

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092259.D
 Acq On : 13 Jan 2017 23:21
 Operator : UM/SJ
 Sample : I1179-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

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-BF122116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.912	9	11	23	rVB	34185	132590	2.01%	0.106%
2	4.690	251	254	264	rVB	631149	926253	14.05%	0.744%
3	4.976	276	279	283	rVB	69670	97747	1.48%	0.078%
4	5.113	287	291	294	rBV	196316	257310	3.90%	0.207%
5	5.170	294	296	303	rBV	1864325	2940254	44.61%	2.361%
6	5.319	305	309	312	rVB3	38360	86098	1.31%	0.069%
7	5.364	312	313	316	rBV	114089	171614	2.60%	0.138%
8	5.593	331	333	337	rVB	90517	100302	1.52%	0.081%
9	5.719	339	344	346	rBV3	47274	111368	1.69%	0.089%
10	6.016	369	370	373	rVB	101560	136506	2.07%	0.110%
11	6.084	373	376	378	rBV2	163460	261762	3.97%	0.210%
12	6.119	378	379	381	rVB	428425	343793	5.22%	0.276%
13	6.164	381	383	385	rBV	107718	129337	1.96%	0.104%
14	6.244	388	390	397	rBV2	1692958	2445253	37.10%	1.964%
15	6.347	397	399	402	rBV	4522015	4712796	71.51%	3.785%
16	6.393	402	403	406	rVB	631498	595940	9.04%	0.479%
17	6.450	406	408	411	rVB3	66221	119058	1.81%	0.096%
18	6.576	417	419	422	rBV	1020767	1274184	19.33%	1.023%
19	6.633	422	424	425	rBV	882500	801883	12.17%	0.644%
20	6.656	425	426	430	rVB3	148083	155748	2.36%	0.125%
21	6.736	430	433	436	rBV2	3159400	4977727	75.53%	3.997%
22	6.782	436	437	440	rVB3	62065	92818	1.41%	0.075%
23	6.827	440	441	443	rBV	261055	346827	5.26%	0.279%
24	6.907	446	448	452	rVB2	251262	545054	8.27%	0.438%
25	6.976	452	454	459	rBV2	325871	569349	8.64%	0.457%
26	7.044	459	460	462	rBV2	251838	484586	7.35%	0.389%
27	7.147	464	469	472	rBV2	2921418	4294759	65.17%	3.449%
28	7.239	474	477	478	rVB	159268	213365	3.24%	0.171%
29	7.273	478	480	481	rBV	249833	326513	4.95%	0.262%
30	7.307	481	483	484	rVB	88527	107406	1.63%	0.086%
31	7.353	484	487	488	rBV	587089	720127	10.93%	0.578%
32	7.387	488	490	491	rVB	572250	762423	11.57%	0.612%
33	7.433	491	494	495	rBV3	74742	145620	2.21%	0.117%
34	7.479	495	498	499	rBV2	169778	230479	3.50%	0.185%

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35	7.536	499	503	506	rVB3	565337	930539	14.12%	0.747%
36	7.604	506	509	511	rBV	1875779	2150229	32.63%	1.727%
37	7.639	511	512	514	rBV2	301602	331350	5.03%	0.266%
38	7.696	514	517	519	rVB2	675416	1159915	17.60%	0.931%
39	7.742	519	521	523	rBV	228837	242550	3.68%	0.195%
40	7.856	526	531	538	rVB4	1546873	4365250	66.24%	3.506%
41	7.959	538	540	542	rVB2	222240	241466	3.66%	0.194%
