

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089292.D
 Acq On : 25 Jul 2016 22:43
 Operator : UM/SJ
 Sample : H4207-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NW-2

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-BF072016.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.713	9	11	40	rVB	556159	1502966	16.73%	0.739%
2	3.976	204	209	214	rBV2	48802	96922	1.08%	0.048%
3	4.490	252	254	256	rBV	131800	151261	1.68%	0.074%
4	4.581	260	262	265	rVB	161254	204119	2.27%	0.100%
5	4.650	265	268	270	rBV	303666	389822	4.34%	0.192%
6	4.879	286	288	290	rBV2	223183	313432	3.49%	0.154%
7	5.073	303	305	306	rBV	64853	91673	1.02%	0.045%
8	5.096	306	307	309	rVB	163127	184728	2.06%	0.091%
9	5.141	309	311	313	rBV	1062613	1134521	12.63%	0.558%
10	5.187	313	315	318	rVB2	152301	226744	2.52%	0.112%
11	5.279	321	323	325	rBV	347355	453547	5.05%	0.223%
12	5.324	325	327	329	rVB	277775	248003	2.76%	0.122%
13	5.370	329	331	335	rVB2	297481	467880	5.21%	0.230%
14	5.439	335	337	340	rBV	365837	555025	6.18%	0.273%
15	5.542	342	346	348	rBV2	521684	870608	9.69%	0.428%
16	5.599	348	351	354	rBV3	154972	449497	5.00%	0.221%
17	5.690	357	359	362	rVB2	730623	1222987	13.61%	0.602%
18	5.759	362	365	367	rBV3	412114	782030	8.70%	0.385%
19	5.804	367	369	372	rVB3	1311250	2523313	28.08%	1.241%
20	5.873	372	375	377	rBV	1042631	1735031	19.31%	0.853%
21	6.010	383	387	390	rBV4	821802	1795165	19.98%	0.883%
22	6.079	390	393	399	rBV3	1634926	4473300	49.78%	2.200%
23	6.170	399	401	403	rBV	755118	1011254	11.25%	0.497%
24	6.227	403	406	408	rBV2	1404913	2882115	32.07%	1.418%
25	6.342	411	416	419	rBV3	1710395	4765513	53.03%	2.344%
26	6.399	419	421	422	rBV	1242741	1435510	15.97%	0.706%
27	6.422	422	423	428	rVB2	1089391	1731761	19.27%	0.852%
28	6.536	428	433	435	rBV3	906130	2605795	29.00%	1.282%
29	6.616	437	440	443	rBV2	1888566	3687633	41.04%	1.814%
30	6.753	448	452	456	rVB5	1620626	5058103	56.29%	2.488%
31	6.867	456	462	464	rBV5	1276283	4602539	51.22%	2.264%
32	6.913	464	466	468	rVV	1063045	1739931	19.36%	0.856%
33	6.982	469	472	477	rVB3	1818210	4259736	47.40%	2.095%
34	7.096	477	482	483	rBV	1081473	3047594	33.91%	1.499%

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35	7.142	483	486	492	rVV4	2121168	6685033	74.39%	3.288%
36	7.256	492	496	499	rVV3	1567522	4008352	44.61%	1.972%
37	7.325	499	502	504	rVV2	962253	2426071	27.00%	1.193%
38	7.405	506	509	512	rVB	2624515	5360644	59.66%	2.637%
39	7.462	512	514	515	rBV2	293197	374842	4.17%	0.184%
