

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091409.D
 Acq On : 3 Dec 2016 00:29
 Operator : UM/SJ
 Sample : H5825-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S120116SF-S-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-BF112916.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	5.041	238	241	246	rBV	1030496	1721434	40.29%	1.832%
2	5.464	275	278	280	rVB	4027748	4043783	94.64%	4.304%
3	5.761	303	304	307	rVB	193699	227552	5.33%	0.242%
4	6.116	333	335	338	rBV2	146659	233910	5.47%	0.249%
5	6.390	354	359	363	rBV4	232660	556214	13.02%	0.592%
6	6.459	363	365	366	rBV	250713	348841	8.16%	0.371%
7	6.493	366	368	371	rVB	3916688	4257551	99.64%	4.531%
8	6.550	371	373	376	rVB2	102857	157740	3.69%	0.168%
9	6.630	377	380	382	rVB	4277220	4272881	100.00%	4.547%
10	6.699	383	386	390	rVB	648540	1073461	25.12%	1.142%
11	6.859	398	400	401	rBV	1499065	1240617	29.03%	1.320%
12	6.916	404	405	408	rBV3	205163	292081	6.84%	0.311%
13	7.019	412	414	416	rBV	3318391	3116353	72.93%	3.317%
14	7.110	418	422	423	rBV2	104814	192439	4.50%	0.205%
15	7.144	423	425	426	rVB	384930	354560	8.30%	0.377%
16	7.179	426	428	430	rBV2	357688	481825	11.28%	0.513%
17	7.259	433	435	437	rBV	482147	426229	9.98%	0.454%
18	7.350	440	443	445	rBV2	160638	371763	8.70%	0.396%
19	7.419	445	449	452	rBV	1938753	3179159	74.40%	3.383%
20	7.464	452	453	455	rVB	840940	747260	17.49%	0.795%
21	7.510	455	457	459	rVB2	295058	448125	10.49%	0.477%
22	7.556	459	461	462	rBV2	145513	249894	5.85%	0.266%
23	7.579	462	463	465	rVB	197069	188630	4.41%	0.201%
24	7.636	465	468	469	rBV	236196	347833	8.14%	0.370%
25	7.659	469	470	473	rVB2	409846	476506	11.15%	0.507%
26	7.773	476	480	481	rBV2	276350	496708	11.62%	0.529%
27	7.842	481	486	487	rVB4	262482	854763	20.00%	0.910%
28	7.887	487	490	491	rBV2	717268	1139771	26.67%	1.213%
29	7.910	491	492	494	rVB2	352521	426205	9.97%	0.454%
30	7.956	494	496	498	rBV3	241305	544067	12.73%	0.579%
31	8.024	500	502	504	rBV2	163568	266681	6.24%	0.284%
32	8.104	506	509	510	rBV2	272856	489490	11.46%	0.521%
33	8.150	510	513	516	rBV2	1454126	2309609	54.05%	2.458%
34	8.219	518	519	520	rVB	699313	479379	11.22%	0.510%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.242	520	521	523	rVB	220756	158775	3.72%	0.169%
36	8.322	525	528	529	rBV2	216047	429402	10.05%	0.457%
37	8.345	529	530	532	rVB2	265693	312320	7.31%	0.332%
38	8.390	532	534	535	rBV2	158327	166525	3.90%	0.177%
39	8.447	535	539	542	rBV5	451520	862227	20.18%	0.918%
40	8.505	542	544	545	rVB	309103	310477	7.27%	0.330%