42	7.993	542	543	544	rBV	195548	178953	2.72%	0.144%
43	8.027	544	546	547	rVB2	174730	193536	2.94%	0.155%
44	8.062	547	549	552	rBV3	573176	855755	12.98%	0.687%
45	8.107	552	553	554	rBV	396547	369719	5.61%	0.297%
46	8.142	554	556	559	rVB2	474751	794163	12.05%	0.638%
47	8.256	563	566	567	rBV2	468272	544944	8.27%	0.438%
48	8.302	567	570	571	rBV3	284216	421199	6.39%	0.338%
49	8.336	571	573	574	rVB	443449	368954	5.60%	0.296%
50	8.370	574	576	578	rBV	828146	866588	13.15%	0.696%
51	8.462	582	584	586	rVB	1670353	1638735	24.87%	1.316%
52	8.519	587	589	591	rVB3	680331	911679	13.83%	0.732%
53	8.576	591	594	595	rBV	1229532	1403331	21.29%	1.127%
54	8.610	595	597	600	rVB2	723612	797714	12.10%	0.641%
55	8.679	600	603	606	rBV2	3014386	4996834	75.82%	4.013%
56	8.770	608	611	613	rBV3	395606	935016	14.19%	0.751%
57	8.816	613	615	617	rVB3	396756	664198	10.08%	0.533%
58	8.873	617	620	622	rBV	2174292	2580697	39.16%	2.072%
59	8.907	622	623	624	rVB	208369	142941	2.17%	0.115%
60	8.953	624	627	628	rVB	3945328	5642117	85.61%	4.531%
61	8.976	628	629	632	rBV3	668617	939863	14.26%	0.755%
62	9.045	632	635	636	rBV	3925812	4308985	65.38%	3.460%
63	9.067	636	637	638	rVB	562266	385714	5.85%	0.310%
64	9.113	640	641	642	rBV	1015343	852985	12.94%	0.685%
65	9.216	645	650	653	rBV2	2912365	6590436	100.00%	5.293%
66	9.307	653	658	660	rVB4	2100687	6048876	91.78%	4.858%
67	9.365	660	663	665	rBV3	1274202	2652851	40.25%	2.130%
68	9.410	665	667	670	rVB3	1138725	1749394	26.54%	1.405%
69	9.479	671	673	675	rBV2	797179	1101720	16.72%	0.885%
70	9.525	675	677	681	rVB4	686177	1344101	20.39%	1.079%
71	9.582	681	682	683	rBV	761523	818765	12.42%	0.658%

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72	9.616	683	685	688	rVB2	2321156	3469067	52.64%	2.786%
73	9.708	688	693	696	rBV4	2738455	4362357	66.19%	3.503%
74	9.799	699	701	702	rBV	1534928	1817379	27.58%	1.459%
75	9.936	710	713	716	rBV3	1177577	2176430	33.02%	1.748%
76	10.062	722	724	725	rVB	997942	912916	13.85%	0.733%
77	10.119	728	729	731	rVB2	366612	378595	5.74%	0.304%
78	10.153	731	732	734	rBV2	251492	389762	5.91%	0.313%
79	10.222	736	738	739	rVV2	433099	497300	7.55%	0.399%
80	10.256	739	741	742	rVV	469603	556703	8.45%	0.447%
81	10.336	745	748	750	rBV4	267062	707437	10.73%	0.568%
82	10.416	750	755	757	rVB3	2462767	3560162	54.02%	2.859%
83	10.542	763	766	767	rVB3	352655	490481	7.44%	0.394%
84	10.599	769	771	774	rBV4	325872	601979	9.13%	0.483%
85	10.736	781	783	784	rVB2	385522	449372	6.82%	0.361%
86	10.770	784	786	790	rVV4	280369	812676	12.33%	0.653%
