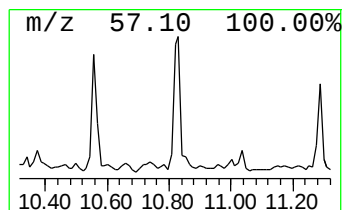
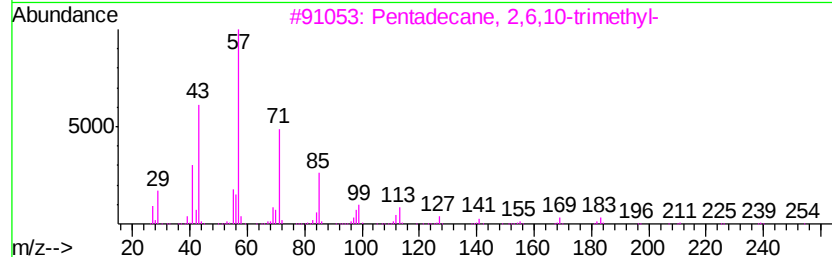
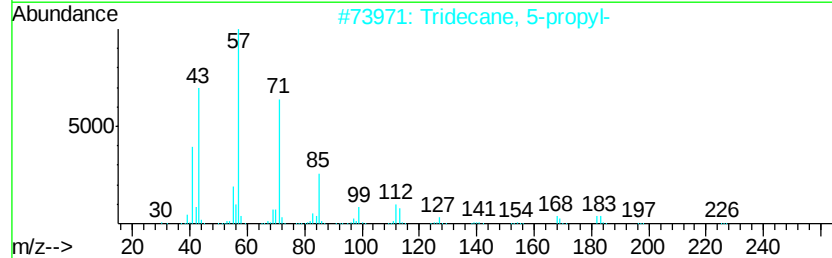
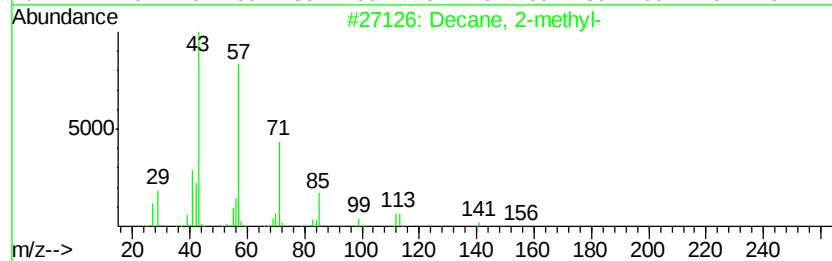
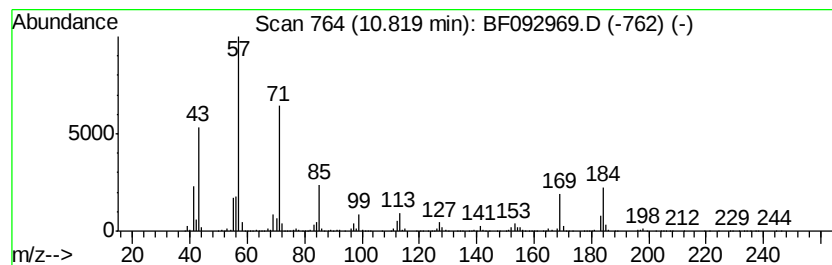
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	33.00 ng	2539710	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	53
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	52
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
4		Eicosane	282	C20H42	000112-95-8	49
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
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Operator : SJ/MA
Sample : I1859-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

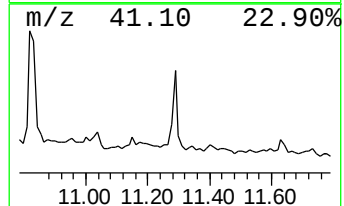
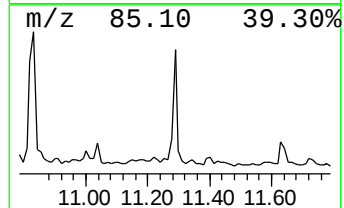
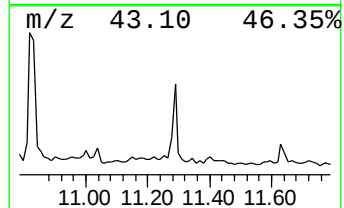
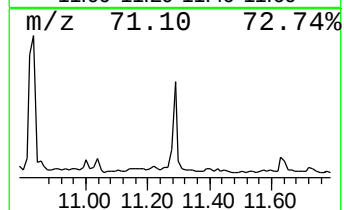
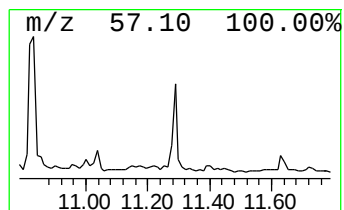
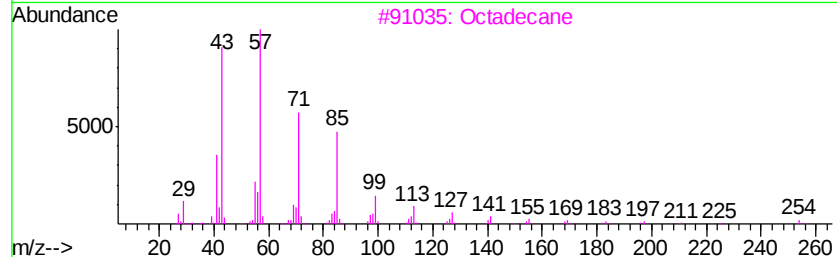
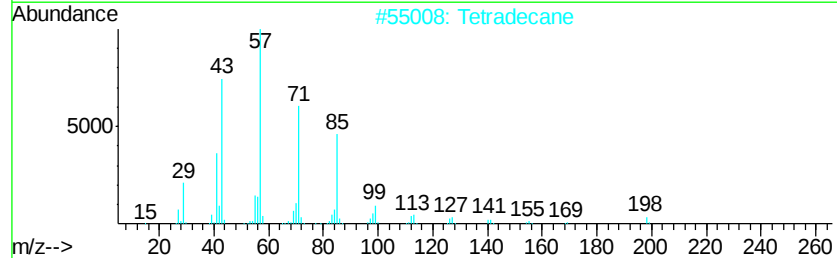
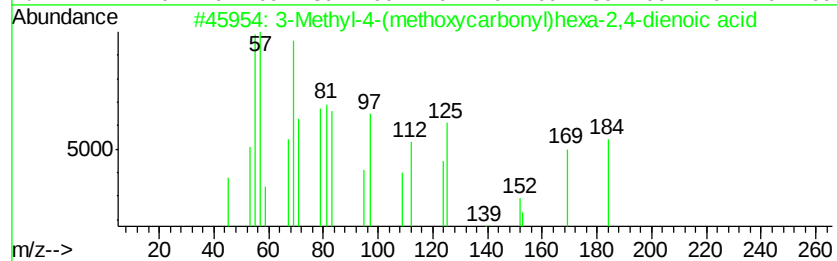
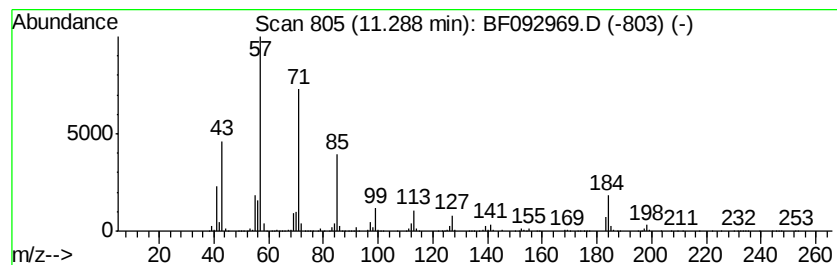
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-Methyl-4-(methoxycarbonyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.29	17.54 ng	1349470	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	Octadecane	254	C18H38	000593-45-3	78