41	8.539	545	547	548	rBV	463059	584854	13.69%	0.622%
42	8.573	548	550	553	rBV	720332	1175406	27.51%	1.251%
43	8.619	553	554	555	rVB	344999	236669	5.54%	0.252%
44	8.653	555	557	559	rBV2	657983	703317	16.46%	0.749%
45	8.699	559	561	563	rVB3	166595	238818	5.59%	0.254%
46	8.745	563	565	567	rBV3	221037	477981	11.19%	0.509%
47	8.813	569	571	572	rVB	230911	290191	6.79%	0.309%
48	8.859	572	575	577	rVB2	1399318	1726665	40.41%	1.838%
49	8.905	577	579	580	rBV	217612	250955	5.87%	0.267%
50	8.962	580	584	586	rBV2	1107903	1766028	41.33%	1.880%
51	9.030	589	590	591	rBV	375106	358368	8.39%	0.381%
52	9.053	591	592	595	rBV3	189093	317762	7.44%	0.338%
53	9.179	599	603	605	rBV2	1171428	1286579	30.11%	1.369%
54	9.225	605	607	609	rBV	3790228	3311544	77.50%	3.524%
55	9.305	612	614	617	rBV3	575667	1085231	25.40%	1.155%
56	9.373	617	620	623	rBV2	442713	777248	18.19%	0.827%
57	9.419	623	624	627	rVB	624768	697477	16.32%	0.742%
58	9.487	627	630	633	rBV	1170673	1906093	44.61%	2.029%
59	9.568	633	637	638	rBV	1460079	2381443	55.73%	2.534%
60	9.636	640	643	644	rBV2	1443485	2253144	52.73%	2.398%
61	9.682	644	647	649	rVB3	644263	1118486	26.18%	1.190%
62	9.728	649	651	653	rBV3	137457	256233	6.00%	0.273%
63	9.762	653	654	658	rBV2	359024	528871	12.38%	0.563%
64	9.819	658	659	660	rVB	337561	231567	5.42%	0.246%
65	9.899	663	666	668	rBV	1869467	2471896	57.85%	2.631%
66	9.945	668	670	671	rVB2	206566	210193	4.92%	0.224%
67	10.013	674	676	678	rVB	659416	1016633	23.79%	1.082%
68	10.048	678	679	680	rBV	225936	268584	6.29%	0.286%
69	10.105	682	684	686	rVB	1088657	939238	21.98%	1.000%
70	10.139	686	687	692	rVB4	521151	1180207	27.62%	1.256%
71	10.219	692	694	695	rBV	671544	644211	15.08%	0.686%

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72	10.310	700	702	706	rVB2	427567	878690	20.56%	0.935%
73	10.368	706	707	708	rBV	178447	206342	4.83%	0.220%
74	10.402	708	710	712	rVB3	283483	380910	8.91%	0.405%
75	10.448	712	714	715	rBV2	338267	492093	11.52%	0.524%
76	10.516	717	720	721	rVV3	411092	645507	15.11%	0.687%
77	10.562	722	724	726	rVV	1518578	1509307	35.32%	1.606%
78	10.688	730	735	737	rBV2	2618064	3083556	72.17%	3.282%
79	10.722	737	738	742	rBV4	214010	317926	7.44%	0.338%
80	10.790	742	744	745	rBV	138736	162146	3.79%	0.173%
81	10.825	745	747	750	rBV2	1651299	2242000	52.47%	2.386%
82	10.893	750	753	754	rBV3	202063	283291	6.63%	0.301%
83	10.996	760	762	763	rBV2	188399	289896	6.78%	0.309%
84	11.031	763	765	771	rVB4	516906	1377255	32.23%	1.466%
85	11.145	771	775	778	rBV4	345361	819335	19.18%	0.872%
