

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083937.D
 Acq On : 19 Dec 2015 2:53
 Operator : UM/SJ
 Sample : G4840-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-13

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-BF121815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.047	257	259	265	rVB	128564	173621	7.16%	0.532%
2	5.482	295	297	299	rBV	938259	920394	37.96%	2.818%
3	5.870	329	331	334	rVB2	30090	30956	1.28%	0.095%
4	6.030	342	345	347	rBV	591404	532976	21.98%	1.632%
5	6.327	368	371	373	rVB	507375	544452	22.45%	1.667%
6	6.510	385	387	389	rBV	428006	508539	20.97%	1.557%
7	6.636	395	398	400	rBV	1474397	1328685	54.79%	4.068%
8	6.670	400	401	402	rVB	40082	27633	1.14%	0.085%
9	6.819	410	414	416	rBV2	172977	249618	10.29%	0.764%
10	6.865	416	418	420	rVB	485550	392700	16.19%	1.202%
11	7.025	430	432	433	rBV	1821220	1712346	70.61%	5.242%
12	7.116	438	440	443	rVB	318290	288963	11.92%	0.885%
13	7.207	444	448	451	rBV2	216864	401597	16.56%	1.229%
14	7.265	451	453	459	rBV3	33620	46135	1.90%	0.141%
15	7.413	463	466	467	rBV	847468	1581865	65.23%	4.843%
16	7.436	467	468	471	rVV2	1378870	1259875	51.96%	3.857%
17	7.516	473	475	477	rBV	129026	117059	4.83%	0.358%
18	7.562	477	479	481	rVB	115307	106129	4.38%	0.325%
19	7.642	482	486	488	rVB	687339	611233	25.21%	1.871%
20	7.699	488	491	492	rBV2	20029	48012	1.98%	0.147%
21	7.756	494	496	498	rBV	78427	73672	3.04%	0.226%
22	7.825	498	502	505	rVB3	243357	457405	18.86%	1.400%
23	7.893	505	508	510	rBV	1832300	1860590	76.73%	5.696%
24	7.928	510	511	512	rVB	67800	46511	1.92%	0.142%
25	7.973	512	515	518	rBV2	82697	116951	4.82%	0.358%
26	8.019	518	519	521	rVB	102089	99372	4.10%	0.304%
27	8.088	521	525	526	rBV	44348	71102	2.93%	0.218%
28	8.145	526	530	534	rVV2	677877	1113776	45.93%	3.410%
29	8.202	534	535	537	rVV	271884	205281	8.47%	0.628%
30	8.248	537	539	540	rVB2	72360	88741	3.66%	0.272%
31	8.282	540	542	543	rBV2	85676	80140	3.30%	0.245%
32	8.305	543	544	546	rVB	97614	93721	3.86%	0.287%
33	8.350	546	548	550	rBV2	81632	75613	3.12%	0.231%
34	8.396	550	552	553	rBV	109427	116923	4.82%	0.358%

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35	8.430	553	555	558 rVB3	113238	168334	6.94%	0.515%
36	8.533	563	564	567 rVB	150905	134387	5.54%	0.411%
37	8.625	569	572	573 rVV	220144	239168	9.86%	0.732%
38	8.659	573	575	577 rVV	233469	254777	10.51%	0.780%
39	8.716	578	580	581 rVV	77399	78876	3.25%	0.241%
40	8.739	581	582	584 rVV2	115818	112196	4.63%	0.343%
41	8.785	584	586	587 rVV2	33225	61119	2.52%	0.187%
42	8.808	587	588	590 rVV	190494	249972	10.31%	0.765%
43	8.853	590	592	594 rVB	35580	54614	2.25%	0.167%
44	8.968	599	602	604 rVV	2304359	2301152	94.90%	7.045%
45	9.048	607	609	612 rBV3	53142	129520	5.34%	0.397%
46	9.151	615	618	619 rVB3	20523	37611	1.55%	0.115%
47	9.231	622	625	627 rVB	2599832	2424928	100.00%	7.424%
48	9.379	633	638	639 rBV3	39630	84912	3.50%	0.260%
49	9.425	639	642	645 rVV	304689	428924	17.69%	1.313%
50	9.493	645	648	650 rVV	532178	679358	28.02%	2.080%
51	9.562	652	654	656 rVV	799945	1148069	47.34%	3.515%
52	9.596	656	657	659 rVV	777559	599165	24.71%	1.834%
53	9.688	663	665	667 rVV	305893	510338	21.05%	1.562%
54	9.768	669	672	673 rBV	202428	221525	9.14%	0.678%
55	9.802	673	675	677 rVV2	75922	94713	3.91%	0.290%
56	9.905	681	684	686 rVV	773609	702715	28.98%	2.151%
57	9.939	686	687	689 rVV2	80141	87167	3.59%	0.267%
58	10.008	692	693	695 rVB	59558	71843	2.96%	0.220%
59	10.053	695	697	700 rBV4	28014	56849	2.34%	0.174%
60	10.111	700	702	704 rVV	182905	189765	7.83%	0.581%
61	10.145	704	705	707 rVB	89155	75583	3.12%	0.231%
62	10.225	710	712	713 rBV2	104642	112948	4.66%	0.346%
63	10.248	713	714	717 rBV2	65450	93609	3.86%	0.287%
64	10.316	717	720	723 rVB3	74662	196336	8.10%	0.601%
65	10.396	723	727	730 rVB6	25225	62535	2.58%	0.191%
66	10.454	730	732	735 rBV2	104565	181684	7.49%	0.556%
67	10.534	735	739	741 rBV3	48288	110373	4.55%	0.338%
68	10.614	743	746	747 rBV2	29361	50764	2.09%	0.155%
69	10.636	747	748	750 rVB	33279	44922	1.85%	0.138%
70	10.694	750	753	756 rBV	1293245	1306964	53.90%	4.001%
71	10.819	762	764	767 rVB3	37920	67416	2.78%	0.206%

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72	10.991	777	779	781	rBV2	27131	54345	2.24%	0.166%
73	11.025	781	782	786	rVV3	63311	91346	3.77%	0.280%
74	11.094	786	788	789	rVV	52599	68546	2.83%	0.210%
75	11.128	789	791	795	rVB4	21427	54445	2.25%	0.167%
76	11.265	799	803	804	rVV2	17019	37146	1.53%	0.114%
77	11.299	804	806	809	rVB	28375	43475	1.79%	0.133%
78	11.391	811	814	815	rBV	548689	573968	23.67%	1.757%
79	11.414	815	816	818	rVB	45364	32629	1.35%	0.100%
80	11.916	859	860	865	rVB4	18687	26442	1.09%	0.081%
81	12.797	935	937	939	rBV	39539	39117	1.61%	0.120%
82	12.968	950	952	955	rBV	1412916	1872663	77.23%	5.733%
83	13.757	1019	1021	1027	rVB4	21600	44471	1.83%	0.136%
84	13.871	1029	1031	1037	rBV3	29261	46667	1.92%	0.143%
85	14.020	1042	1044	1047	rBV	298119	356235	14.69%	1.091%
86	14.660	1097	1100	1103	rBV5	11020	36048	1.49%	0.110%
87	15.460	1168	1170	1180	rVB	269526	441162	18.19%	1.351%
88	17.757	1366	1371	1372	rBV4	12155	38300	1.58%	0.117%

