

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091930.D
 Acq On : 23 Dec 2016 18:11
 Operator : UM/SJ
 Sample : H6238-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-002-COMP

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.910	243	247	254	rVV	1437042	2495513	25.66%	0.985%
2	5.378	286	288	291	rBV	5052598	5248622	53.96%	2.072%
3	5.481	295	297	299	rBV	328416	410624	4.22%	0.162%
4	5.561	302	304	309	rVB2	201762	419531	4.31%	0.166%
5	5.733	316	319	321	rBV2	363505	623509	6.41%	0.246%
6	5.881	329	332	334	rVB	518150	802097	8.25%	0.317%
7	5.939	334	337	339	rBV2	203487	457717	4.71%	0.181%
8	5.973	339	340	344	rVB2	782364	1242681	12.78%	0.491%
9	6.030	344	345	347	rBV	349346	502463	5.17%	0.198%
10	6.167	354	357	363	rBV4	551351	978374	10.06%	0.386%
11	6.259	363	365	367	rBV	814094	1074751	11.05%	0.424%
12	6.430	377	380	382	rVB	4121067	5007297	51.48%	1.977%
13	6.476	382	384	386	rBV	802446	1314516	13.51%	0.519%
14	6.521	386	388	391	rVB	4043383	5454980	56.08%	2.153%
15	6.590	391	394	396	rBV4	419225	660875	6.79%	0.261%
16	6.681	400	402	403	rBV2	346396	534060	5.49%	0.211%
17	6.739	405	407	411	rVB	1693256	2074011	21.32%	0.819%
18	6.807	411	413	414	rBV	479534	677865	6.97%	0.268%
19	6.841	414	416	417	rBV	407832	617066	6.34%	0.244%
20	6.899	419	421	423	rBV2	4001561	4429987	45.54%	1.749%
21	6.979	425	428	429	rBV2	645260	1219875	12.54%	0.482%
22	7.013	429	431	434	rVB	899648	1339474	13.77%	0.529%
23	7.093	436	438	440	rBV2	453152	832794	8.56%	0.329%
