

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080177.D
 Acq On : 25 Jun 2015 20:36
 Operator : TP/IZ
 Sample : G2658-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP2(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-BF061715.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	5.899	244	246	248	rVB	1074450	937290	15.58%	0.539%
2	6.562	300	304	306	rBV2	580641	1241850	20.65%	0.714%
3	6.733	317	319	321	rBV2	277548	468654	7.79%	0.269%
4	6.790	323	324	326	rVB	648154	465256	7.74%	0.267%
5	6.824	326	327	331	rBV3	614164	972314	16.17%	0.559%
6	6.893	331	333	337	rVB2	722588	1129550	18.78%	0.649%
7	7.064	344	348	352	rVB3	909689	2051506	34.11%	1.179%
8	7.144	352	355	358	rBV5	239782	569666	9.47%	0.327%
9	7.259	362	365	367	rBV3	282531	502628	8.36%	0.289%
10	7.305	367	369	371	rVB2	1729716	1659112	27.59%	0.954%
11	7.453	379	382	383	rBV2	1174669	1464885	24.36%	0.842%
12	7.476	383	384	387	rVB2	464299	492992	8.20%	0.283%
13	7.567	387	392	395	rBV4	1044957	2559547	42.56%	1.471%
14	7.625	395	397	400	rVB2	1066052	1626164	27.04%	0.935%
15	7.682	400	402	405	rBV3	810927	2005083	33.34%	1.152%
16	7.830	413	415	416	rBV	2057983	2344974	38.99%	1.348%
17	7.876	418	419	421	rVB2	896236	689597	11.47%	0.396%
18	7.945	421	425	427	rBV3	721007	1227988	20.42%	0.706%
19	8.002	427	430	432	rBV2	856313	1432219	23.81%	0.823%
20	8.047	432	434	435	rBV2	383292	579619	9.64%	0.333%
21	8.070	435	436	437	rBV	1287759	922272	15.33%	0.530%
22	8.116	439	440	444	rVB3	900580	914713	15.21%	0.526%
23	8.207	444	448	449	rBV3	880095	2102840	34.96%	1.209%
24	8.253	449	452	454	rVB3	1411552	2713966	45.12%	1.560%
25	8.287	454	455	457	rBV	967222	910928	15.15%	0.524%
26	8.322	457	458	461	rBV3	1738775	2416135	40.17%	1.389%
27	8.367	461	462	463	rVB	941314	645741	10.74%	0.371%
28	8.402	463	465	466	rVB2	872935	896255	14.90%	0.515%
29	8.459	468	470	471	rVB2	570575	714771	11.88%	0.411%
30	8.539	474	477	478	rBV3	588085	1122900	18.67%	0.645%
31	8.573	478	480	481	rVV2	1103195	1279538	21.27%	0.735%
32	8.607	481	483	484	rVV2	1222923	1616013	26.87%	0.929%
33	8.642	484	486	487	rVB2	3328057	3266962	54.32%	1.878%
34	8.676	487	489	492	rVB4	960254	1463966	24.34%	0.841%

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35	8.733	492	494	496	rBV3	550138	943362	15.68%	0.542%
36	8.790	496	499	501	rBV3	1009035	1918587	31.90%	1.103%
37	8.836	501	503	505	rBV2	785906	955646	15.89%	0.549%
38	8.882	505	507	509	rVB3	1810492	2785865	46.32%	1.601%
39	8.928	509	511	513	rBV3	625685	909783	15.13%	0.523%
40	8.973	513	515	516	rBV	1200163	1236807	20.56%	0.711%
41	9.008	516	518	519	rVV	2329071	2395461	39.83%	1.377%
42	9.030	519	520	522	rVV2	623351	734764	12.22%	0.422%