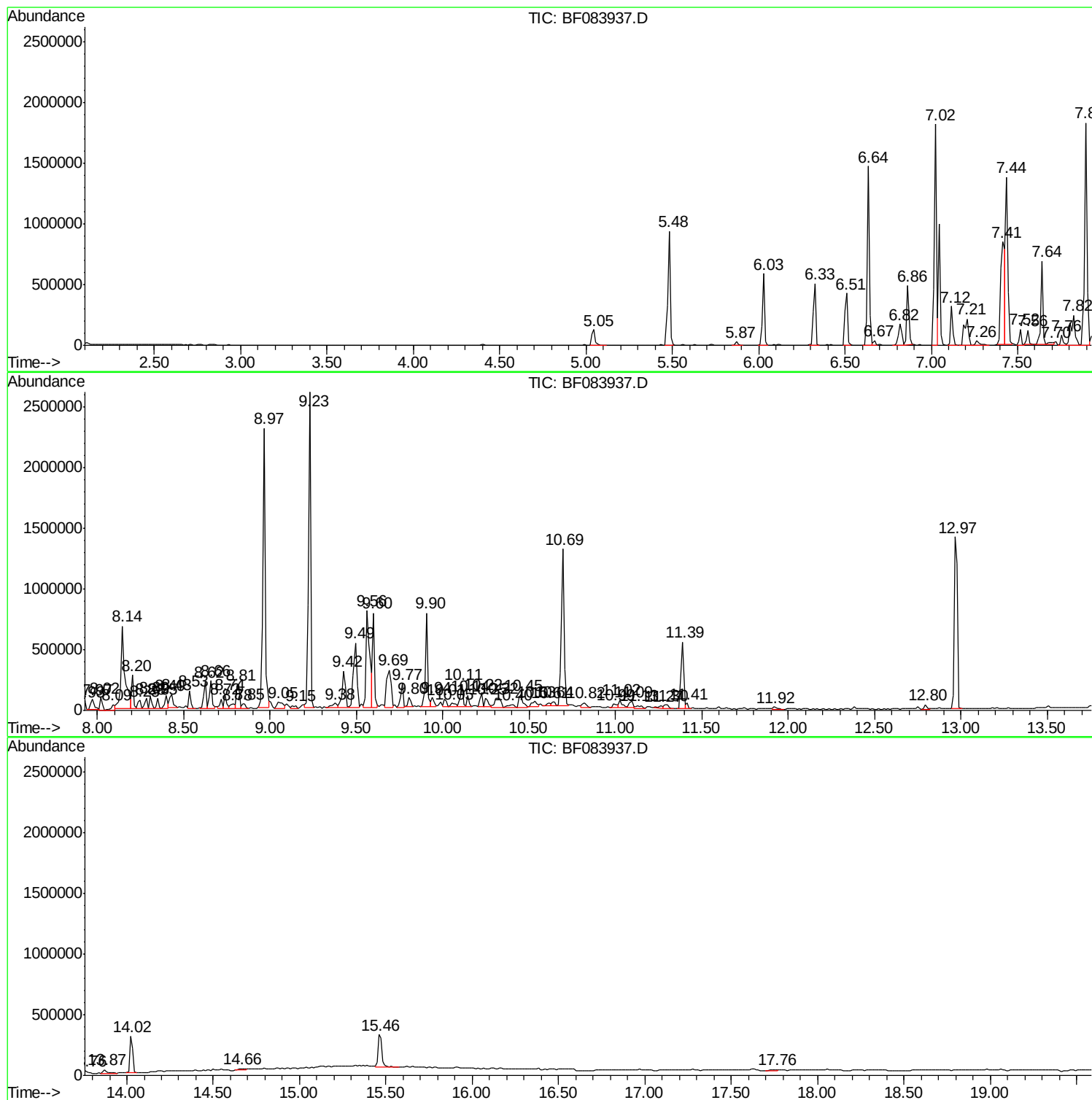
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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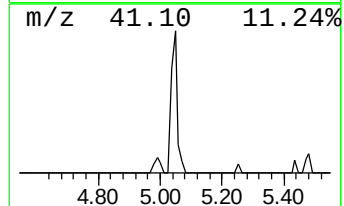
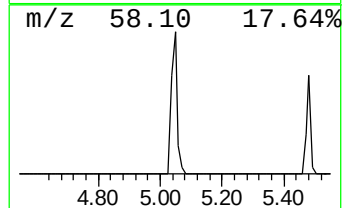
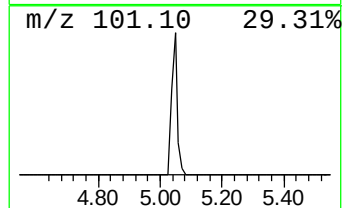
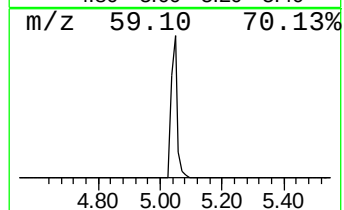
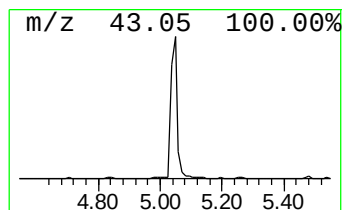
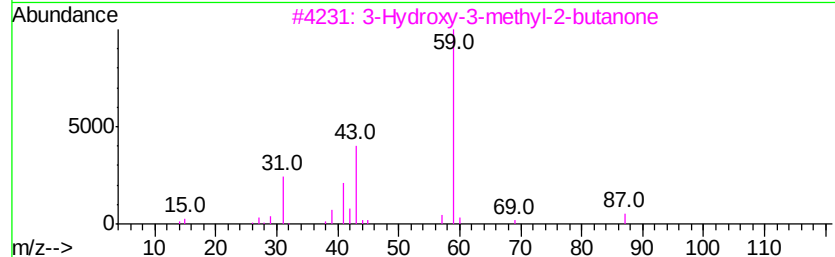
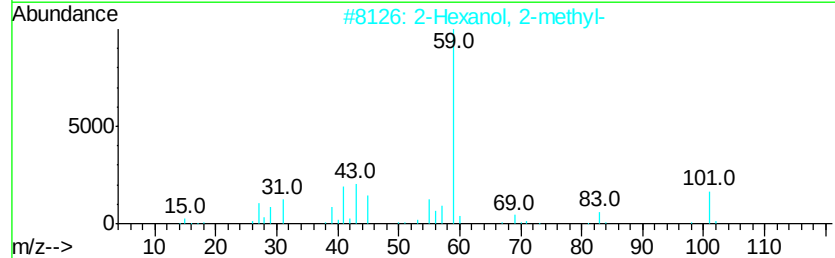
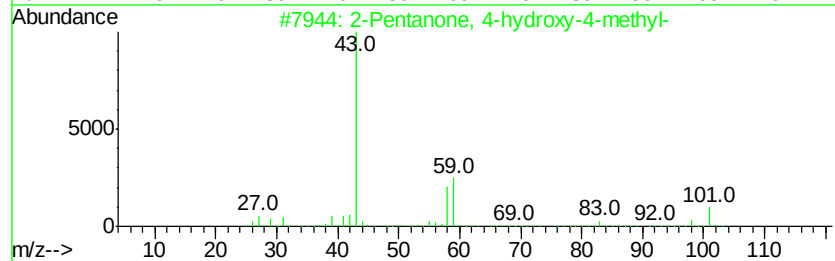
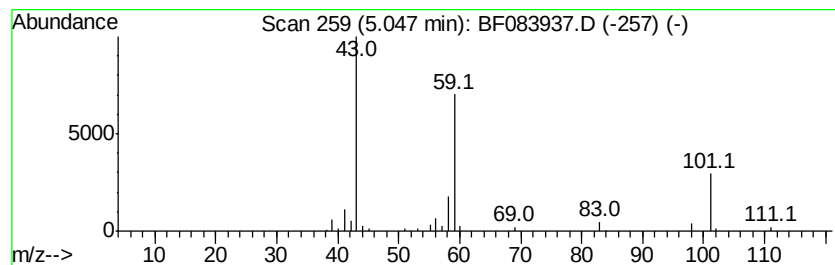
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	8.84 ng	173621	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	47
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	27
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
5		Acetone	58	C3H6O	000067-64-1	9



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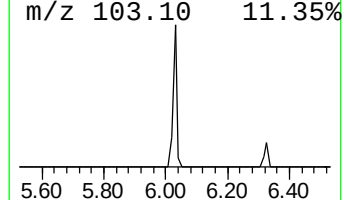
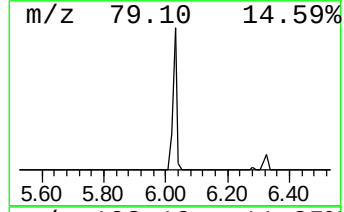
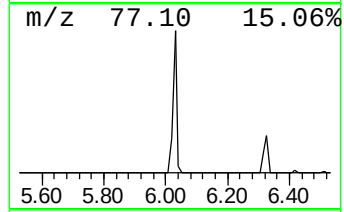
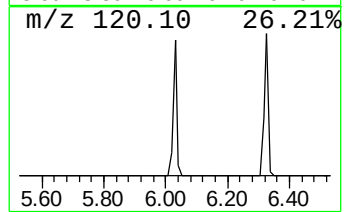
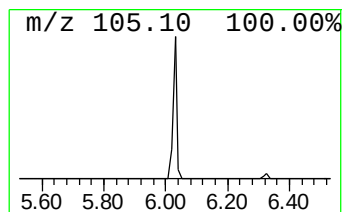
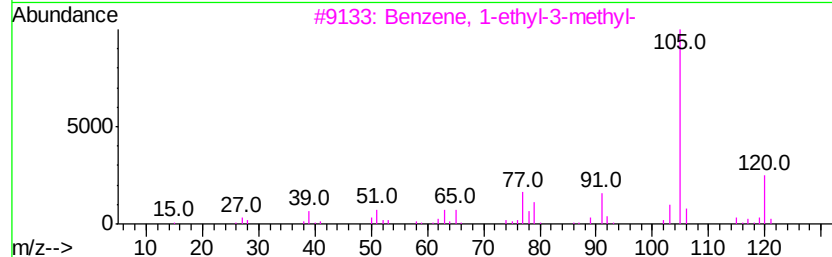
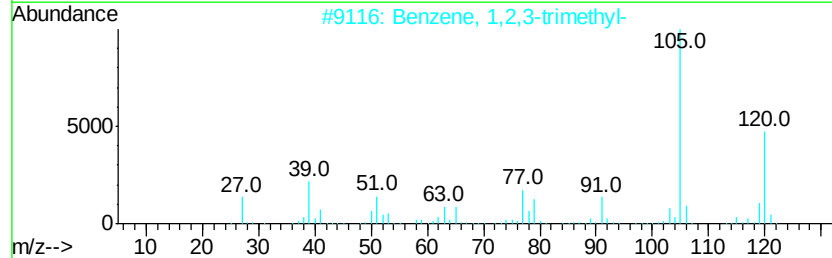
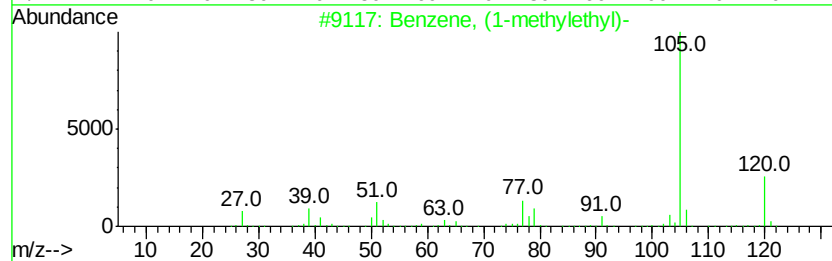
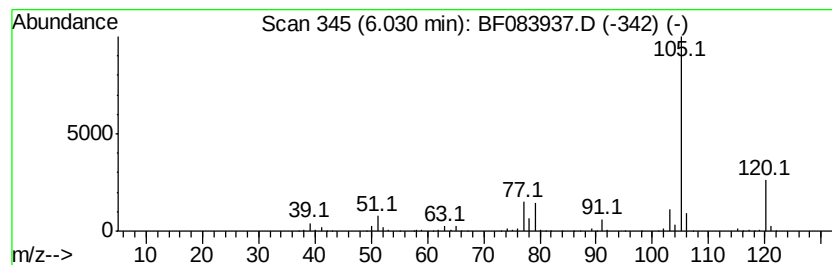
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	27.14 ng	532976	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72