86	11.293	786	788	791	rVB	1269074	1364337	31.93%	1.452%
87	11.385	794	796	797	rBV	1756882	1550334	36.28%	1.650%
88	11.499	804	806	809	rBV3	182343	356557	8.34%	0.379%
89	11.888	838	840	841	rBV	257177	252670	5.91%	0.269%
90	11.911	841	842	845	rVV2	594422	758171	17.74%	0.807%
91	11.991	847	849	854	rVB4	354896	838523	19.62%	0.892%
92	12.436	885	888	889	rBV2	376347	438501	10.26%	0.467%
93	12.596	900	902	909	rVB6	166803	532574	12.46%	0.567%
94	12.699	909	911	914	rBV2	262116	309021	7.23%	0.329%
95	12.974	932	935	937	rVB	2153549	2645481	61.91%	2.815%
96	13.248	957	959	965	rVB3	90149	205225	4.80%	0.218%
97	13.865	1011	1013	1018	rVB	252256	285797	6.69%	0.304%
98	14.014	1023	1026	1032	rVB	1473562	1439941	33.70%	1.532%
99	14.517	1066	1070	1074	rVB	110737	237583	5.56%	0.253%
100	15.442	1148	1151	1154	rBV	784207	1114068	26.07%	1.186%

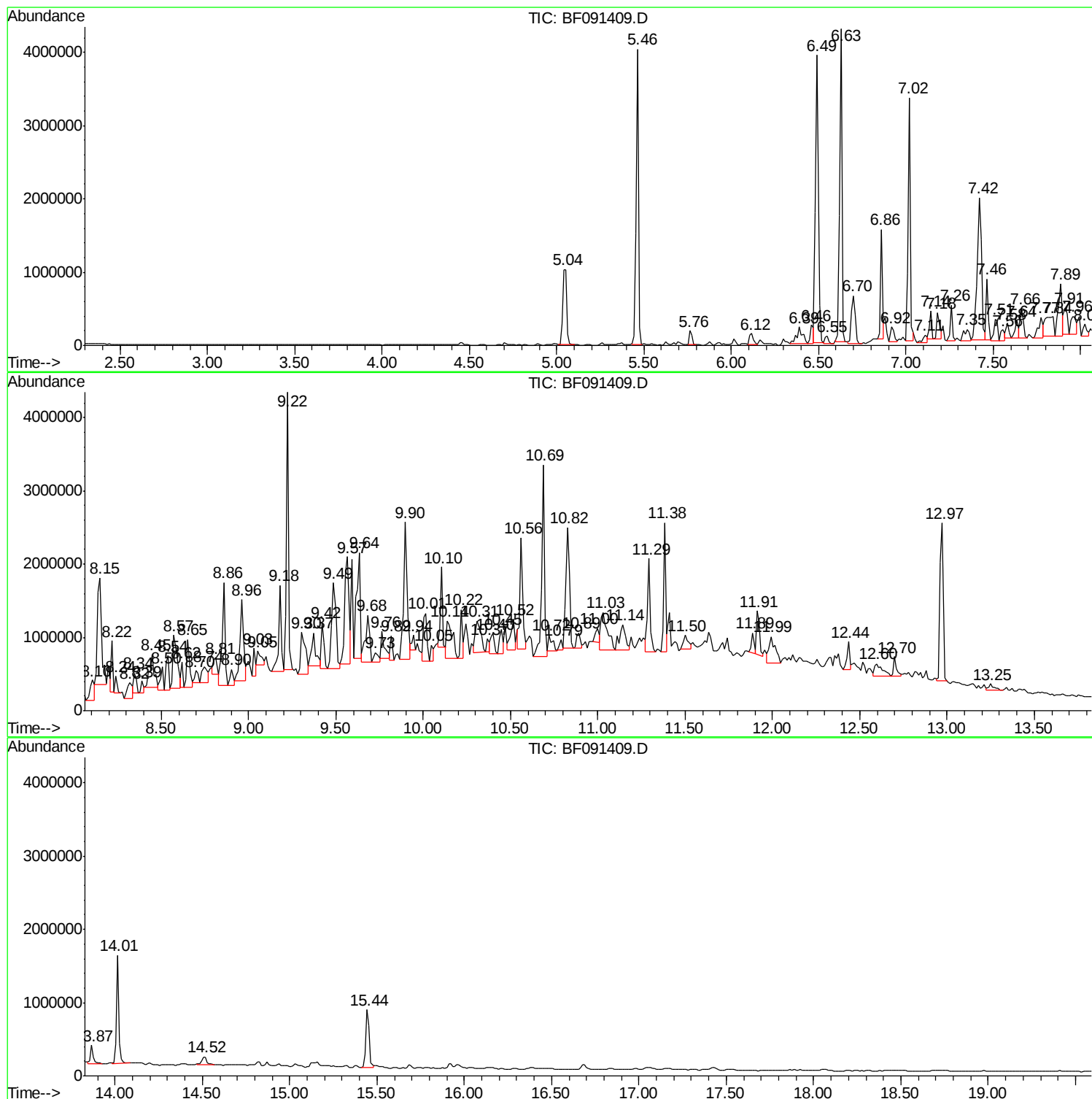
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TIC Library : C:\DATABASE\NIST02.L
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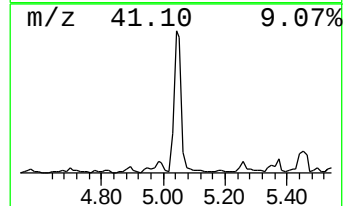
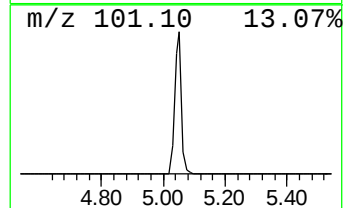
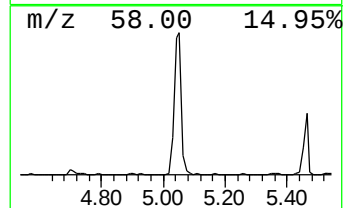
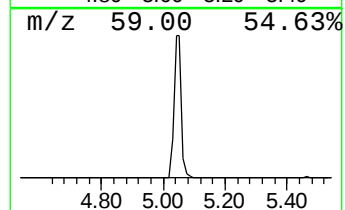
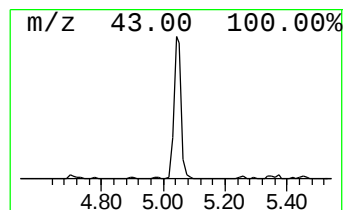
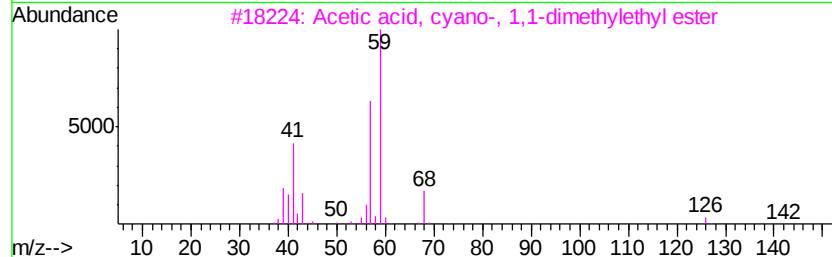
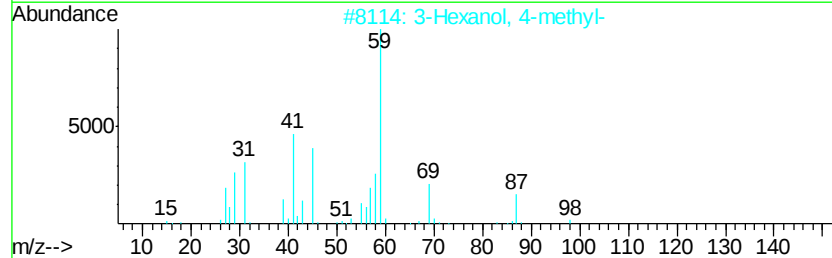
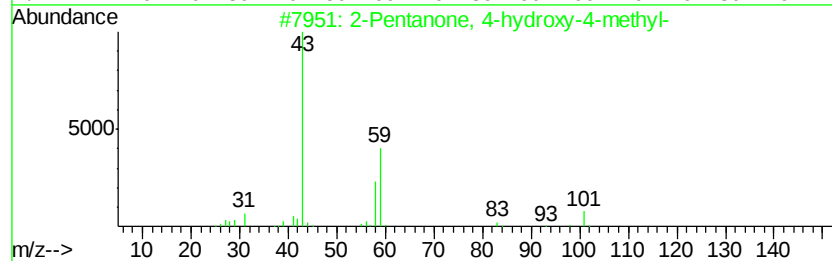
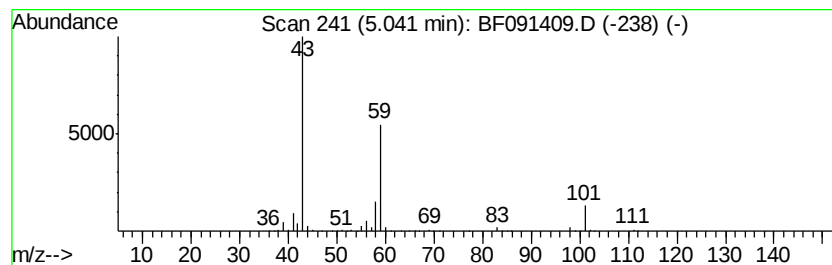
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	27.75 ng	1721430	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25



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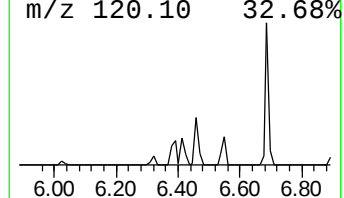
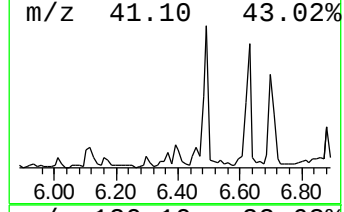
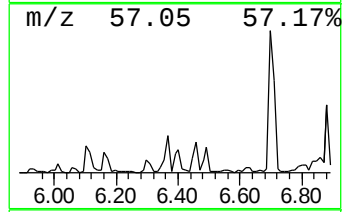
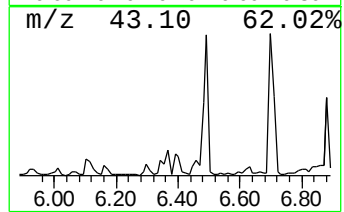
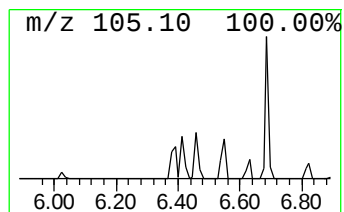
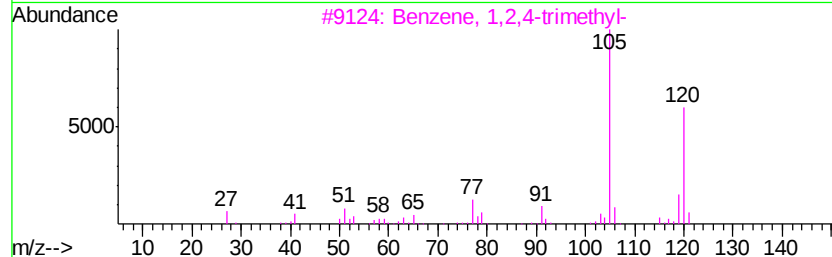
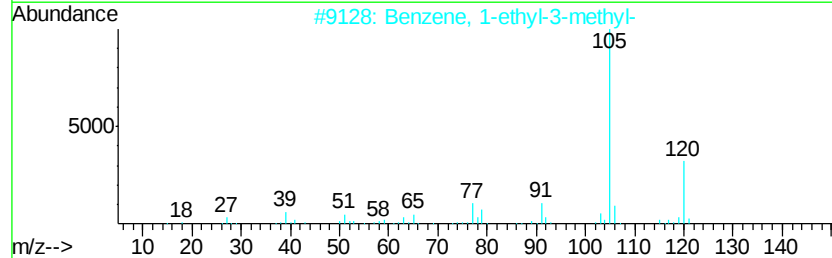
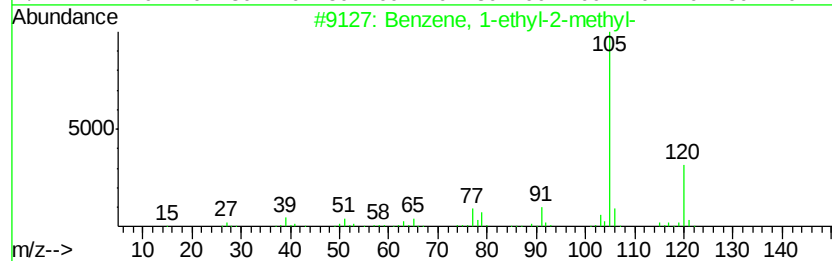
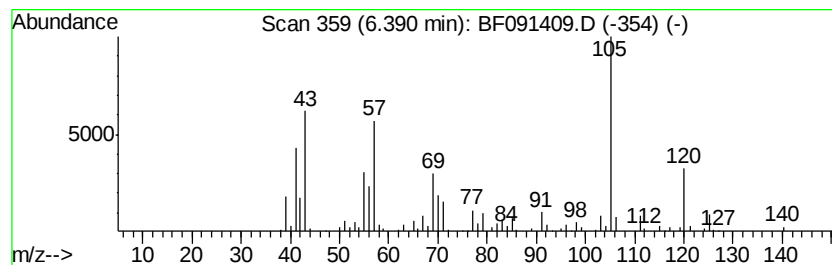
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	8.97 ng	556214	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
4			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	55
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55



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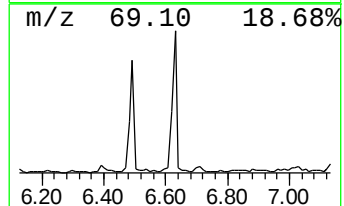
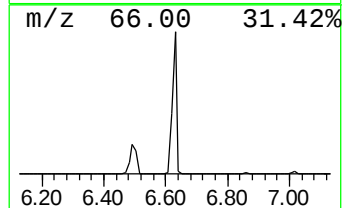
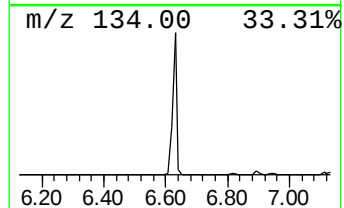
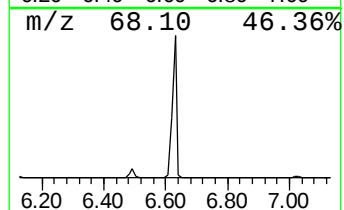
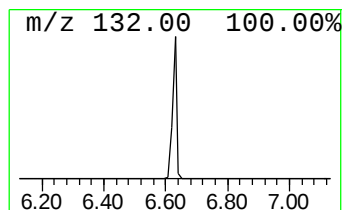
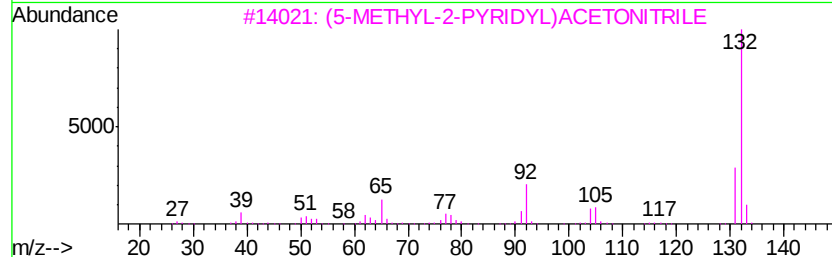
