

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087173.D
 Acq On : 19 May 2016 6:16
 Operator : UM/SJ
 Sample : H3105-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-06RR

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-BF051716.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	1.713	9	11	68	rVB	4609090	10367801	100.00%	20.076%
2	4.684	270	271	285	rBV	441848	820390	7.91%	1.589%
3	5.164	310	313	322	rBV	1834953	2161718	20.85%	4.186%
4	5.564	346	348	354	rVB	195678	217399	2.10%	0.421%
5	6.239	405	407	414	rBV	1267429	1433649	13.83%	2.776%
6	6.353	414	417	419	rBV	3231550	3840043	37.04%	7.436%
7	6.513	428	431	434	rBV2	86442	166230	1.60%	0.322%
8	6.570	434	436	440	rVB	603352	861061	8.31%	1.667%
9	6.730	448	450	453	rBV	3353518	3196517	30.83%	6.190%
10	6.833	457	459	464	rVB2	112293	143092	1.38%	0.277%
11	7.119	480	484	485	rBV2	148200	195965	1.89%	0.379%
12	7.153	485	487	491	rVV	2824891	2986432	28.80%	5.783%
13	7.233	491	494	496	rVV2	188062	278263	2.68%	0.539%
14	7.267	496	497	499	rVV	140141	149307	1.44%	0.289%
15	7.359	501	505	506	rVV3	128194	264407	2.55%	0.512%
16	7.382	506	507	509	rVV	279660	233951	2.26%	0.453%
17	7.519	516	519	521	rBV2	235317	296536	2.86%	0.574%
18	7.553	521	522	524	rVB2	112922	104802	1.01%	0.203%
19	7.599	524	526	528	rVB	230245	226257	2.18%	0.438%
20	7.679	531	533	537	rBV3	95169	136913	1.32%	0.265%
21	7.827	542	546	547	rBV3	132170	274879	2.65%	0.532%
22	7.862	547	549	550	rVV	1385123	1325238	12.78%	2.566%
23	7.907	552	553	555	rVV	297130	420496	4.06%	0.814%
24	7.942	555	556	559	rVB2	164780	263235	2.54%	0.510%
25	7.999	559	561	562	rBV	122310	132645	1.28%	0.257%
26	8.056	565	566	569	rBV2	142419	195295	1.88%	0.378%
27	8.102	569	570	572	rVB	114726	151785	1.46%	0.294%
28	8.148	572	574	577	rVB3	156612	220607	2.13%	0.427%
29	8.250	581	583	586	rVB	223183	277294	2.67%	0.537%
30	8.296	586	587	589	rBV2	99040	186148	1.80%	0.360%
31	8.330	589	590	595	rVB	142419	146658	1.41%	0.284%
32	8.433	596	599	600	rVB2	72741	118908	1.15%	0.230%
33	8.468	600	602	603	rBV2	58057	107801	1.04%	0.209%
34	8.525	603	607	608	rVB2	355141	360690	3.48%	0.698%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	8.559	608	610	612	rVB2	176181	200460	1.93%	0.388%
36	8.673	616	620	622	rBV3	162614	372349	3.59%	0.721%
37	8.776	626	629	633	rBV4	107305	332733	3.21%	0.644%
38	8.902	636	640	641	rBV2	138129	215487	2.08%	0.417%
39	8.948	641	644	646	rBV	4740995	4743868	45.76%	9.186%
40	9.085	653	656	658	rBV2	127698	233944	2.26%	0.453%
41	9.142	660	661	663	rVB	120414	113819	1.10%	0.220%
42	9.210	665	667	668	rBV2	91859	119486	1.15%	0.231%
43	9.279	668	673	675	rVV	249495	365647	3.53%	0.708%
44	9.348	677	679	681	rVV	312497	313190	3.02%	0.606%
45	9.405	681	684	687	rVB2	264588	525910	5.07%	1.018%
46	9.473	688	690	692	rBV	183168	164917	1.59%	0.319%
47	9.611	699	702	704	rBV	1312890	1221679	11.78%	2.366%
48	9.656	704	706	708	rVV2	170444	205167	1.98%	0.397%
49	9.816	717	720	722	rVV3	202838	276825	2.67%	0.536%
50	9.851	722	723	725	rVV	88925	120422	1.16%	0.233%
51	9.931	728	730	732	rBV	225318	252313	2.43%	0.489%
52	10.011	735	737	742	rVB2	94702	244099	2.35%	0.473%
53	10.148	748	749	753	rVB3	112407	154301	1.49%	0.299%
54	10.399	768	771	774	rBV	2533577	2670697	25.76%	5.172%
55	10.536	780	783	786	rVB	68638	121153	1.17%	0.235%
56	11.085	829	831	835	rBV	1142356	982141	9.47%	1.902%
57	12.674	967	970	972	rBV	3521213	3872106	37.35%	7.498%
58	13.714	1058	1061	1063	rBV	585684	756210	7.29%	1.464%
59	15.062	1176	1179	1189	rBV	649039	800523	7.72%	1.550%