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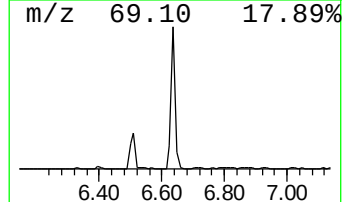
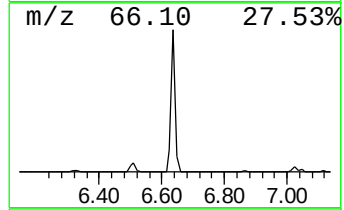
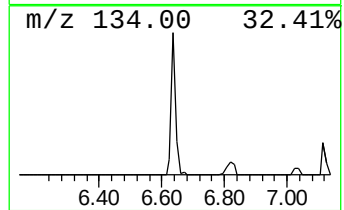
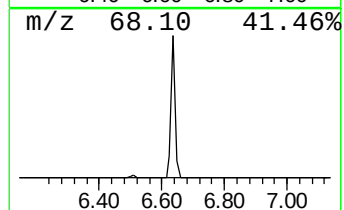
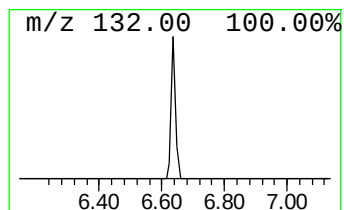
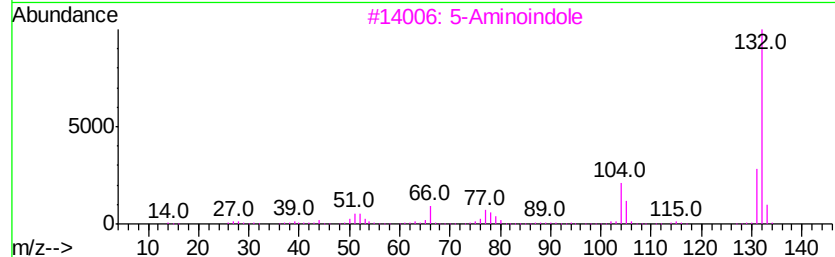
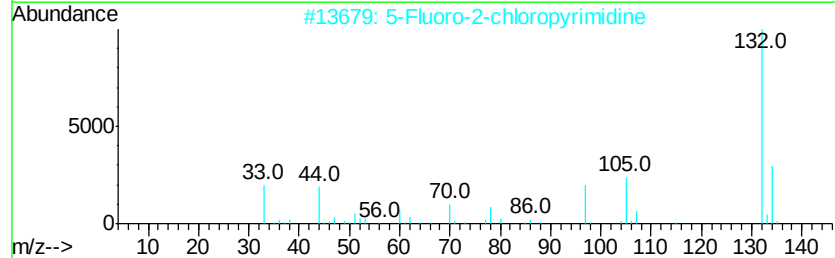
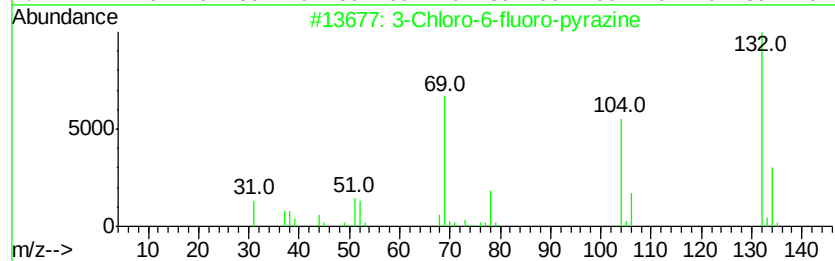
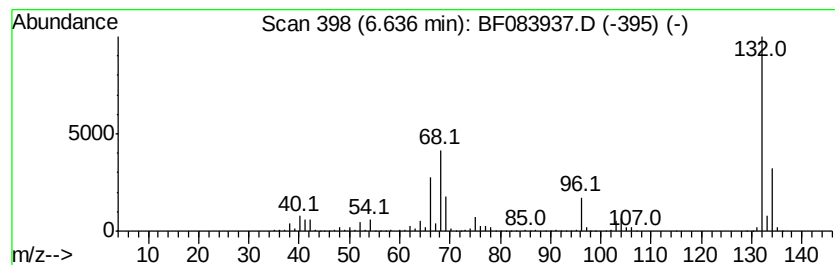
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown6.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	67.67 ng	1328690	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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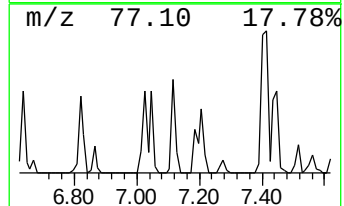
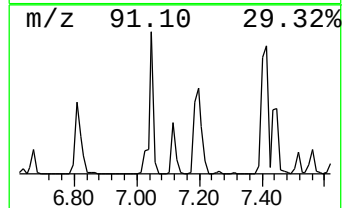
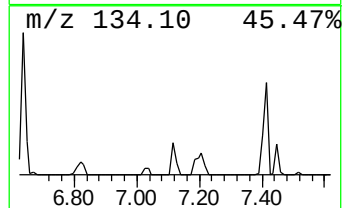
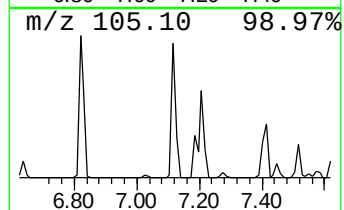
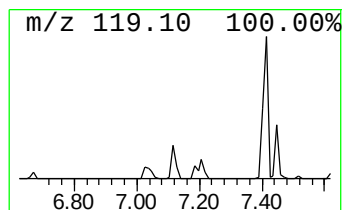
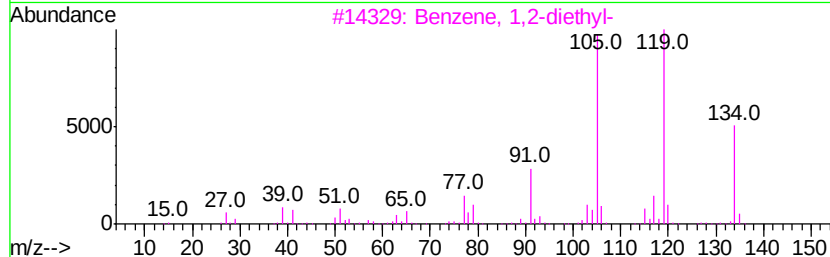
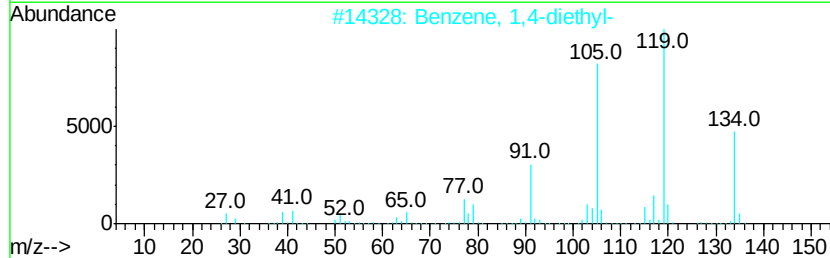
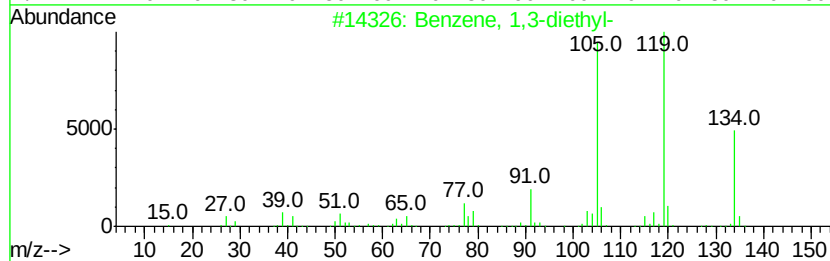
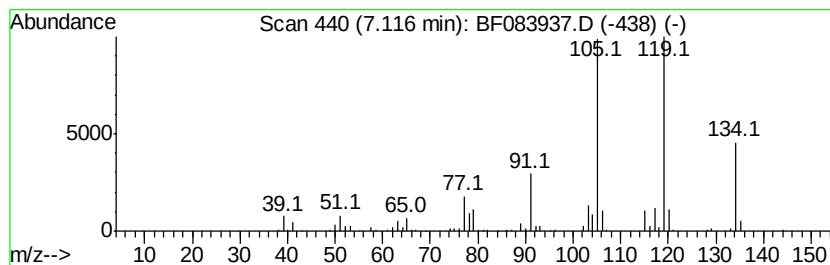
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	14.72 ng	288963	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
Operator : UM/SJ
Sample : G4840-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-13

