

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090652.D
 Acq On : 19 Oct 2016 17:20
 Operator : UM/SJ
 Sample : H5296-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

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-BF101316.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	5.057	236	238	248	rBV	438808	549502	8.36%	0.703%
2	5.491	274	276	278	rBV	1798389	2229130	33.90%	2.852%
3	6.520	363	366	368	rBV	1117028	1427284	21.71%	1.826%
4	6.657	375	378	380	rBV	3705148	4314264	65.61%	5.519%
5	6.886	396	398	409	rBV	1281555	1322892	20.12%	1.692%
6	7.046	409	412	414	rVV	3876476	4255416	64.72%	5.444%
7	7.137	418	420	422	rVV	517580	459731	6.99%	0.588%
8	7.229	424	428	430	rVB	250695	251800	3.83%	0.322%
9	7.457	442	448	453	rBV2	3221355	5577329	84.82%	7.135%
10	7.537	453	455	456	rVV	141840	207379	3.15%	0.265%
11	7.583	456	459	461	rVV	105865	189172	2.88%	0.242%
12	7.663	462	466	468	rVB	649460	774454	11.78%	0.991%
13	7.777	474	476	478	rVB	216000	190938	2.90%	0.244%
14	7.846	478	482	485	rBV3	697418	1097940	16.70%	1.405%
15	7.914	485	488	489	rBV	2223256	2605781	39.63%	3.334%
16	7.949	489	491	492	rVV2	120592	164949	2.51%	0.211%
17	7.983	492	494	498	rVB4	97907	193805	2.95%	0.248%
18	8.040	498	499	501	rBV	167200	161582	2.46%	0.207%
19	8.109	503	505	506	rVV	66966	102456	1.56%	0.131%
20	8.166	506	510	513	rVV3	1896915	3637118	55.31%	4.653%
21	8.223	513	515	516	rVV	692459	755333	11.49%	0.966%
22	8.257	516	518	520	rVV	212539	275288	4.19%	0.352%
23	8.303	520	522	523	rVV2	79365	95498	1.45%	0.122%
24	8.326	523	524	525	rVV	147329	129894	1.98%	0.166%
25	8.372	525	528	530	rVV	983201	984381	14.97%	1.259%
26	8.417	530	532	533	rVV	897261	793150	12.06%	1.015%
27	8.452	533	535	538	rVV3	515177	661493	10.06%	0.846%
28	8.497	538	539	540	rVV	135302	116665	1.77%	0.149%
29	8.555	542	544	547	rVB	705095	746678	11.36%	0.955%
30	8.646	549	552	553	rVV	630991	823075	12.52%	1.053%
31	8.680	553	555	558	rVV3	707651	1005350	15.29%	1.286%
32	8.737	558	560	561	rVV2	273160	351428	5.34%	0.450%
33	8.760	561	562	564	rVV2	522035	539054	8.20%	0.690%
34	8.806	564	566	567	rVV2	208082	363161	5.52%	0.465%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.829	567	568	570	rVV	947947	1308553	19.90%	1.674%
36	8.863	570	571	573	rVV2	162875	208940	3.18%	0.267%
37	8.920	573	576	577	rVV3	102244	180242	2.74%	0.231%
38	9.000	579	583	584	rVV2	575155	954235	14.51%	1.221%
39	9.080	587	590	591	rVV2	137727	300873	4.58%	0.385%
