

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085391.D
 Acq On : 12 Mar 2016 00:18
 Operator : UM/SJ
 Sample : H1743-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MNR-BLDG 30-RW-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-BF030316.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	5.121	246	248	252	rVB3	120083	171155	2.87%	0.124%
2	5.533	281	284	286	rBV	2174687	1994586	33.50%	1.446%
3	5.967	318	322	324	rBV3	126323	208070	3.49%	0.151%
4	6.093	331	333	335	rVB	347953	380794	6.40%	0.276%
5	6.253	344	347	352	rBV4	77373	163900	2.75%	0.119%
6	6.333	352	354	355	rBV	137338	185802	3.12%	0.135%
7	6.390	358	359	361	rVB	605874	452478	7.60%	0.328%
8	6.561	372	374	376	rVB	996020	1228674	20.64%	0.891%
9	6.619	376	379	381	rVB	281772	251774	4.23%	0.183%
10	6.699	383	386	388	rBV	3049650	3132550	52.61%	2.271%
11	6.756	388	391	394	rBV	1064502	1024374	17.20%	0.743%
12	6.893	398	403	405	rBV2	332140	556605	9.35%	0.404%
13	6.939	405	407	410	rVB2	876092	1070490	17.98%	0.776%
14	6.996	410	412	414	rBV	765209	738021	12.40%	0.535%
15	7.099	418	421	424	rBV2	2467359	5282635	88.72%	3.830%
16	7.190	426	429	430	rBV	517981	634866	10.66%	0.460%
17	7.259	432	435	439	rBV	710035	1015868	17.06%	0.737%
18	7.339	439	442	446	rBV3	483337	755474	12.69%	0.548%
19	7.407	446	448	449	rBV	432391	517749	8.70%	0.375%
20	7.476	451	454	455	rBV	2034640	2325487	39.06%	1.686%
21	7.510	455	457	459	rVB2	2638502	3402443	57.14%	2.467%
22	7.579	461	463	465	rBV3	306395	443270	7.44%	0.321%
23	7.624	465	467	469	rBV	447982	540064	9.07%	0.392%
24	7.704	471	474	476	rBV	856711	1372490	23.05%	0.995%
25	7.739	476	477	479	rVB	1011374	734133	12.33%	0.532%
26	7.830	482	485	486	rBV2	248333	355561	5.97%	0.258%
27	7.899	486	491	493	rBV2	1242901	1989859	33.42%	1.443%
28	7.967	494	497	498	rBV	2966832	3497943	58.75%	2.536%
29	7.990	498	499	501	rVB2	291778	311526	5.23%	0.226%
30	8.036	501	503	504	rBV2	189171	179499	3.01%	0.130%
31	8.059	504	505	507	rVB	601903	597205	10.03%	0.433%
32	8.093	507	508	510	rVB	461521	359838	6.04%	0.261%
33	8.184	510	516	517	rBV4	726206	1751229	29.41%	1.270%
34	8.219	517	519	522	rBV3	1315222	2449611	41.14%	1.776%

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35	8.310	526	527	529	rVB	496992	360103	6.05%	0.261%
36	8.367	529	532	534	rBV3	491388	958360	16.10%	0.695%
37	8.425	534	537	538	rBV2	1005159	1176013	19.75%	0.853%
38	8.470	538	541	542	rBV	1099802	1260679	21.17%	0.914%
39	8.505	542	544	549	rVB6	745261	1551336	26.05%	1.125%
40	8.585	549	551	552	rBV2	526373	733467	12.32%	0.532%
41	8.607	552	553	555	rVB2	1226308	1141427	19.17%	0.828%
42	8.687	555	560	562	rBV4	905076	2438469	40.95%	1.768%
43	8.733	562	564	565	rVB2	1925224	1860178	31.24%	1.349%
44	8.767	565	567	570	rVB3	432656	571704	9.60%	0.415%
45	8.813	570	571	573	rBV	1078196	1342783	22.55%	0.974%
46	8.893	573	578	579	rBV3	922930	1562767	26.25%	1.133%
47	8.950	579	583	584	rBV	4273201	5954119	100.00%	4.317%
48	8.973	584	585	586	rVB	254782	174653	2.93%	0.127%
49	9.007	586	588	589	rBV2	375157	350670	5.89%	0.254%
50	9.042	589	591	593	rBV	3909330	5560936	93.40%	4.032%
51	9.076	593	594	596	rVB2	610632	669676	11.25%	0.486%
52	9.122	596	598	599	rBV2	649814	1120220	18.81%	0.812%
53	9.167	599	602	603	rVV2	674774	1135538	19.07%	0.823%
54	9.202	603	605	606	rVB2	367418	435899	7.32%	0.316%
55	9.247	606	609	612	rVB4	956443	1537842	25.83%	1.115%
56	9.305	612	614	616	rBV	4020564	3952490	66.38%	2.866%
57	9.339	616	617	619	rVB2	553979	585759	9.84%	0.425%
58	9.419	623	624	625	rVB	303960	208517	3.50%	0.151%
59	9.499	625	631	634	rBV3	1234772	3240510	54.42%	2.349%
60	9.567	634	637	640	rVB2	2217890	3698727	62.12%	2.682%
61	9.647	640	644	645	rBV	3057045	4834362	81.19%	3.505%
62	9.693	647	648	650	rVB2	1115160	1513924	25.43%	1.098%
63	9.727	650	651	652	rBV	287963	345072	5.80%	0.250%
64	9.762	652	654	656	rVV	1364526	1641705	27.57%	1.190%
65	9.842	659	661	663	rBV2	1003350	1284995	21.58%	0.932%
66	9.979	669	673	675	rBV4	1246301	2720863	45.70%	1.973%
67	10.025	675	677	678	rVV2	562588	624700	10.49%	0.453%
68	10.082	681	682	684	rBV	680072	1045433	17.56%	0.758%
69	10.128	684	686	687	rBV2	817648	895278	15.04%	0.649%
70	10.185	689	691	693	rVB2	867892	1176456	19.76%	0.853%
71	10.230	693	695	696	rVB	417343	471578	7.92%	0.342%

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72	10.265	696	698	700	rVB2	376036	442685	7.43%	0.321%
73	10.299	700	701	702	rBV	694262	796465	13.38%	0.577%
74	10.390	706	709	713	rVB2	1553544	2960019	49.71%	2.146%
75	10.470	713	716	718	rBV3	762241	1260024	21.16%	0.914%
76	10.528	719	721	725	rBV5	761561	1255175	21.08%	0.910%
77	10.596	725	727	728	rBV	1249027	1537408	25.82%	1.115%
78	10.733	736	739	741	rBV4	390258	1046441	17.58%	0.759%
79	10.779	741	743	748	rVV5	2020538	2956897	49.66%	2.144%
80	10.848	748	749	751	rVV	667899	805769	13.53%	0.584%
81	10.905	751	754	755	rVV2	995254	1581826	26.57%	1.147%
82	10.985	758	761	764	rVV4	801892	1694655	28.46%	1.229%
83	11.053	764	767	770	rVV2	684951	1697539	28.51%	1.231%
84	11.122	770	773	774	rVV3	436972	849696	14.27%	0.616%
85	11.213	778	781	785	rBV4	602995	1789628	30.06%	1.298%
86	11.339	790	792	795	rBV2	593564	1018057	17.10%	0.738%
87	11.396	795	797	798	rBV	279824	367988	6.18%	0.267%
88	11.442	798	801	802	rBV	443644	854508	14.35%	0.620%
89	11.476	802	804	807	rVB4	1414339	2277399	38.25%	1.651%
90	11.568	807	812	813	rBV2	1084376	2650668	44.52%	1.922%
91	11.819	831	834	836	rVB3	414850	708634	11.90%	0.514%
92	11.899	839	841	844	rBV3	696658	1495376	25.11%	1.084%
93	12.071	854	856	862	rVB2	495267	847879	14.24%	0.615%
94	12.299	874	876	879	rBV2	457143	598523	10.05%	0.434%
95	12.345	879	880	882	rBV	405868	402227	6.76%	0.292%
96	12.699	909	911	917	rVB3	410328	756428	12.70%	0.548%
97	12.802	917	920	921	rBV	367798	476449	8.00%	0.345%
98	13.065	940	943	945	rBV	2761403	3070224	51.56%	2.226%
99	14.116	1032	1035	1037	rVB	568480	722014	12.13%	0.523%
100	15.579	1160	1163	1170	rVB	571028	789985	13.27%	0.573%