87	10.839	790	792	795	rVB4	381215	814617	12.36%	0.654%
88	10.942	799	801	805	rVV4	296068	815676	12.38%	0.655%
89	11.045	808	810	812	rBV3	261635	568057	8.62%	0.456%
90	11.091	812	814	817	rVB	1260506	1487723	22.57%	1.195%
91	11.216	823	825	827	rBV2	263395	428622	6.50%	0.344%
92	11.662	862	864	866	rBV2	806844	845587	12.83%	0.679%
93	11.879	881	883	888	rVB4	284918	561957	8.53%	0.451%
94	12.439	930	932	934	rBV	528936	804597	12.21%	0.646%
95	12.565	941	943	946	rVB3	93544	105643	1.60%	0.085%
96	12.679	950	953	955	rVB	4274280	4413580	66.97%	3.544%
97	13.582	1030	1032	1035	rVB	156266	176345	2.68%	0.142%
98	13.719	1041	1044	1046	rBV	864493	1169799	17.75%	0.939%
99	15.068	1159	1162	1164	rBV	773683	923086	14.01%	0.741%
100	18.383	1447	1452	1457	rBV7	17658	85217	1.29%	0.068%

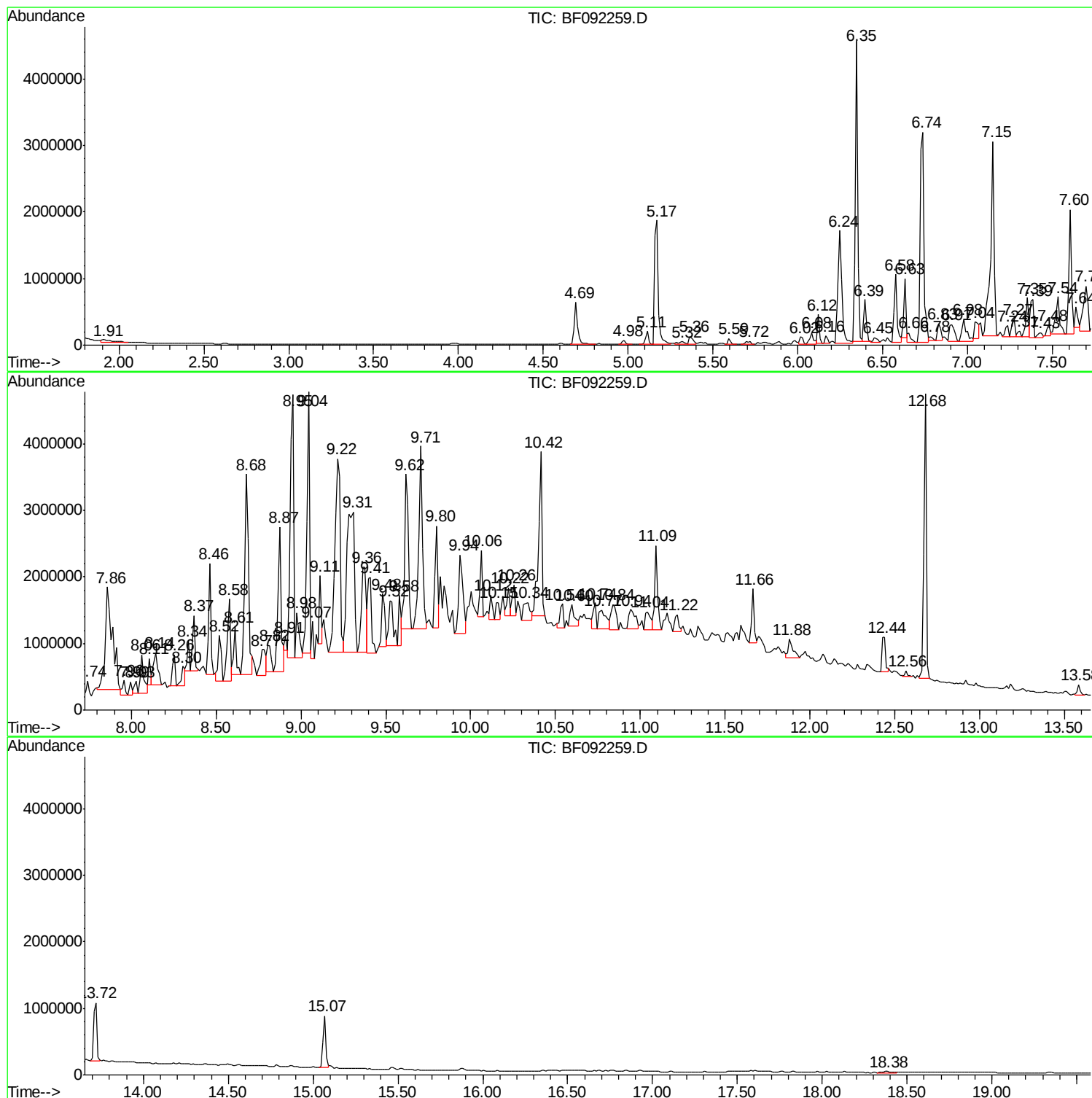
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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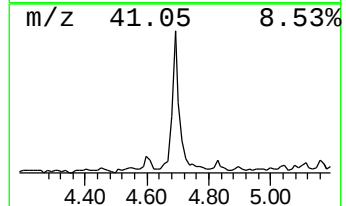
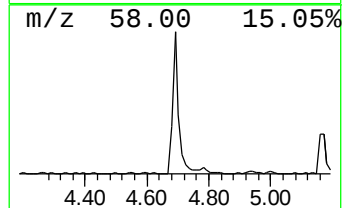
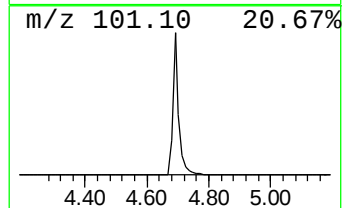
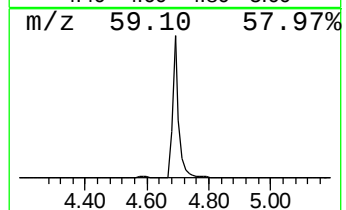
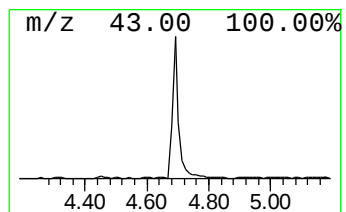
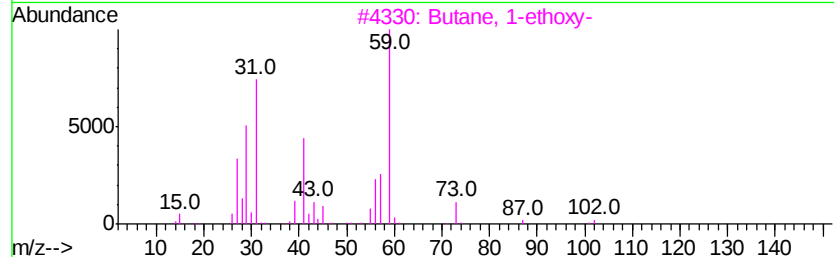
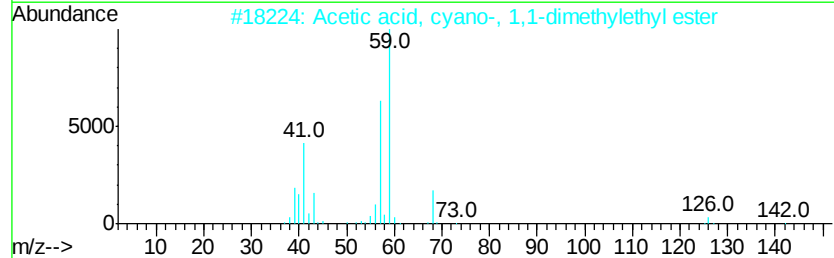
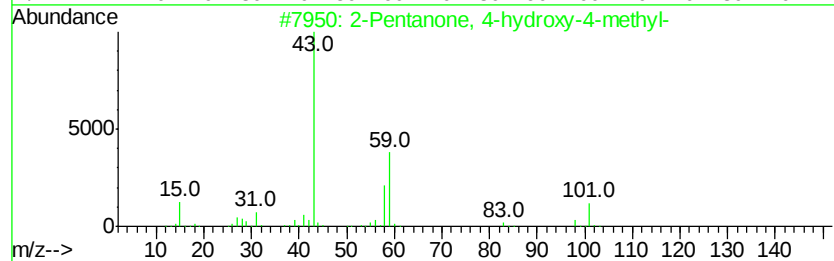
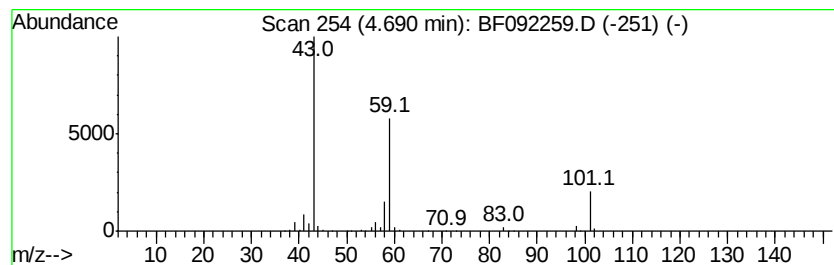
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	14.54 ng	926253	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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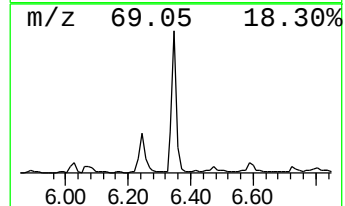
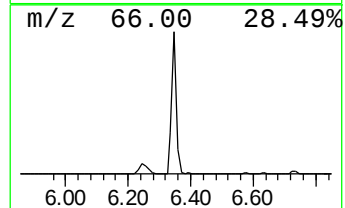
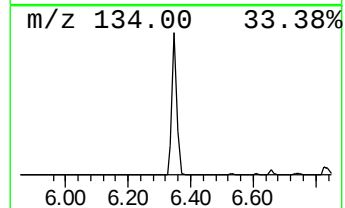
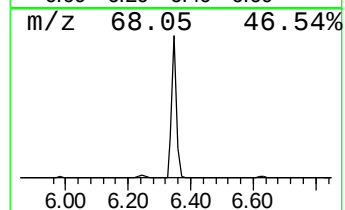
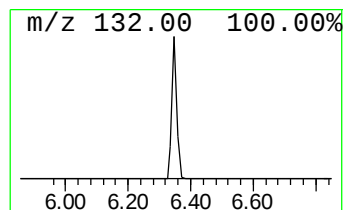
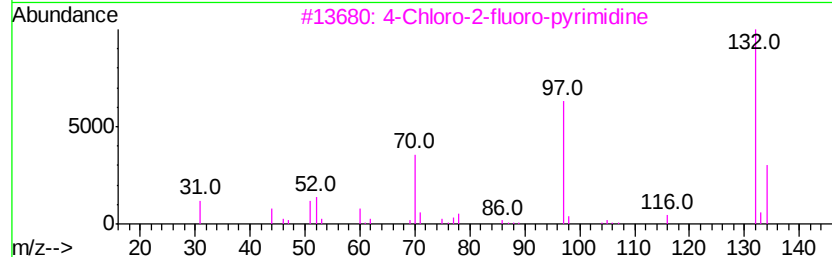
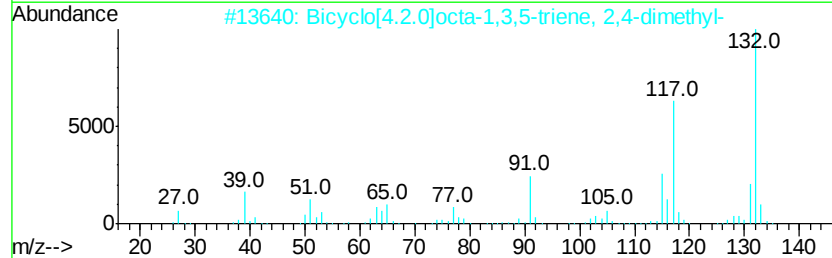
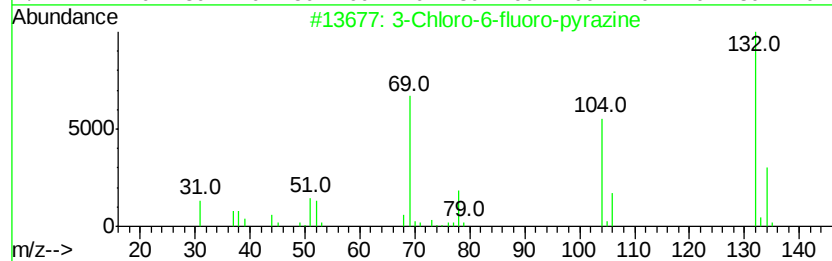
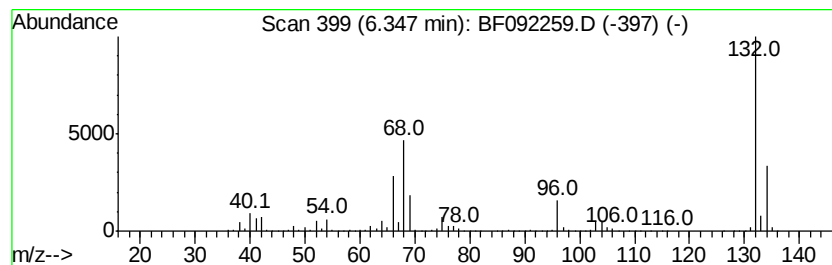
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	73.97 ng	4712800	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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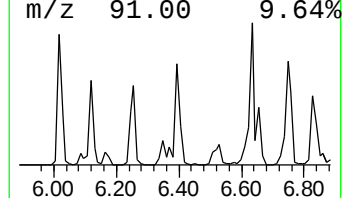
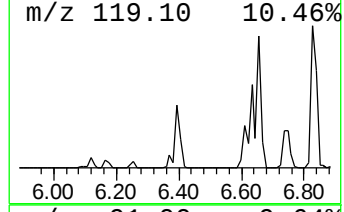
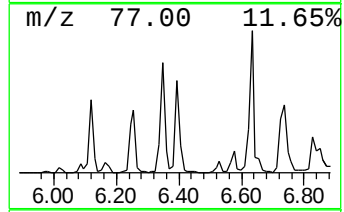
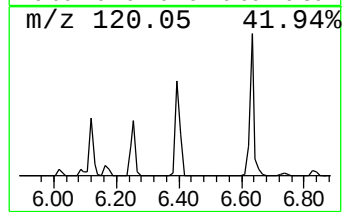
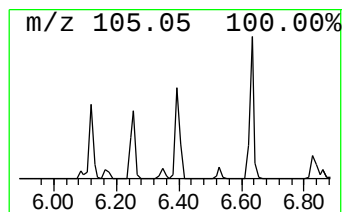
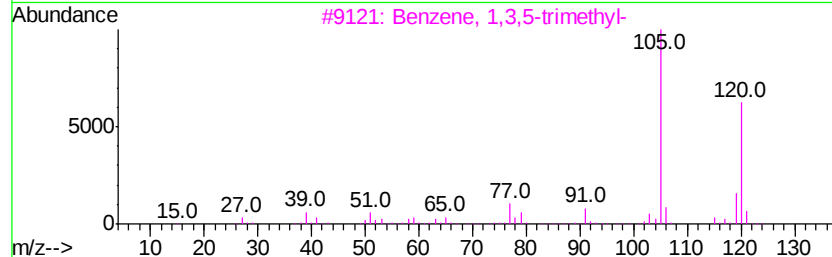
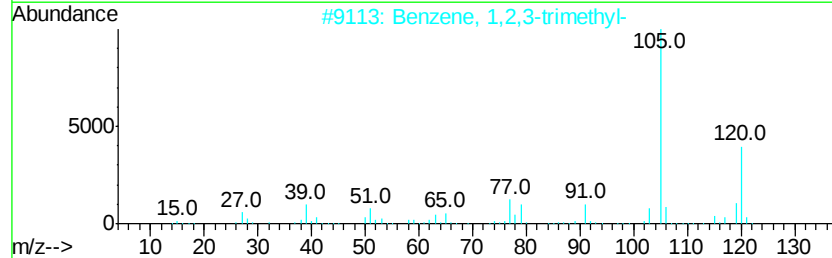
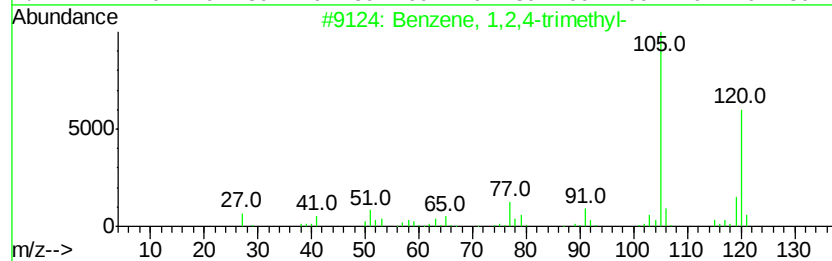
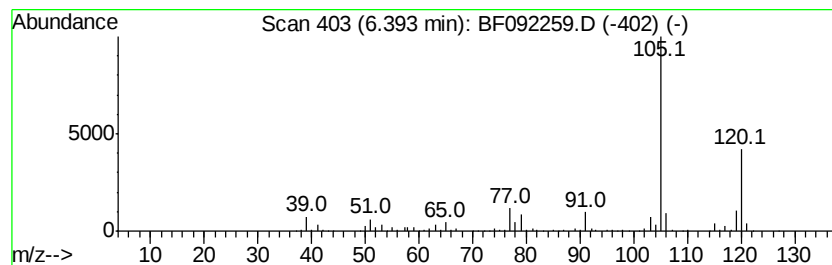
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	9.35 ng	595940	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