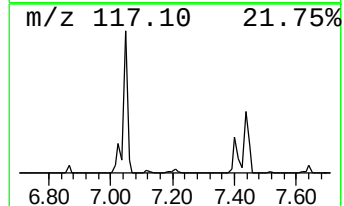
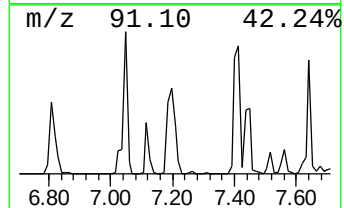
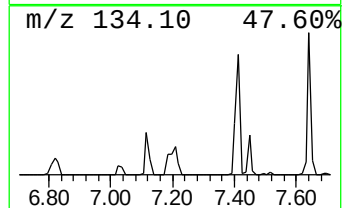
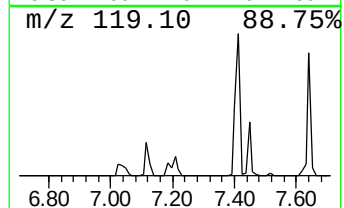
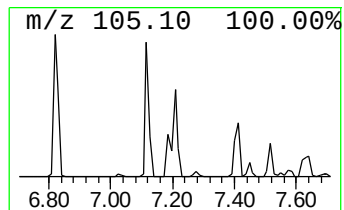
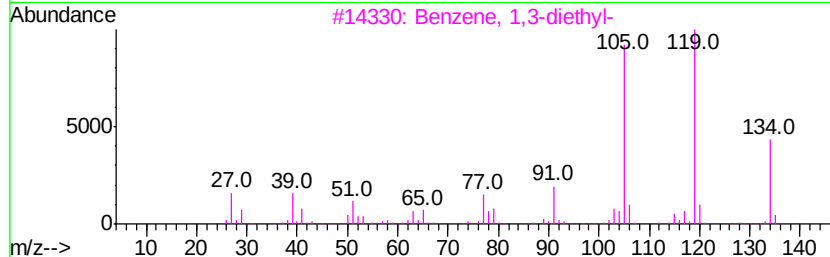
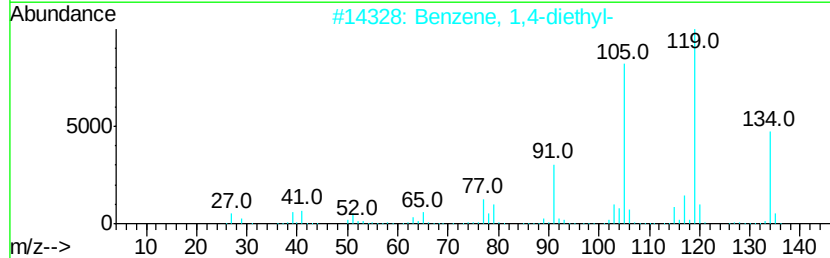
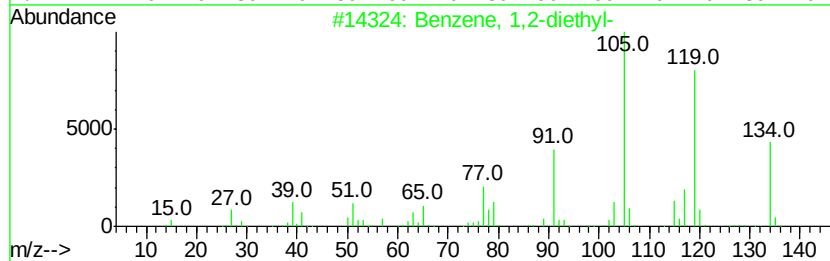
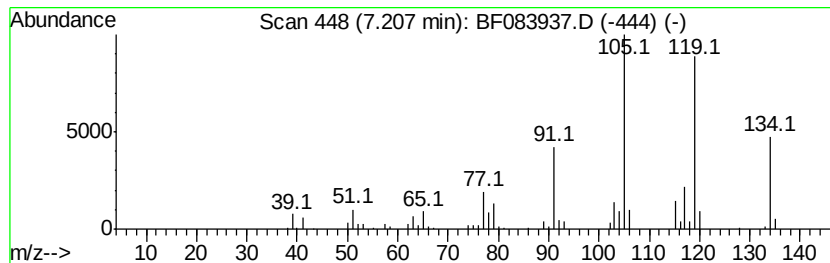
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	20.45 ng	401597	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
Operator : UM/SJ
Sample : G4840-02
Misc :
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Instrument :
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ClientSampleId :
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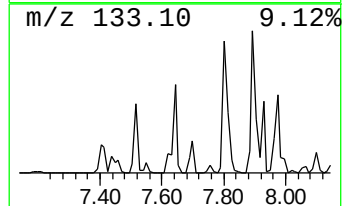
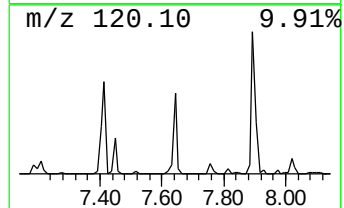
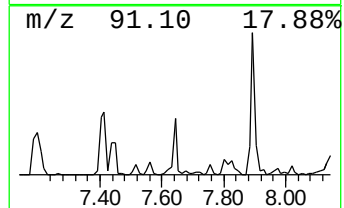
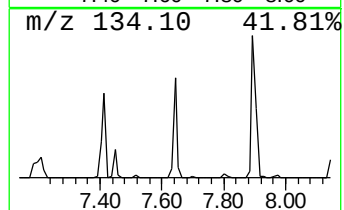
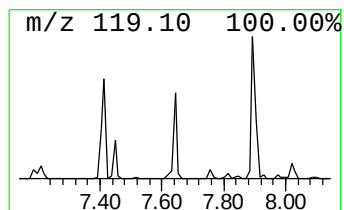
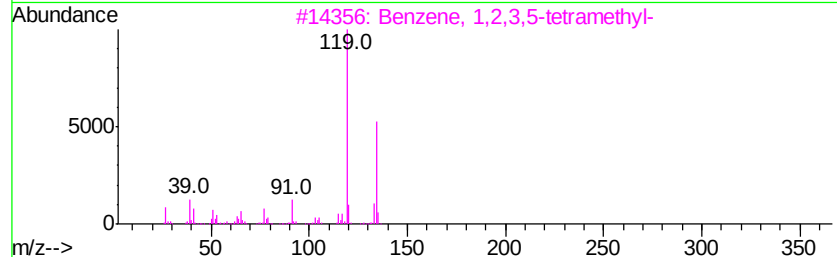
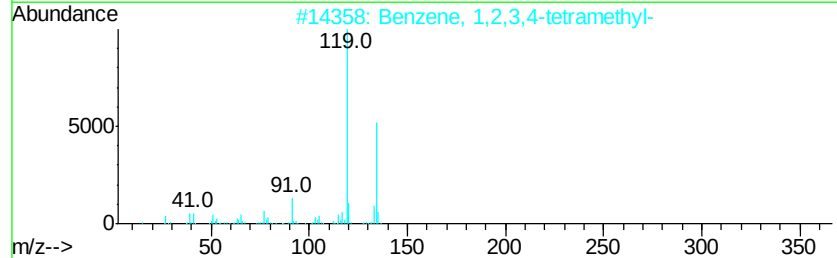
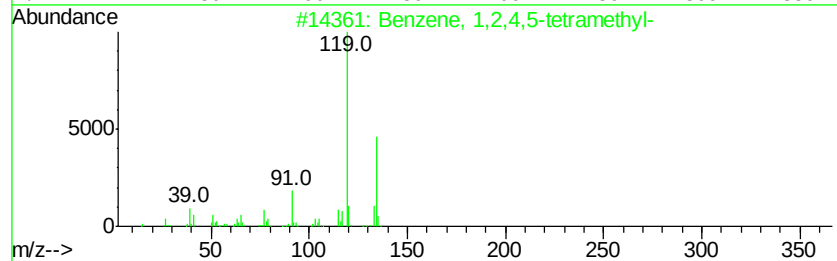
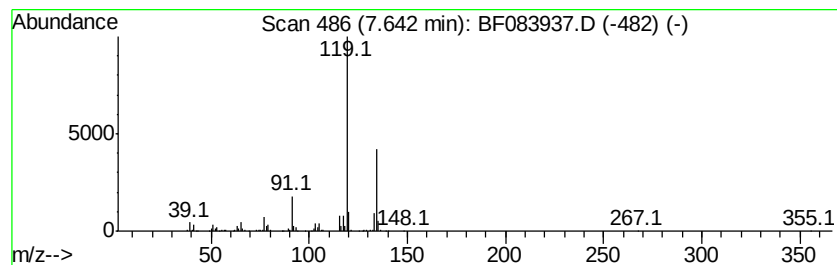
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	10.98 ng	611233	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
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Sample : G4840-02
Misc :
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Instrument :
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ClientSampleId :
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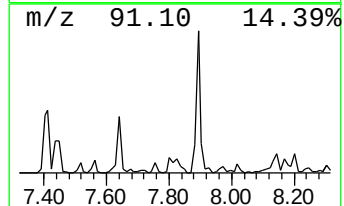
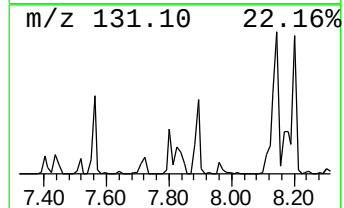
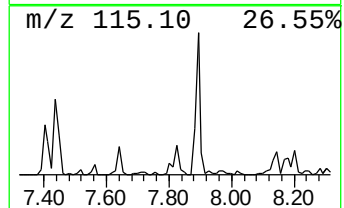
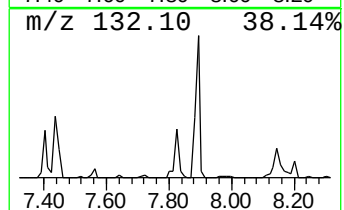
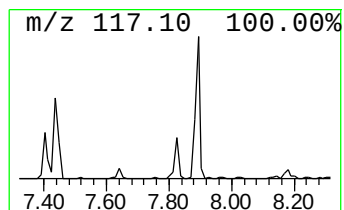
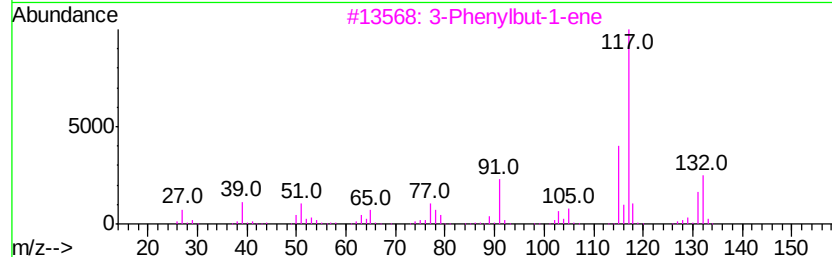
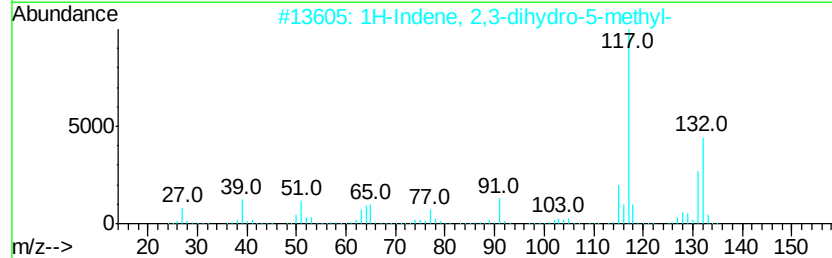
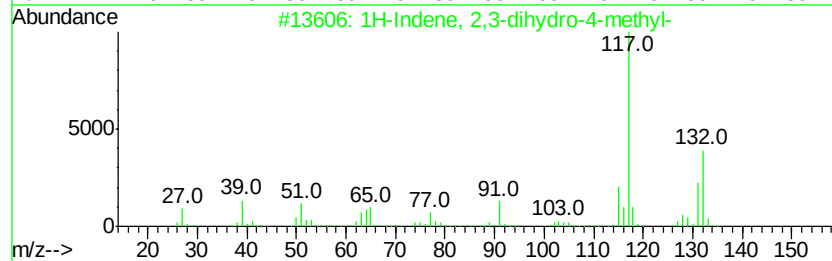
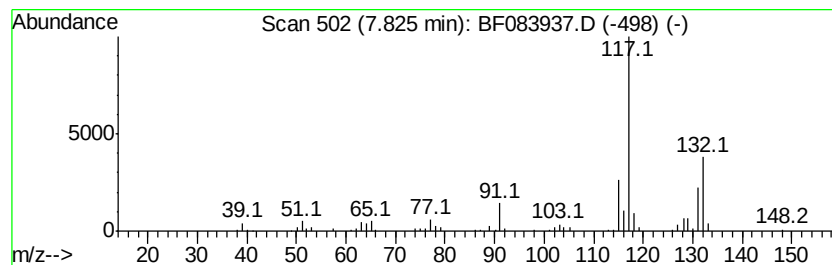
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	8.21 ng	457405	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
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Sample : G4840-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