43	9.099	524	526	528	rBV2	1670485	1728947	28.75%	0.994%
44	9.156	528	531	532	rBV2	531630	769218	12.79%	0.442%
45	9.190	532	534	535	rBV	700069	1115648	18.55%	0.641%
46	9.225	535	537	538	rVV2	957575	1189709	19.78%	0.684%
47	9.259	538	540	542	rVV3	1295468	2254391	37.48%	1.296%
48	9.316	542	545	546	rVB	1857839	2120828	35.26%	1.219%
49	9.373	548	550	551	rVV2	505117	540291	8.98%	0.311%
50	9.419	551	554	555	rVV	2955958	3473169	57.75%	1.996%
51	9.453	555	557	558	rVV2	653418	1029702	17.12%	0.592%
52	9.499	559	561	563	rVB3	1419105	1689994	28.10%	0.971%
53	9.545	563	565	566	rBV	549110	834032	13.87%	0.479%
54	9.613	569	571	574	rVB3	2923288	4008552	66.65%	2.304%
55	9.670	574	576	578	rBV2	987555	1267160	21.07%	0.728%
56	9.773	580	585	587	rVV3	1090726	3274215	54.44%	1.882%
57	9.830	587	590	591	rVV2	909454	1680032	27.93%	0.966%
58	9.876	591	594	598	rVB2	1458285	2588685	43.04%	1.488%
59	9.945	598	600	602	rBV	2309688	3939305	65.50%	2.264%
60	9.990	602	604	605	rVV2	542893	917115	15.25%	0.527%
61	10.025	605	607	608	rVV	2926051	4005143	66.59%	2.302%
62	10.070	610	611	615	rVV3	3628220	4110193	68.34%	2.362%
63	10.139	615	617	619	rVV3	1926847	2616805	43.51%	1.504%
64	10.219	623	624	628	rVV4	882113	1772844	29.48%	1.019%
65	10.345	631	635	638	rVV5	1074246	3056716	50.82%	1.757%
66	10.391	638	639	644	rVB4	948717	2317902	38.54%	1.332%
67	10.471	644	646	648	rBV	1336253	2089349	34.74%	1.201%
68	10.539	651	652	653	rVV	886657	865034	14.38%	0.497%
69	10.562	653	654	656	rVV2	1685946	1732859	28.81%	0.996%
70	10.608	656	658	663	rVB2	2615866	3724999	61.93%	2.141%
71	10.688	663	665	666	rBV2	1548755	2099471	34.91%	1.207%

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72	10.711	666	667	670	rVB2	1590466	1853302	30.81%	1.065%
73	10.779	670	673	677	rBV3	1296171	3309904	55.03%	1.902%
74	10.916	682	685	690	rVV4	1195297	3541318	58.88%	2.035%
75	11.008	690	693	696	rVV2	3449648	5179906	86.12%	2.977%
76	11.065	696	698	701	rVB3	621436	1289128	21.43%	0.741%
77	11.133	701	704	705	rBV2	542979	881438	14.66%	0.507%
78	11.282	714	717	720	rVB	4177026	6014468	100.00%	3.457%
79	11.362	722	724	725	rVV	724787	853621	14.19%	0.491%
80	11.396	725	727	729	rVV2	420922	989609	16.45%	0.569%
81	11.453	730	732	733	rVV	784355	1172205	19.49%	0.674%
82	11.488	733	735	738	rVV3	994776	2753110	45.77%	1.582%
83	11.625	742	747	749	rBV5	802047	2571865	42.76%	1.478%
84	11.671	749	751	752	rVV2	460479	549642	9.14%	0.316%
85	11.739	755	757	761	rVB2	2747435	4125174	68.59%	2.371%
86	11.899	769	771	775	rVB	1037925	1513683	25.17%	0.870%
87	11.979	776	778	781	rVV4	740199	1451878	24.14%	0.834%
88	12.025	781	782	784	rVV2	556876	883368	14.69%	0.508%
89	12.094	786	788	792	rVV2	1295132	2361946	39.27%	1.358%