24	7.139	440	442	443	rBV	998408	1267502	13.03%	0.500%
25	7.162	443	444	448	rVB3	395990	569972	5.86%	0.225%
26	7.287	451	455	456	rBV2	2436799	4424235	45.49%	1.747%
27	7.310	456	457	462	rVB	2937825	3406829	35.03%	1.345%
28	7.390	462	464	466	rVB2	1533854	2320852	23.86%	0.916%
29	7.436	466	468	472	rBV3	703109	1744875	17.94%	0.689%
30	7.516	472	475	476	rBV3	846355	1350154	13.88%	0.533%
31	7.550	476	478	480	rVB2	1889324	2129529	21.89%	0.841%
32	7.596	480	482	484	rBV2	371884	752544	7.74%	0.297%
33	7.653	484	487	494	rBV6	1719331	5095059	52.38%	2.011%
34	7.767	495	497	502	rVB4	1592154	3294742	33.87%	1.301%

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35	7.859	502	505	507	rBV3	1286857	1672168	17.19%	0.660%
36	7.904	507	509	511	rBV2	1254709	2109479	21.69%	0.833%
37	7.939	511	512	513	rVB	600909	411923	4.23%	0.163%
38	7.973	513	515	516	rBV2	995389	1464241	15.05%	0.578%
39	8.030	517	520	521	rVB2	2419328	3196541	32.86%	1.262%
40	8.076	521	524	527	rVB4	999322	1986677	20.42%	0.784%
41	8.122	527	528	532	rVB4	976338	1642427	16.89%	0.648%
42	8.202	532	535	536	rBV3	892818	1684864	17.32%	0.665%
43	8.236	536	538	540	rVB2	1112342	1610744	16.56%	0.636%
44	8.327	542	546	548	rVB4	1764776	3217195	33.08%	1.270%
45	8.362	548	549	550	rBV	740459	611921	6.29%	0.242%
46	8.419	552	554	556	rVB	1730351	2047213	21.05%	0.808%
47	8.465	556	558	563	rBV3	4104383	8468733	87.07%	3.343%
48	8.545	563	565	566	rBV2	1424977	1907095	19.61%	0.753%
49	8.579	566	568	571	rBV4	1061093	2274678	23.39%	0.898%