40	7.519	515	519	523	rVV5	1752373	5409181	60.20%	2.661%
41	7.622	526	528	530	rVV2	1651812	3604174	40.11%	1.773%
42	7.713	533	536	539	rVB3	1625587	3085471	34.34%	1.518%
43	7.885	545	551	553	rBV4	1929572	6560852	73.01%	3.227%
44	7.930	553	555	557	rVV3	1255061	2359087	26.25%	1.160%
45	7.987	557	560	562	rVB	2115246	3295651	36.68%	1.621%
46	8.079	565	568	569	rBV3	1043909	1908468	21.24%	0.939%
47	8.262	582	584	588	rVB4	872789	2068285	23.02%	1.017%
48	8.353	588	592	594	rBV2	2510818	5541756	61.67%	2.726%
49	8.445	598	600	604	rBV5	784466	1558531	17.34%	0.767%
50	8.605	611	614	616	rVB4	2028670	3702047	41.20%	1.821%
51	8.708	616	623	628	rBV7	2355458	8986067	100.00%	4.420%
52	8.936	639	643	646	rVB3	2142018	5213583	58.02%	2.564%
53	9.062	652	654	655	rBV	1141515	1649296	18.35%	0.811%
54	9.233	667	669	672	rBV	1427750	2961643	32.96%	1.457%
55	9.325	673	677	678	rVV	2410809	6190361	68.89%	3.045%
56	9.393	681	683	685	rVV	2053885	4096286	45.58%	2.015%
57	9.439	685	687	691	rVV4	1687382	3303916	36.77%	1.625%
58	9.508	691	693	696	rVB3	873181	1822158	20.28%	0.896%
59	9.633	702	704	706	rBV3	1283107	2162360	24.06%	1.064%
60	9.759	712	715	717	rVB	1289891	2308002	25.68%	1.135%
61	9.862	720	724	725	rVV3	1780754	3692219	41.09%	1.816%
62	9.896	725	727	731	rVB3	1598133	3718723	41.38%	1.829%
63	9.965	731	733	735	rBV	1508683	2657723	29.58%	1.307%
64	9.999	735	736	738	rVV2	1342527	1190016	13.24%	0.585%
65	10.056	739	741	744	rVB3	1142042	2433137	27.08%	1.197%
66	10.182	750	752	753	rBV2	1094886	995786	11.08%	0.490%
67	10.216	753	755	756	rVV2	828337	1201352	13.37%	0.591%
68	10.251	756	758	759	rVV	1198743	1529548	17.02%	0.752%
69	10.308	761	763	765	rVB2	1675429	2669408	29.71%	1.313%
70	10.411	771	772	775	rVB3	814332	1303378	14.50%	0.641%
71	10.468	775	777	779	rVB3	719702	1176964	13.10%	0.579%

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72	10.582	783	787	788	rBV2	2061345	3310436	36.84%	1.628%
73	10.765	801	803	809	rVB4	1330699	3473699	38.66%	1.709%
74	11.028	822	826	829	rVB2	2212896	4816683	53.60%	2.369%
75	11.131	833	835	840	rVB	1189865	1929508	21.47%	0.949%
76	11.222	841	843	846	rBV4	524496	1182194	13.16%	0.581%
77	11.371	854	856	859	rVB2	957508	1413934	15.73%	0.695%
78	11.439	859	862	867	rVB3	1030451	2290771	25.49%	1.127%
79	11.519	867	869	871	rVB	628064	818646	9.11%	0.403%
80	11.611	874	877	878	rBV	878203	1528621	17.01%	0.752%
81	11.714	884	886	891	rVB2	946482	2238446	24.91%	1.101%
82	11.828	894	896	898	rVB	486551	530541	5.90%	0.261%