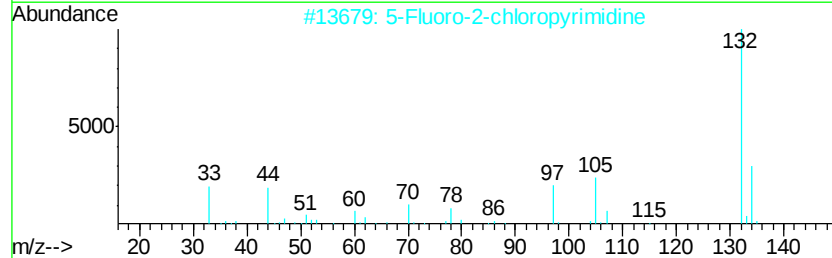
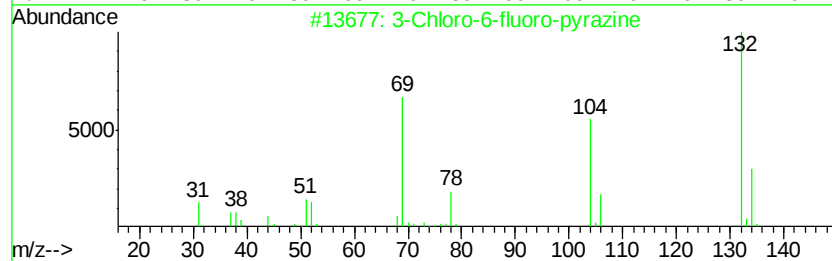
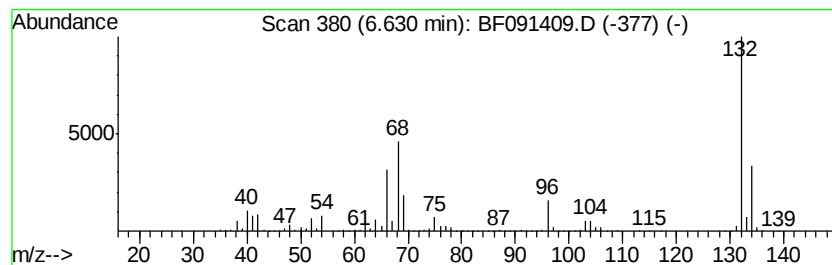
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	68.88 ng	4272880	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
Sample : H5825-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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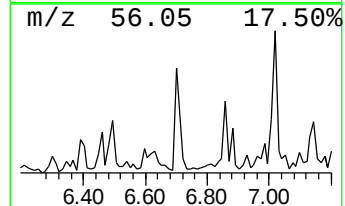
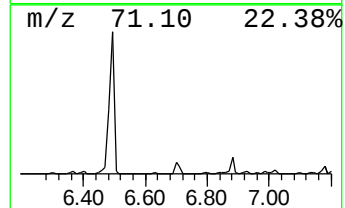
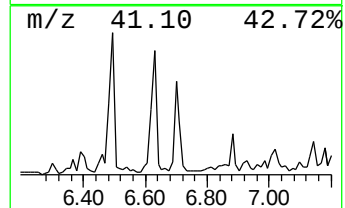
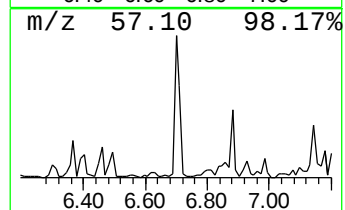
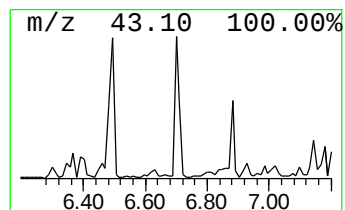
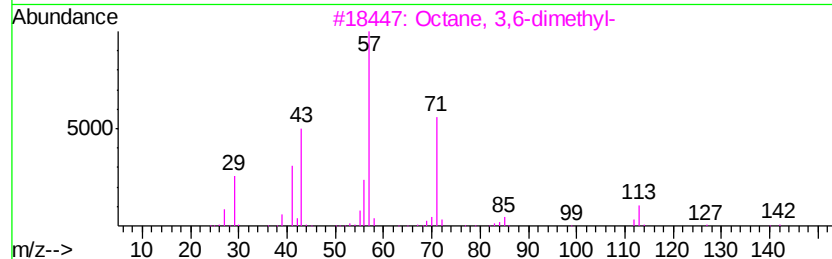
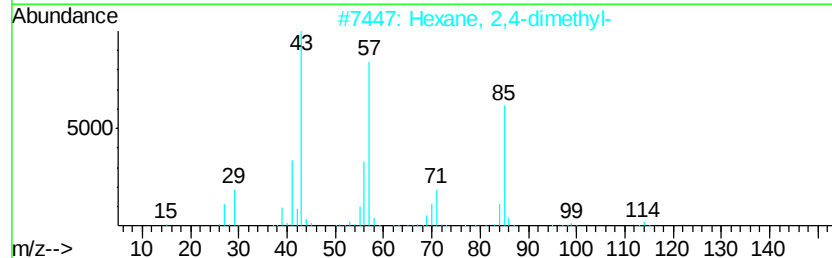
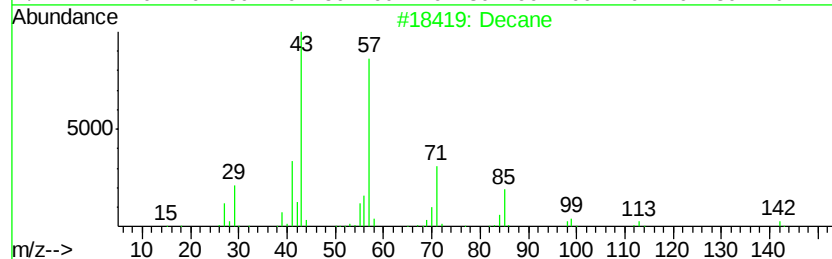
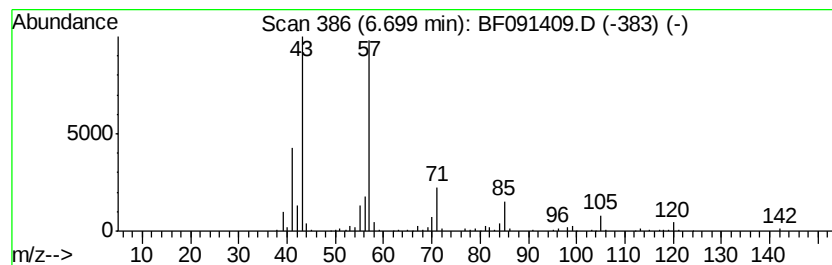
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	17.31 ng	1073460	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	64
2	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	64
3	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	53
4	Undecane, 2,4-dimethyl-		184	C13H28	017312-80-0	53
5	Pentane, 3-ethyl-2-methyl-		114	C8H18	000609-26-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
Acq On : 3 Dec 2016 00:29
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Misc :
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ClientSampleId :
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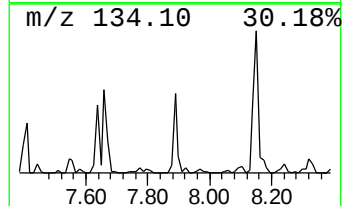
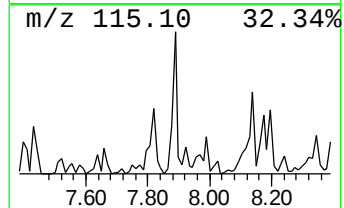
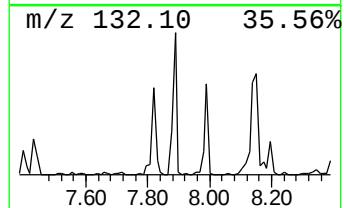
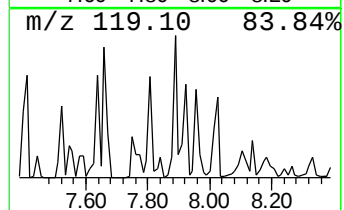
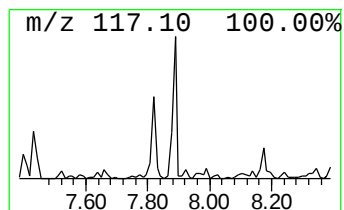
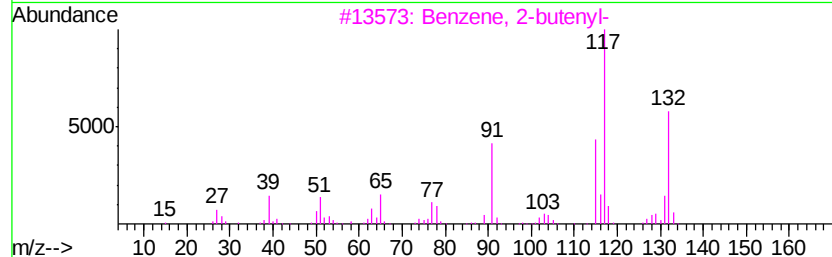
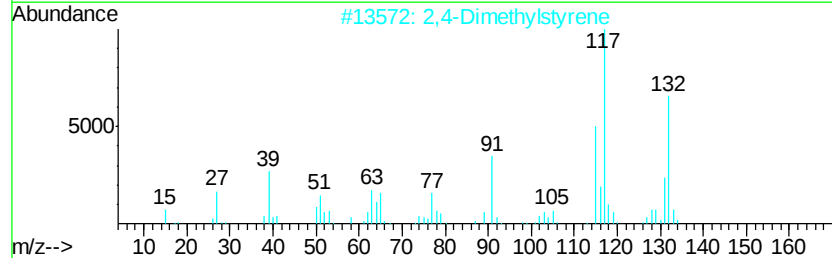
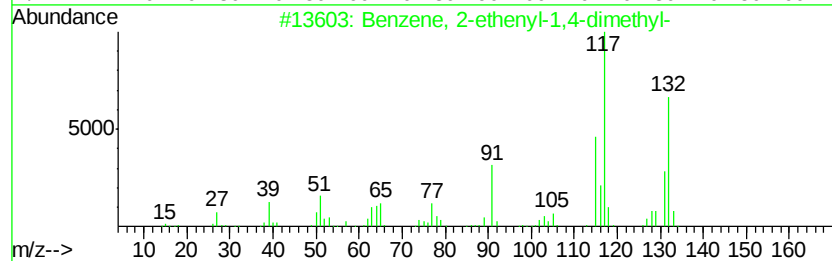
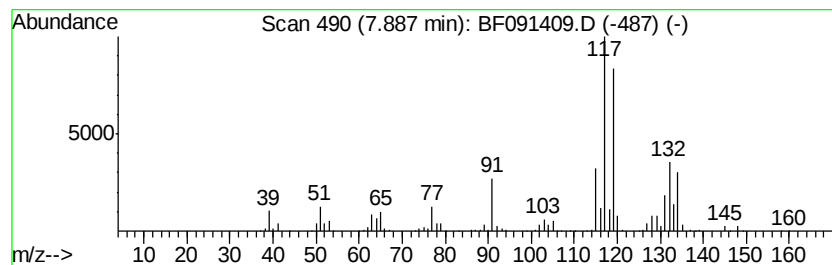
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	9.87 ng	1139770	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
Sample : H5825-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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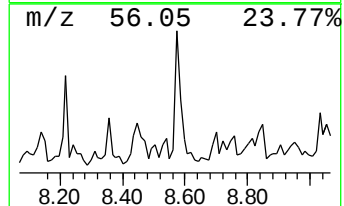
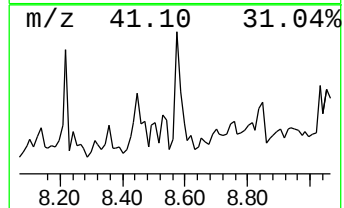
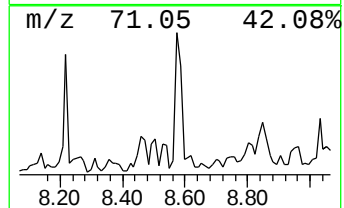
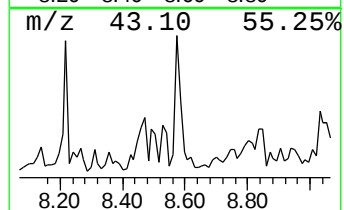
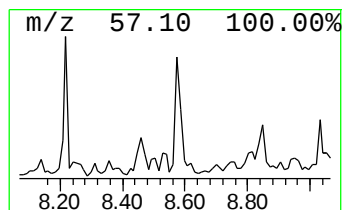
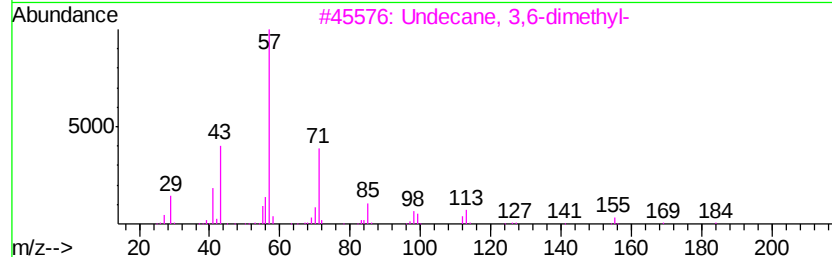
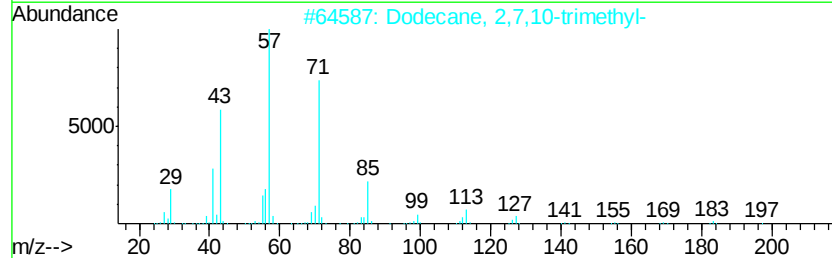
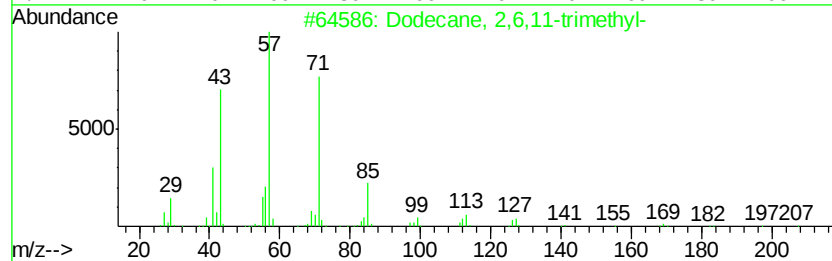
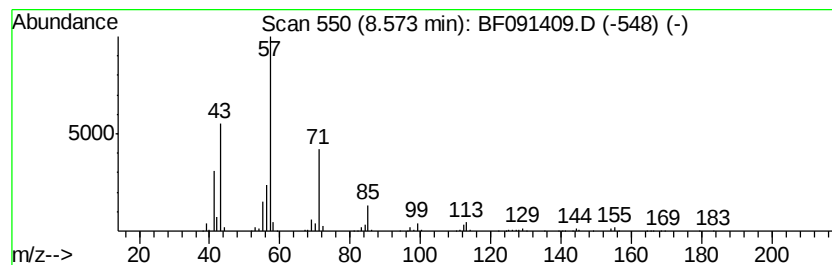
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	10.18 ng	1175410	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
Sample : H5825-01
Misc :