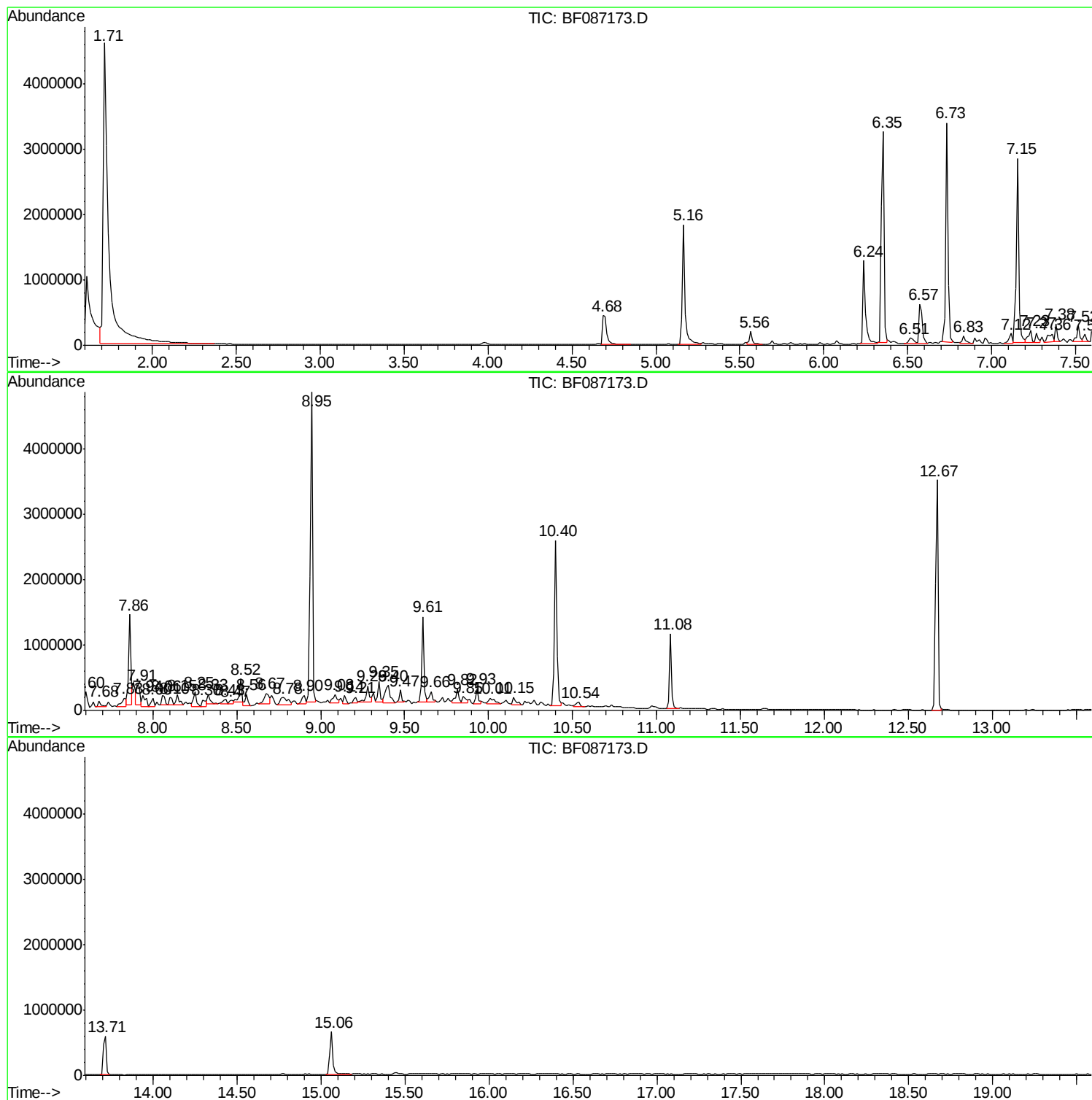
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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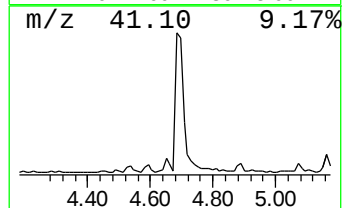
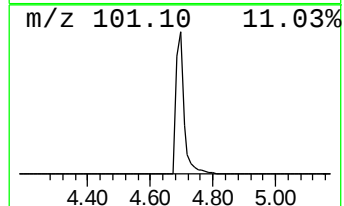
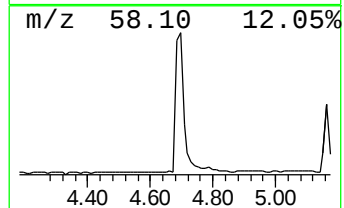
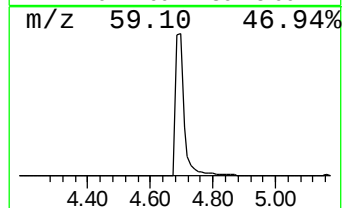
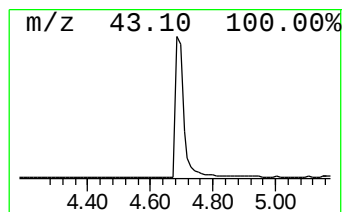
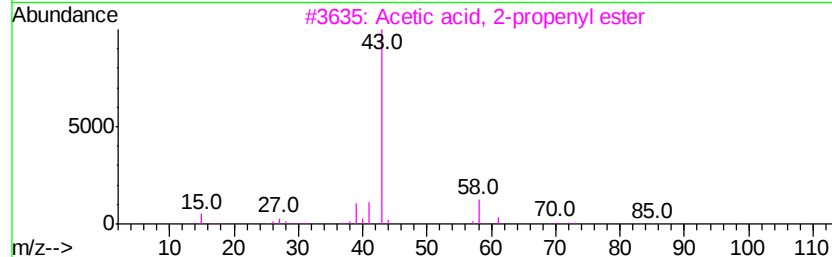
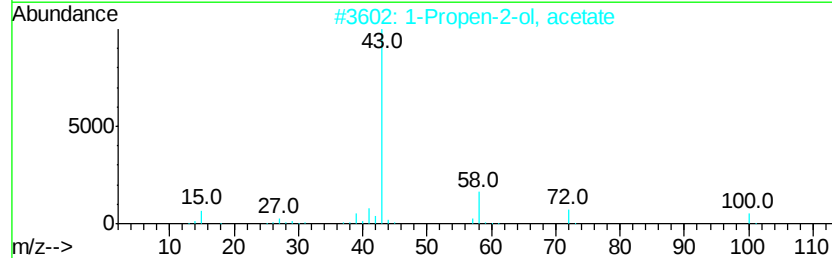
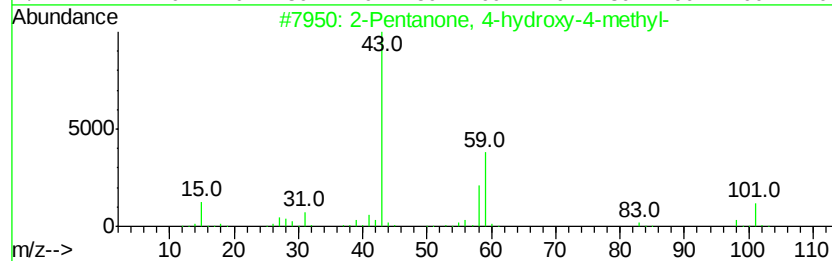
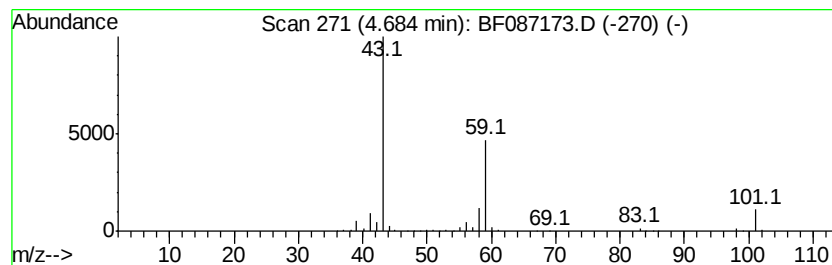
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	19.06 ng	820390	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3		Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9
4		dl-4-Amino-3-hydroxybutyric acid	119	C4H9NO3	000352-21-6	9
5		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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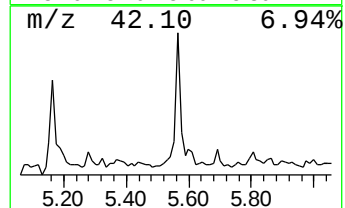
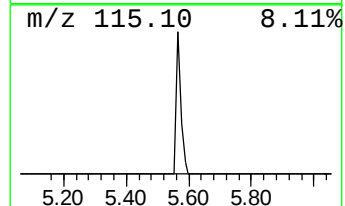
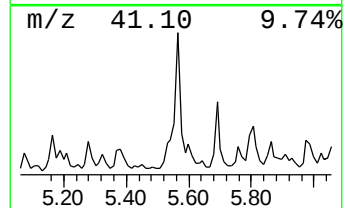
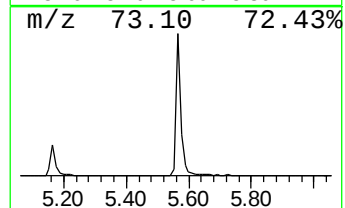
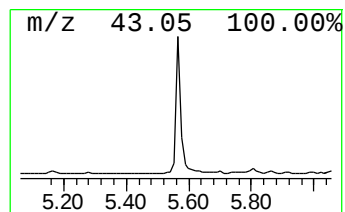
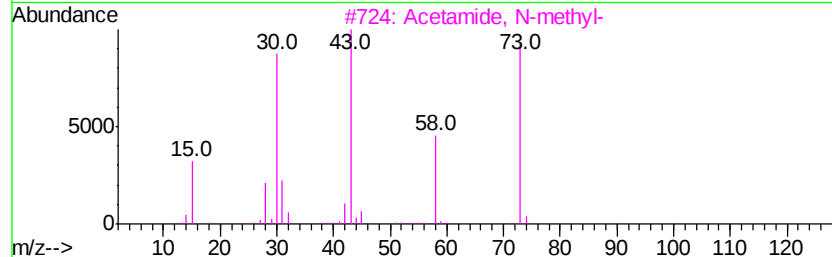
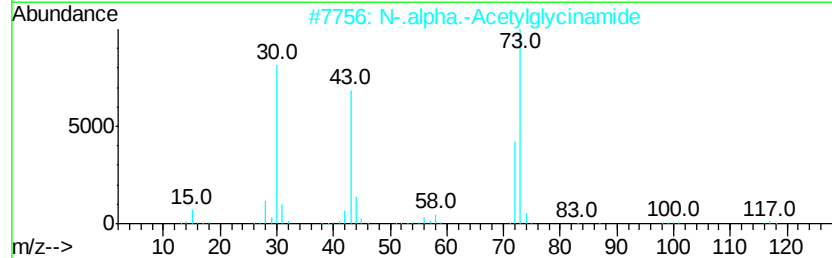
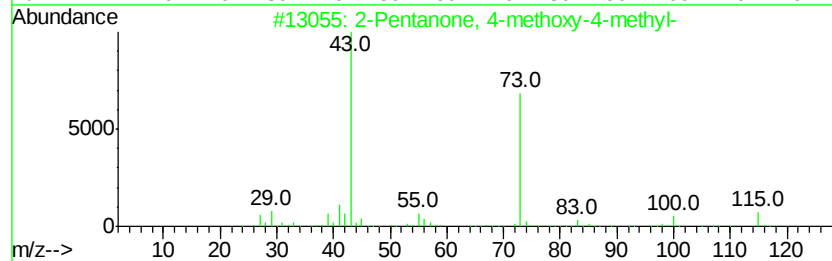
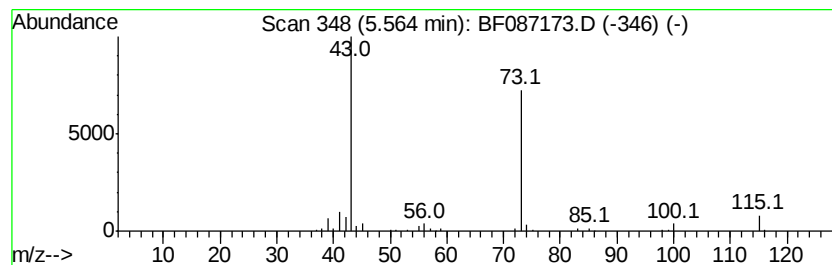
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	5.05 ng	217399	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2		N-.alpha.-Acetylglucineamide	116	C4H8N2O2	002620-63-5	43
3		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
4		1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17



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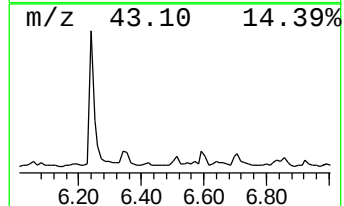
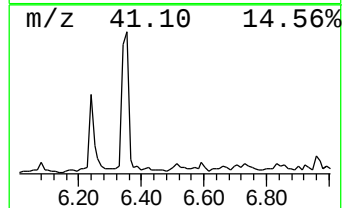
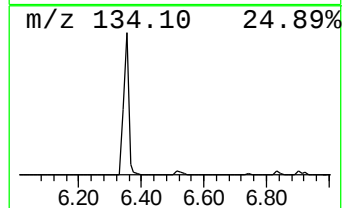
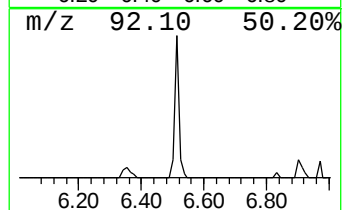
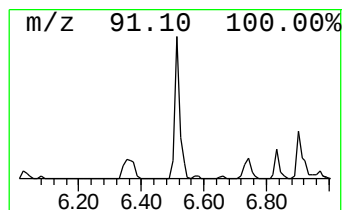
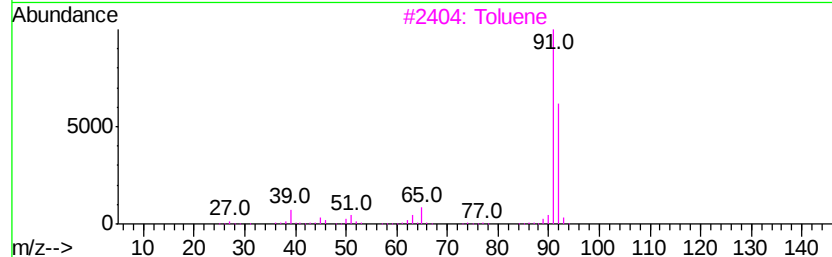
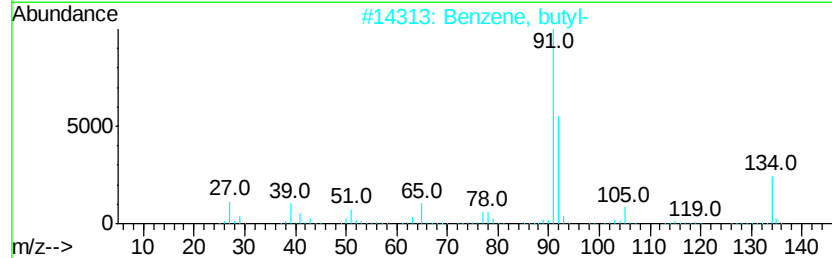
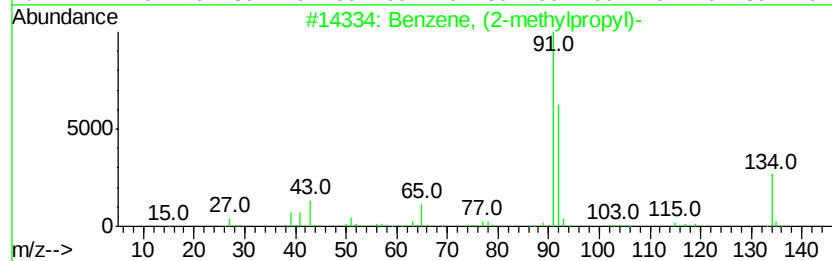
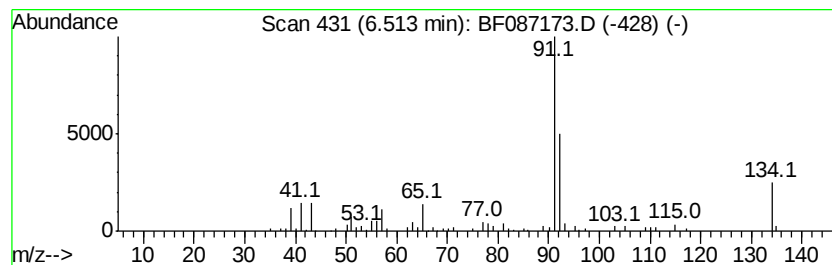
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, (2-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	3.86 ng	166230	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	81
2		Benzene, butyl-	134	C10H14	000104-51-8	74
3		Toluene	92	C7H8	000108-88-3	53
4		Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	49
5		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	49