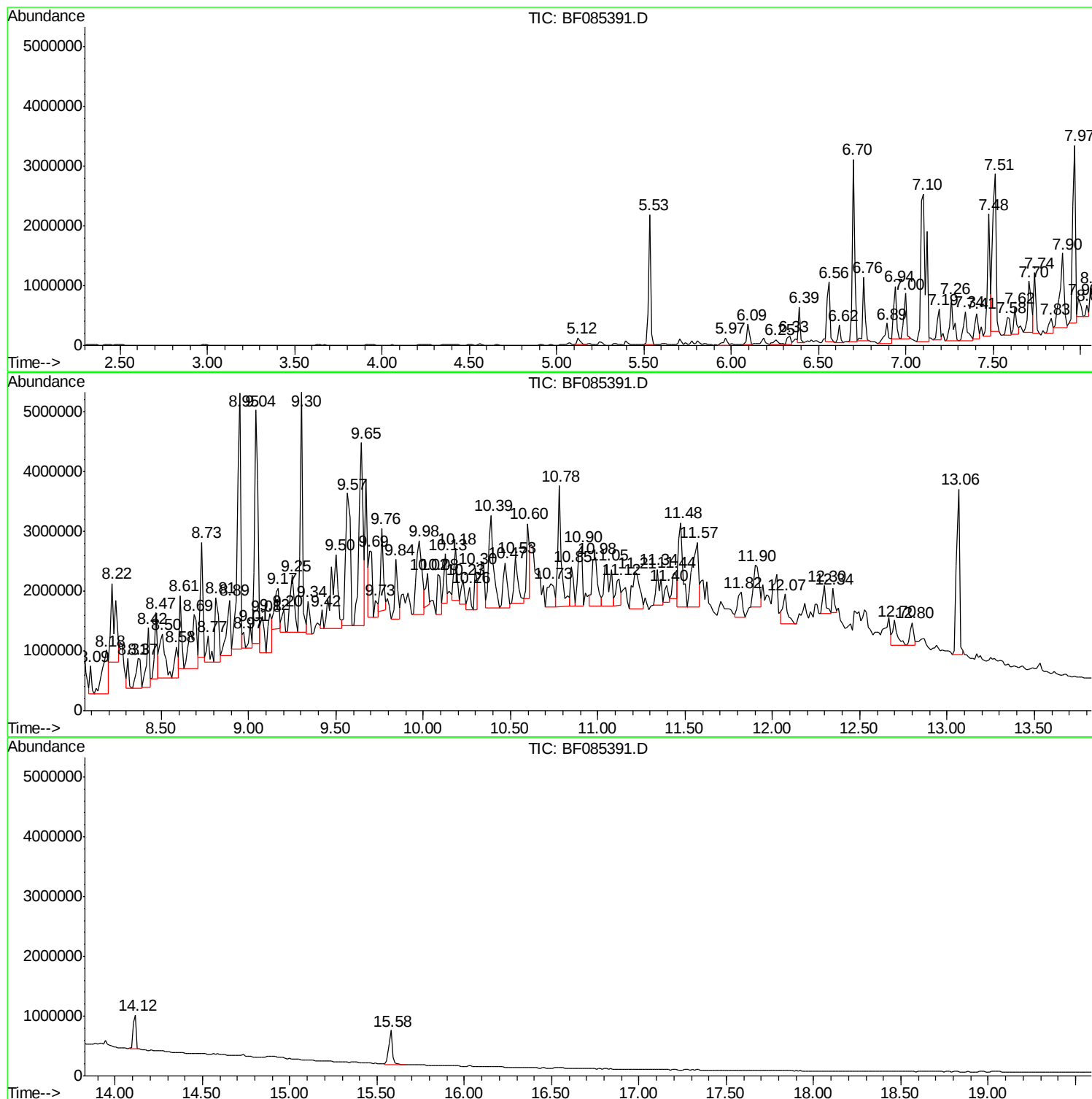
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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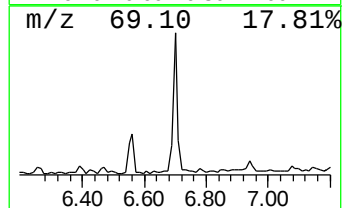
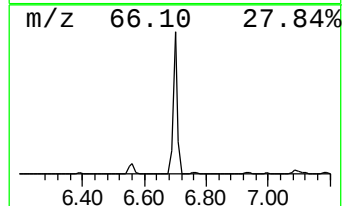
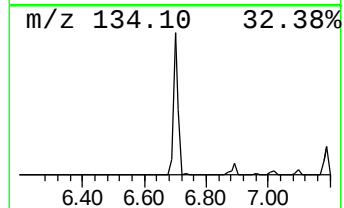
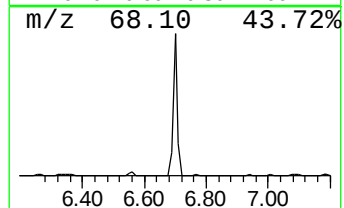
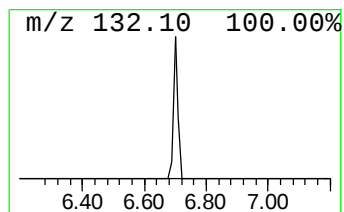
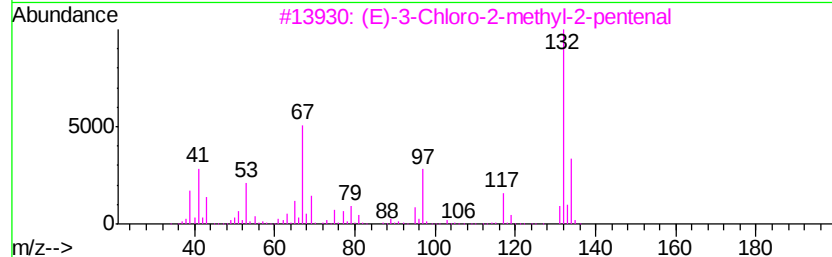
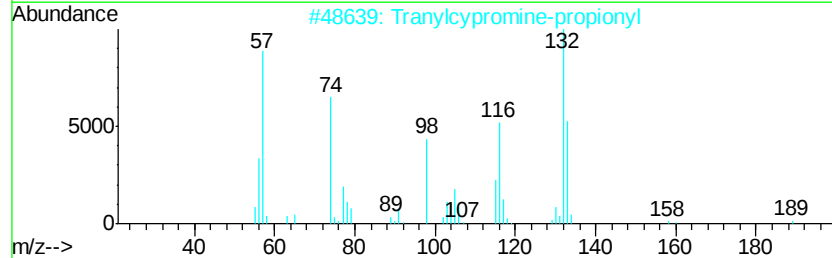
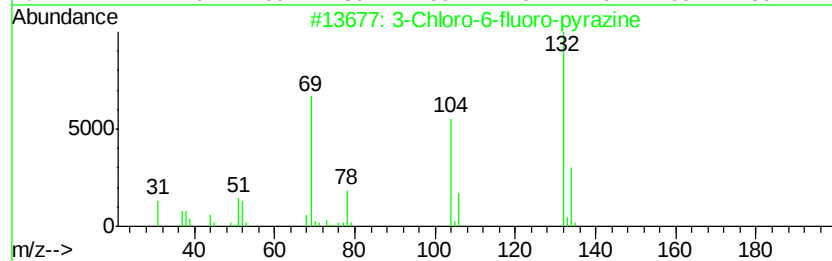
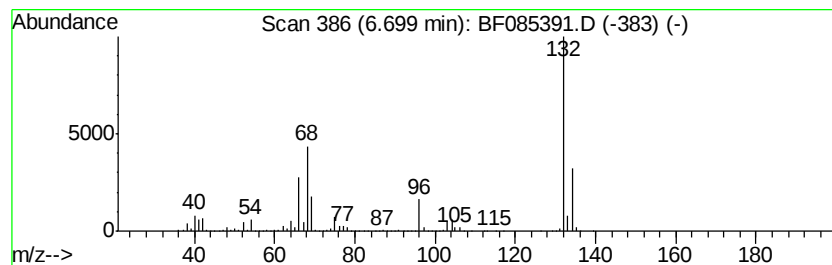
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	58.53 ng	3132550	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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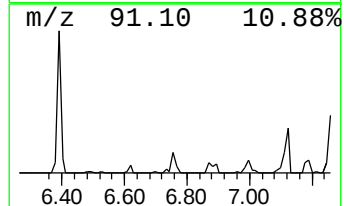
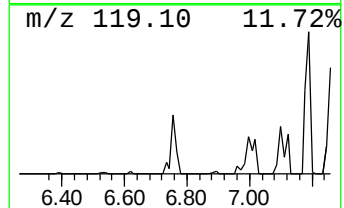
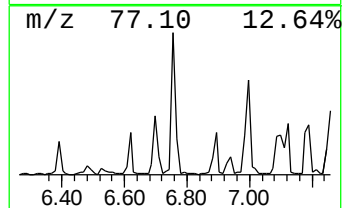
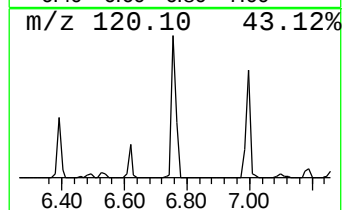
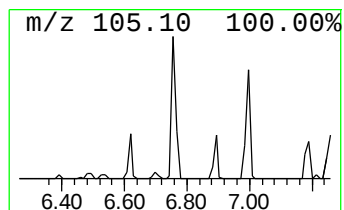
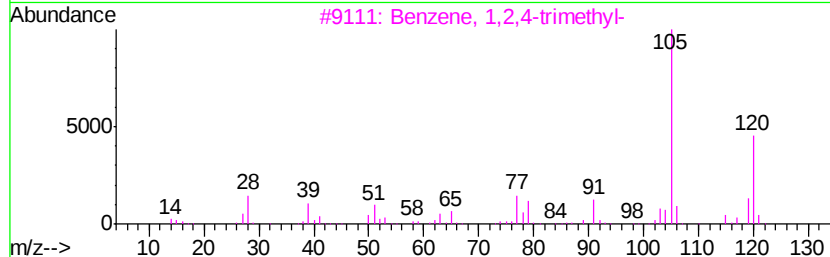
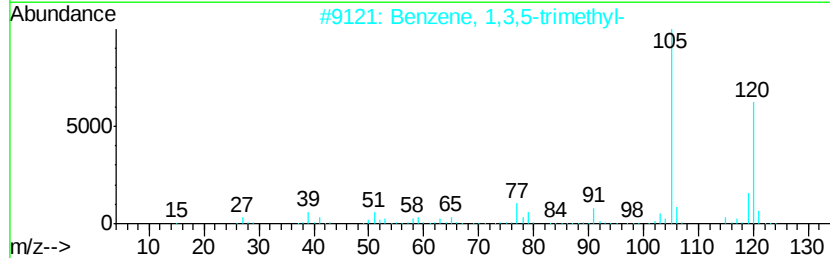
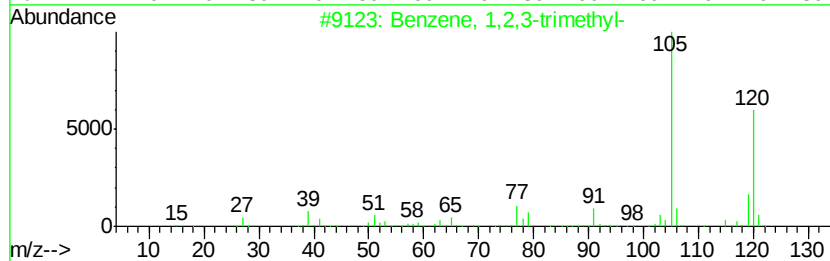
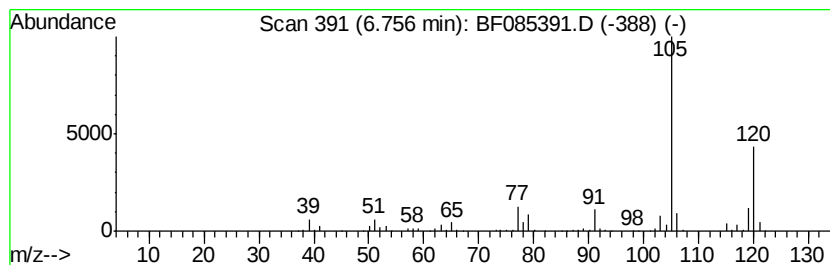
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	19.14 ng	1024370	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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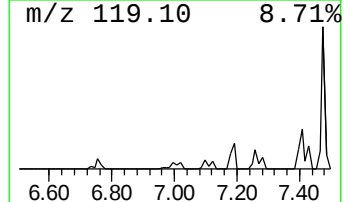
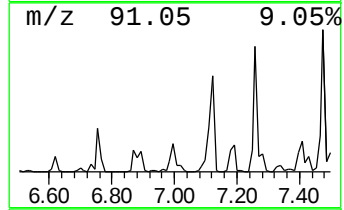
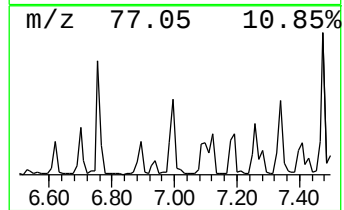
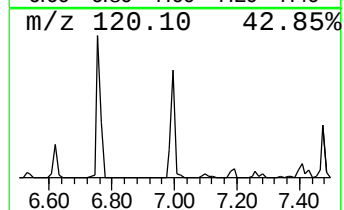
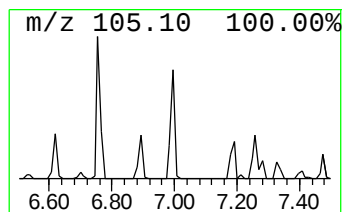
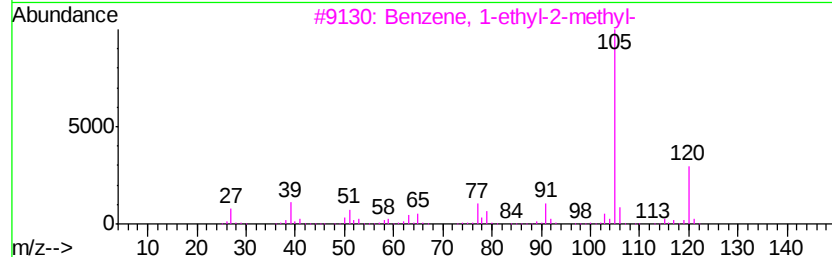
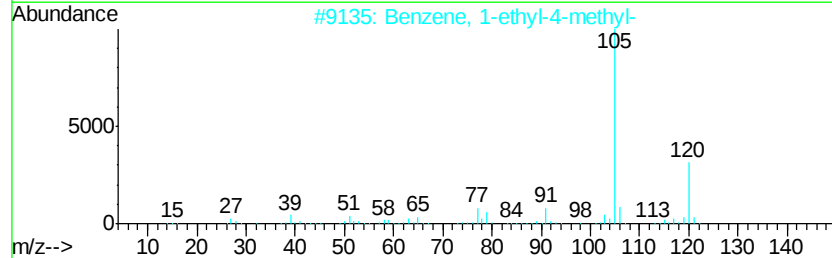
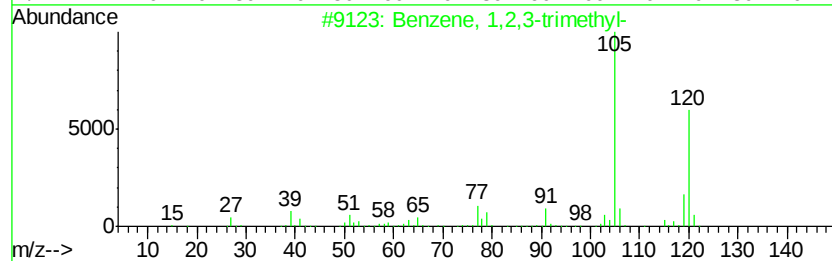
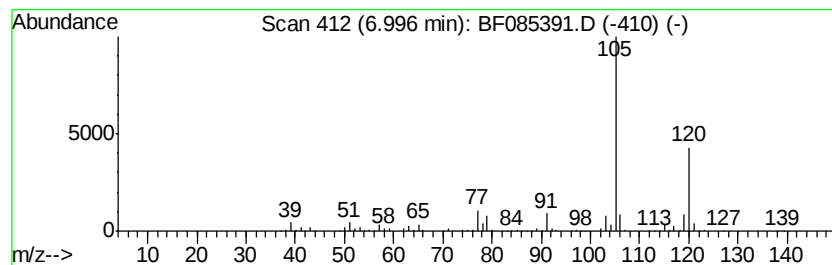
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Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	13.79 ng	738021	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
Sample : H1743-02
Misc :
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ClientSampleId :
MNR-BLDG 30-RW-1

