

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083815.D
 Acq On : 15 Dec 2015 13:21
 Operator : UM/IZ
 Sample : G4634-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K203-8-10

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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	5.093	260	263	267	rBV	397301	549057	20.20%	0.811%
2	5.516	296	300	302	rVB	1712769	2588025	95.21%	3.824%
3	5.916	332	335	338	rBV2	56969	97087	3.57%	0.143%
4	5.973	338	340	342	rBV2	25000	38377	1.41%	0.057%
5	6.064	345	348	350	rVB	46711	68646	2.53%	0.101%
6	6.110	350	352	354	rBV2	33535	65670	2.42%	0.097%
7	6.156	354	356	359	rVB2	118445	153831	5.66%	0.227%
8	6.213	359	361	362	rBV	135442	107881	3.97%	0.159%
9	6.270	365	366	370	rVB2	53892	72767	2.68%	0.108%
10	6.339	370	372	374	rBV	82087	131650	4.84%	0.195%
11	6.384	374	376	379	rVB3	27033	53313	1.96%	0.079%
12	6.442	379	381	386	rBV2	222525	398375	14.66%	0.589%
13	6.533	386	389	391	rBV	2266651	2540617	93.47%	3.754%
14	6.579	391	393	394	rVB	123600	82728	3.04%	0.122%
15	6.670	398	401	403	rBV	2537684	2718089	100.00%	4.016%
16	6.762	406	409	411	rVB4	114710	193140	7.11%	0.285%
17	6.876	411	419	420	rBV5	201063	576404	21.21%	0.852%
18	6.899	420	421	425	rVB4	882514	874702	32.18%	1.292%
19	6.967	425	427	429	rBV3	144427	171296	6.30%	0.253%
20	7.002	429	430	432	rBV2	130756	237268	8.73%	0.351%
21	7.059	432	435	437	rVB	2370633	2140727	78.76%	3.163%
22	7.093	437	438	439	rVB	166188	114005	4.19%	0.168%
23	7.139	439	442	443	rBV3	122518	201987	7.43%	0.298%
24	7.185	443	446	448	rVB2	345032	492382	18.12%	0.727%
25	7.230	448	450	451	rBV2	52657	88200	3.24%	0.130%
26	7.265	451	453	454	rBV	105624	151226	5.56%	0.223%
27	7.299	454	456	458	rBV	423908	520135	19.14%	0.768%
28	7.333	458	459	462	rVB3	234172	268131	9.86%	0.396%
29	7.390	462	464	466	rBV2	111957	144520	5.32%	0.214%
30	7.459	466	470	472	rBV2	1433761	2238473	82.35%	3.307%
31	7.493	472	473	476	rVB3	233741	389012	14.31%	0.575%
32	7.550	476	478	480	rBV3	502880	763152	28.08%	1.127%
33	7.607	480	483	484	rBV2	212025	294233	10.82%	0.435%
34	7.642	484	486	487	rBV2	74914	128147	4.71%	0.189%

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35	7.665	487	488	489 rBV	133044	98193	3.61%	0.145%
36	7.722	491	493	494 rVB	747193	792946	29.17%	1.172%
37	7.756	494	496	497 rBV	83172	95700	3.52%	0.141%