40	9.115	591	593	597	rVV3	293675	577649	8.79%	0.739%
41	9.183	597	599	600	rVV2	125512	243936	3.71%	0.312%
42	9.217	600	602	603	rVV2	191013	303814	4.62%	0.389%
43	9.252	603	605	607	rVV	6388649	6111842	92.95%	7.819%
44	9.286	607	608	612	rVV2	146716	307494	4.68%	0.393%
45	9.355	612	614	616	rVV2	154428	260914	3.97%	0.334%
46	9.400	616	618	622	rVV2	512747	947374	14.41%	1.212%
47	9.457	622	623	625	rVV	211758	211242	3.21%	0.270%
48	9.515	625	628	630	rVV2	532268	867819	13.20%	1.110%
49	9.583	631	634	637	rVV2	1072239	1656315	25.19%	2.119%
50	9.640	637	639	643	rVV2	235209	509547	7.75%	0.652%
51	9.720	643	646	647	rVV	461097	848091	12.90%	1.085%
52	9.789	649	652	654	rVB	237435	221729	3.37%	0.284%
53	9.926	662	664	666	rBV	2470406	2408332	36.63%	3.081%
54	9.960	666	667	669	rVV2	397773	377672	5.74%	0.483%
55	10.029	672	673	676	rVB	129330	209233	3.18%	0.268%
56	10.086	676	678	680	rBV3	88396	123538	1.88%	0.158%
57	10.132	680	682	684	rVV2	444442	454642	6.91%	0.582%
58	10.166	684	685	687	rVB	159662	182164	2.77%	0.233%
59	10.246	690	692	694	rBV	349251	396233	6.03%	0.507%
60	10.338	697	700	704	rVB2	173343	403657	6.14%	0.516%
61	10.440	706	709	710	rBV2	90695	130415	1.98%	0.167%
62	10.475	710	712	715	rBV	388981	429550	6.53%	0.550%
63	10.543	715	718	721	rBV	793189	840753	12.79%	1.076%
64	10.726	731	734	736	rBV2	2743144	3867346	58.82%	4.948%
65	10.841	742	744	747	rVB2	272457	305893	4.65%	0.391%
66	11.023	757	760	761	rBV2	90109	162451	2.47%	0.208%
67	11.058	761	763	765	rVV2	164814	196439	2.99%	0.251%
68	11.412	792	794	797	rBV	1872328	2007175	30.53%	2.568%
69	11.469	797	799	802	rVB	99702	110934	1.69%	0.142%
70	11.526	802	804	807	rVB	82350	86147	1.31%	0.110%
71	11.663	814	816	818	rVB2	46904	70431	1.07%	0.090%

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72	11.949	839	841	843	rBV	109767	108349	1.65%	0.139%
73	12.178	859	861	865	rBV2	281414	391520	5.95%	0.501%
74	12.384	875	879	883	rBV2	90194	198687	3.02%	0.254%
75	12.464	883	886	890	rBV	184456	307142	4.67%	0.393%
76	12.555	892	894	896	rBV	74047	107853	1.64%	0.138%
77	12.601	896	898	899	rVV	81726	75462	1.15%	0.097%
78	12.681	902	905	908	rBV2	48057	73825	1.12%	0.094%
79	12.829	915	918	919	rVB2	42423	67098	1.02%	0.086%
80	12.886	921	923	928	rVB3	38029	77603	1.18%	0.099%
81	13.012	931	934	936	rBV	4732314	6575383	100.00%	8.412%
82	13.538	978	980	984	rBV3	58718	96686	1.47%	0.124%