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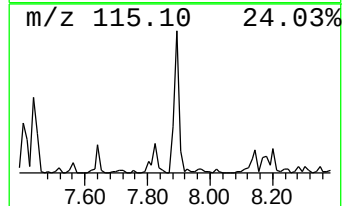
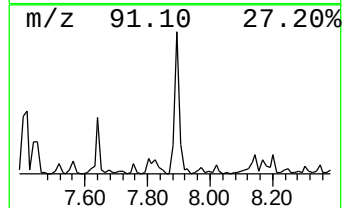
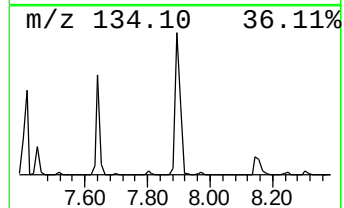
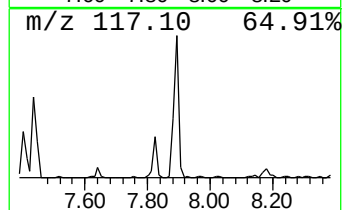
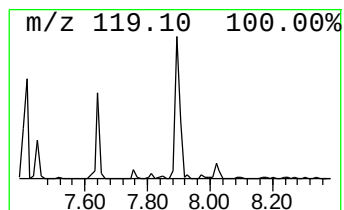
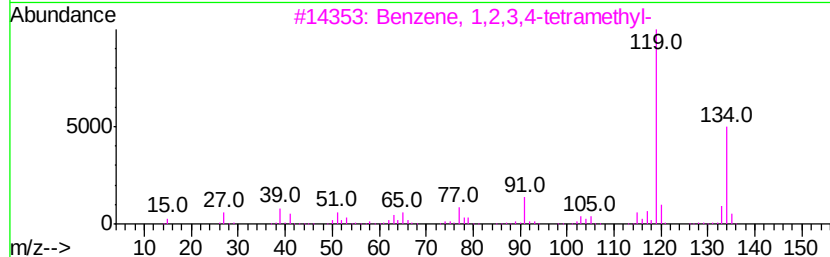
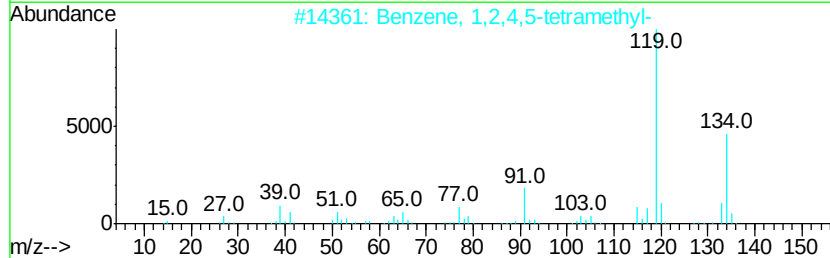
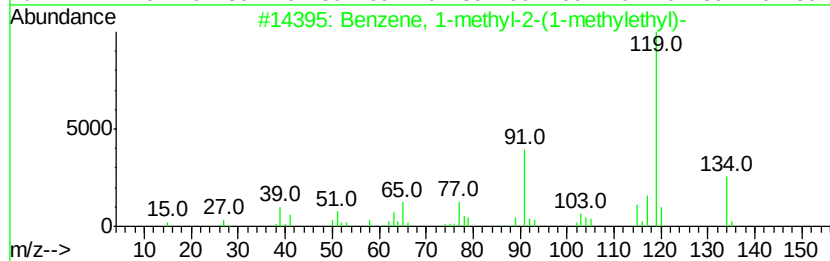
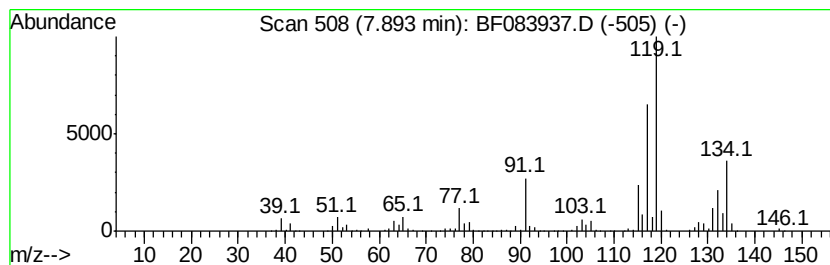
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	33.41 ng	1860590	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
Operator : UM/SJ
Sample : G4840-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

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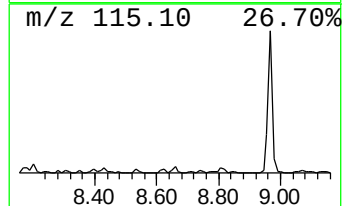
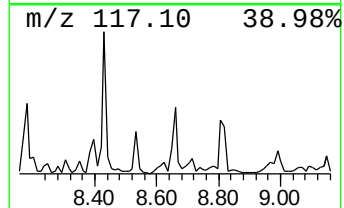
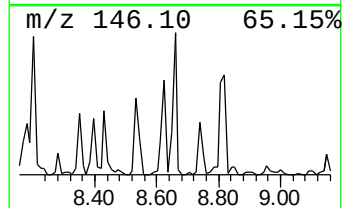
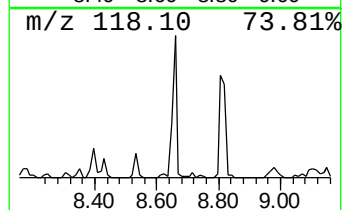
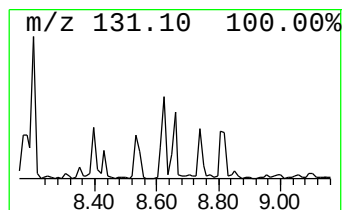
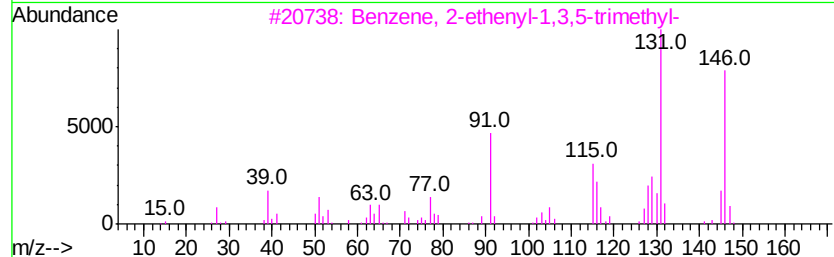
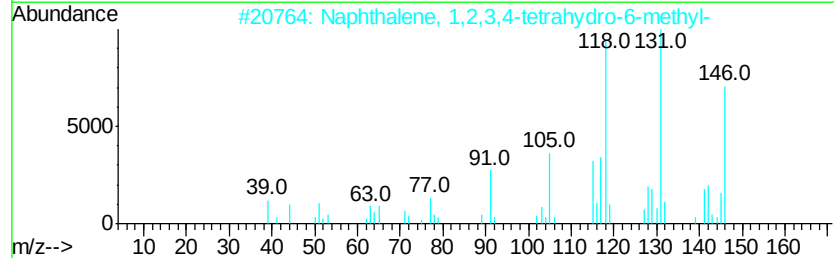
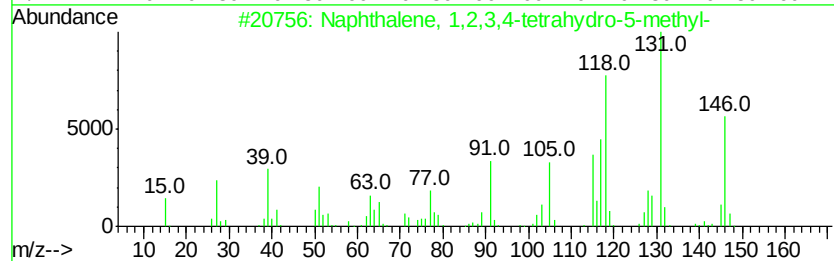
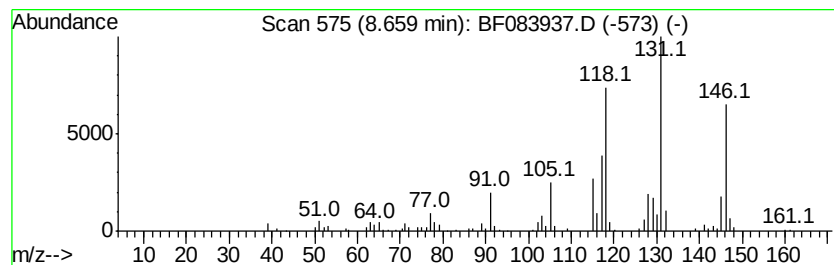
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	4.58 ng	254777	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
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ALS Vial : 36 Sample Multiplier: 1