90	12.208	794	798	800	rVV4	832084	1834171	30.50%	1.054%
91	12.288	803	805	809	rBV5	409313	943183	15.68%	0.542%
92	12.379	811	813	814	rVV	1102345	1283228	21.34%	0.738%
93	12.414	814	816	817	rVV	1302846	1474818	24.52%	0.848%
94	12.471	819	821	822	rVV2	717437	1106607	18.40%	0.636%
95	12.528	824	826	828	rVB2	727740	940107	15.63%	0.540%
96	12.836	851	853	860	rVB4	605851	1949914	32.42%	1.121%
97	12.951	862	863	865	rVB	854027	814190	13.54%	0.468%
98	13.385	899	901	903	rVB2	332930	474502	7.89%	0.273%
99	13.431	903	905	908	rVV	475620	576248	9.58%	0.331%
100	13.511	911	912	917	rVB	1077650	1189510	19.78%	0.684%

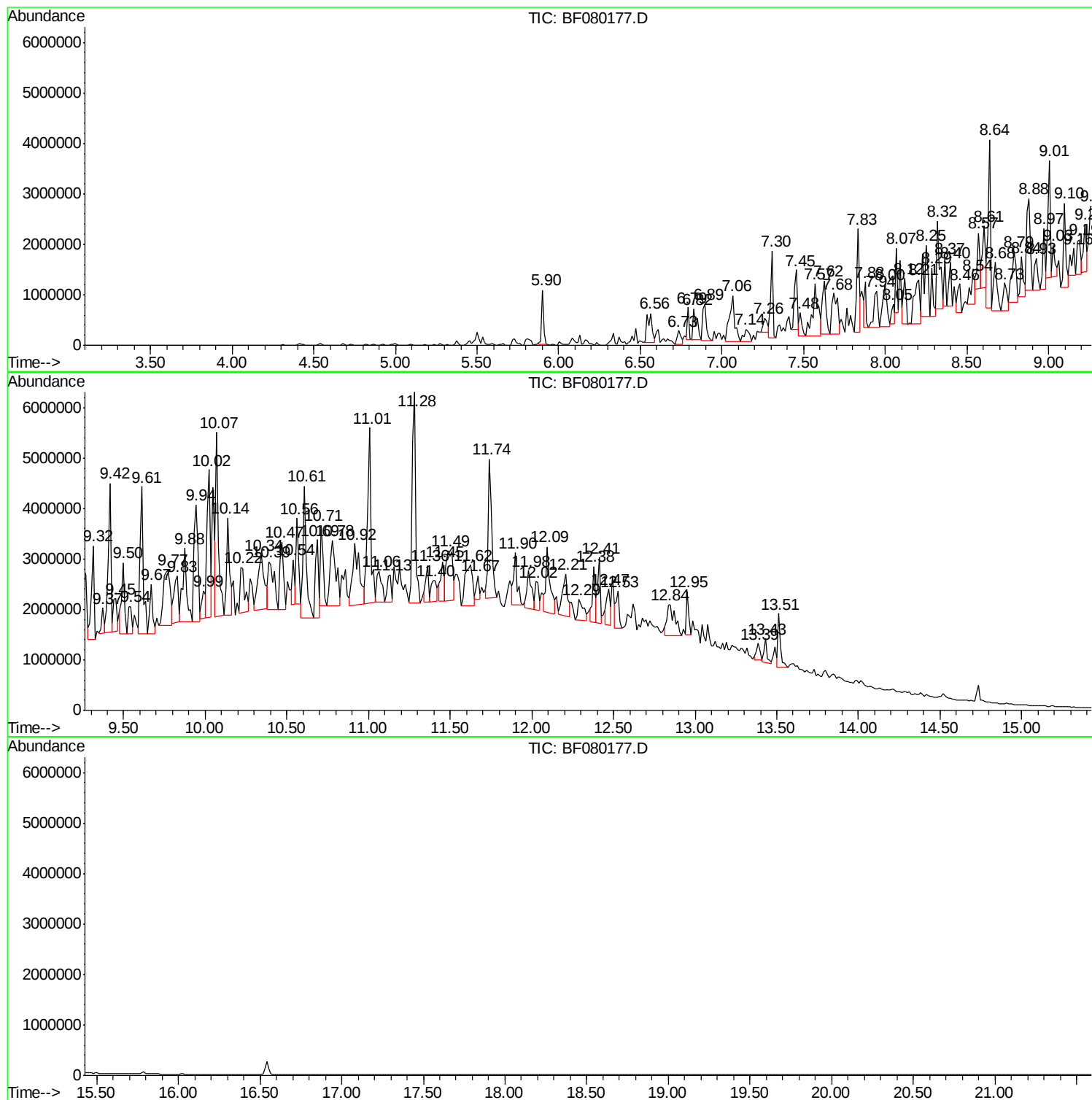
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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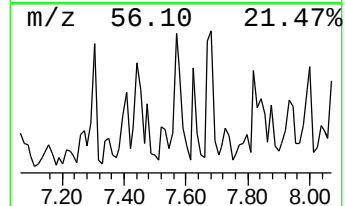
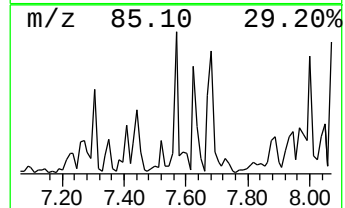
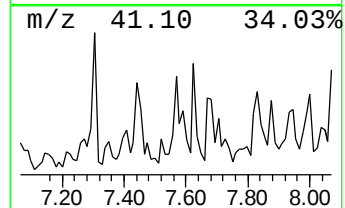
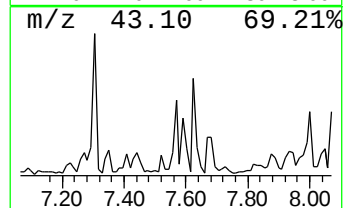
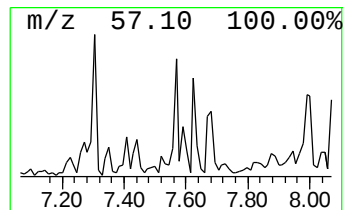
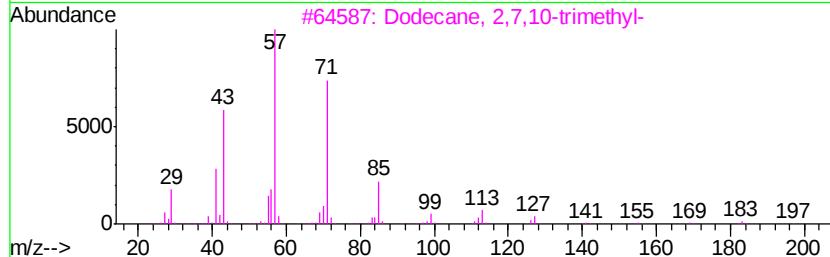
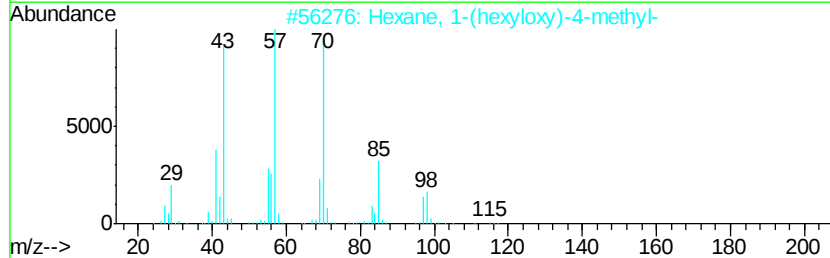
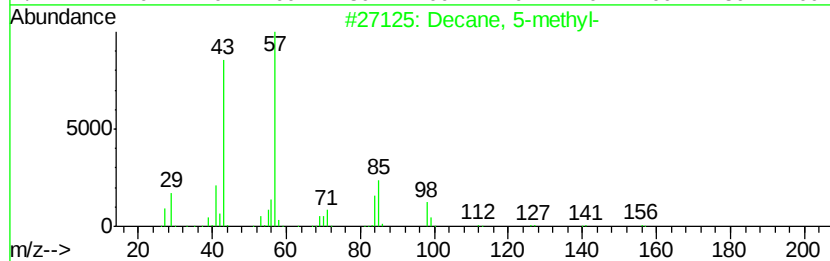
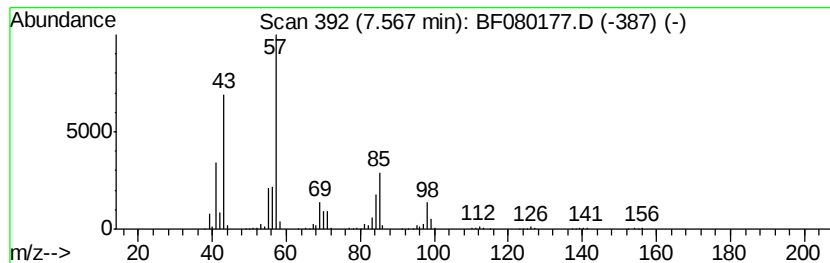
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane, 5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	30.85 ng	2559550	1,4-Dichlorobenzene-d4	7.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	59
2		Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	59
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
4		Decane, 2-methyl-	156	C11H24	006975-98-0	50
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47



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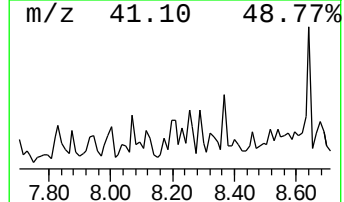
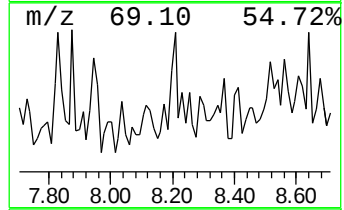
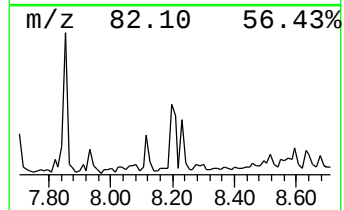
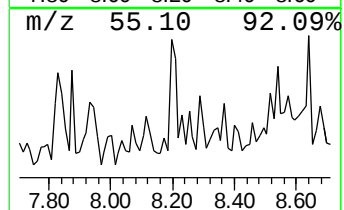
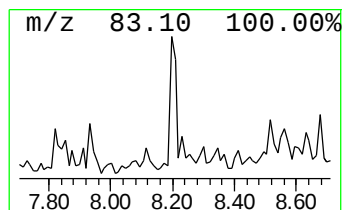
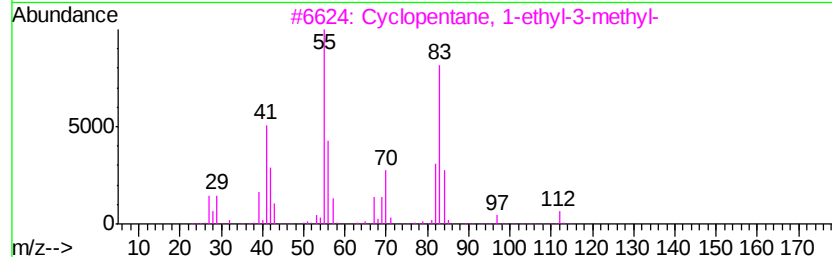
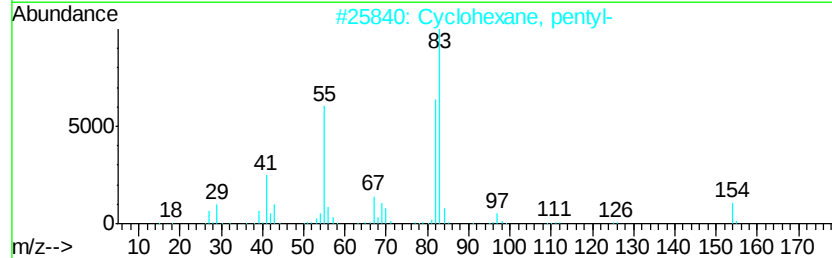
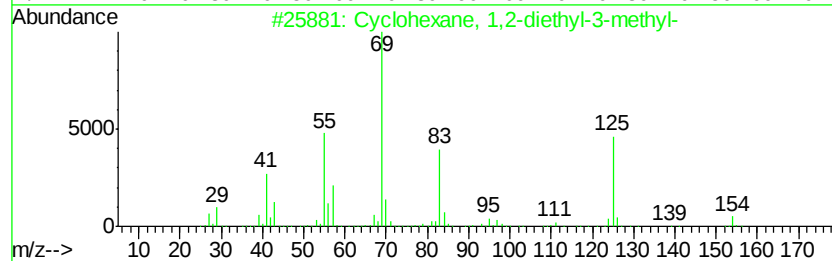
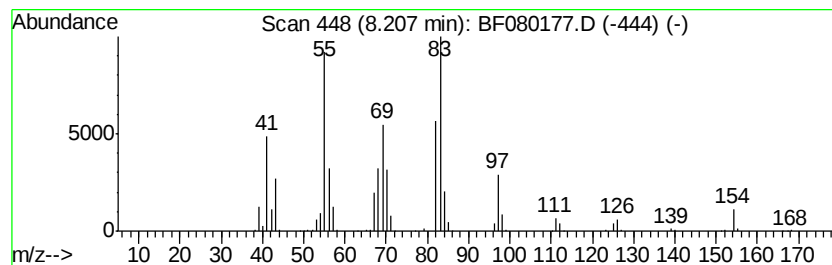
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	32.87 ng	2102840	Naphthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	52
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
3		Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	43
4		Cyclopentane, hexyl-	154	C11H22	004457-00-5	42
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38



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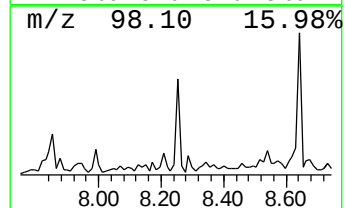
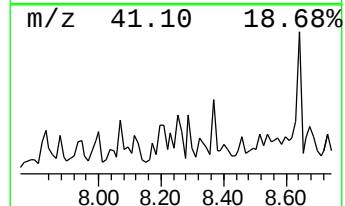
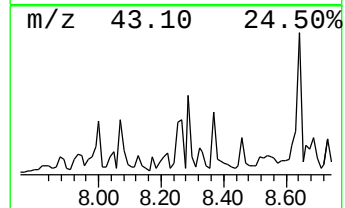
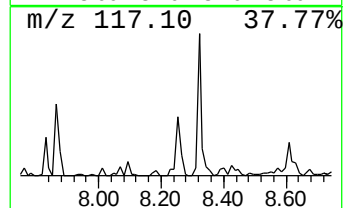
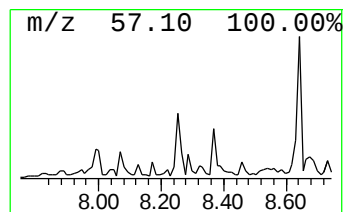
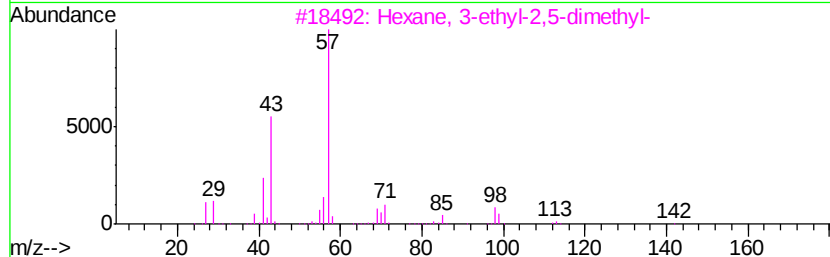