50	8.636	571	573	574	rBV2	771848	1447429	14.88%	0.571%
51	8.727	579	581	583	rVB3	2300343	3200914	32.91%	1.264%
52	8.785	583	586	587	rBV2	1040430	2208056	22.70%	0.872%
53	8.865	588	593	597	rVV4	2025899	5426783	55.79%	2.142%
54	8.945	599	600	602	rVB2	1911540	2018497	20.75%	0.797%
55	9.070	608	611	613	rBV2	6270853	8433621	86.71%	3.329%
56	9.116	613	615	617	rVV	3089765	4185663	43.03%	1.652%
57	9.196	619	622	625	rVV5	1929542	4179381	42.97%	1.650%
58	9.265	626	628	629	rVV2	2275108	2955519	30.39%	1.167%
59	9.322	631	633	635	rVV2	1259982	1660962	17.08%	0.656%
60	9.379	635	638	640	rVV3	2312241	4326055	44.48%	1.708%
61	9.459	640	645	646	rVV	4583910	8523439	87.63%	3.365%
62	9.527	648	651	652	rVV3	6007022	8647551	88.90%	3.414%
63	9.573	652	655	657	rVV2	2318358	4049298	41.63%	1.599%
64	9.653	661	662	665	rVB2	1643699	1742408	17.91%	0.688%
65	9.699	665	666	668	rVB2	1976143	1645539	16.92%	0.650%
66	9.790	671	674	675	rBV3	1979849	3543223	36.43%	1.399%
67	9.836	675	678	682	rBV5	1027036	2499902	25.70%	0.987%
68	9.905	682	684	686	rVB	2479770	3296090	33.89%	1.301%
69	9.939	686	687	689	rBV2	1067168	1668238	17.15%	0.659%
70	9.996	689	692	694	rBV	3409825	3834636	39.42%	1.514%
71	10.042	694	696	700	rVB3	2343590	5230278	53.77%	2.065%

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72	10.110	700	702	703	rBV	2771259	3122105	32.10%	1.233%
73	10.202	708	710	713	rVV2	1863861	3820653	39.28%	1.508%
74	10.282	715	717	719	rVB2	1176802	1348807	13.87%	0.532%