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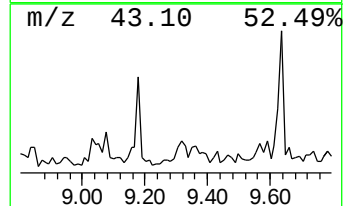
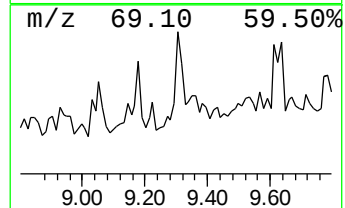
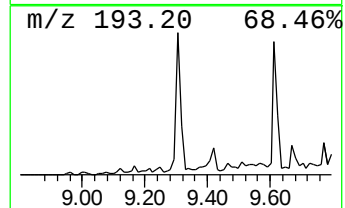
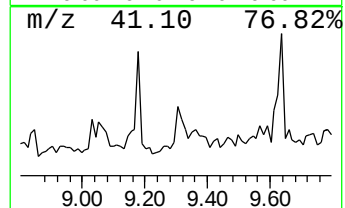
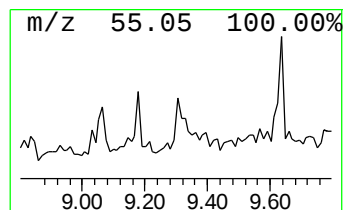
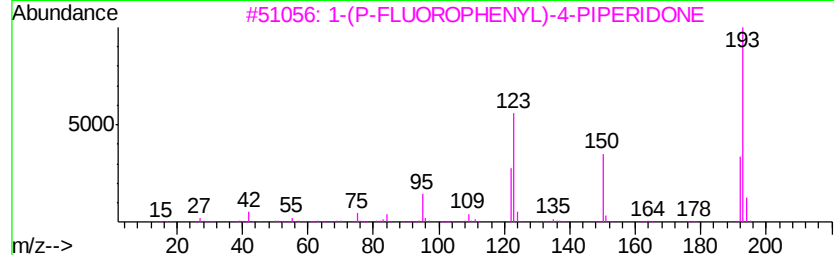
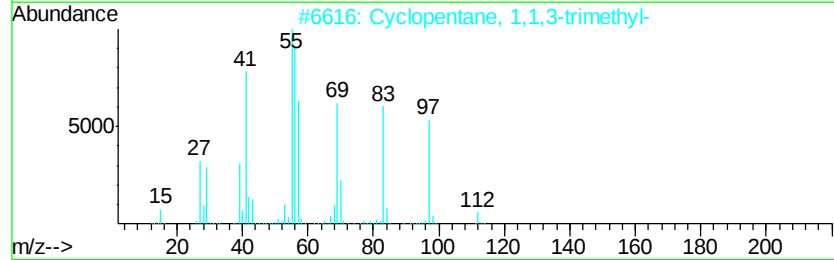
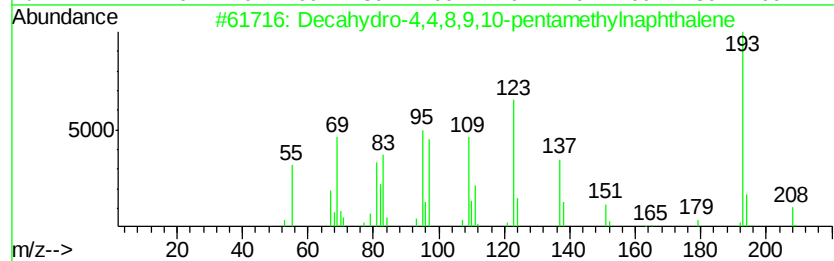
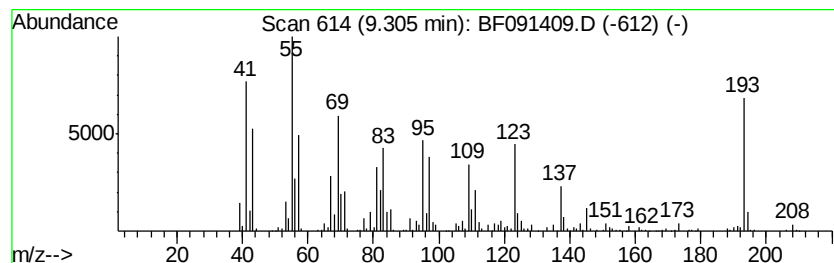
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	8.78 ng	1085230	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 90
2		Cyclopentane, 1,1,3-trimethyl-	112 C8H16	004516-69-2 50
3		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193 C11H12FN0	1000238-56-7 35
4		Pentanoic acid, 10-undecenyl ester	254 C16H30O2	1000159-93-4 27
5		1,7-Dimethyl-4-(1-methylethyl)cy...	210 C15H30	000645-10-3 27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
Sample : H5825-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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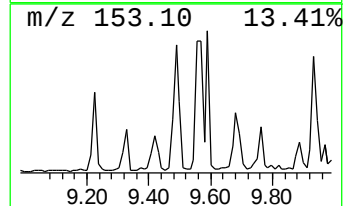
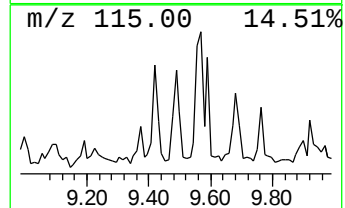
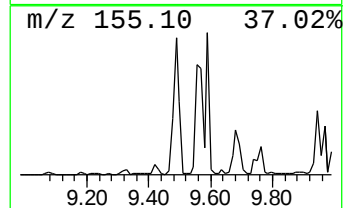
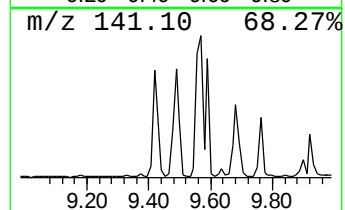
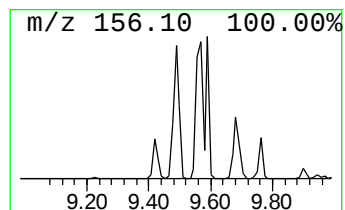
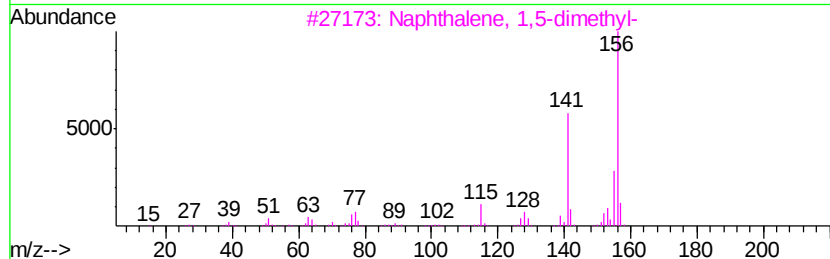
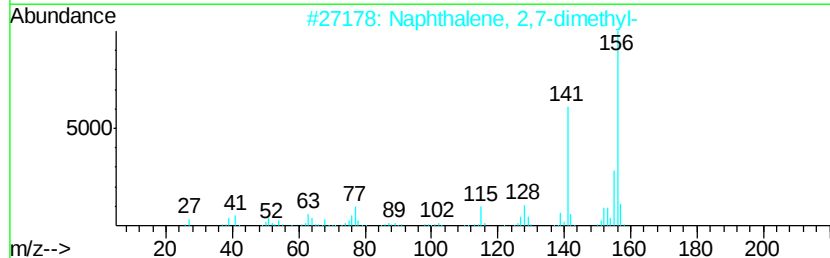
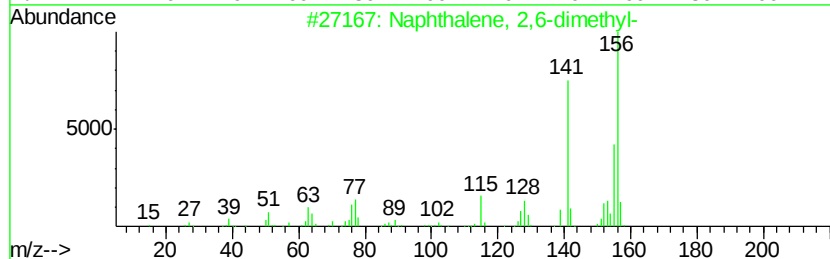
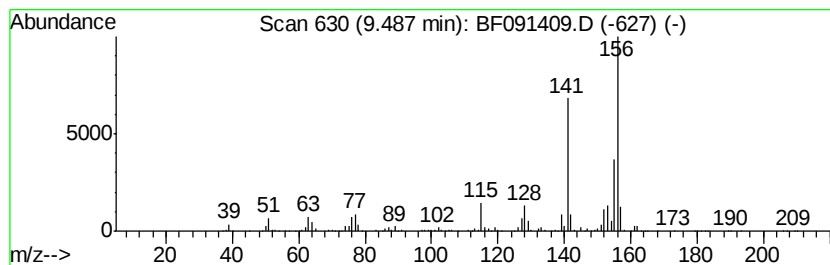
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	15.42 ng	1906090	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
Acq On : 3 Dec 2016 00:29
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ALS Vial : 24 Sample Multiplier: 1

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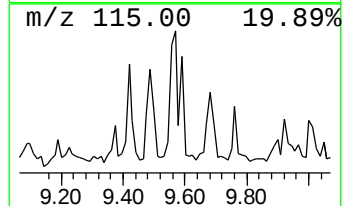
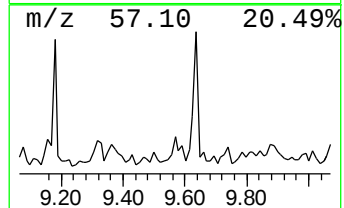
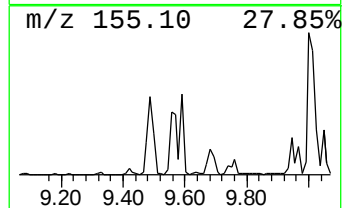
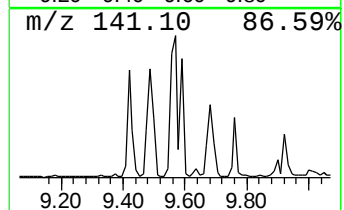
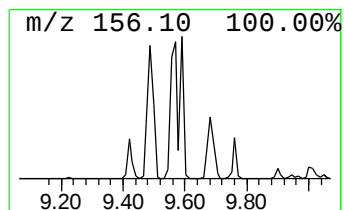
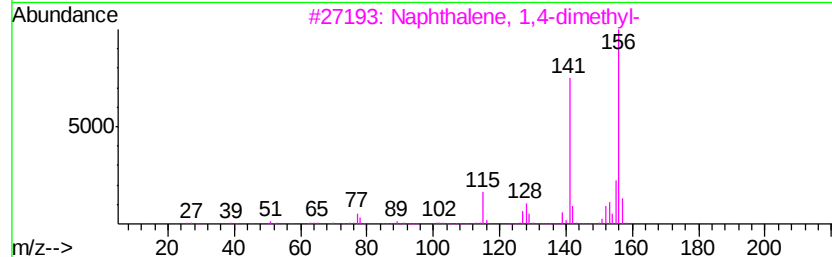
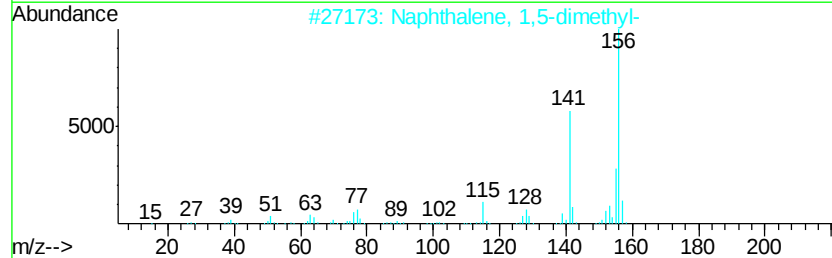
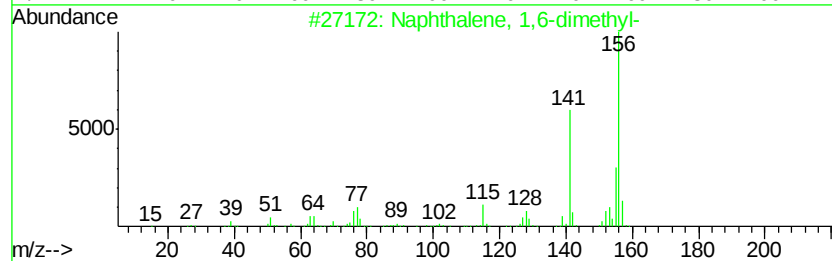
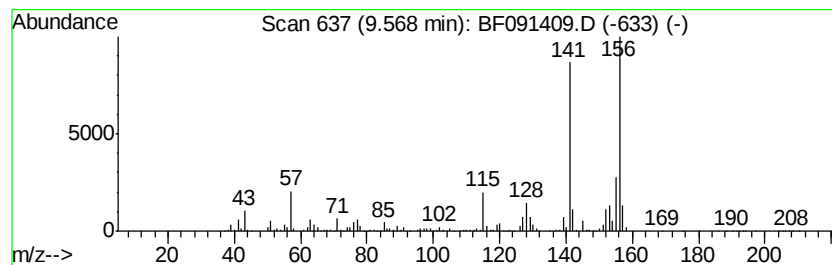
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	19.27 ng	2381440	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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Acq On : 3 Dec 2016 00:29
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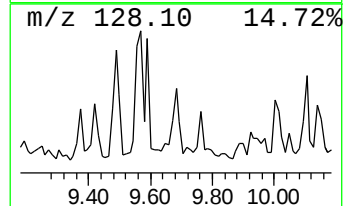
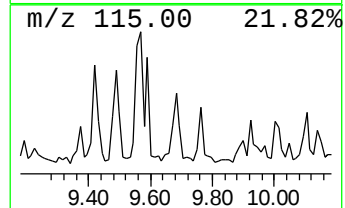
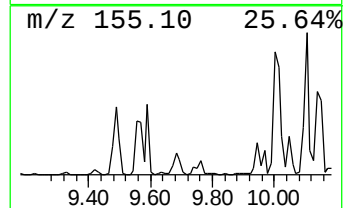
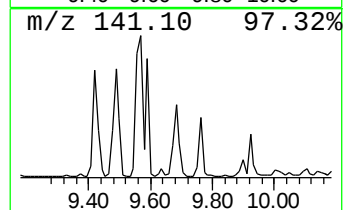
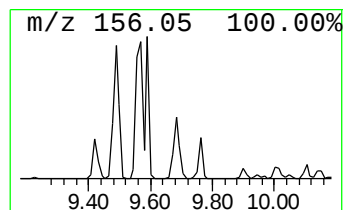