38	7.790	497	499	500 rBV	262893	477568	17.57%	0.706%
39	7.836	501	503	505 rVB2	1165744	1274482	46.89%	1.883%
40	7.882	505	507	508 rBV2	153223	192058	7.07%	0.284%
41	7.905	508	509	511 rBV	135849	199380	7.34%	0.295%
42	7.962	511	514	517 rVB2	219111	363500	13.37%	0.537%
43	8.019	517	519	521 rBV2	378196	539563	19.85%	0.797%
44	8.099	521	526	528 rBV3	494393	1310013	48.20%	1.935%
45	8.133	528	529	532 rBV3	244945	546160	20.09%	0.807%
46	8.190	532	534	536 rVB2	1071628	1579851	58.12%	2.334%
47	8.293	541	543	546 rVB3	242101	570128	20.98%	0.842%
48	8.373	546	550	551 rBV3	483582	884660	32.55%	1.307%
49	8.408	551	553	554 rVB	643710	556751	20.48%	0.823%
50	8.488	557	560	562 rVB2	764056	1058394	38.94%	1.564%
51	8.545	562	565	566 rBV2	399589	642946	23.65%	0.950%
52	8.579	566	568	570 rVB3	266157	440208	16.20%	0.650%
53	8.625	570	572	574 rBV	980951	1670647	61.46%	2.468%
54	8.705	577	579	580 rBV	320132	337033	12.40%	0.498%
55	8.739	580	582	585 rBV4	518269	979283	36.03%	1.447%
56	8.808	586	588	589 rBV2	256181	356054	13.10%	0.526%
57	8.888	593	595	597 rVB3	600282	923202	33.97%	1.364%
58	8.945	598	600	601 rBV2	547942	661701	24.34%	0.978%
59	9.116	613	615	616 rBV2	292232	382027	14.05%	0.564%
60	9.230	623	625	626 rBV	1370814	1376781	50.65%	2.034%
61	9.265	626	628	631 rVB	1734936	2397875	88.22%	3.543%
62	9.356	634	636	638 rBV3	1030894	1311466	48.25%	1.938%
63	9.425	638	642	643 rBV2	448681	982522	36.15%	1.452%
64	9.665	661	663	666 rBV2	1322914	2430493	89.42%	3.591%
65	9.825	675	677	679 rBV3	643857	1175020	43.23%	1.736%
66	9.871	679	681	682 rVB	1253264	1143661	42.08%	1.690%
67	9.905	682	684	685 rBV2	205020	205173	7.55%	0.303%
68	9.951	685	688	690 rBV3	1010438	1748661	64.33%	2.584%
69	10.271	714	716	719 rBV4	626697	1317338	48.47%	1.946%
70	10.328	719	721	722 rVV	420758	482085	17.74%	0.712%
71	10.362	722	724	727 rVV4	499706	783030	28.81%	1.157%

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72	10.556	739	741	743	rBV3	384727	486099	17.88%	0.718%
73	10.613	745	746	748	rVB	1018683	832719	30.64%	1.230%
74	10.739	755	757	759	rBV	952028	969941	35.68%	1.433%
75	10.888	767	770	772	rVB2	1297261	2277468	83.79%	3.365%
76	10.945	773	775	776	rBV2	427865	536385	19.73%	0.792%
77	11.082	785	787	793	rVB5	690575	1795664	66.06%	2.653%
78	11.345	808	810	812	rVB	1438375	1526944	56.18%	2.256%