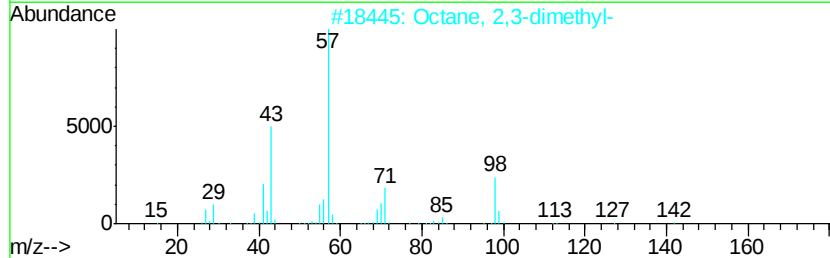
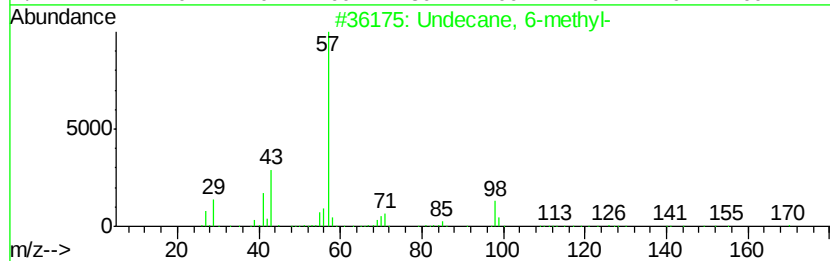
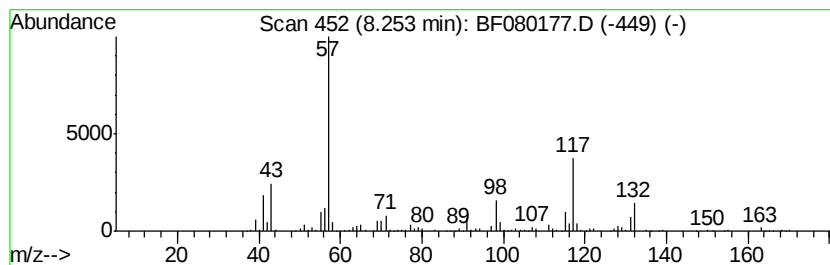
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Peak Number 3 unknown8.25 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	42.42 ng	2713970	Naphthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	46
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	35
3		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	27
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	22
5		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP2(7.5)

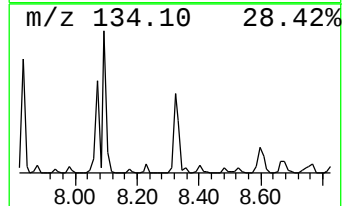
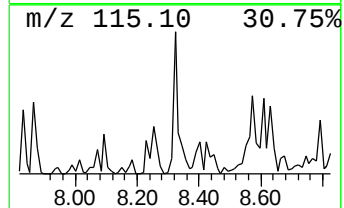
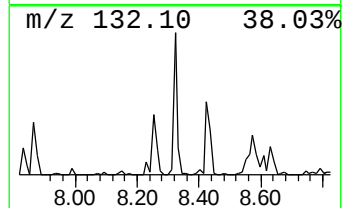
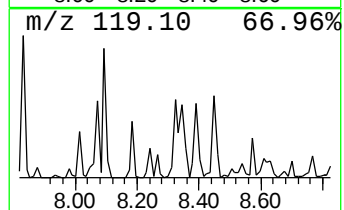
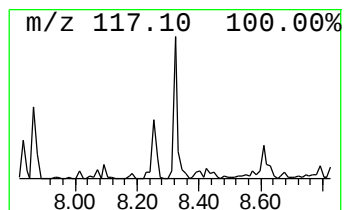
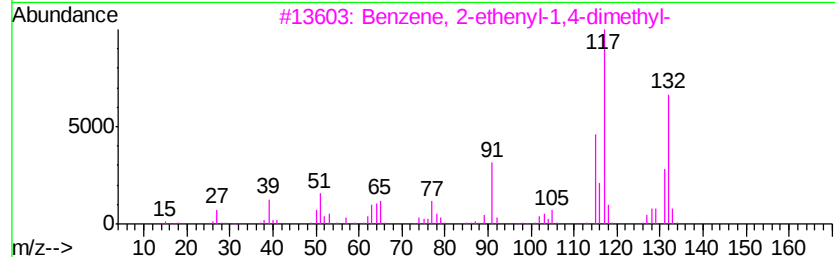
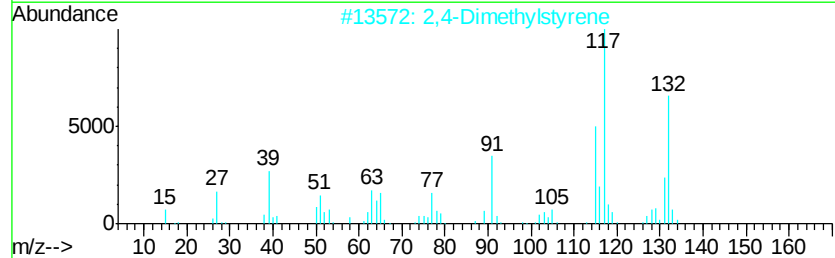
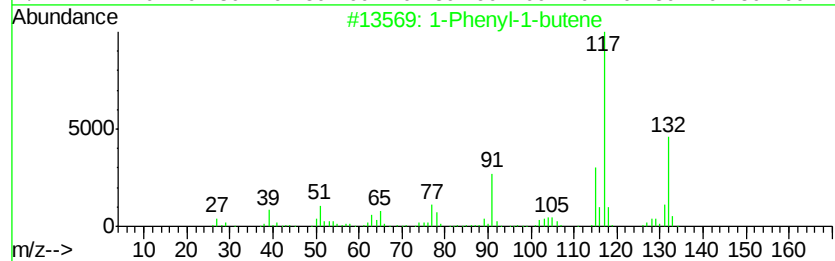
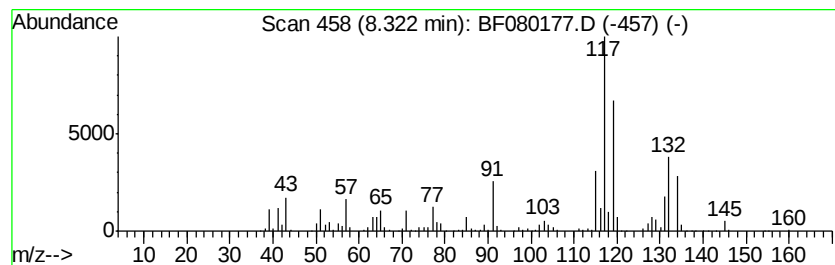
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	37.77 ng	2416140	Naphthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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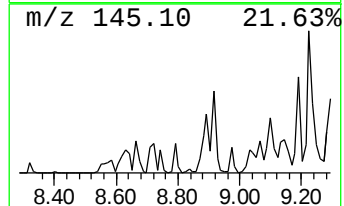
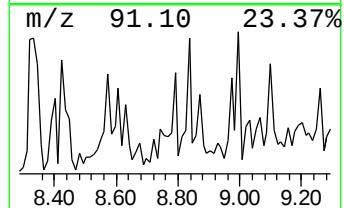
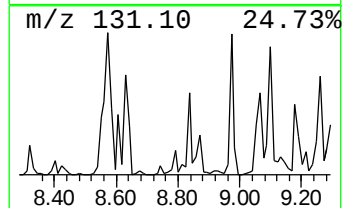
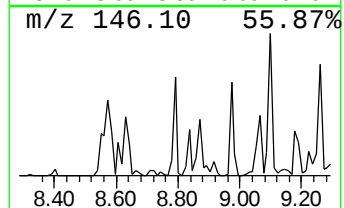
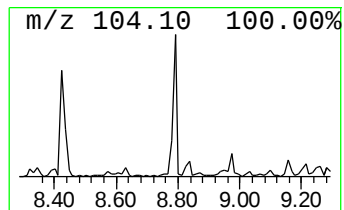
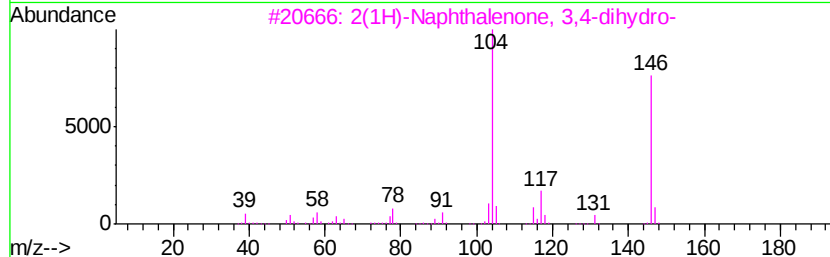
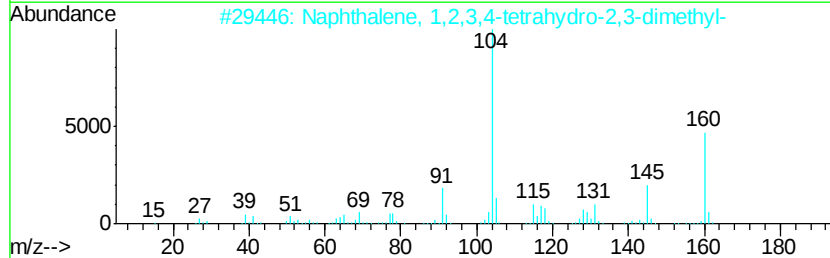
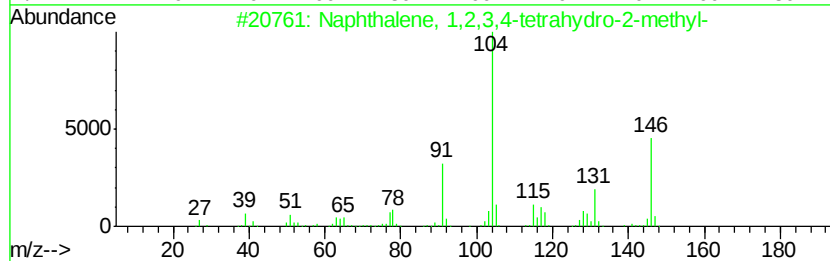
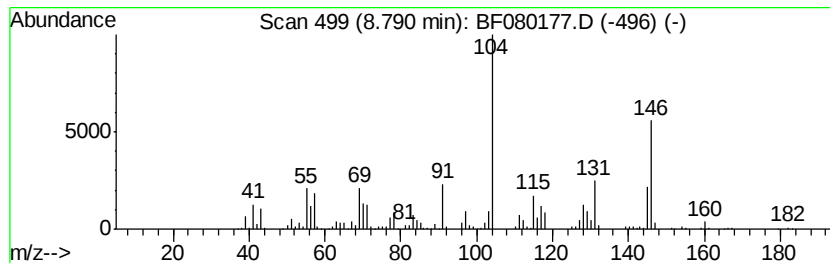
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	29.99 ng	1918590	Naphthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	53
3		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52
4		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	35
5		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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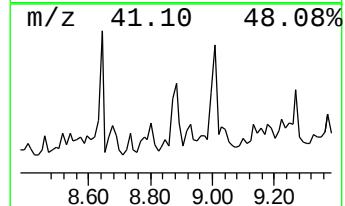
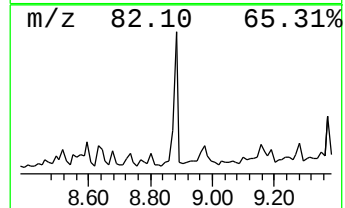
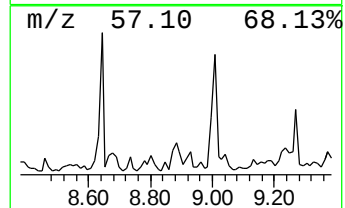
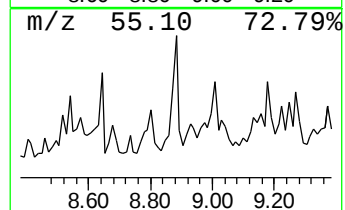
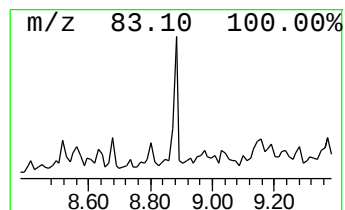
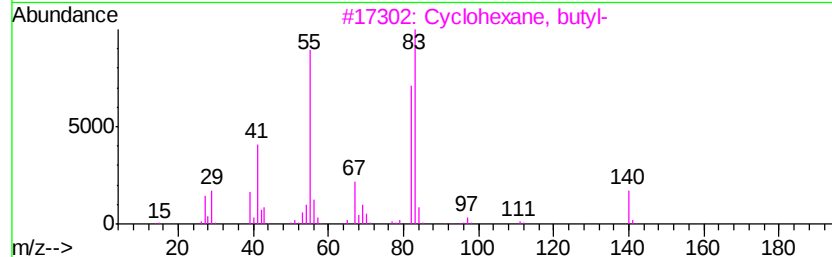
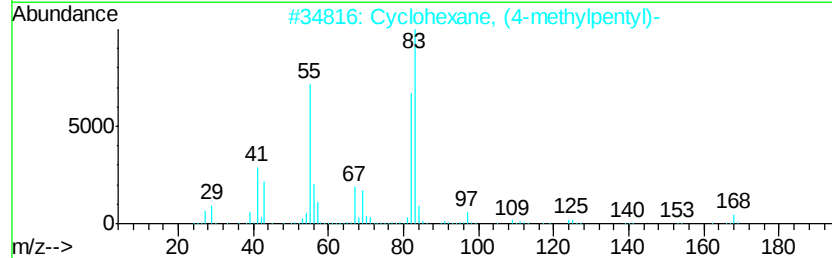
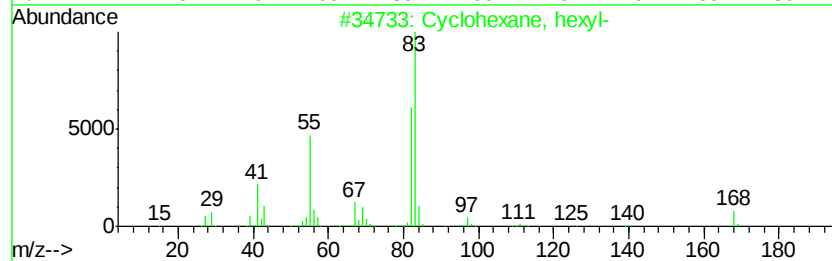
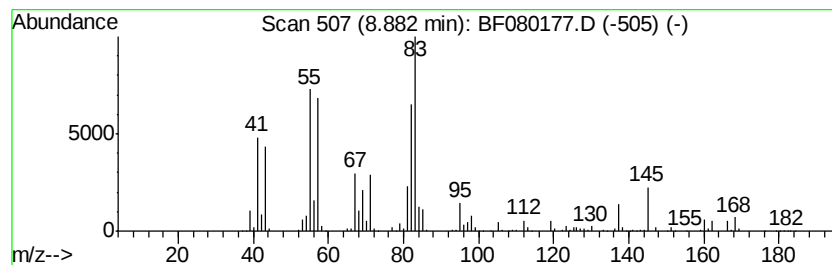
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	43.54 ng	2785870	Napthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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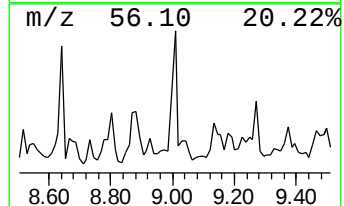
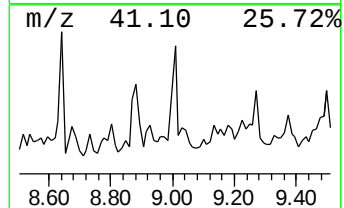
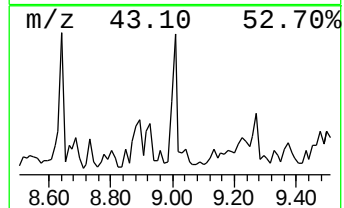
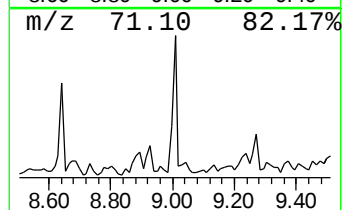
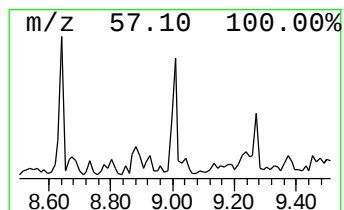