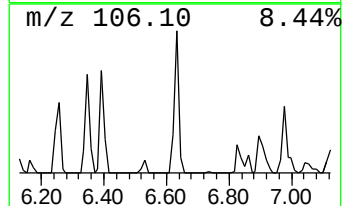
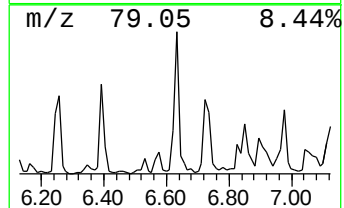
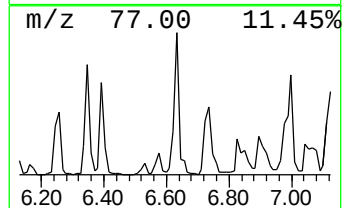
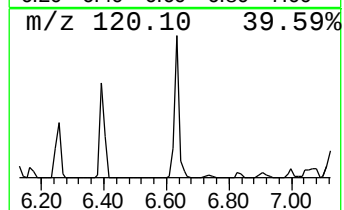
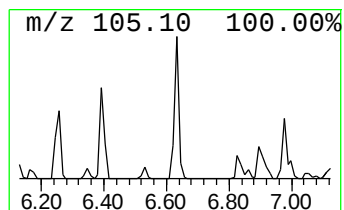
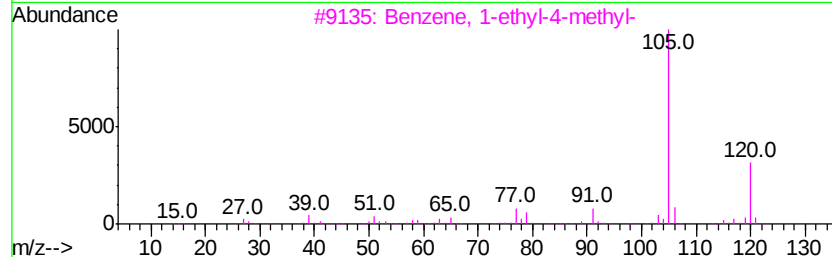
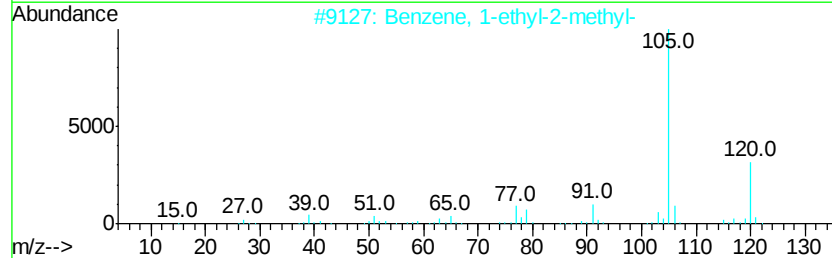
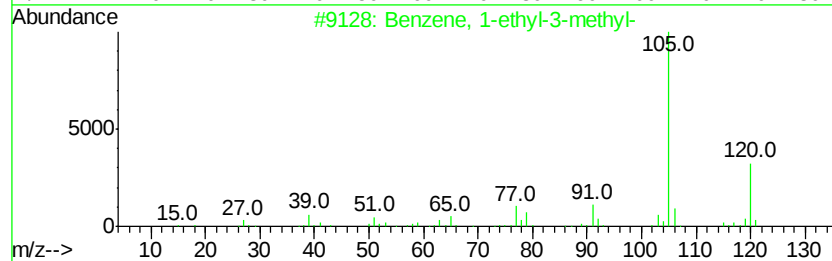
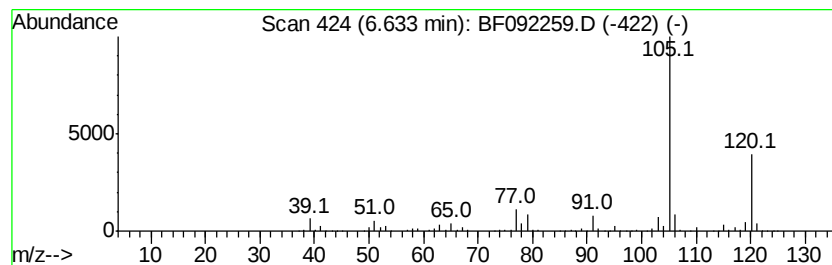
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	12.59 ng	801883	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

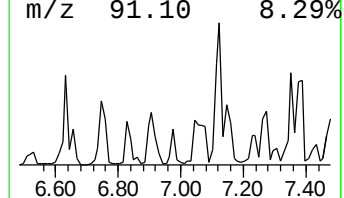
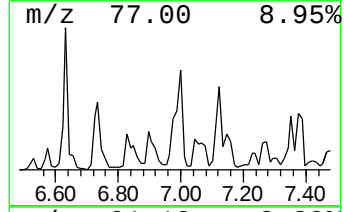
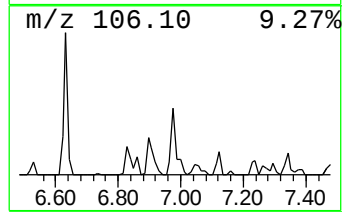
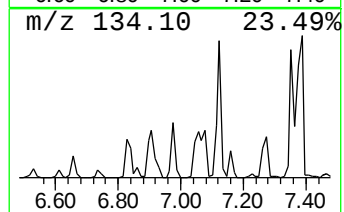
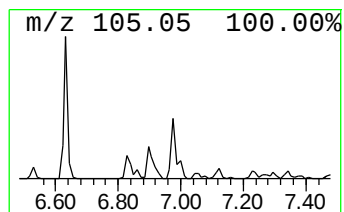
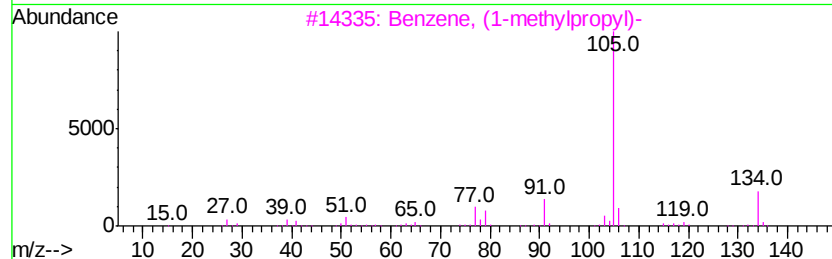
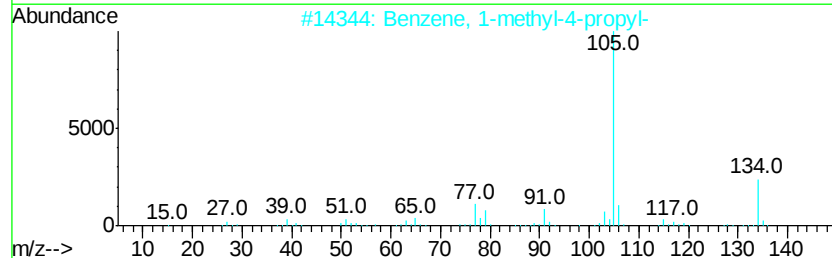
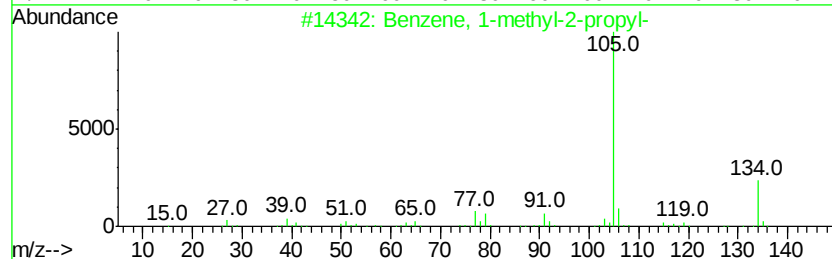
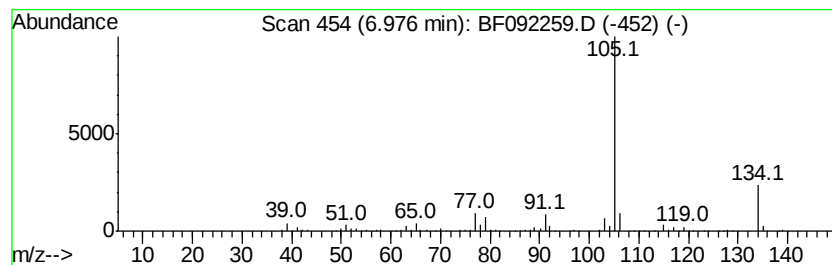
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-2-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	8.94 ng	569349	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

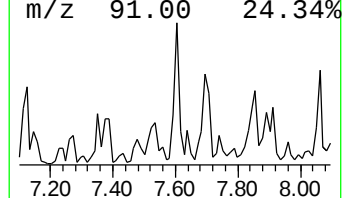
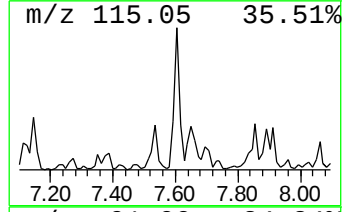
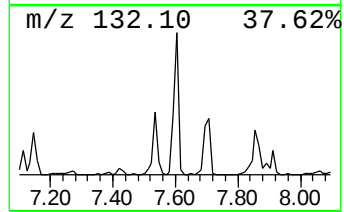
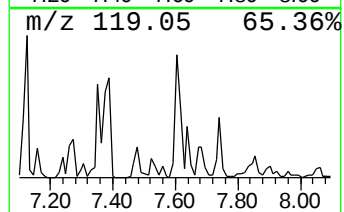
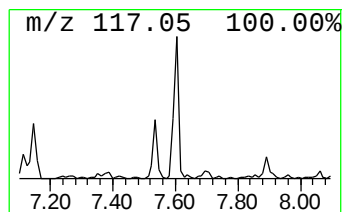
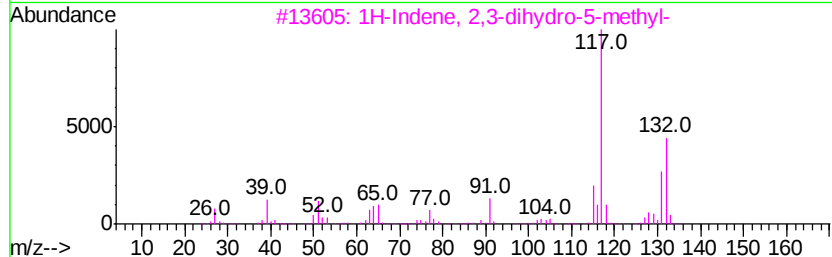
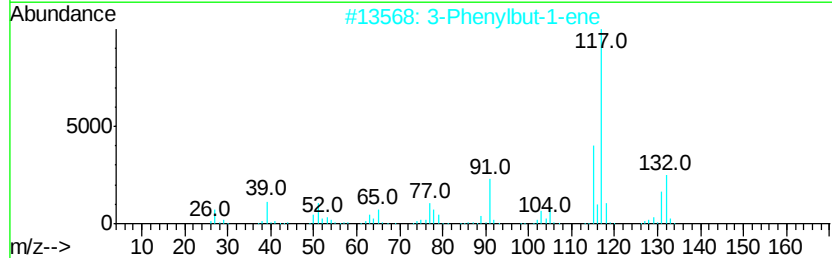
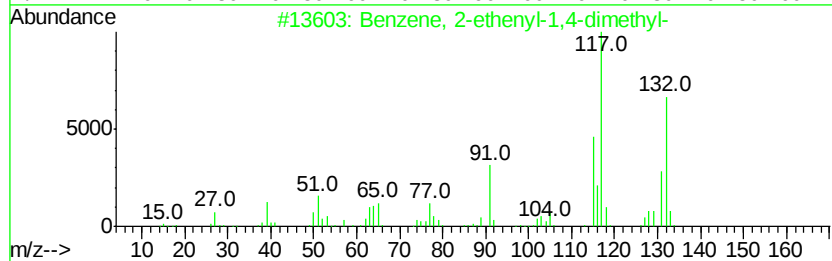
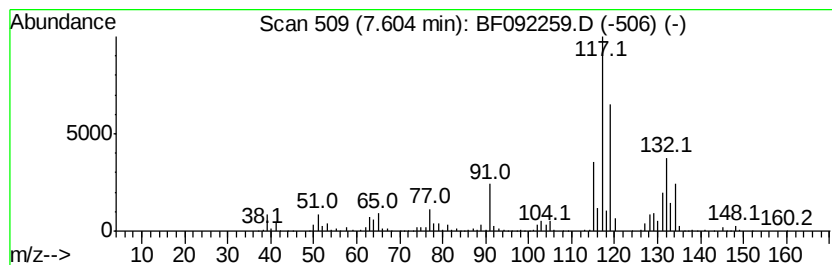
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	9.85 ng	2150230	Napthalene-d8	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	62
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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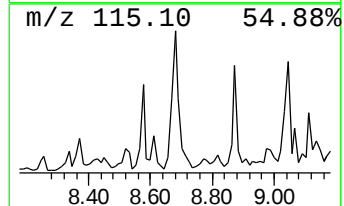
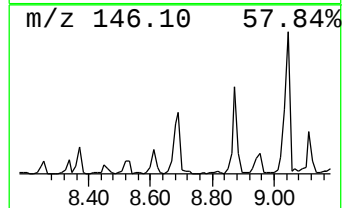
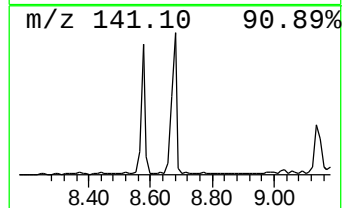
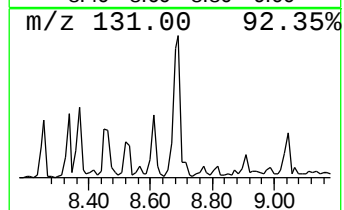
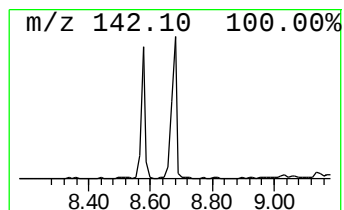
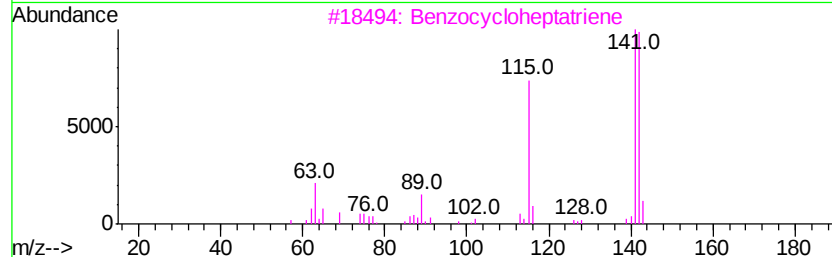
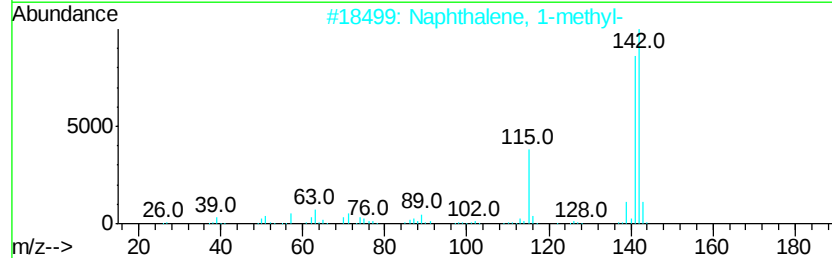
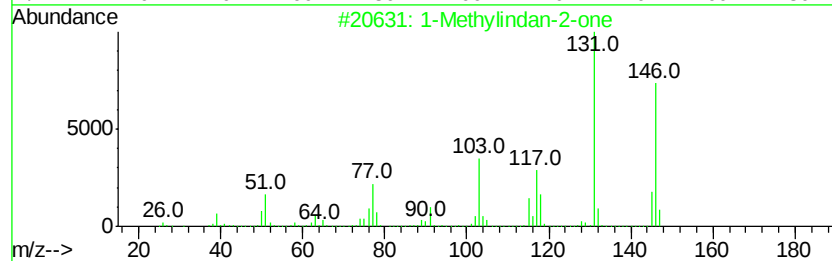
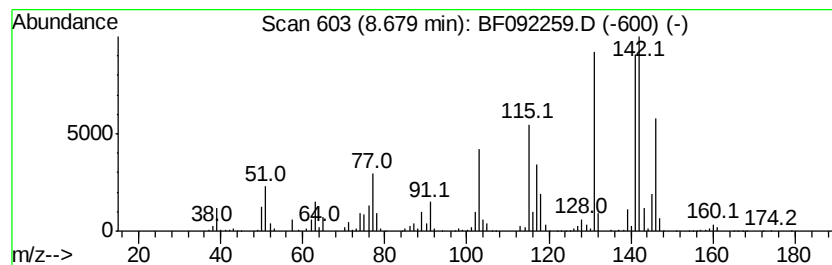
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Methylindan-2-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	22.89 ng	4996830	Naphthalene-d8	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methylindan-2-one	146	C10H10O	035587-60-1	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89
3		Benzocycloheptatriene	142	C11H10	000264-09-5	64
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	50