79	11.436	816	818	821	rBV	540316	673637	24.78%	0.995%
80	13.014	954	956	961	rVB	1722511	1952706	71.84%	2.885%
81	14.065	1046	1048	1053	rVB	570412	867577	31.92%	1.282%
82	15.037	1130	1133	1137	rBV	414517	827832	30.46%	1.223%
83	15.505	1172	1174	1180	rVB	495730	843737	31.04%	1.247%
84	16.214	1234	1236	1246	rVB2	406913	963288	35.44%	1.423%
85	16.568	1265	1267	1270	rBV2	148711	320765	11.80%	0.474%
86	16.637	1271	1273	1281	rVB	422474	870891	32.04%	1.287%

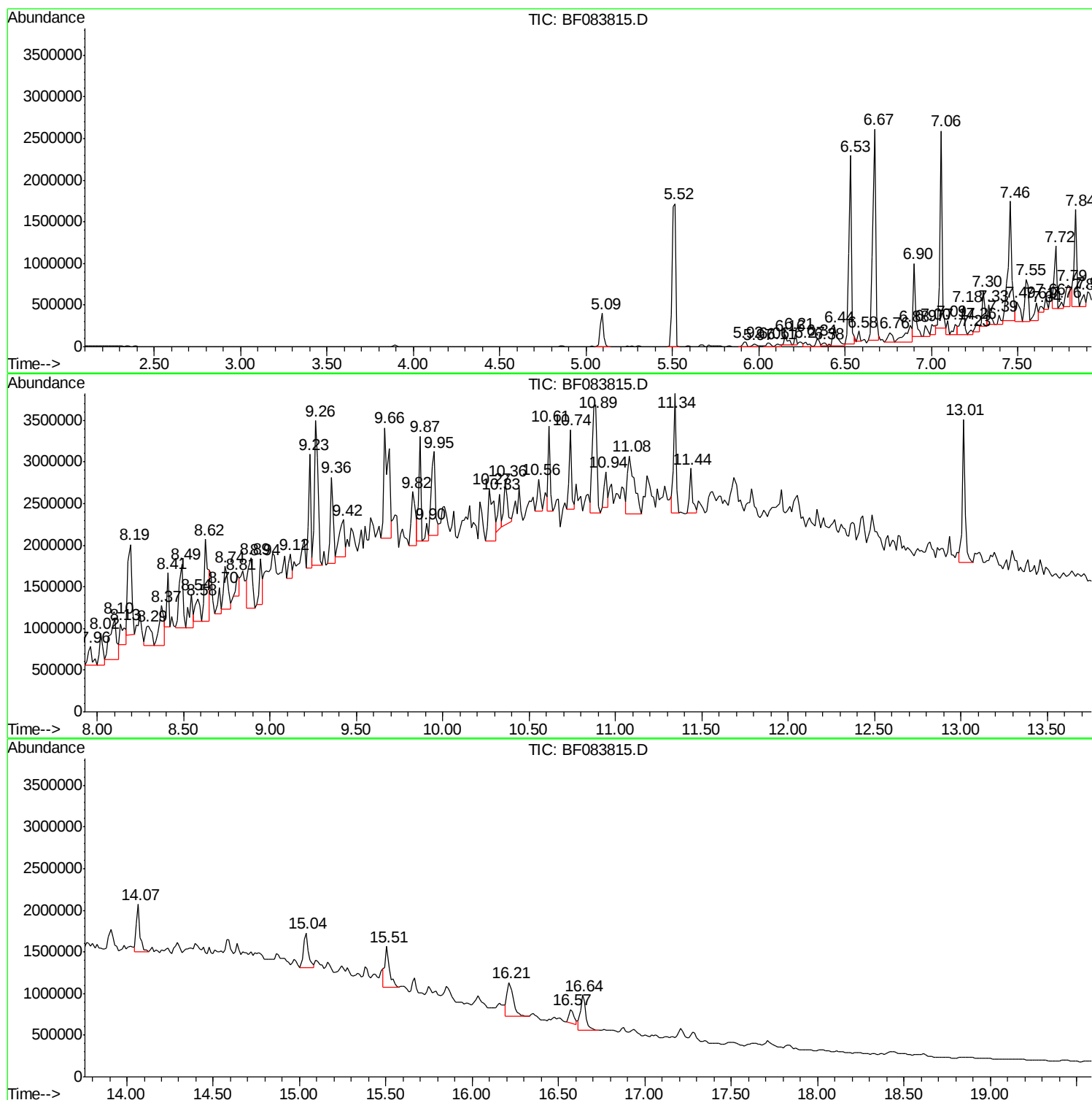
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Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
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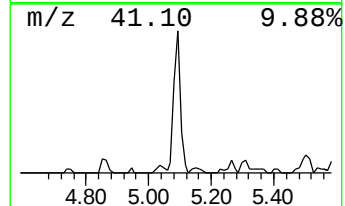
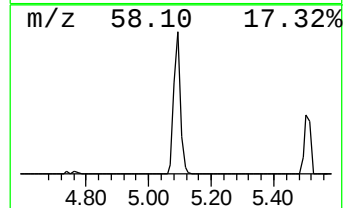
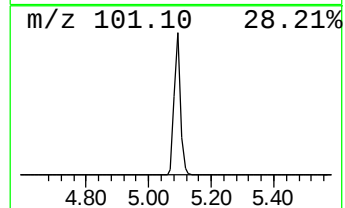
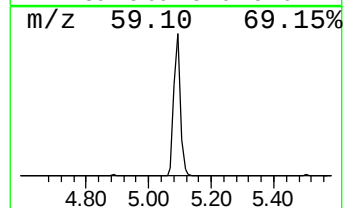
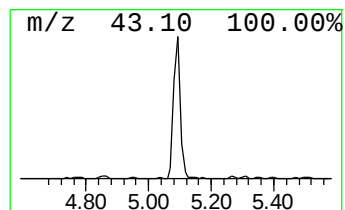
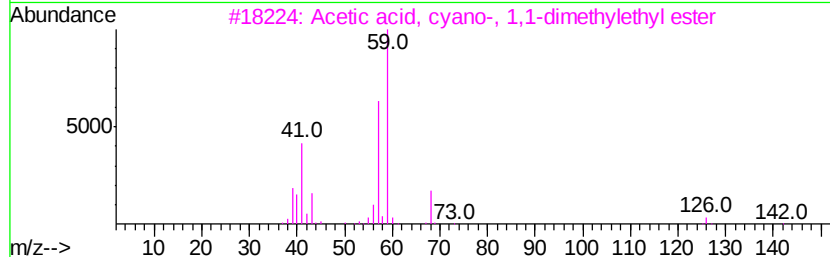
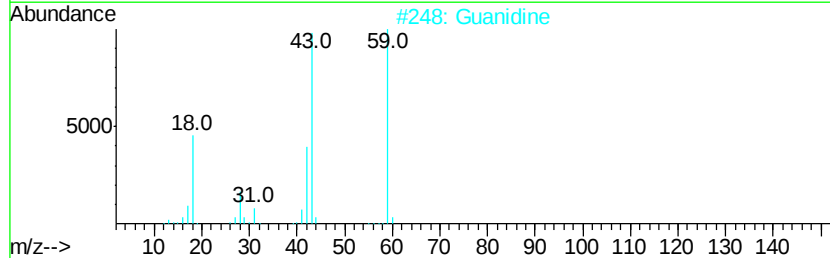
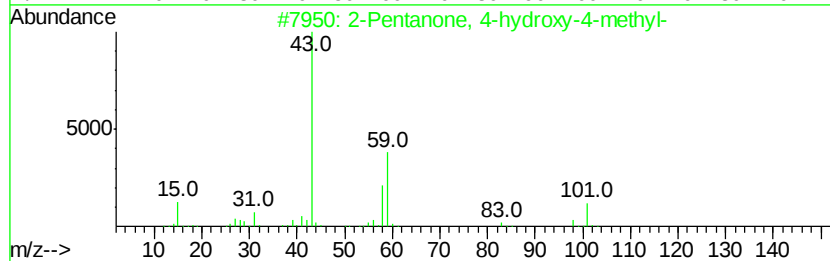
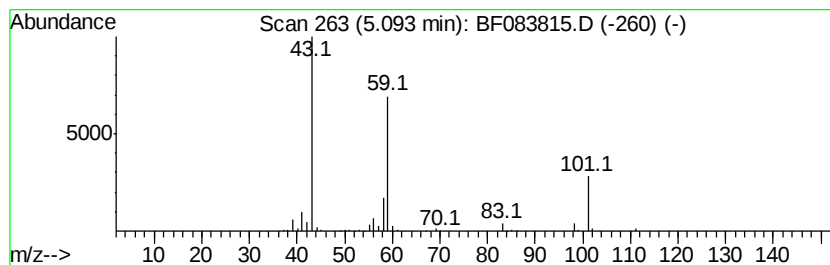
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	12.55 ng	549057	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Guanidine	59	CH5N3	000113-00-8	43
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12



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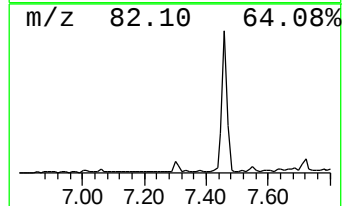
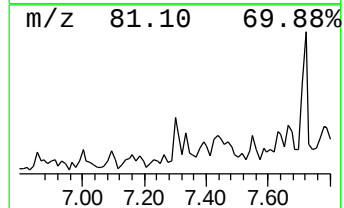
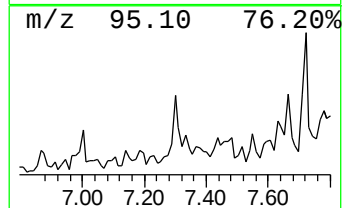
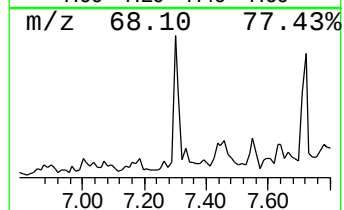
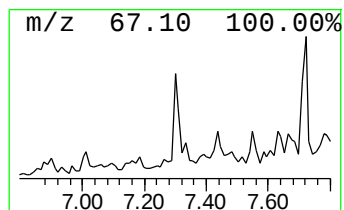
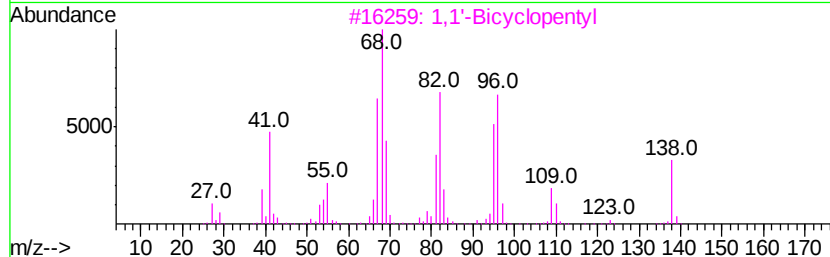
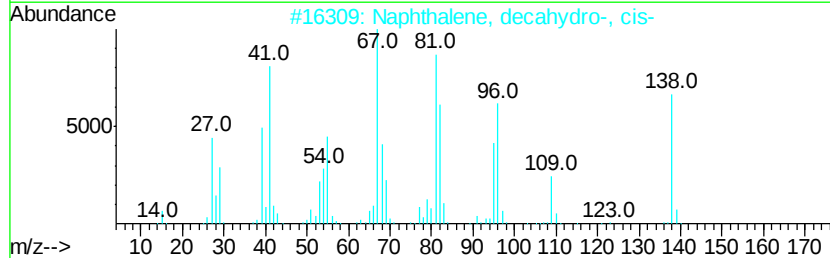
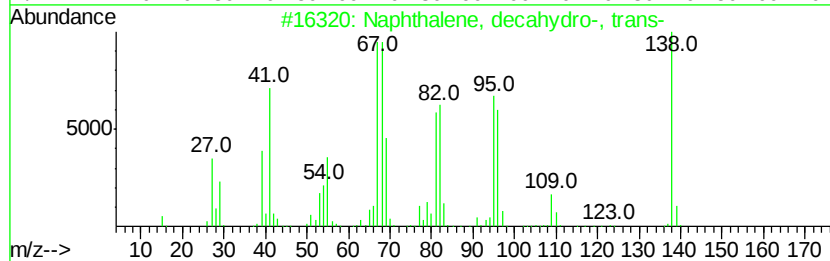
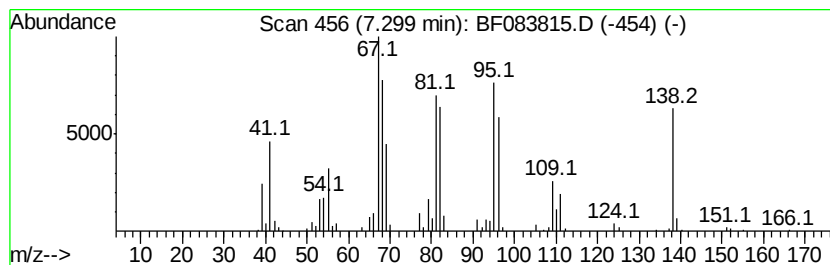
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	11.89 ng	520135	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	83
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	76
4		Spiro[4.5]decane	138	C10H18	000176-63-6	64
5		Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	62



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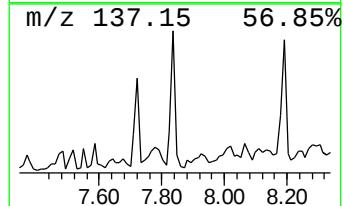
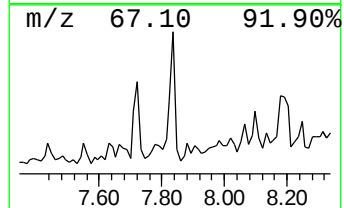
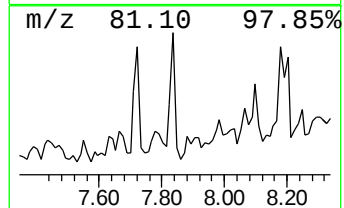
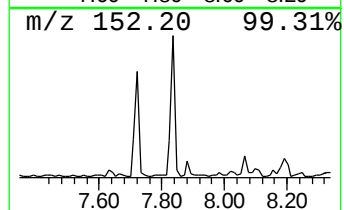
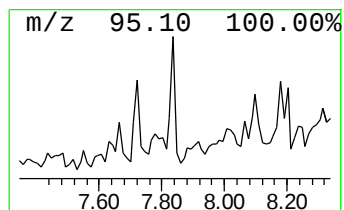
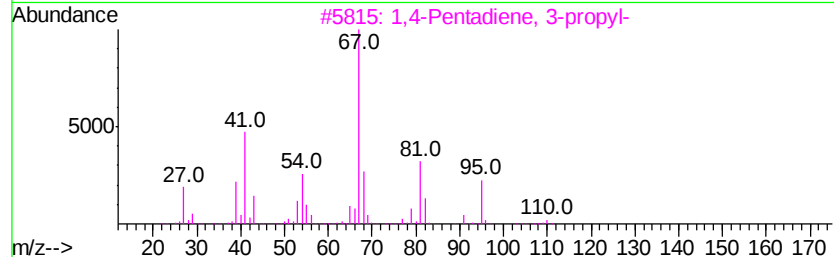
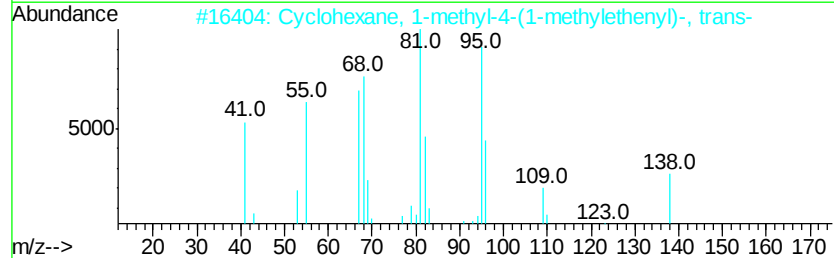