75	10.328	719	721	722	rBV2	1555543	1824849	18.76%	0.720%
76	10.396	725	727	728	rVV2	1390535	1915144	19.69%	0.756%
77	10.453	730	732	734	rVV	5173224	5785331	59.48%	2.284%
78	10.488	734	735	738	rVB3	1466978	2496424	25.67%	0.986%
79	10.579	742	743	745	rVB2	1571234	1694336	17.42%	0.669%
80	10.716	752	755	758	rVB2	5634129	9726789	100.00%	3.840%
81	10.773	758	760	763	rBV4	966414	1560986	16.05%	0.616%
82	10.910	771	772	775	rVB3	1457730	2116070	21.76%	0.835%
83	11.185	793	796	798	rVB	4237389	6441636	66.23%	2.543%
84	11.288	801	805	812	rVB4	1244714	3544788	36.44%	1.399%
85	11.528	823	826	830	rVB2	1656919	2937166	30.20%	1.160%
86	11.596	830	832	838	rVB4	929857	2430660	24.99%	0.960%
87	11.768	845	847	848	rBV	1052349	1200567	12.34%	0.474%
88	11.802	848	850	852	rVB	1408271	1646930	16.93%	0.650%
89	11.882	855	857	861	rVB3	1422671	2834536	29.14%	1.119%
90	12.213	883	886	887	rBV2	814765	1190581	12.24%	0.470%
91	12.248	887	889	892	rVB	1256703	2010403	20.67%	0.794%
92	12.316	893	895	897	rBV	1272132	1337201	13.75%	0.528%
93	12.762	932	934	937	rVV	627638	632916	6.51%	0.250%
94	12.842	939	941	946	rVB	2638200	3356042	34.50%	1.325%
95	12.979	951	953	955	rBV	561574	443922	4.56%	0.175%
96	13.128	964	966	972	rVB4	343828	689310	7.09%	0.272%
97	13.745	1018	1020	1024	rVB2	303469	430510	4.43%	0.170%
98	13.894	1030	1033	1039	rVB2	921911	1501478	15.44%	0.593%
99	14.888	1118	1120	1124	rVB	218593	428380	4.40%	0.169%
100	15.288	1152	1155	1156	rBV	782115	1038060	10.67%	0.410%