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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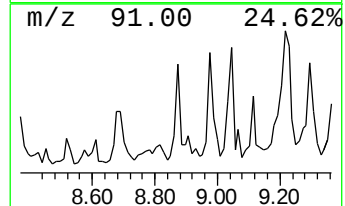
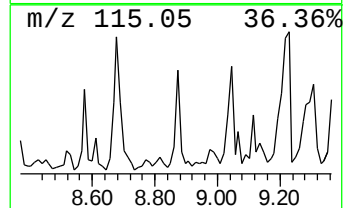
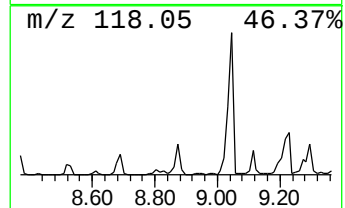
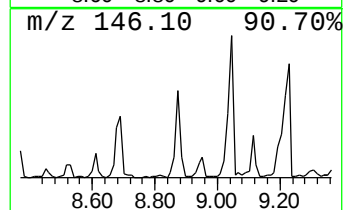
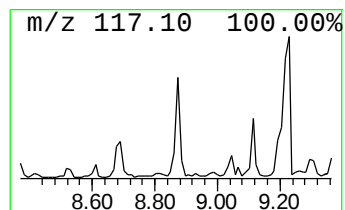
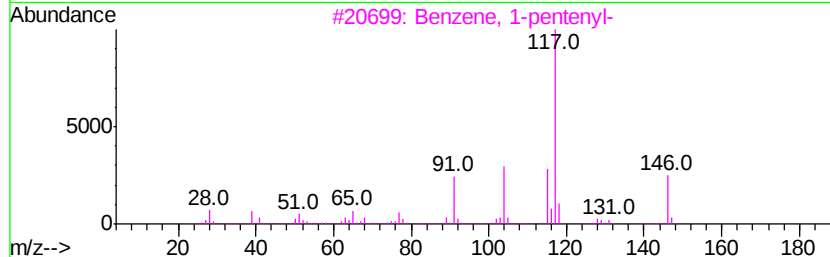
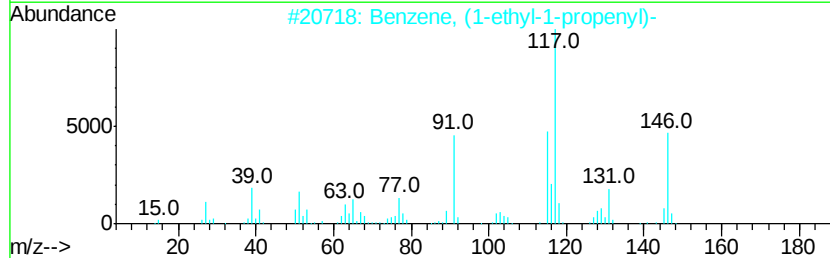
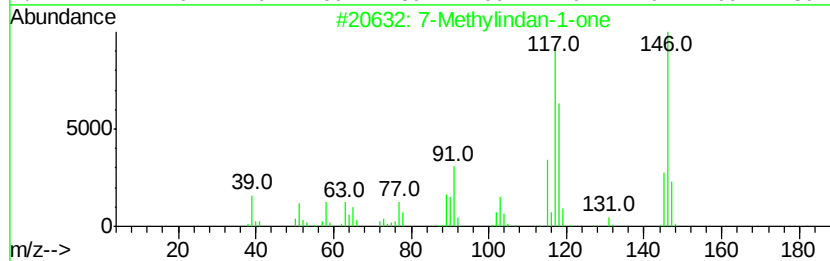
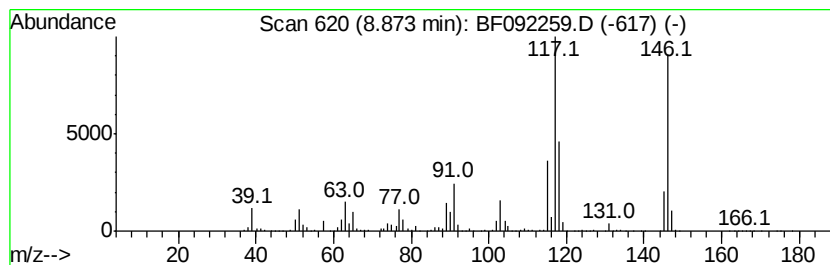
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 7-Methylindan-1-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	14.88 ng	2580700	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylindan-1-one	146	C10H10O	039627-61-7	76
2		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
3		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58
5		1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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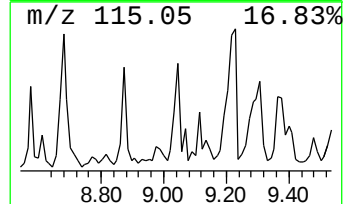
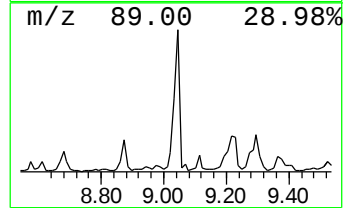
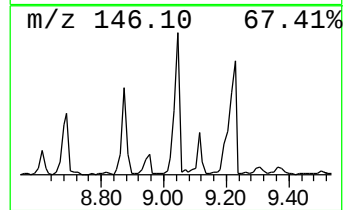
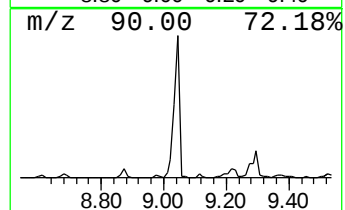
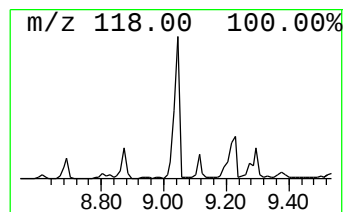
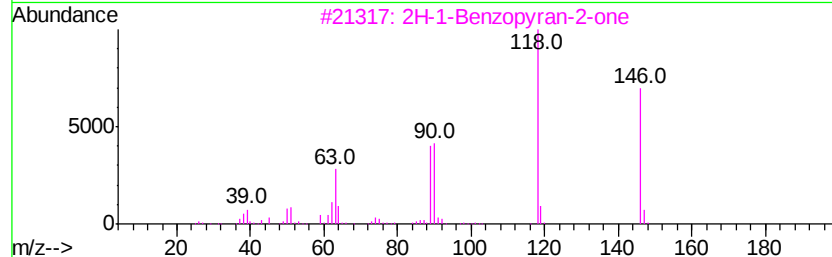
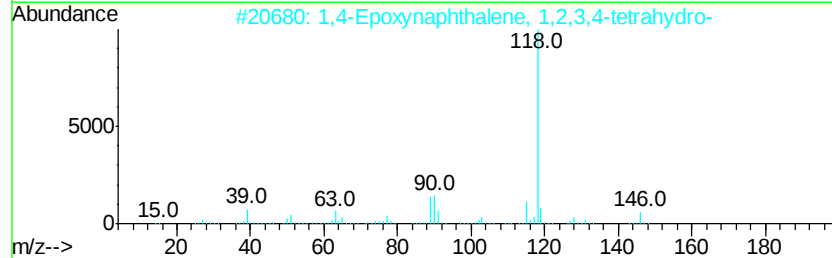
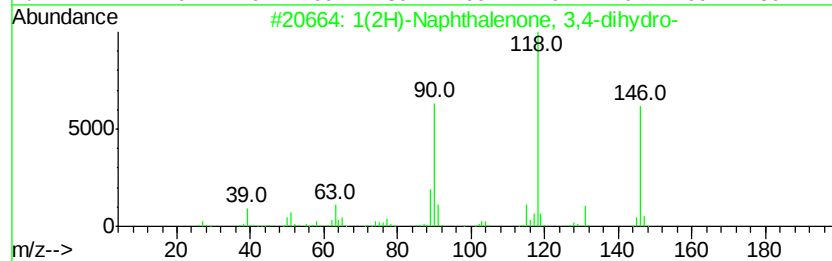
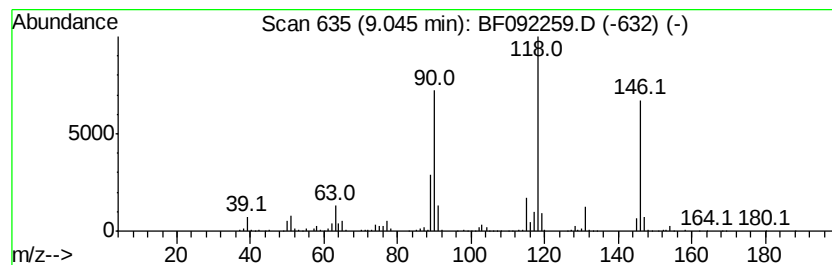
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	24.84 ng	4308990	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	95
2		1,4-Epoxy naphthalene, 1,2,3,4-tetrahydro-	146	C10H10O	035185-96-7	64
3		2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	59
4		Benzoimidazole-1-carbaldehyde	146	C8H6N2O	1000294-58-3	53
5		Pyridine, 3-(3,4-dihydro-2H-pyrr...	146	C9H10N2	000532-12-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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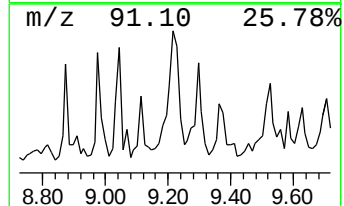
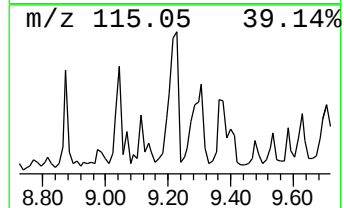
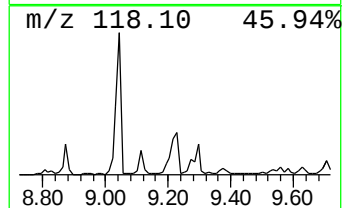
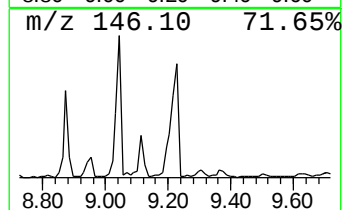
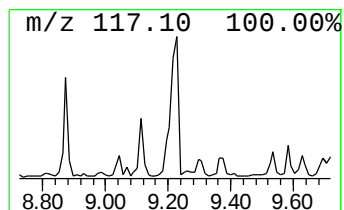
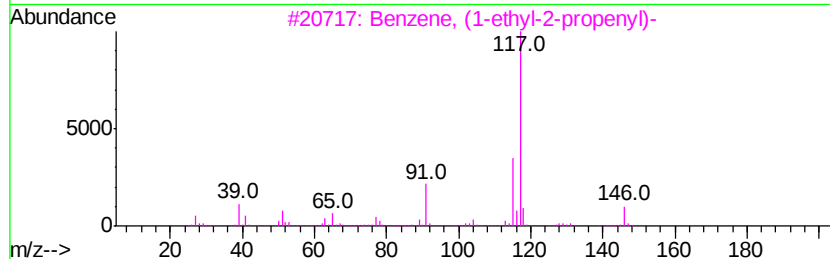
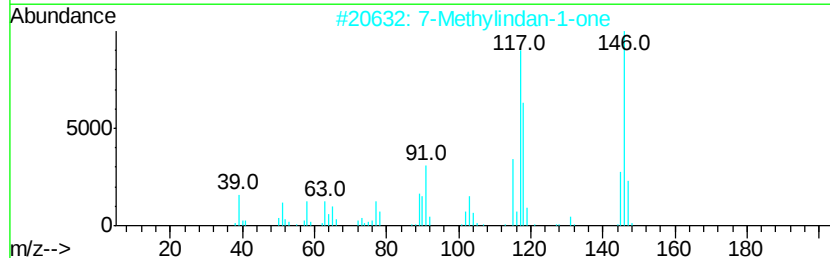
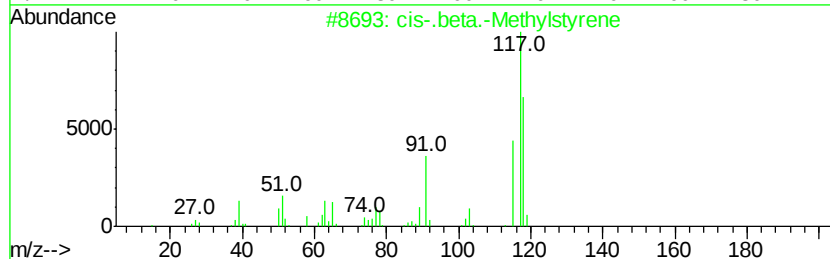
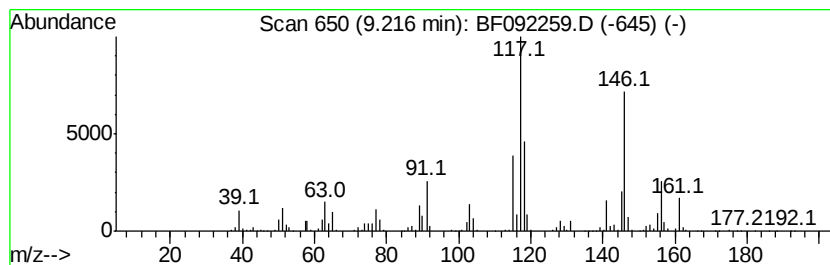
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 cis-.beta.-Methylstyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	38.00 ng	6590440	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	84
2		7-Methylindan-1-one	146	C10H10O	039627-61-7	70
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	60
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	52