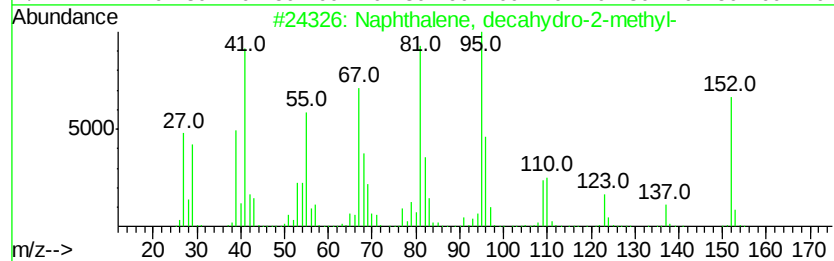
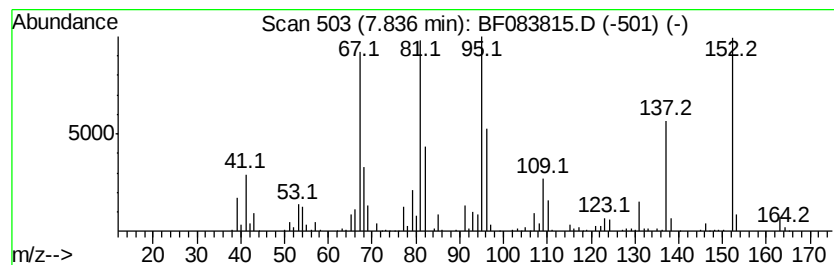
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	16.13 ng	1274480	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
2		Cyclohexane, 1-methyl-4-(1-methyl-...)	138	C10H18	001124-25-0	53
3		1,4-Pentadiene, 3-propyl-	110	C8H14	000996-83-8	53
4		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	52
5		Pulegone	152	C10H16O	000089-82-7	52



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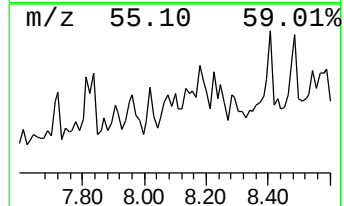
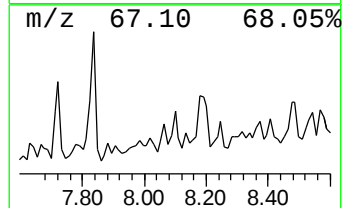
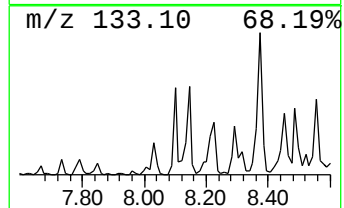
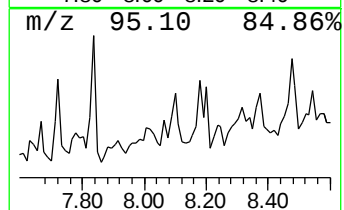
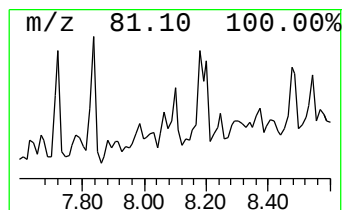
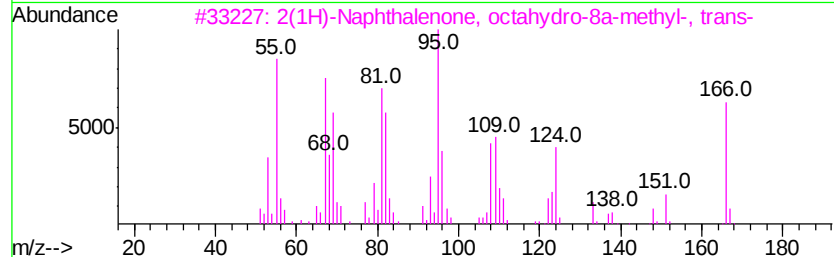
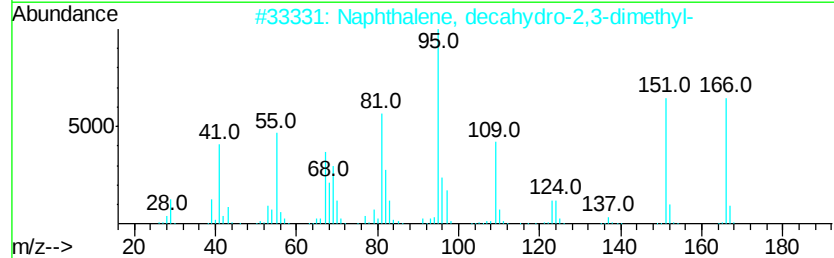
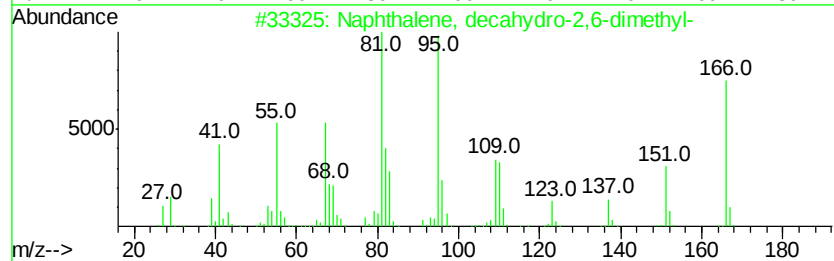
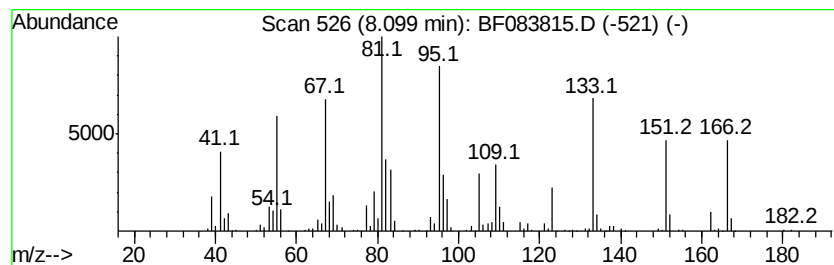
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-2,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	16.58 ng	1310010	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	64
2		Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	60
3		2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	49
4		Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	46
5		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K203-8-10

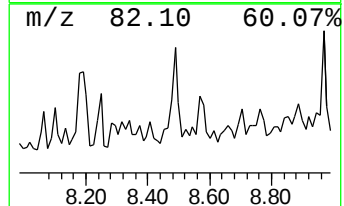
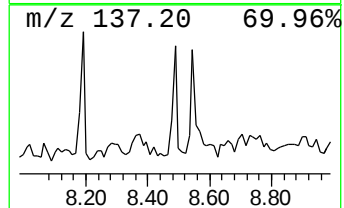
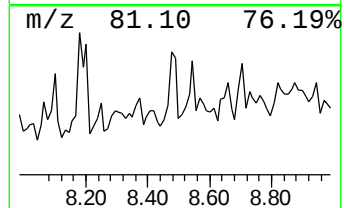
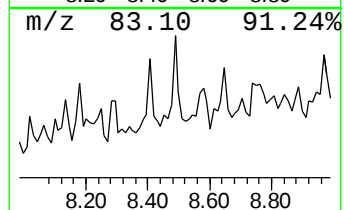
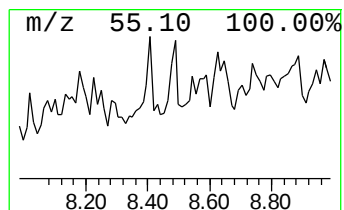
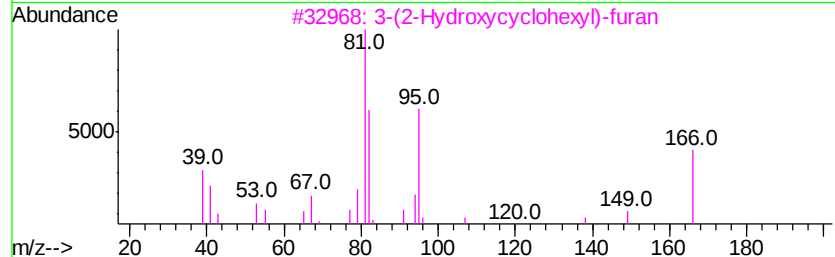
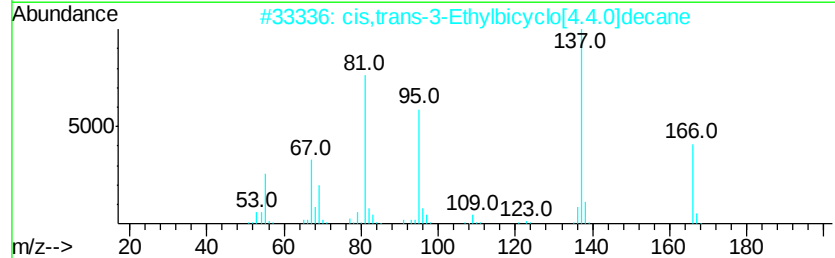
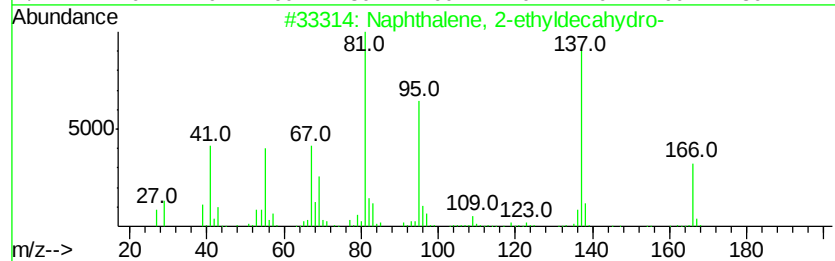
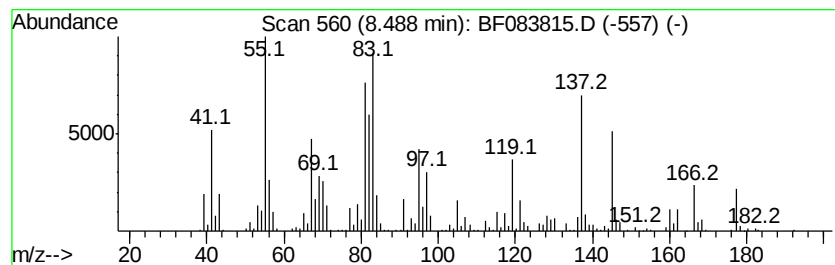
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-ethyldecahydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	13.40 ng	1058390	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	50
2		cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	41
3		3-(2-Hydroxycyclohexyl)-furan	166	C10H14O2	118959-04-9	38
4		cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	35
5		trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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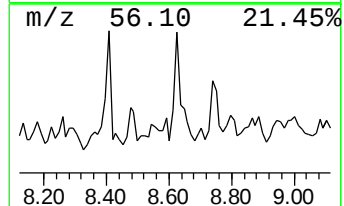
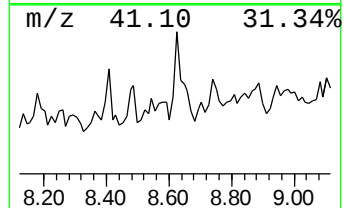
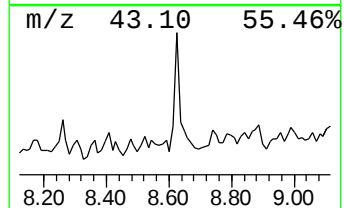
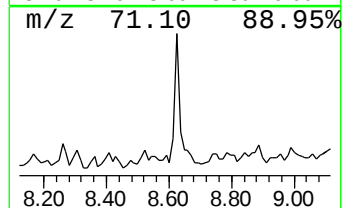