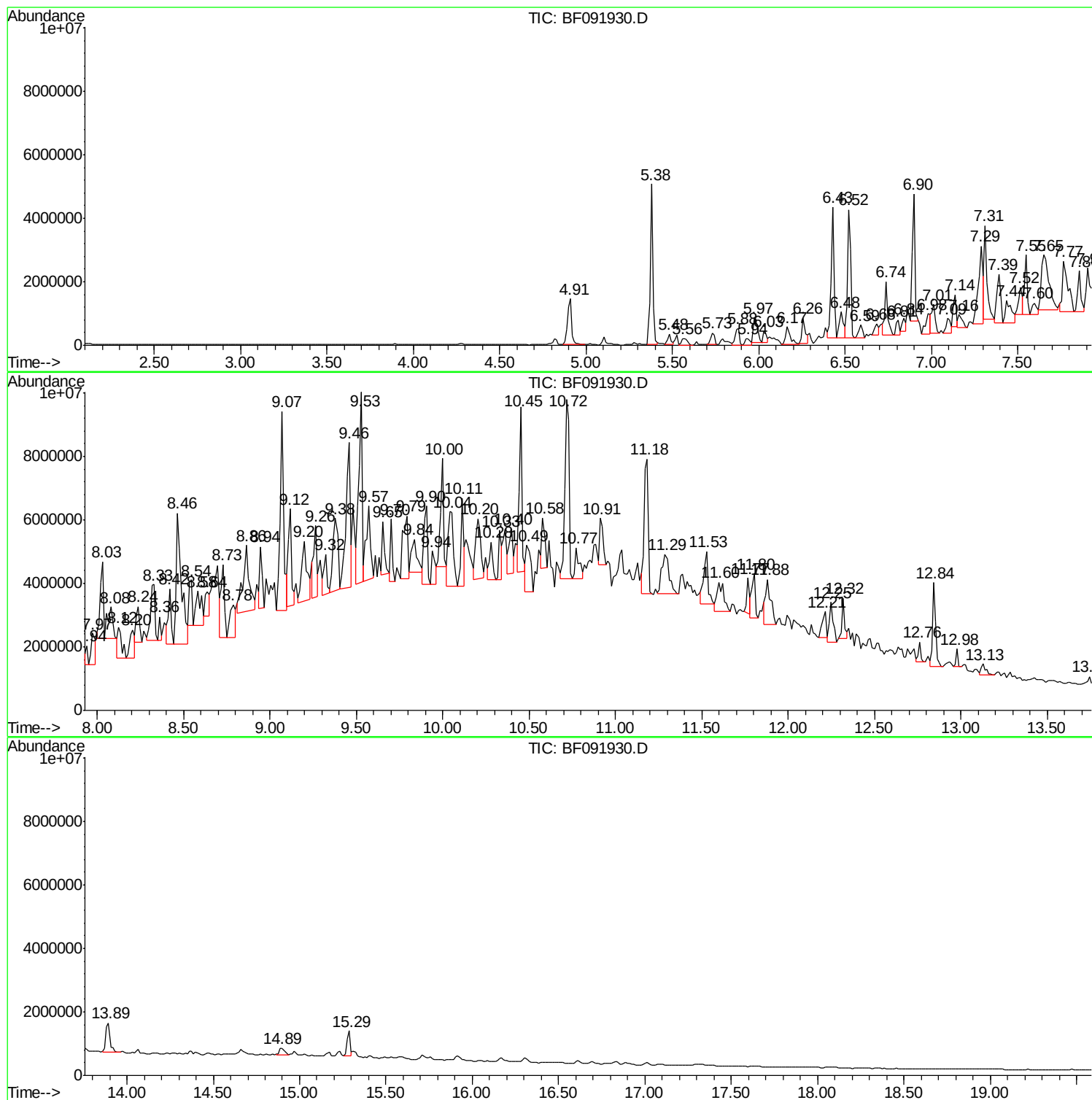
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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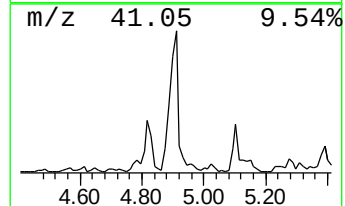
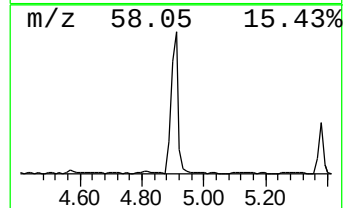
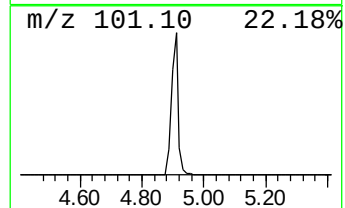
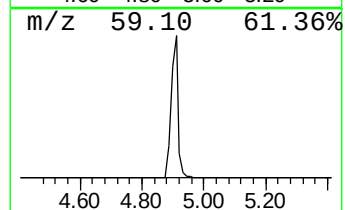
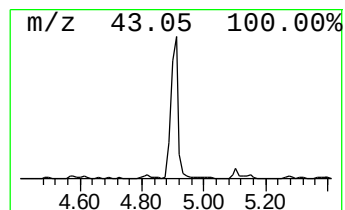
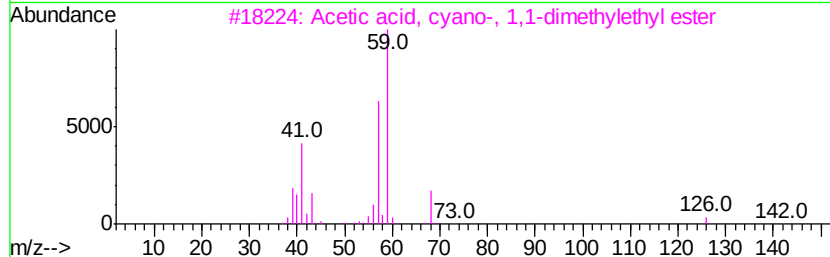
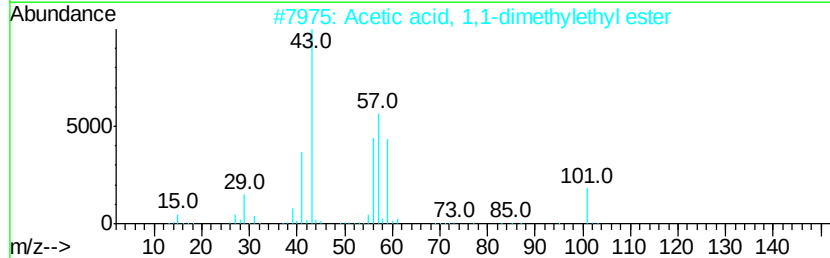
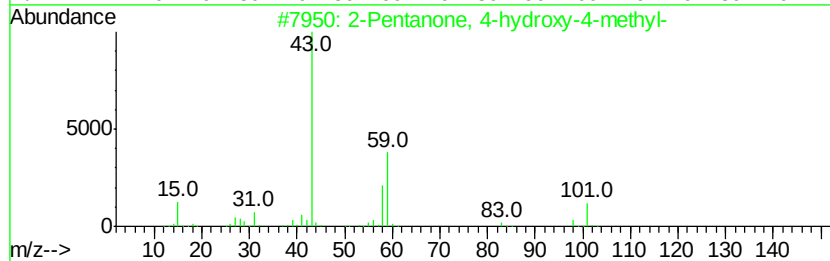
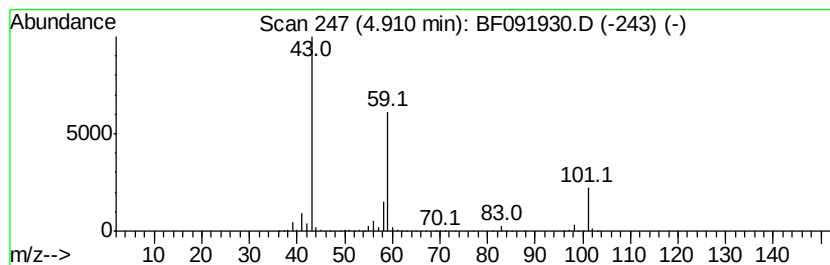
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	24.06 ng	2495510	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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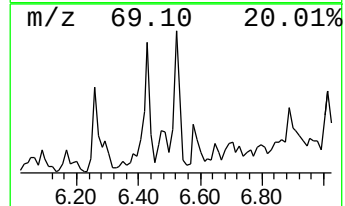
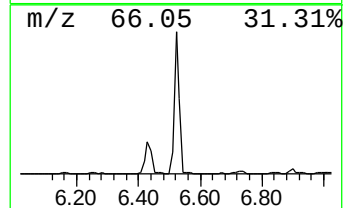
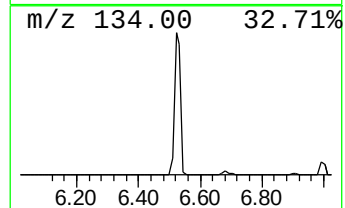
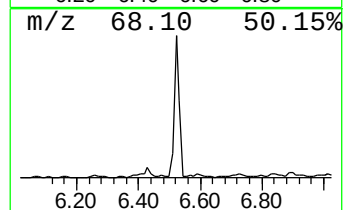
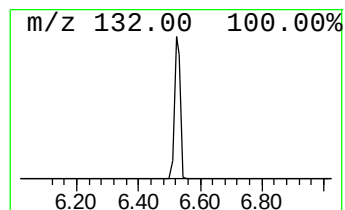
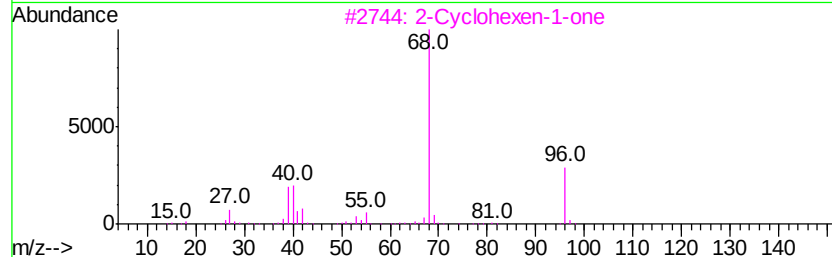
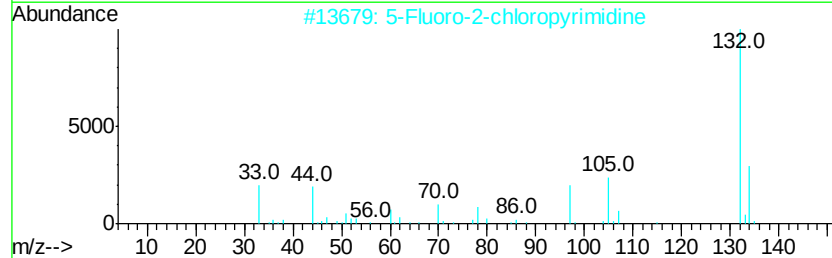
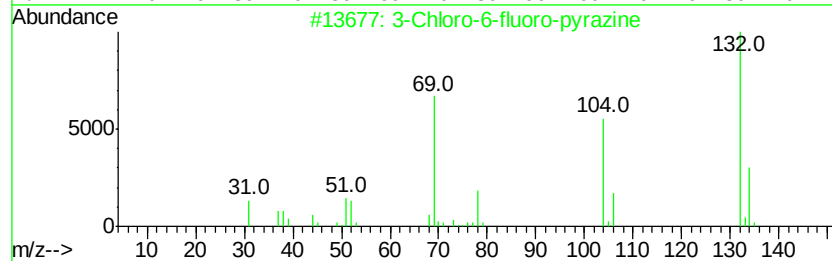
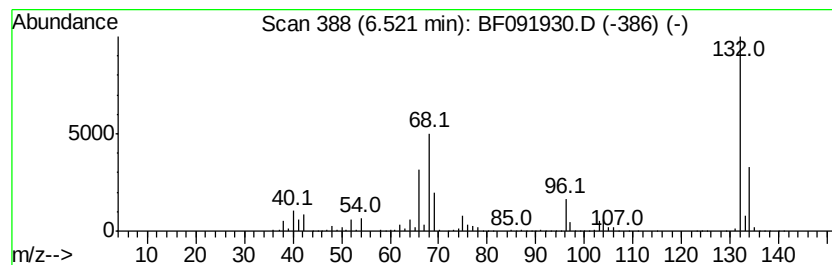
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	52.60 ng	5454980	1,4-Dichlorobenzene-d4	6.74

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	12
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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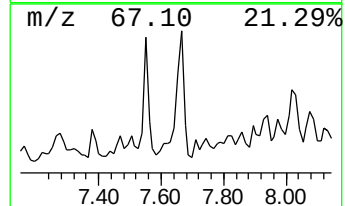
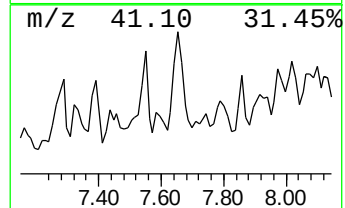
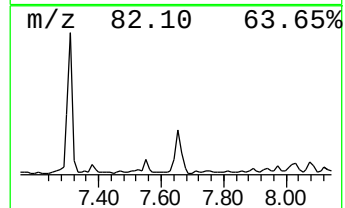