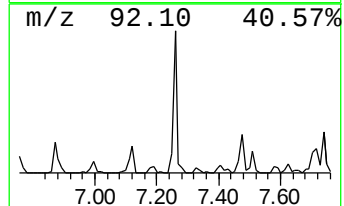
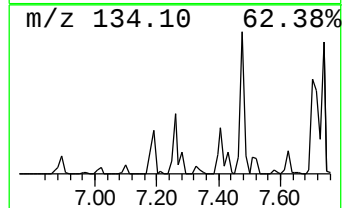
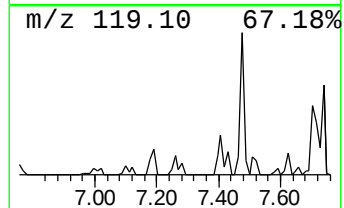
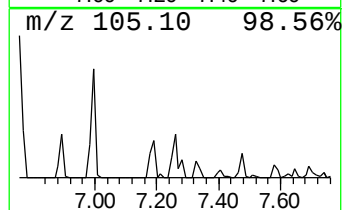
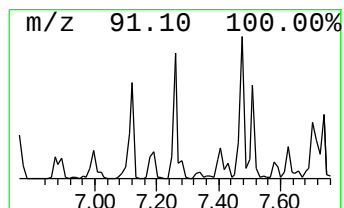
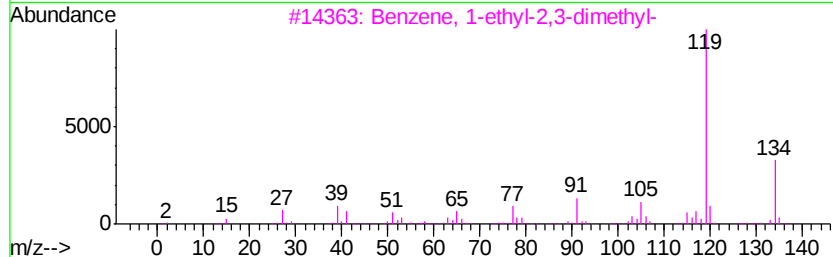
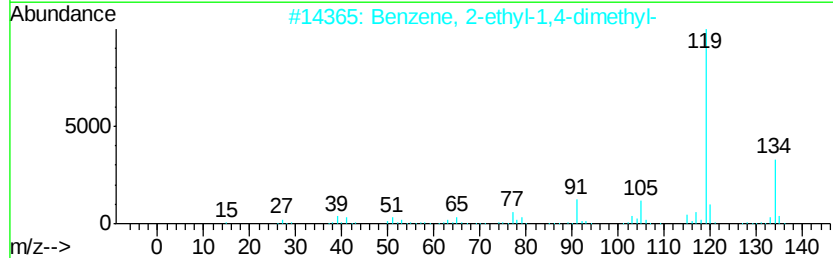
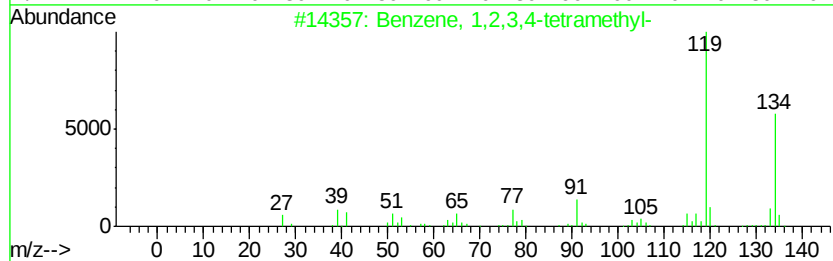
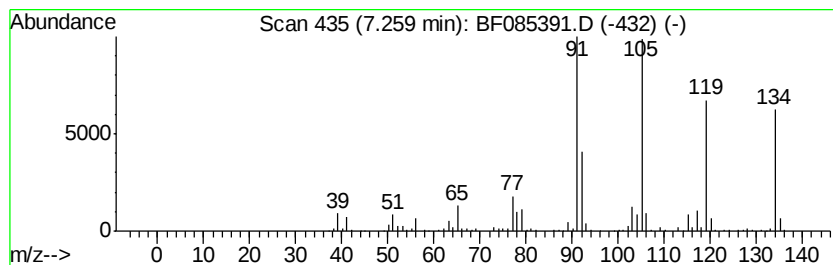
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	18.98 ng	1015870	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
Sample : H1743-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MNR-BLDG 30-RW-1

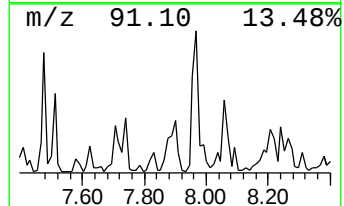
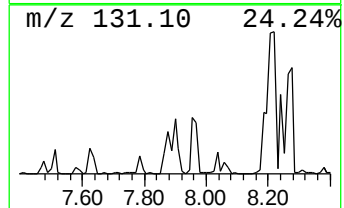
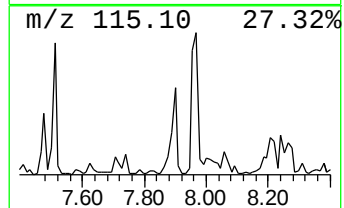
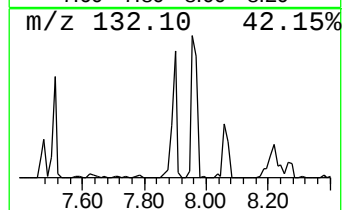
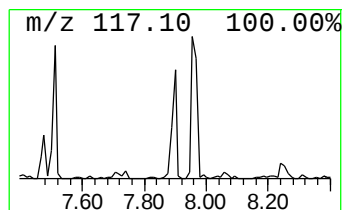
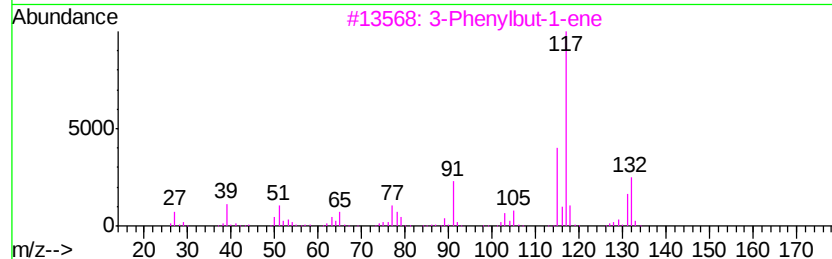
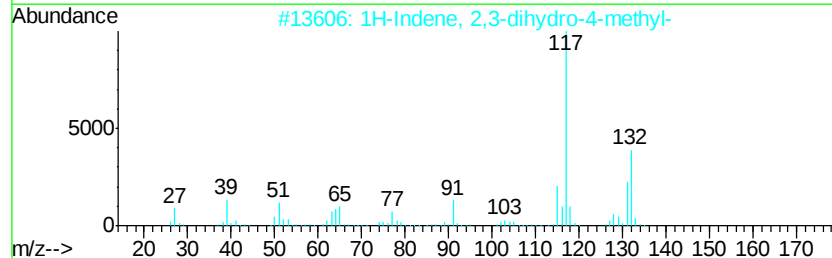
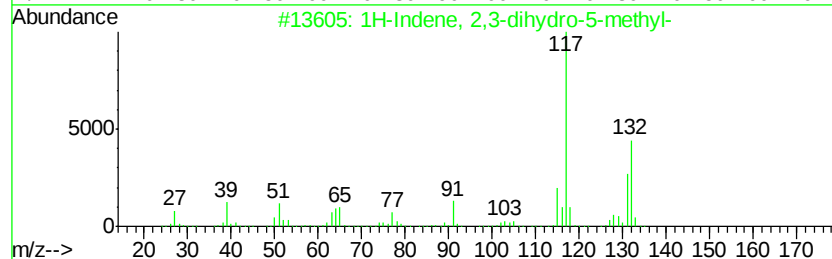
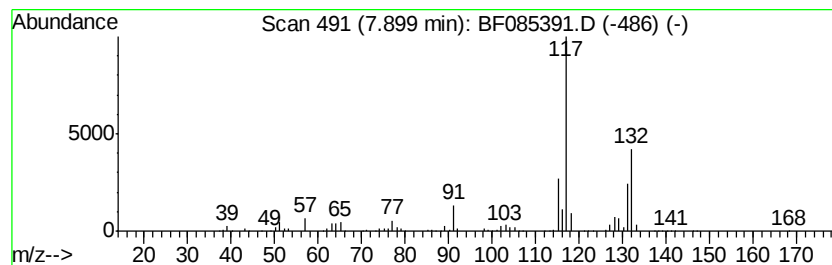
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	16.25 ng	1989860	Napthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
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ClientSampleId :
MNR-BLDG 30-RW-1