83	12.068	916	917	921	rVB2	595632	1166079	12.98%	0.574%
84	12.148	921	924	925	rBV	652584	835761	9.30%	0.411%
85	12.571	960	961	964	rVV	143888	166057	1.85%	0.082%
86	12.662	967	969	975	rVB	727148	1086779	12.09%	0.535%
87	13.679	1056	1058	1065	rVB	215557	285755	3.18%	0.141%
88	14.445	1123	1125	1131	rBV	84291	102884	1.14%	0.051%
89	15.017	1173	1175	1179	rBV	170807	226399	2.52%	0.111%

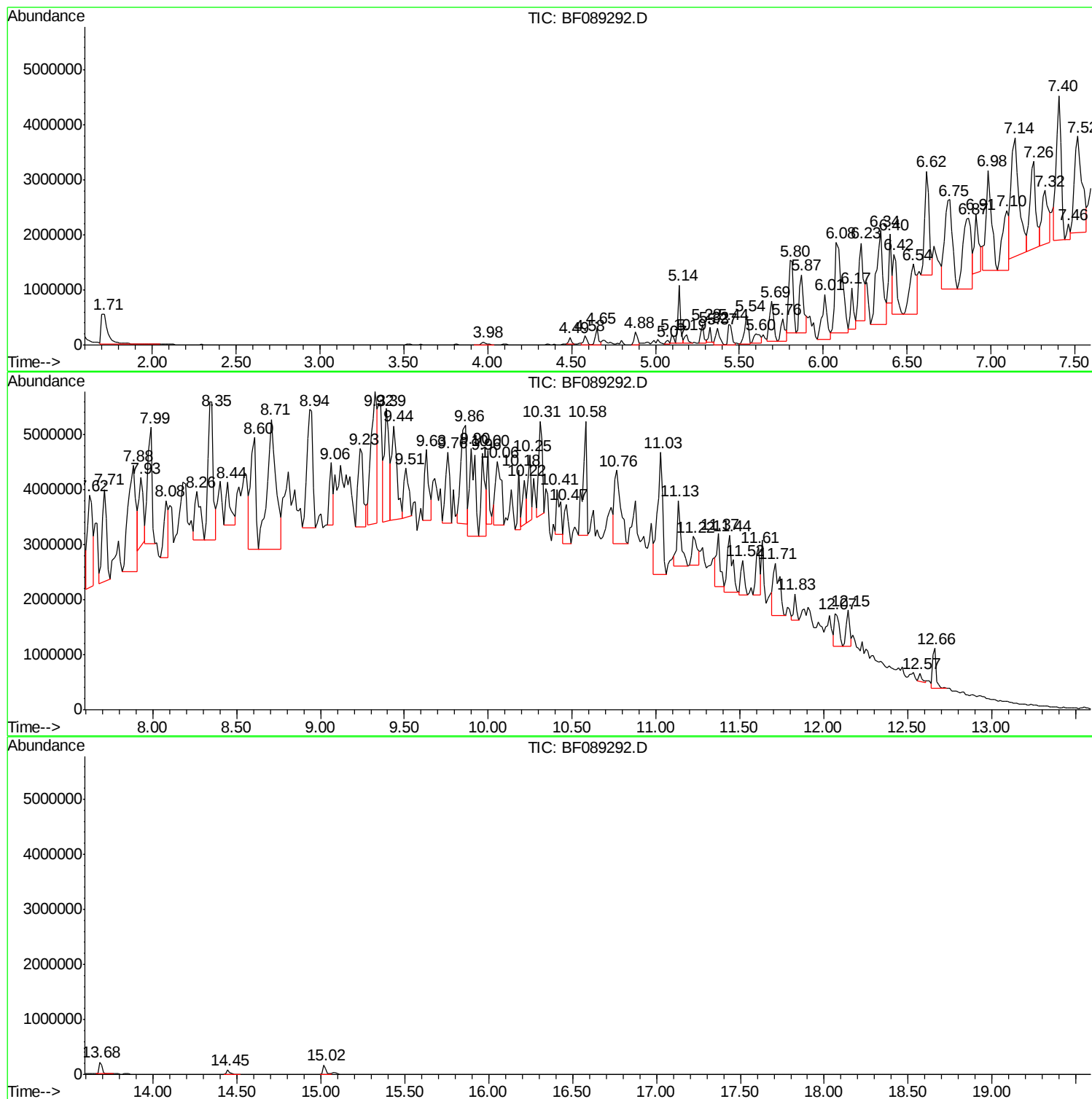
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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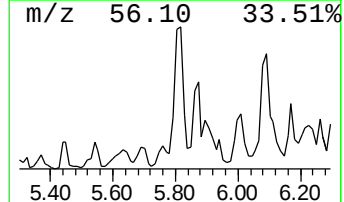
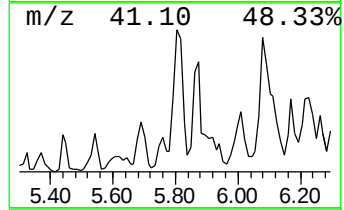
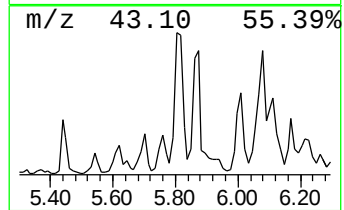
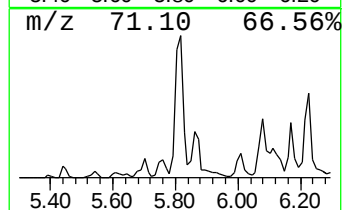
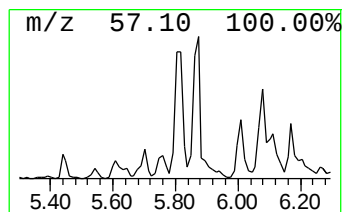
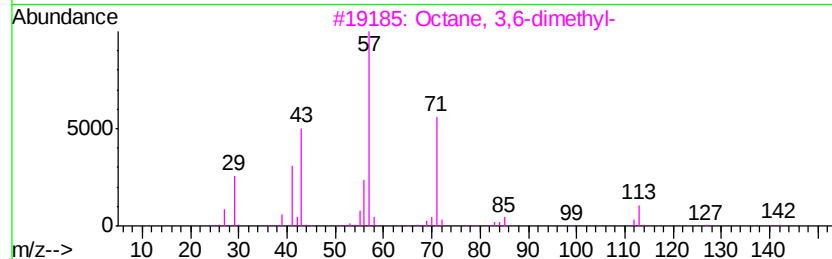
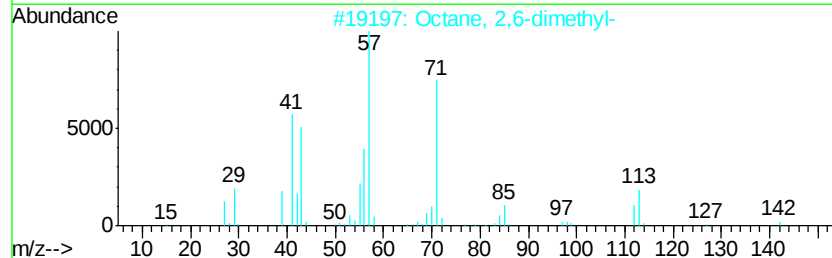
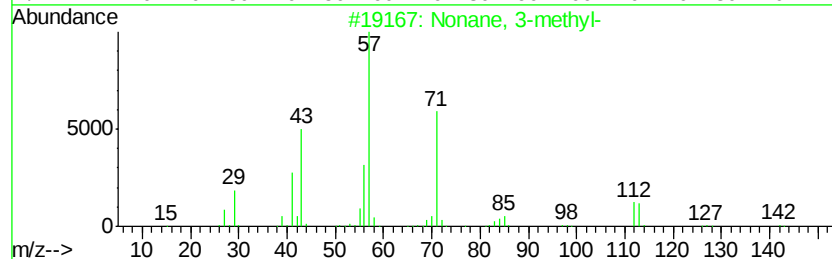
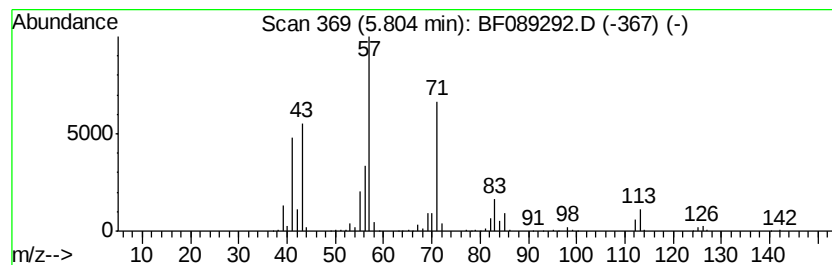
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	19.37 ng	2523310	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59



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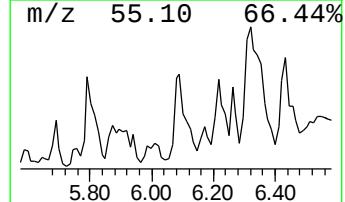
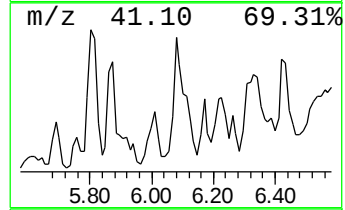
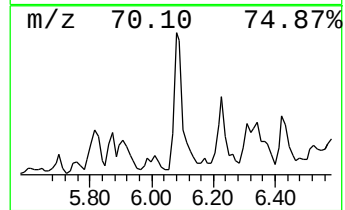
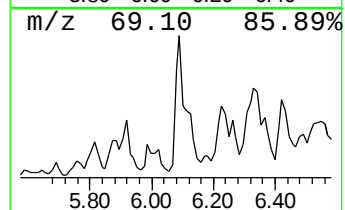
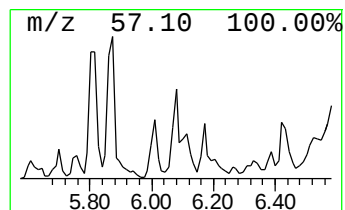
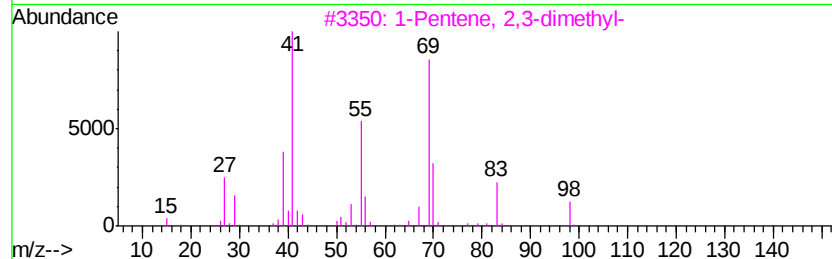
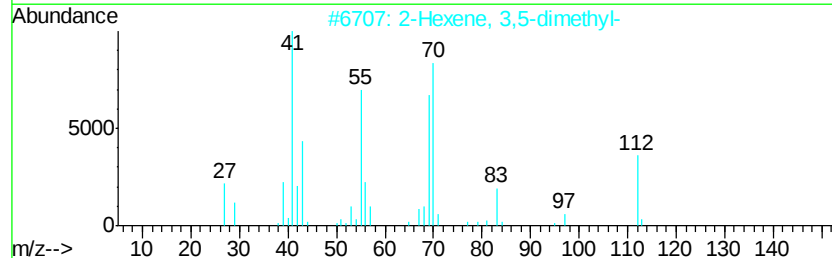
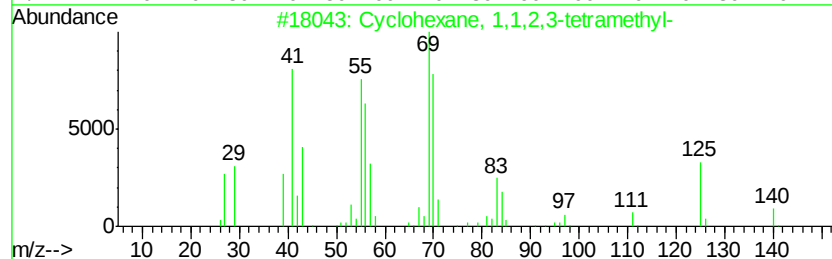
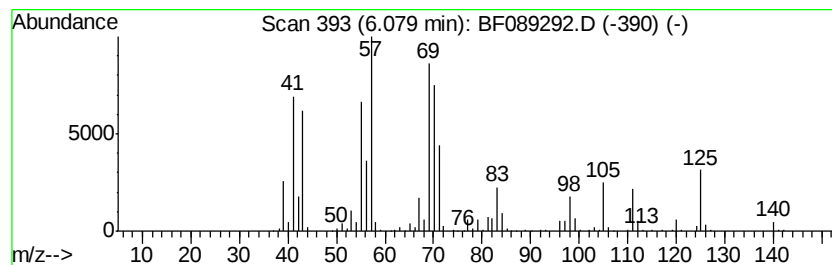
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	34.33 ng	4473300	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	52
2		2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	46
3		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	30
4		Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	25
5		5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	25



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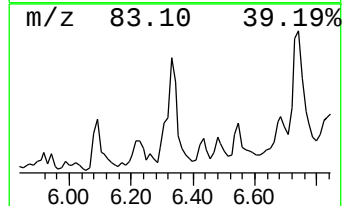
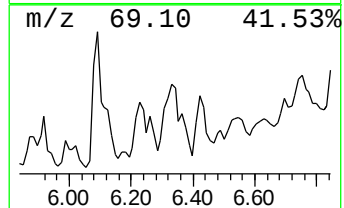
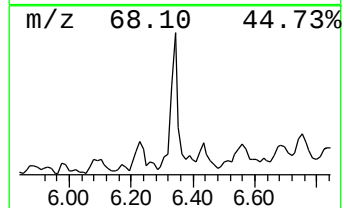
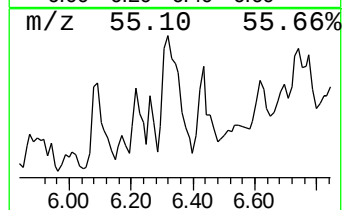
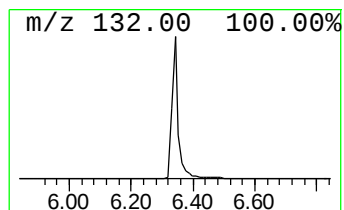
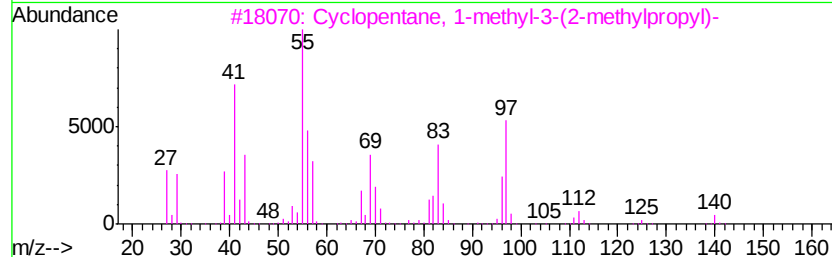
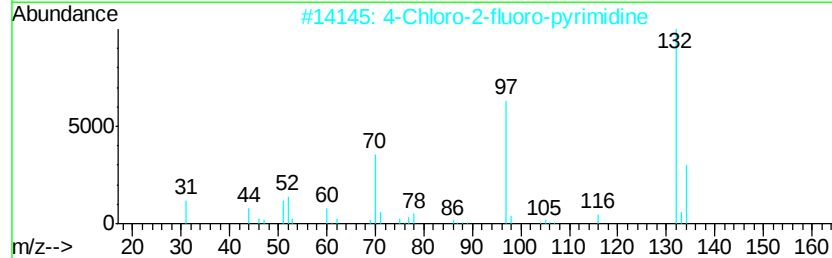
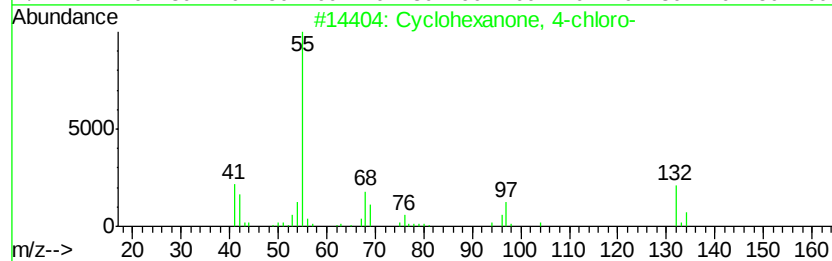
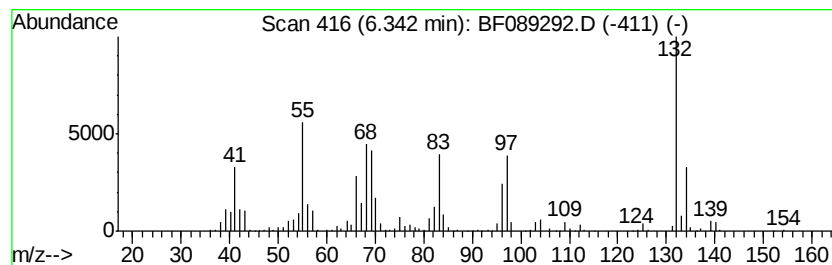
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown6.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	36.58 ng	4765510	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 4-chloro-	132	C6H9ClO	021299-26-3	46