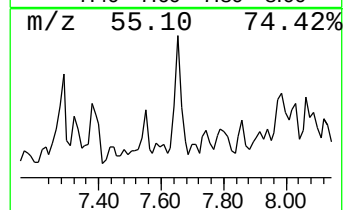
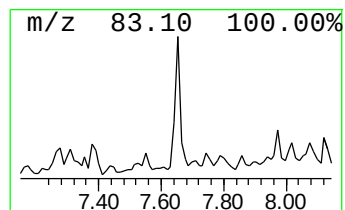
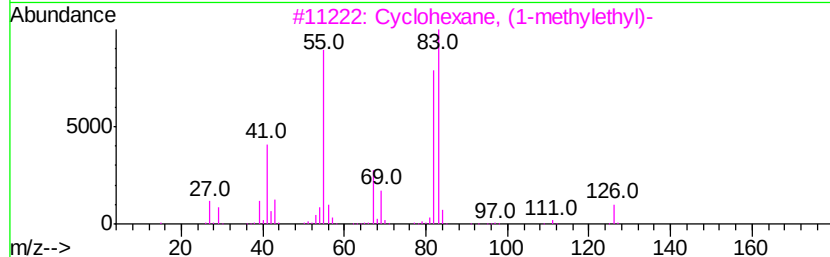
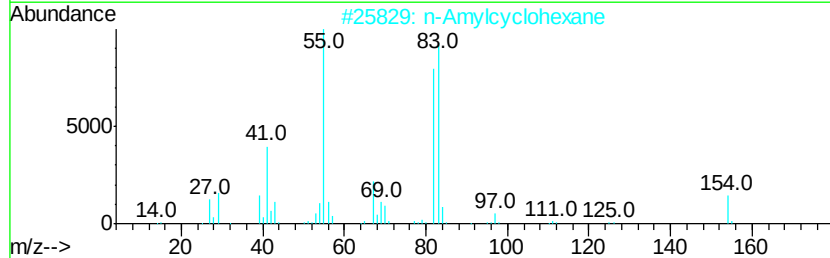
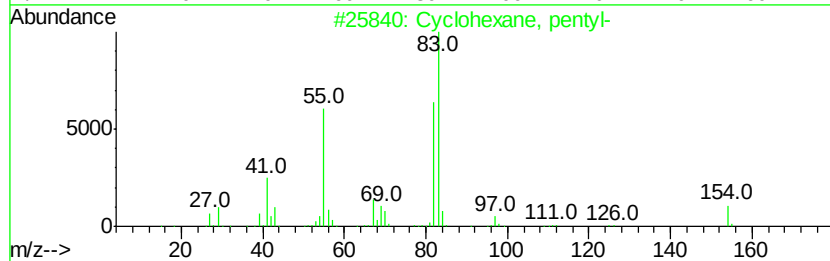
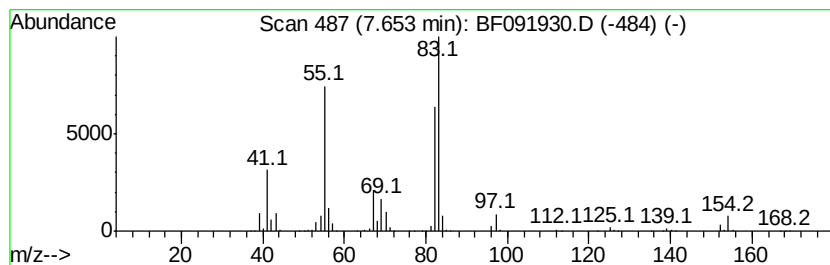
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Peak Number 4 Cyclohexane, pentyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.65	31.88 ng	5095060	Napthalene-d8	8.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2	n-Amylcyclohexane	154	C11H22	029949-27-7	91
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	86
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	83
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
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Acq On : 23 Dec 2016 18:11
Operator : UM/SJ
Sample : H6238-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-002-COMP

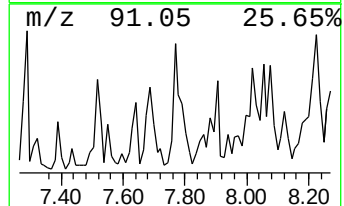
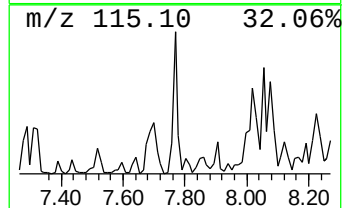
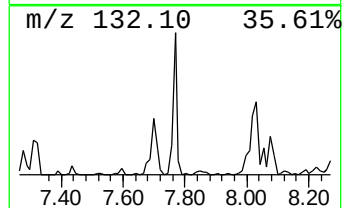
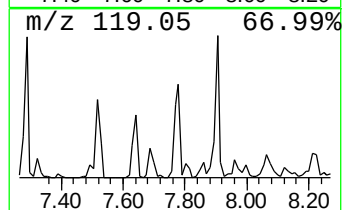
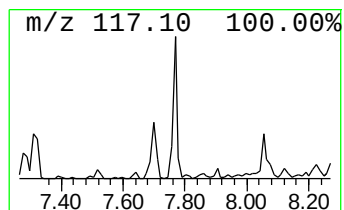
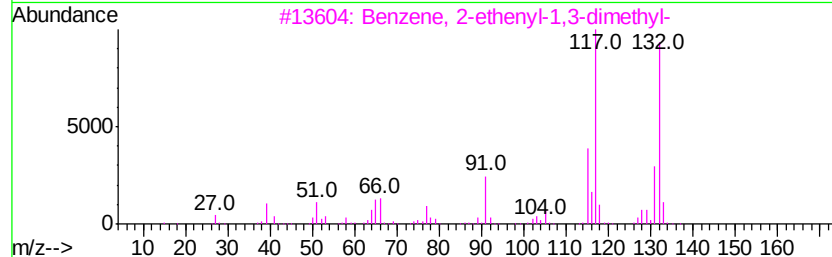
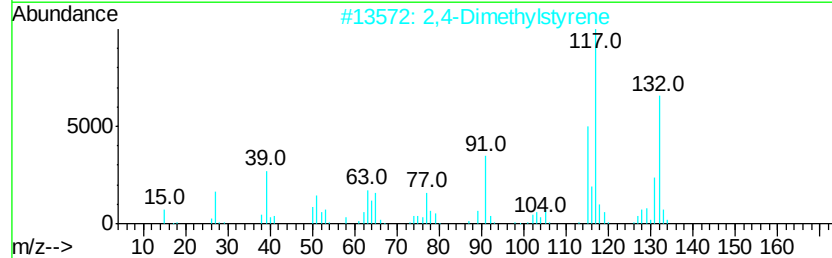
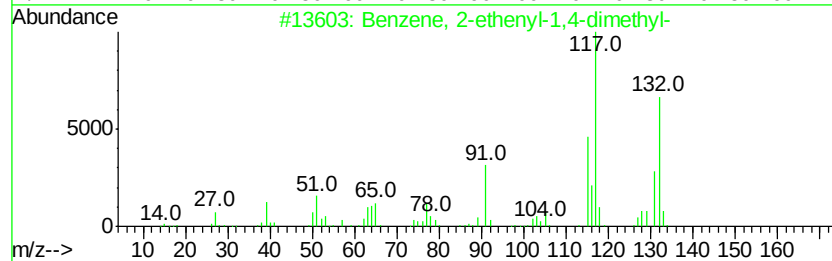
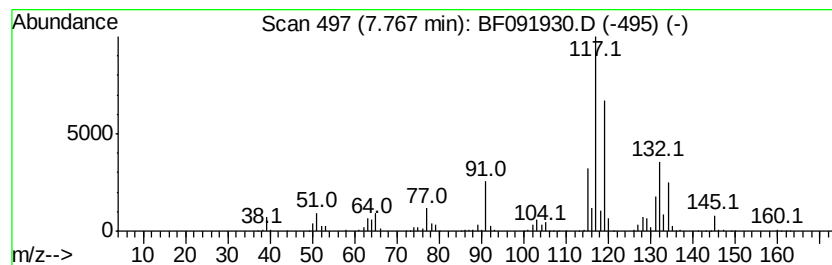
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	20.61 ng	3294740	Naphthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091930.D
Acq On : 23 Dec 2016 18:11
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Sample : H6238-07