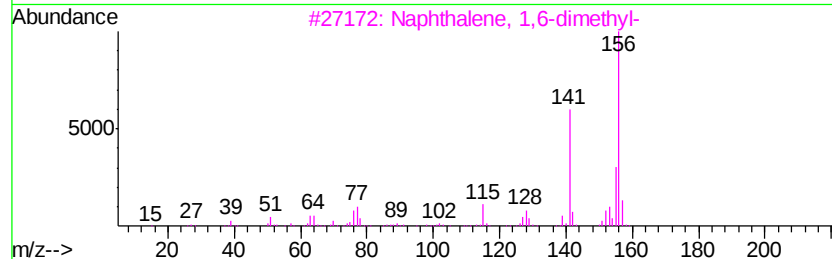
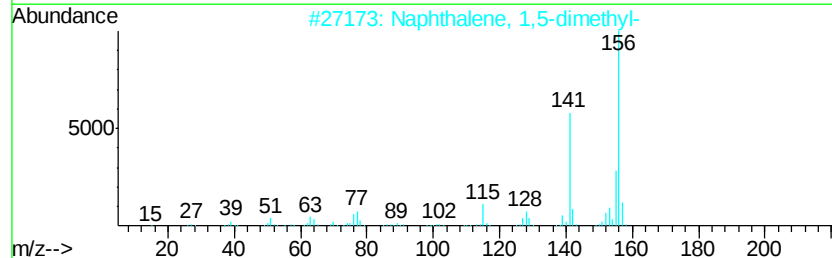
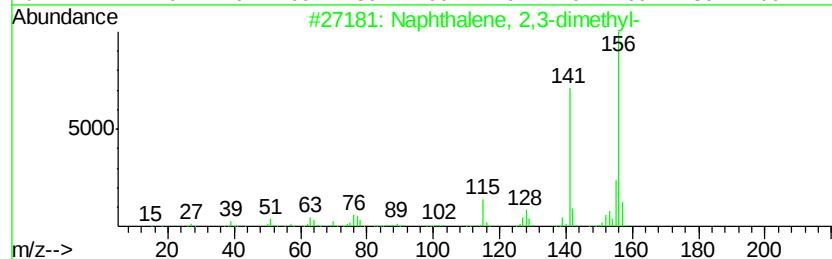
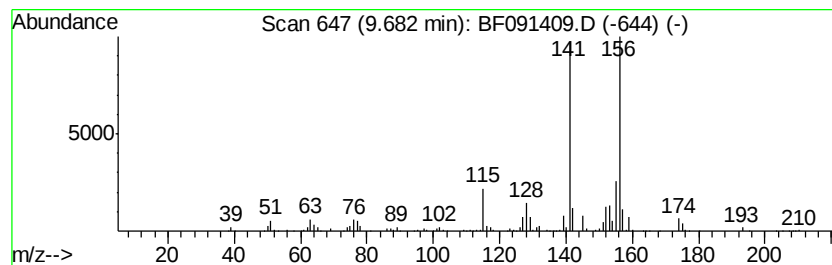
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	9.05 ng	1118490	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
Sample : H5825-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-1

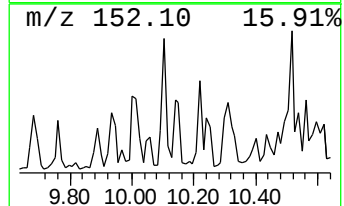
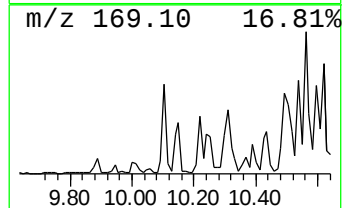
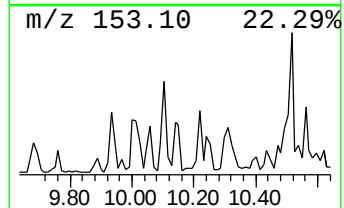
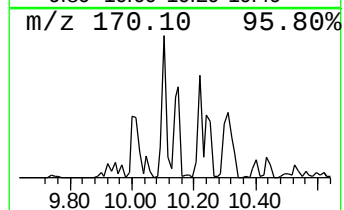
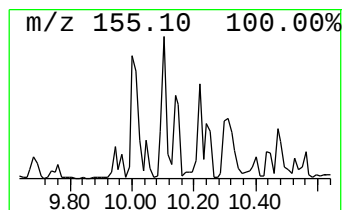
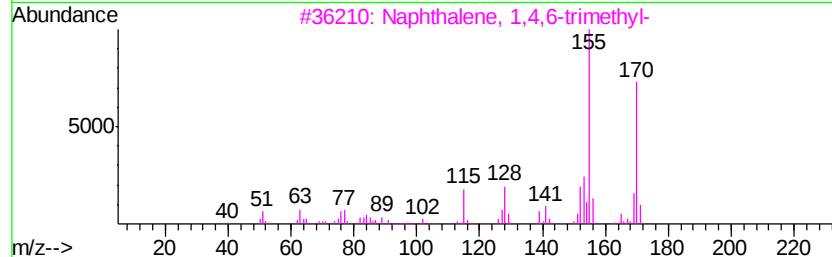
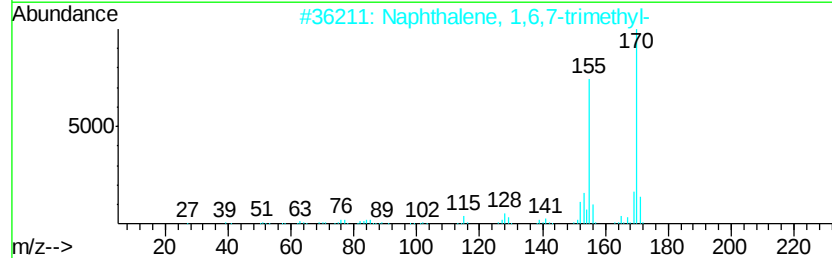
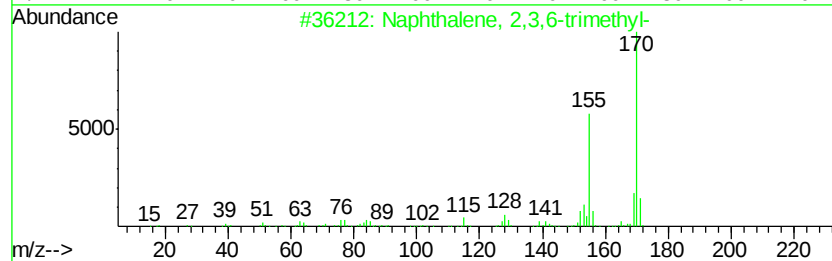
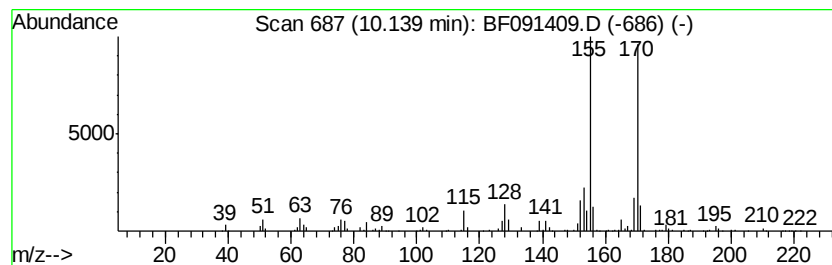
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	9.55 ng	1180210	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
Sample : H5825-01
Misc :
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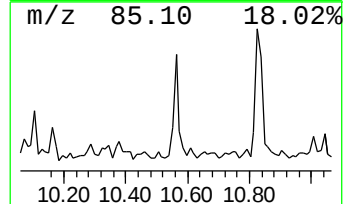
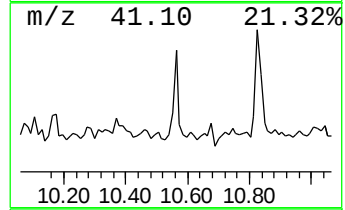
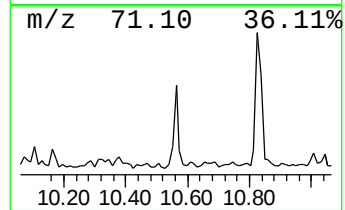
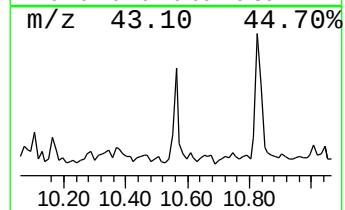
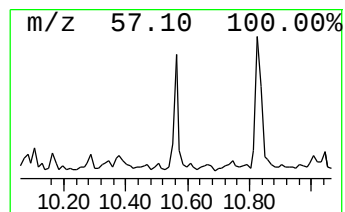
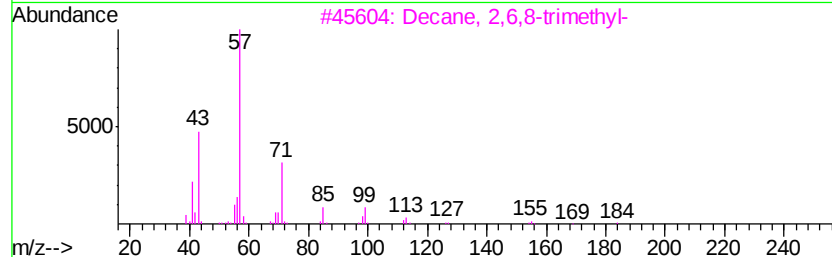
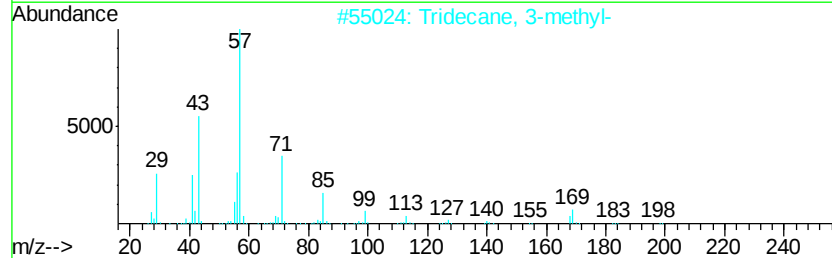
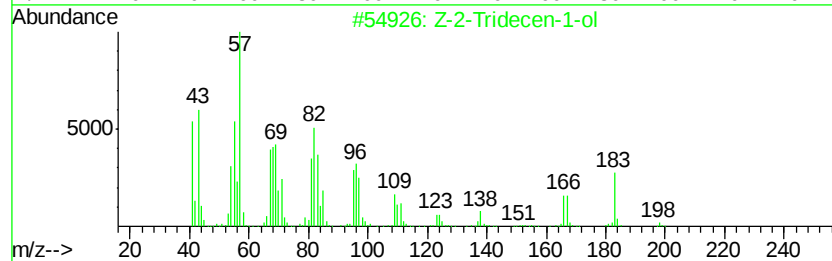
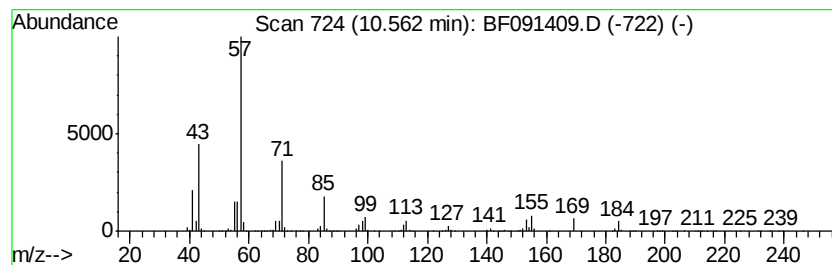
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Z-2-Tridecen-1-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	12.21 ng	1509310	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Z-2-Tridecen-1-ol	198 C13H26O	1000130-75-8 74
2		Tridecane, 3-methyl-	198 C14H30	006418-41-3 59
3		Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3 53
4		Dodecane, 6-methyl-	184 C13H28	006044-71-9 50
5		5-Ethyldecane	170 C12H26	017302-36-2 50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
Sample : H5825-01
Misc :
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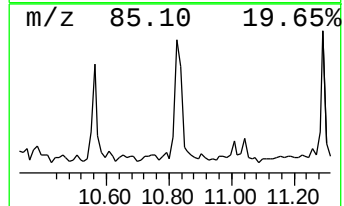
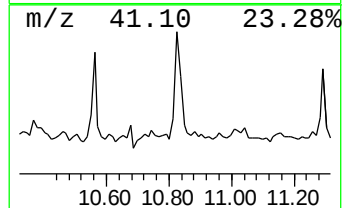
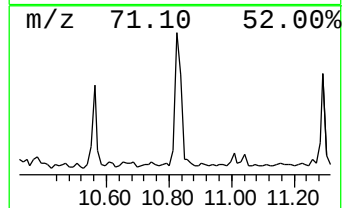
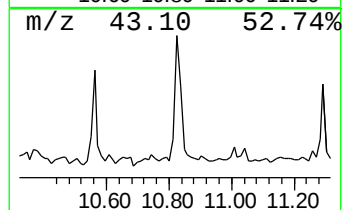
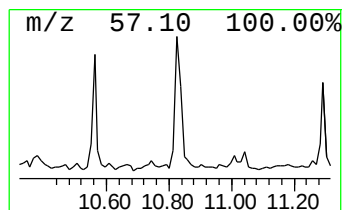
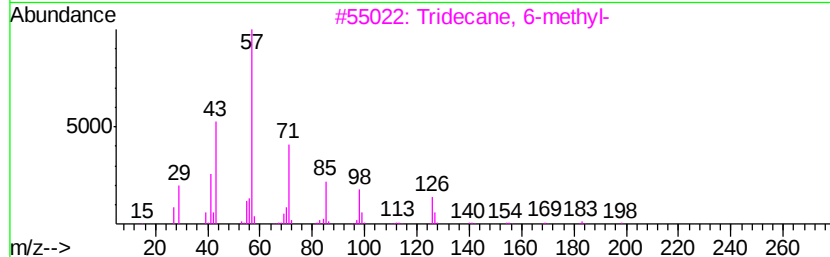
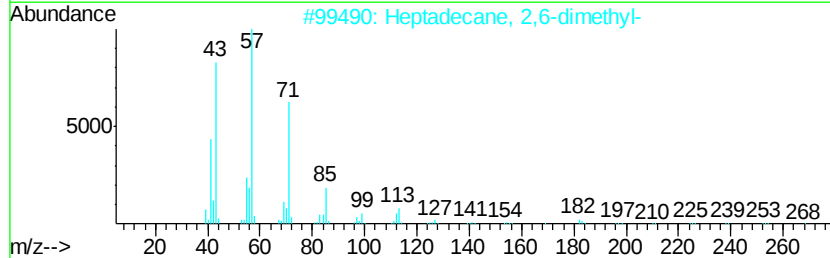
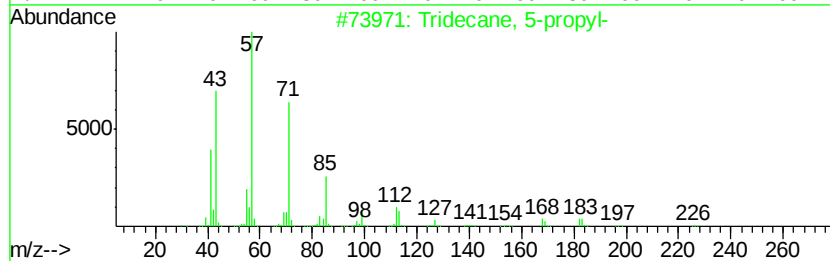
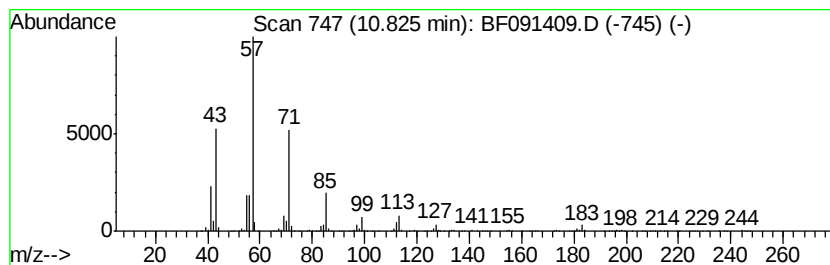
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.82	28.92 ng	2242000	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	80
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