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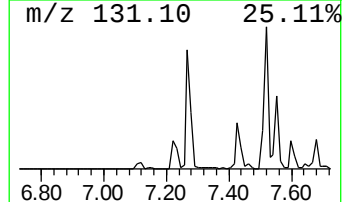
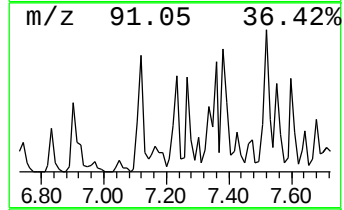
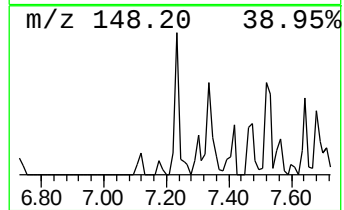
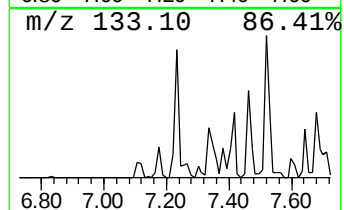
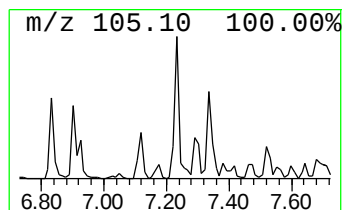
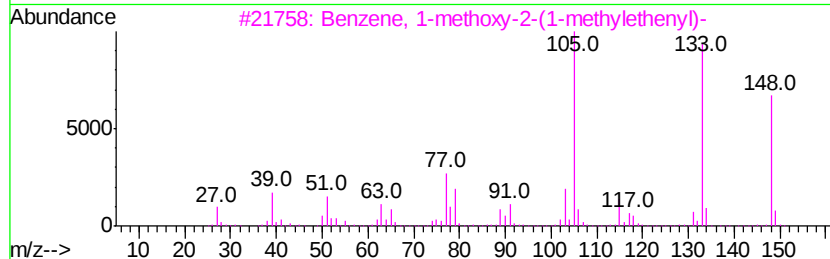
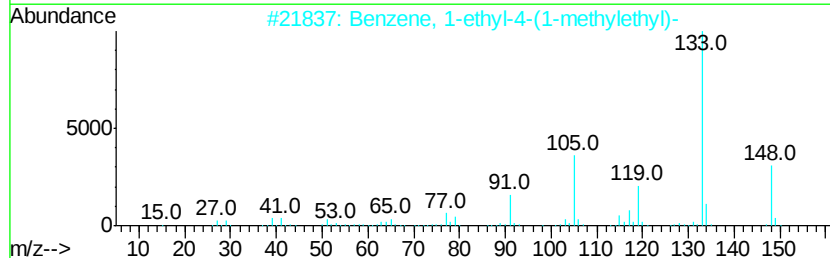
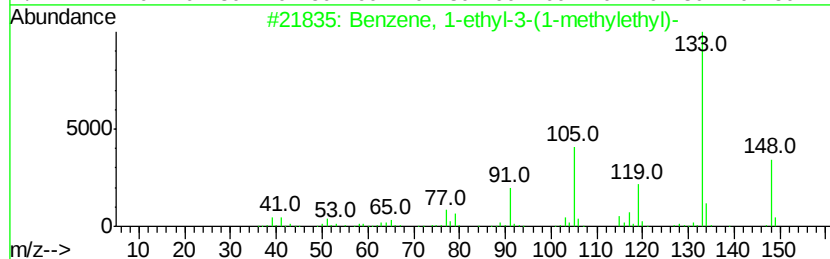
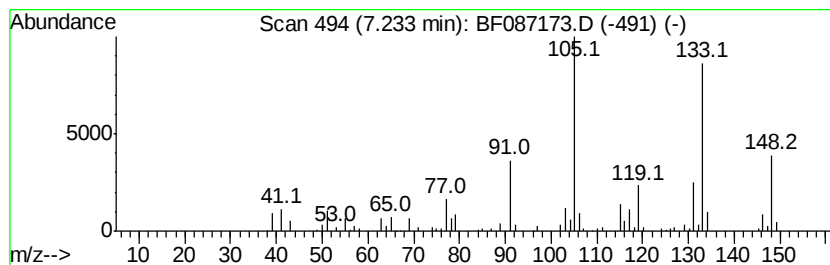
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	4.20 ng	278263	Naphthalene-d8	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	93
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
3			Benzene, 1-methoxy-2-(1-methylethyl)-	148	C10H12O	010278-02-1	74
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	68
5			2-tert-Butyltoluene	148	C11H16	001074-92-6	68



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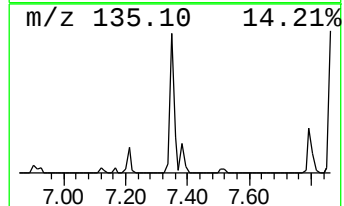
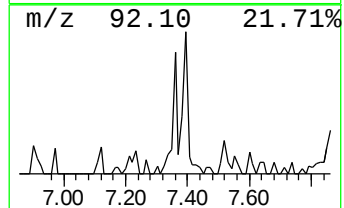
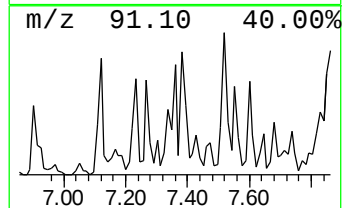
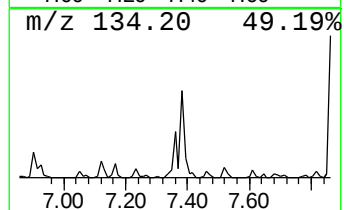
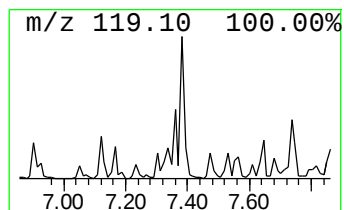
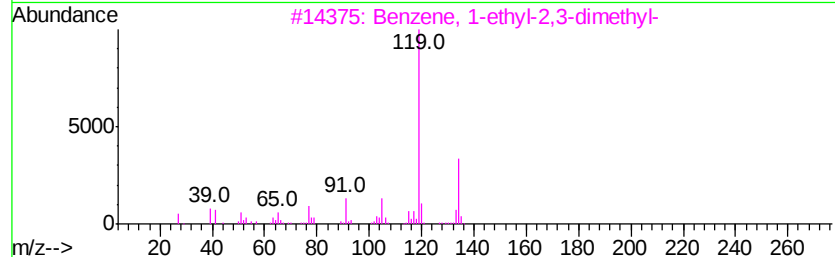
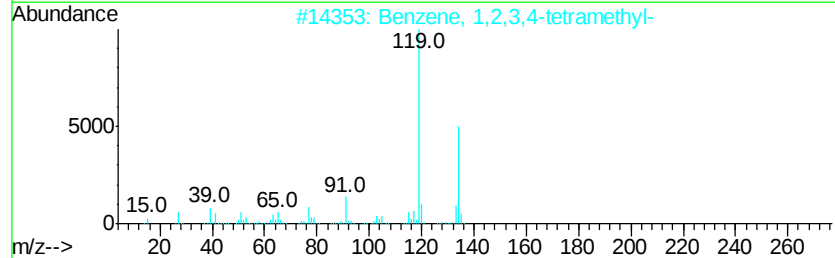
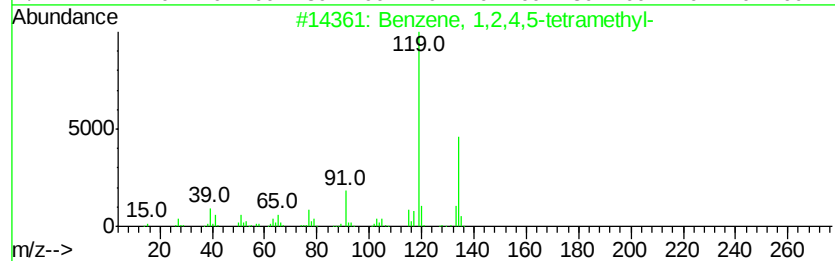
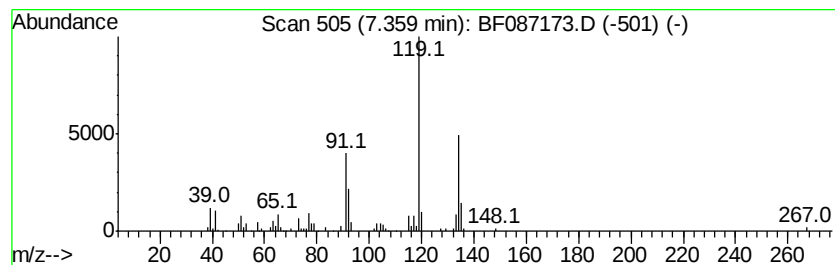
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	3.99 ng	264407	Naphthalene-d8	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087173.D
Acq On : 19 May 2016 6:16
Operator : UM/SJ
Sample : H3105-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-06RR