83	13.904	1010	1012	1016	rVB2	67100	99954	1.52%	0.128%
84	14.052	1023	1025	1028	rBV	1498446	1993214	30.31%	2.550%
85	14.909	1097	1100	1102	rBV	58469	85795	1.30%	0.110%
86	15.504	1149	1152	1162	rVB	1273292	1768884	26.90%	2.263%

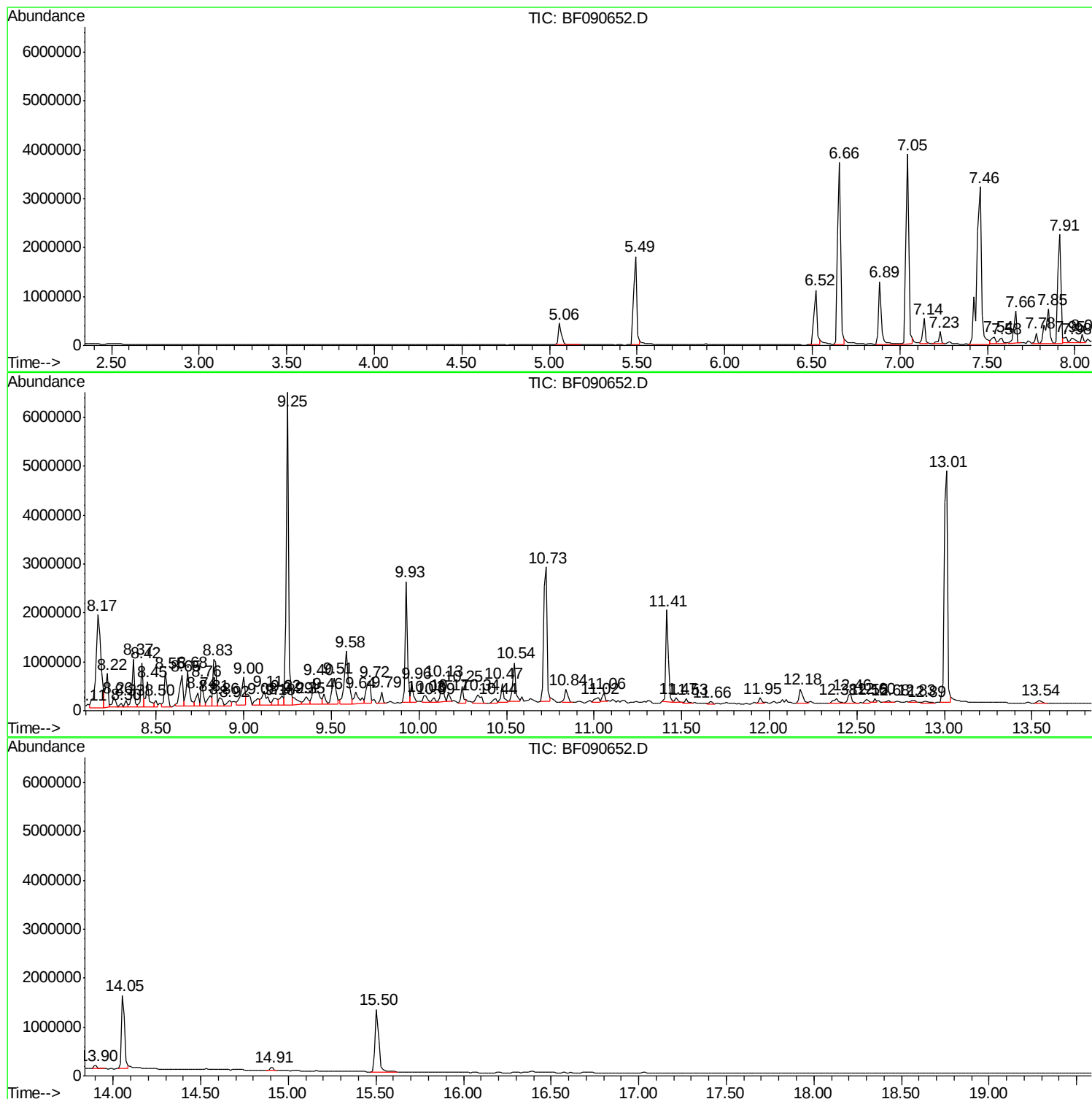
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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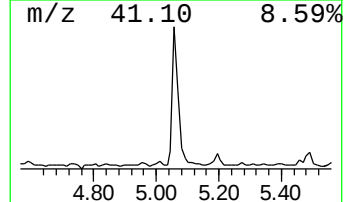
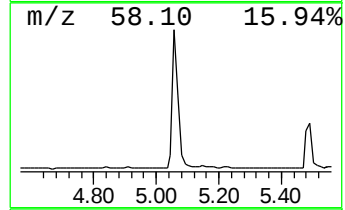
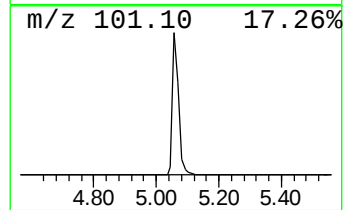
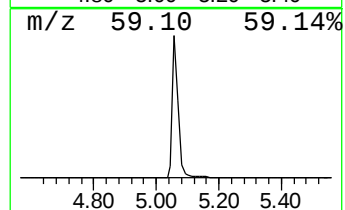
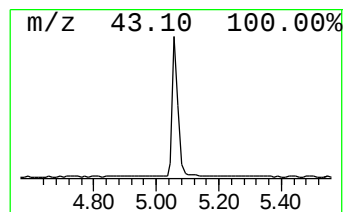
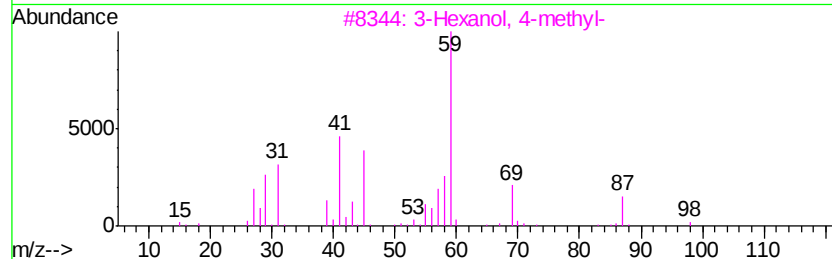
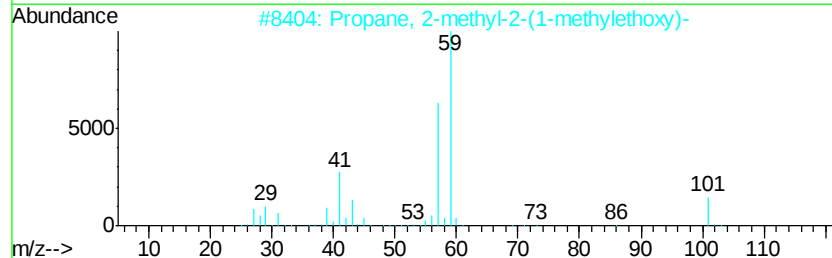
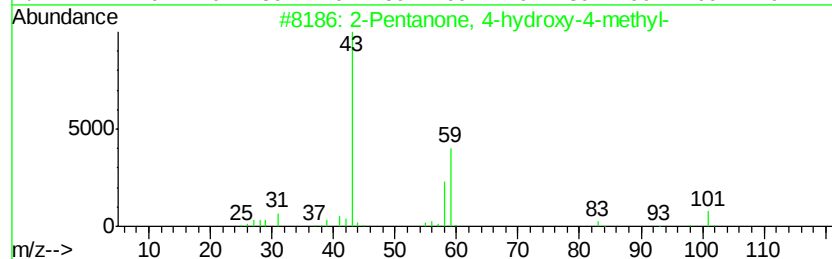
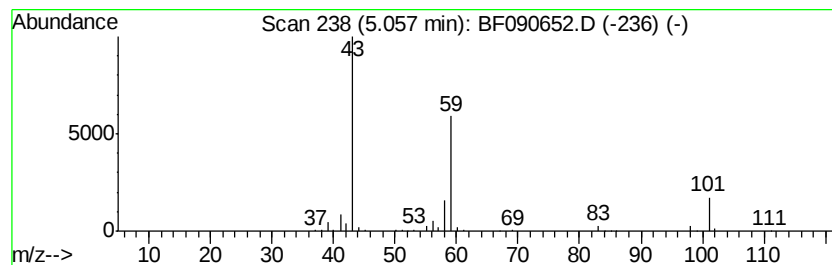
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	8.31 ng	549502	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		3-Octanol	130	C8H18O	000589-98-0	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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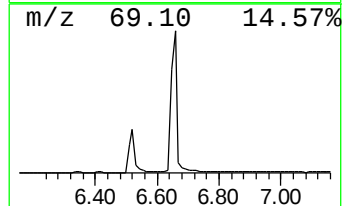
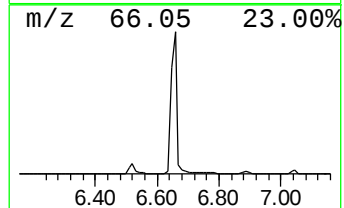
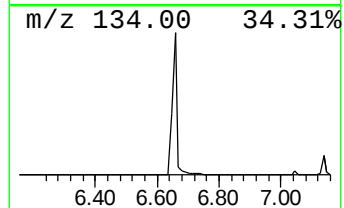
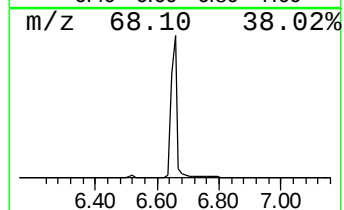
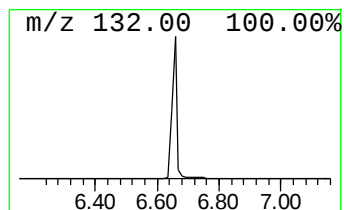
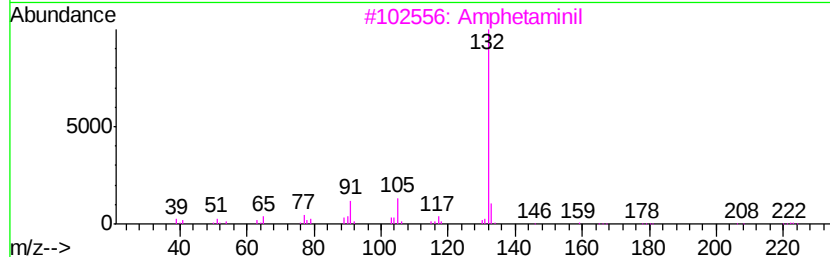
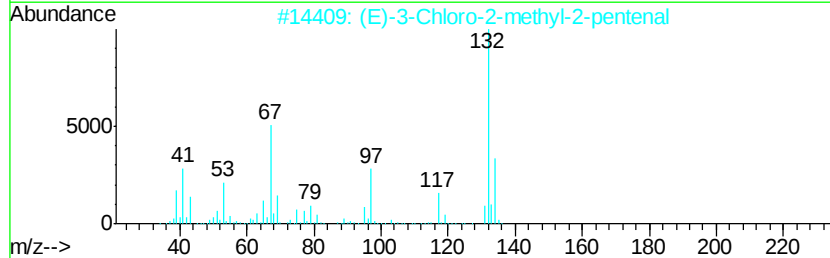
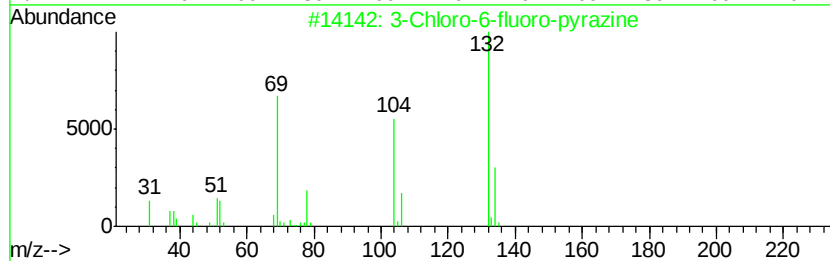
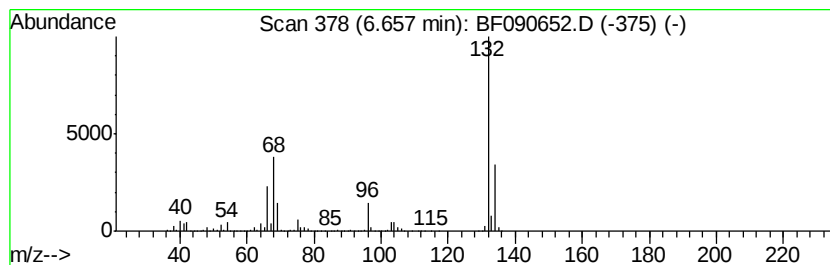
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	65.22 ng	4314260	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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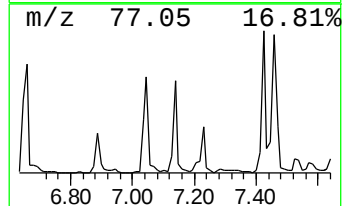
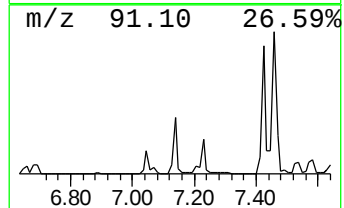
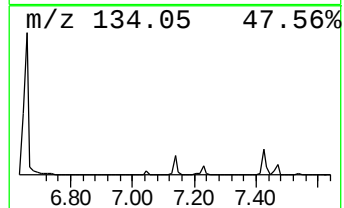
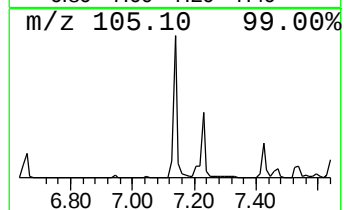
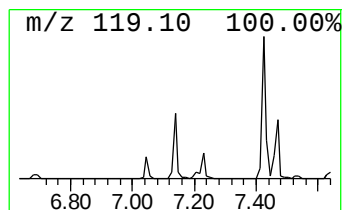
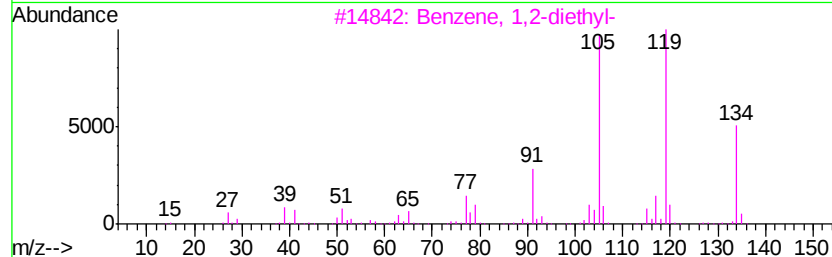
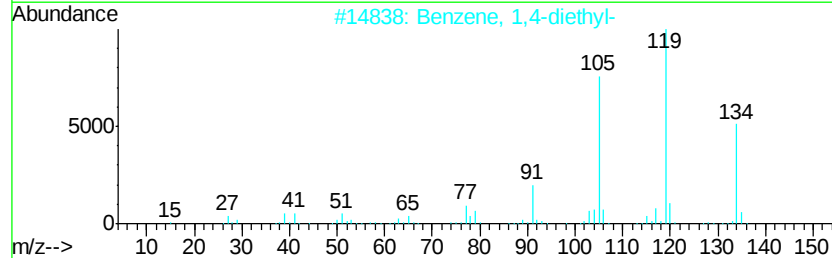
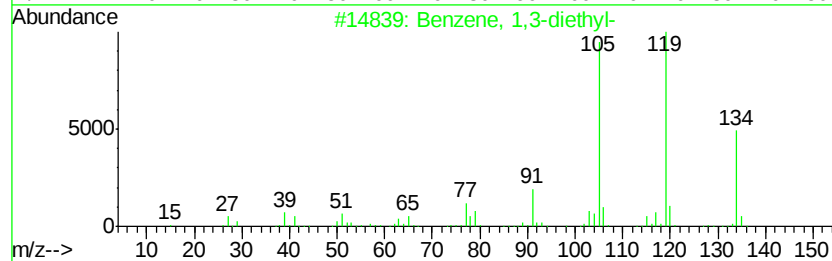
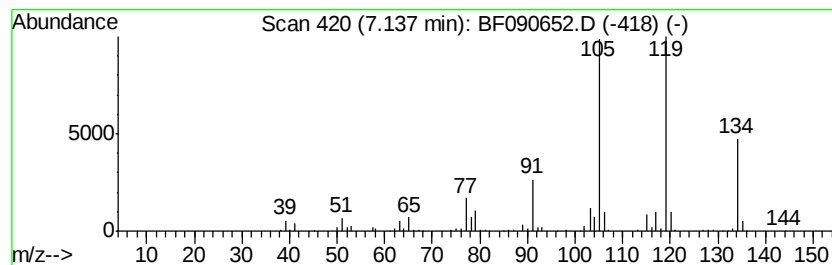
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	6.95 ng	459731	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5			o-Cymene	134	C10H14	000527-84-4	81



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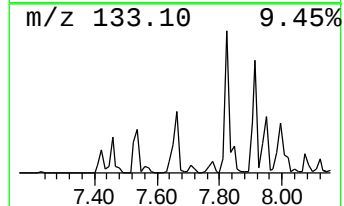
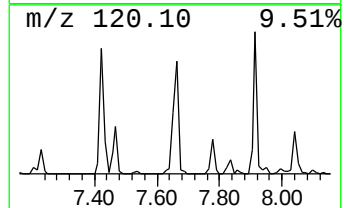
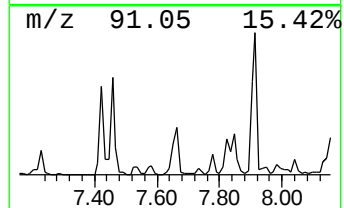
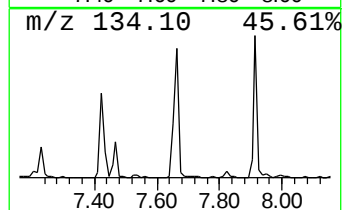
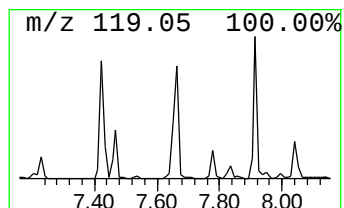
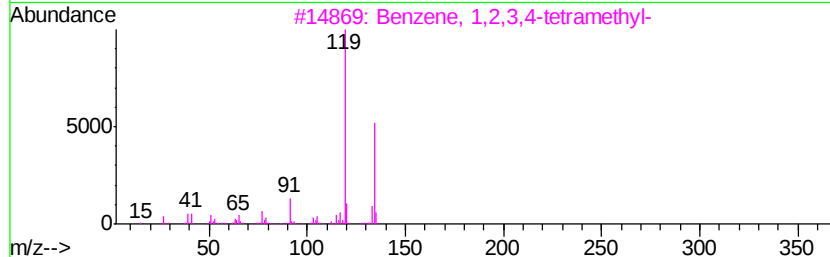
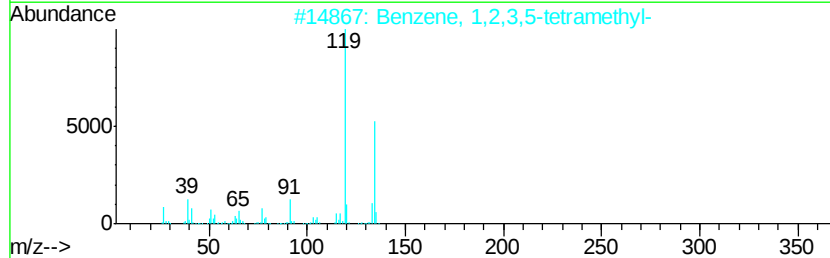