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	27
3		Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	25
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	16
5		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	10



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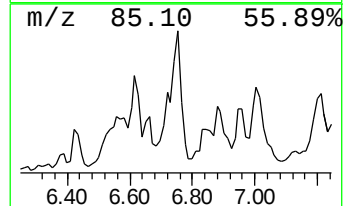
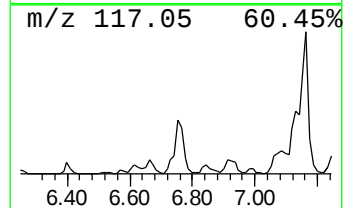
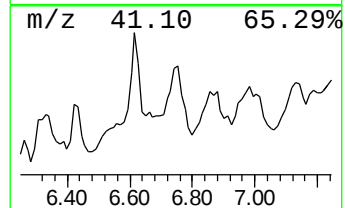
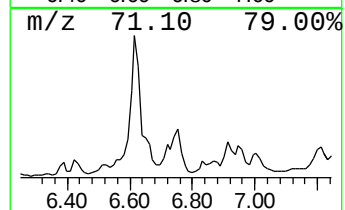
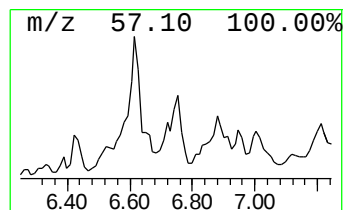
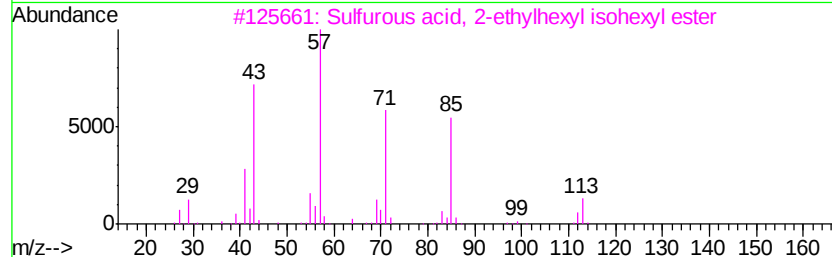
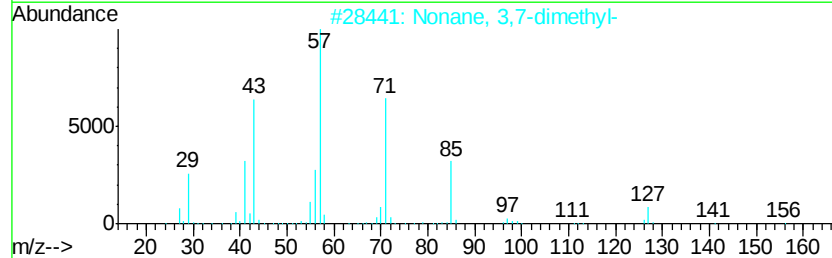
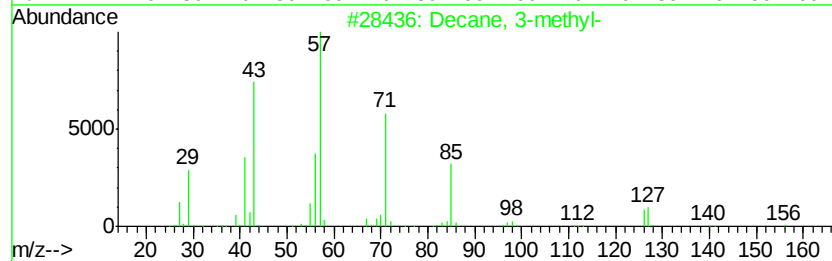
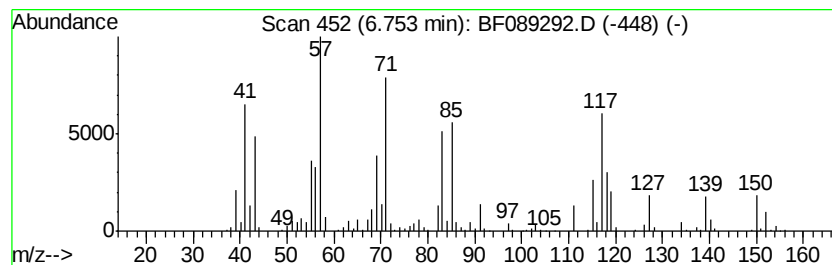
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	38.82 ng	5058100	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	46
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46
3		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	35
4		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	27
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089292.D
Acq On : 25 Jul 2016 22:43
Operator : UM/SJ
Sample : H4207-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NW-2

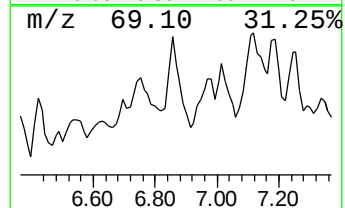
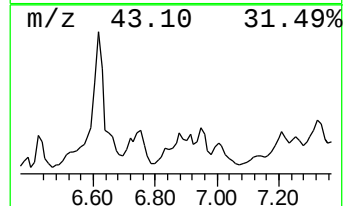
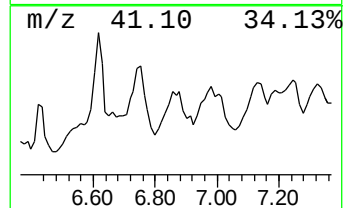
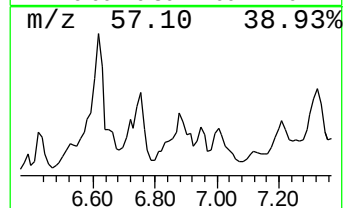
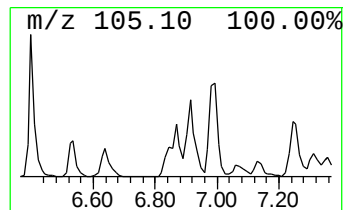
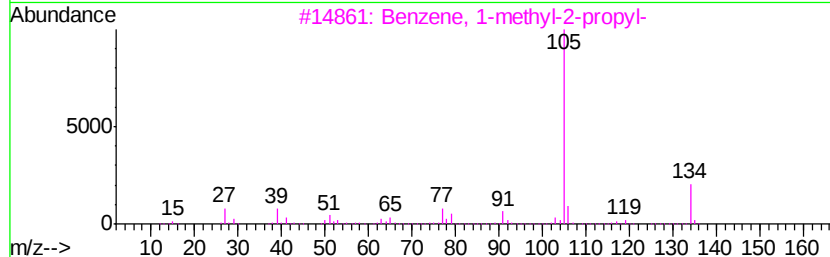
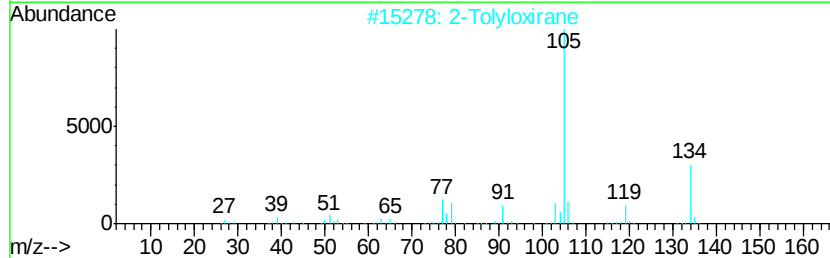
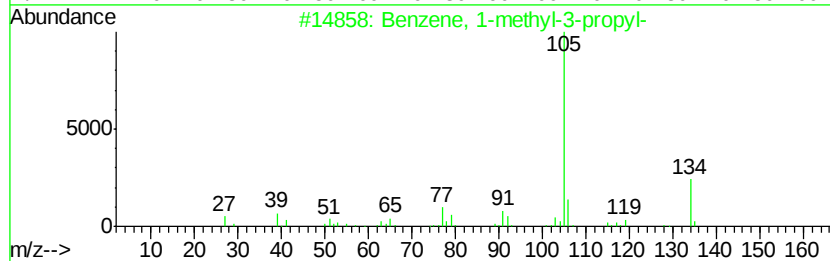
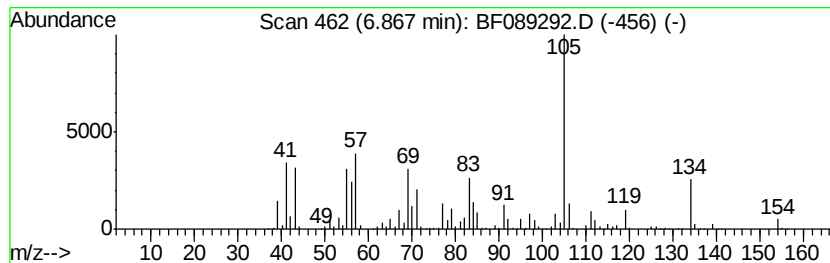
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	35.33 ng	4602540	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2		2-Tolyloxirane	134	C9H10O	002783-26-8	38
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089292.D
Acq On : 25 Jul 2016 22:43
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Sample : H4207-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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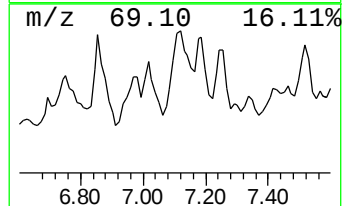
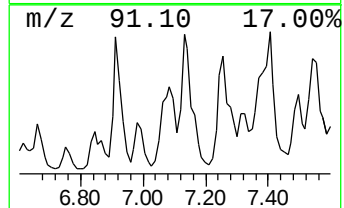
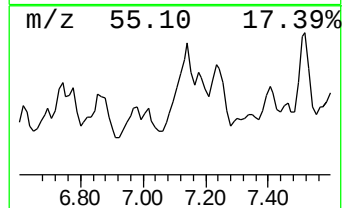
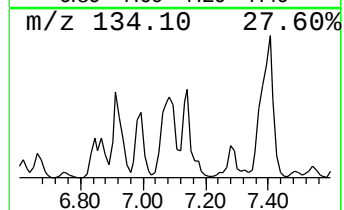
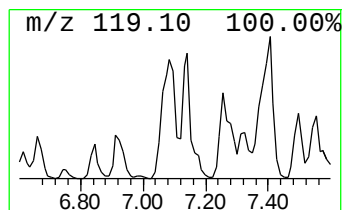
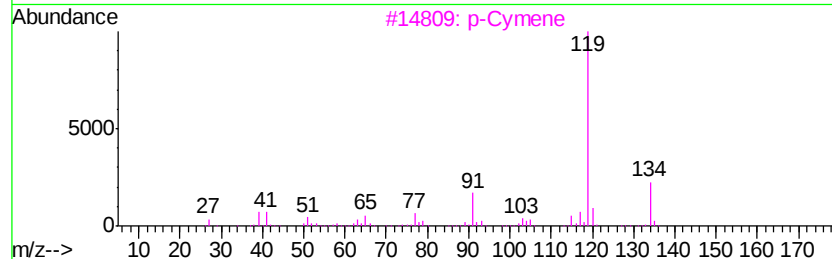
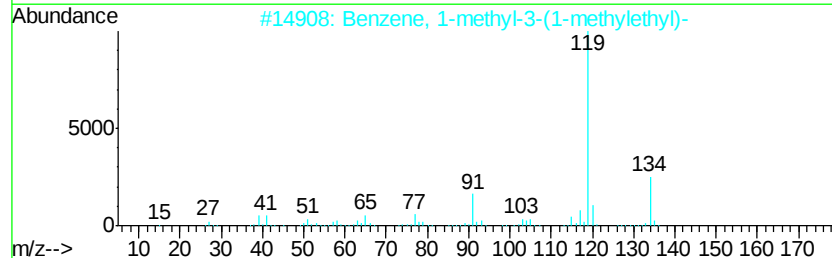
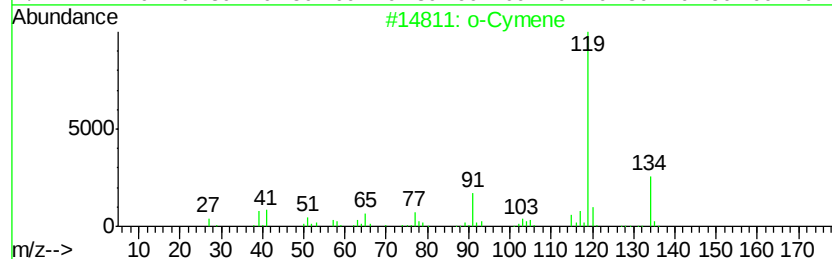
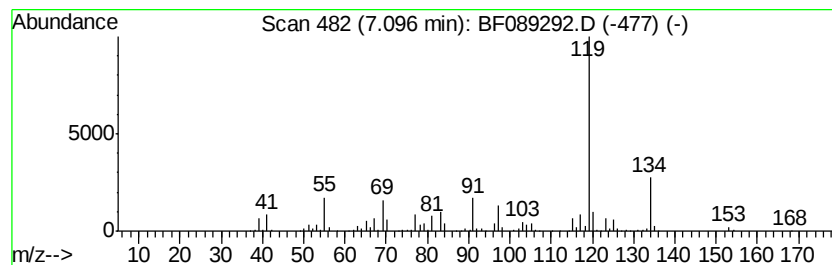
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	23.39 ng	3047590	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3		p-Cymene	134	C10H14	000099-87-6	94