Misc :
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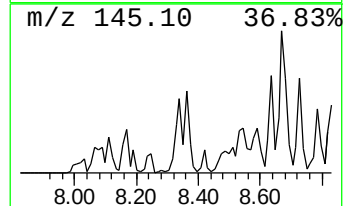
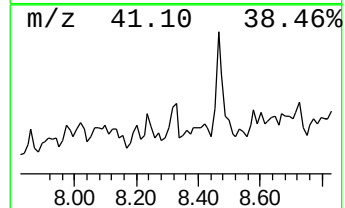
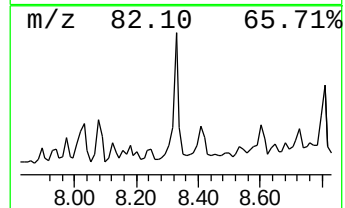
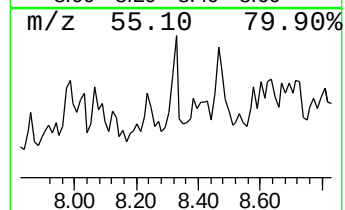
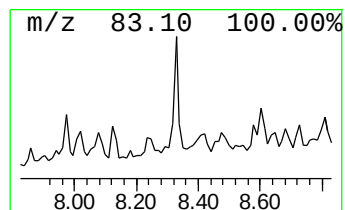
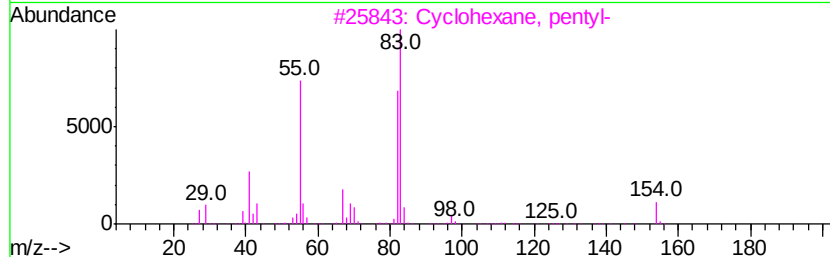
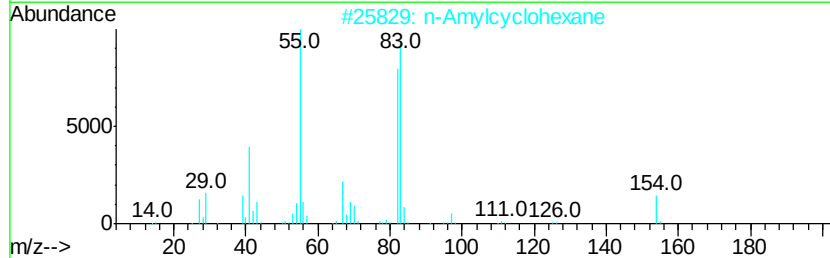
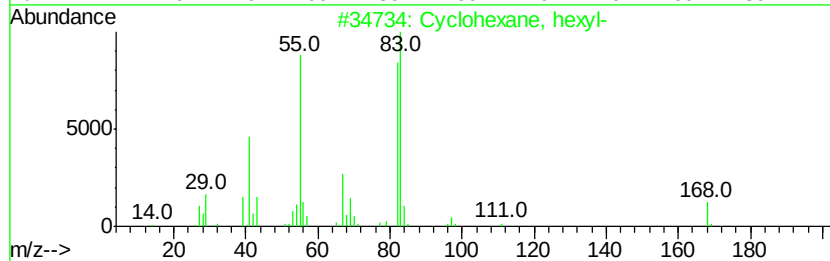
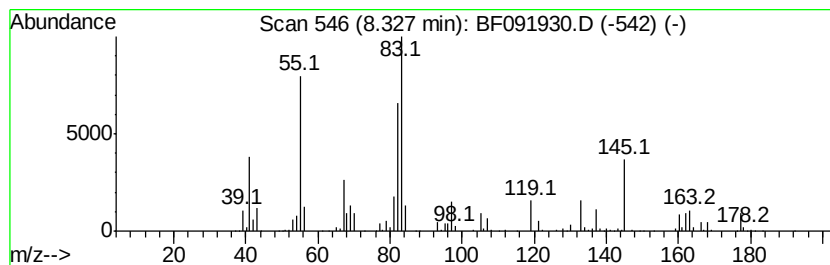
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	20.13 ng	3217200	Napthalene-d8	8.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, hexyl-	168 C12H24	004292-75-5 53
2		n-Amylcyclohexane	154 C11H22	029949-27-7 50
3		Cyclohexane, pentyl-	154 C11H22	004292-92-6 50
4		Cyclohexane, butyl-	140 C10H20	001678-93-9 50
5		Cyclohexane, octyl-	196 C14H28	001795-15-9 50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091930.D
Acq On : 23 Dec 2016 18:11
Operator : UM/SJ
Sample : H6238-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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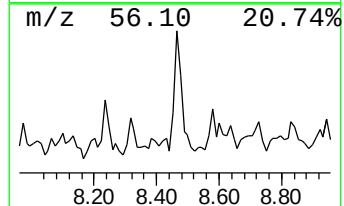
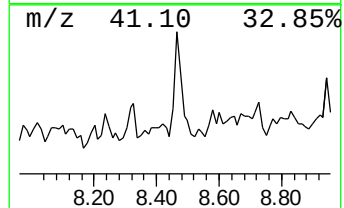
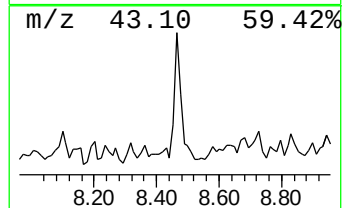
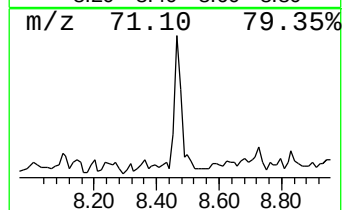
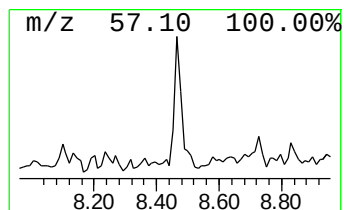
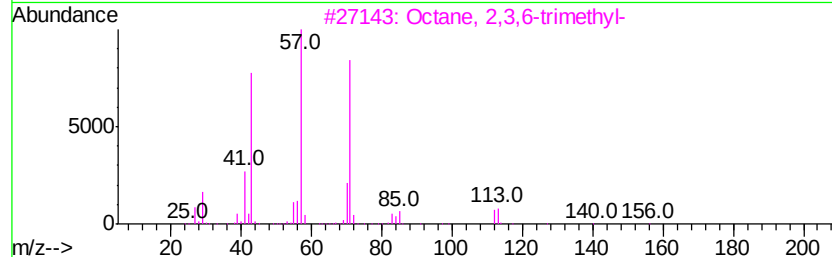
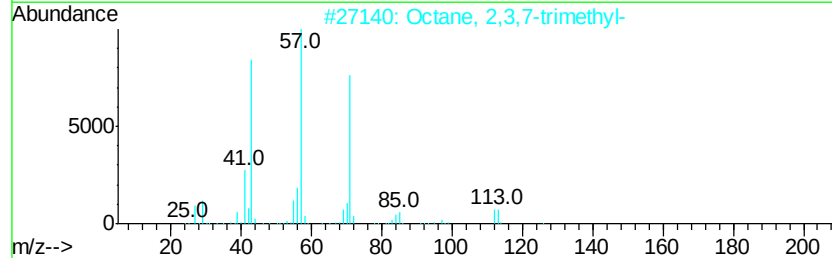
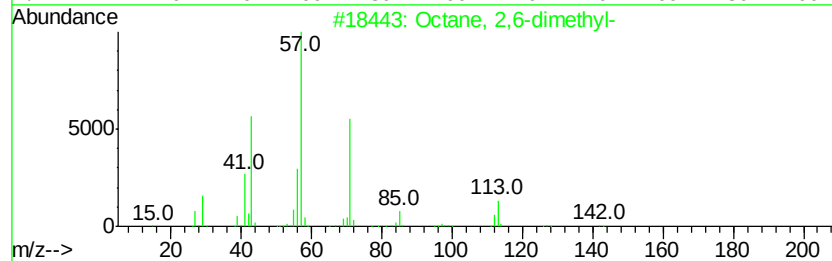
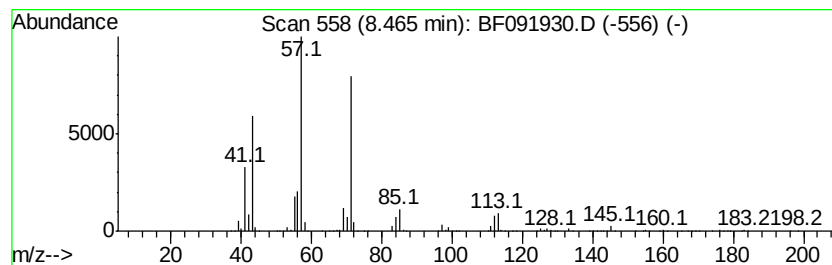