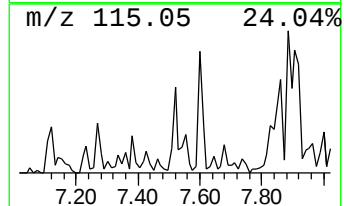
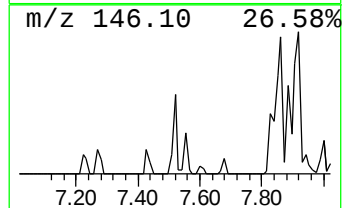
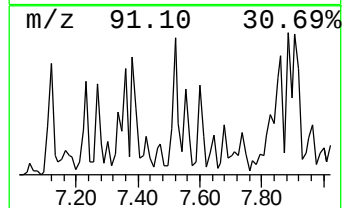
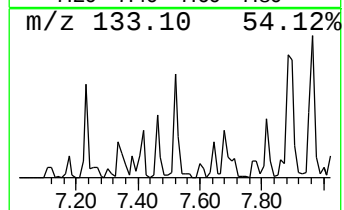
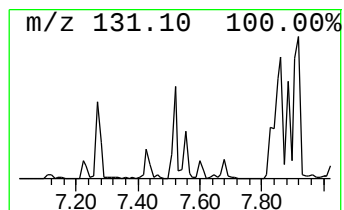
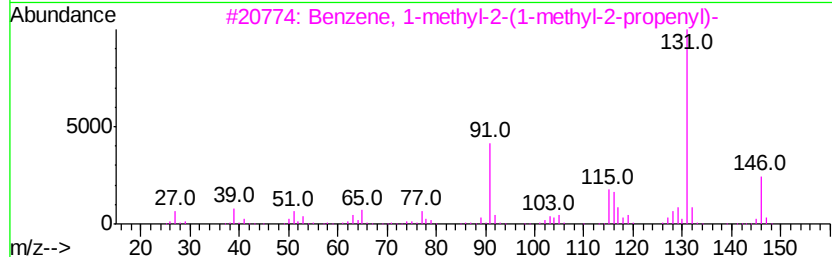
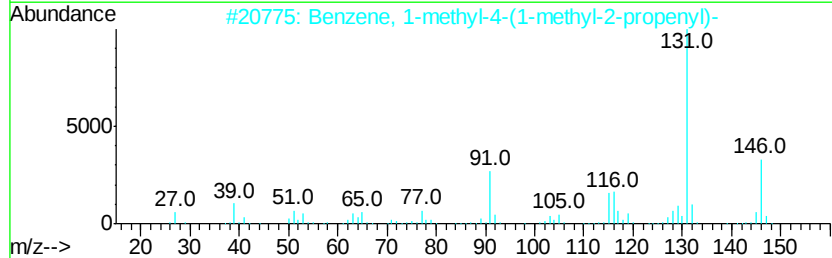
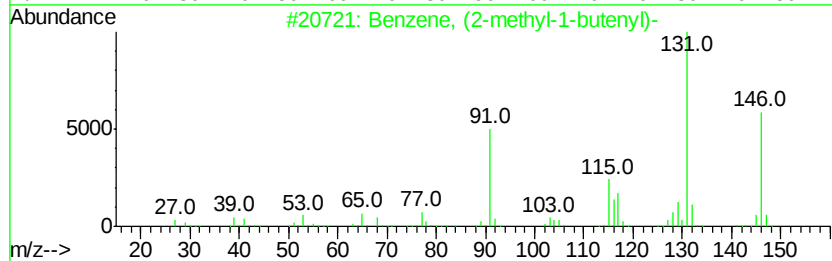
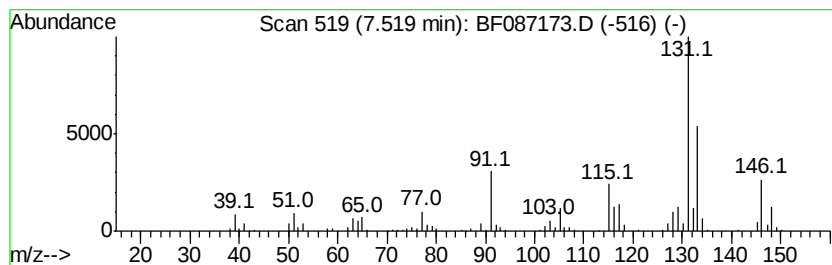
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, (2-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	4.48 ng	296536	Naphthalene-d8	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	96
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	92
3		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	92
4		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	89
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087173.D
Acq On : 19 May 2016 6:16
Operator : UM/SJ
Sample : H3105-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-06RR

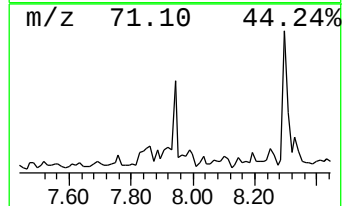
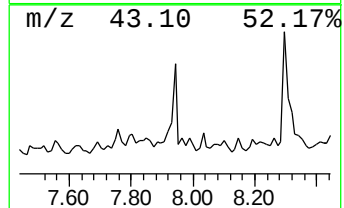
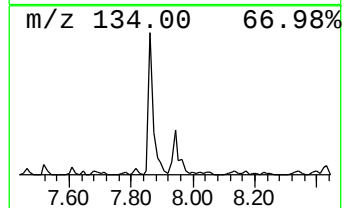
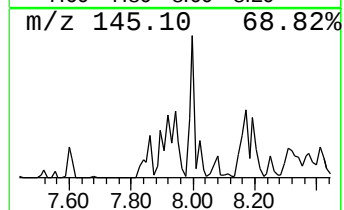
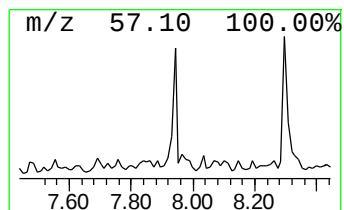
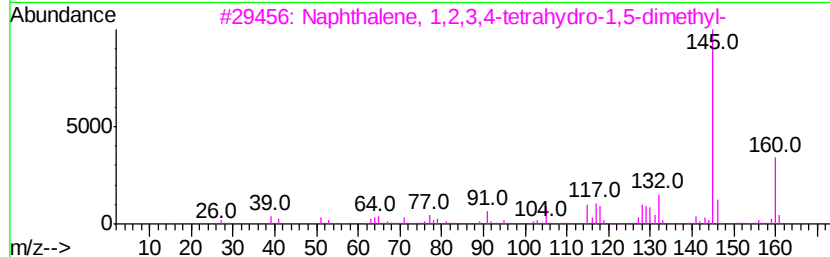
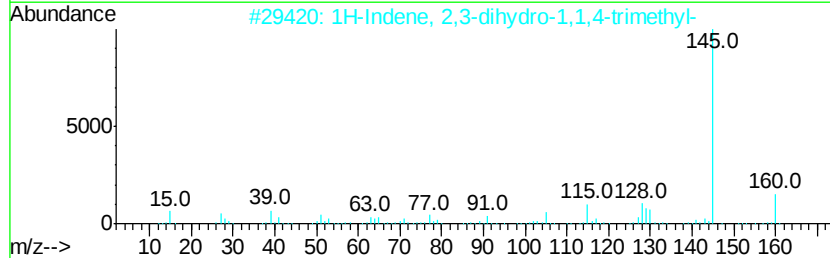
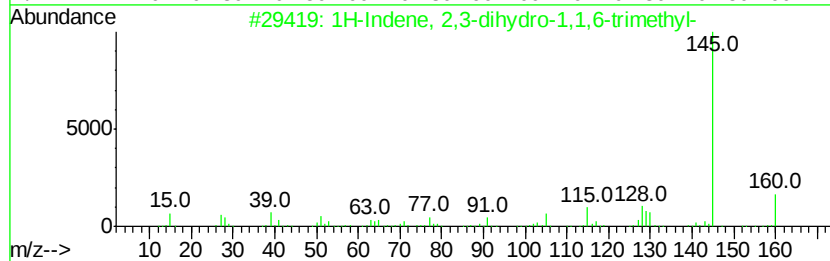
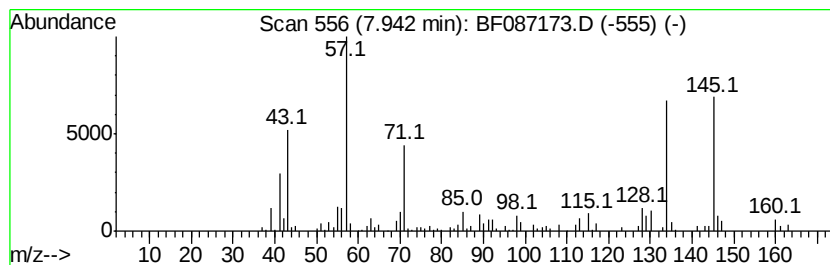
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown7.94 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	3.97 ng	263235	Naphthalene-d8	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	38
2			1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	38
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	30
4			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	30
5			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087173.D
Acq On : 19 May 2016 6:16
Operator : UM/SJ
Sample : H3105-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-06RR