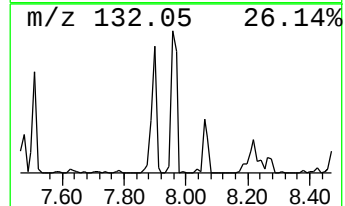
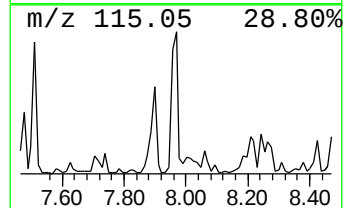
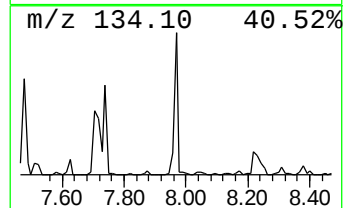
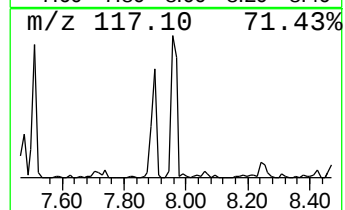
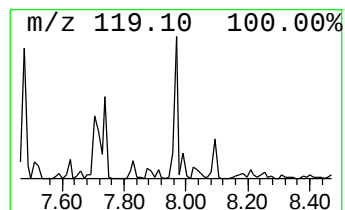
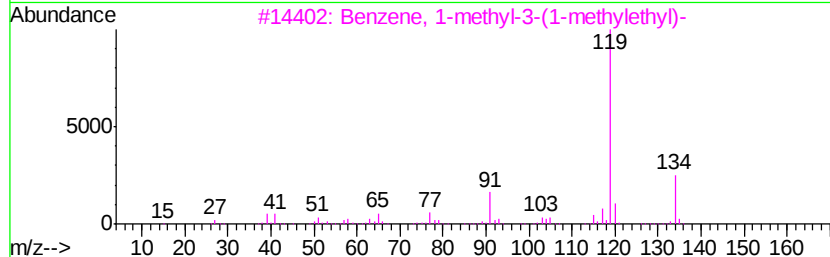
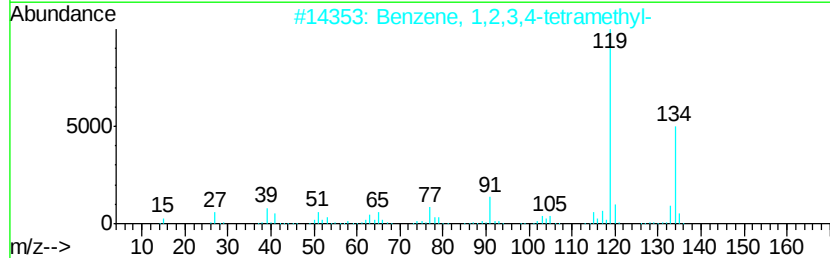
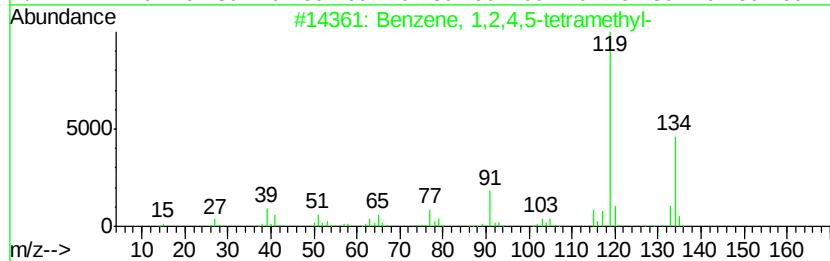
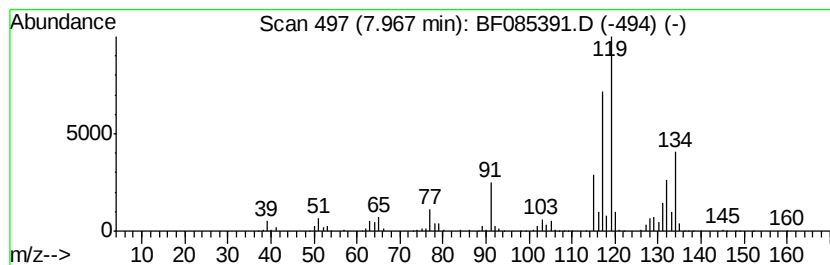
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	28.56 ng	3497940	Napthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
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Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
Sample : H1743-02
Misc :
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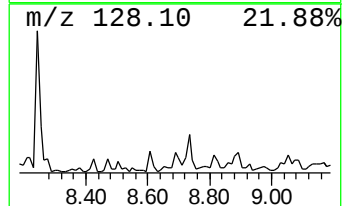
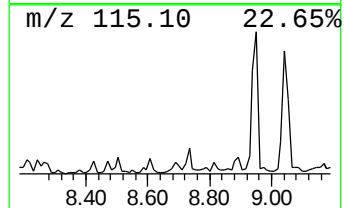
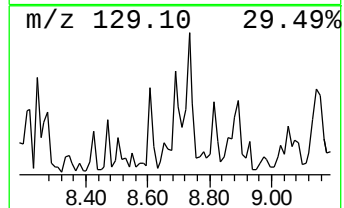
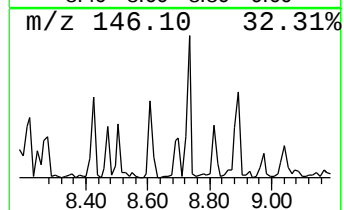
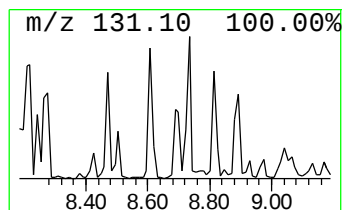
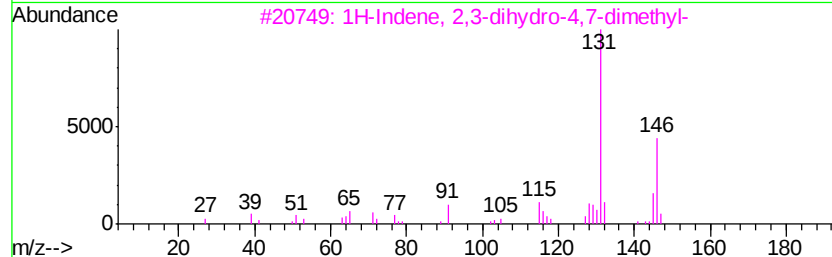
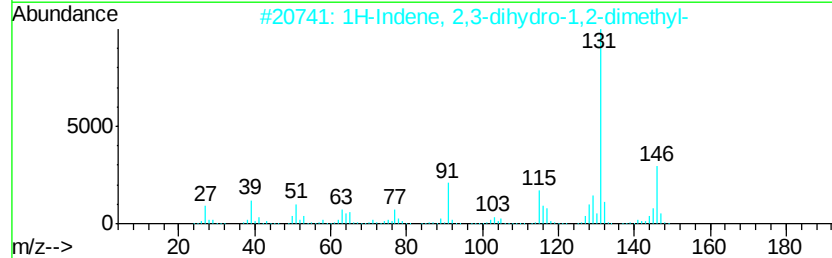
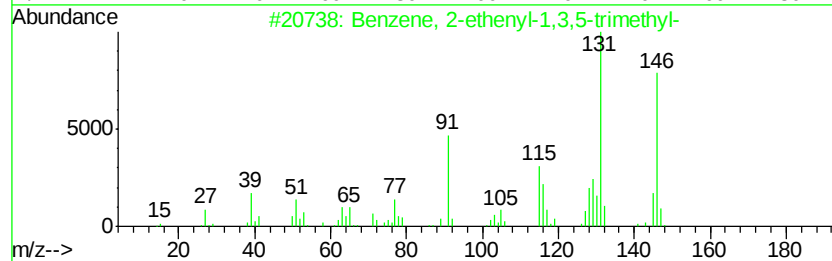
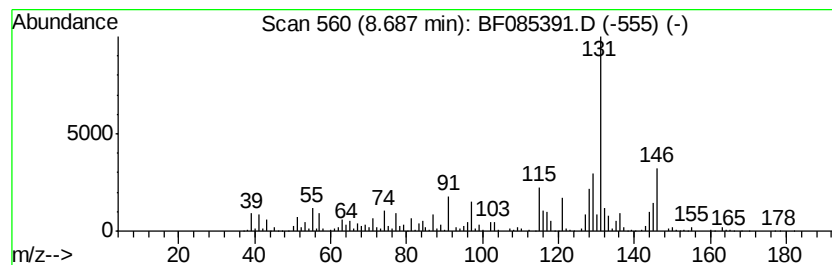
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	19.91 ng	2438470	Napthalene-d8	8.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 83
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 68
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 64
4		.alpha.,.beta.,.beta.-Trimethyls...	146 C11H14	000769-57-3 64
5		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
Sample : H1743-02
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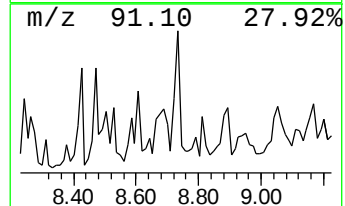
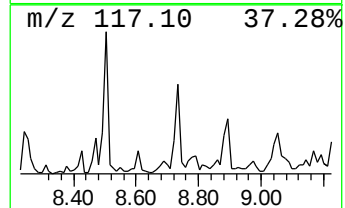
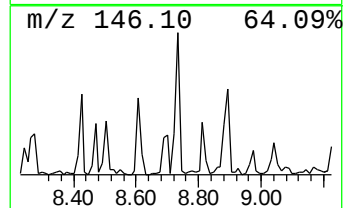
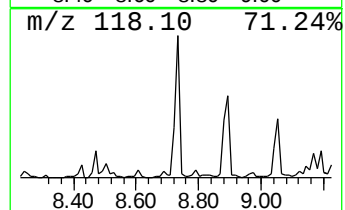
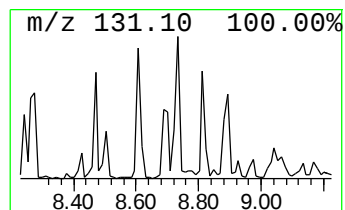
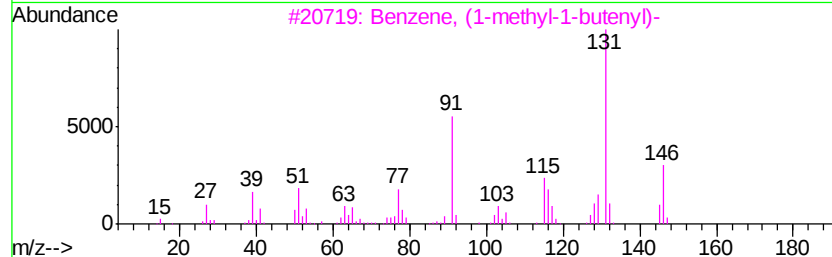
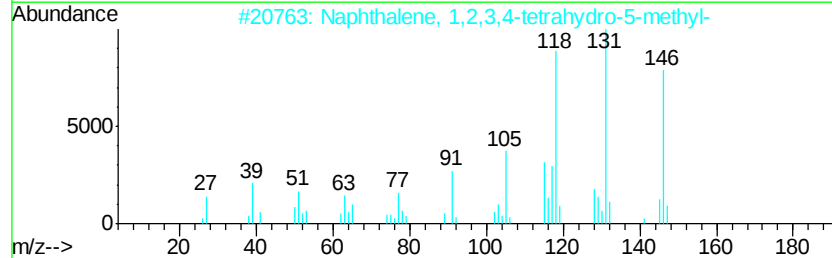
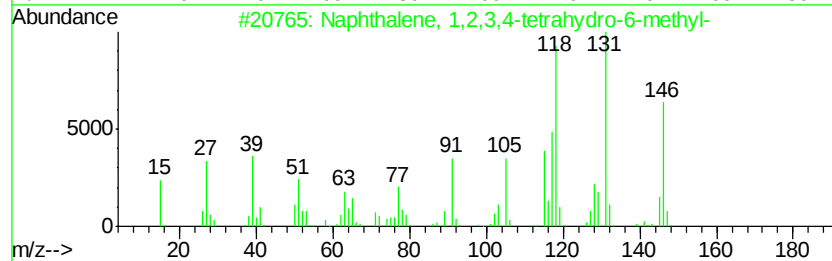
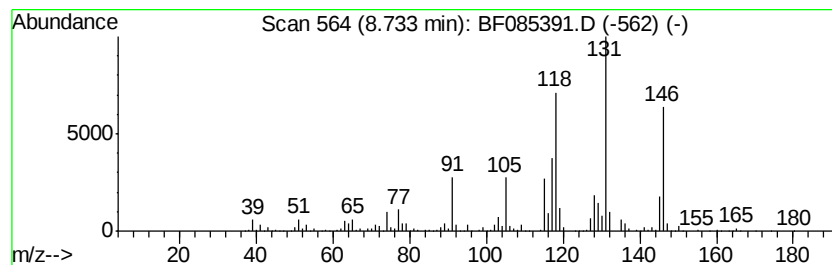
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	15.19 ng	1860180	Naphthalene-d8	8.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 95
3		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 70
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 70
5		Benzene, (1-methylenebutyl)-	146 C11H14	005676-32-4 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
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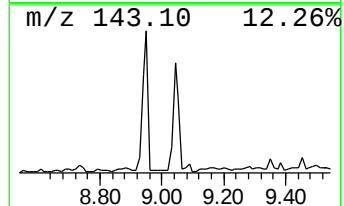
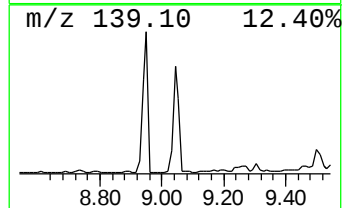
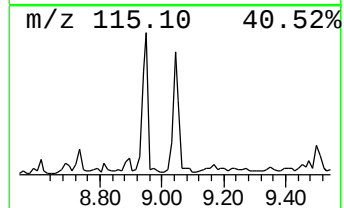
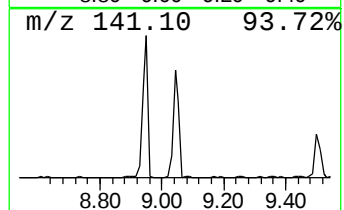
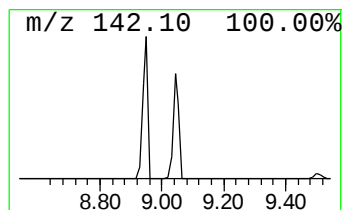
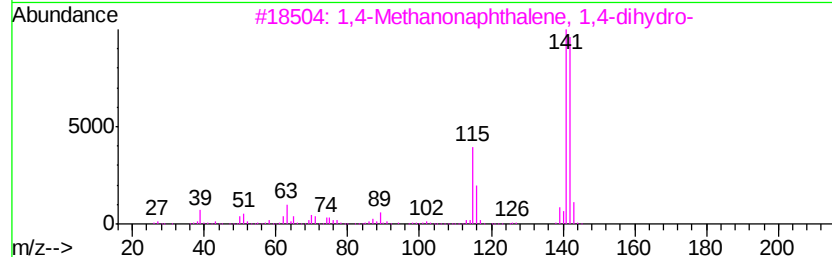
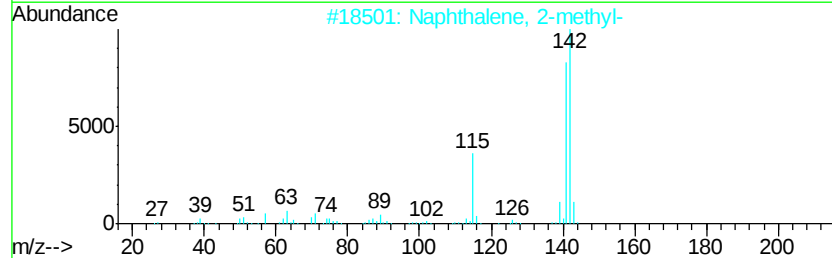
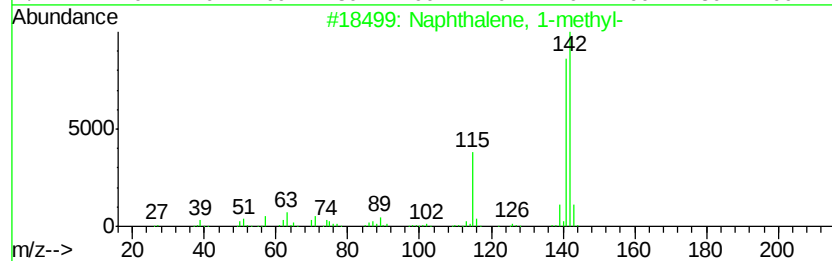
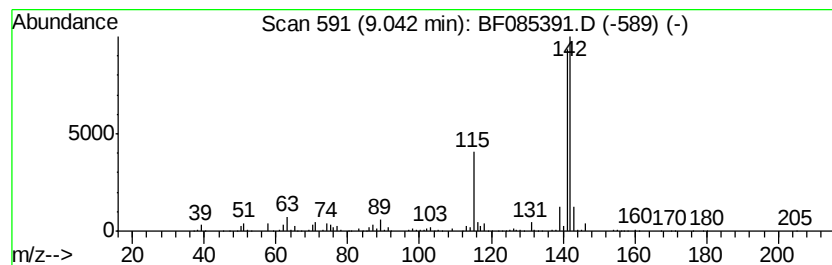
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	45.40 ng	5560940	Naphthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
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Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
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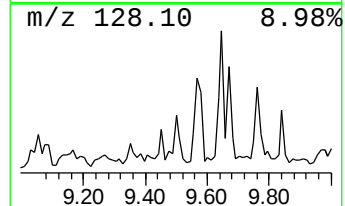
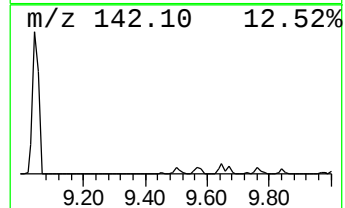
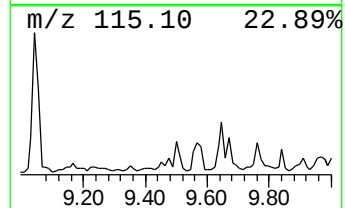
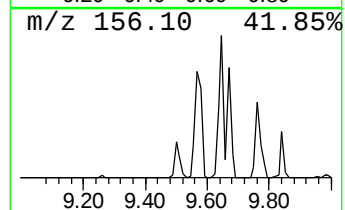
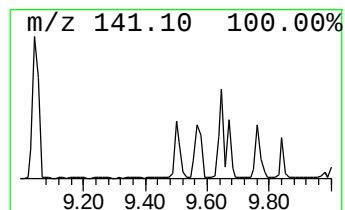
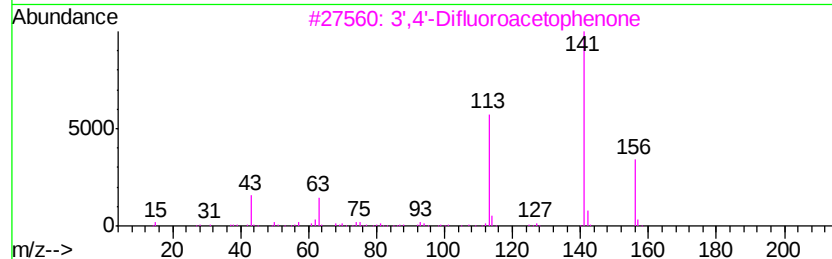
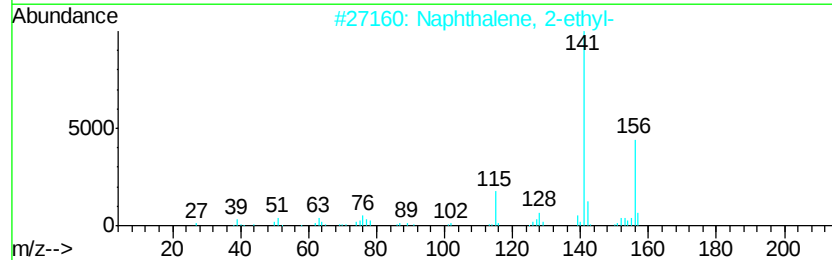
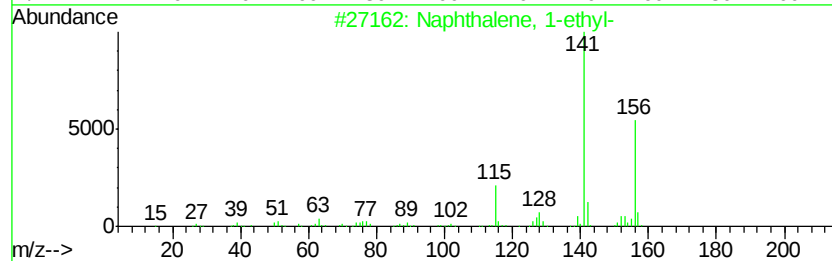
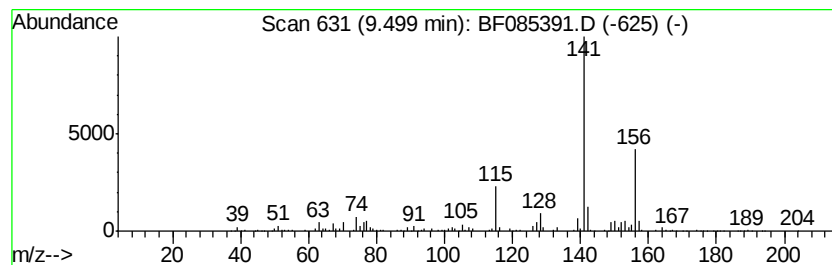
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	23.82 ng	3240510	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3		3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	64
4		Butabarbital	212	C10H16N2O3	000125-40-6	59
5		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
Sample : H1743-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MNR-BLDG 30-RW-1