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089292.D
Acq On : 25 Jul 2016 22:43
Operator : UM/SJ
Sample : H4207-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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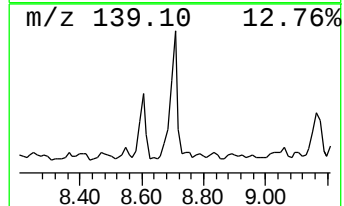
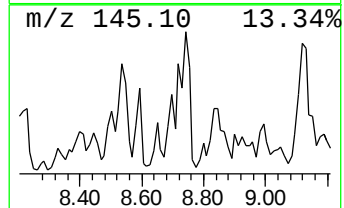
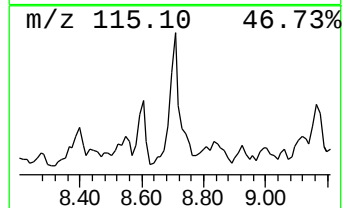
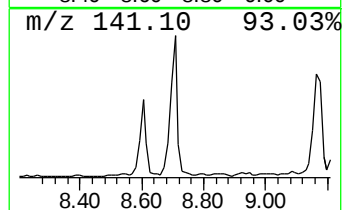
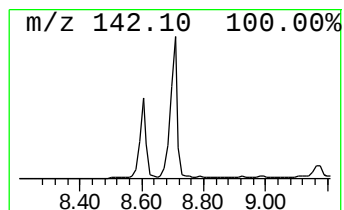
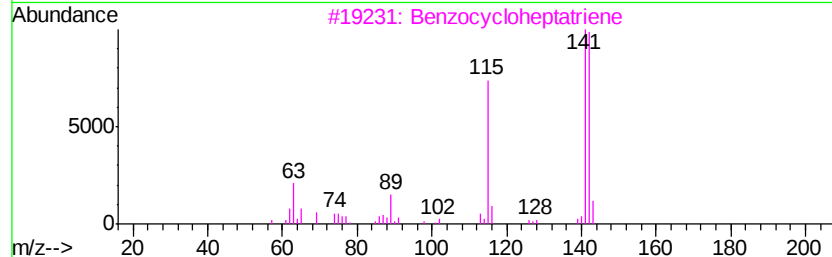
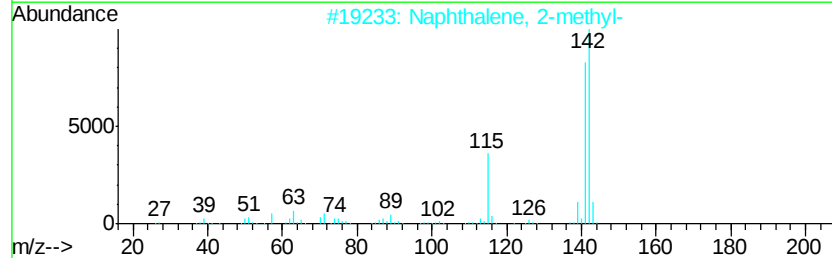
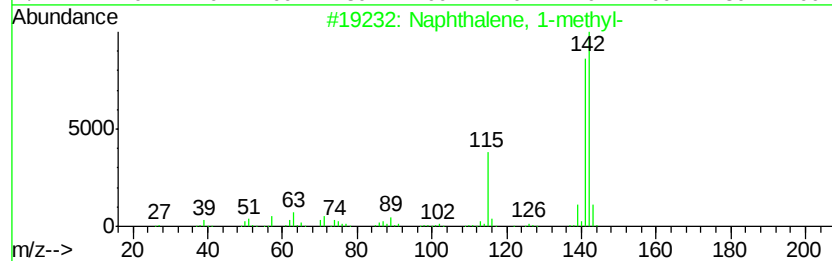
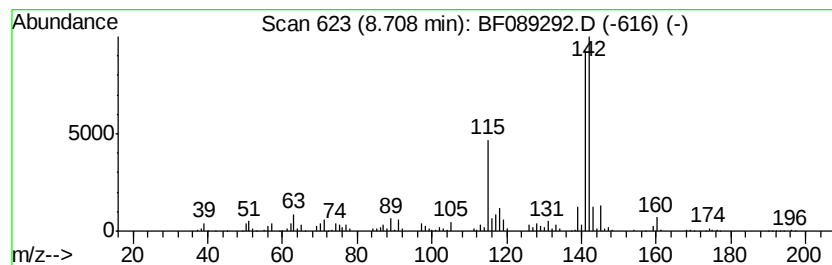
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	27.39 ng	8986070	Naphthalene-d8	7.87

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		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
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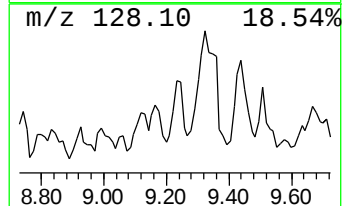
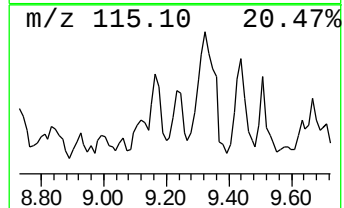
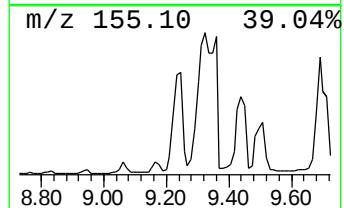
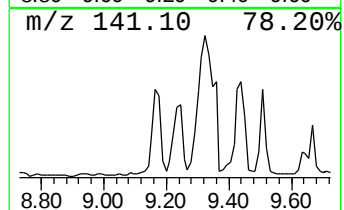
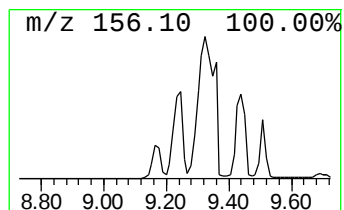
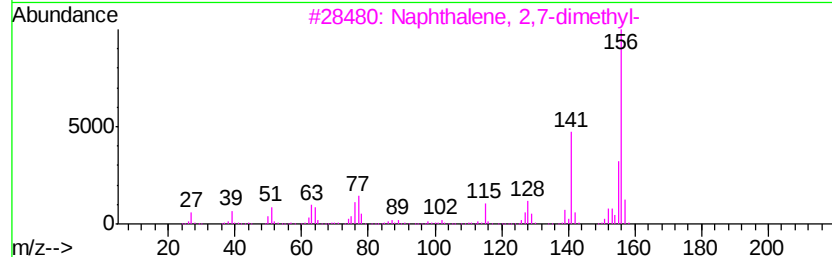
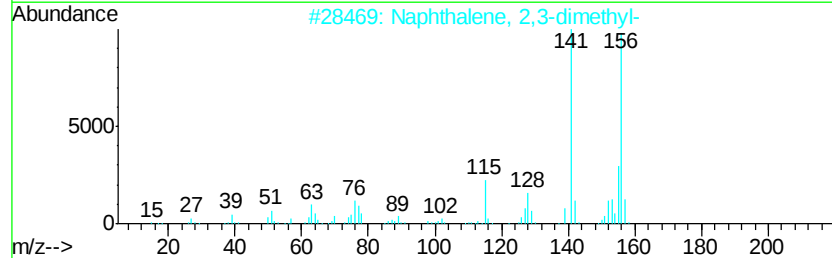
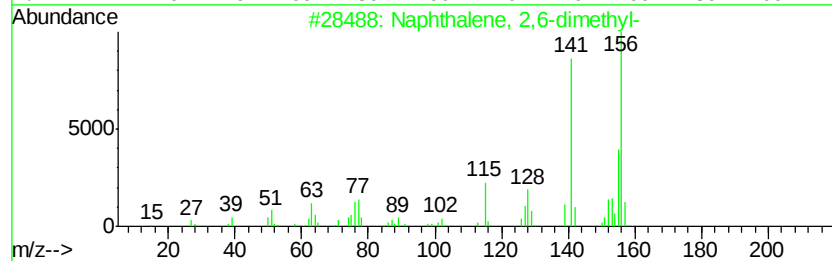
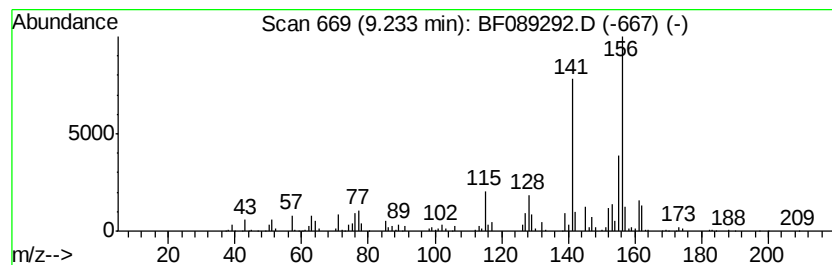
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	27.39 ng	2961640	Acenaphthene-d10	9.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089292.D
Acq On : 25 Jul 2016 22:43
Operator : UM/SJ
Sample : H4207-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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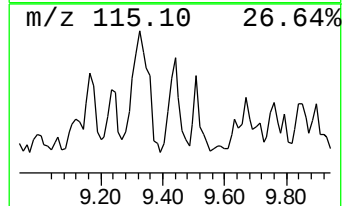
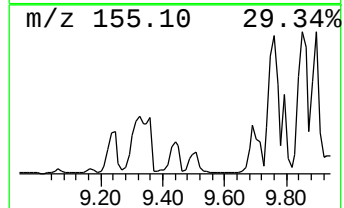
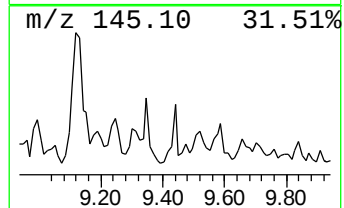
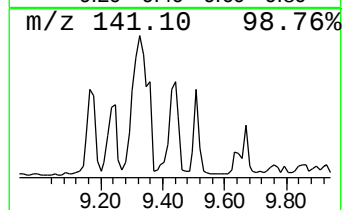
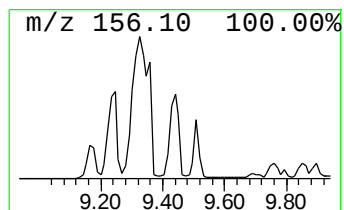
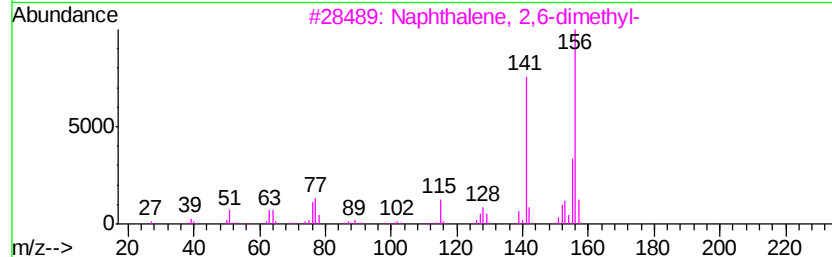
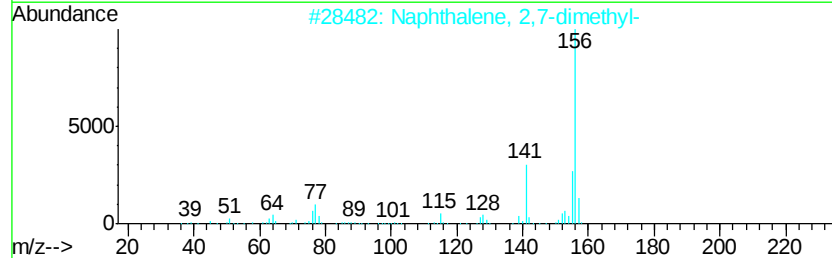
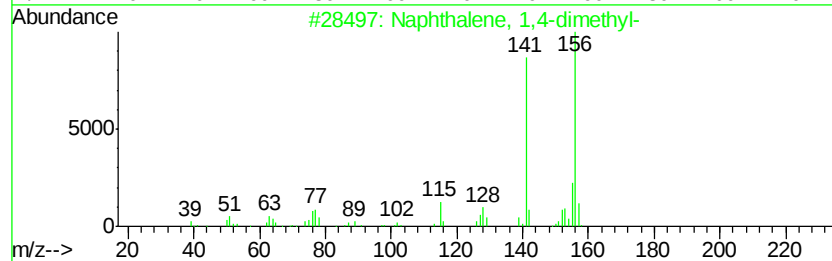
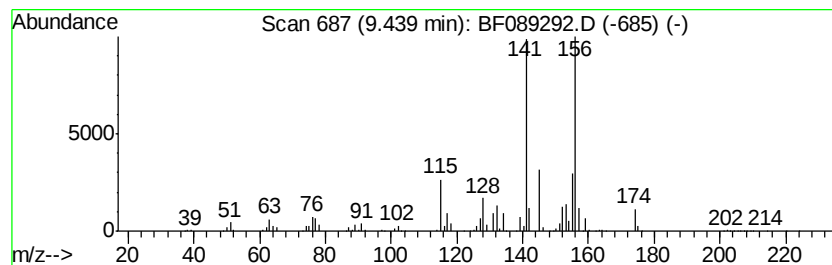
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	30.56 ng	3303920	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089292.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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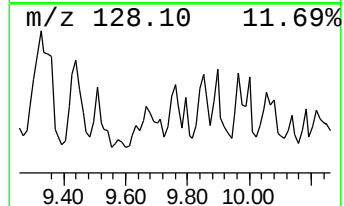
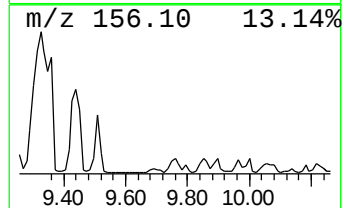
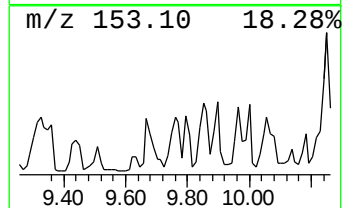
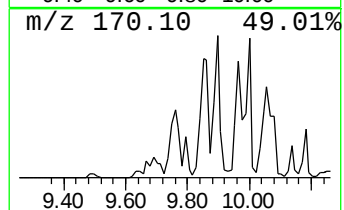
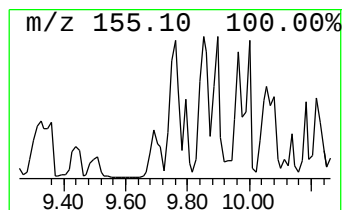
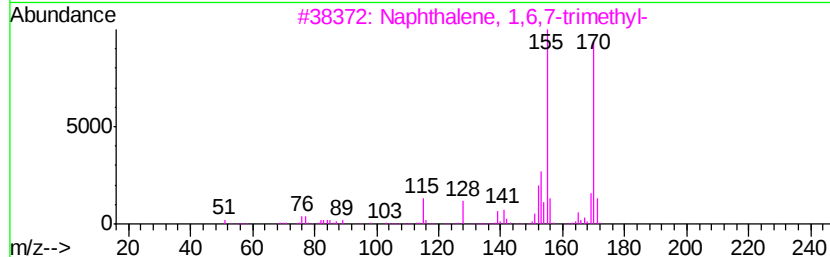
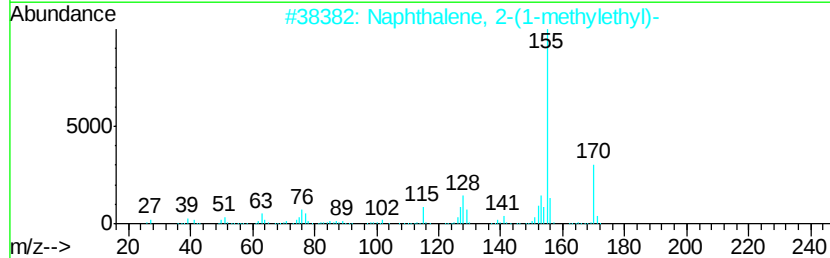