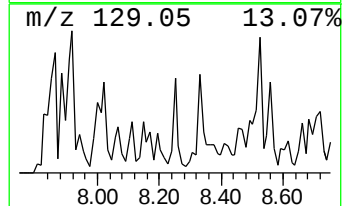
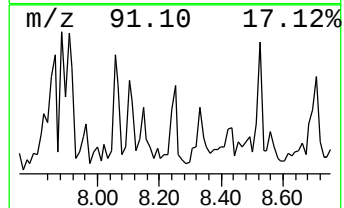
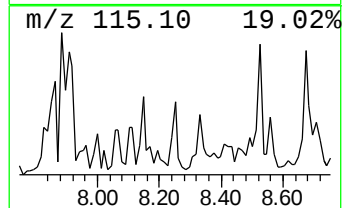
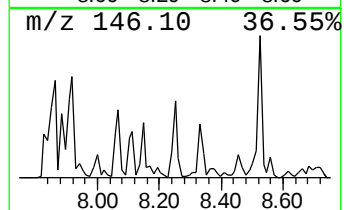
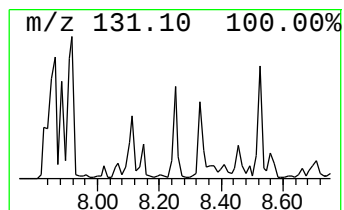
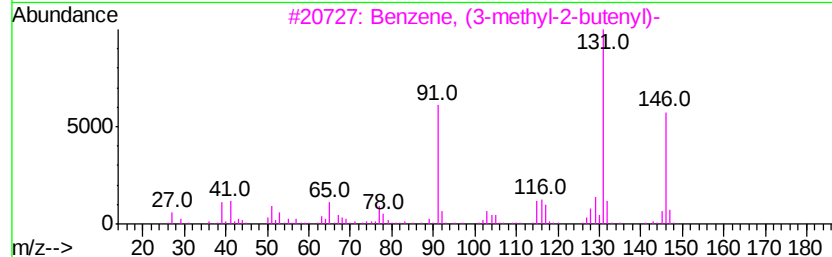
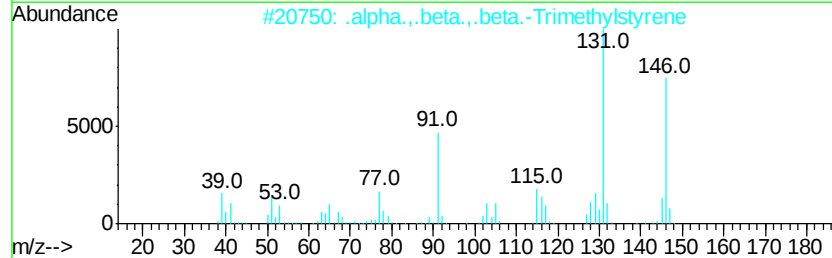
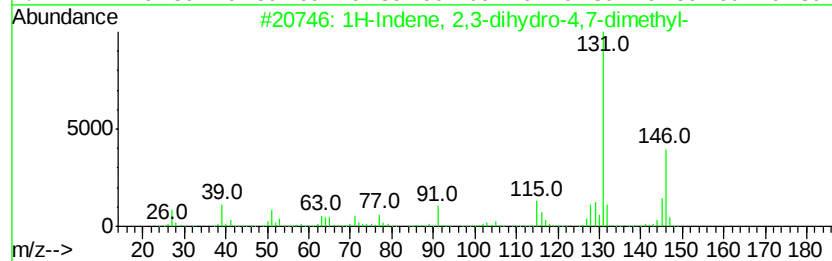
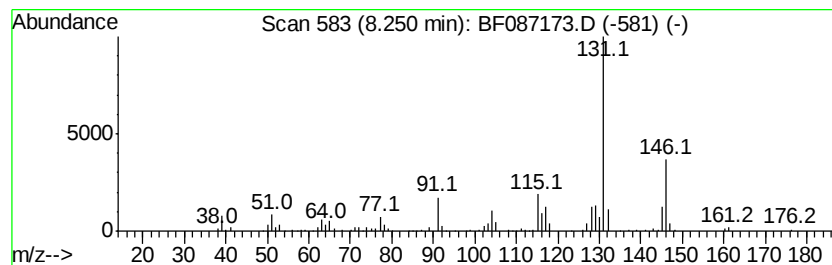
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	4.18 ng	277294	Naphthalene-d8	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2			.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	94
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087173.D
Acq On : 19 May 2016 6:16
Operator : UM/SJ
Sample : H3105-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

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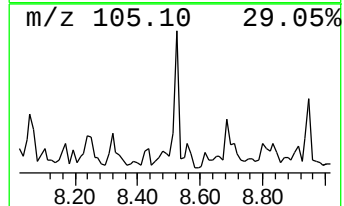
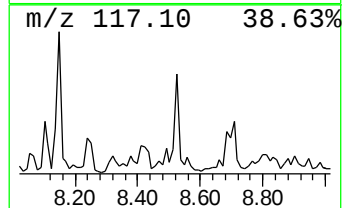
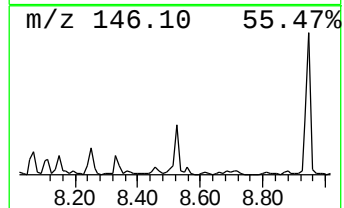
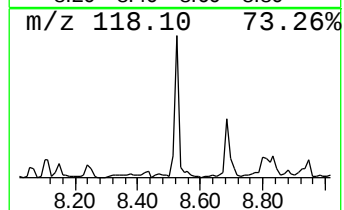
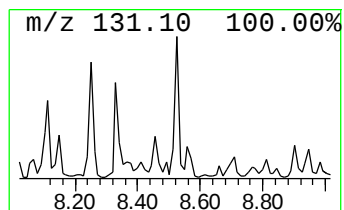
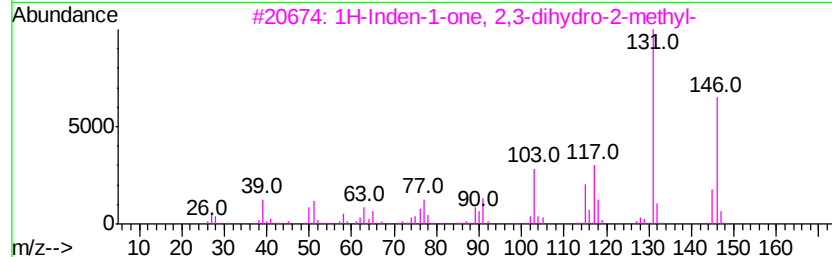
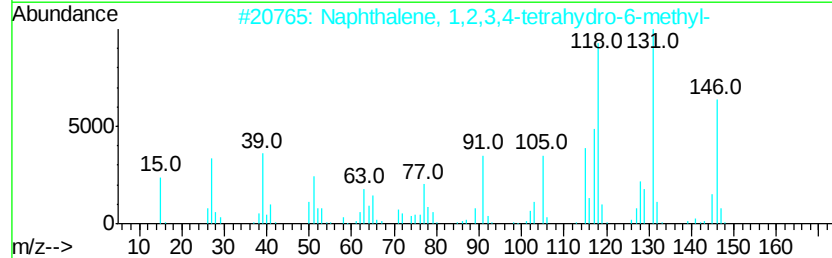
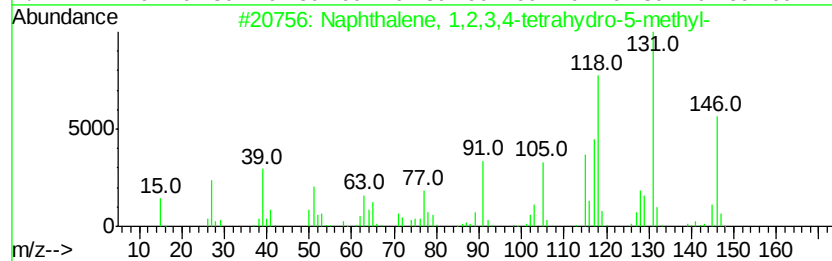
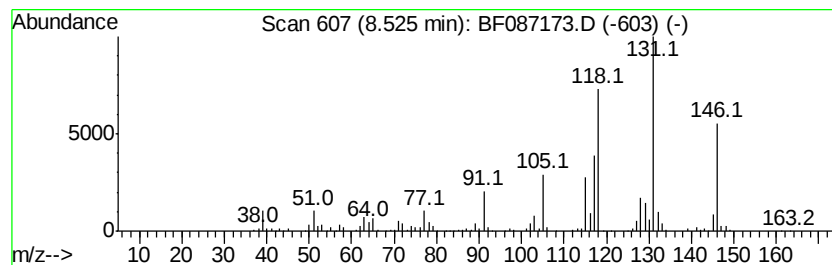
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	5.44 ng	360690	Naphthalene-d8	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	52
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	49
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
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Operator : UM/SJ
Sample : H3105-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