Sample : H5825-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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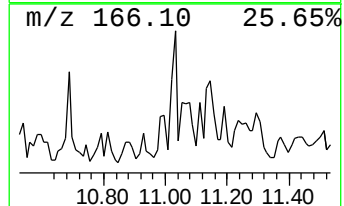
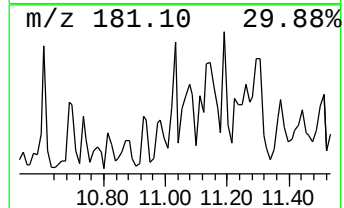
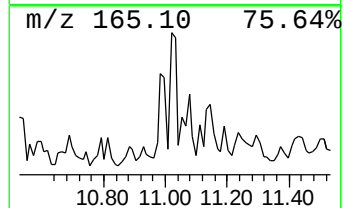
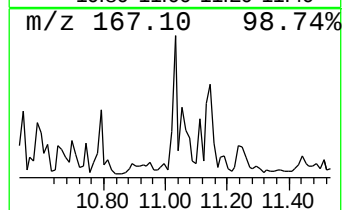
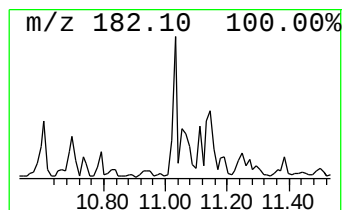
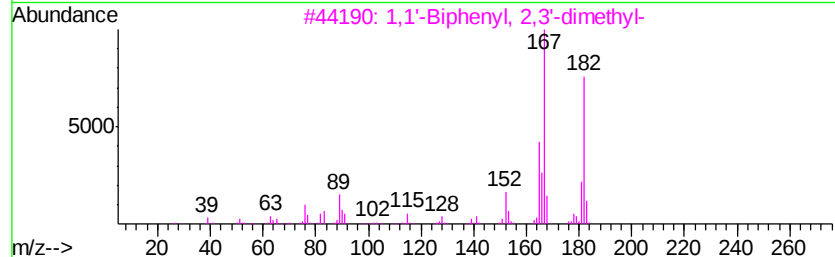
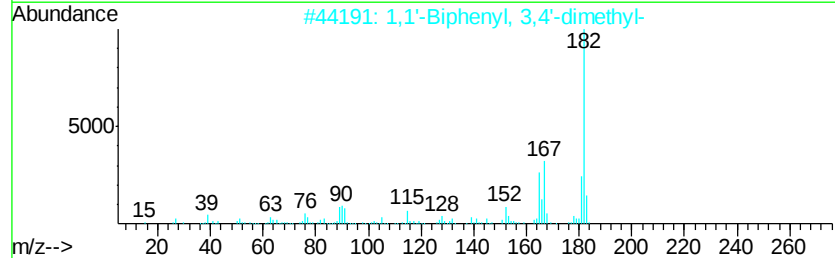
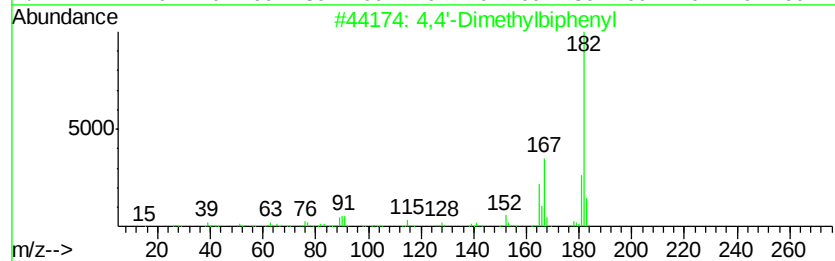
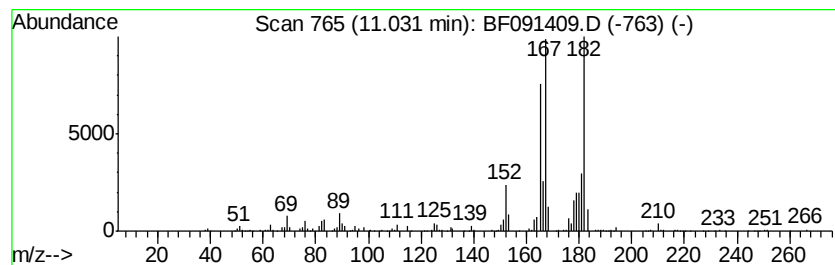
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4,4'-Dimethylbiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	17.77 ng	1377260	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
2		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	76
3		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	70
4		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	64
5		1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
Sample : H5825-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampled :
S120116SF-S-1

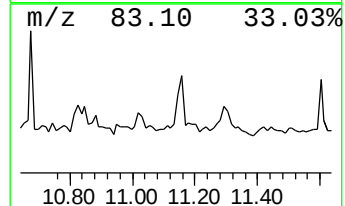
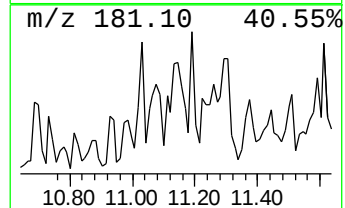
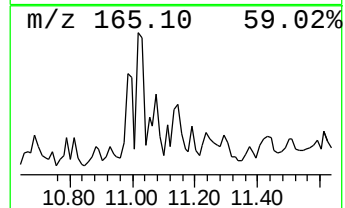
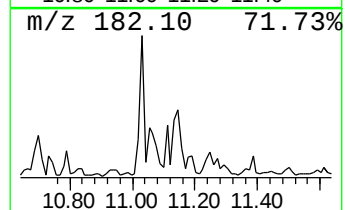
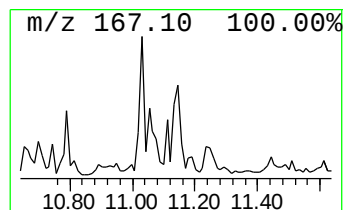
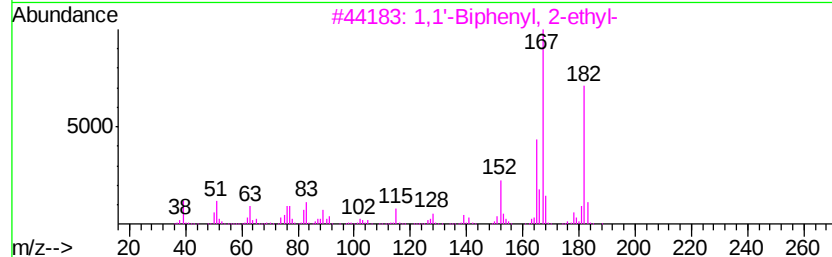
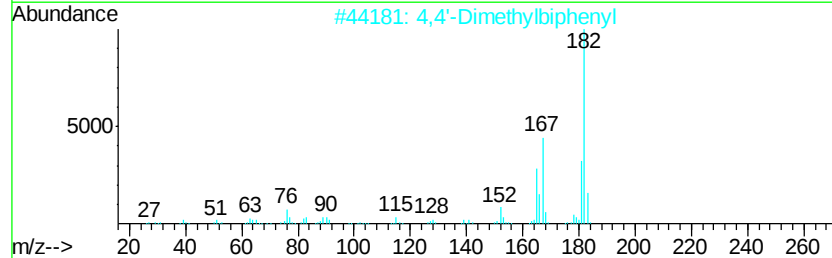
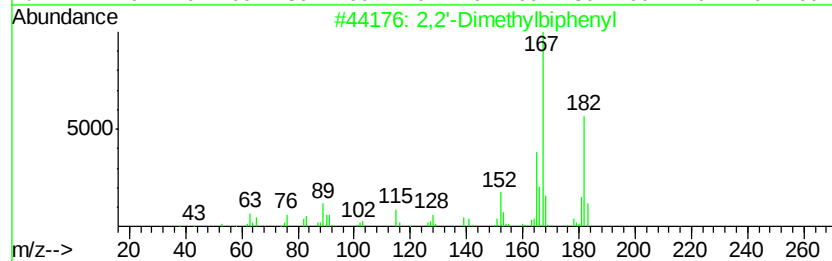
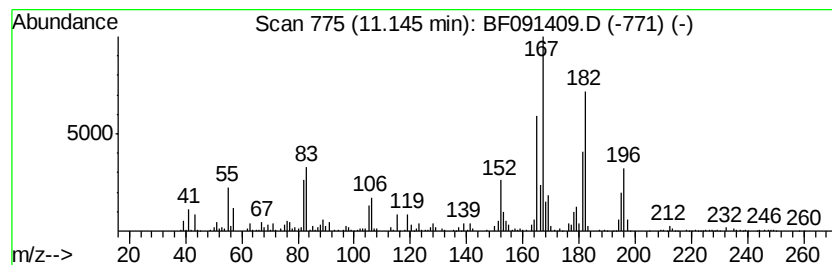
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2,2'-Dimethylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	10.57 ng	819335	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	78
2		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
3		1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	62
4		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	53
5		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
Acq On : 3 Dec 2016 00:29
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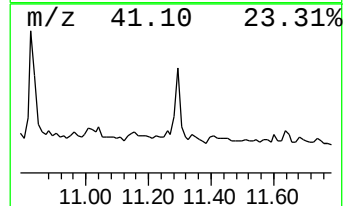
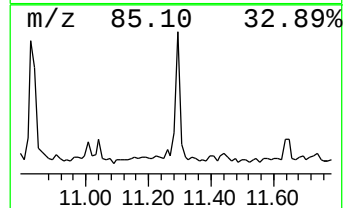
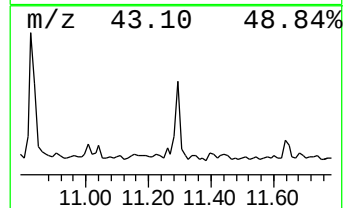
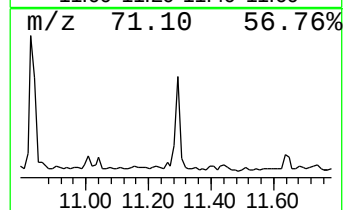
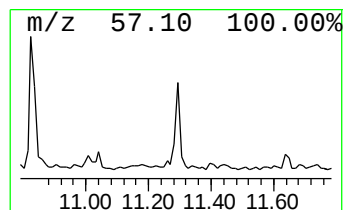
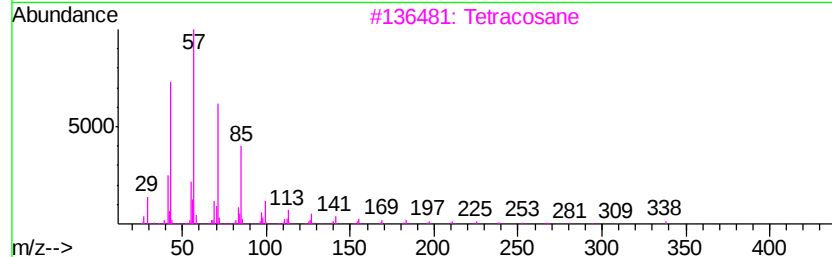
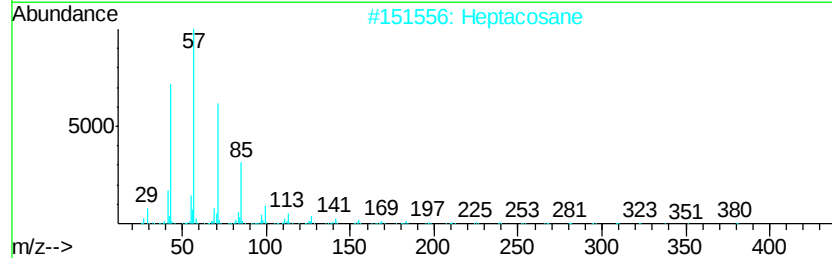
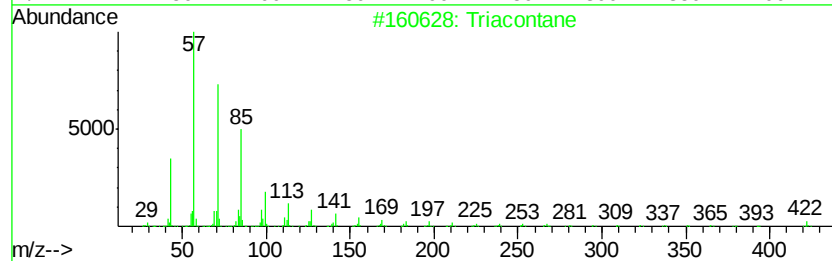
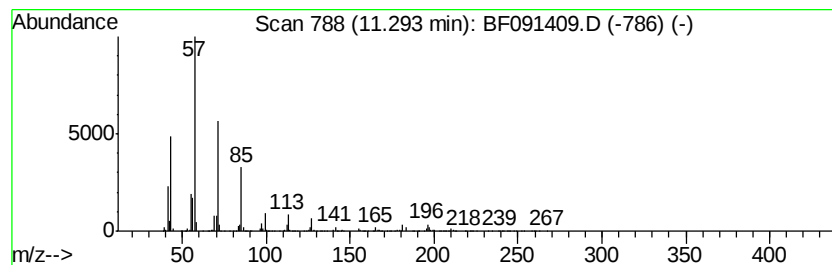
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	17.60 ng	1364340	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	78
2		Heptacosane	380	C27H56	000593-49-7	78
3		Tetracosane	338	C24H50	000646-31-1	72
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	70