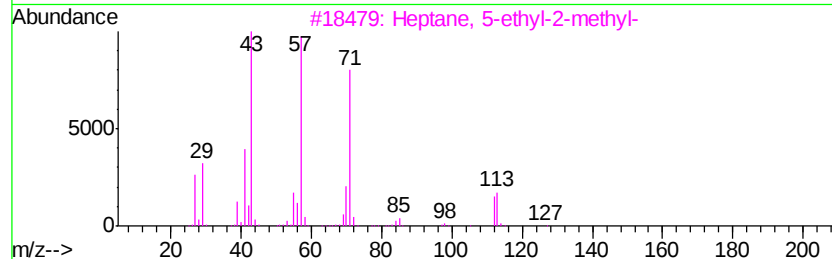
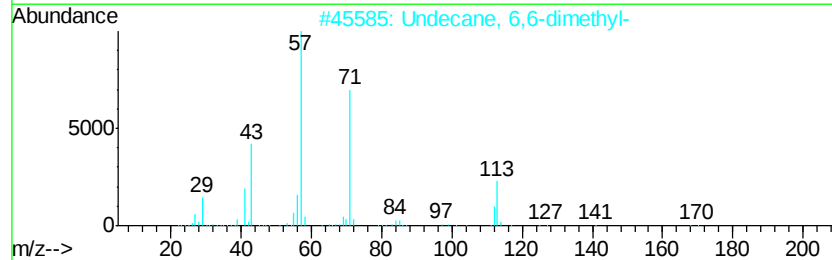
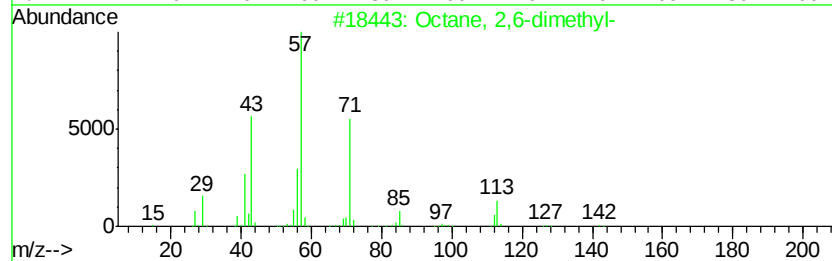
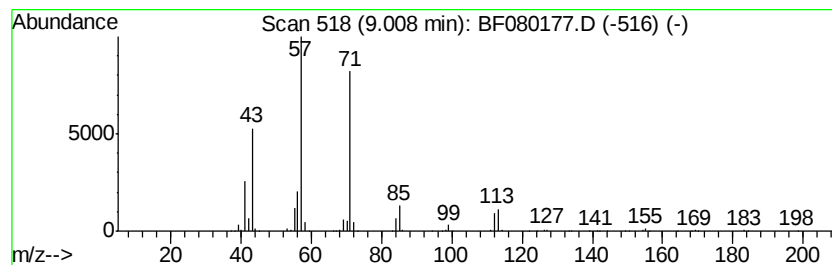
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	37.44 ng	2395460	Naphthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
3		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
4		2-Bromo-6-methylheptane	192	C8H17Br	004730-24-9	64
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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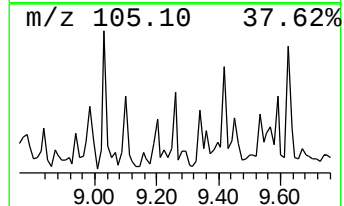
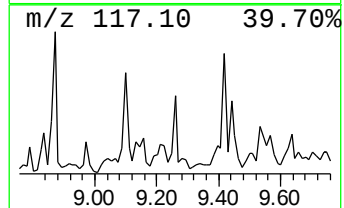
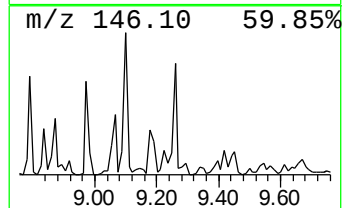
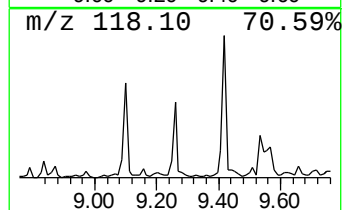
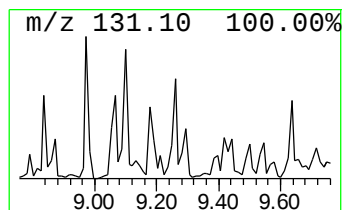
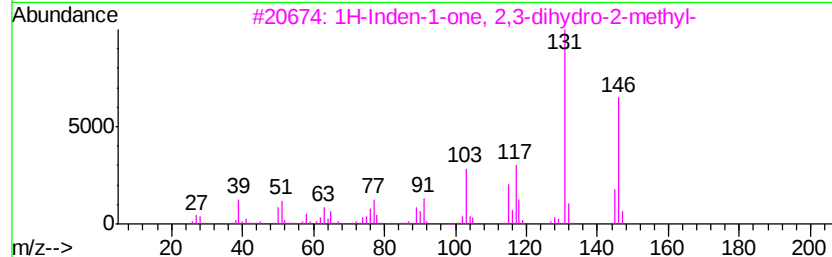
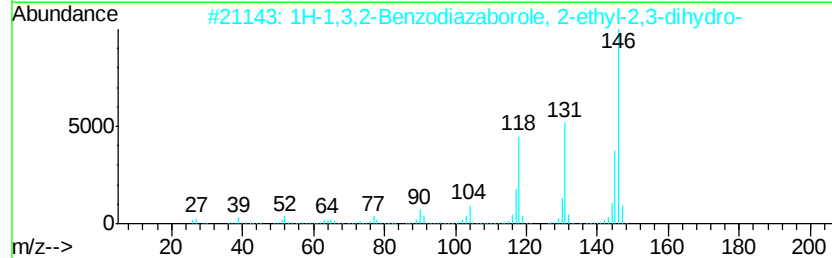
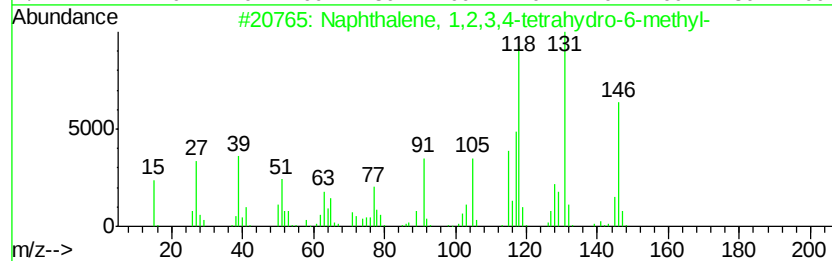
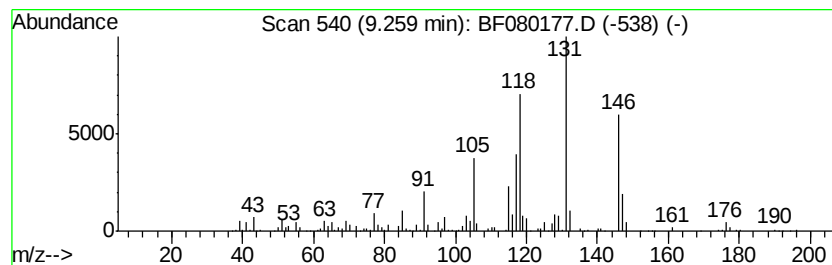
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	35.24 ng	2254390	Naphthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	72
2		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64
3		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
4		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	50
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
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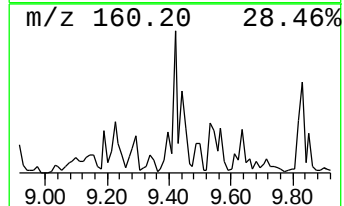
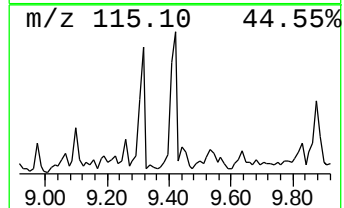
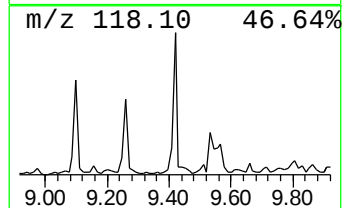
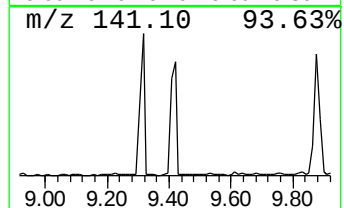
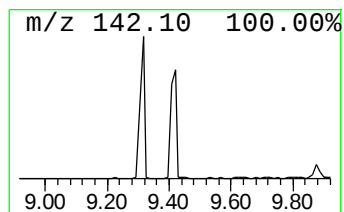
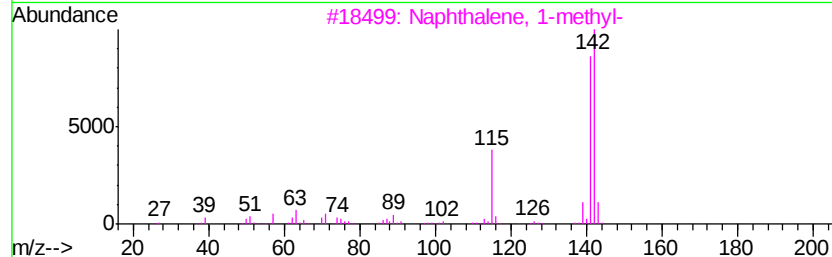
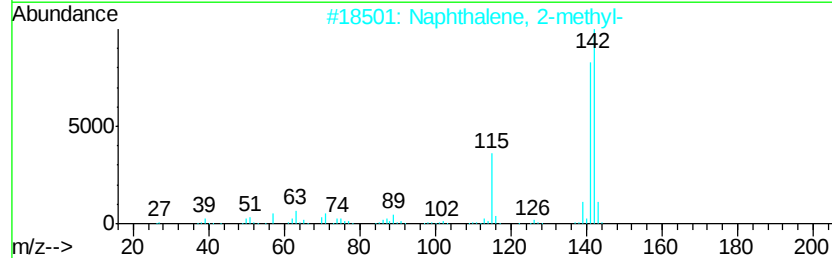
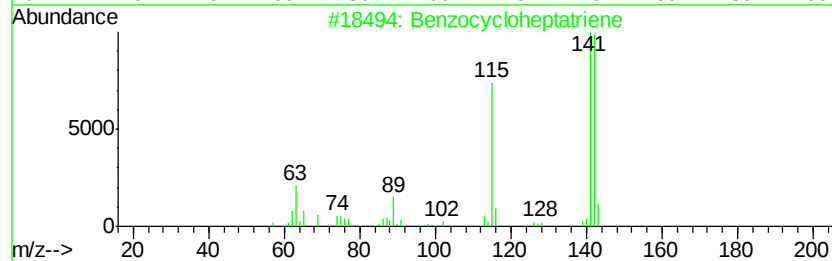
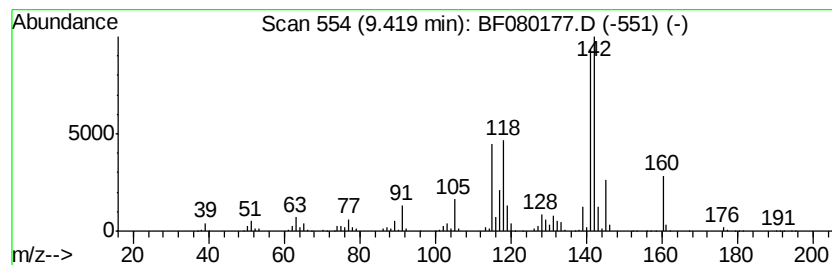
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	54.29 ng	3473170	Naphthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	64
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	64
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	64
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	64
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
GP2(7.5)

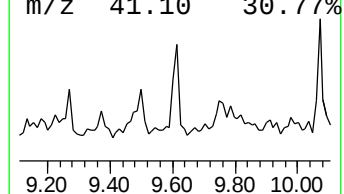
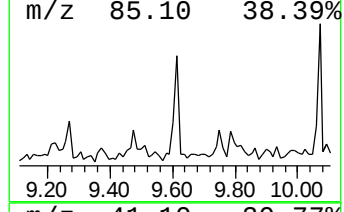
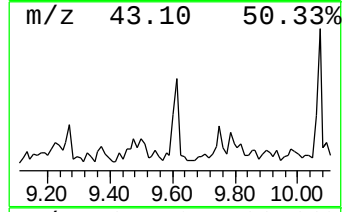
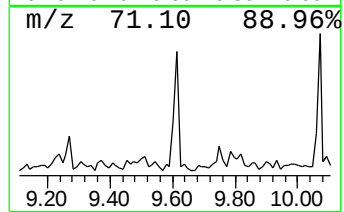
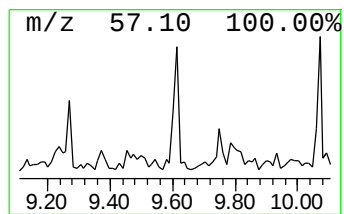
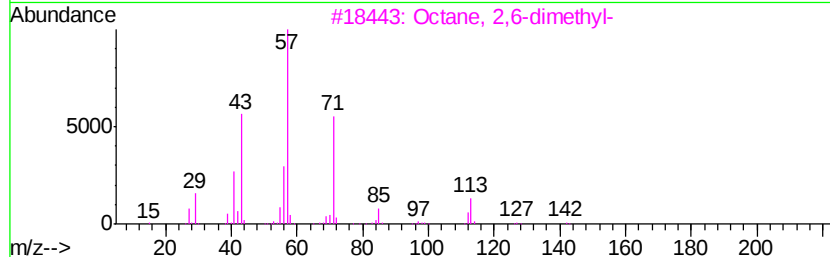
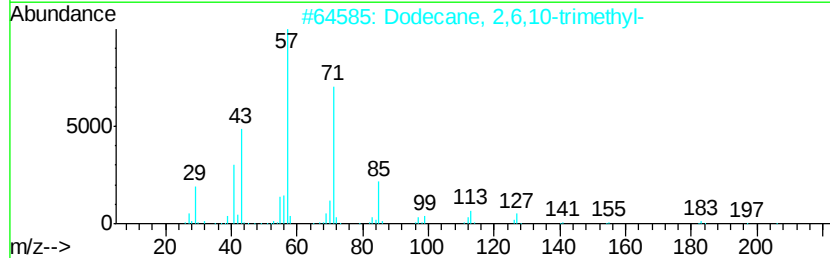
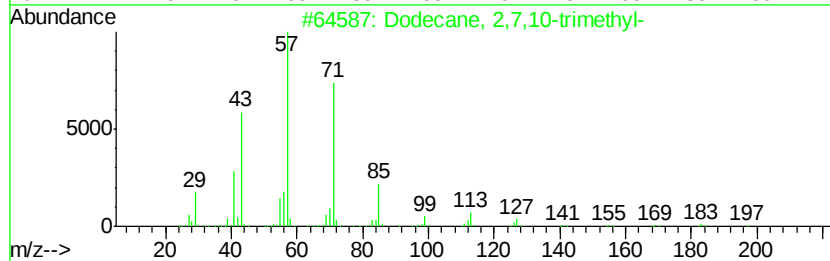
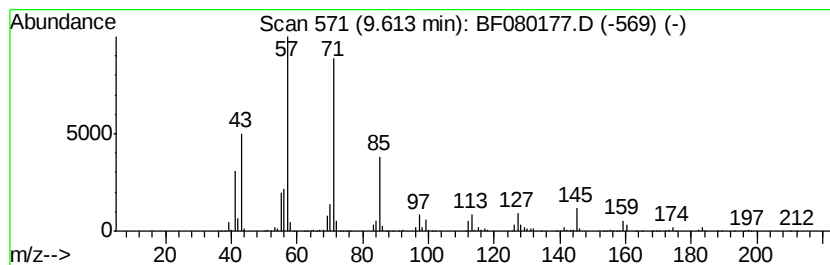
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	34.59 ng	4008550	Acenaphthene-d10	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	52
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP2(7.5)

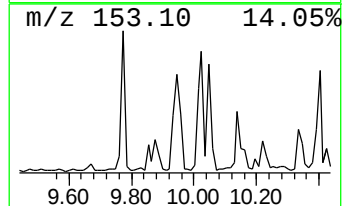