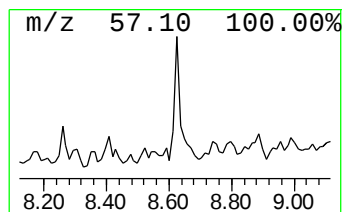
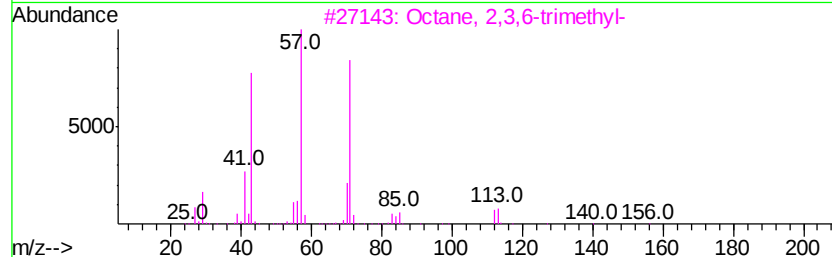
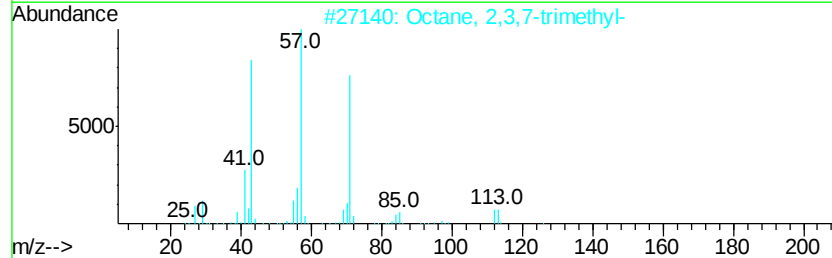
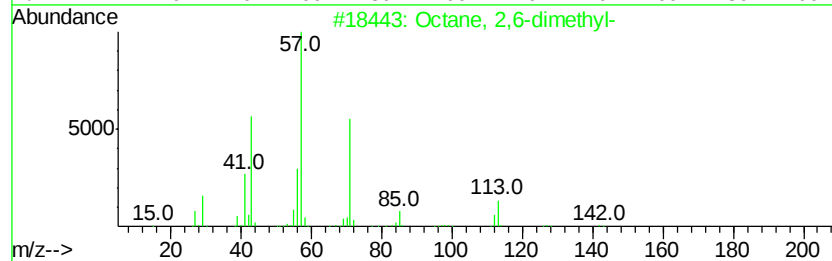
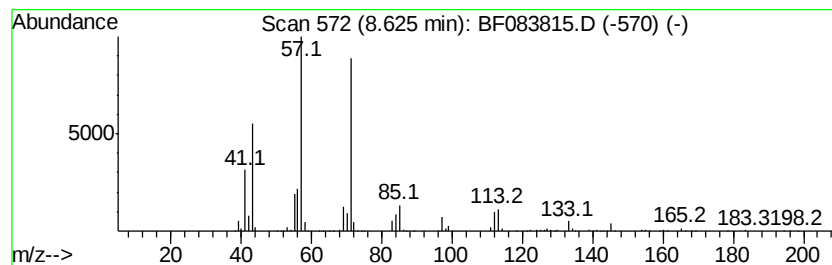
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	21.15 ng	1670650	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K203-8-10

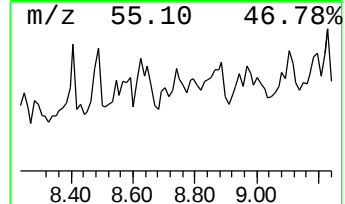
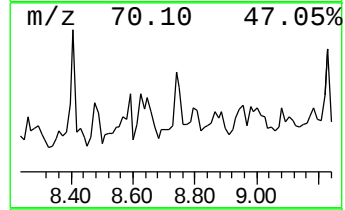
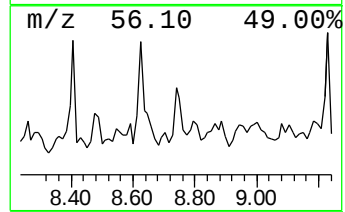
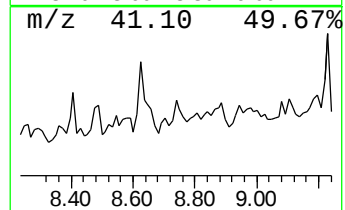
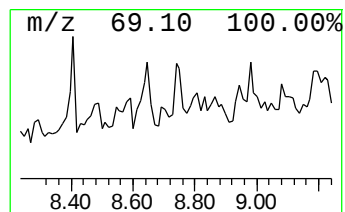
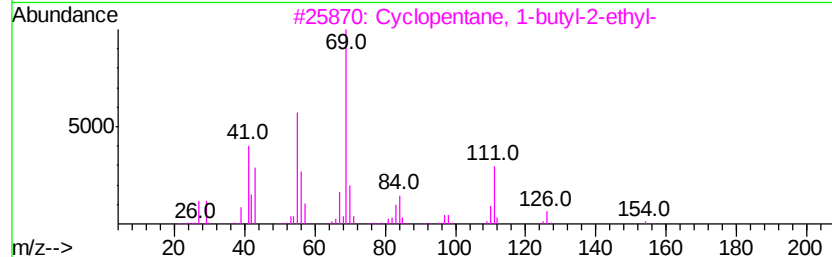
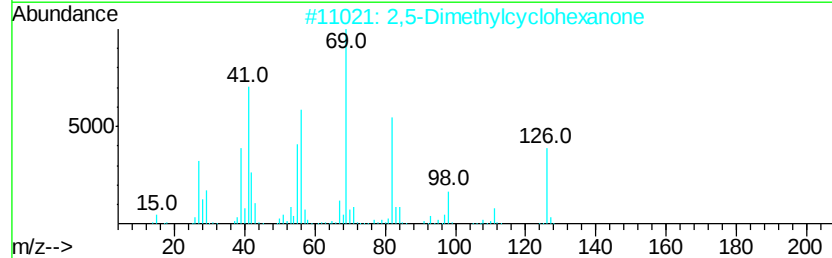
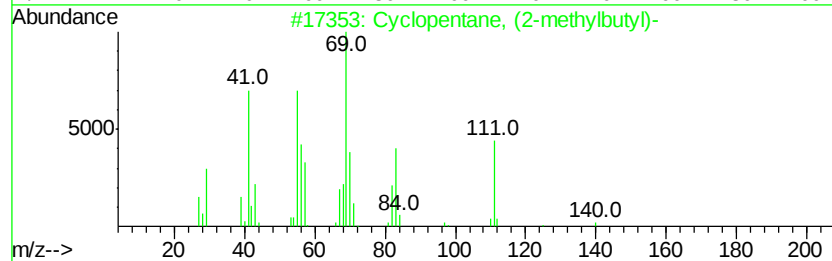
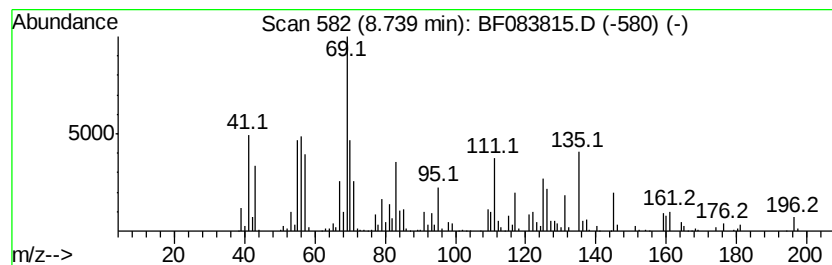
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.74 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	12.40 ng	979283	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
2		2,5-Dimethylcyclohexanone	126	C8H14O	000932-51-4	38
3		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	38
4		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	35
5		trans-2-Methyl-3-octene	126	C9H18	052937-36-7	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
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Instrument :
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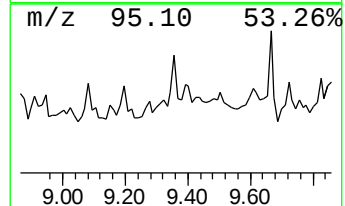
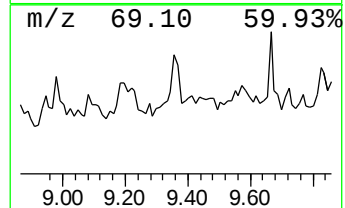
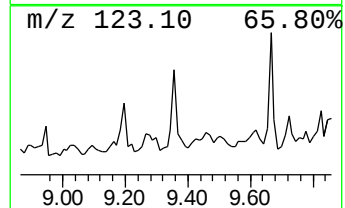
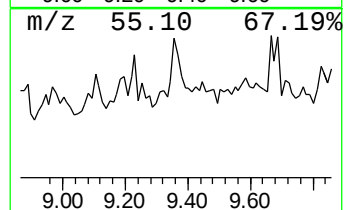
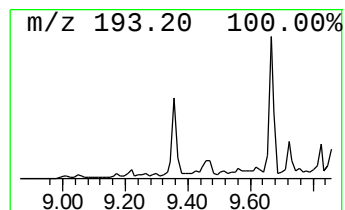
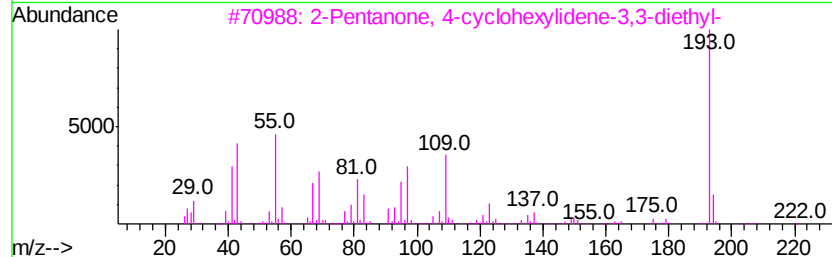
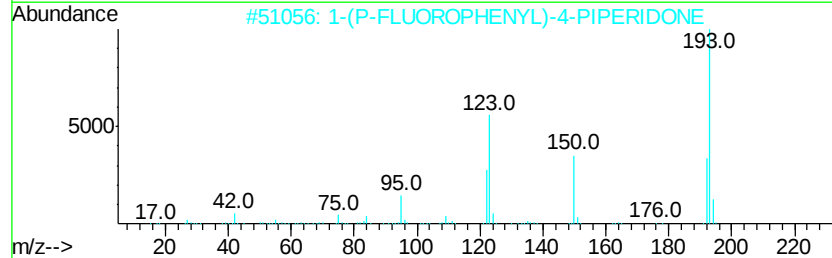
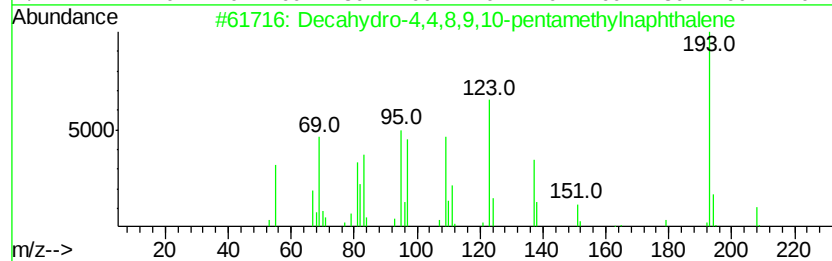
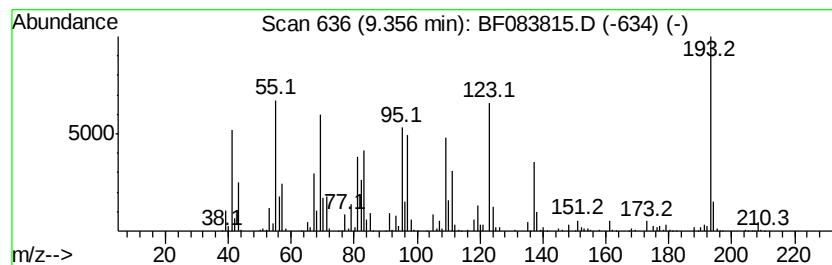
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	15.00 ng	1311470	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FN0	1000238-56-7	38
3		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	35
4		Benzhydrazide, N2-(bicyclo[2.2.1]...	258	C15H15FN2O	1000274-01-8	27
5		Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-98-2	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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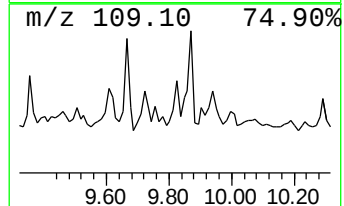
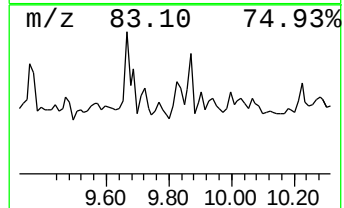
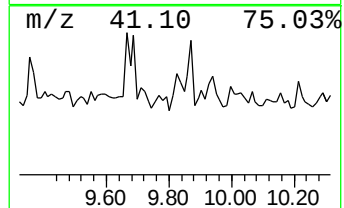
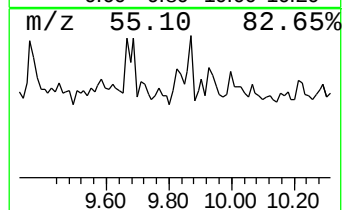
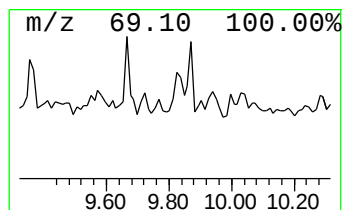