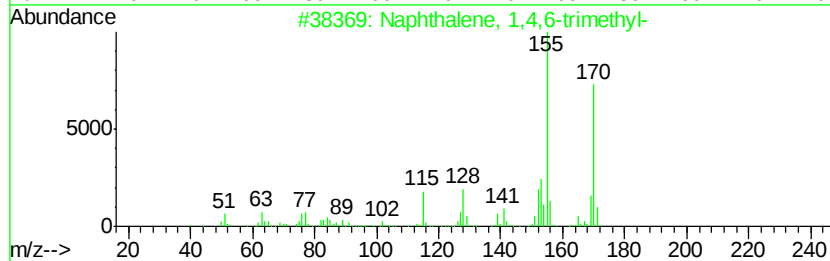
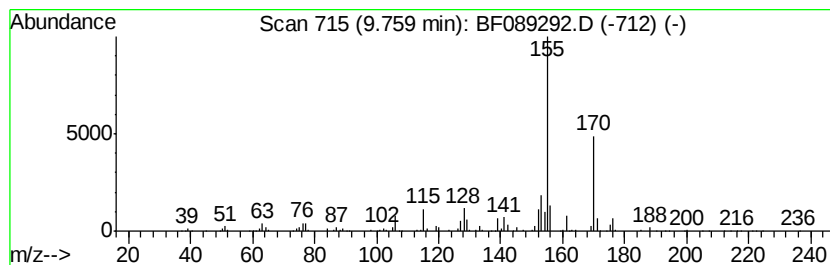
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	21.35 ng	2308000	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089292.D
Acq On : 25 Jul 2016 22:43
Operator : UM/SJ
Sample : H4207-07
Misc :
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Instrument :
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ClientSampleId :
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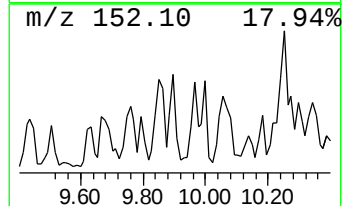
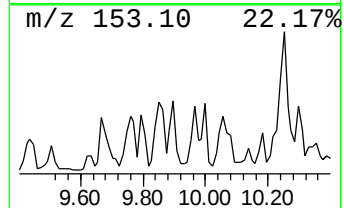
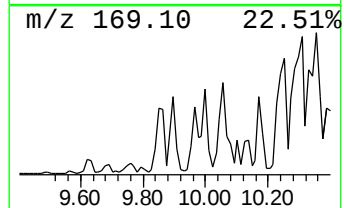
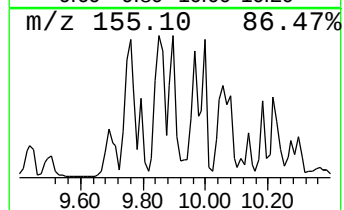
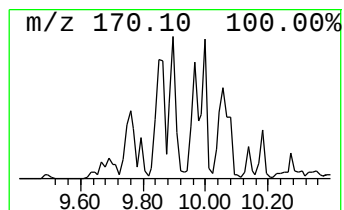
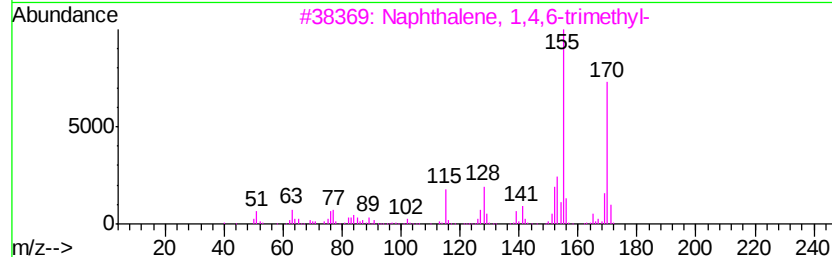
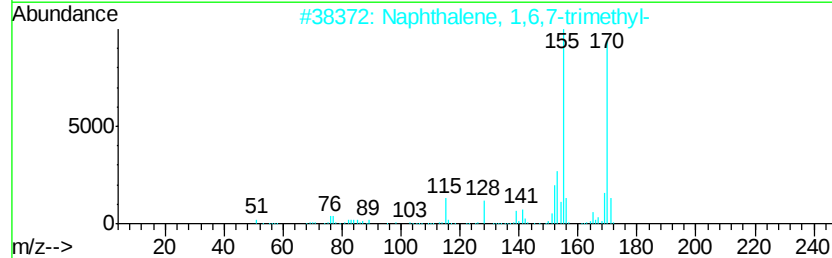
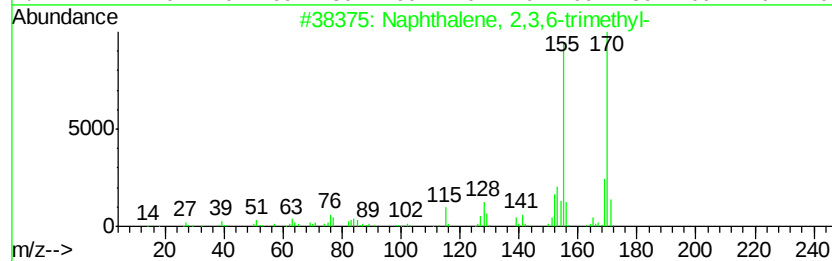
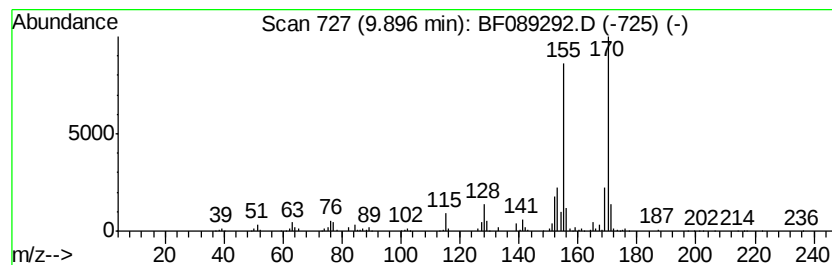
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	34.40 ng	3718720	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089292.D
Acq On : 25 Jul 2016 22:43
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Misc :
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ClientSampleId :
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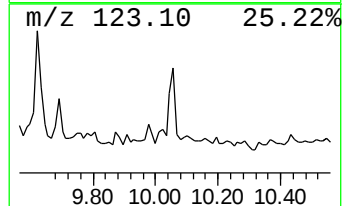
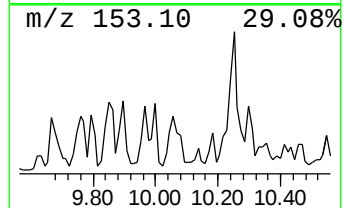
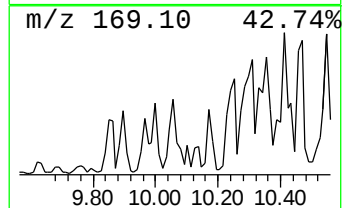
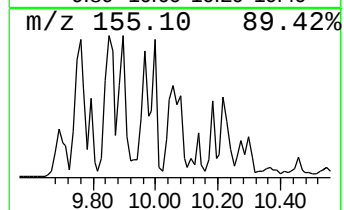
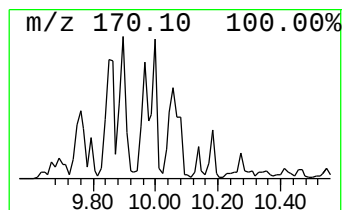
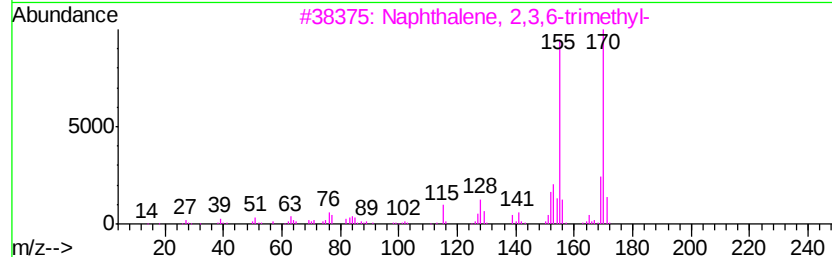
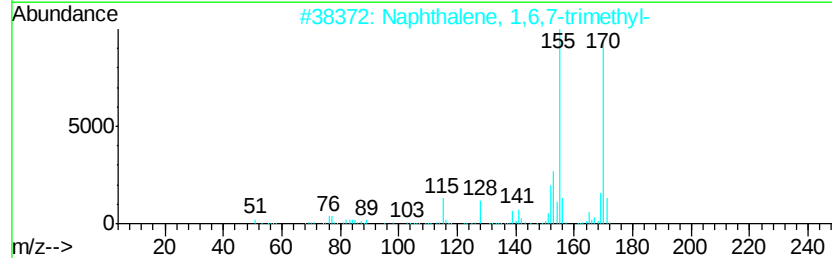
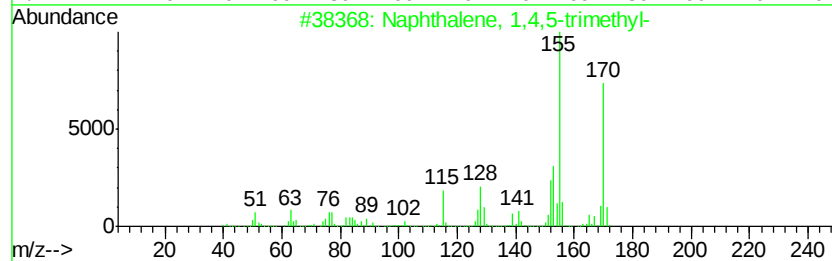
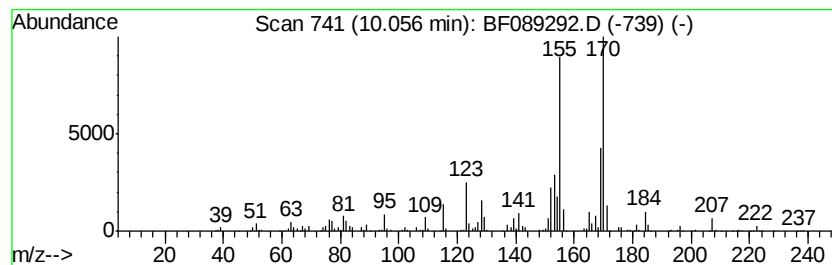
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	22.50 ng	2433140	Acenaphthene-d10	9.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089292.D
Acq On : 25 Jul 2016 22:43
Operator : UM/SJ
Sample : H4207-07
Misc :
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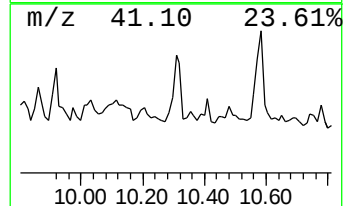
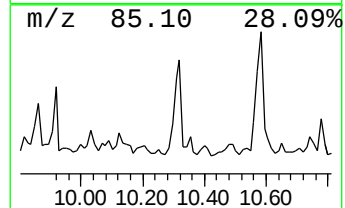
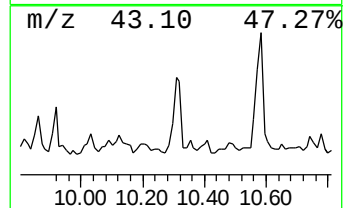
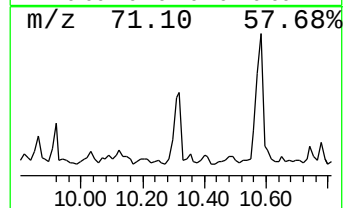
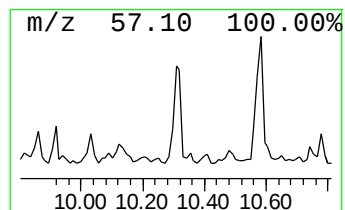
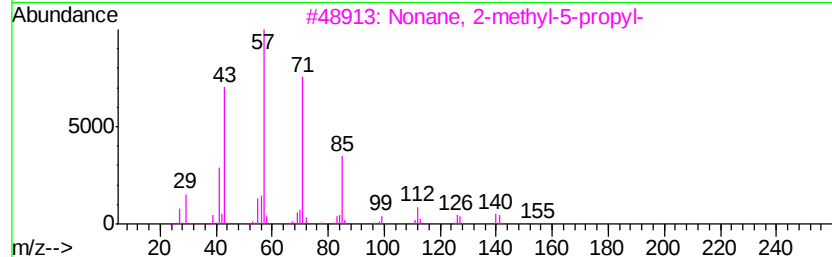
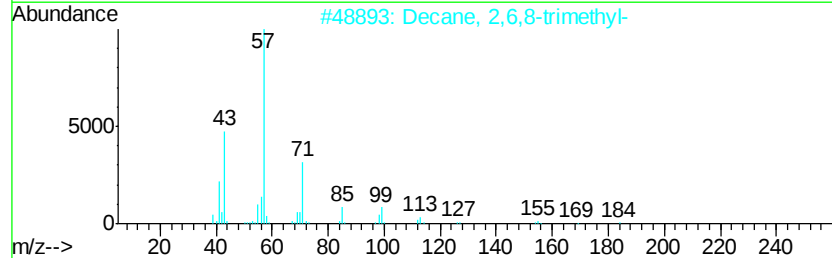
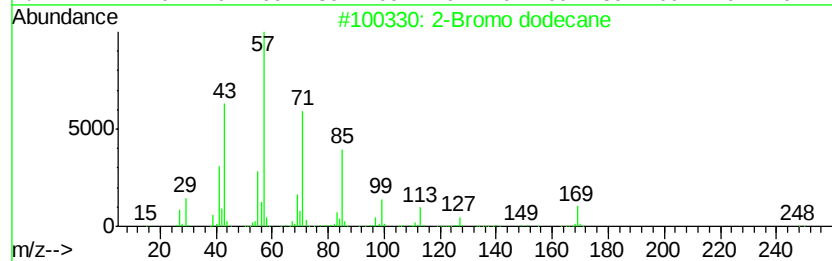
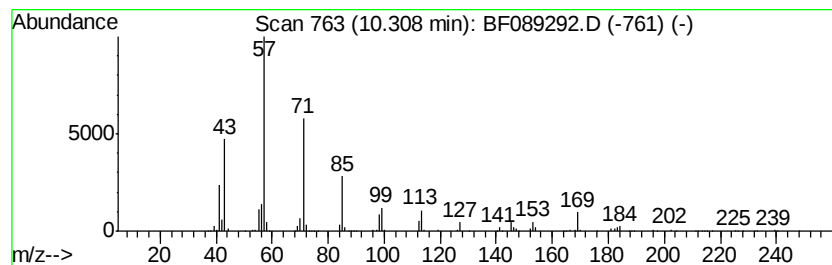
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	24.69 ng	2669410	Acenaphthene-d10	9.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0 72
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3 58
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1 53