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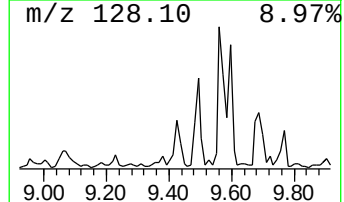
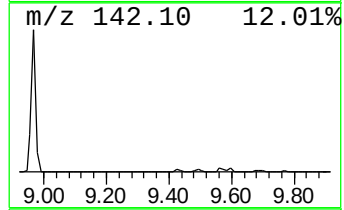
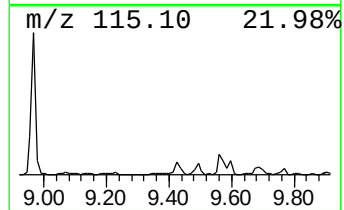
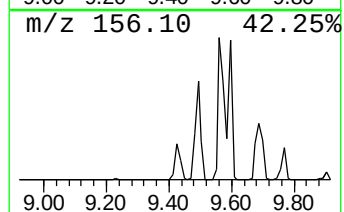
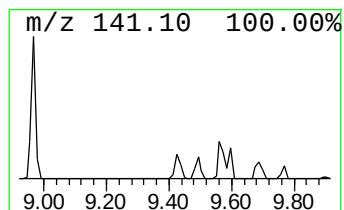
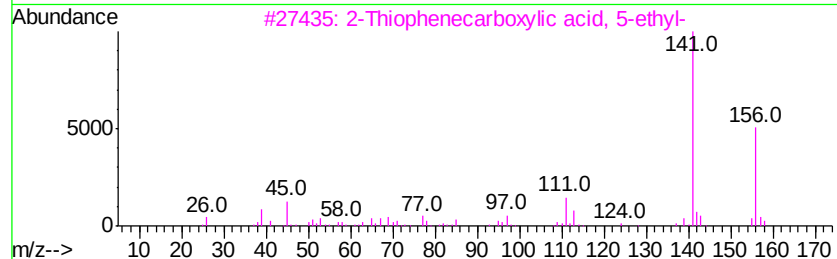
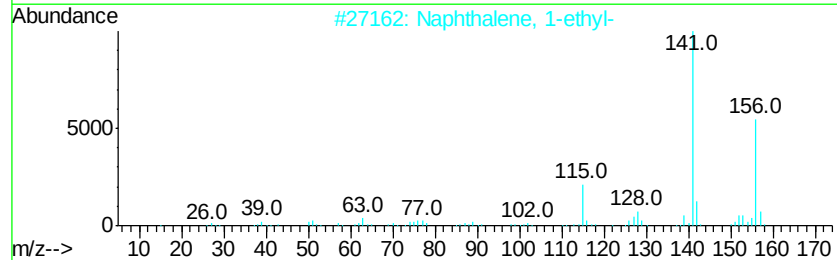
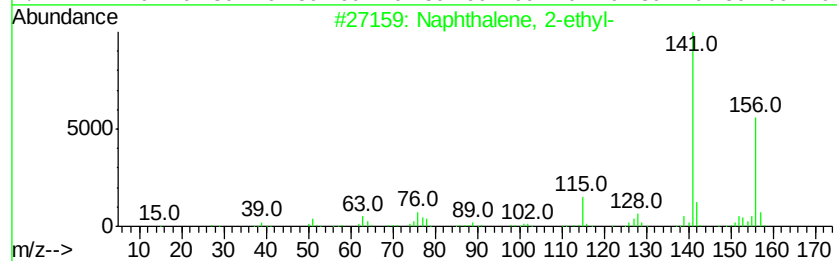
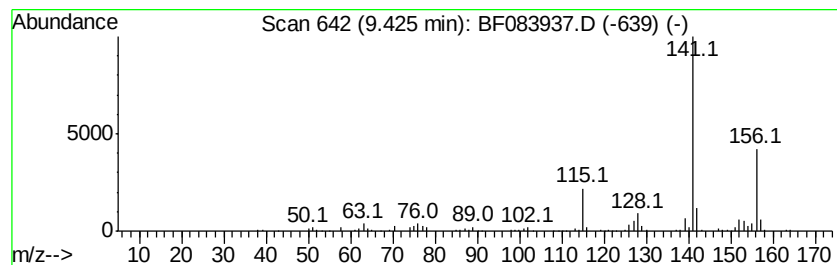
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	12.21 ng	428924	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4		Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	45
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
Operator : UM/SJ
Sample : G4840-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

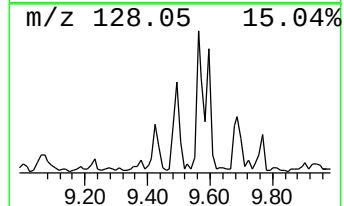
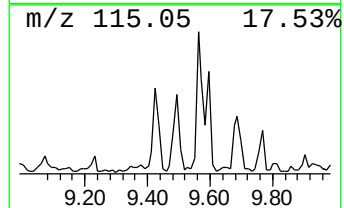
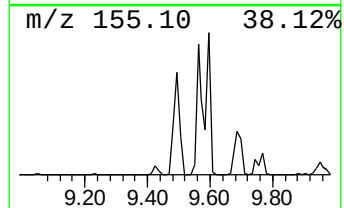
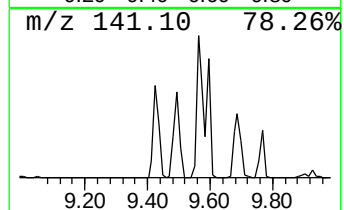
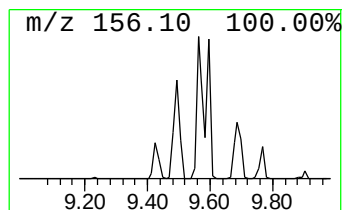
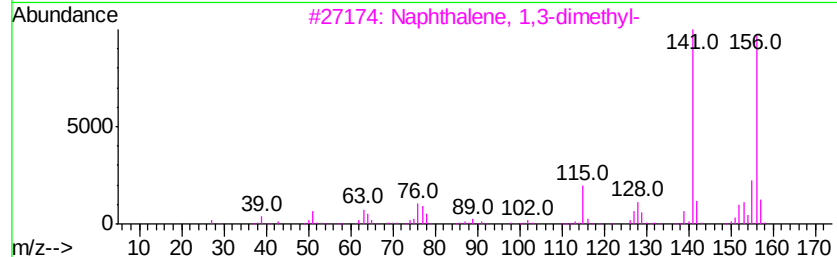
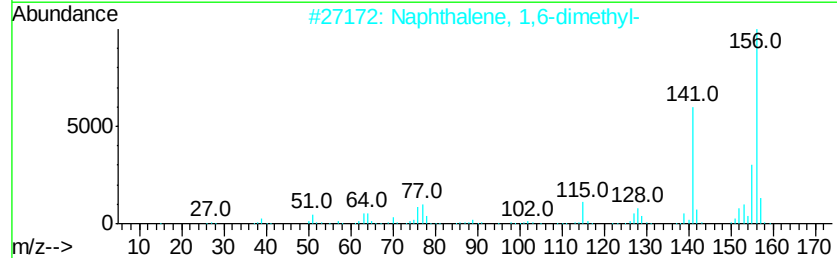
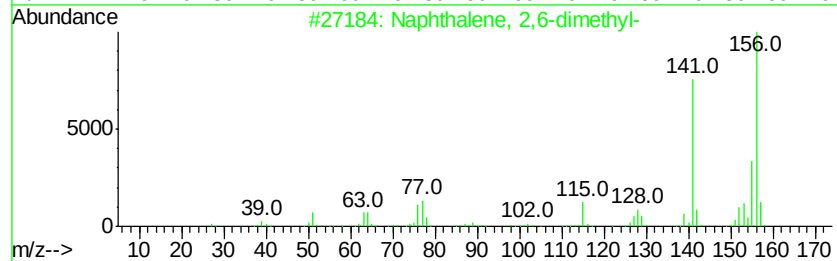
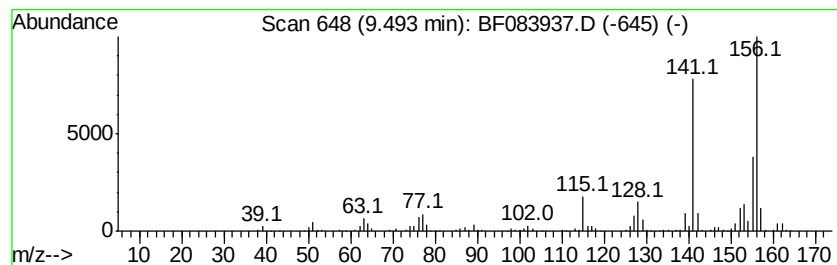
Instrument :
BNA_F
ClientSampleId :
W-13