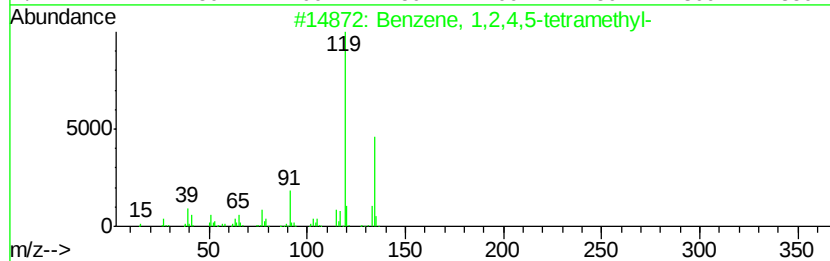
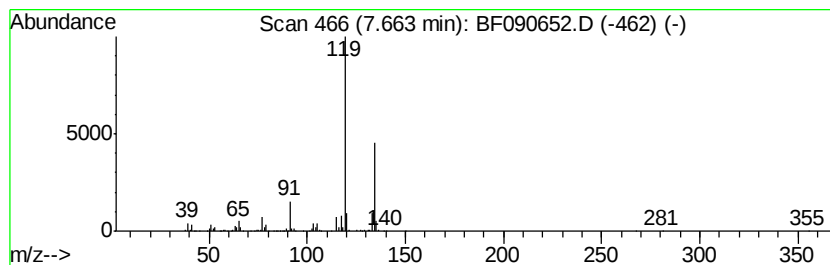
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	4.26 ng	774454	Naphthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97	
2	Benzene,	1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97	
3	Benzene,	1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97	
4	o-Cymene		134	C10H14	000527-84-4	94	
5	Benzene,	2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
Sample : H5296-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

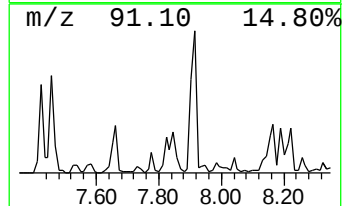
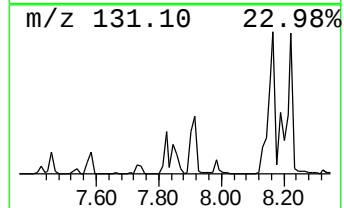
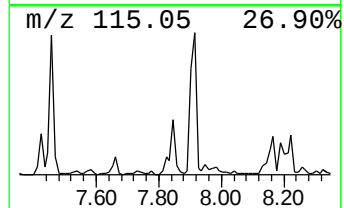
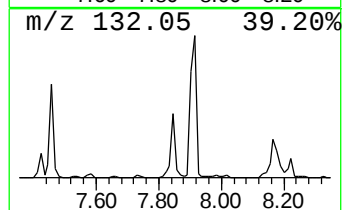
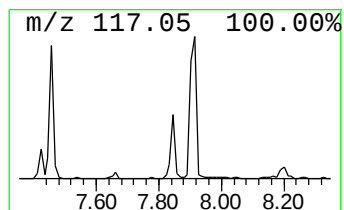
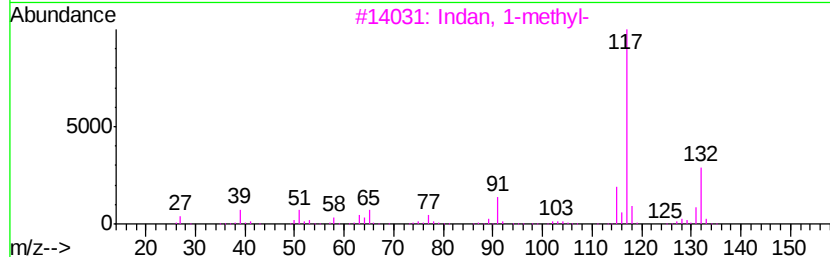
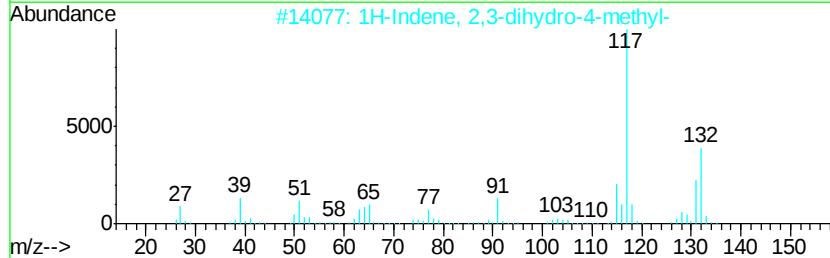
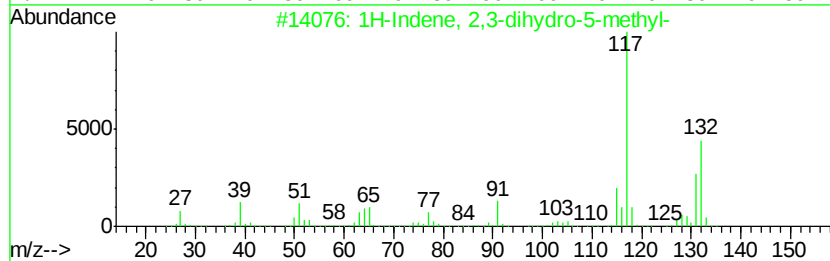
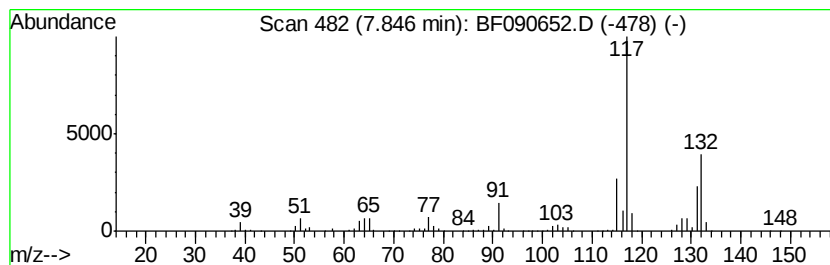
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	6.04 ng	1097940	Naphthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3			Indan, 1-methyl-	132	C10H12	000767-58-8	93
4			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
Sample : H5296-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

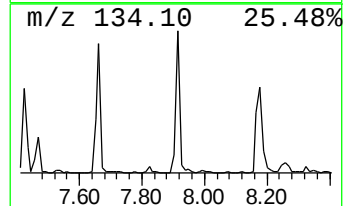
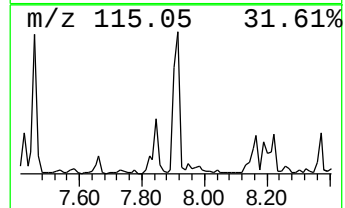
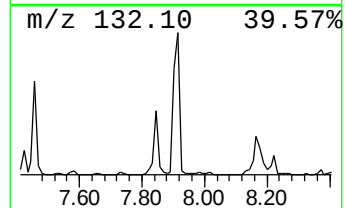
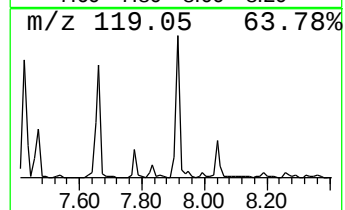
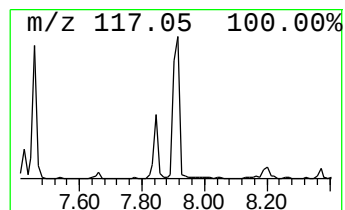
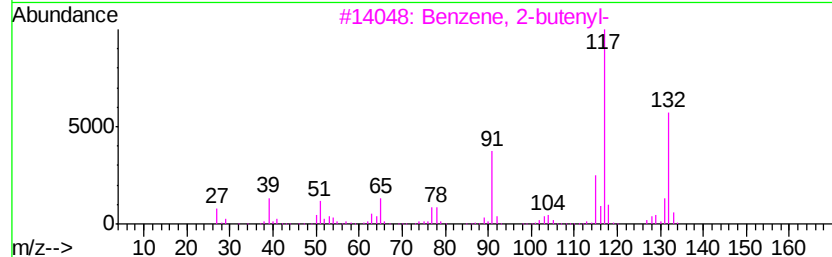
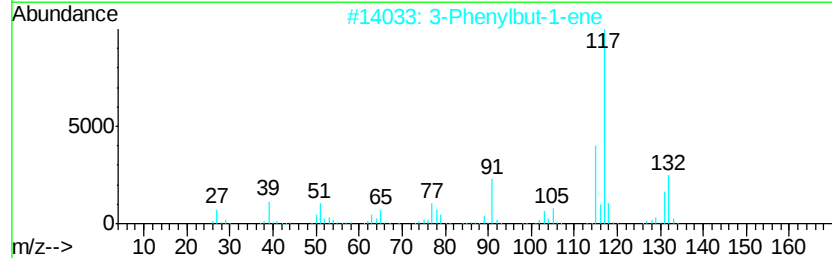
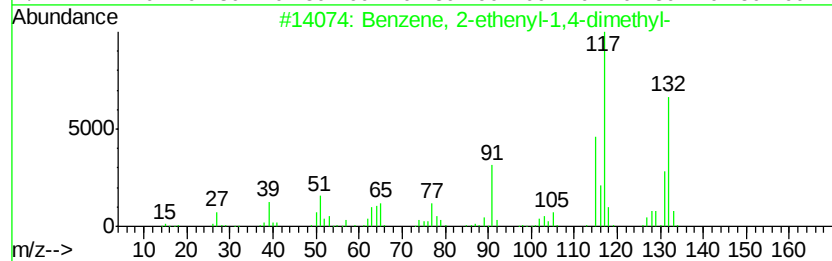
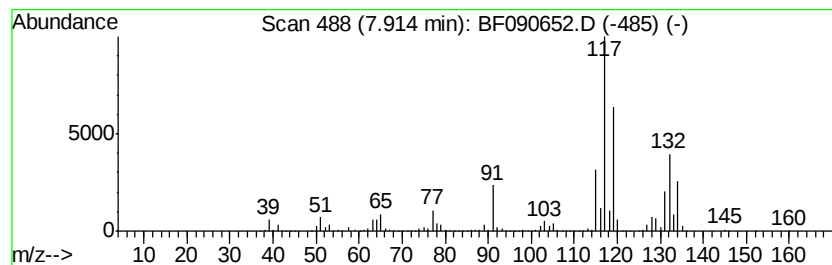
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	14.33 ng	2605780	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
Sample : H5296-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

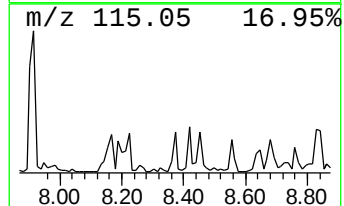
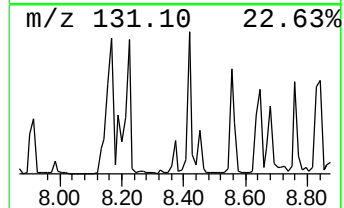
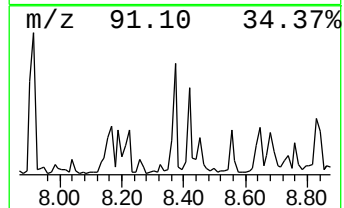
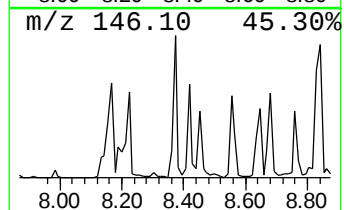
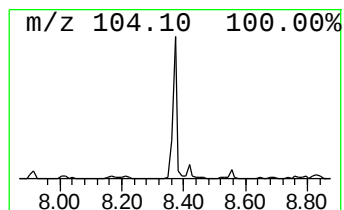
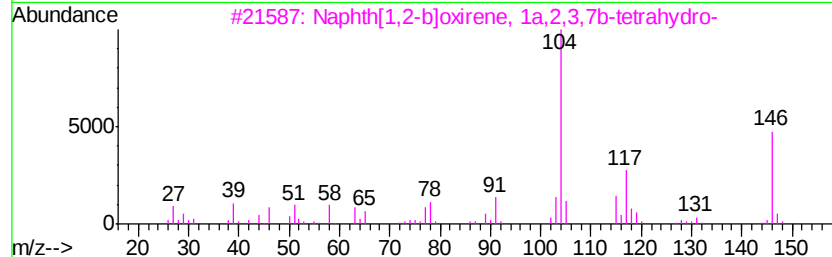
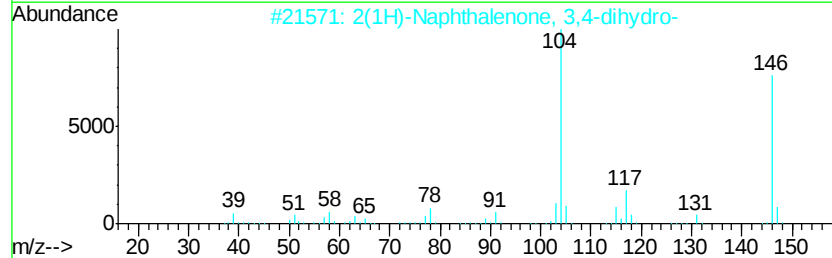
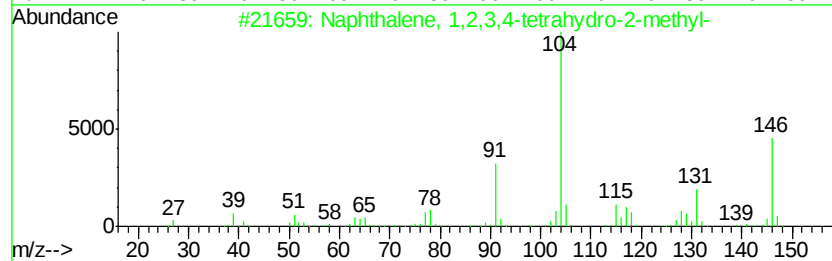
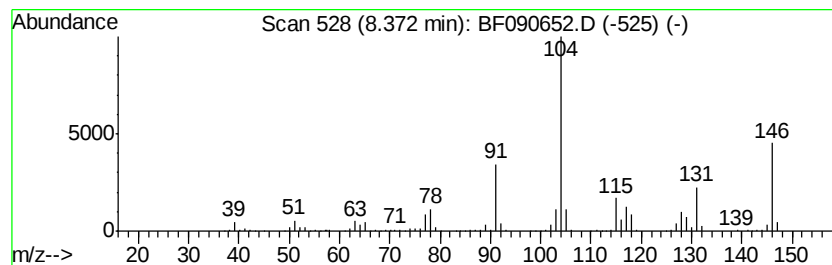
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	5.41 ng	984381	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	72
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4		2-Propenoic acid, 3-phenyl-, 2-p...	252	C17H16O2	000103-53-7	38