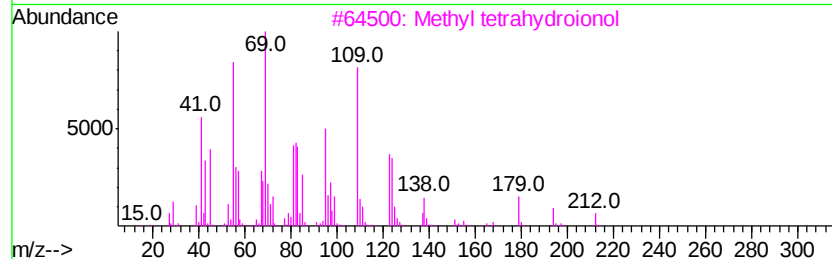
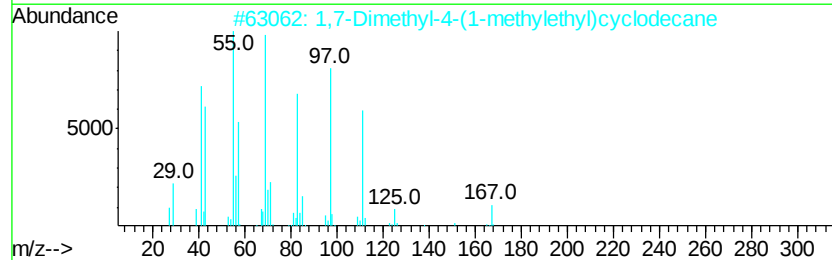
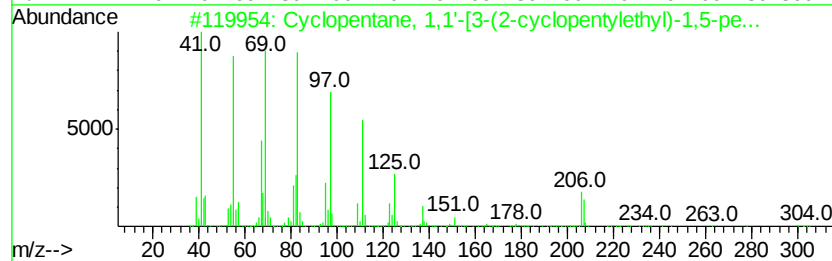
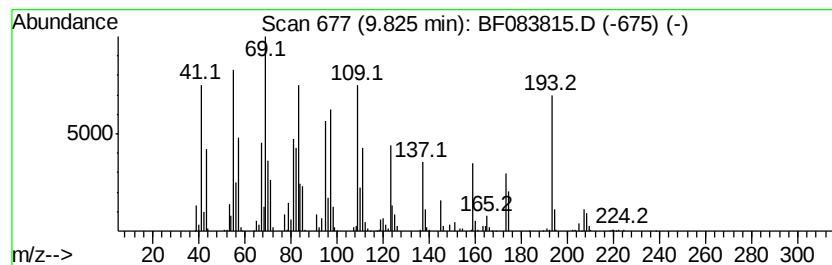
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.82 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	13.44 ng	1175020	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1'-[3-(2-cyclope...	304	C22H40	055255-85-1	46
2		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43
3		Methyl tetrahydroionol	212	C14H28O	060241-53-4	38
4		1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	35
5		Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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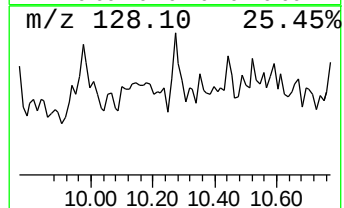
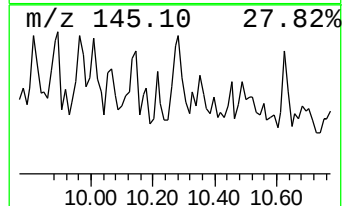
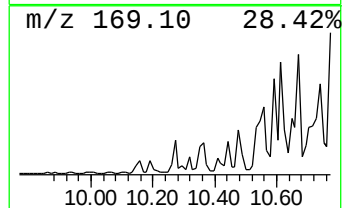
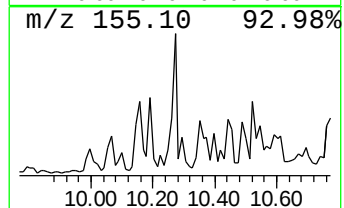
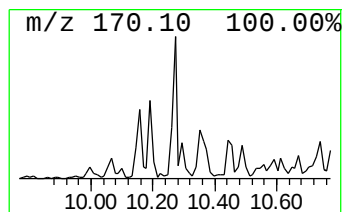
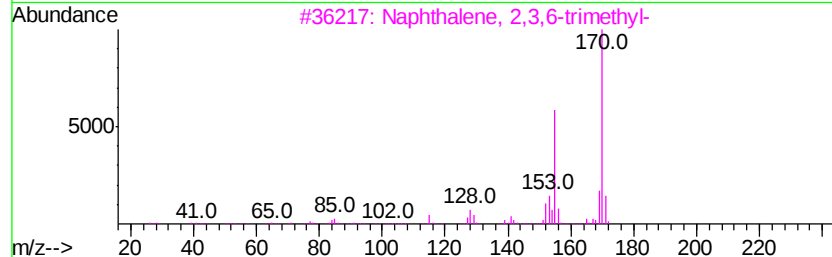
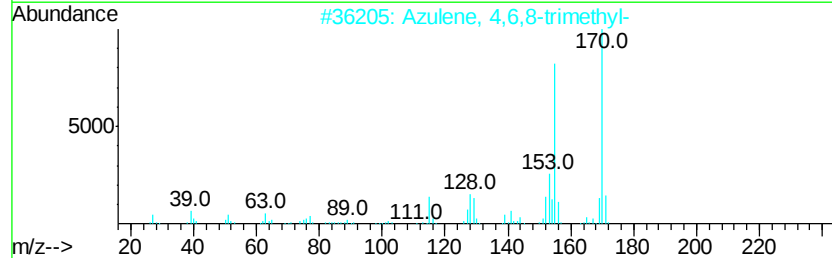
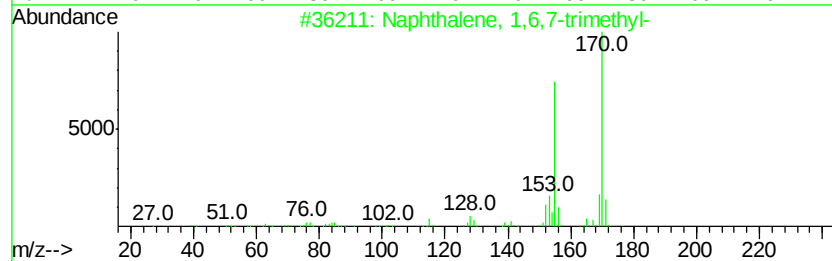
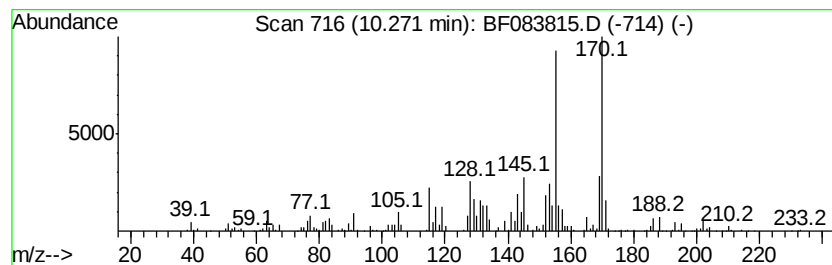
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	15.07 ng	1317340	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K203-8-10

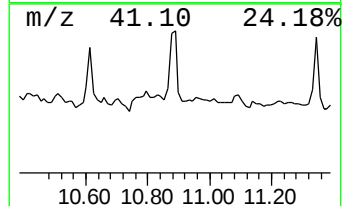
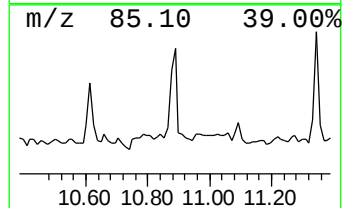
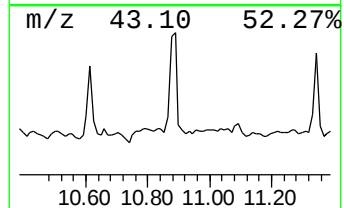
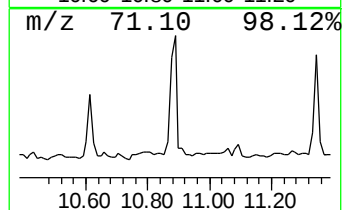
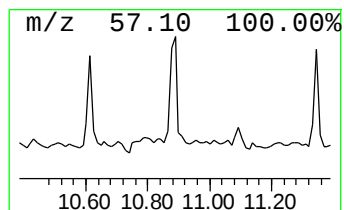
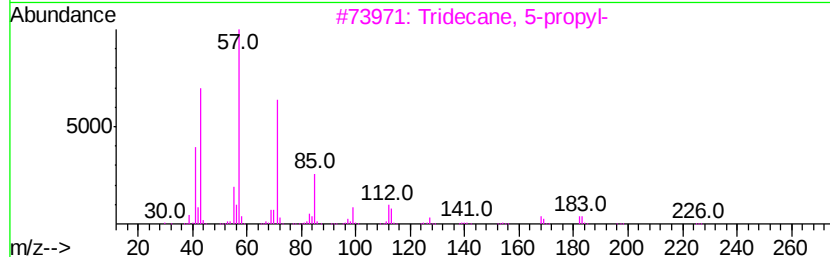
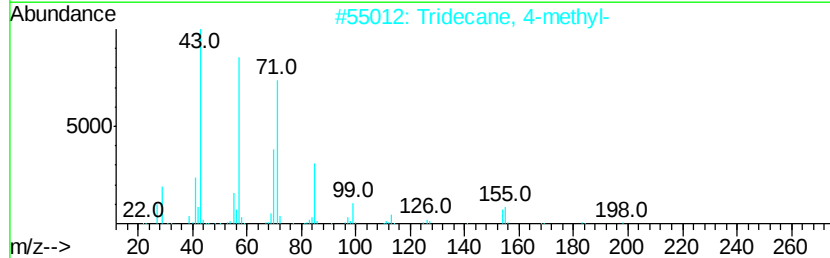
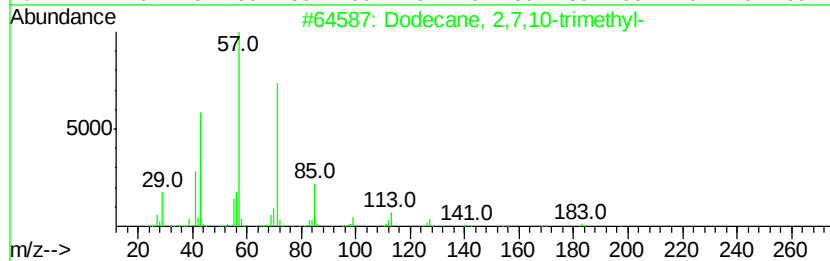
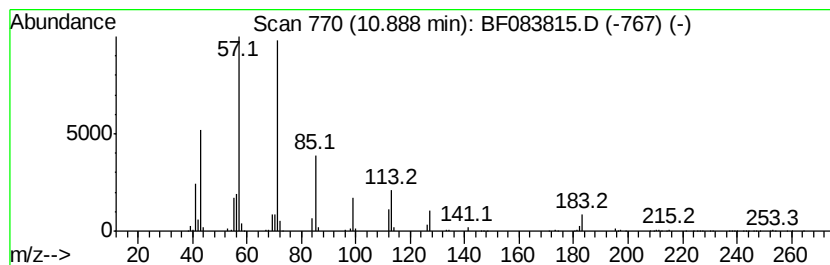
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	67.62 ng	2277470	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
4		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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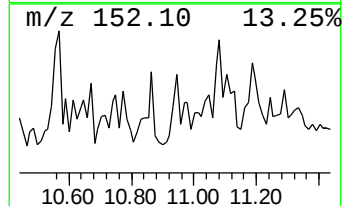
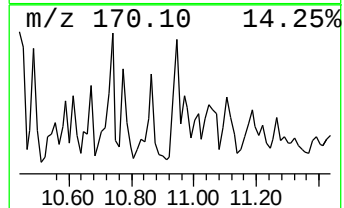
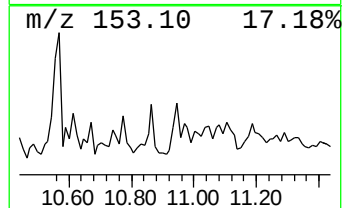
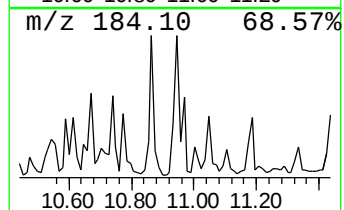
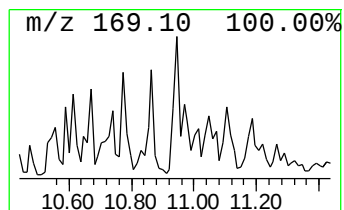
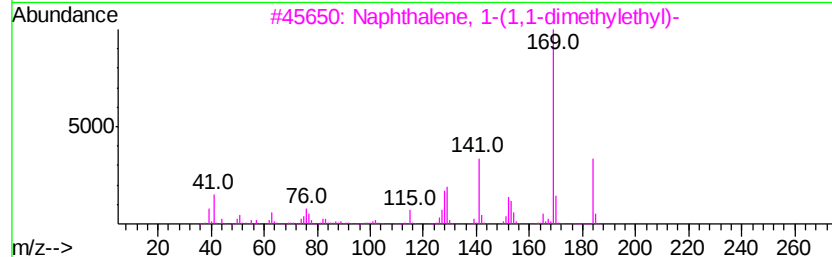
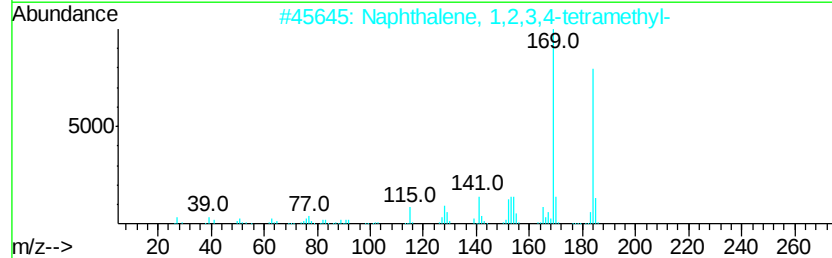
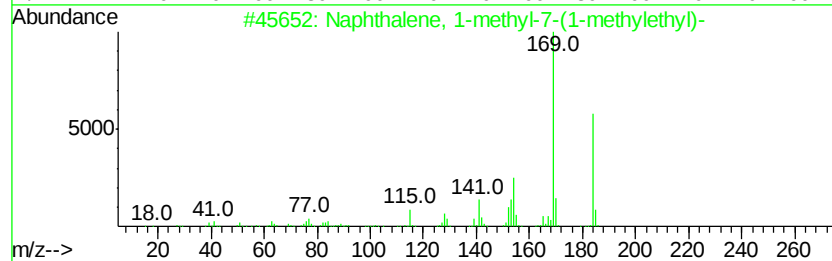
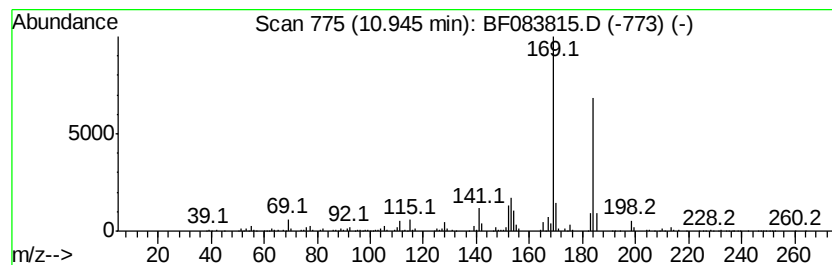
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1-methyl-7-(1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	15.93 ng	536385	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	91