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.49	19.34 ng	679358	Acenaphthene-d10		9.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
Operator : UM/SJ
Sample : G4840-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-13

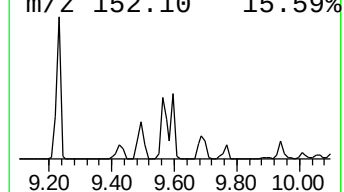
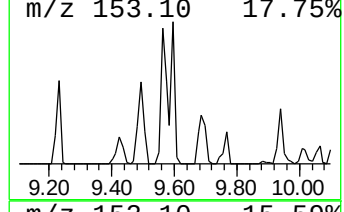
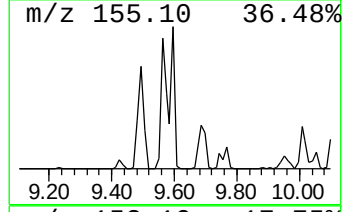
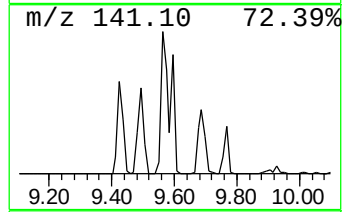
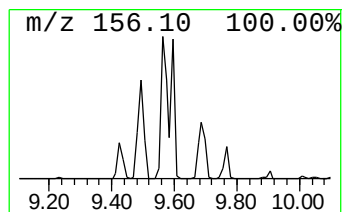
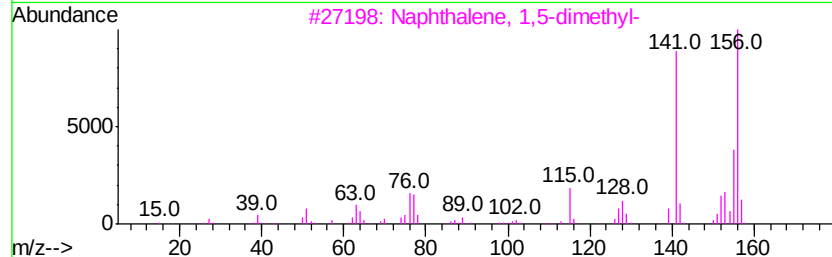
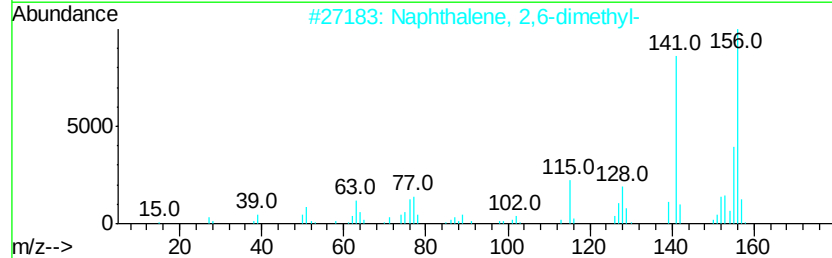
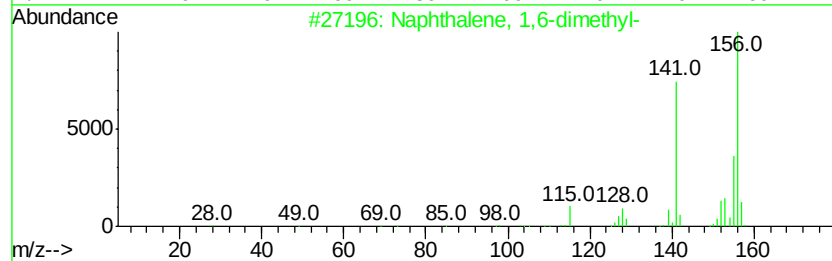
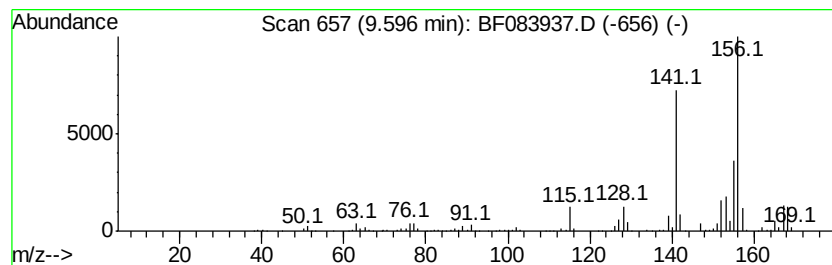
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	17.05 ng	599165	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
Operator : UM/SJ
Sample : G4840-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-13

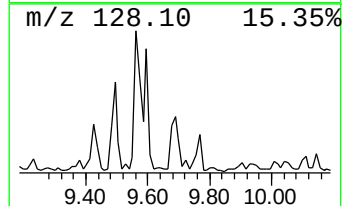
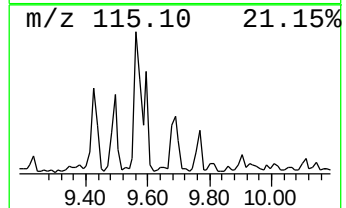
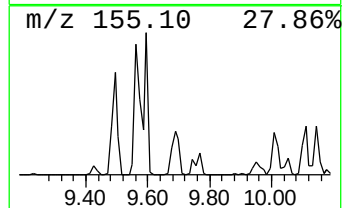
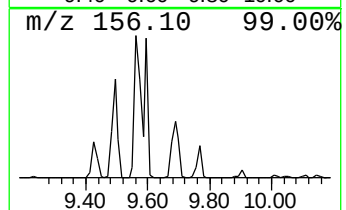
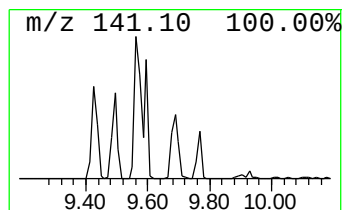
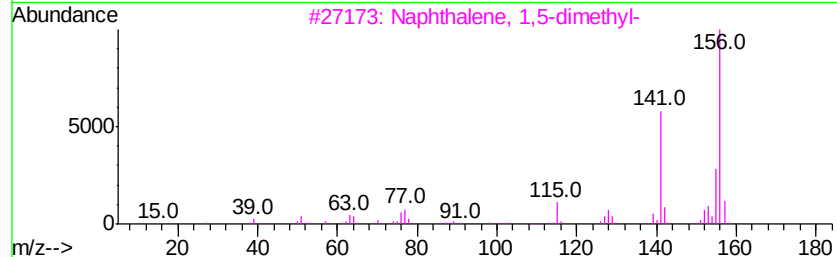
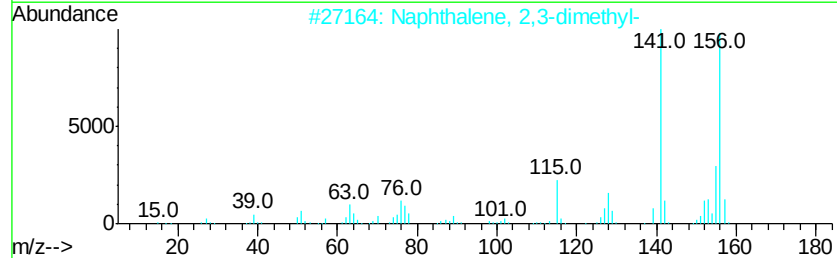
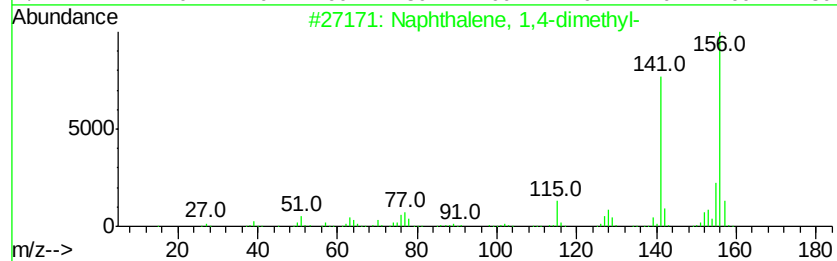
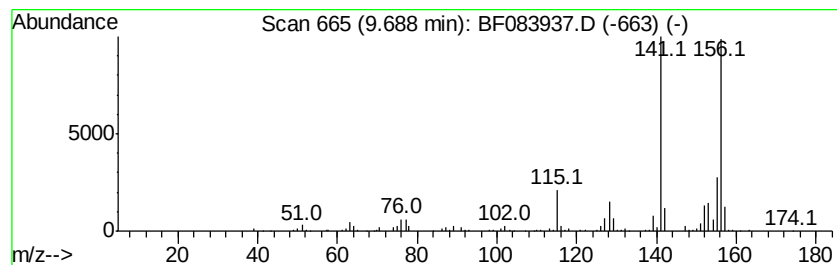
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	14.52 ng	510338	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
Operator : UM/SJ
Sample : G4840-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-13