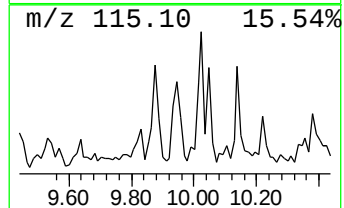
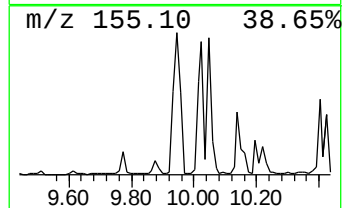
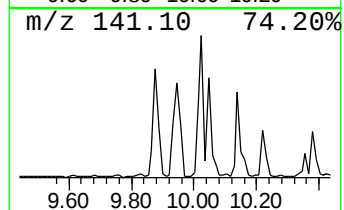
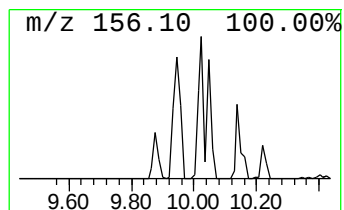
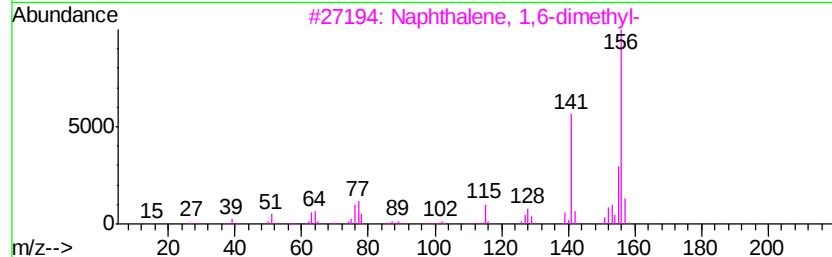
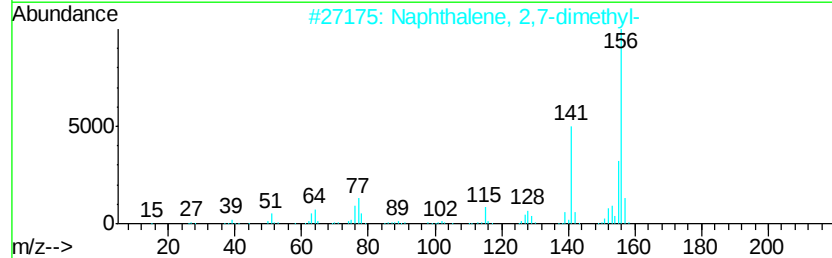
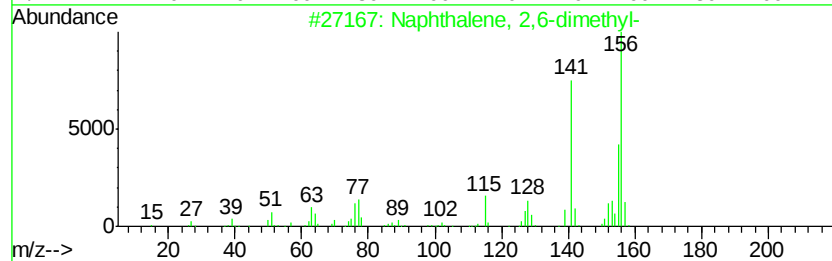
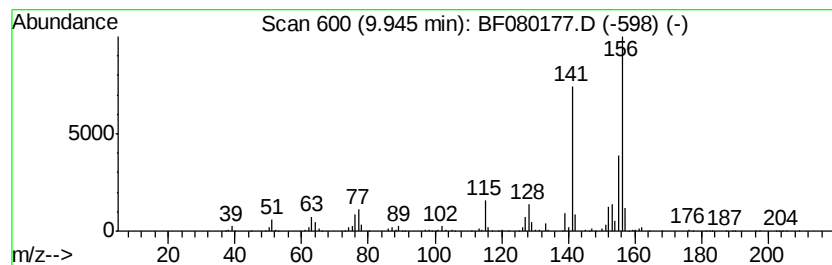
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	33.99 ng	3939310	Acenaphthene-d10	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
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Misc :
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ClientSampleId :
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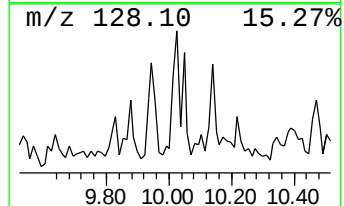
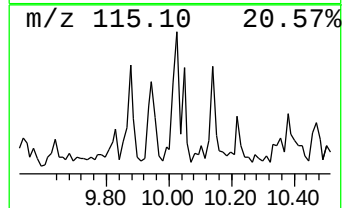
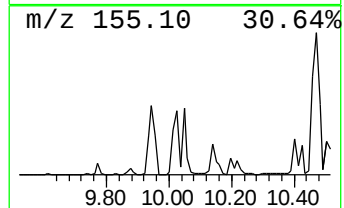
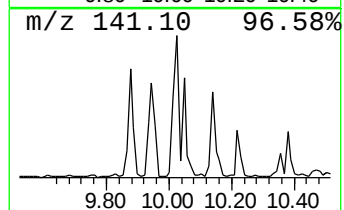
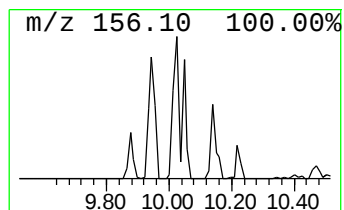
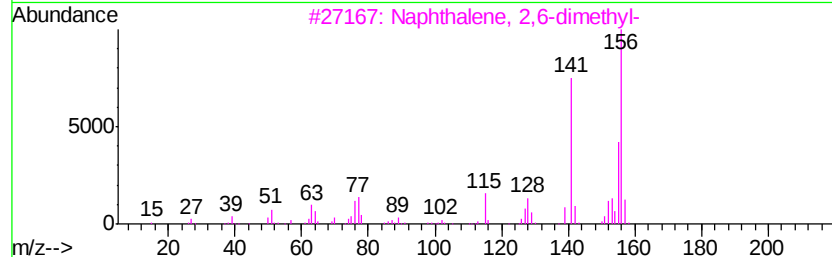
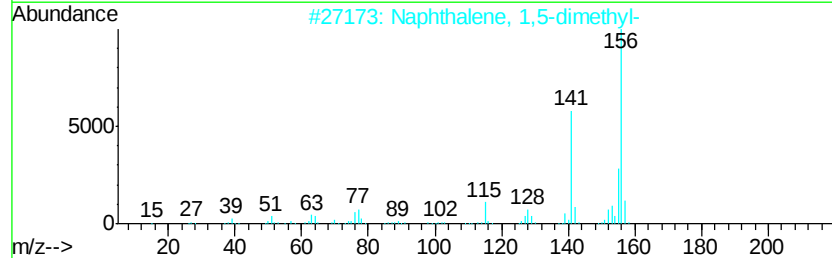
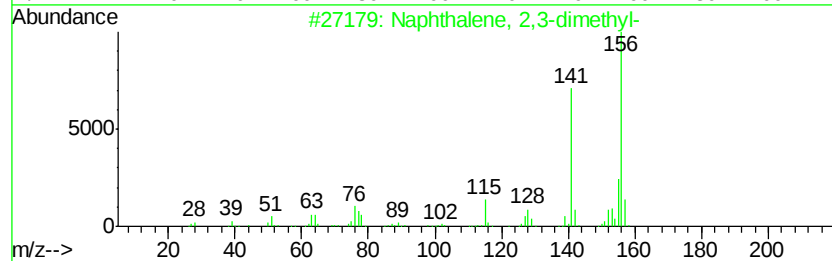
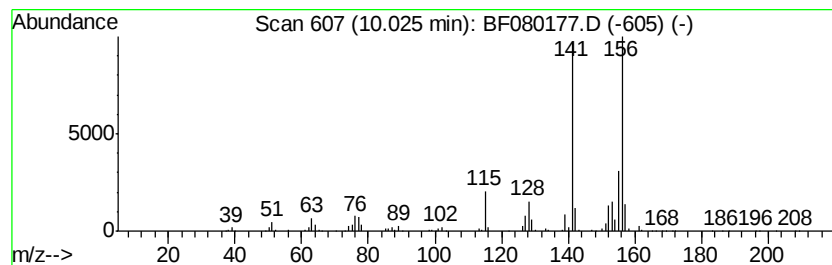
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	34.56 ng	4005140	Acenaphthene-d10	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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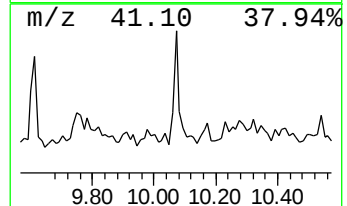
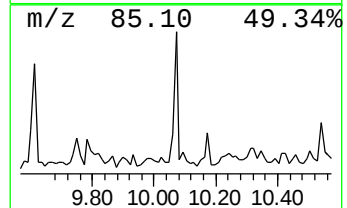
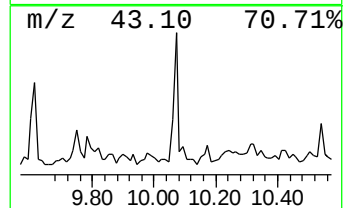
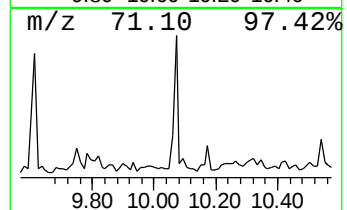
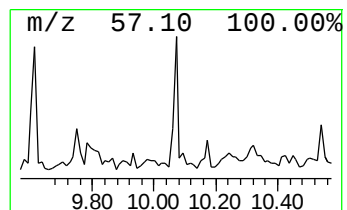
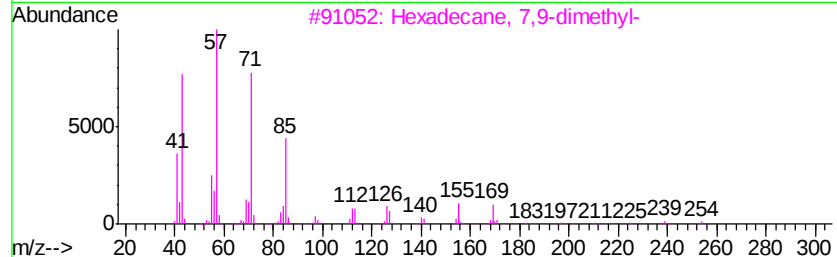
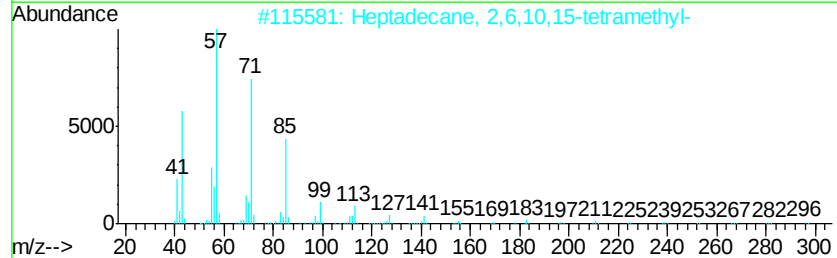
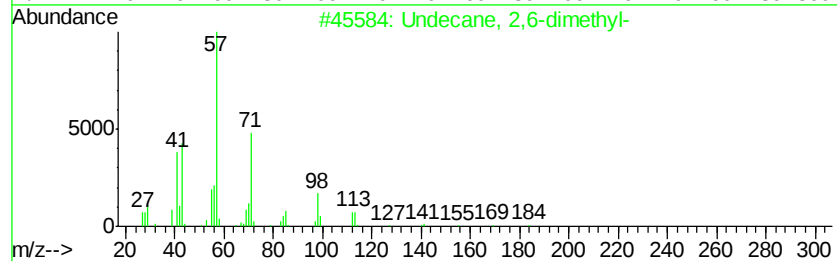
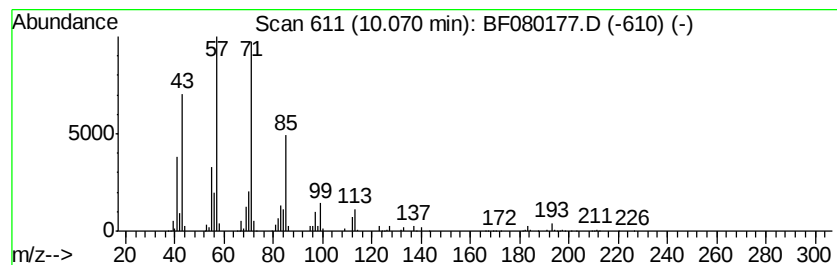
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	35.46 ng	4110190	Acenaphthene-d10	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
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Misc :
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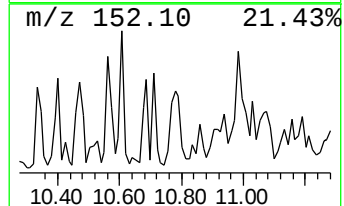
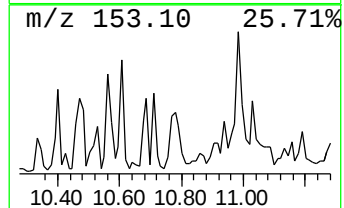
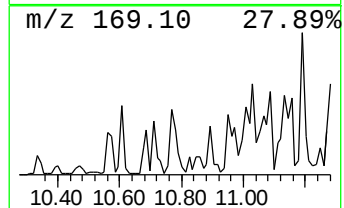
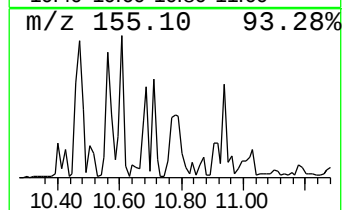
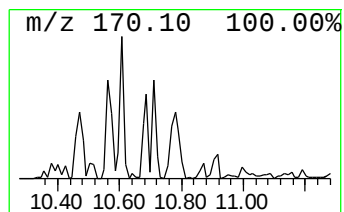
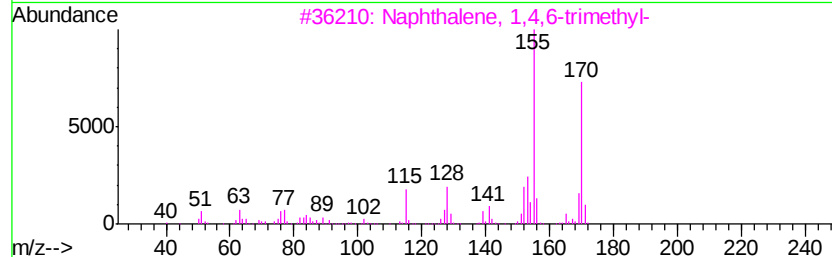
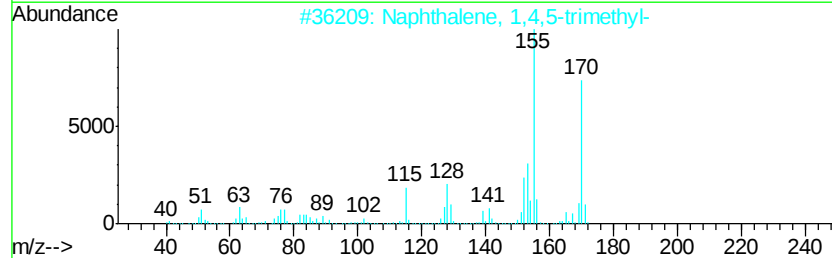
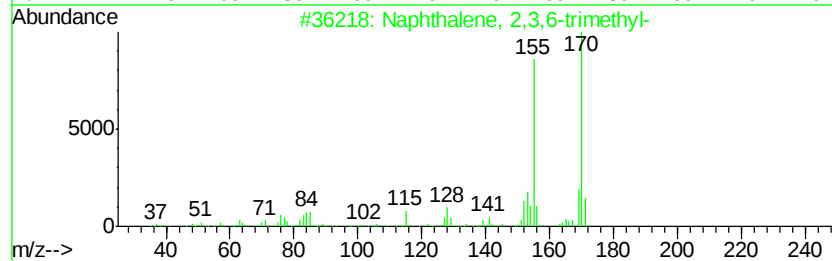
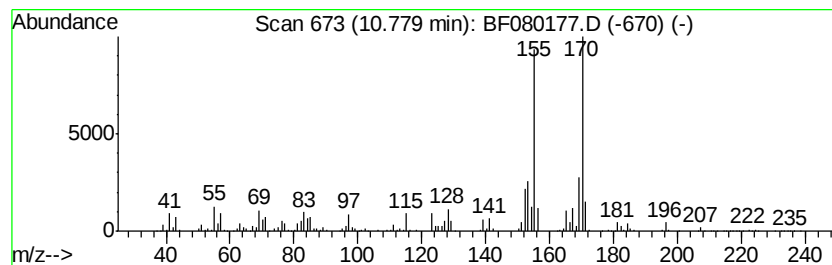
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	28.56 ng	3309900	Acenaphthene-d10	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
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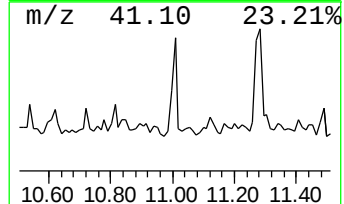
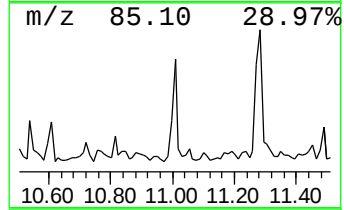
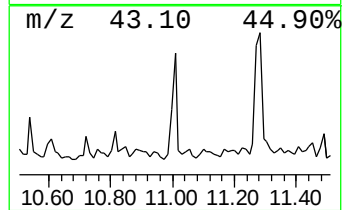
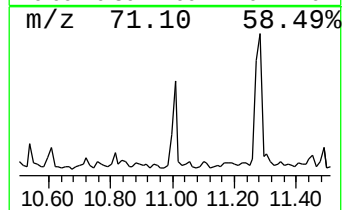
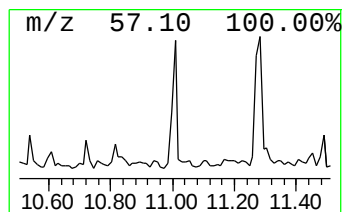
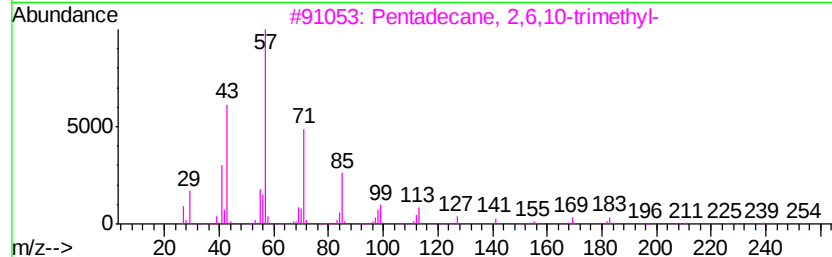