5		1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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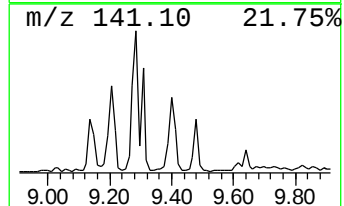
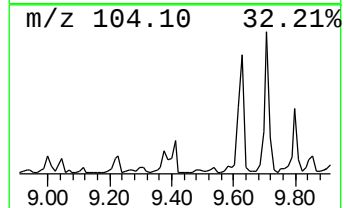
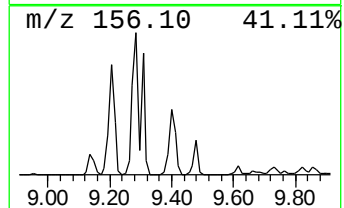
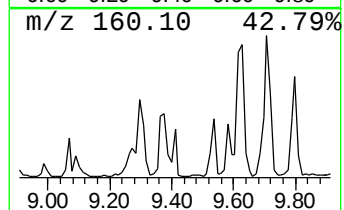
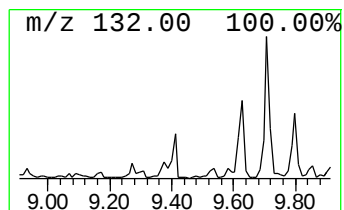
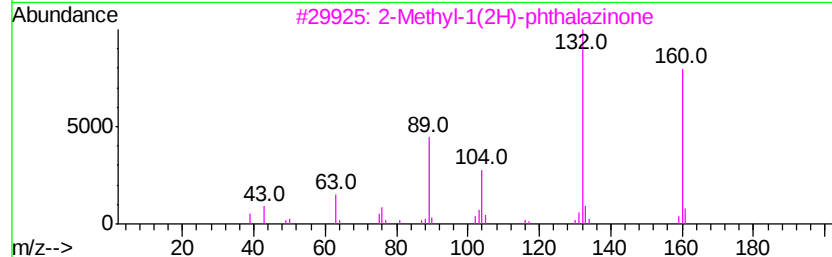
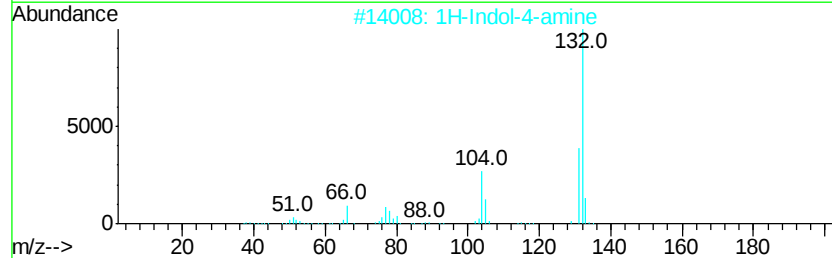
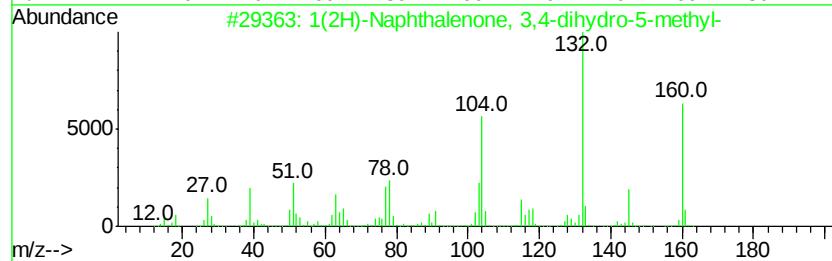
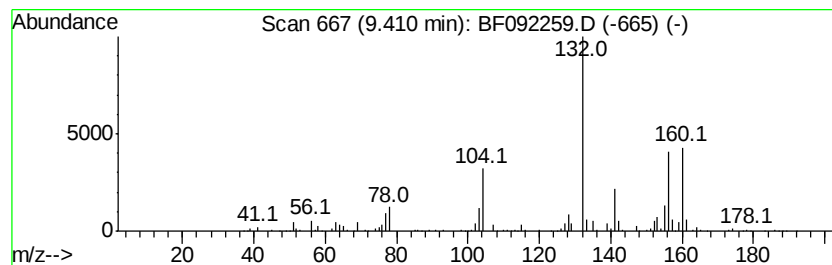
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.41 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	10.09 ng	1749390	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	43
2		1H-Indol-4-amine	132	C8H8N2	005192-23-4	27
3		2-Methyl-1(2H)-phthalazinone	160	C9H8N2O	006091-81-2	25
4		cis-1-Hydroxy-2-indanyl formate	178	C10H10O3	019597-99-0	17
5		Azinphos-ethyl	345	C12H16N3O3PS2	002642-71-9	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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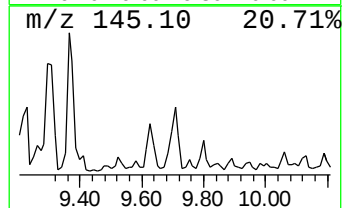
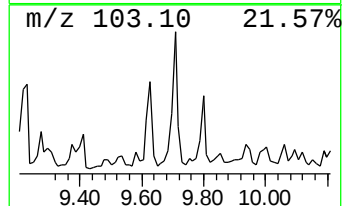
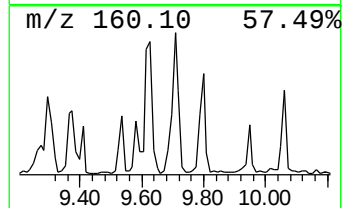
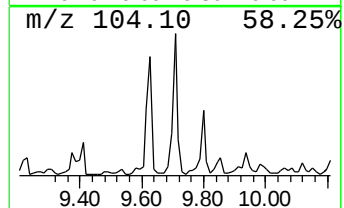
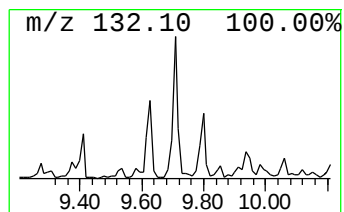
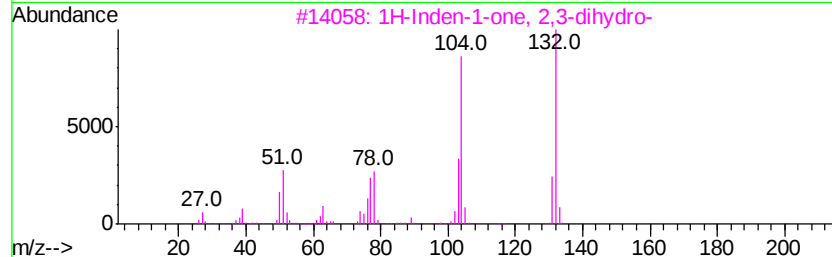
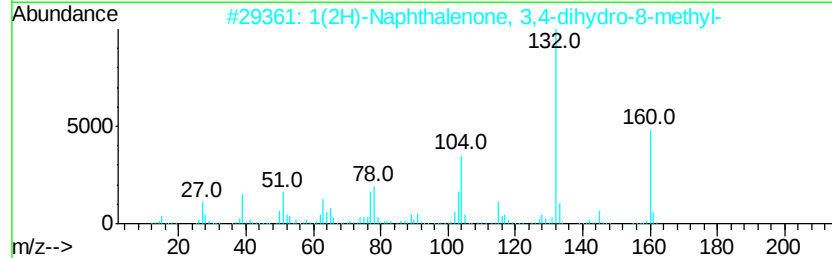
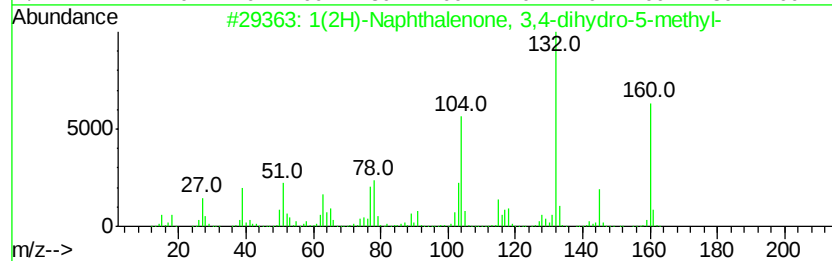
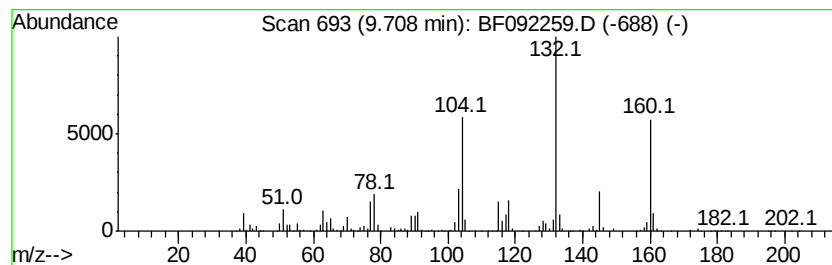
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	25.15 ng	4362360	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	96
2		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	051015-28-2	70
3		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	53
4		Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	021564-92-1	50
5		1-Benzosuberone	160	C11H12O	000826-73-3	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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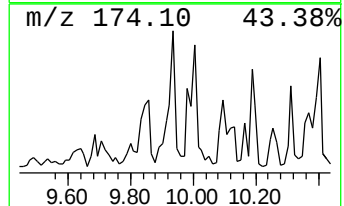
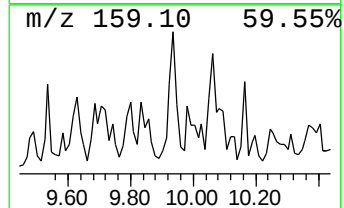
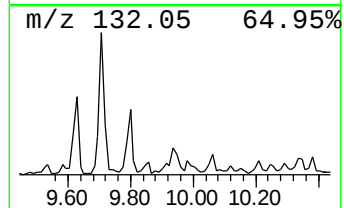
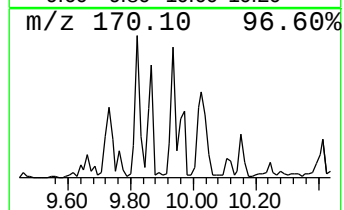
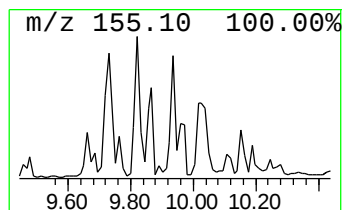
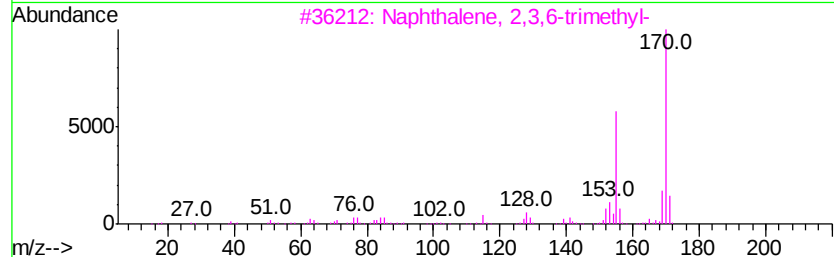
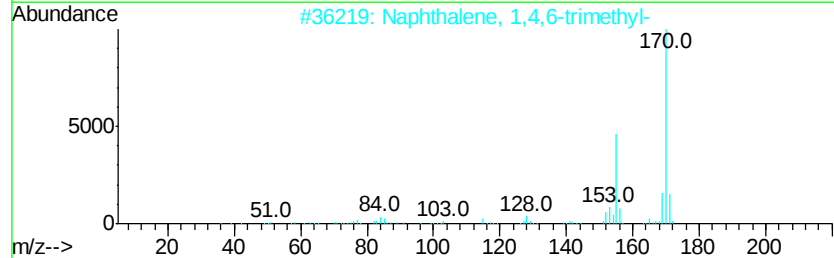
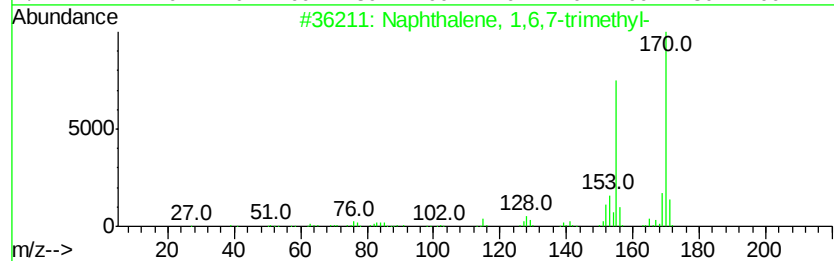
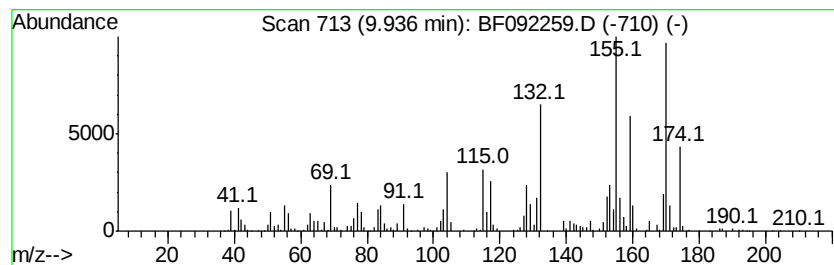
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	12.55 ng	2176430	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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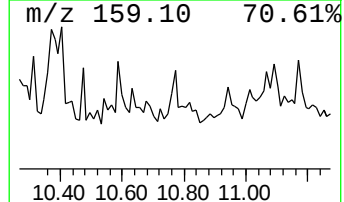
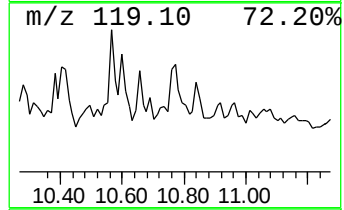