4	Eicosane	282	C20H42	000112-95-8	78
5	Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092969.D
 Acq On : 15 Feb 2017 23:37
 Operator : SJ/MA
 Sample : I1859-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	28.9	ng	1562280	1	6.88	1079480	20.0
unknown6.64	6.64	64.1	ng	3458080	1	6.88	1079480	20.0
Undecane, 2,6-dim...	8.22	11.5	ng	752124	2	8.16	1306740	20.0
Cyclohexane, (4-m...	8.45	9.3	ng	609281	2	8.16	1306740	20.0
Octane, 2,3,6-tri...	8.58	17.1	ng	1119420	2	8.16	1306740	20.0
Naphthalene, 1-me...	8.97	14.7	ng	962227	2	8.16	1306740	20.0
1-Iodo-2-methylun...	9.32	12.0	ng	1400590	3	9.92	2338960	20.0
Benzene, (1,3-dim...	9.38	10.9	ng	1277050	3	9.92	2338960	20.0
Naphthalene, 2,6-...	9.49	14.5	ng	1692980	3	9.92	2338960	20.0
Naphthalene, 2,3-...	9.57	17.6	ng	2054980	3	9.92	2338960	20.0
unknown9.82	9.82	9.1	ng	1061060	3	9.92	2338960	20.0
Naphthalene, 1,4,...	10.02	9.1	ng	1064370	3	9.92	2338960	20.0
Naphthalene, 2,3,...	10.11	13.4	ng	1571260	3	9.92	2338960	20.0
Tridecane	10.56	15.1	ng	1761860	3	9.92	2338960	20.0
Decane, 2-methyl-	10.82	33.0	ng	2539710	4	11.39	1539010	20.0
3-Methyl-4-(metho...	11.29	17.5	ng	1349470	4	11.39	1539010	20.0