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OWL-C4-GW

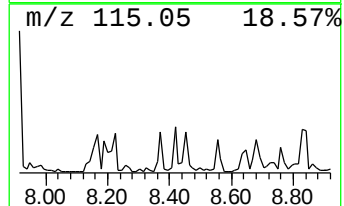
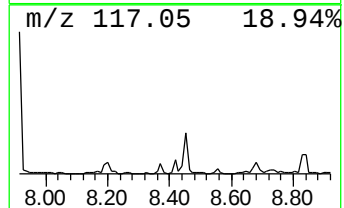
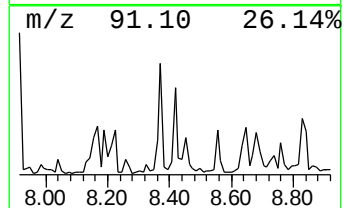
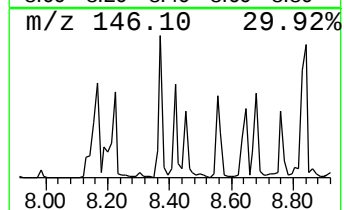
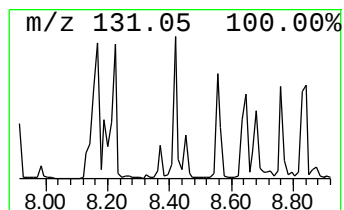
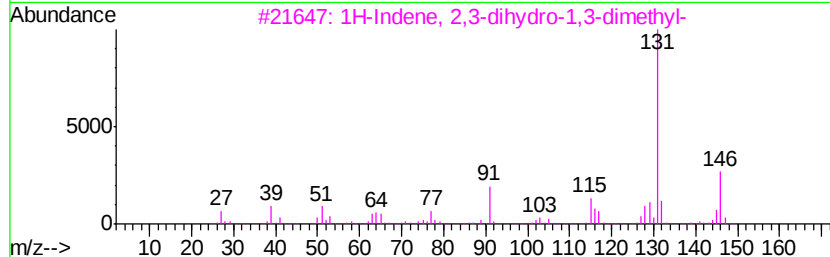
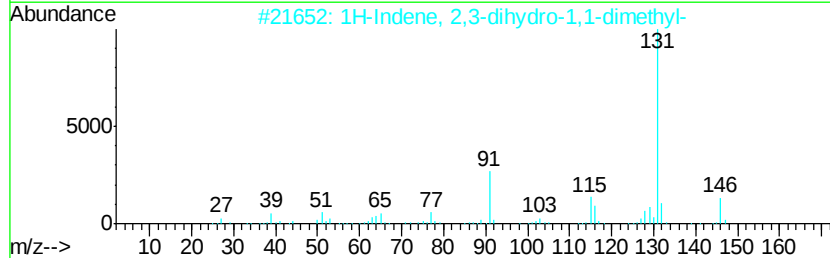
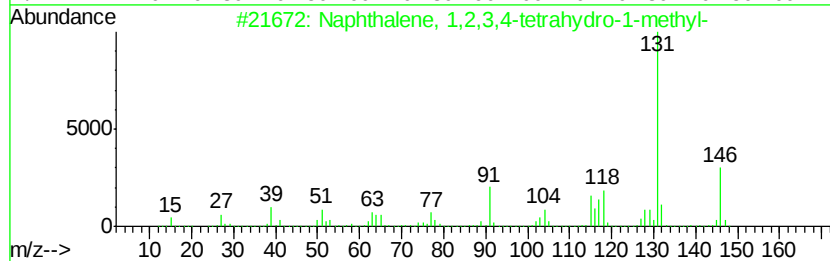
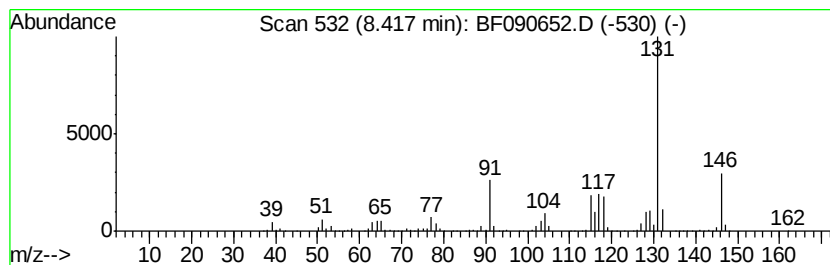
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	4.36 ng	793150	Naphthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	97
2			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

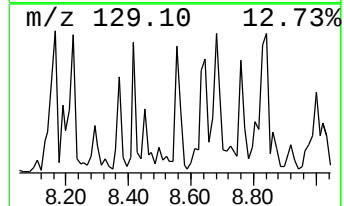
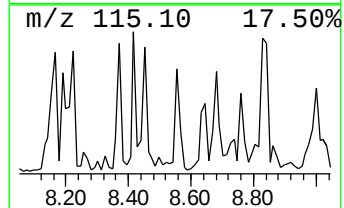
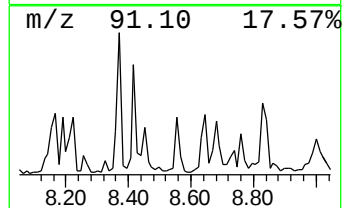
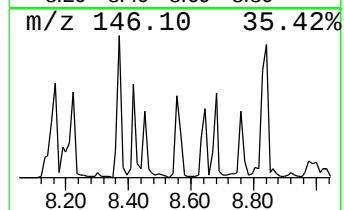
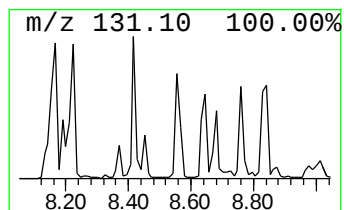
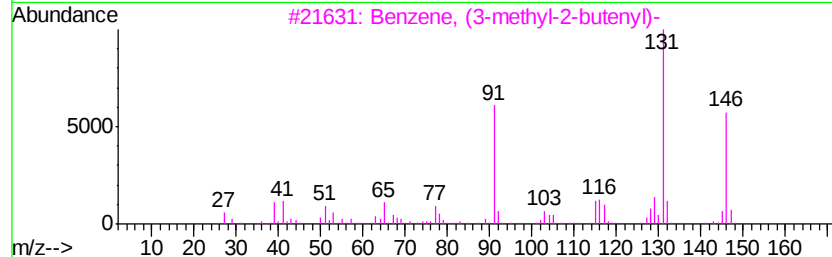
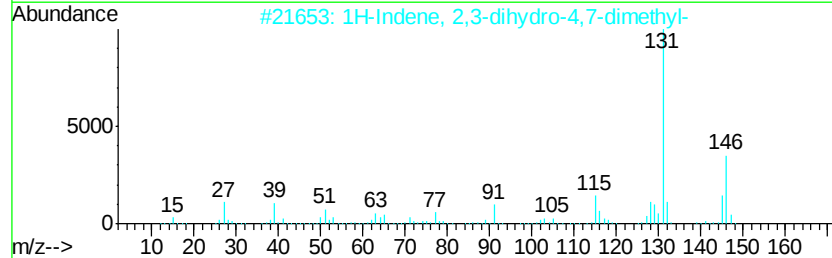
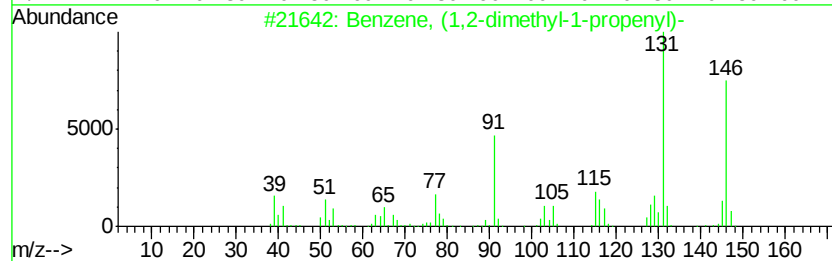
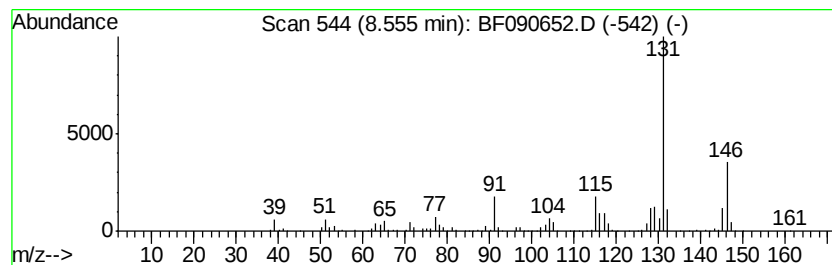
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	4.11 ng	746678	Naphthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	97
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	95
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
Sample : H5296-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
OWL-C4-GW

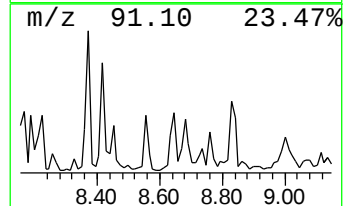
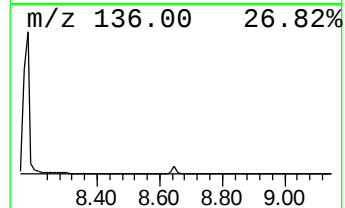
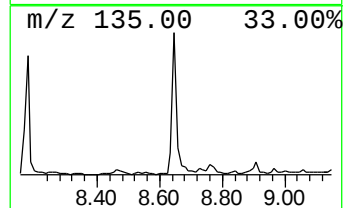
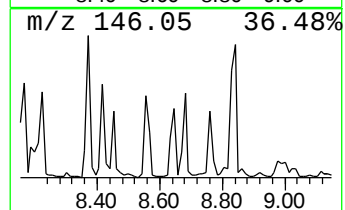
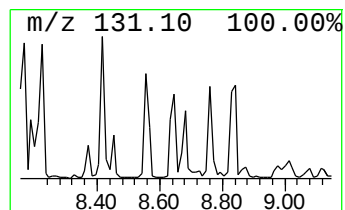
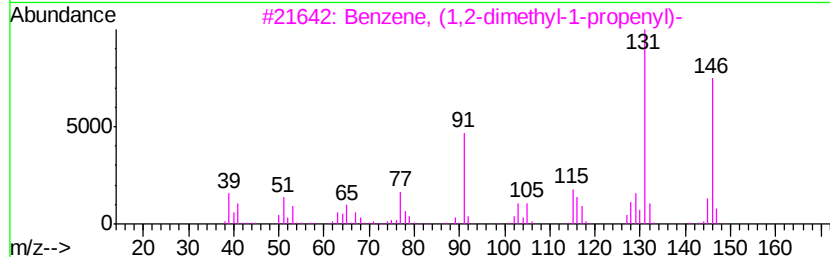
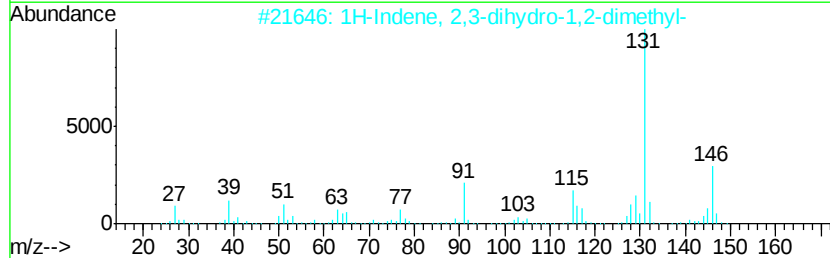
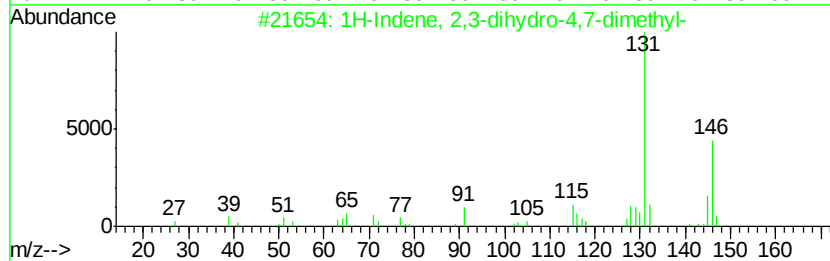
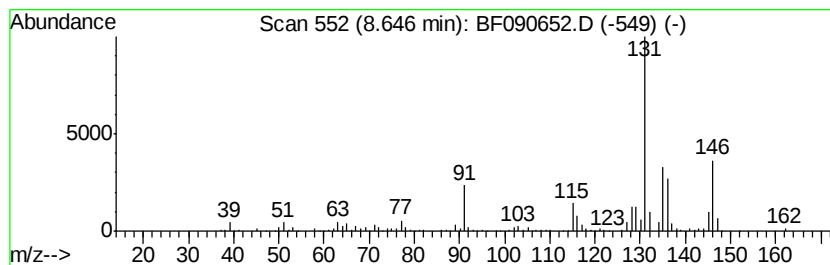
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	4.53 ng	823075	Naphthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	89
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
Sample : H5296-02
Misc :
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Instrument :
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ClientSampleId :
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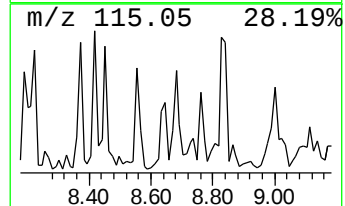
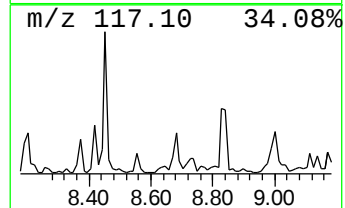
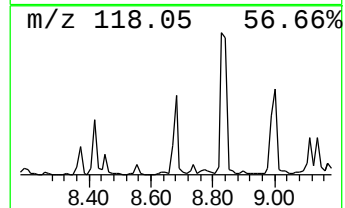
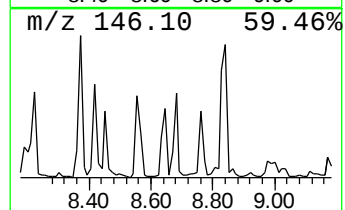
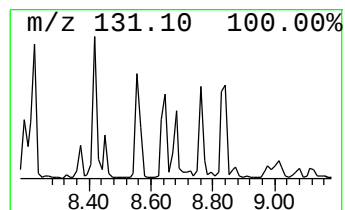
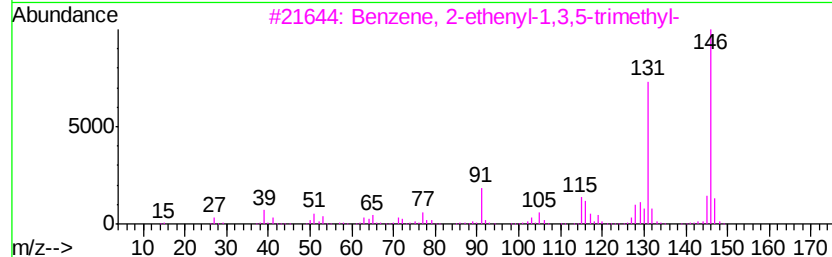
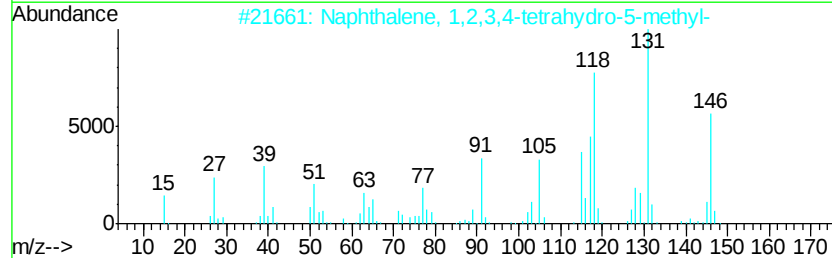