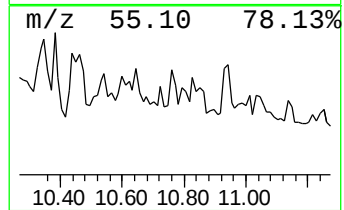
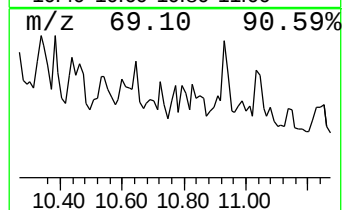
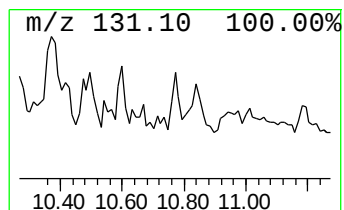
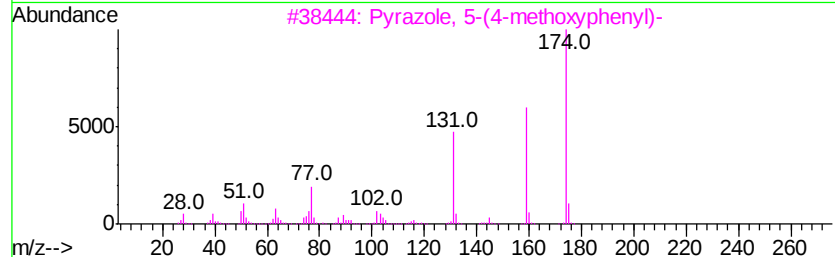
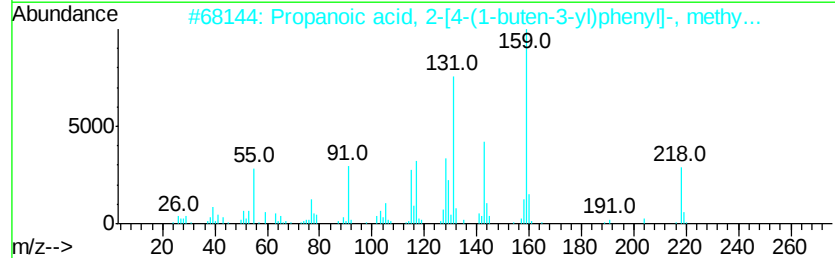
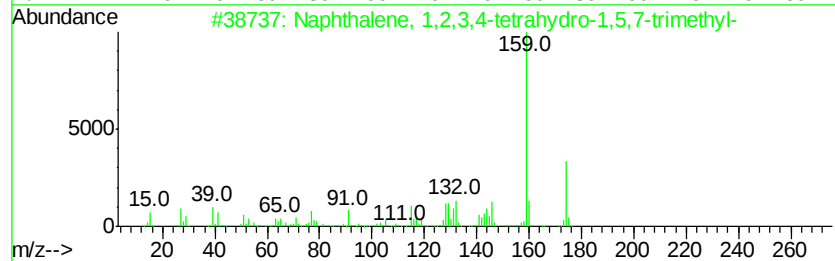
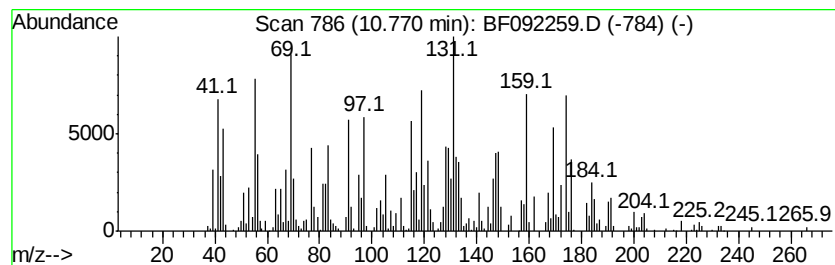
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	10.93 ng	812676	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	59
2		Propanoic acid, 2-[4-(1-buten-3-...	218	C14H18O2	1000161-46-7	41
3		Pvrazole, 5-(4-methoxyphenyl)-	174	C10H10N2O	1000157-86-0	30
4		Isoamyl cinnamate	218	C14H18O2	007779-65-9	30
5		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

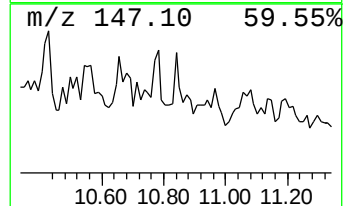
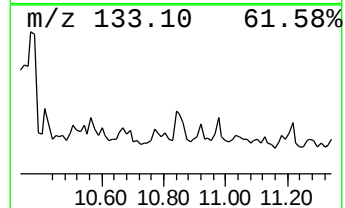
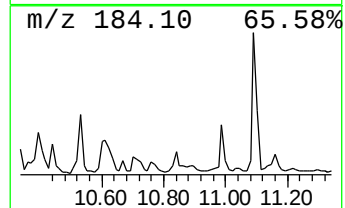
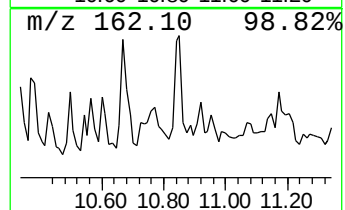
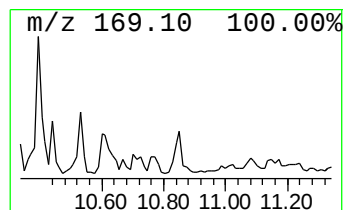
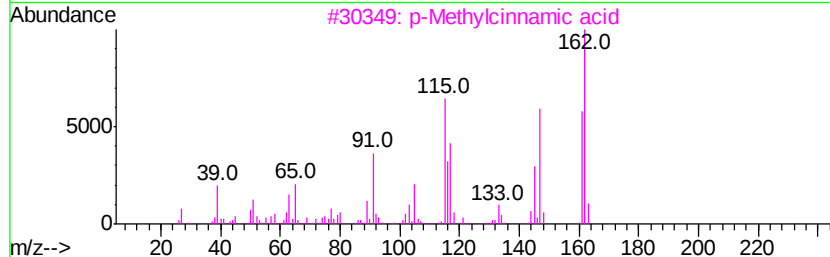
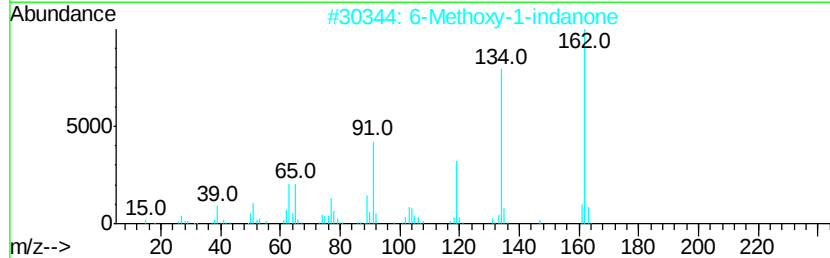
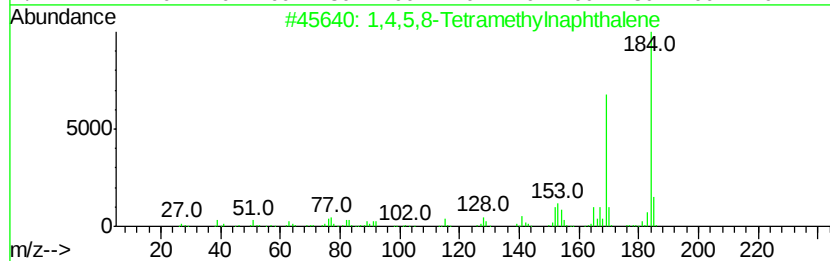
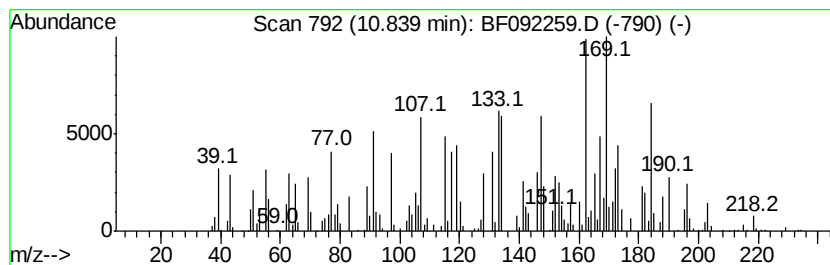
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.84 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	10.95 ng	814617	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	35
2			6-Methoxy-1-indanone	162	C10H10O2	013623-25-1	25
3			p-Methylcinnamic acid	162	C10H10O2	001866-39-3	15
4			Ethanone, 1-(2,3,4-trimethylphen...	162	C11H14O	001467-36-3	15
5			2,3-Dihydro-4,5,7-trimethyl-2,3-...	190	C11H10O3	031297-34-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
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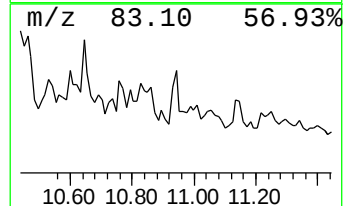
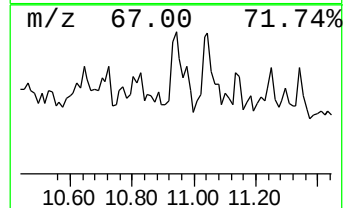
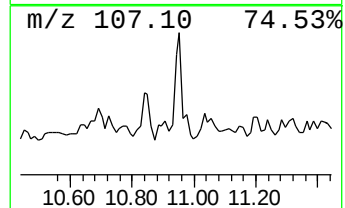
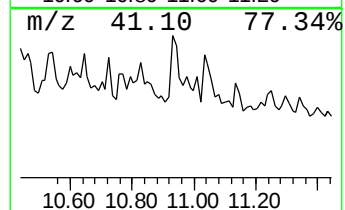
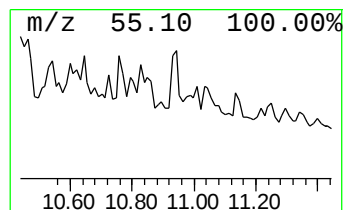
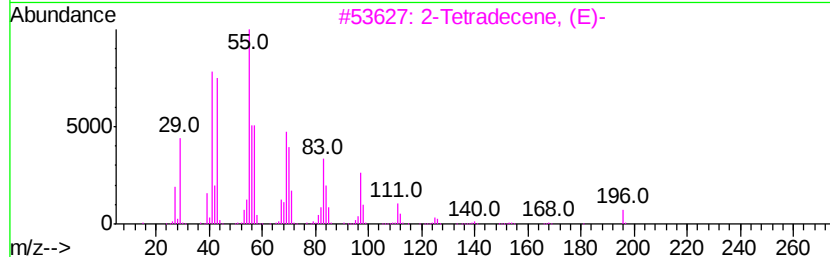
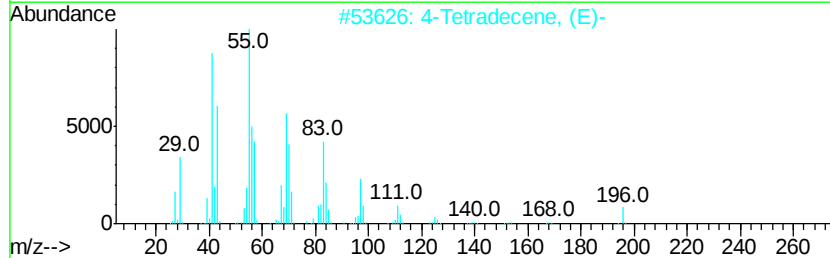
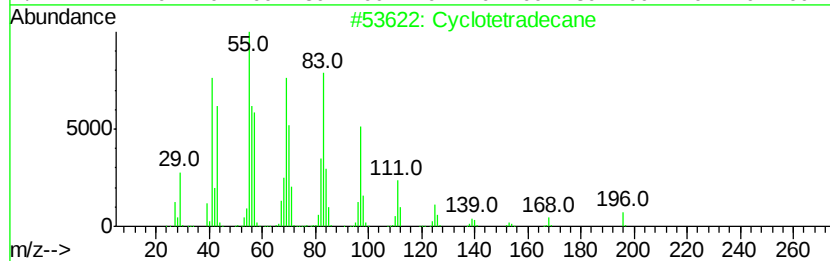
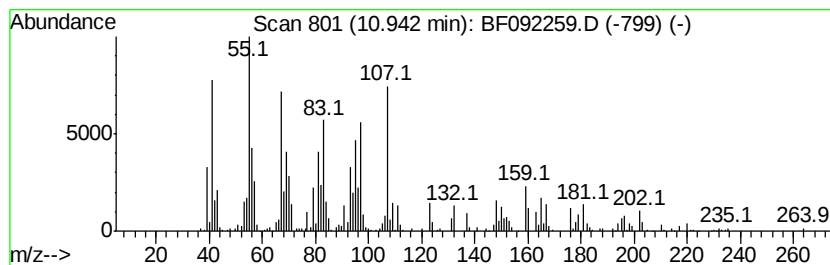
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclotetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.94	10.97 ng	815676	Phenanthrene-d10		11.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	60
2	4-Tetradecene, (E)-	196	C14H28	041446-78-0	53
3	2-Tetradecene, (E)-	196	C14H28	035953-53-8	53
4	Cyclohexaneethanol, 4-methyl-.be...	154	C10H18O	015714-12-2	30
5	6-Tridecene, (Z)-	182	C13H26	006508-77-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

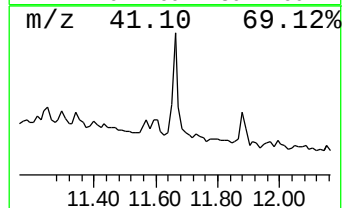
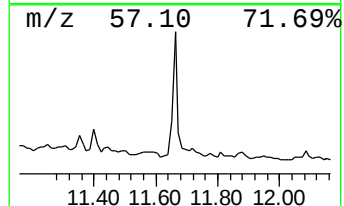
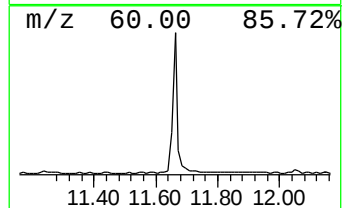