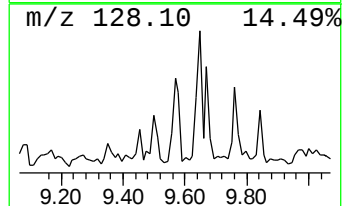
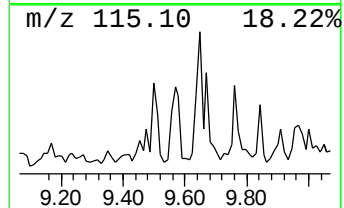
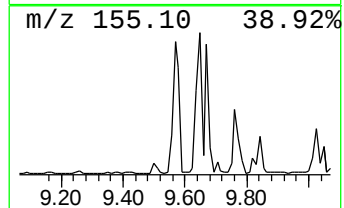
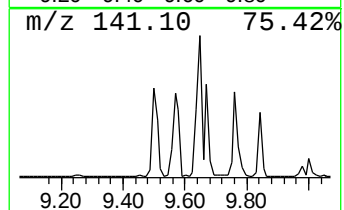
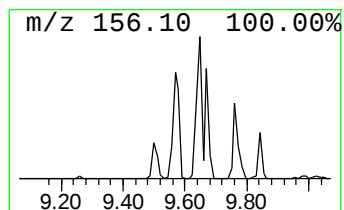
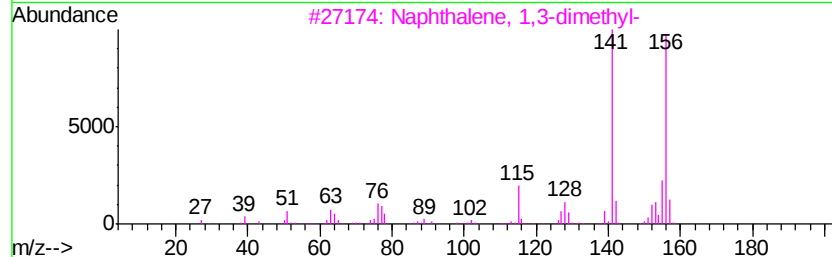
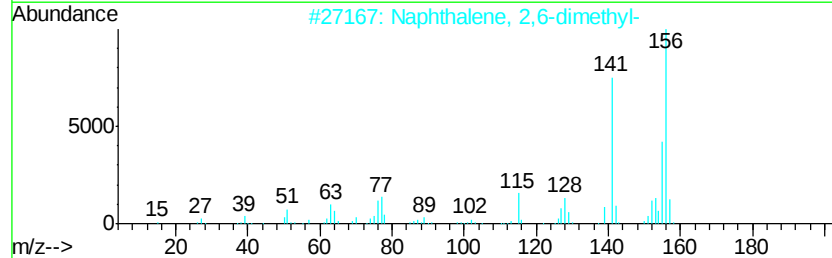
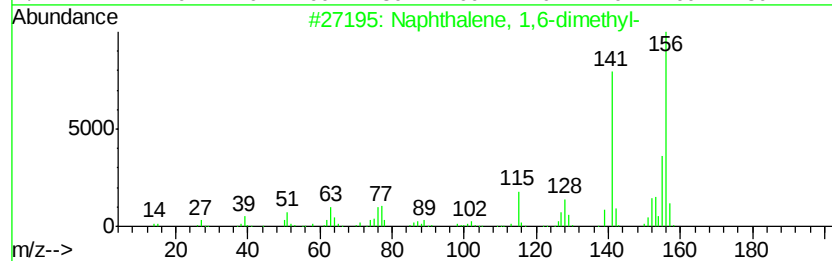
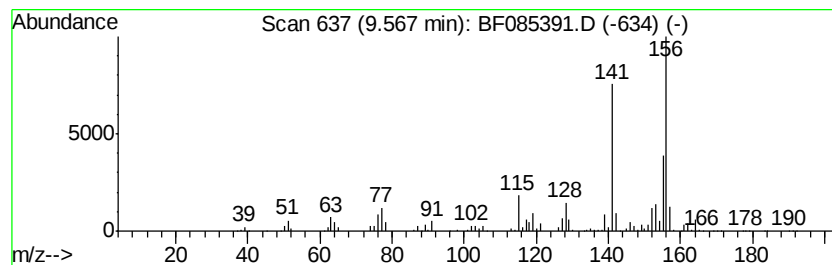
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	27.19 ng	3698730	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
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Misc :
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ClientSampleId :
MNR-BLDG 30-RW-1