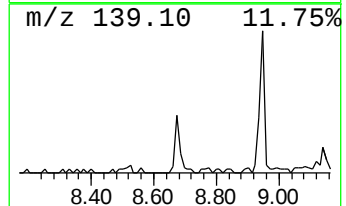
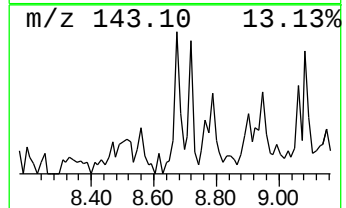
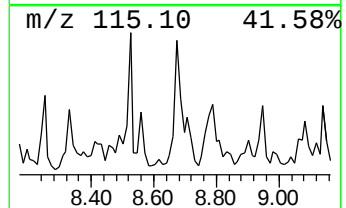
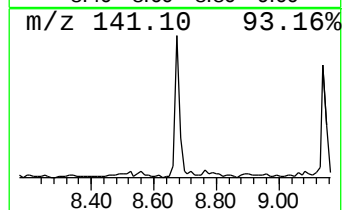
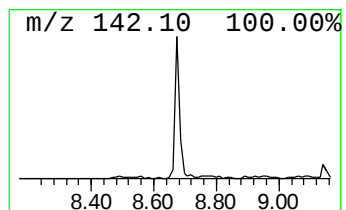
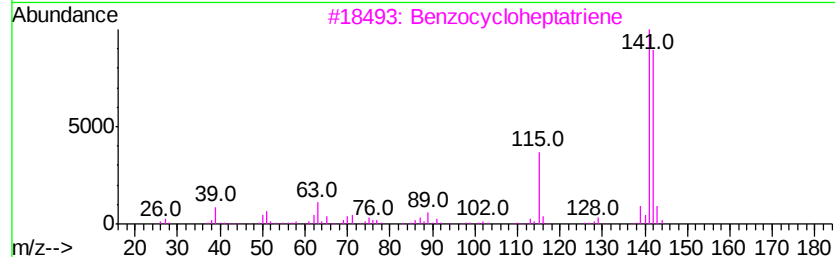
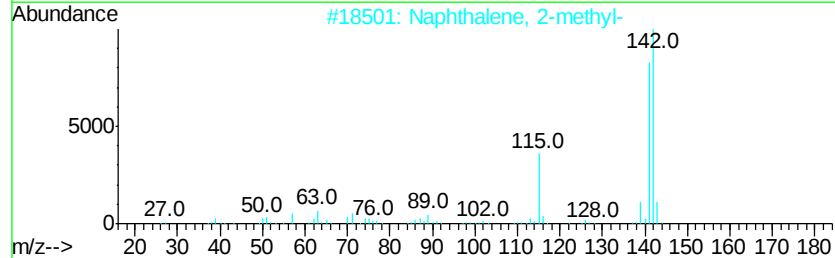
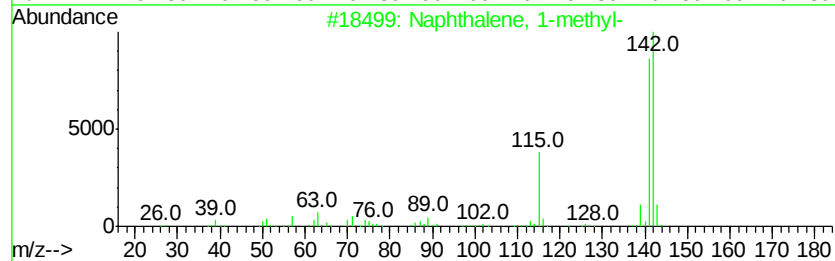
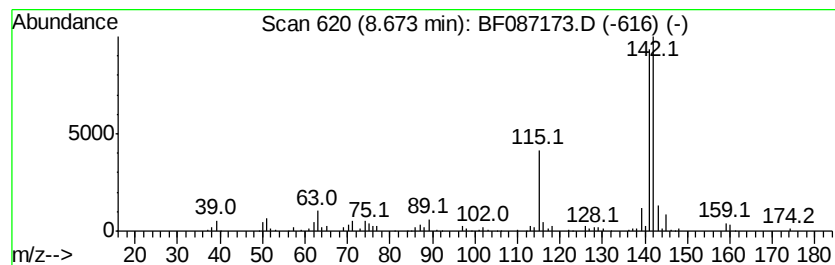
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.67	5.62 ng	372349	Naphthalene-d8	7.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087173.D
Acq On : 19 May 2016 6:16
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Misc :
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ClientSampleId :
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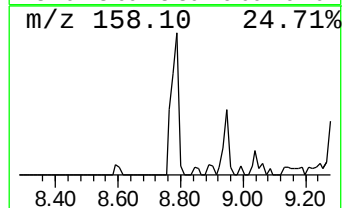
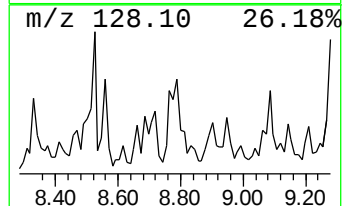
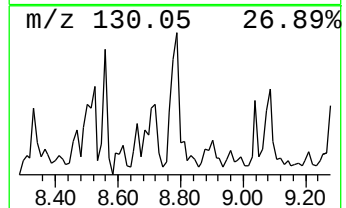
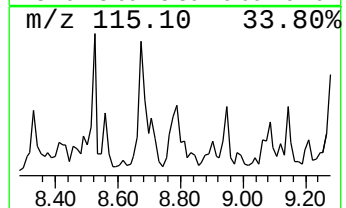
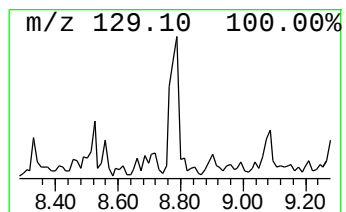
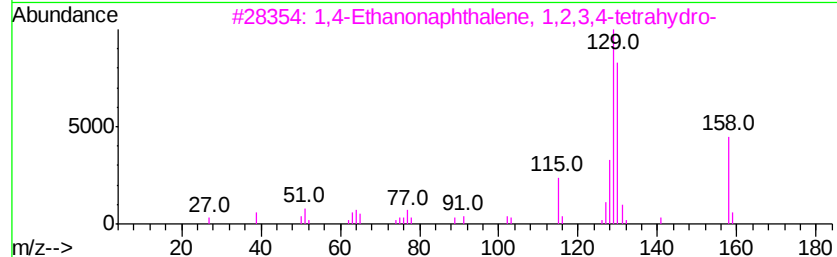
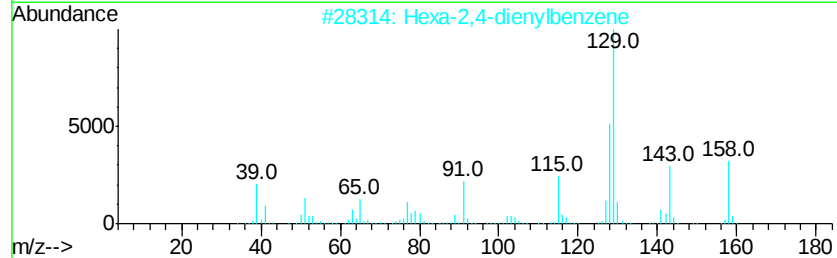
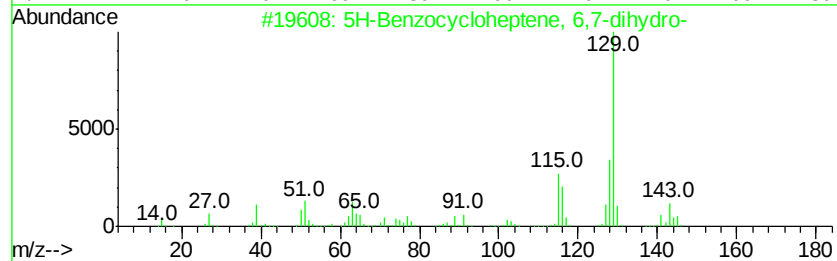
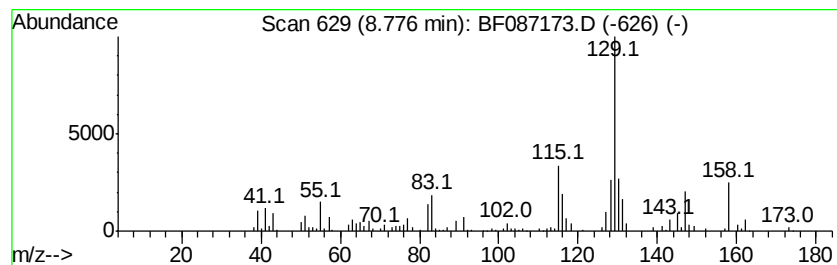
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5H-Benzocycloheptene, 6,7-d... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	5.45 ng	332733	Acenaphthene-d10	9.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	50
2		Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	38
3		1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	38
4		Quinoline	129	C9H7N	000091-22-5	35
5		Isoquinoline	129	C9H7N	000119-65-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087173.D
Acq On : 19 May 2016 6:16
Operator : UM/SJ
Sample : H3105-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-06RR

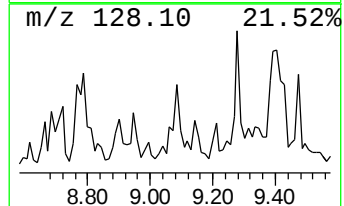
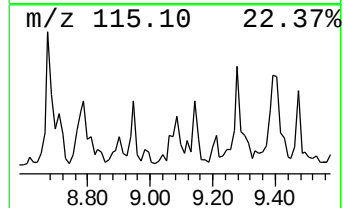
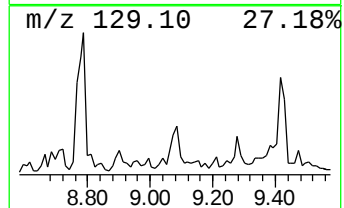
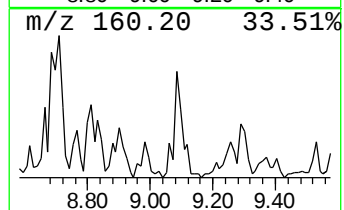
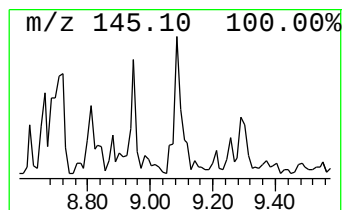
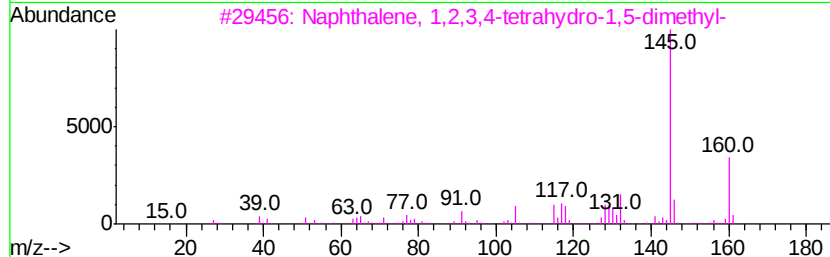
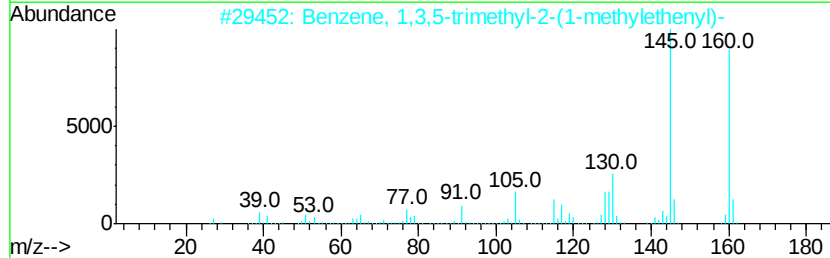
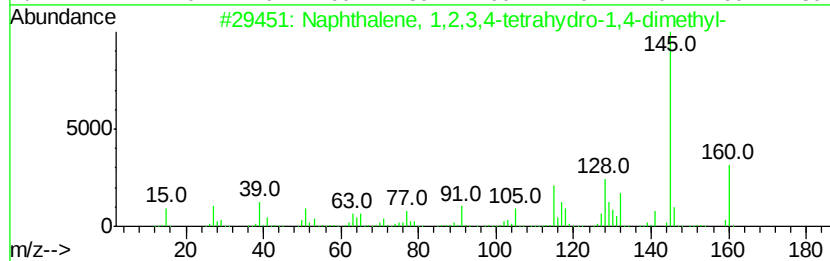
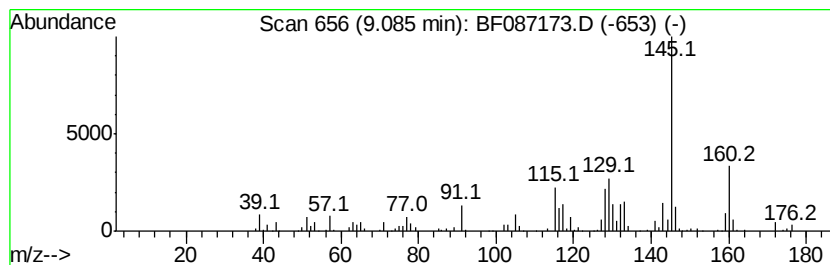
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	3.83 ng	233944	Acenaphthene-d10	9.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76
2			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	76
4			Ethanone, 1-[4-(1-methylethenyl)]...	160	C11H12O	005359-04-6	70
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087173.D
Acq On : 19 May 2016 6:16
Operator : UM/SJ
Sample : H3105-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