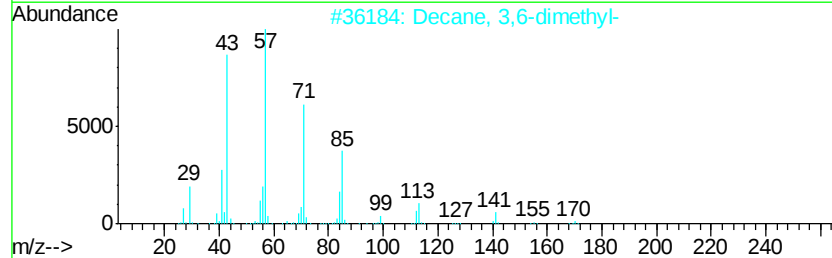
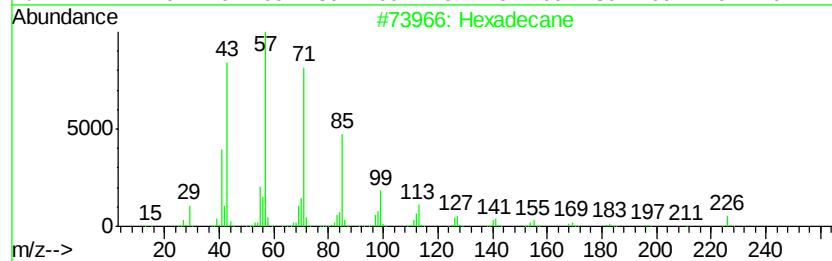
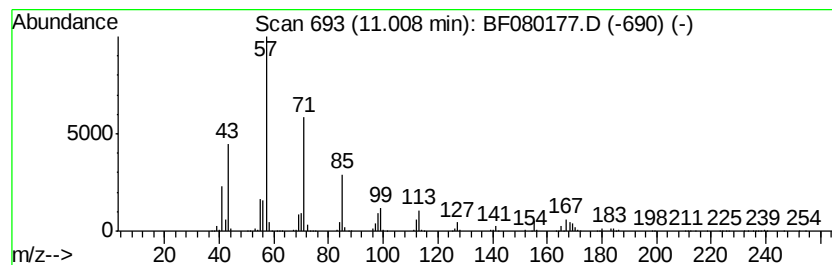
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	44.69 ng	5179910	Acenaphthene-d10	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	74
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
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ClientSampleId :
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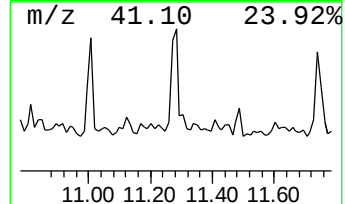
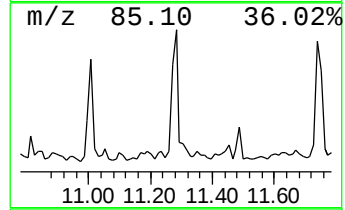
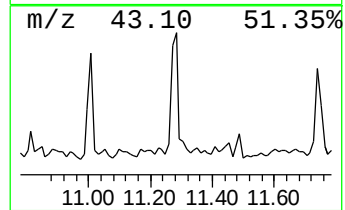
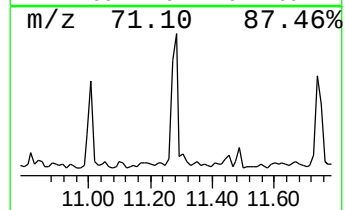
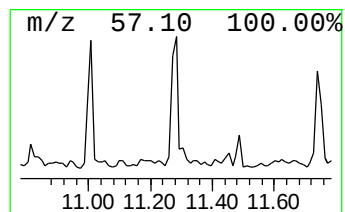
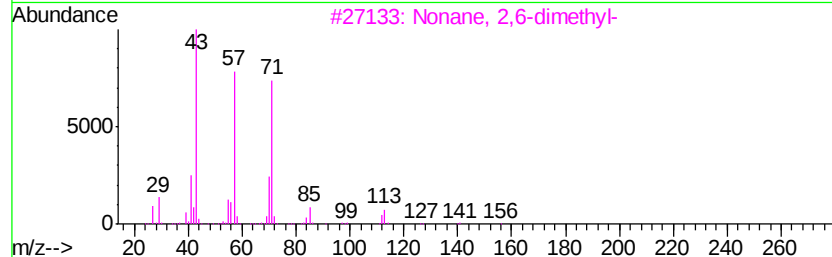
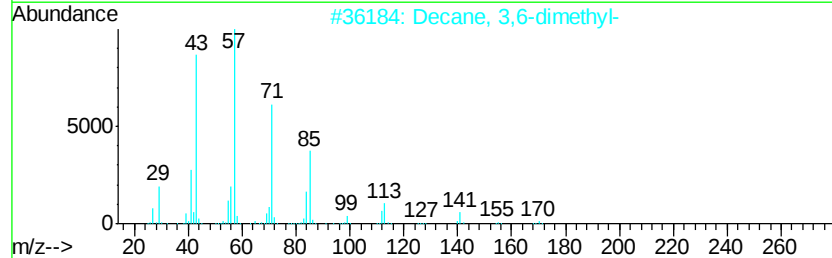
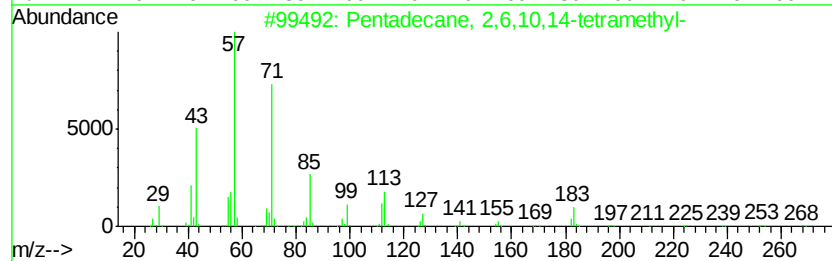
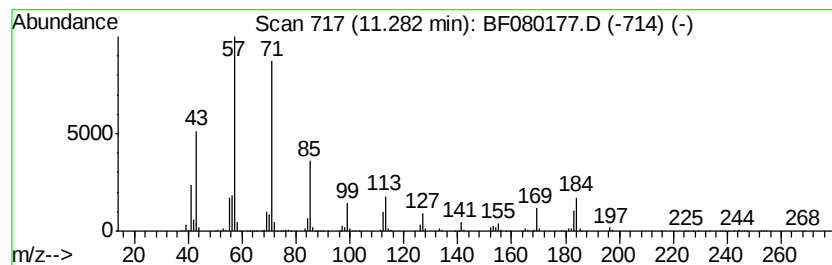
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	79.47 ng	6014470	Phenanthrene-d10	11.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
GP2(7.5)

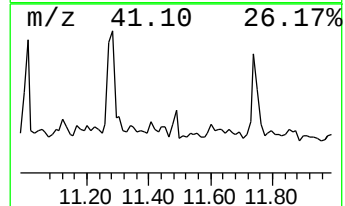
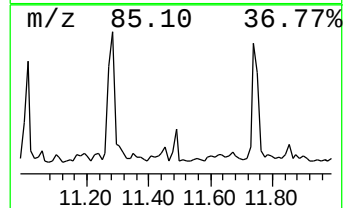
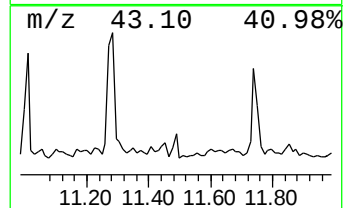
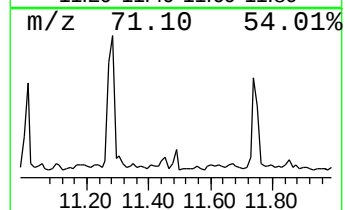
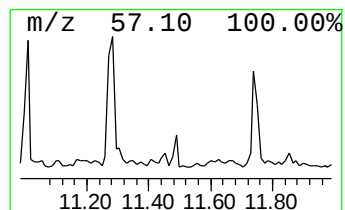
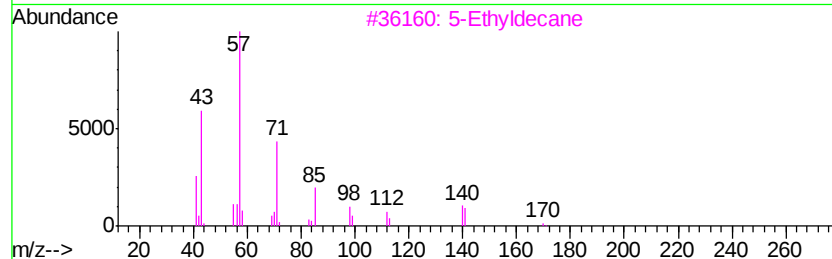
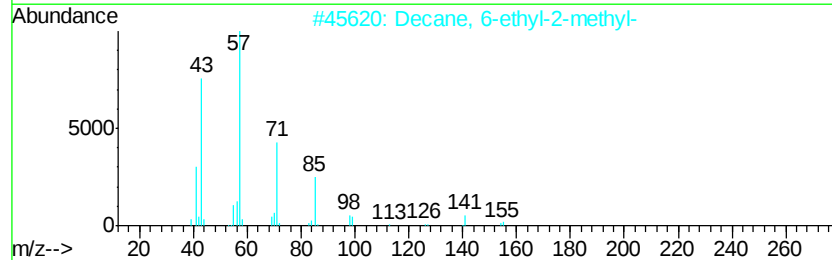
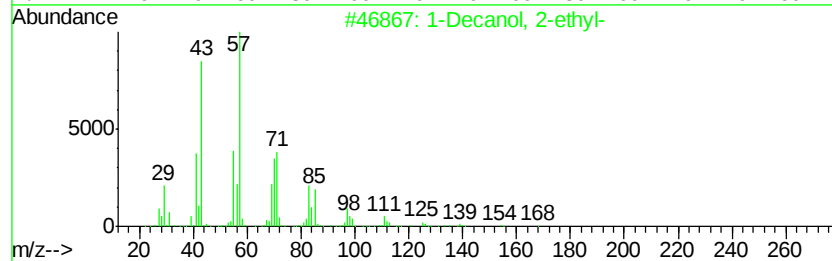
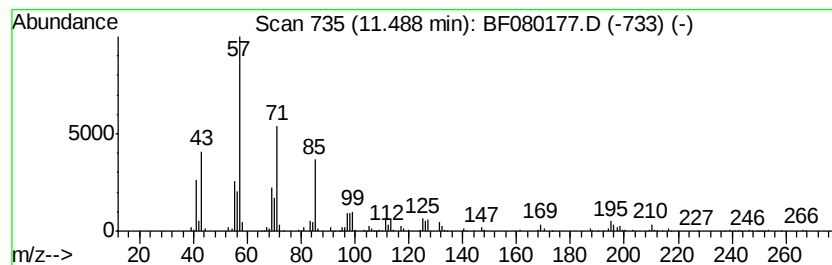
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Decanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	36.38 ng	2753110	Phenanthrene-d10	11.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	72
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
3		5-Ethyldecane	170	C12H26	017302-36-2	64
4		Tetracosane	338	C24H50	000646-31-1	59
5		Heptacosane	380	C27H56	000593-49-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP2(7.5)

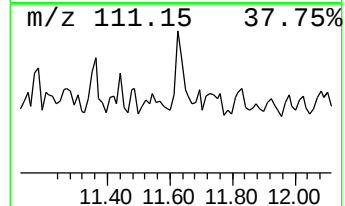
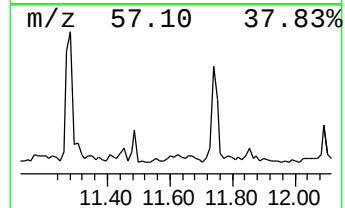
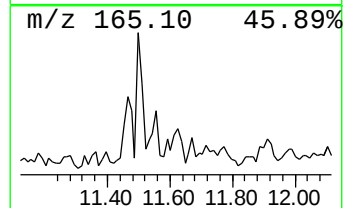
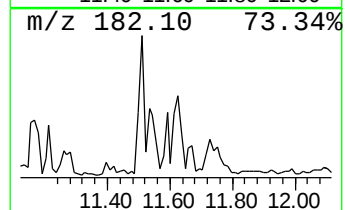
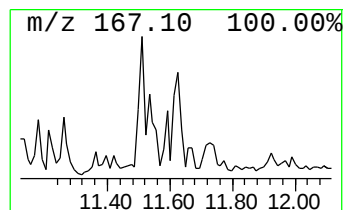
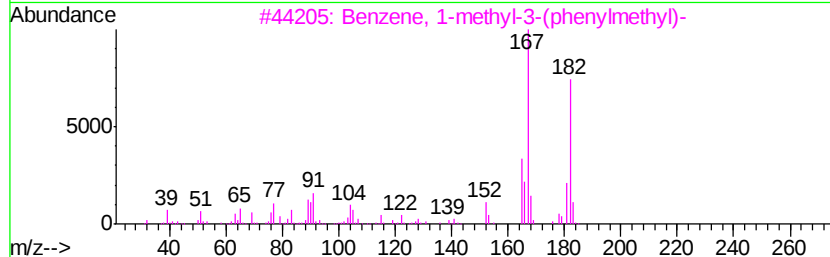
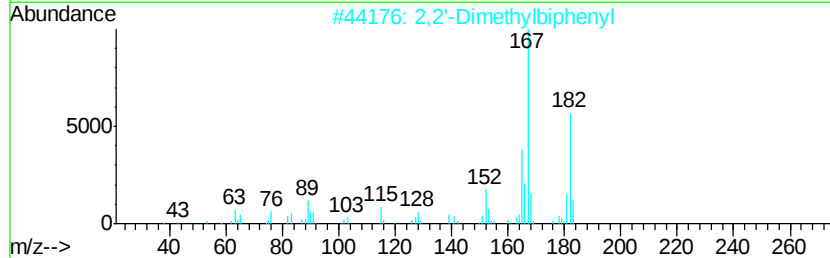
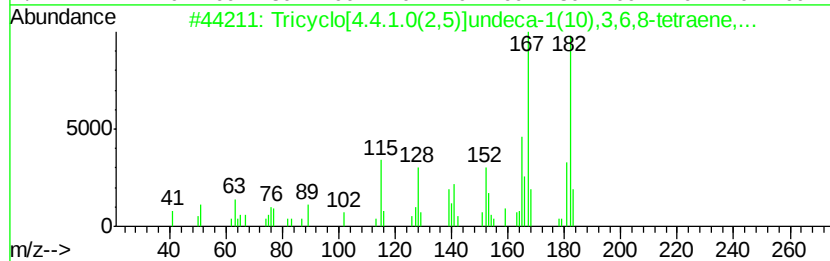
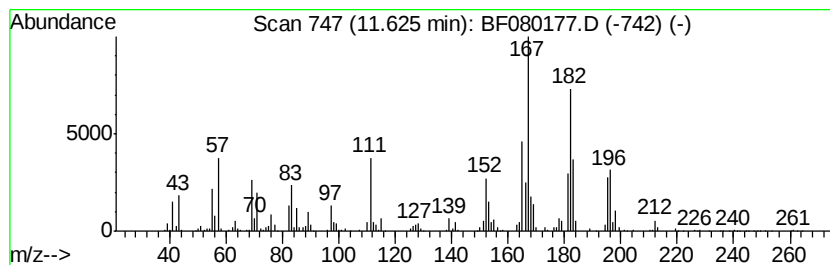
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tricyclo[4.4.1.0(2,5)]undec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	33.98 ng	2571870	Phenanthrene-d10	11.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	90
2		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	89
3		Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	76
4		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	76
5		1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

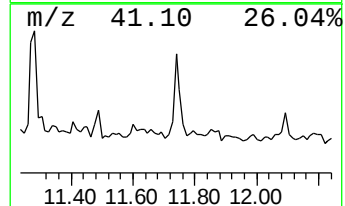