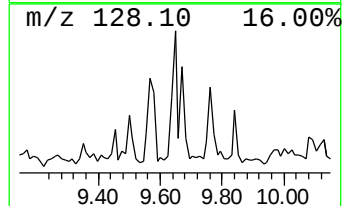
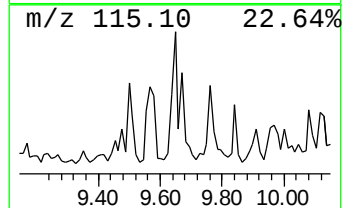
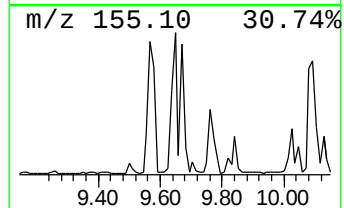
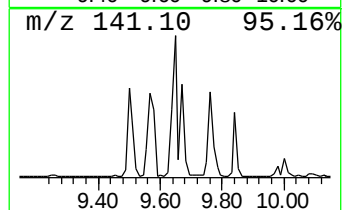
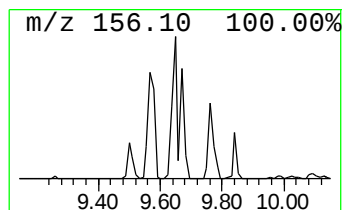
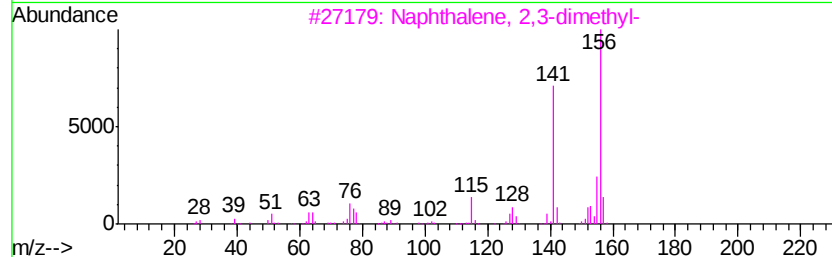
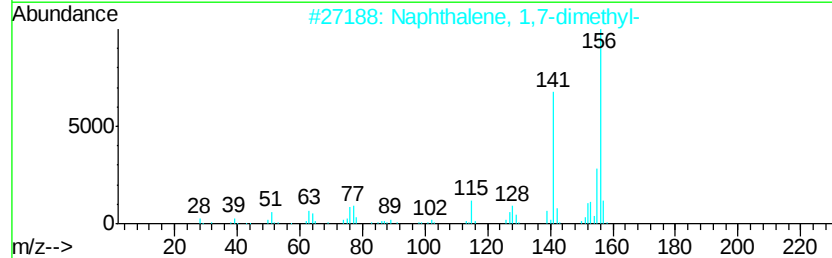
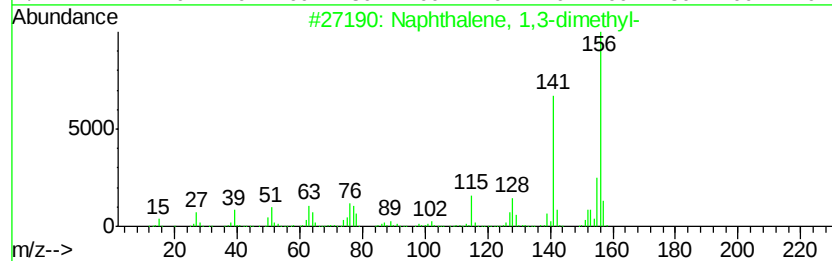
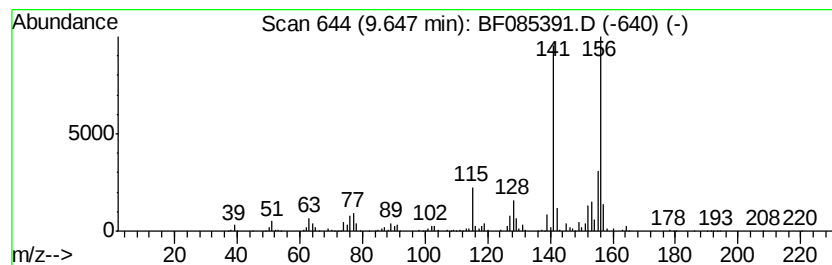
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	35.54 ng	4834360	Acenaphthene-d10	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
Sample : H1743-02
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
MNR-BLDG 30-RW-1

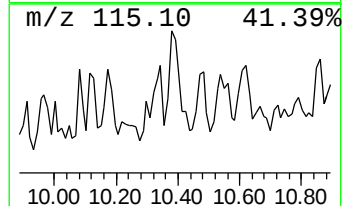
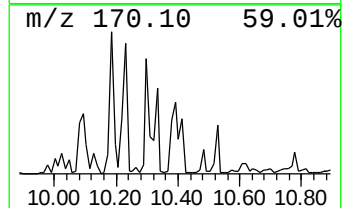
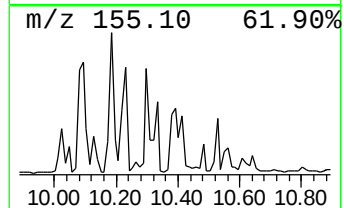
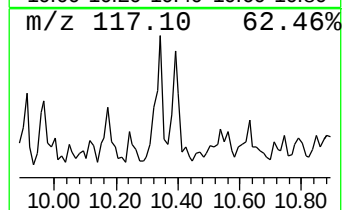
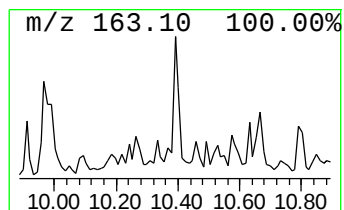
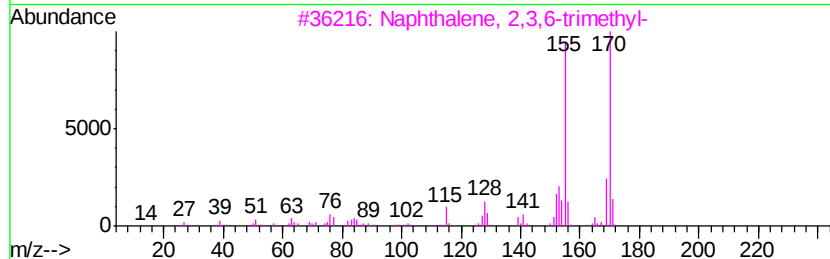
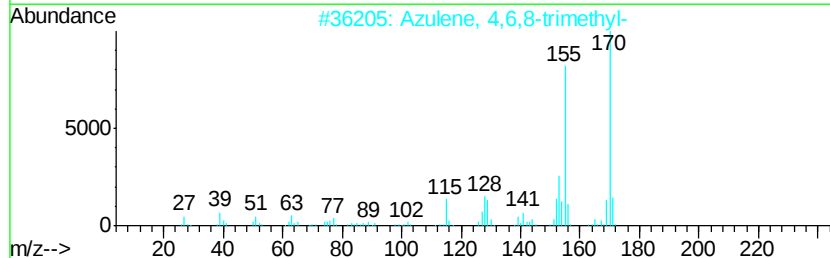
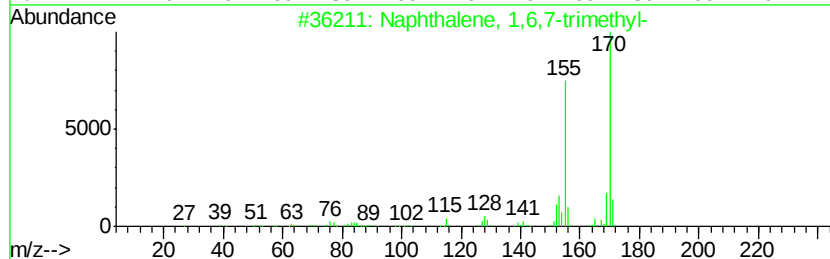
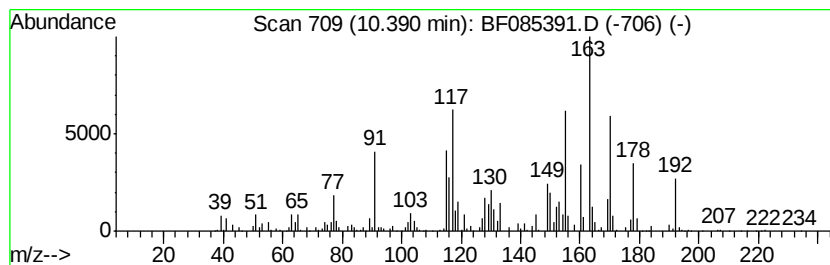
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	21.76 ng	2960020	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	56
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	44
5		Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
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Operator : UM/SJ
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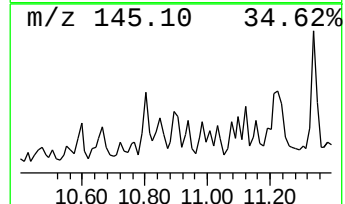
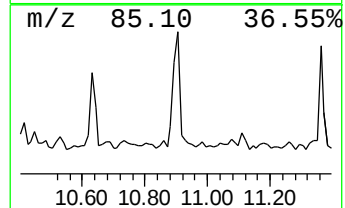
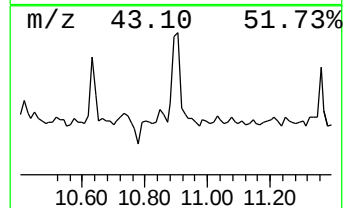
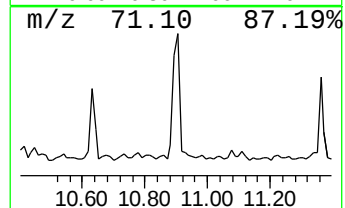
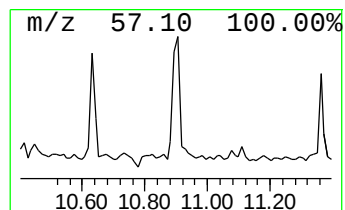
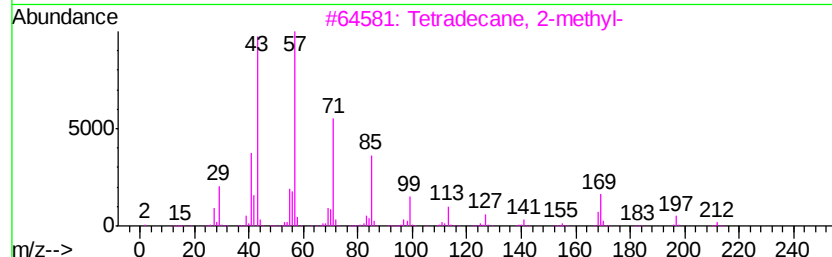
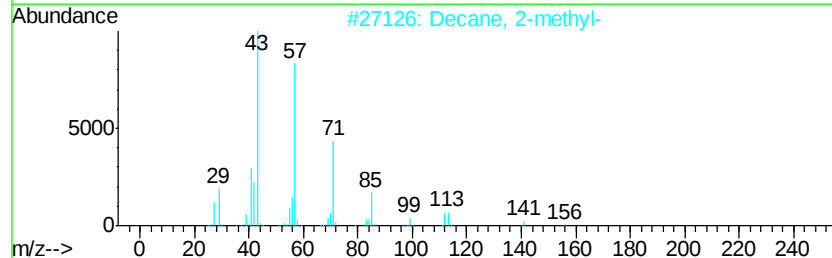
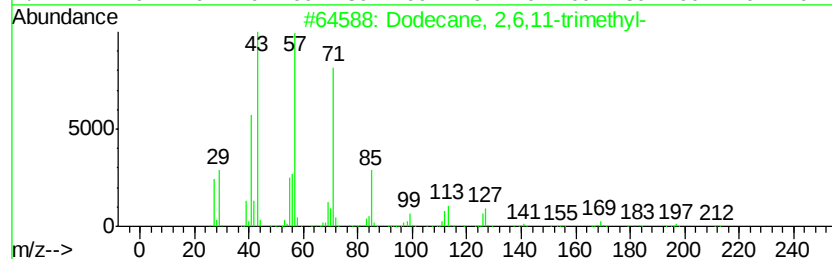
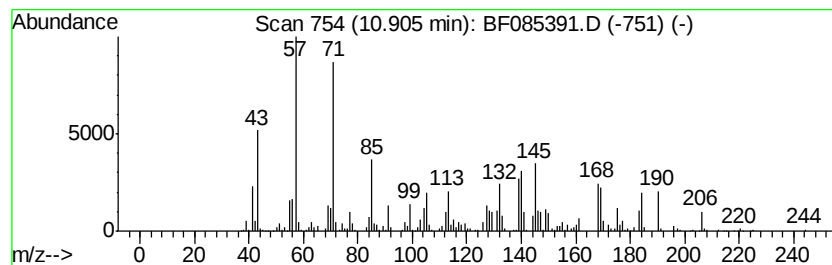
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.90 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	13.89 ng	1581830	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35
2		Decane, 2-methyl-	156	C11H24	006975-98-0	35
3		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	27
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	25
5		Dodecane	170	C12H26	000112-40-3	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
Sample : H1743-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MNR-BLDG 30-RW-1