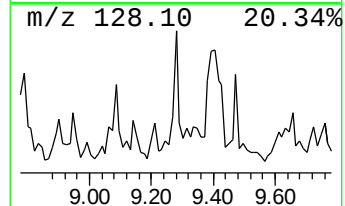
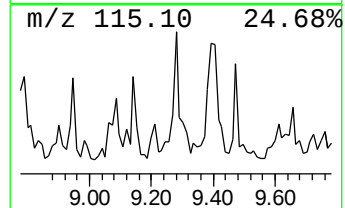
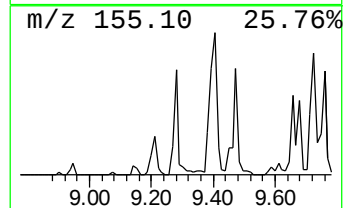
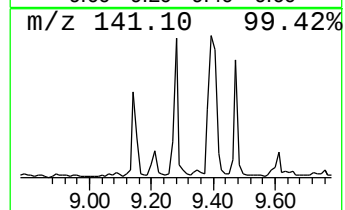
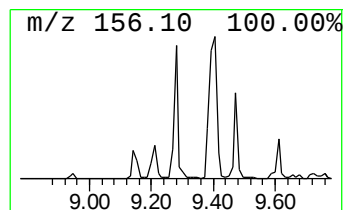
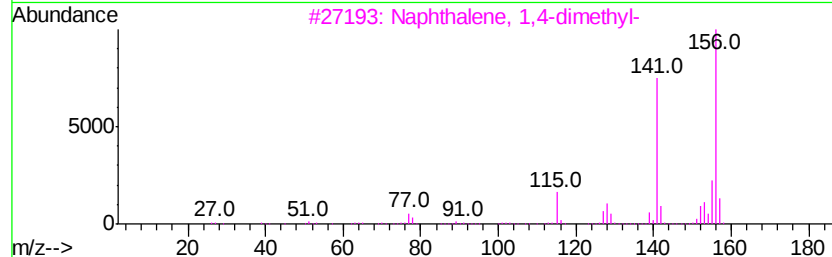
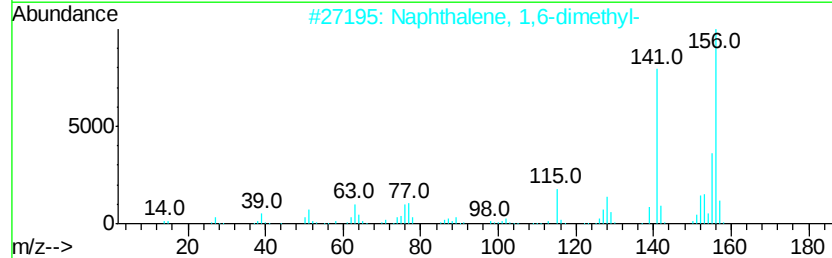
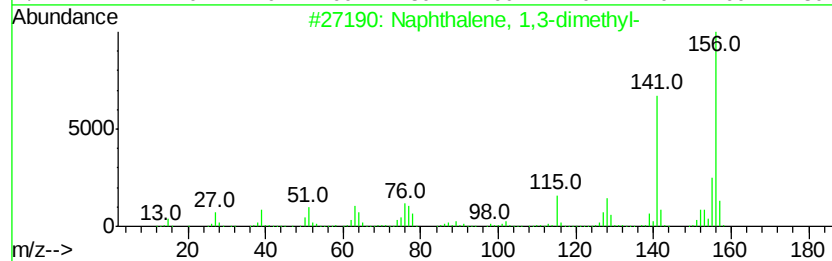
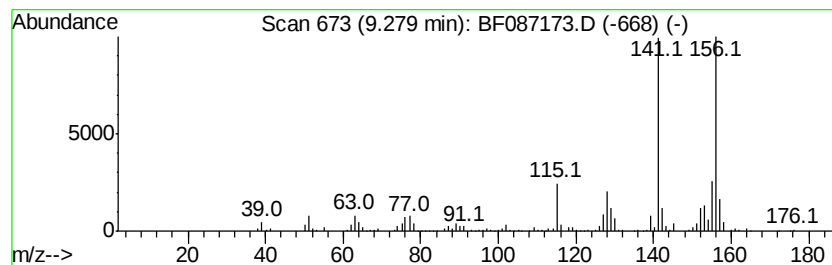
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ClientSampleId :
W-06RR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.28	5.99 ng	365647	Acenaphthene-d10		9.61
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087173.D
Acq On : 19 May 2016 6:16
Operator : UM/SJ
Sample : H3105-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-06RR

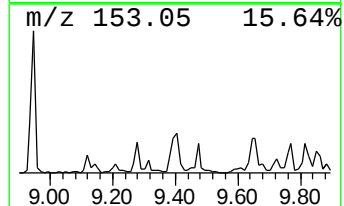
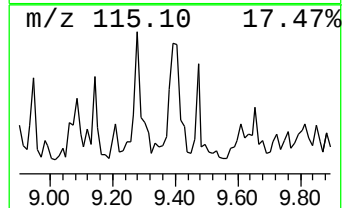
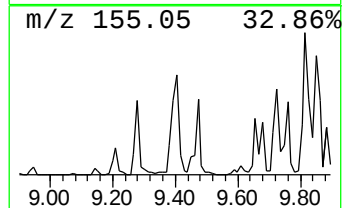
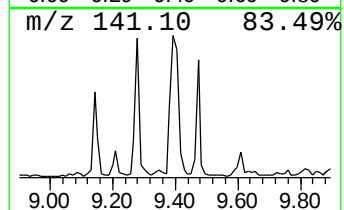
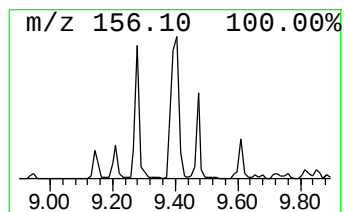
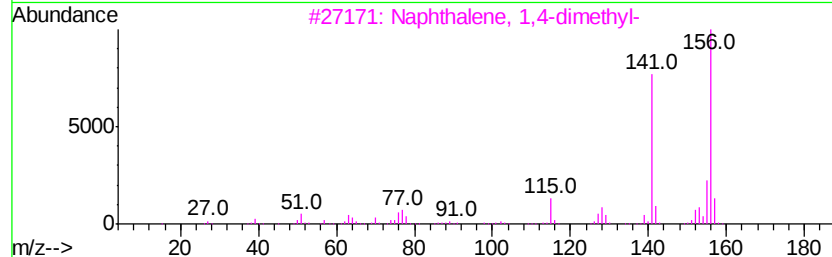
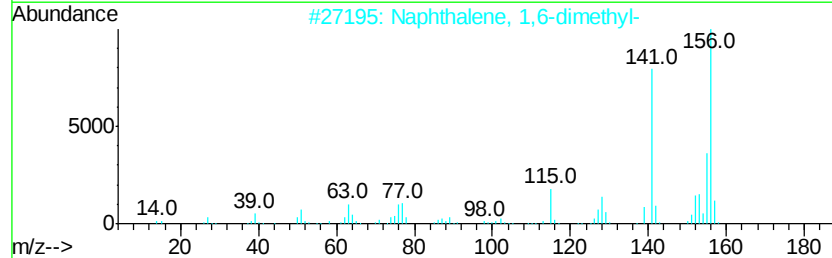
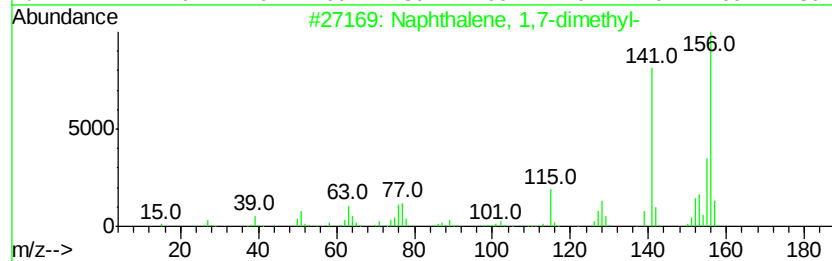
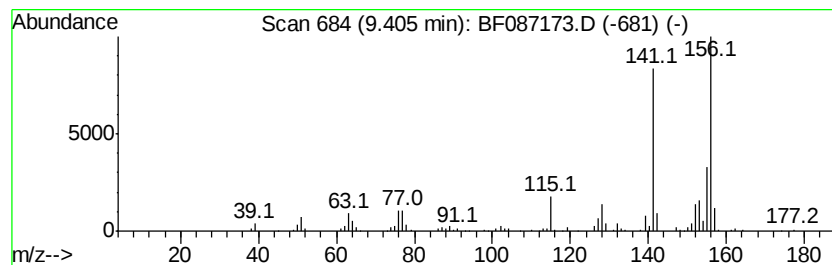
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	8.61 ng	525910	Acenaphthene-d10	9.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087173.D
Acq On : 19 May 2016 6:16
Operator : UM/SJ
Sample : H3105-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-06RR