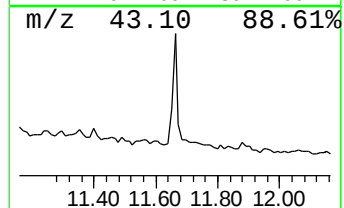
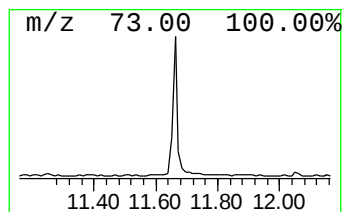
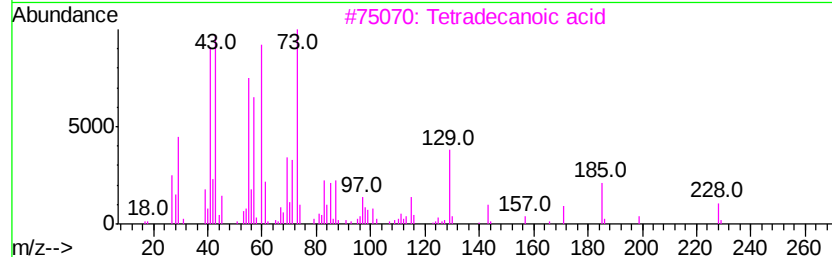
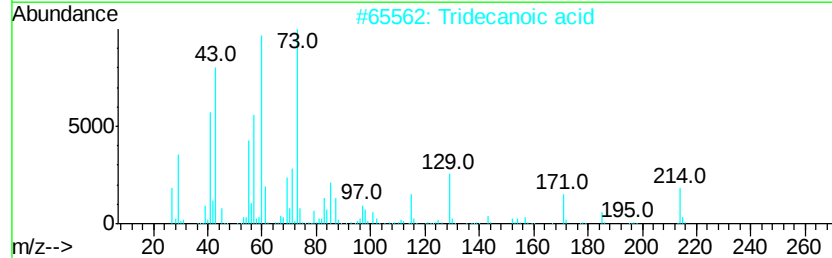
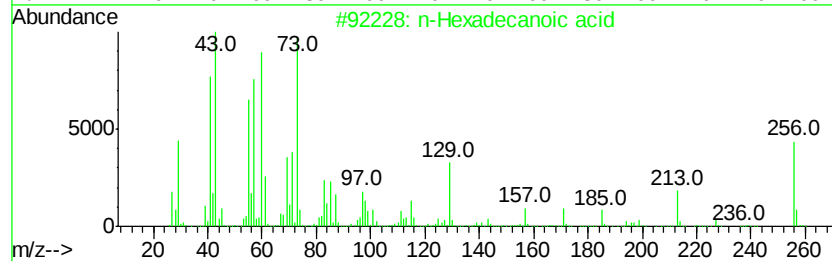
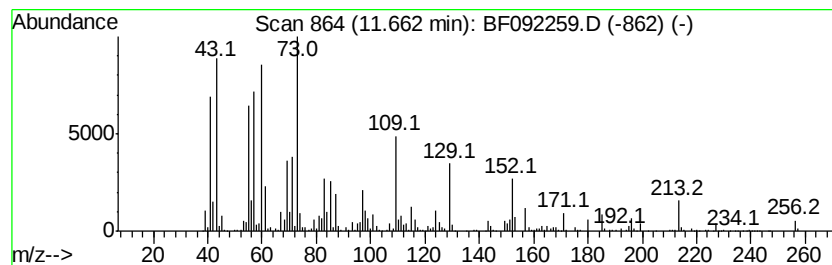
Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.66	11.37 ng	845587	Phenanthrene-d10		11.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	68
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		n-Decanoic acid	172	C10H20O2	000334-48-5	52
5		Nonanoic acid	158	C9H18O2	000112-05-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092259.D
Acq On : 13 Jan 2017 23:21
Operator : UM/SJ
Sample : I1179-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

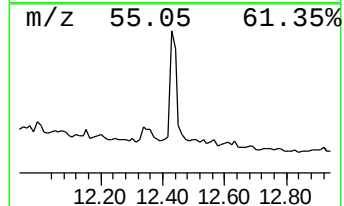
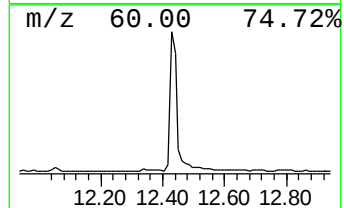
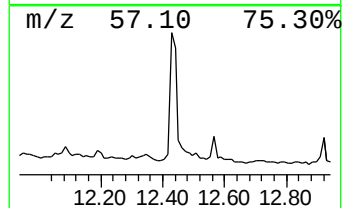
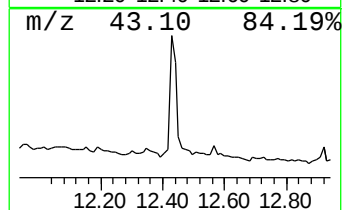
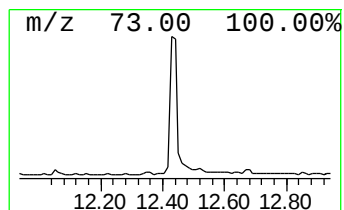
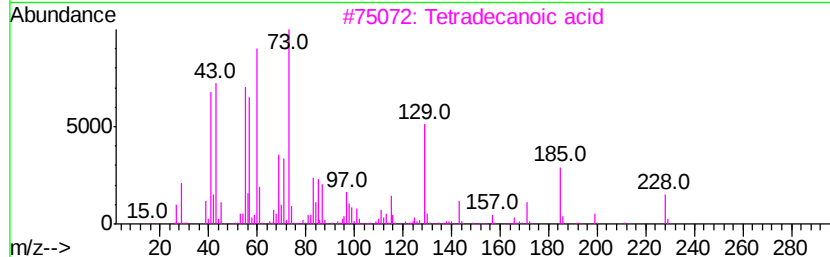
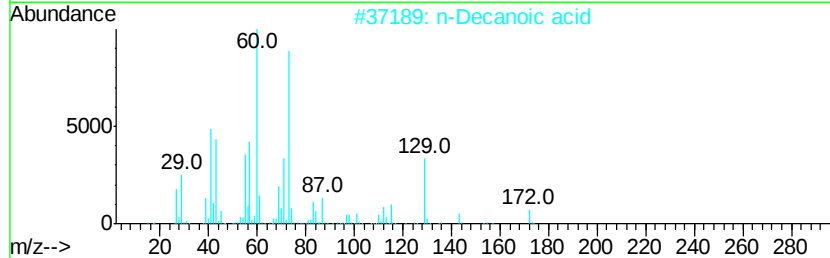
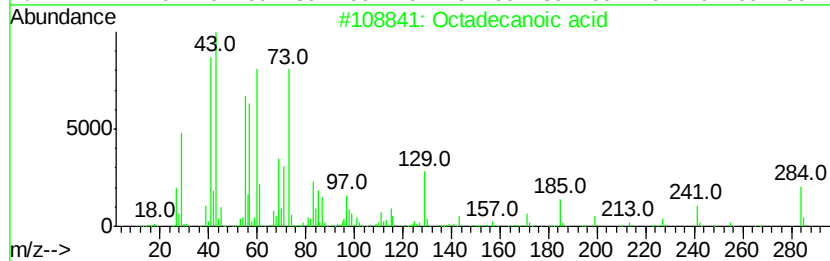
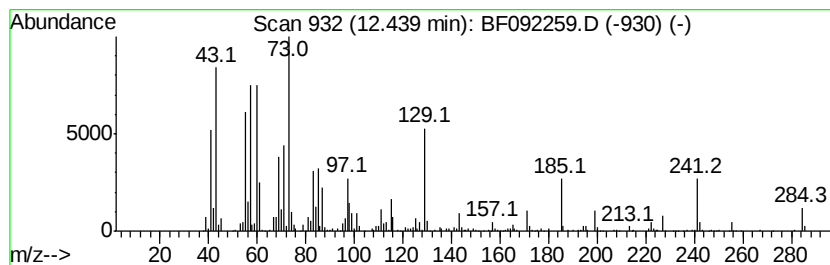
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	13.76 ng	804597	Chrysene-d12	13.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		n-Decanoic acid	172	C10H20O2	000334-48-5	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092259.D
 Acq On : 13 Jan 2017 23:21
 Operator : UM/SJ
 Sample : I1179-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.69	14.5	ng	926253	1	6.58	1274180	20.0
unknown6.35	6.35	74.0	ng	4712800	1	6.58	1274180	20.0
Benzene, 1,2,4-tr...	6.39	9.3	ng	595940	1	6.58	1274180	20.0
Benzene, 1-ethyl...	6.63	12.6	ng	801883	1	6.58	1274180	20.0
Benzene, 1-methyl...	6.98	8.9	ng	569349	1	6.58	1274180	20.0
Benzene, 2-etheny...	7.60	9.8	ng	2150230	2	7.87	4365250	20.0
1-Methylindan-2-one	8.68	22.9	ng	4996830	2	7.87	4365250	20.0
7-Methylindan-1-one	8.87	14.9	ng	2580700	3	9.62	3469070	20.0
1(2H)-Naphthaleno...	9.04	24.8	ng	4308990	3	9.62	3469070	20.0
cis-.beta.-Methyl...	9.22	38.0	ng	6590440	3	9.62	3469070	20.0
unknown9.41	9.41	10.1	ng	1749390	3	9.62	3469070	20.0
1(2H)-Naphthaleno...	9.71	25.1	ng	4362360	3	9.62	3469070	20.0
Naphthalene, 1,6,...	9.94	12.6	ng	2176430	3	9.62	3469070	20.0
Naphthalene, 1,2,...	10.77	10.9	ng	812676	4	11.09	1487720	20.0
unknown10.84	10.84	10.9	ng	814617	4	11.09	1487720	20.0
Cyclotetradecane	10.94	11.0	ng	815676	4	11.09	1487720	20.0
n-Hexadecanoic acid	11.66	11.4	ng	845587	4	11.09	1487720	20.0
Octadecanoic acid	12.44	13.8	ng	804597	5	13.72	1169800	20.0