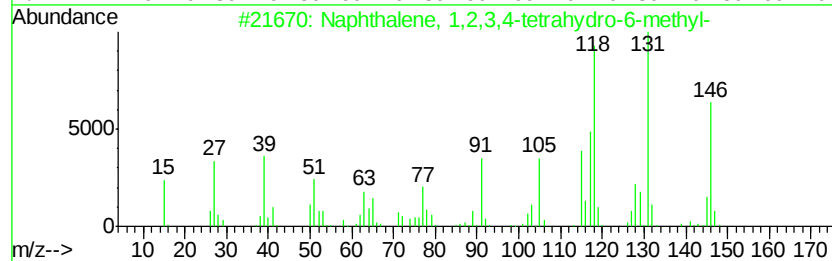
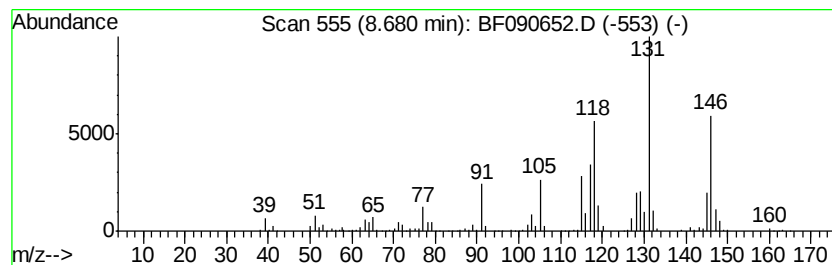
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	5.53 ng	1005350	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	76
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
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ClientSampleId :
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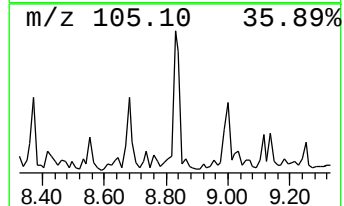
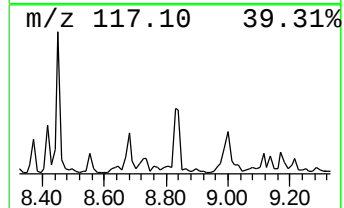
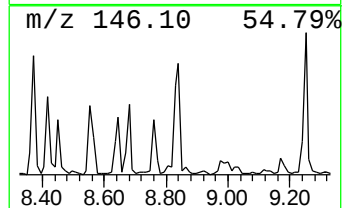
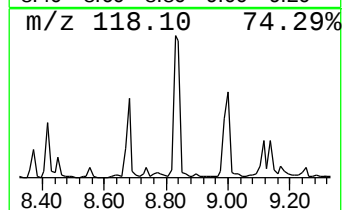
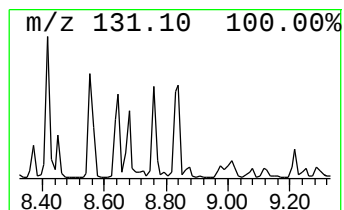
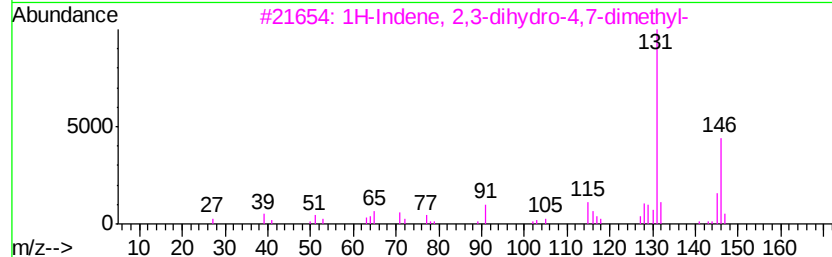
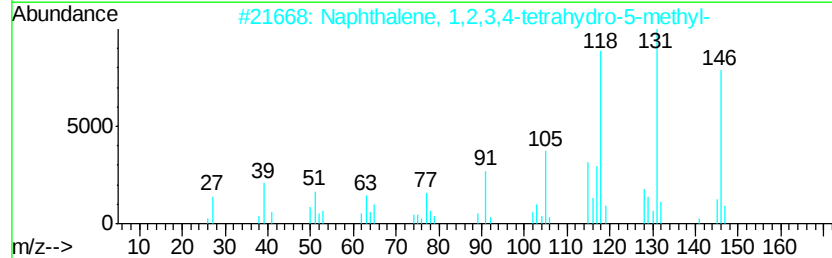
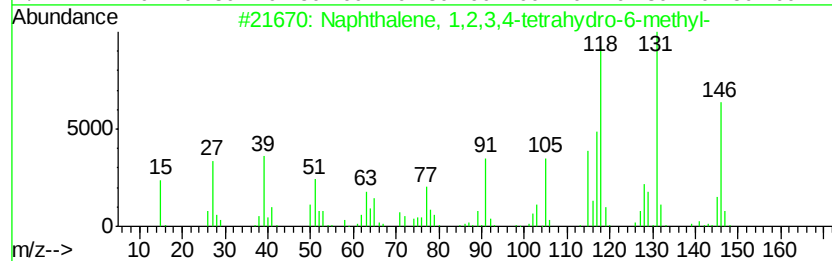
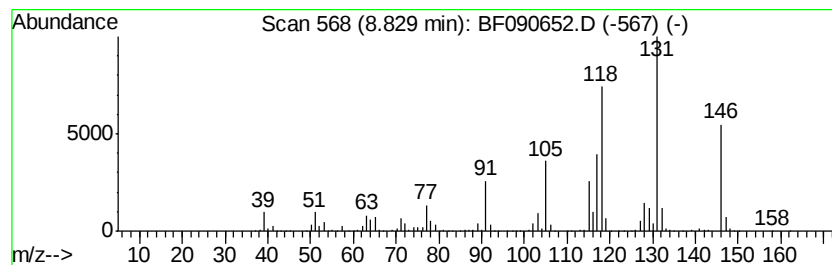
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown8.83 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	7.20 ng	1308550	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
4		Benzene, (2-methyl-1-butenvl)-	146	C11H14	056253-64-6	55
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
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Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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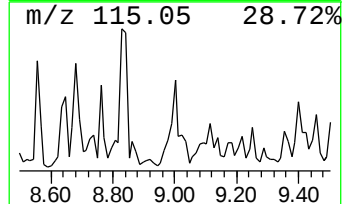
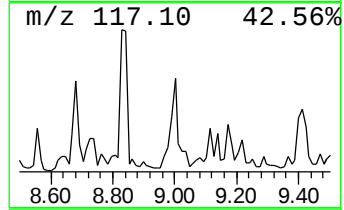
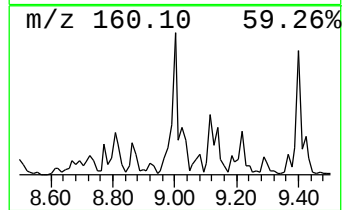
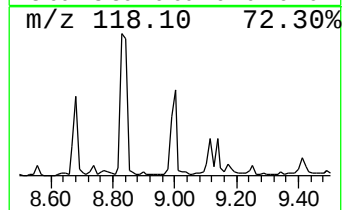
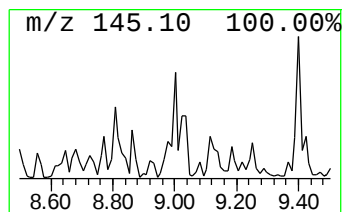
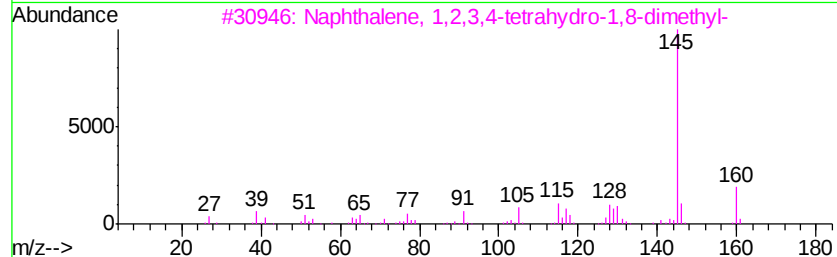
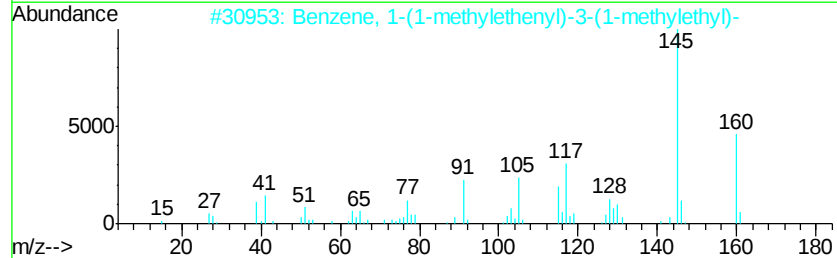
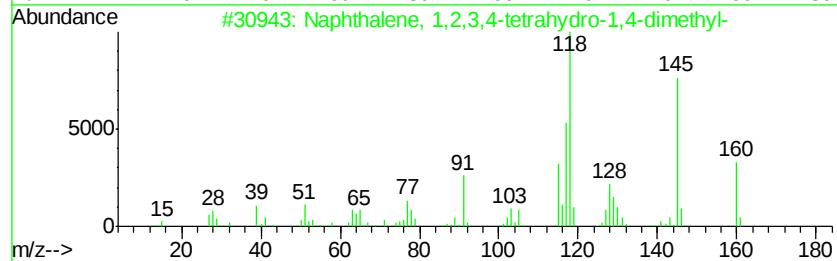
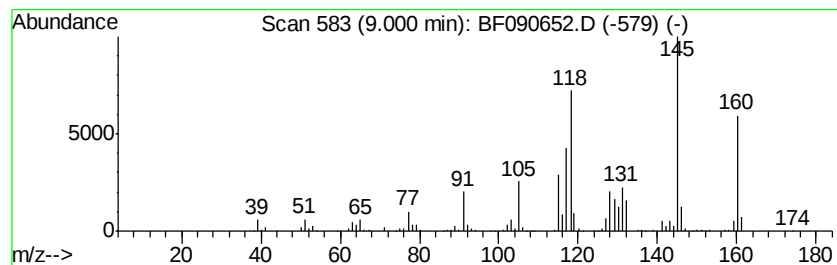
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	5.25 ng	954235	Naphthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	95
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	68
4			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	60
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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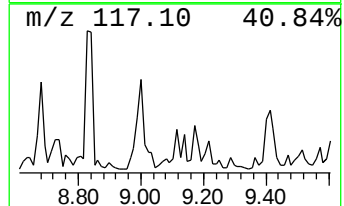
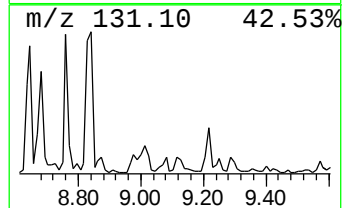
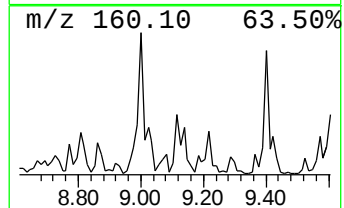
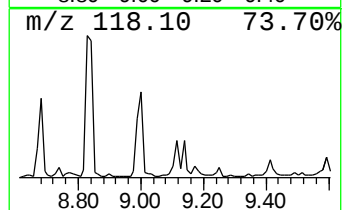
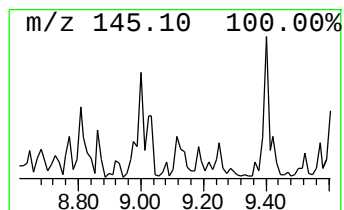
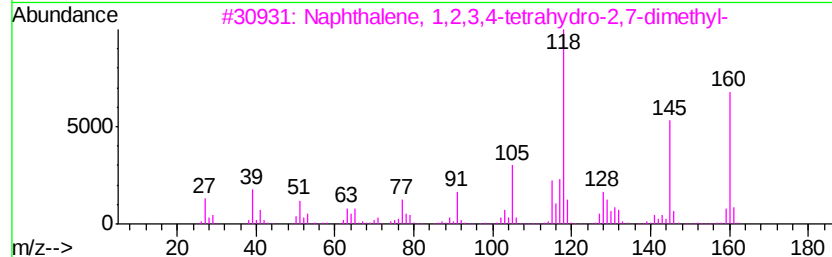
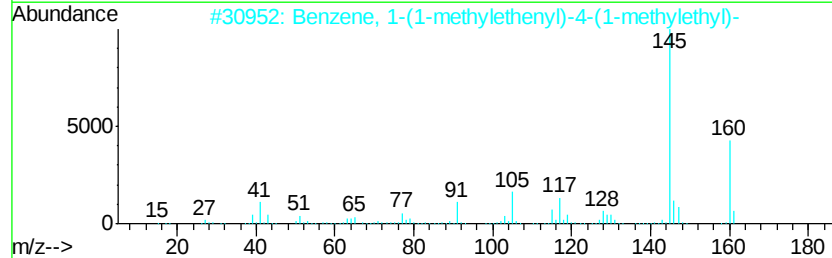
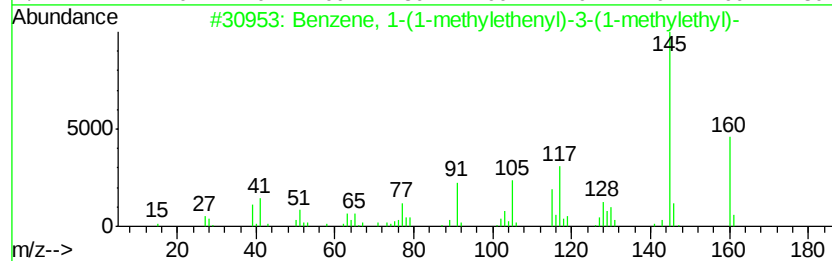
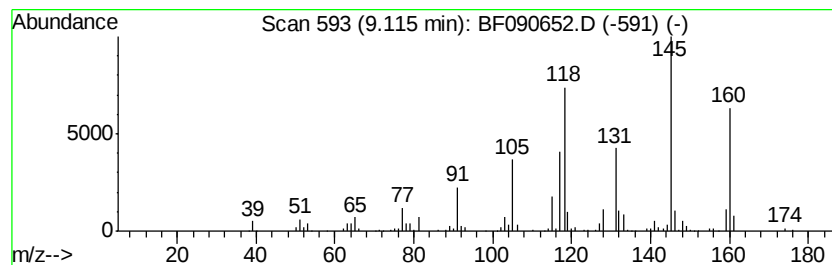