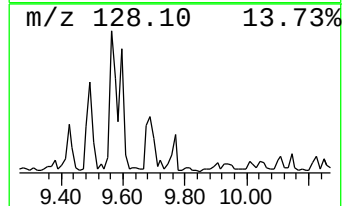
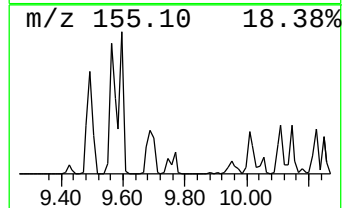
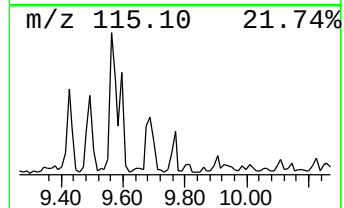
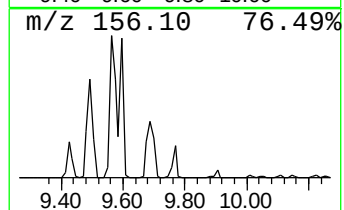
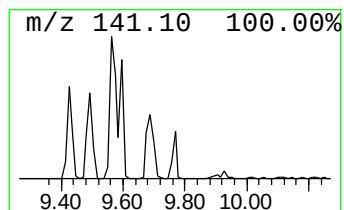
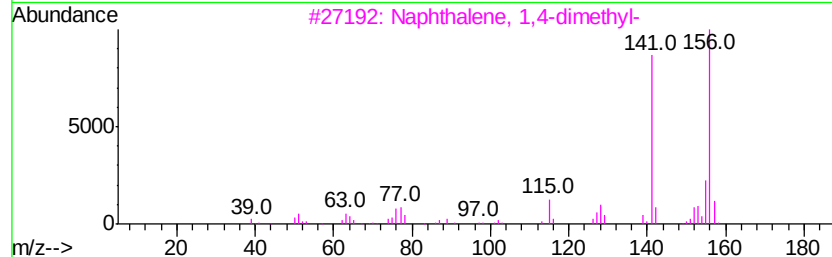
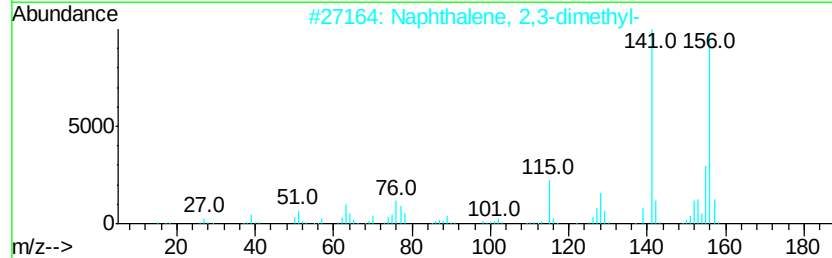
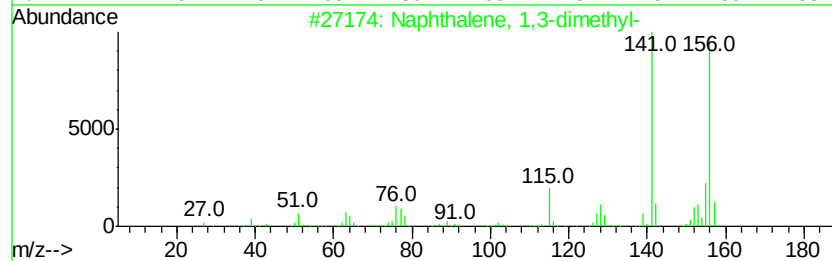
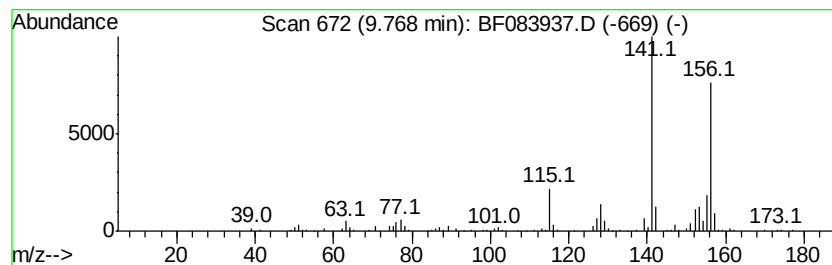
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	6.30 ng	221525	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
Operator : UM/SJ
Sample : G4840-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-13

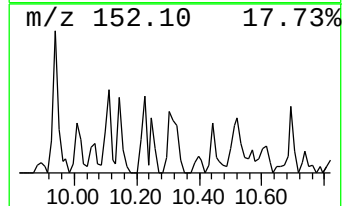
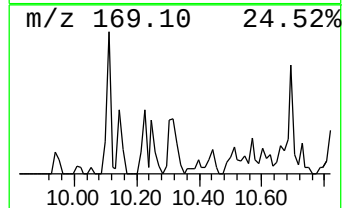
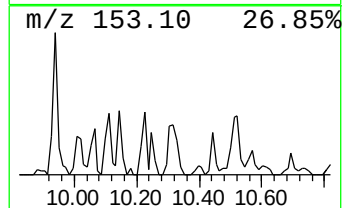
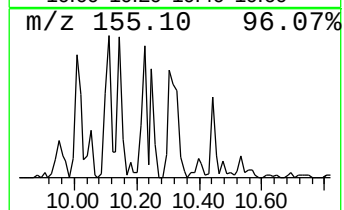
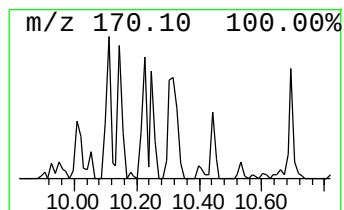
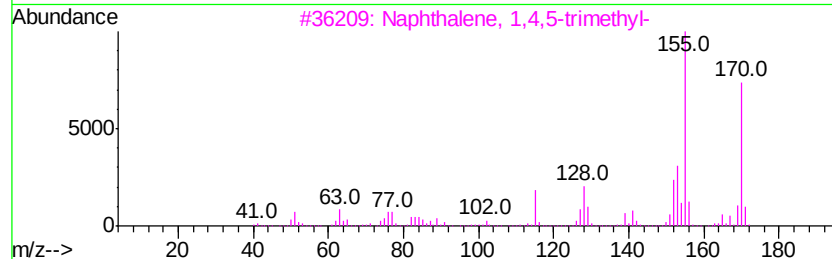
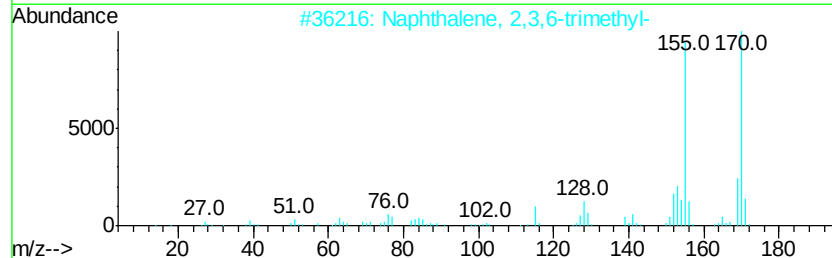
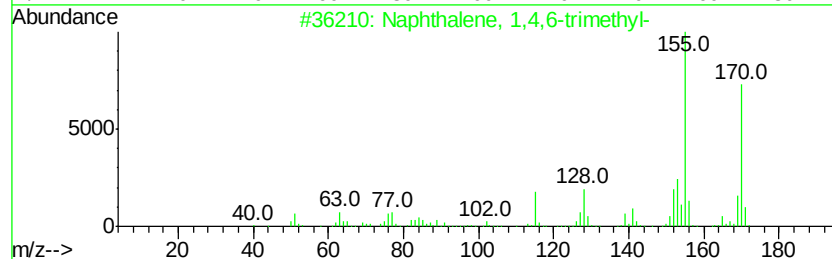
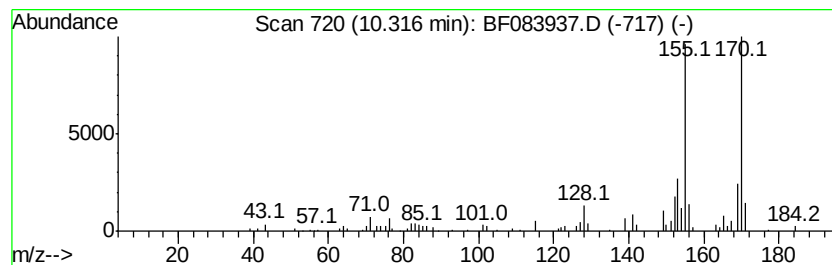
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	5.59 ng	196336	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083937.D
 Acq On : 19 Dec 2015 2:53
 Operator : UM/SJ
 Sample : G4840-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	8.8	ng	173621	1	6.86	392700	20.0
Benzene, (1-methy...	6.03	27.1	ng	532976	1	6.86	392700	20.0
unknown6.64	6.64	67.7	ng	1328690	1	6.86	392700	20.0
Benzene, 1,3-diet...	7.12	14.7	ng	288963	1	6.86	392700	20.0
Benzene, 1,2-diet...	7.21	20.4	ng	401597	1	6.86	392700	20.0
Benzene, 1,2,4,5-...	7.64	11.0	ng	611233	2	8.14	1113780	20.0
1H-Indene, 2,3-di...	7.82	8.2	ng	457405	2	8.14	1113780	20.0
Benzene, 1-methyl...	7.89	33.4	ng	1860590	2	8.14	1113780	20.0
Naphthalene, 1,2,...	8.66	4.6	ng	254777	2	8.14	1113780	20.0
Naphthalene, 2-et...	9.42	12.2	ng	428924	3	9.90	702715	20.0
Naphthalene, 2,6-...	9.49	19.3	ng	679358	3	9.90	702715	20.0
Naphthalene, 1,6-...	9.60	17.1	ng	599165	3	9.90	702715	20.0
Naphthalene, 1,4-...	9.69	14.5	ng	510338	3	9.90	702715	20.0
Naphthalene, 1,3-...	9.77	6.3	ng	221525	3	9.90	702715	20.0
Naphthalene, 1,4,...	10.32	5.6	ng	196336	3	9.90	702715	20.0