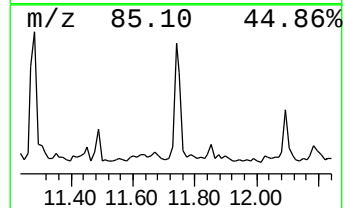
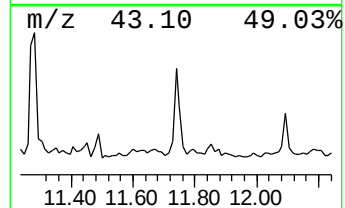
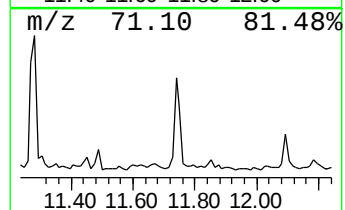
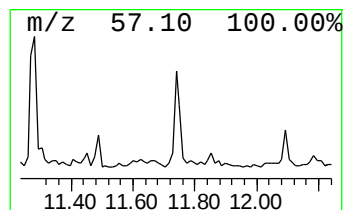
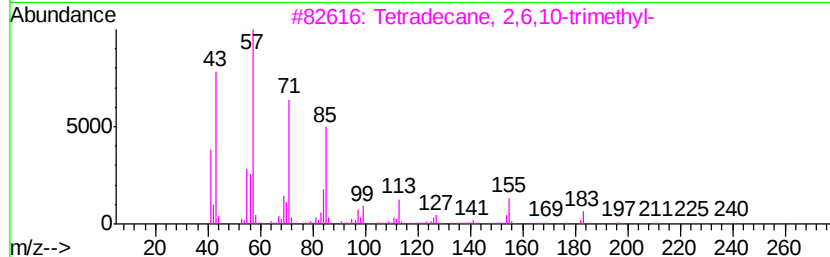
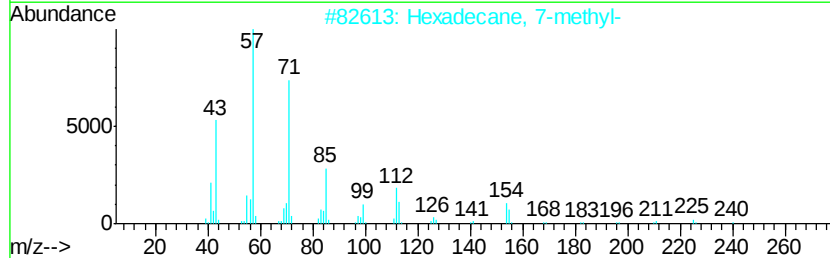
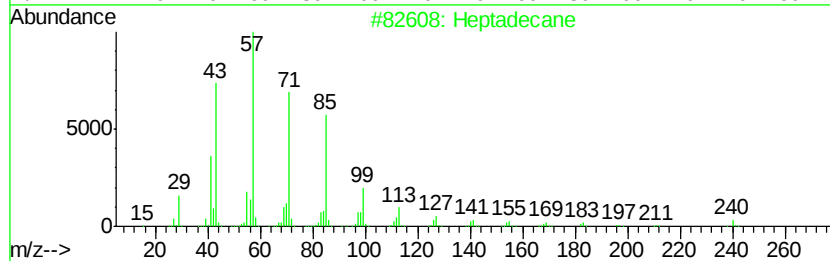
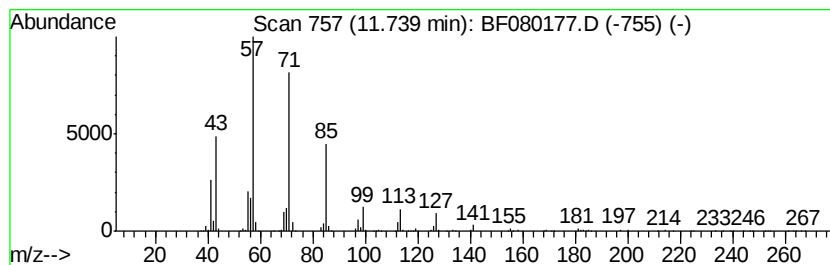
Instrument :
BNA_F
ClientSampleId :
GP2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.74	54.51 ng	4125170	Phenanthrene-d10	11.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP2(7.5)

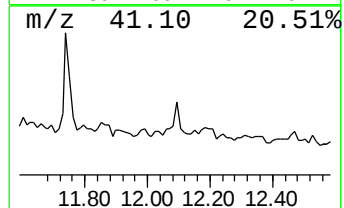
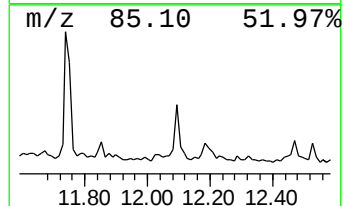
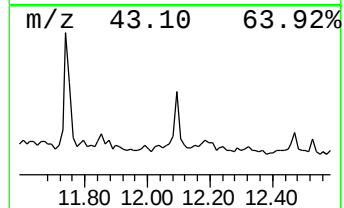
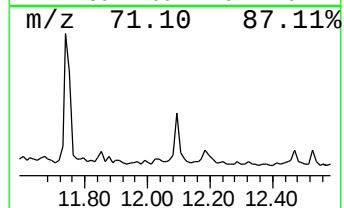
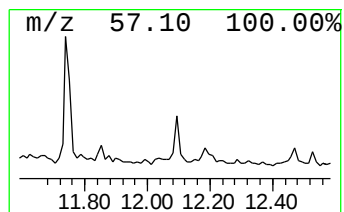
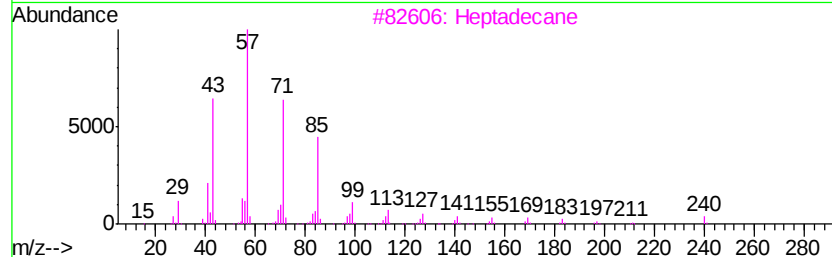
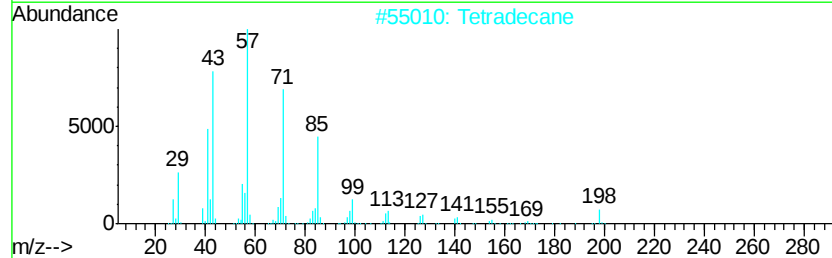
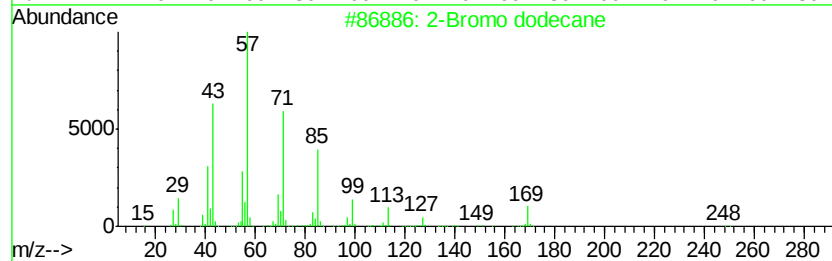
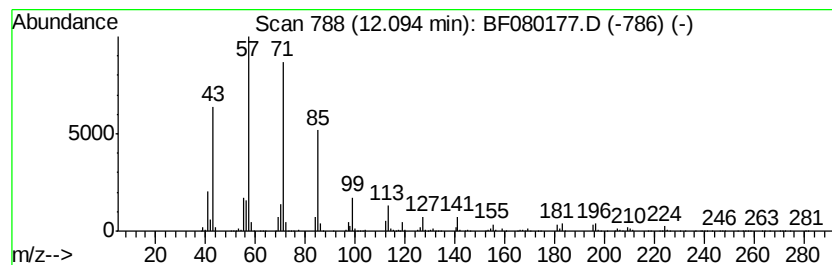
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromo dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	31.21 ng	2361950	Phenanthrene-d10	11.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2		Tetradecane	198	C14H30	000629-59-4	87
3		Heptadecane	240	C17H36	000629-78-7	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080177.D
 Acq On : 25 Jun 2015 20:36
 Operator : TP/IZ
 Sample : G2658-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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
Decane, 5-methyl-	7.57	30.9	ng	2559550	1	7.29	1659110	20.0
Cyclohexane, 1,2-...	8.21	32.9	ng	2102840	2	8.58	1279540	20.0
unknown8.25	8.25	42.4	ng	2713970	2	8.58	1279540	20.0
1-Phenyl-1-butene	8.32	37.8	ng	2416140	2	8.58	1279540	20.0
Naphthalene, 1,2,...	8.79	30.0	ng	1918590	2	8.58	1279540	20.0
Cyclohexane, hexyl-	8.88	43.5	ng	2785870	2	8.58	1279540	20.0
Octane, 2,6-dimet...	9.01	37.4	ng	2395460	2	8.58	1279540	20.0
Naphthalene, 1,2,...	9.26	35.2	ng	2254390	2	8.58	1279540	20.0
Benzocycloheptatr...	9.42	54.3	ng	3473170	2	8.58	1279540	20.0
Dodecane, 2,7,10-...	9.61	34.6	ng	4008550	3	10.37	2317900	20.0
Naphthalene, 2,6-...	9.94	34.0	ng	3939310	3	10.37	2317900	20.0
Naphthalene, 2,3-...	10.02	34.6	ng	4005140	3	10.37	2317900	20.0
Undecane, 2,6-dim...	10.07	35.5	ng	4110190	3	10.37	2317900	20.0
Naphthalene, 2,3,...	10.78	28.6	ng	3309900	3	10.37	2317900	20.0
Hexadecane	11.01	44.7	ng	5179910	3	10.37	2317900	20.0
Pentadecane, 2,6,...	11.28	79.5	ng	6014470	4	11.87	1513680	20.0
1-Decanol, 2-ethyl-	11.49	36.4	ng	2753110	4	11.87	1513680	20.0
Tricyclo[4.4.1.0(...	11.62	34.0	ng	2571870	4	11.87	1513680	20.0
Heptadecane	11.74	54.5	ng	4125170	4	11.87	1513680	20.0
2-Bromo dodecane	12.09	31.2	ng	2361950	4	11.87	1513680	20.0