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1-(1-methylethenyl)... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	4.80 ng	577649	Acenaphthene-d10	9.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55
2			Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	50
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	49
4			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
5			Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
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Misc :
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ClientSampleId :
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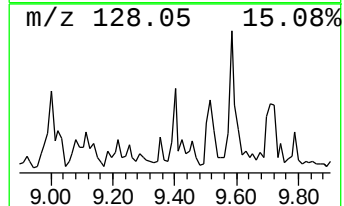
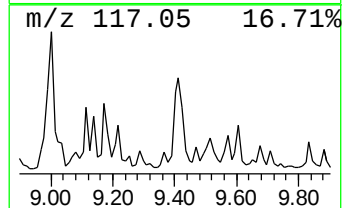
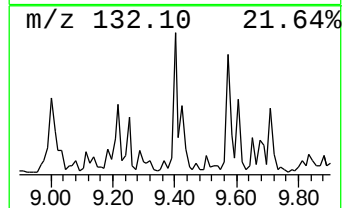
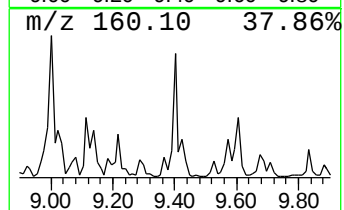
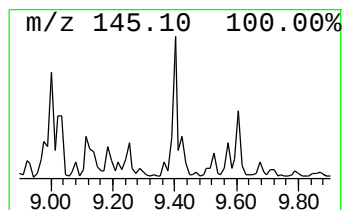
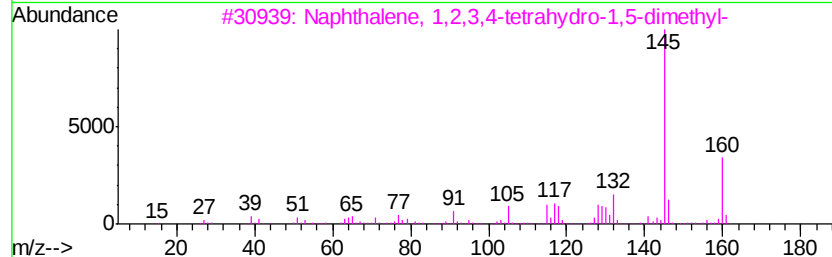
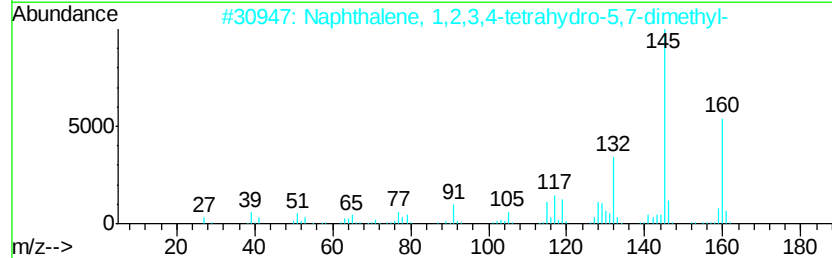
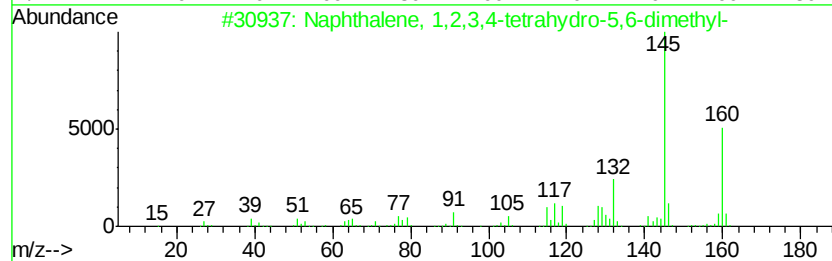
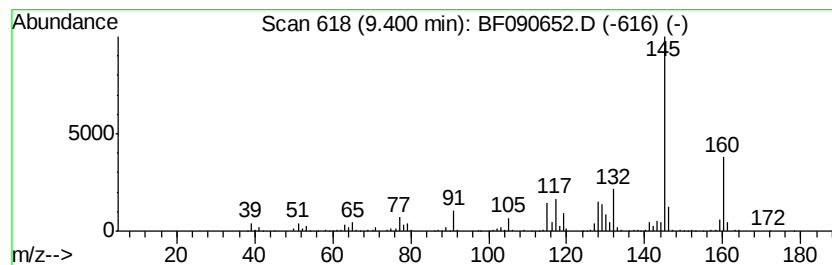
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown9.40 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	7.87 ng	947374	Acenaphthene-d10	9.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	92
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
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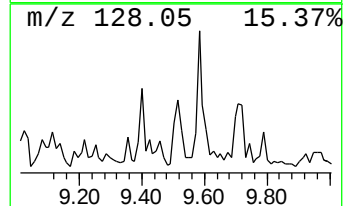
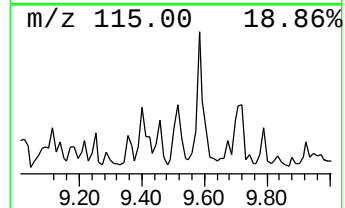
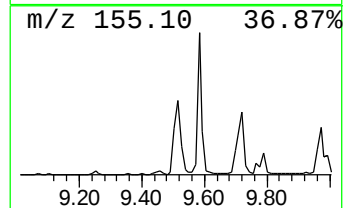
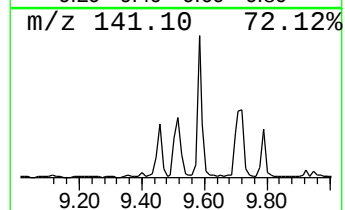
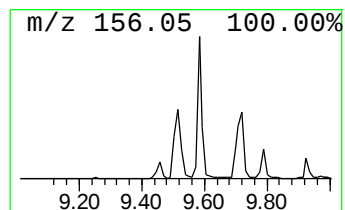
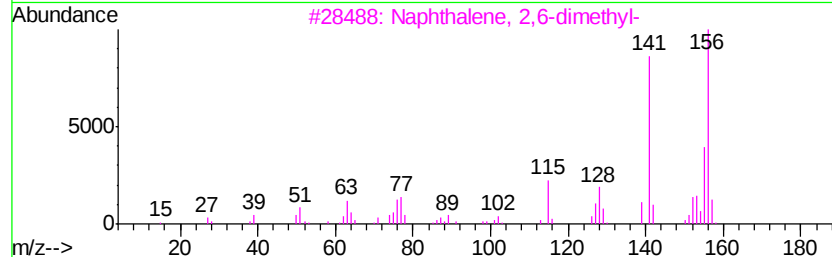
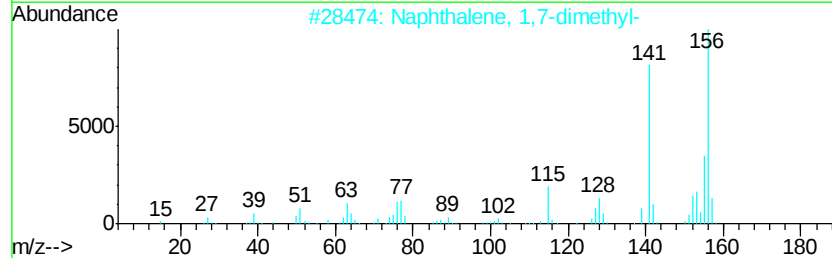
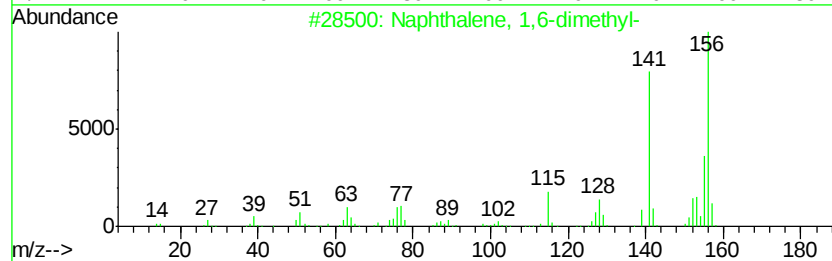
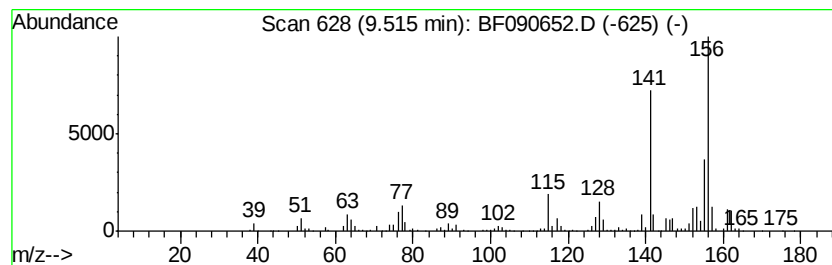
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	7.21 ng	867819	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
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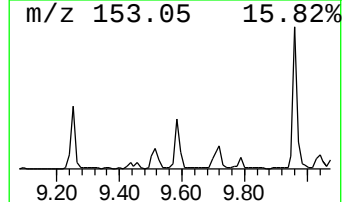
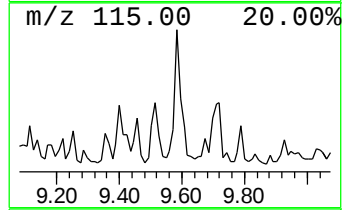
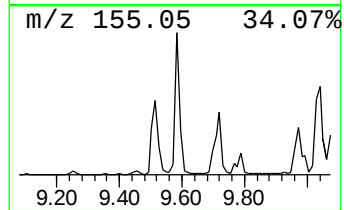
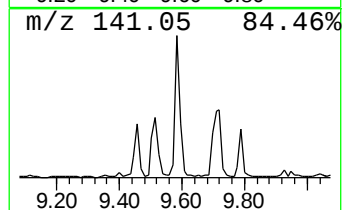
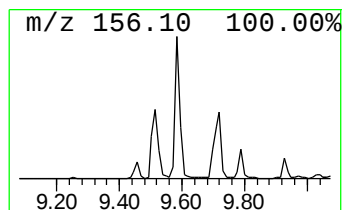
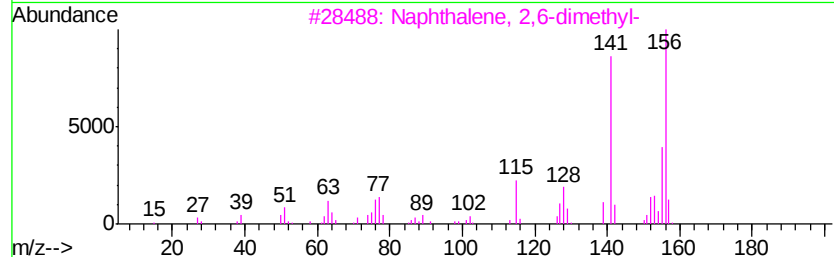
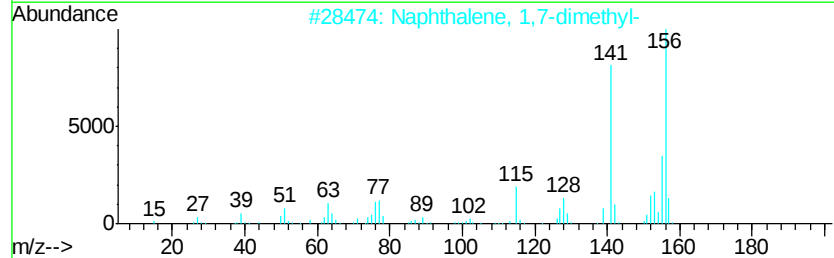
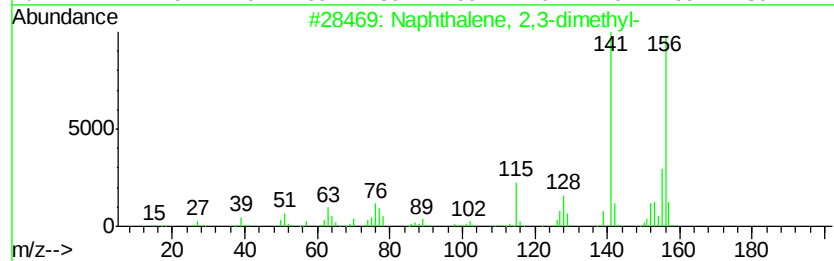
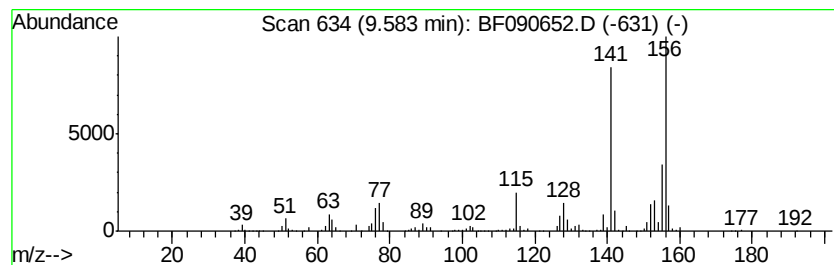
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	13.75 ng	1656320	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
Sample : H5296-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

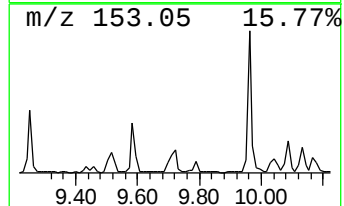