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3 46
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2 46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089292.D
Acq On : 25 Jul 2016 22:43
Operator : UM/SJ
Sample : H4207-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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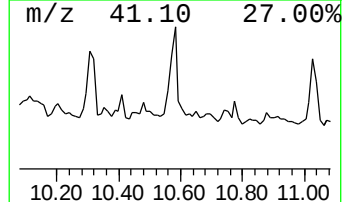
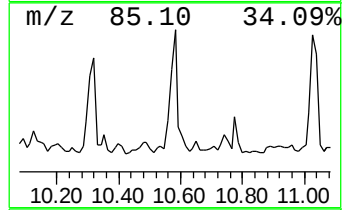
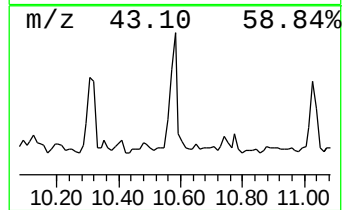
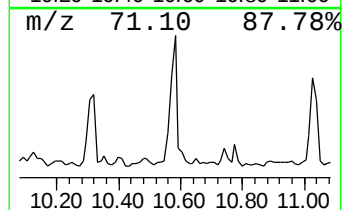
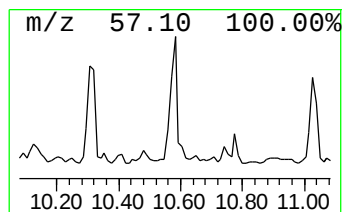
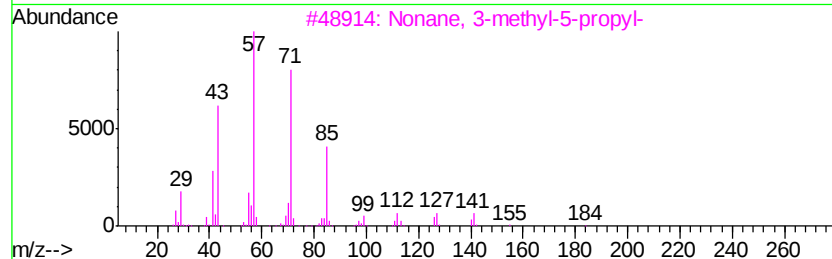
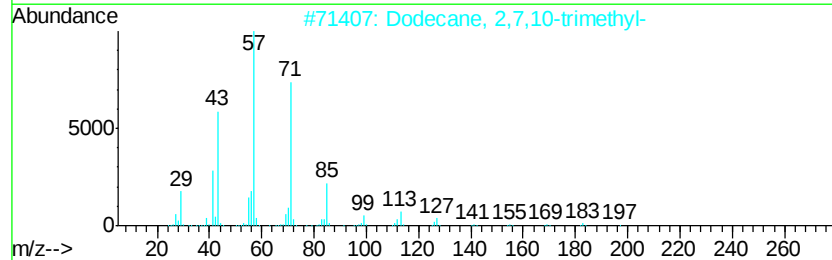
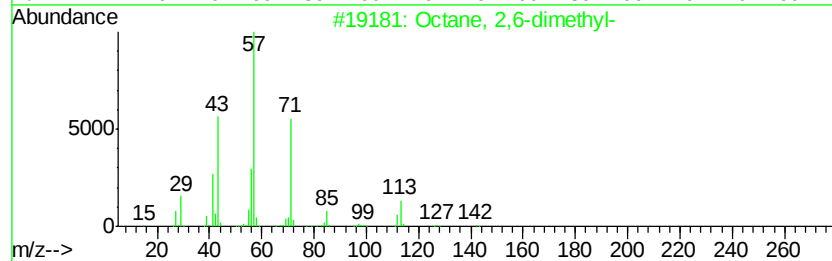
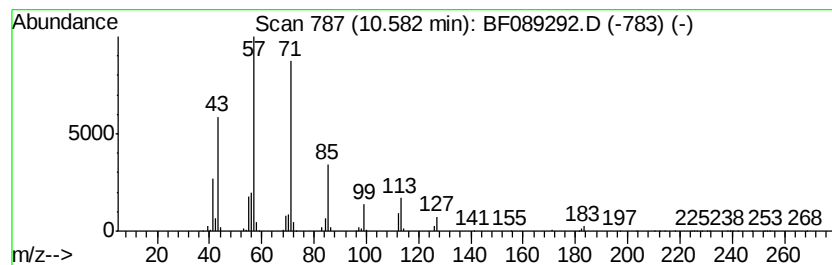
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	34.31 ng	3310440	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53
5		Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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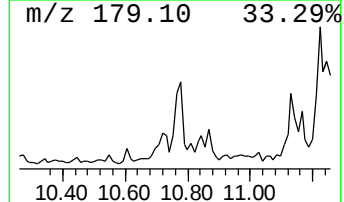
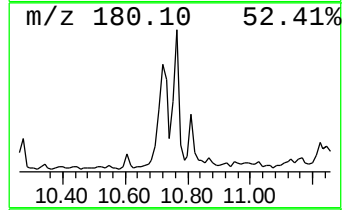
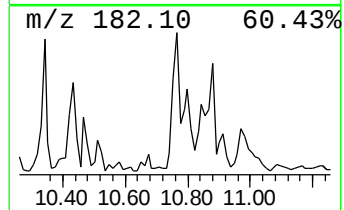
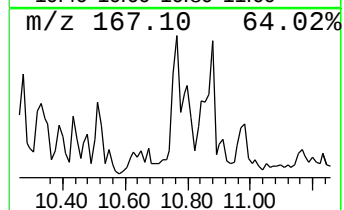
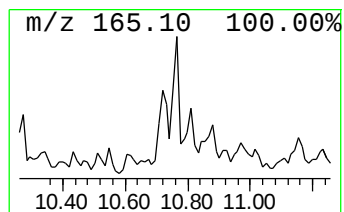
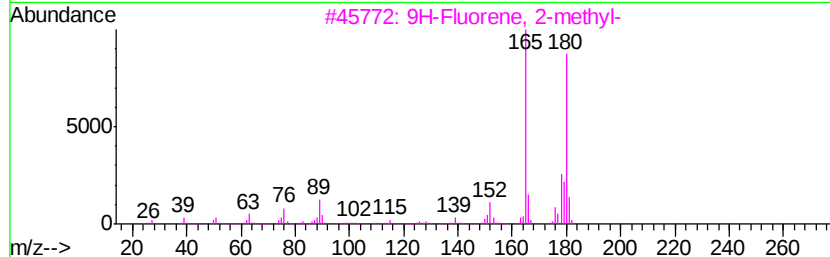
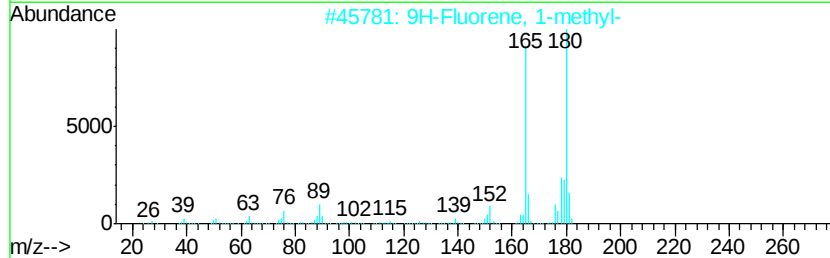
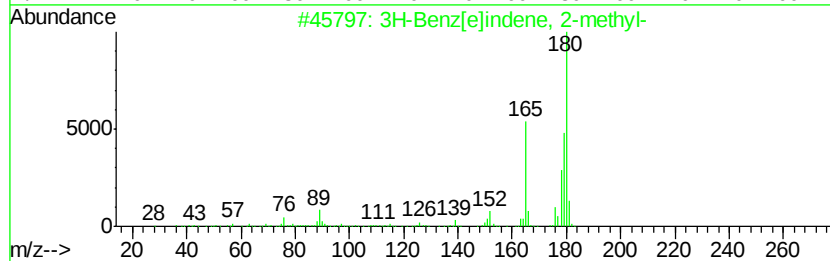
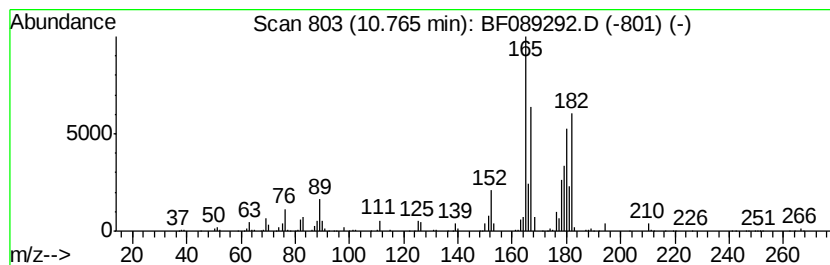
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3H-Benz[e]indene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	36.01 ng	3473700	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	70
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
5		Ethylene, 1,1-diphenyl-	180	C14H12	000530-48-3	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089292.D
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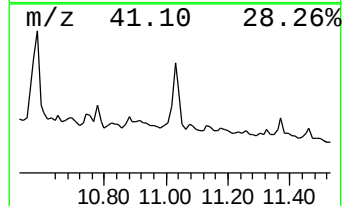
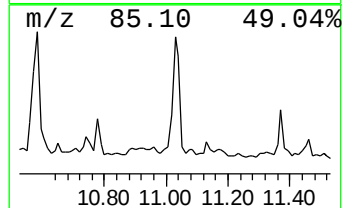
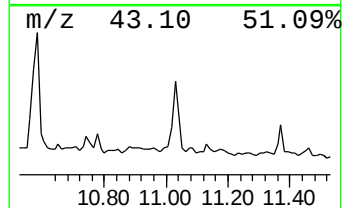
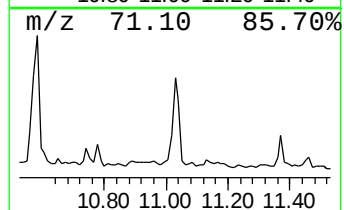
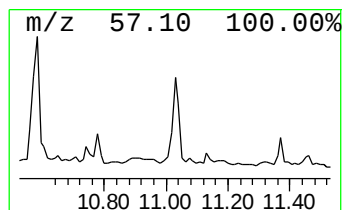
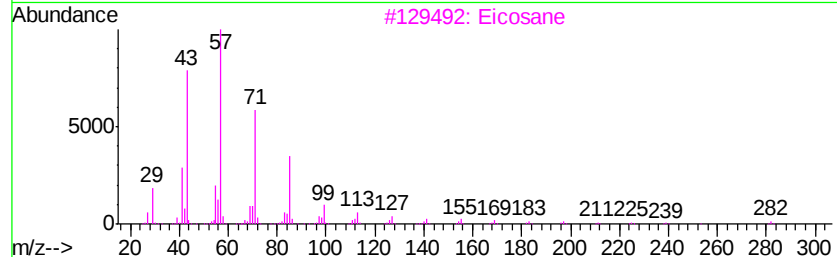
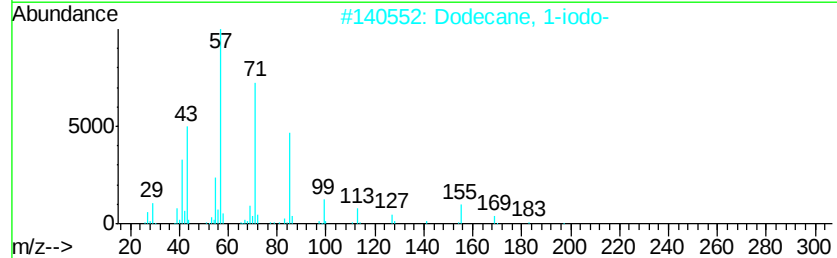
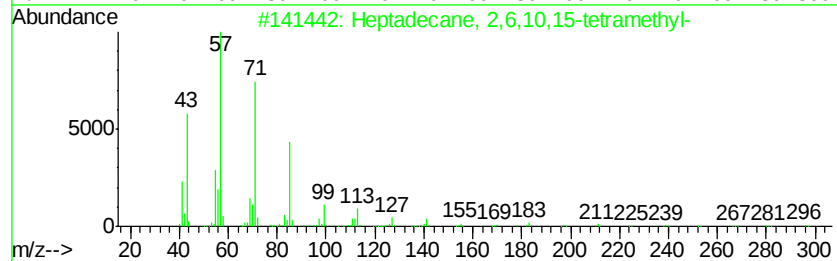
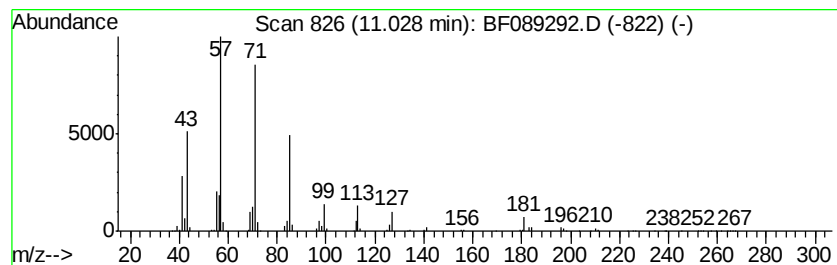
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	49.93 ng	4816680	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Eicosane	282	C20H42	000112-95-8	86
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
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ClientSampleId :
NW-2

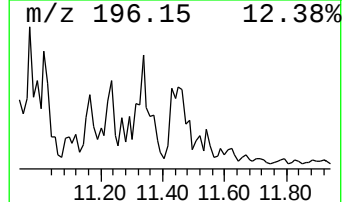
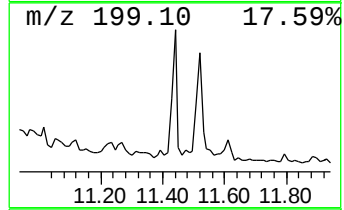