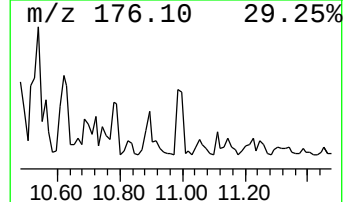
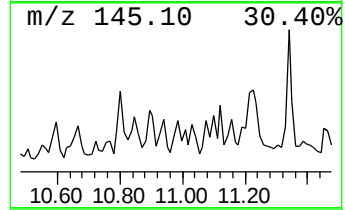
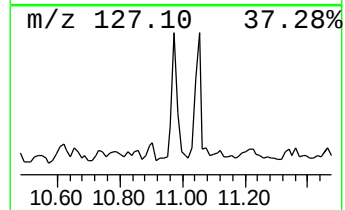
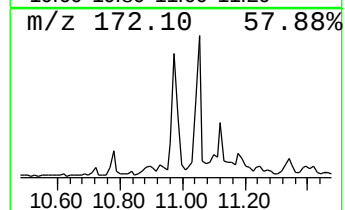
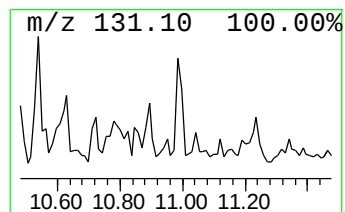
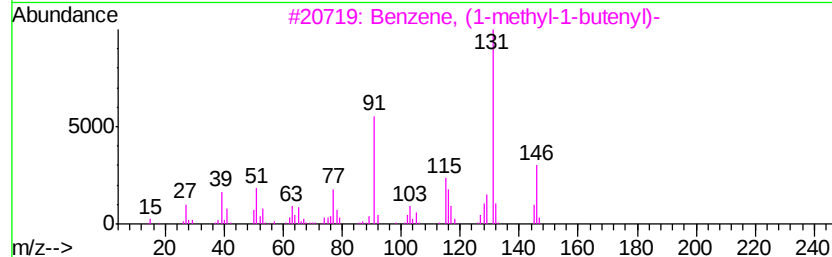
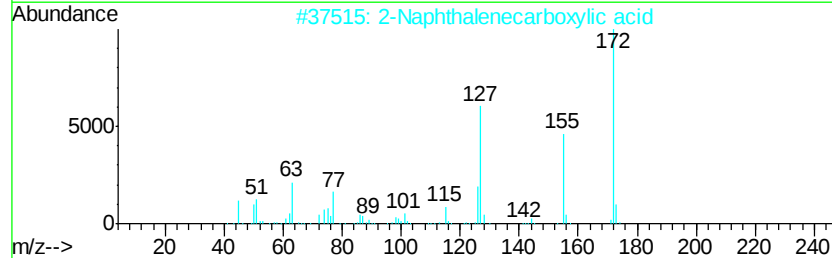
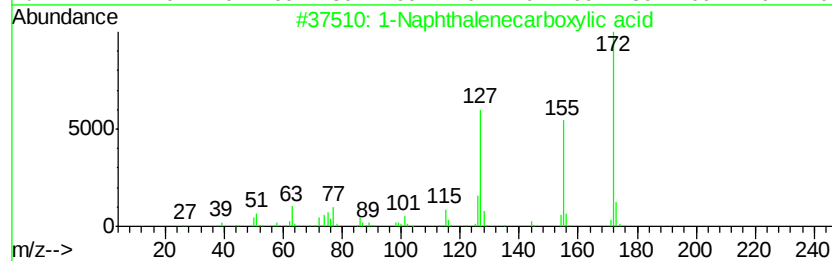
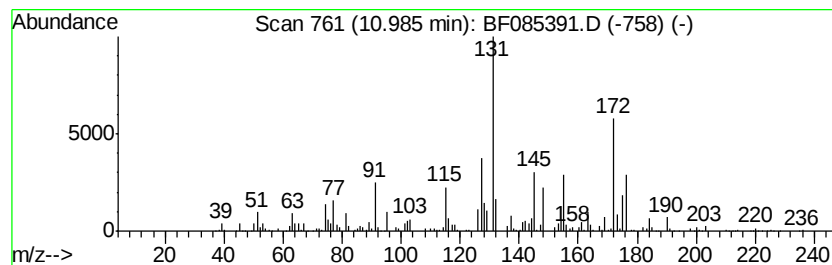
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.98 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	14.88 ng	1694660	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	47
2		2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	35
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	22
4		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	14
5		Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
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Acq On : 12 Mar 2016 00:18
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MNR-BLDG 30-RW-1

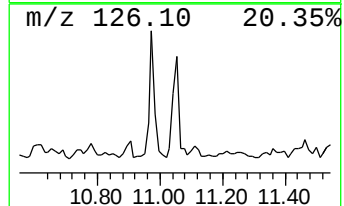
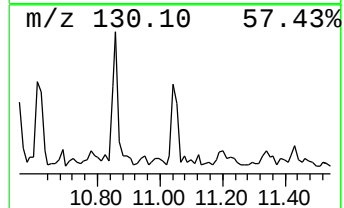
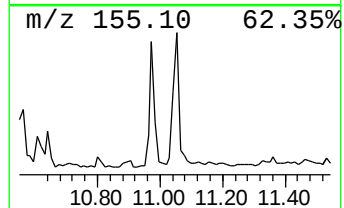
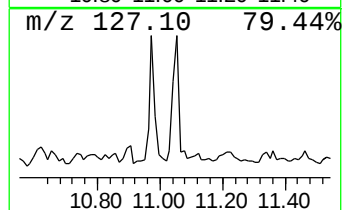
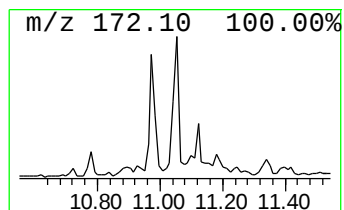
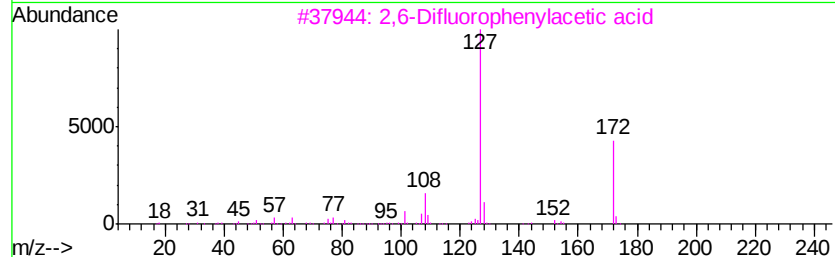
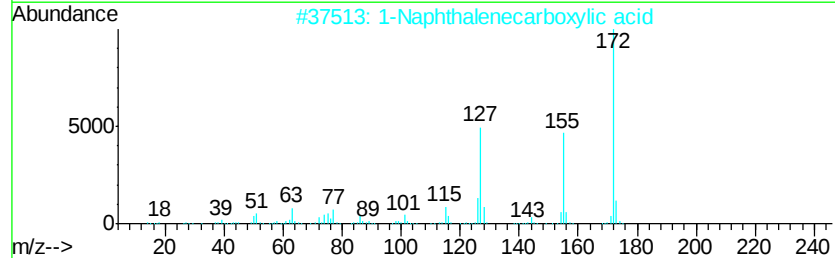
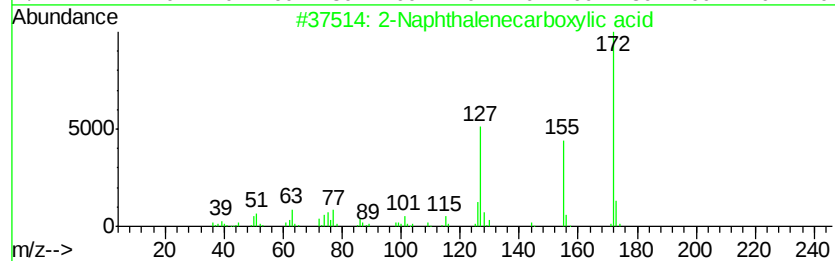
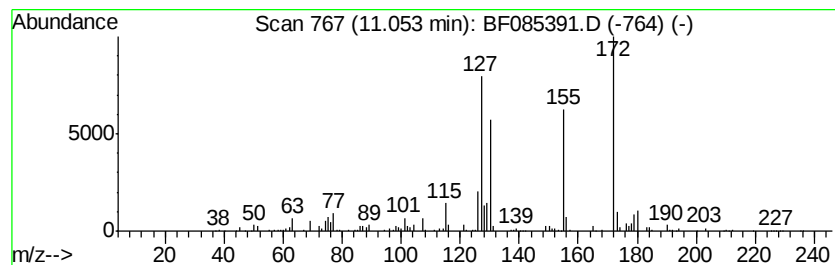
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Naphthalenecarboxylic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	14.91 ng	1697540	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	81
2			1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	81
3			2,6-Difluorophenylacetic acid	172	C8H6F2O2	085068-28-6	47
4			2-Naphthalenecarbonyl chloride	190	C11H7ClO	002243-83-6	43
5			.beta.-Naphthamide	171	C11H9NO	002243-82-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
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ClientSampleId :
MNR-BLDG 30-RW-1

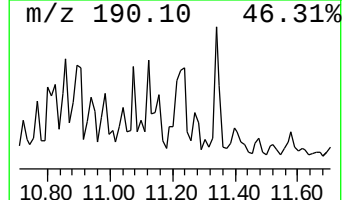
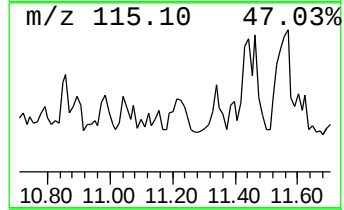
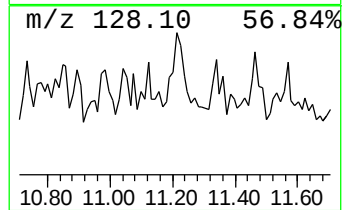
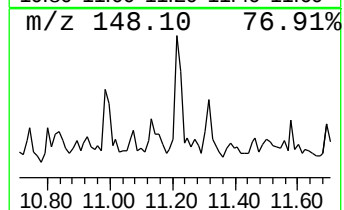
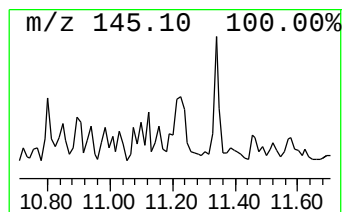
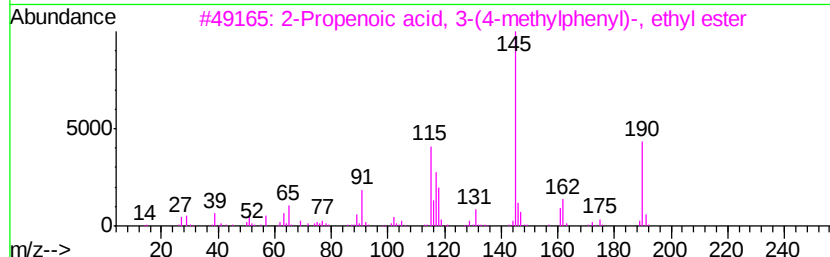
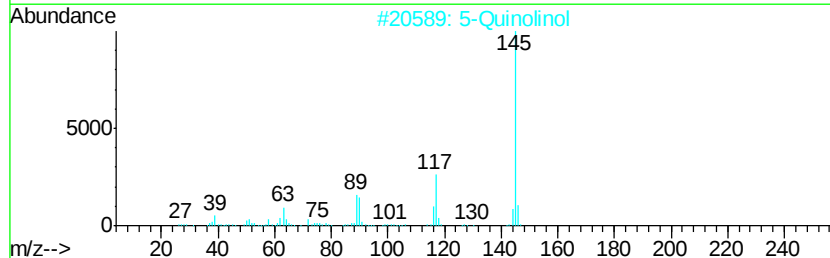
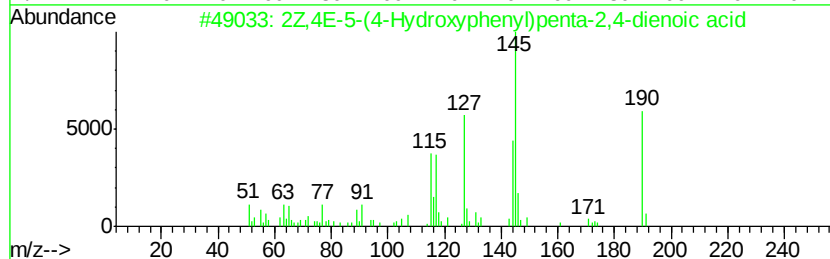
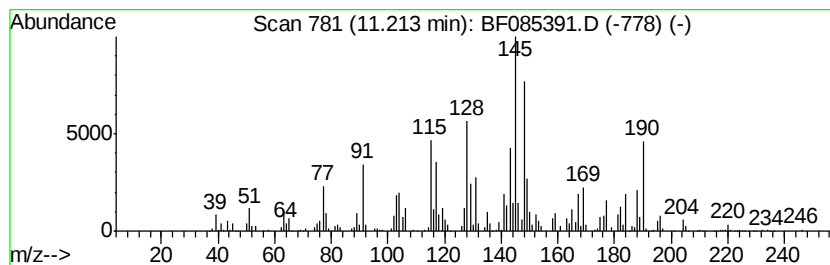
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.21 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	15.72 ng	1789630	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2Z,4E-5-(4-Hydroxyphenyl)penta-2...	190	C11H10O3	1000137-43-2	25
2		5-Quinolinol	145	C9H7NO	000578-67-6	25
3		2-Propenoic acid, 3-(4-methylphe...	190	C12H14O2	020511-20-0	20
4		2-Propenoic acid, 3-(3-methylphe...	190	C12H14O2	050556-03-1	18
5		Cinnamic acid, .beta.-methyl-, e...	190	C12H14O2	000945-93-7	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
Sample : H1743-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