2		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	87
3		Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	80
4		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	80
5		3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
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Instrument :
BNA_F
ClientSampleId :
K203-8-10

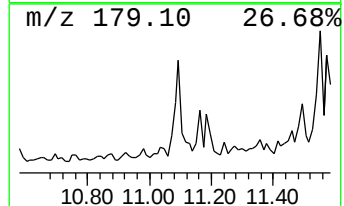
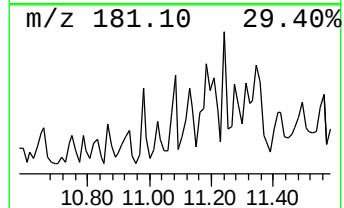
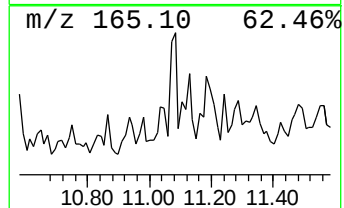
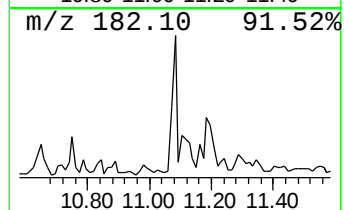
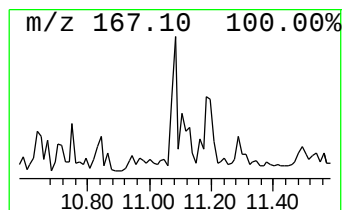
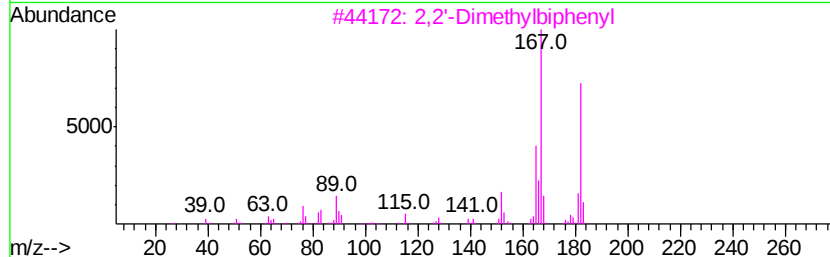
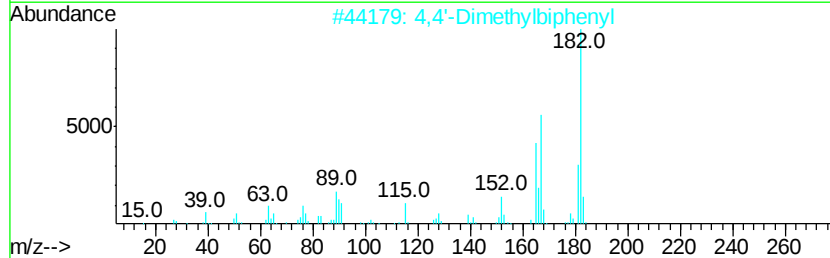
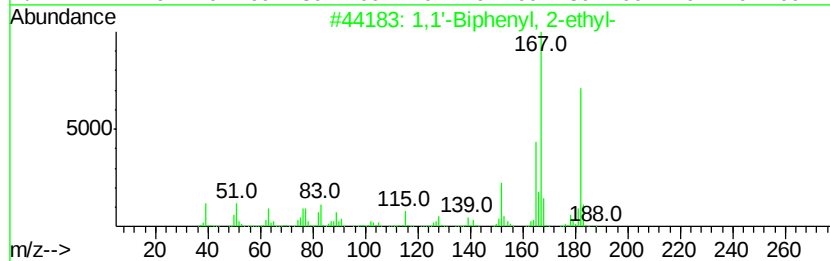
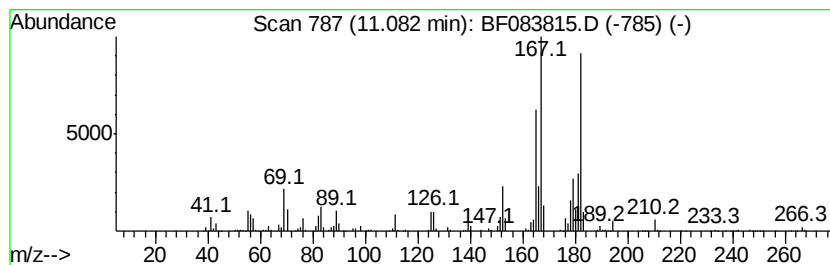
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	53.31 ng	1795660	Phenanthrene-d10	11.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	91
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	76
3			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	76
4			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	76
5			Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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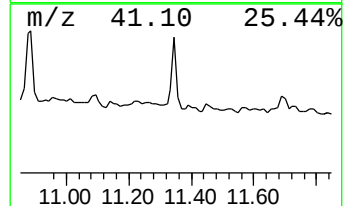
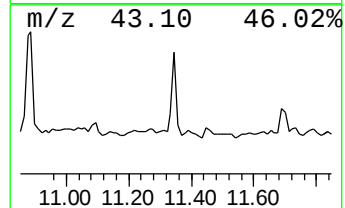
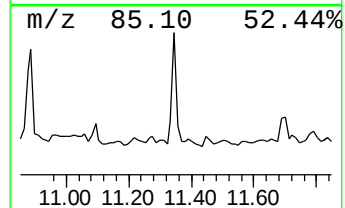
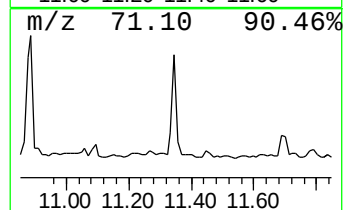
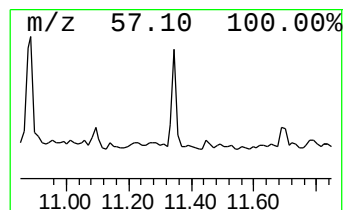
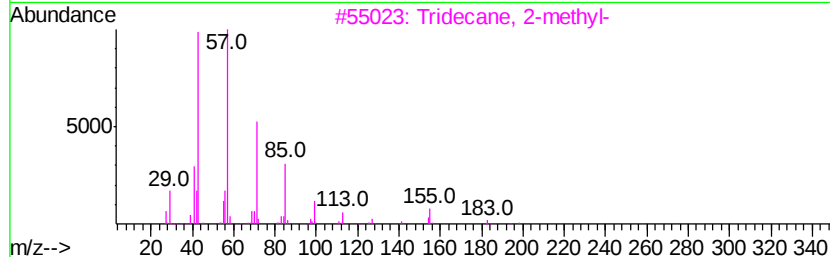
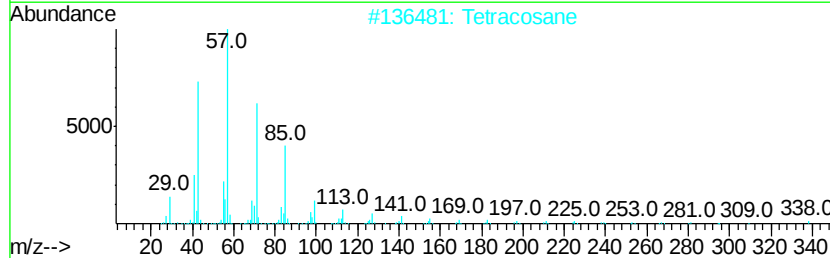
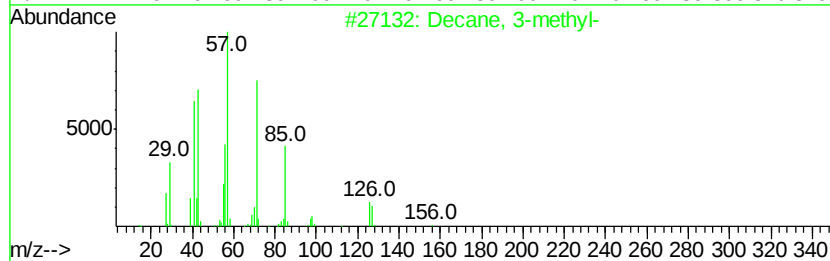
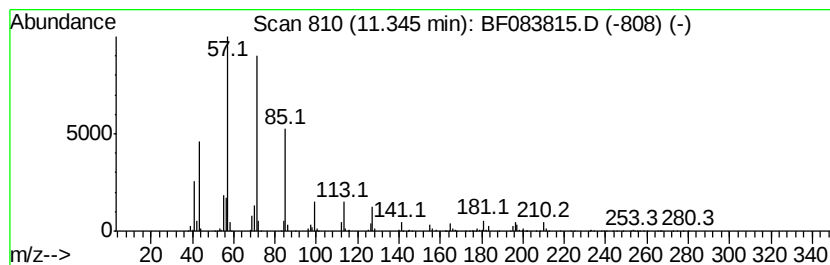
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Decane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	45.33 ng	1526940	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	74
2		Tetracosane	338	C24H50	000646-31-1	72
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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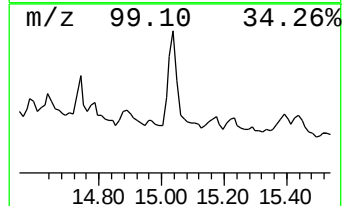
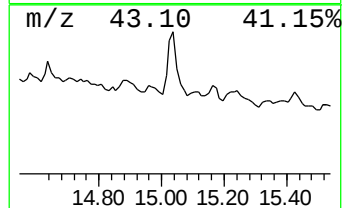
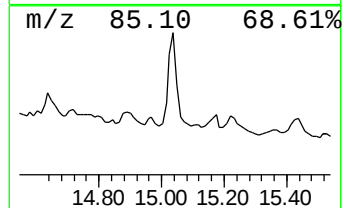
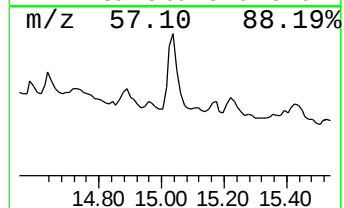
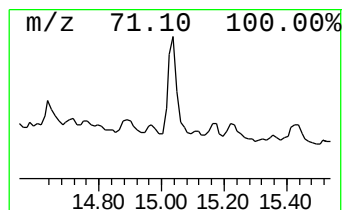
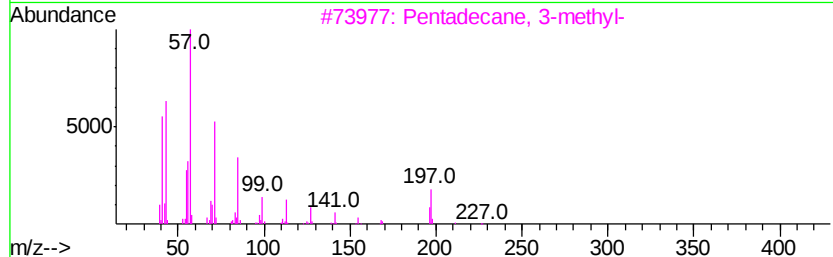
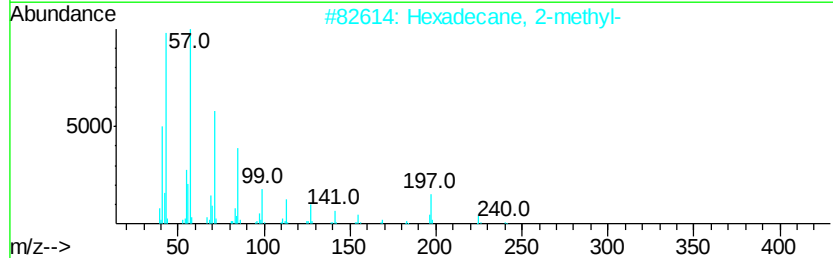
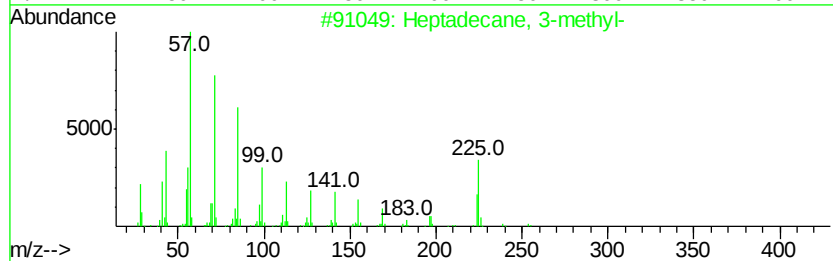
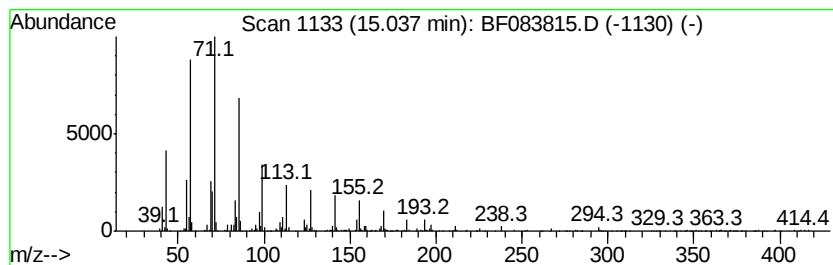