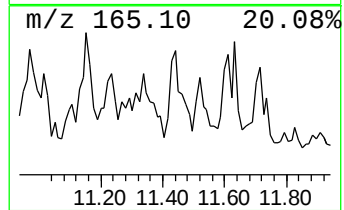
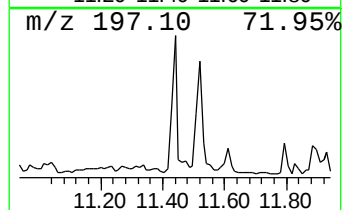
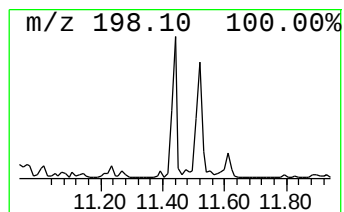
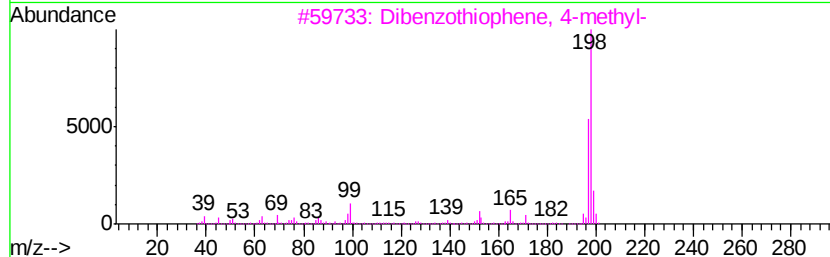
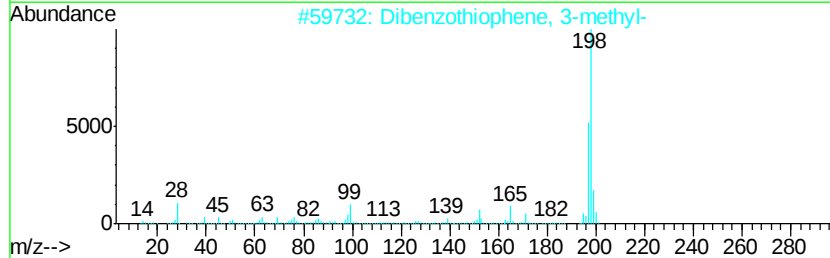
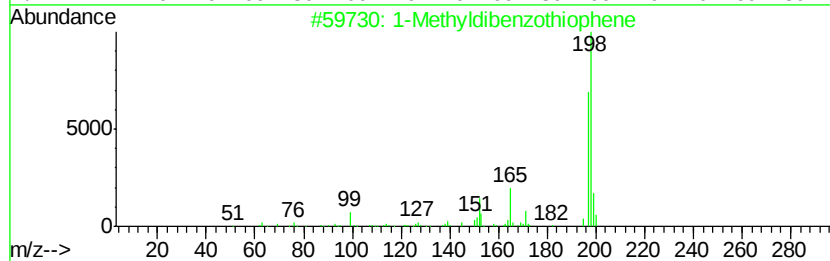
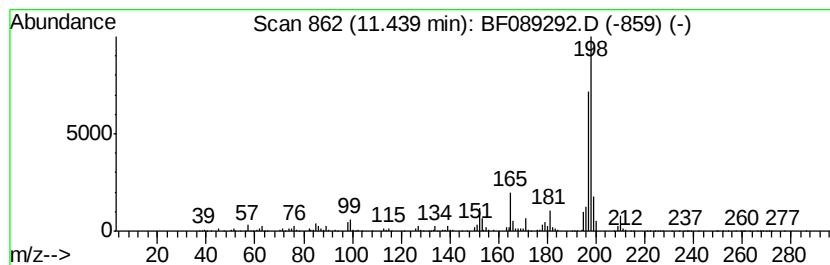
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Methyldibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	23.74 ng	2290770	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
4		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5		Thioxanthene	198	C13H10S	000261-31-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089292.D
Acq On : 25 Jul 2016 22:43
Operator : UM/SJ
Sample : H4207-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NW-2

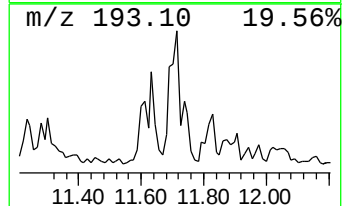
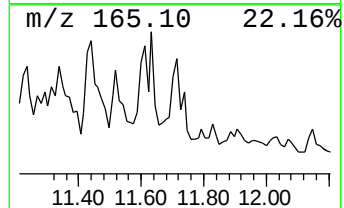
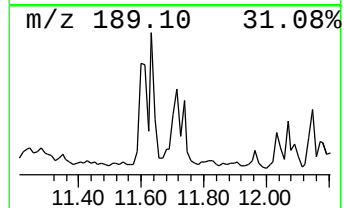
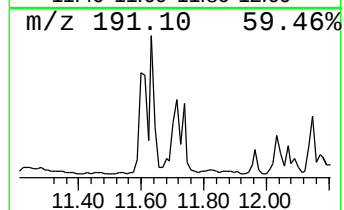
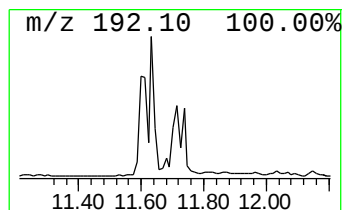
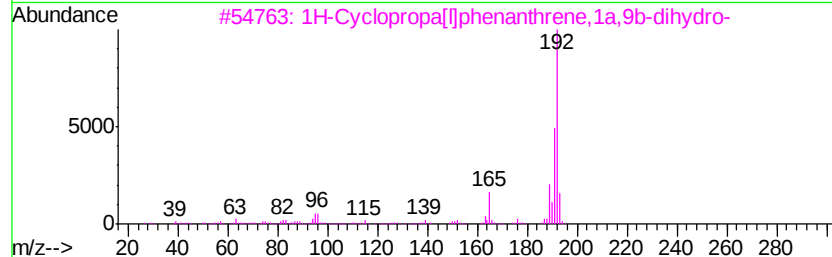
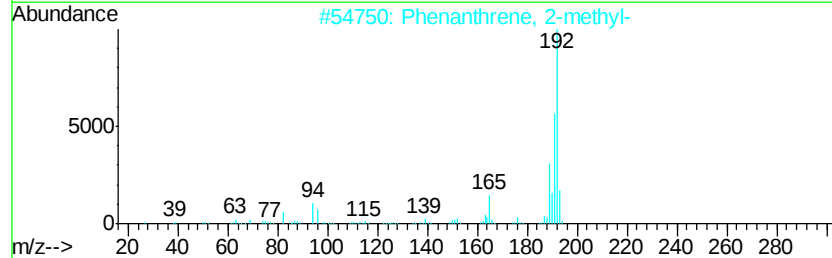
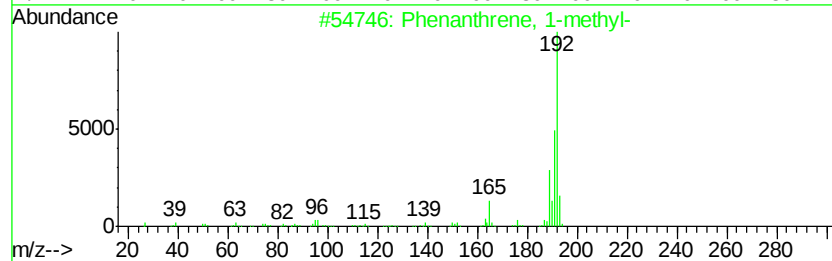
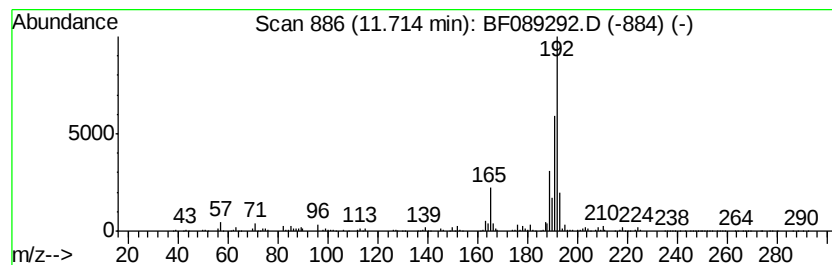
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	23.20 ng	2238450	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089292.D
 Acq On : 25 Jul 2016 22:43
 Operator : UM/SJ
 Sample : H4207-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane, 3-methyl-	5.80	19.4	ng	2523310	1	6.57	2605800	20.0
Cyclohexane, 1,1,...	6.08	34.3	ng	4473300	1	6.57	2605800	20.0
unknown6.34	6.34	36.6	ng	4765510	1	6.57	2605800	20.0
unknown6.75	6.75	38.8	ng	5058100	1	6.57	2605800	20.0
Benzene, 1-methyl...	6.87	35.3	ng	4602540	1	6.57	2605800	20.0
o-Cymene	7.10	23.4	ng	3047590	1	6.57	2605800	20.0
Naphthalene, 1-me...	8.71	27.4	ng	8986070	2	7.87	6560850	20.0
Naphthalene, 2,6-...	9.23	27.4	ng	2961640	3	9.63	2162360	20.0
Naphthalene, 1,4-...	9.44	30.6	ng	3303920	3	9.63	2162360	20.0
Naphthalene, 1,4,...	9.76	21.4	ng	2308000	3	9.63	2162360	20.0
Naphthalene, 2,3,...	9.90	34.4	ng	3718720	3	9.63	2162360	20.0
Naphthalene, 1,4,...	10.06	22.5	ng	2433140	3	9.63	2162360	20.0
2-Bromo dodecane	10.31	24.7	ng	2669410	3	9.63	2162360	20.0
Octane, 2,6-dimet...	10.58	34.3	ng	3310440	4	11.11	1929510	20.0
3H-Benz[e]indene,...	10.76	36.0	ng	3473700	4	11.11	1929510	20.0
Heptadecane, 2,6,...	11.03	49.9	ng	4816680	4	11.11	1929510	20.0
1-Methyldibenzoth...	11.44	23.7	ng	2290770	4	11.11	1929510	20.0
Phenanthrene, 1-m...	11.71	23.2	ng	2238450	4	11.11	1929510	20.0