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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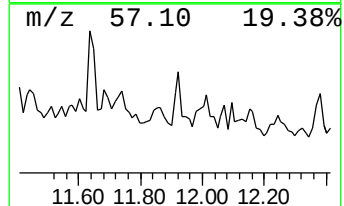
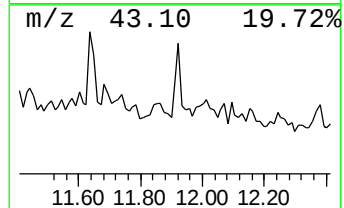
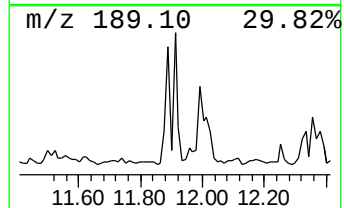
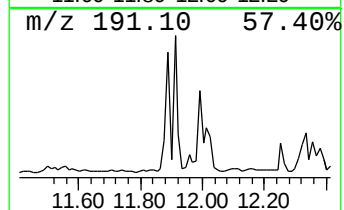
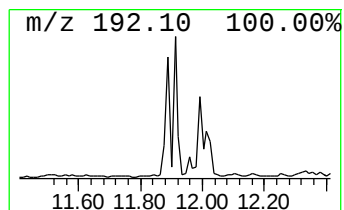
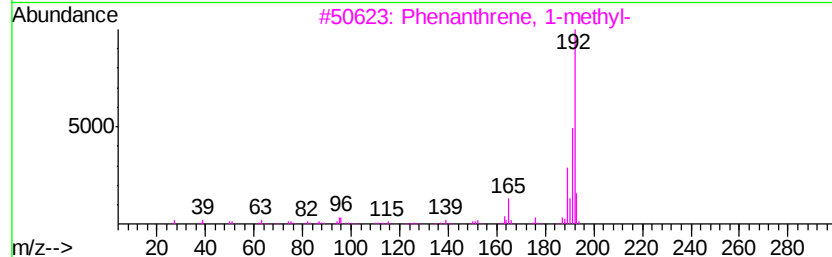
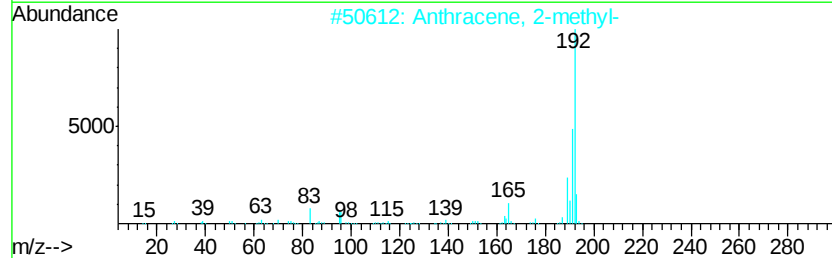
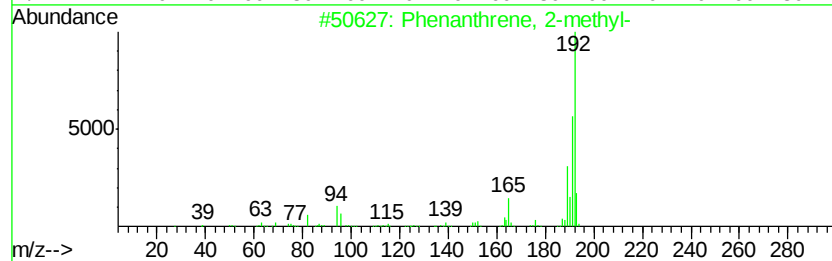
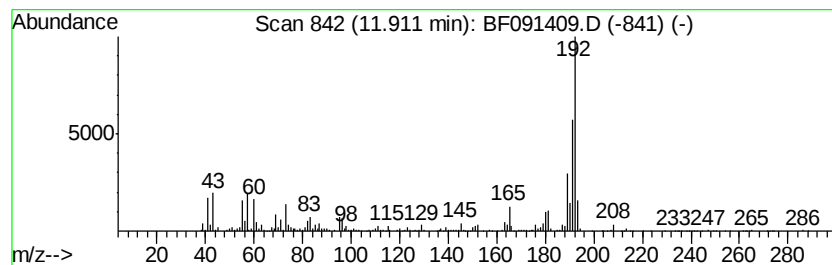
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	9.78 ng	758171	Phenanthrene-d10	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
Acq On : 3 Dec 2016 00:29
Operator : UM/SJ
Sample : H5825-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

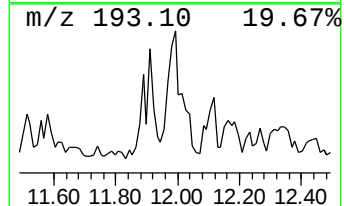
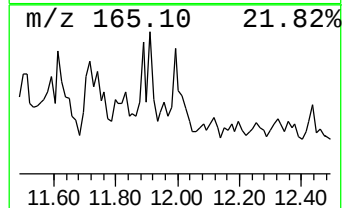
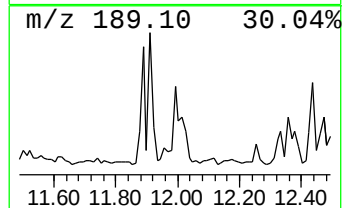
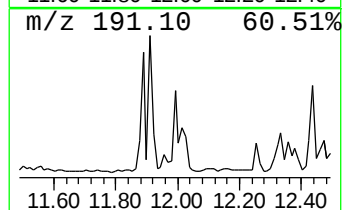
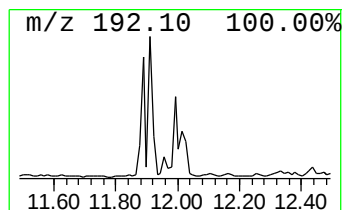
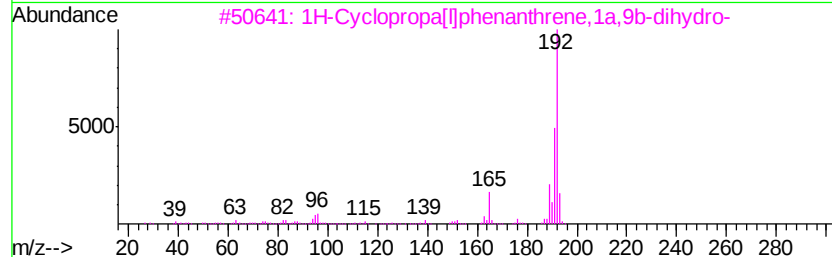
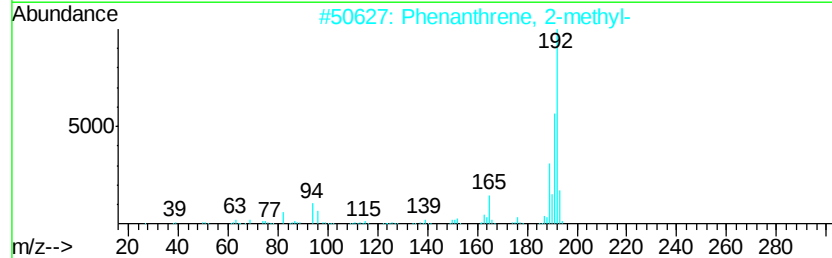
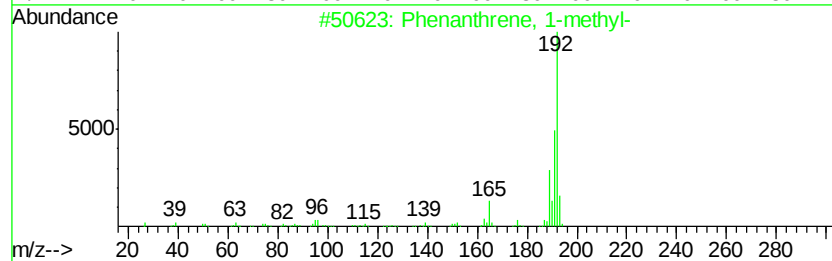
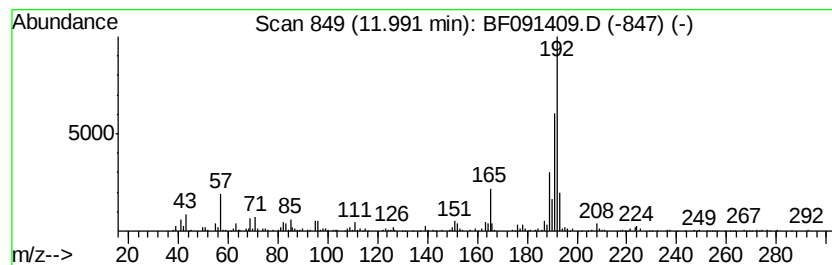
Instrument :
BNA_F
ClientSampleId :
S120116SF-S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	10.82 ng	838523	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091409.D
 Acq On : 3 Dec 2016 00:29
 Operator : UM/SJ
 Sample : H5825-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S120116SF-S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.04	27.8	ng	1721430	1	6.86	1240620	20.0
Benzene, 1-ethyl-...	6.39	9.0	ng	556214	1	6.86	1240620	20.0
unknown6.63	6.63	68.9	ng	4272880	1	6.86	1240620	20.0
Decane	6.70	17.3	ng	1073460	1	6.86	1240620	20.0
Benzene, 2-etheny...	7.89	9.9	ng	1139770	2	8.15	2309610	20.0
Dodecane, 2,6,11-...	8.57	10.2	ng	1175410	2	8.15	2309610	20.0
Decahydro-4,4,8,9...	9.30	8.8	ng	1085230	3	9.90	2471900	20.0
Naphthalene, 2,6-...	9.49	15.4	ng	1906090	3	9.90	2471900	20.0
Naphthalene, 1,6-...	9.57	19.3	ng	2381440	3	9.90	2471900	20.0
Naphthalene, 2,3-...	9.68	9.1	ng	1118490	3	9.90	2471900	20.0
Naphthalene, 2,3,...	10.14	9.6	ng	1180210	3	9.90	2471900	20.0
Z-2-Tridecen-1-ol	10.56	12.2	ng	1509310	3	9.90	2471900	20.0
Tridecane, 5-propyl-	10.82	28.9	ng	2242000	4	11.38	1550330	20.0
4,4'-Dimethylbiph...	11.03	17.8	ng	1377260	4	11.38	1550330	20.0
2,2'-Dimethylbiph...	11.14	10.6	ng	819335	4	11.38	1550330	20.0
Triacontane	11.29	17.6	ng	1364340	4	11.38	1550330	20.0
Phenanthrene, 2-m...	11.91	9.8	ng	758171	4	11.38	1550330	20.0
Phenanthrene, 1-m...	11.99	10.8	ng	838523	4	11.38	1550330	20.0