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	19.62 ng	827832	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	86
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	83
3		Pentadecane, 3-methyl-	226	C16H34	002882-96-4	83
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
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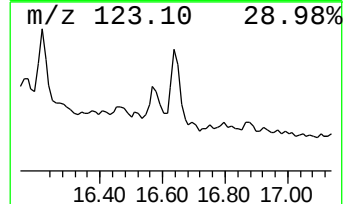
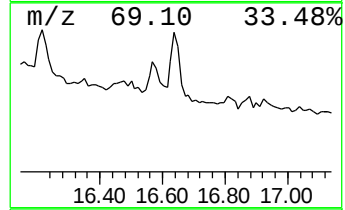
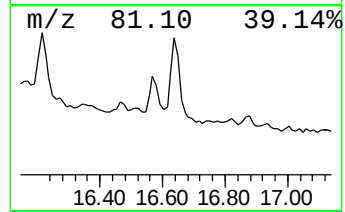
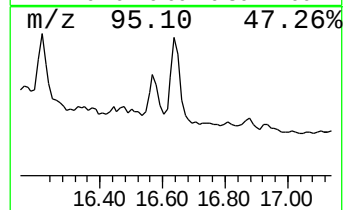
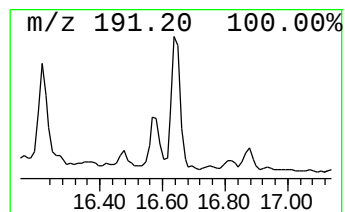
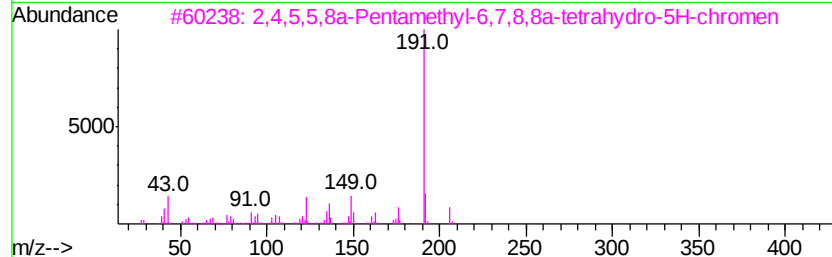
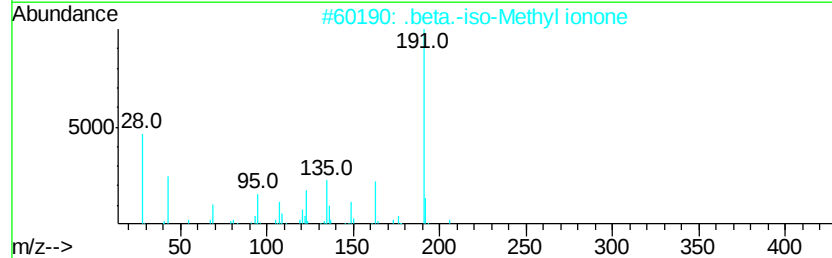
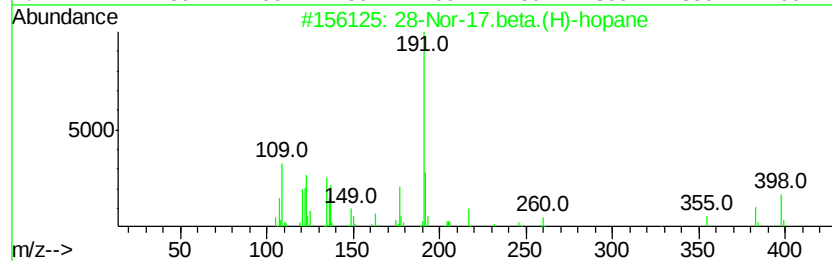
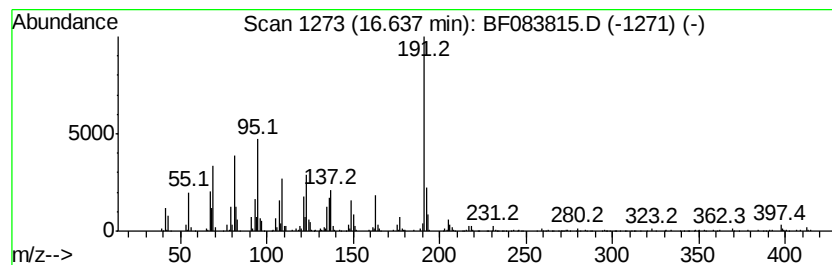
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 28-Nor-17.beta.(H)-hopane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	20.64 ng	870891	Perylene-d12	15.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0 78
2		.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2 58
3		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206 C14H22O	1000195-40-9 47
4		1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5 43
5		Propenamide, 3-(3,4-dimethoxyph...	313 C18H19NO4	339165-72-9 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083815.D
 Acq On : 15 Dec 2015 13:21
 Operator : UM/IZ
 Sample : G4634-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.09	12.6	ng	549057	1	6.90	874702	20.0
Naphthalene, deca...	7.30	11.9	ng	520135	1	6.90	874702	20.0
Naphthalene, deca...	7.84	16.1	ng	1274480	2	8.19	1579850	20.0
Naphthalene, deca...	8.10	16.6	ng	1310010	2	8.19	1579850	20.0
Naphthalene, 2-et...	8.49	13.4	ng	1058390	2	8.19	1579850	20.0
Octane, 2,6-dimet...	8.62	21.1	ng	1670650	2	8.19	1579850	20.0
unknown8.74	8.74	12.4	ng	979283	2	8.19	1579850	20.0
Decahydro-4,4,8,9...	9.36	15.0	ng	1311470	3	9.95	1748660	20.0
unknown9.82	9.82	13.4	ng	1175020	3	9.95	1748660	20.0
Naphthalene, 1,6,...	10.27	15.1	ng	1317340	3	9.95	1748660	20.0
Dodecane, 2,7,10-...	10.89	67.6	ng	2277470	4	11.44	673637	20.0
Naphthalene, 1-me...	10.94	15.9	ng	536385	4	11.44	673637	20.0
1,1'-Biphenyl, 2-...	11.08	53.3	ng	1795660	4	11.44	673637	20.0
Decane, 3-methyl-	11.35	45.3	ng	1526940	4	11.44	673637	20.0
Heptadecane, 3-me...	15.04	19.6	ng	827832	6	15.51	843737	20.0
28-Nor-17.beta.(H...	16.64	20.6	ng	870891	6	15.51	843737	20.0