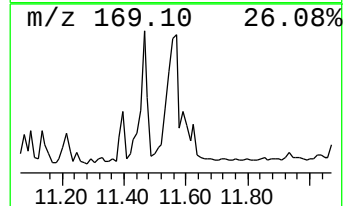
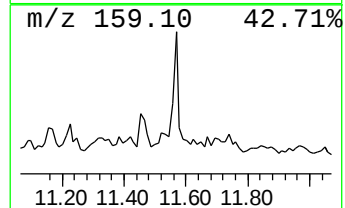
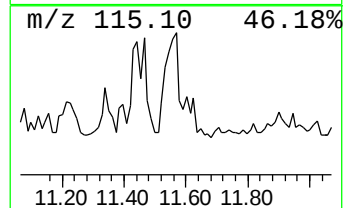
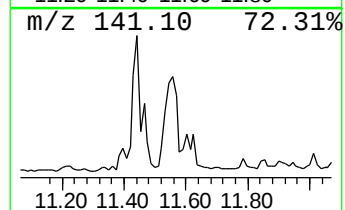
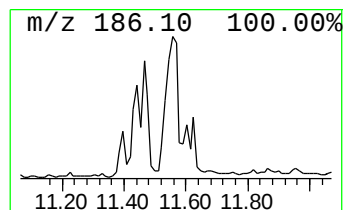
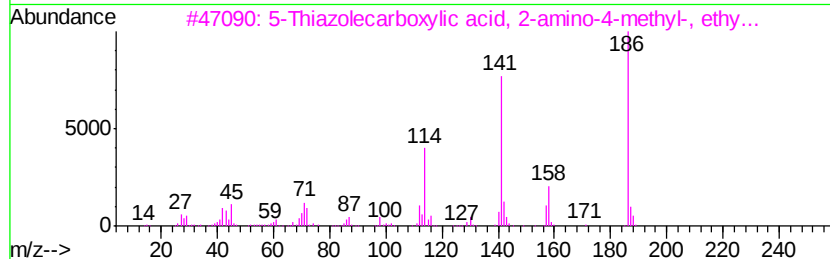
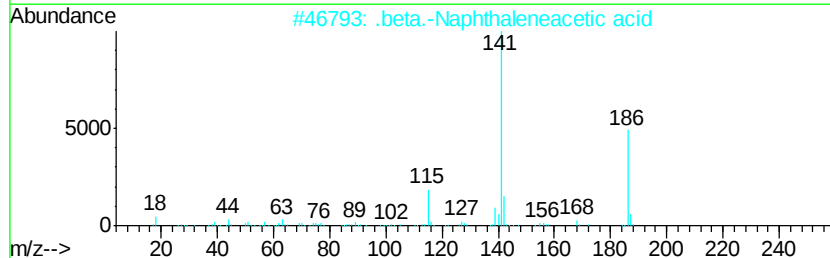
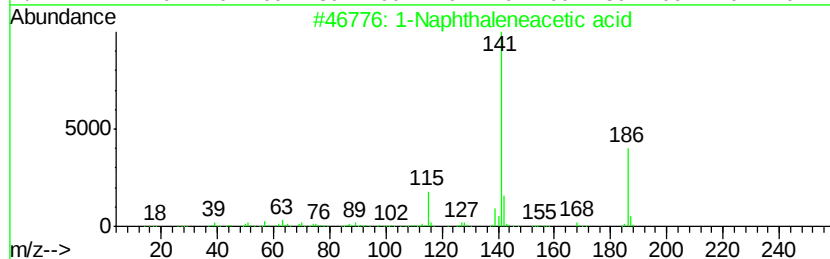
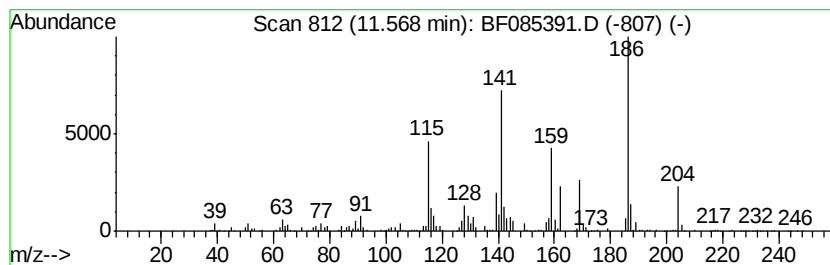
Instrument :
BNA_F
ClientSampleId :
MNR-BLDG 30-RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown11.57 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.57	23.28 ng	2650670	Phenanthrene-d10	11.48		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	43
2		.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	38
3		5-Thiazolecarboxylic acid, 2-amino-4-methyl-, ethyl-, (Z)-	186	C7H10N2O2S	007210-76-6	38
4		5-Amino-2-cyanobenzotrifluoride	186	C8H5F3N2	000654-70-6	25
5		[1,1'-Biphenyl]-3,3'-diol	186	C12H10O2	000612-76-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085391.D
Acq On : 12 Mar 2016 00:18
Operator : UM/SJ
Sample : H1743-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

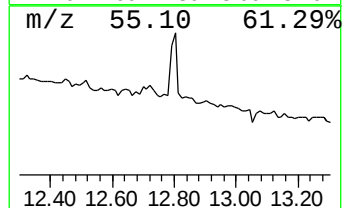
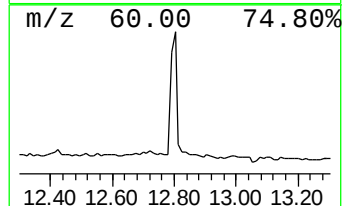
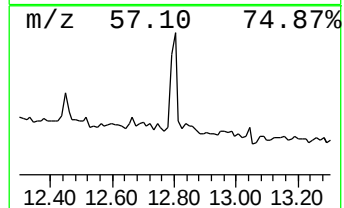
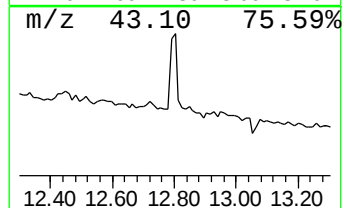
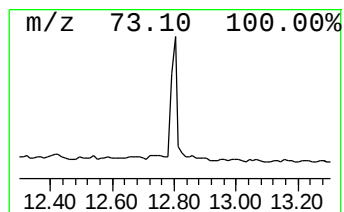
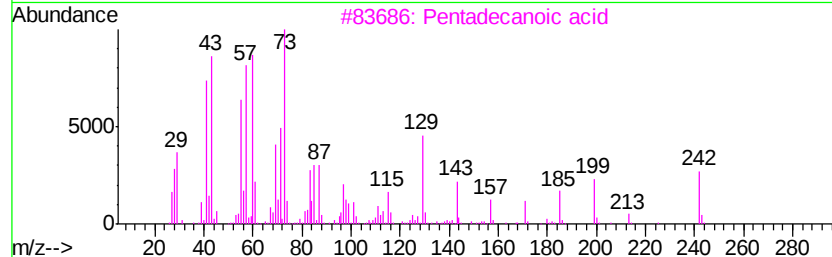
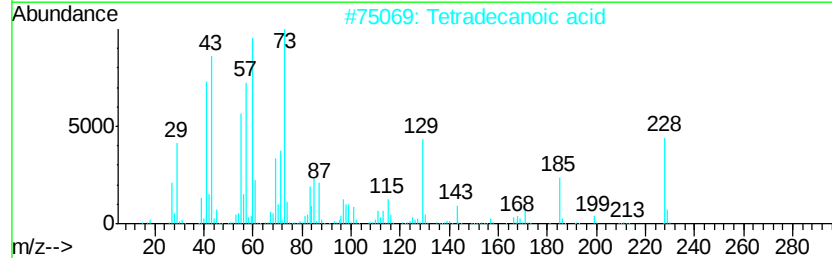
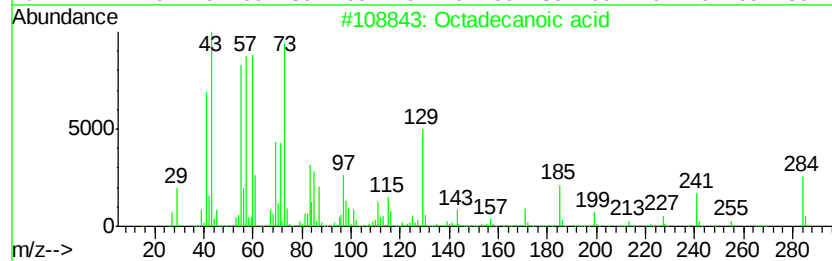
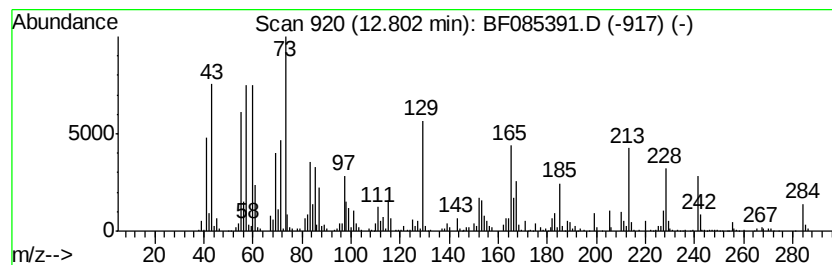
Instrument :
BNA_F
ClientSampleId :
MNR-BLDG 30-RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.80	13.20 ng	476449	Chrysene-d12	14.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	27
5	.alpha.-D-Galactopyranoside, met...	306	C15H30O6	1000157-05-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085391.D
 Acq On : 12 Mar 2016 00:18
 Operator : UM/SJ
 Sample : H1743-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MNR-BLDG 30-RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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
unknown6.70	6.70	58.5	ng	3132550	1	6.94	1070490	20.0
Benzene, 1,2,3-tr...	6.76	19.1	ng	1024370	1	6.94	1070490	20.0
Benzene, 1-ethyl-...	7.00	13.8	ng	738021	1	6.94	1070490	20.0
Benzene, 1,2,3,4-...	7.26	19.0	ng	1015870	1	6.94	1070490	20.0
1H-Indene, 2,3-di...	7.90	16.3	ng	1989860	2	8.22	2449610	20.0
Benzene, 1,2,4,5-...	7.97	28.6	ng	3497940	2	8.22	2449610	20.0
Benzene, 2-etheny...	8.69	19.9	ng	2438470	2	8.22	2449610	20.0
Naphthalene, 1,2,...	8.73	15.2	ng	1860180	2	8.22	2449610	20.0
Naphthalene, 1-me...	9.04	45.4	ng	5560940	2	8.22	2449610	20.0
Naphthalene, 1-et...	9.50	23.8	ng	3240510	3	9.98	2720860	20.0
Naphthalene, 1,6-...	9.57	27.2	ng	3698730	3	9.98	2720860	20.0
Naphthalene, 1,3-...	9.65	35.5	ng	4834360	3	9.98	2720860	20.0
Naphthalene, 1,6,...	10.39	21.8	ng	2960020	3	9.98	2720860	20.0
unknown10.90	10.90	13.9	ng	1581830	4	11.48	2277400	20.0
unknown10.98	10.98	14.9	ng	1694660	4	11.48	2277400	20.0
2-Naphthalenecarb...	11.05	14.9	ng	1697540	4	11.48	2277400	20.0
unknown11.21	11.21	15.7	ng	1789630	4	11.48	2277400	20.0
unknown11.57	11.57	23.3	ng	2650670	4	11.48	2277400	20.0
Octadecanoic acid	12.80	13.2	ng	476449	5	14.12	722014	20.0