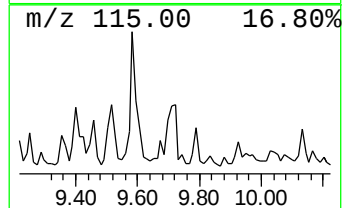
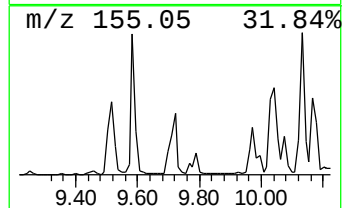
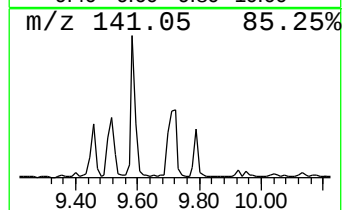
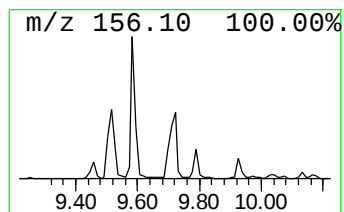
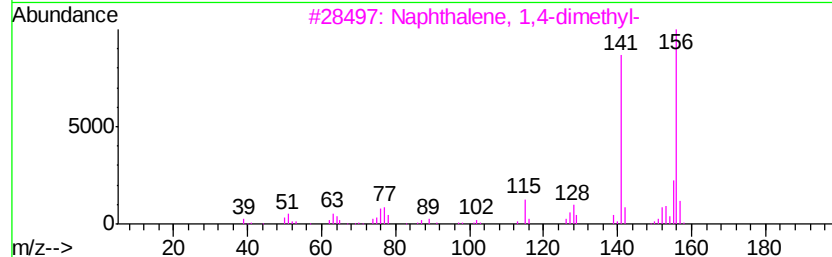
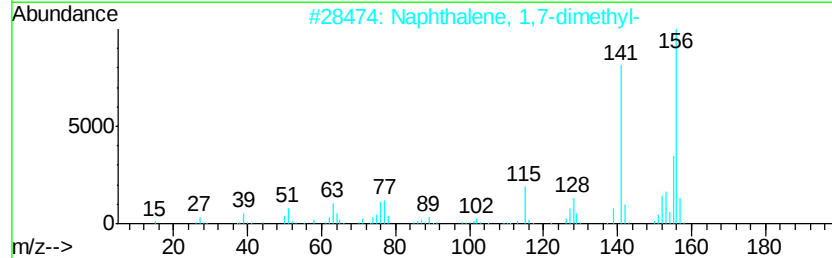
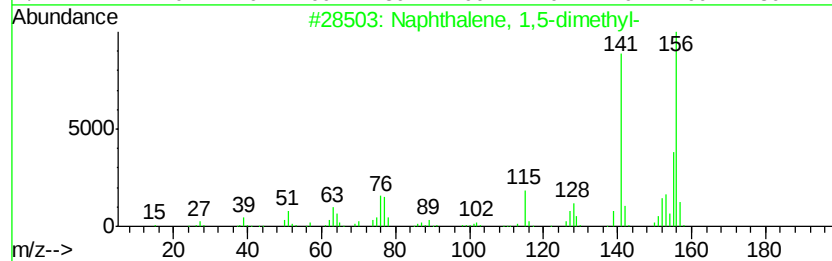
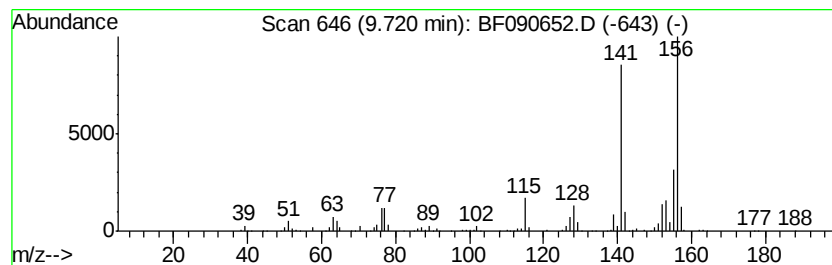
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.04 ng	848091	Acenaphthene-d10	9.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
Sample : H5296-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

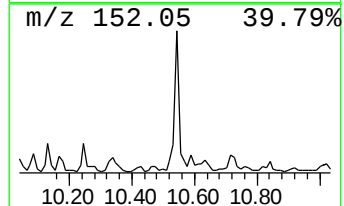
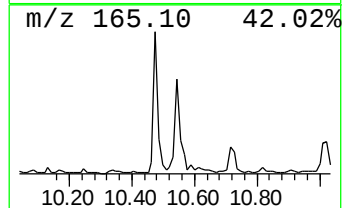
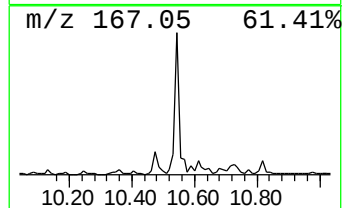
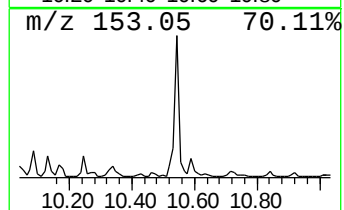
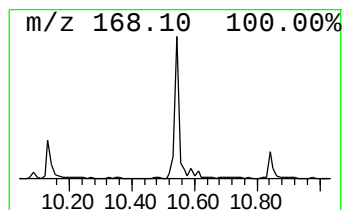
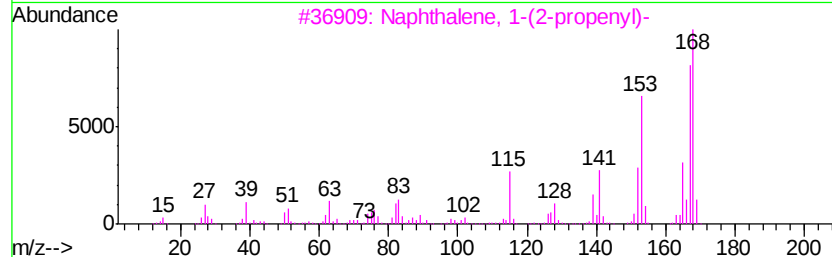
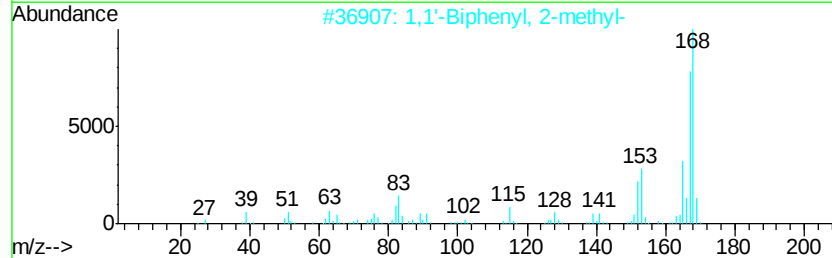
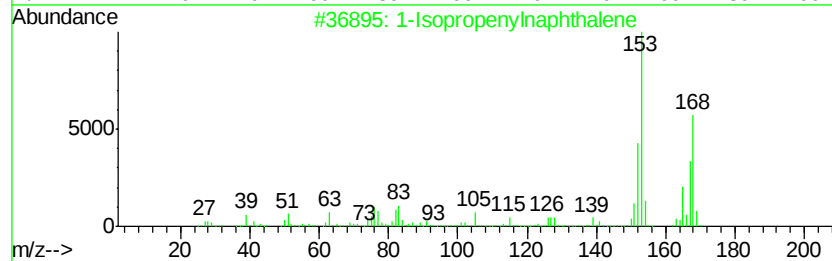
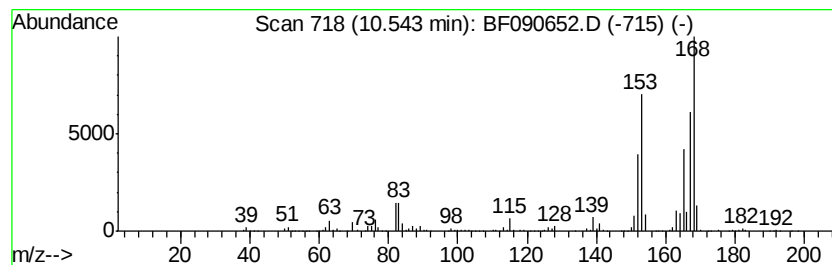
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1-Isopropenylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.54	6.98 ng	840753	Acenaphthene-d10	9.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
5		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090652.D
 Acq On : 19 Oct 2016 17:20
 Operator : UM/SJ
 Sample : H5296-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	8.3	ng	549502	1	6.89	1322890	20.0
unknown6.66	6.66	65.2	ng	4314260	1	6.89	1322890	20.0
Benzene, 1,3-diet...	7.14	7.0	ng	459731	1	6.89	1322890	20.0
Benzene, 1,2,4,5-...	7.66	4.3	ng	774454	2	8.18	3637120	20.0
1H-Indene, 2,3-di...	7.85	6.0	ng	1097940	2	8.18	3637120	20.0
Benzene, 2-etheny...	7.91	14.3	ng	2605780	2	8.18	3637120	20.0
Naphthalene, 1,2,...	8.37	5.4	ng	984381	2	8.18	3637120	20.0
Naphthalene, 1,2,...	8.42	4.4	ng	793150	2	8.18	3637120	20.0
Benzene, (1,2-dim...	8.55	4.1	ng	746678	2	8.18	3637120	20.0
1H-Indene, 2,3-di...	8.65	4.5	ng	823075	2	8.18	3637120	20.0
Naphthalene, 1,2,...	8.68	5.5	ng	1005350	2	8.18	3637120	20.0
unknown8.83	8.83	7.2	ng	1308550	2	8.18	3637120	20.0
Naphthalene, 1,2,...	9.00	5.3	ng	954235	2	8.18	3637120	20.0
Benzene, 1-(1-met...	9.11	4.8	ng	577649	3	9.93	2408330	20.0
unknown9.40	9.40	7.9	ng	947374	3	9.93	2408330	20.0
Naphthalene, 1,6-...	9.51	7.2	ng	867819	3	9.93	2408330	20.0
Naphthalene, 2,3-...	9.58	13.8	ng	1656320	3	9.93	2408330	20.0
Naphthalene, 1,5-...	9.72	7.0	ng	848091	3	9.93	2408330	20.0
1-Isopropenylnaph...	10.54	7.0	ng	840753	3	9.93	2408330	20.0