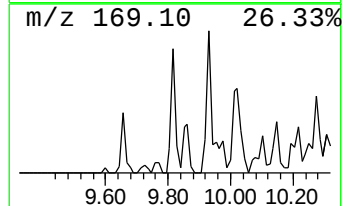
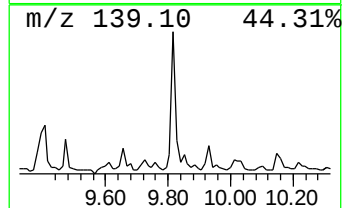
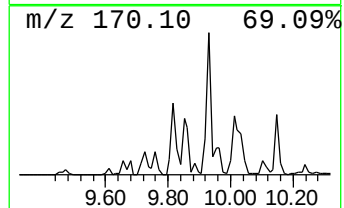
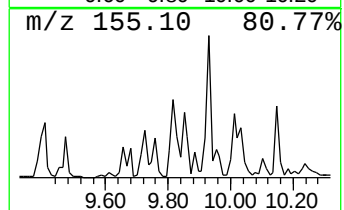
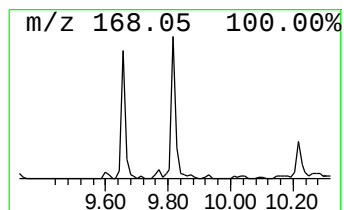
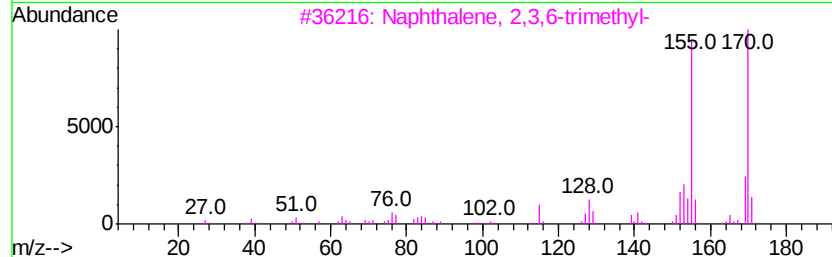
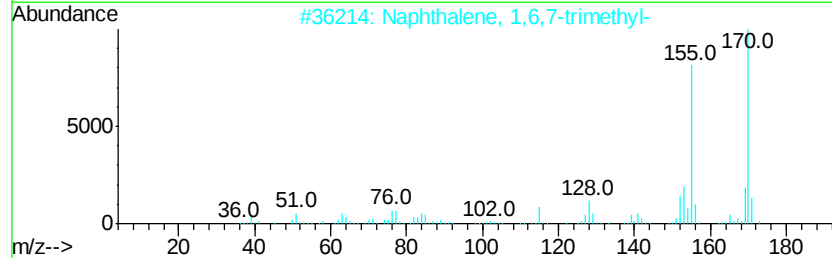
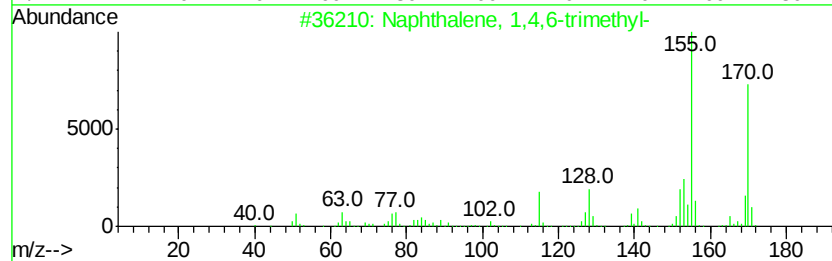
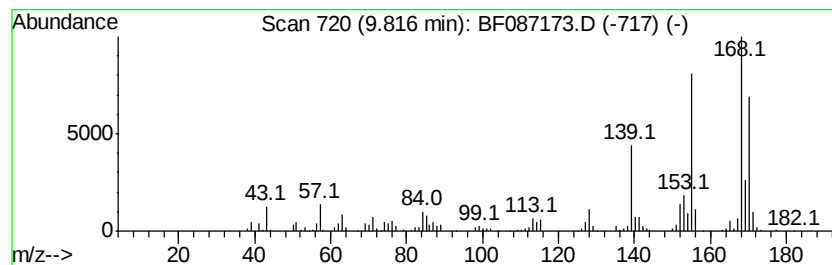
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	4.53 ng	276825	Acenaphthene-d10	9.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	55
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087173.D
Acq On : 19 May 2016 6:16
Operator : UM/SJ
Sample : H3105-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

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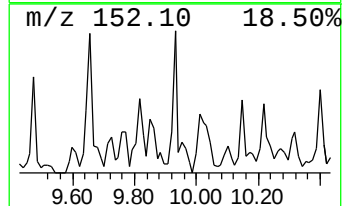
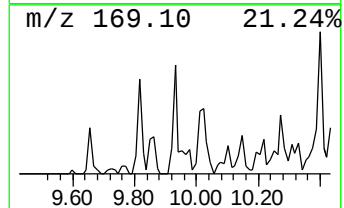
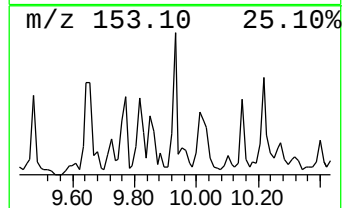
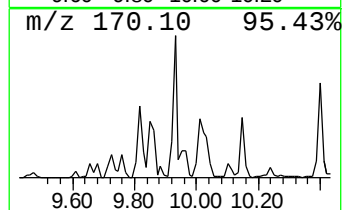
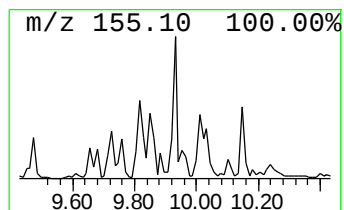
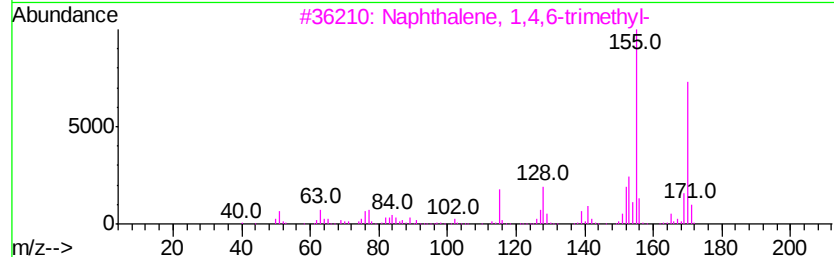
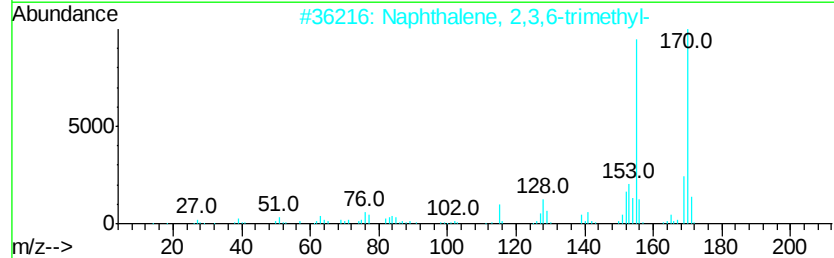
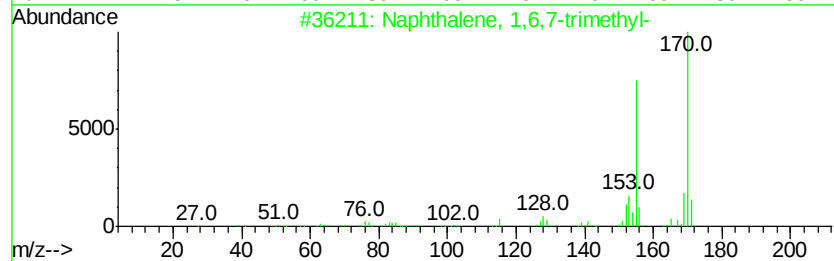
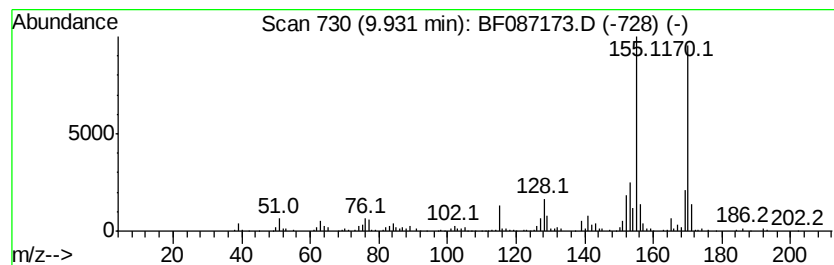
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	4.13 ng	252313	Acenaphthene-d10	9.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087173.D
 Acq On : 19 May 2016 6:16
 Operator : UM/SJ
 Sample : H3105-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-06RR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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...	4.68	19.1 ng		820390	1	6.58	861061	20.0
2-Pentanone, 4-me...	5.56	5.0 ng		217399	1	6.58	861061	20.0
Benzene, (2-methy...	6.51	3.9 ng		166230	1	6.58	861061	20.0
Benzene, 1-ethyl-...	7.23	4.2 ng		278263	2	7.86	1325240	20.0
Benzene, 1,2,4,5-...	7.36	4.0 ng		264407	2	7.86	1325240	20.0
Benzene, (2-methy...	7.52	4.5 ng		296536	2	7.86	1325240	20.0
unknown7.94	7.94	4.0 ng		263235	2	7.86	1325240	20.0
1H-Indene, 2,3-di...	8.25	4.2 ng		277294	2	7.86	1325240	20.0
Naphthalene, 1,2,...	8.52	5.4 ng		360690	2	7.86	1325240	20.0
Naphthalene, 1-me...	8.67	5.6 ng		372349	2	7.86	1325240	20.0
5H-Benzocyclohept...	8.78	5.5 ng		332733	3	9.61	1221680	20.0
Naphthalene, 1,2,...	9.08	3.8 ng		233944	3	9.61	1221680	20.0
Naphthalene, 1,3-...	9.28	6.0 ng		365647	3	9.61	1221680	20.0
Naphthalene, 1,7-...	9.40	8.6 ng		525910	3	9.61	1221680	20.0
Naphthalene, 1,4,...	9.82	4.5 ng		276825	3	9.61	1221680	20.0
Naphthalene, 1,6,...	9.93	4.1 ng		252313	3	9.61	1221680	20.0