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	52.99 ng	8468730	Napthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
4		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	64
5		Heptacosane	380	C27H56	000593-49-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
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Acq On : 23 Dec 2016 18:11
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Sample : H6238-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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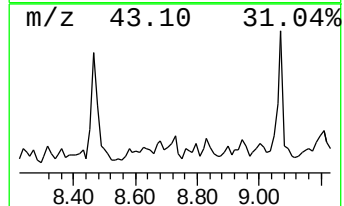
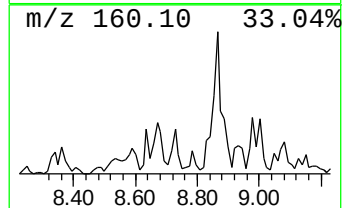
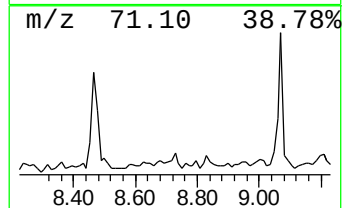
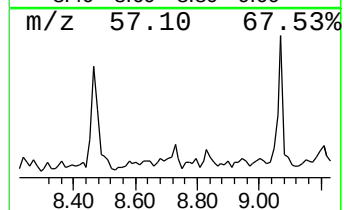
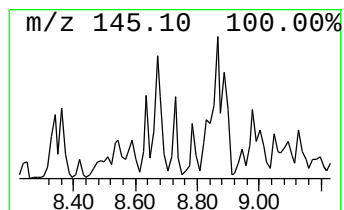
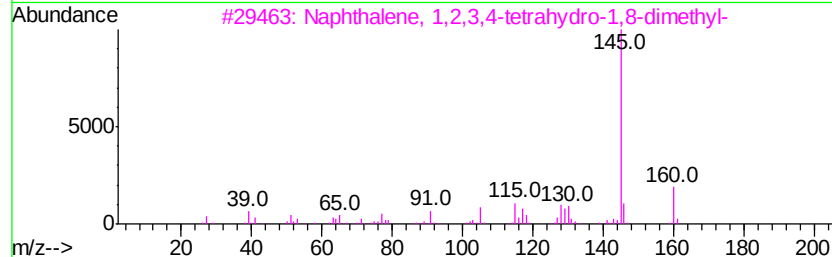
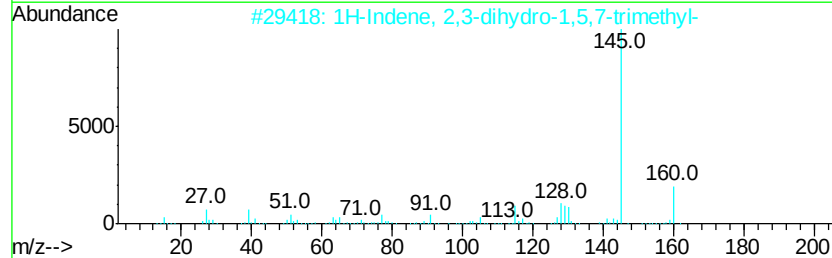
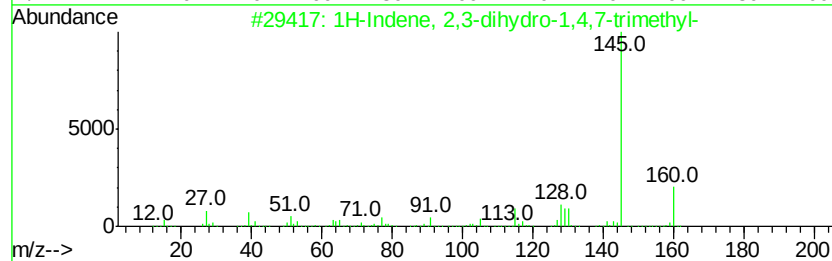
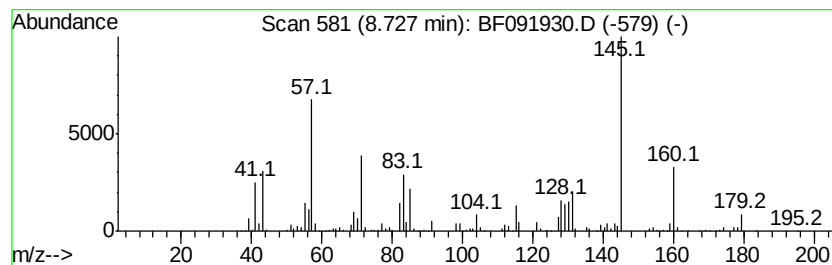
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	20.03 ng	3200910	Naphthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	55
2		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	55
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49
4		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	49
5		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
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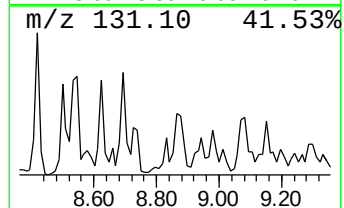
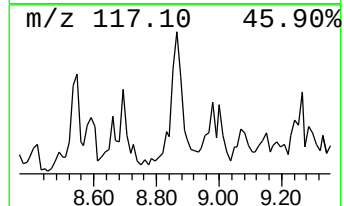
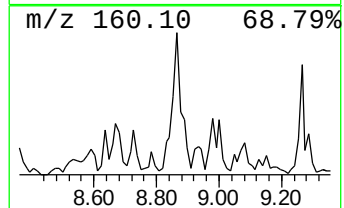
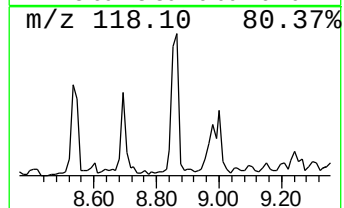
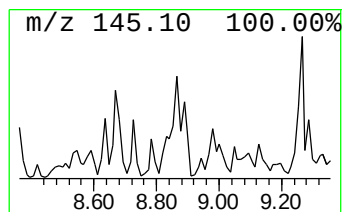
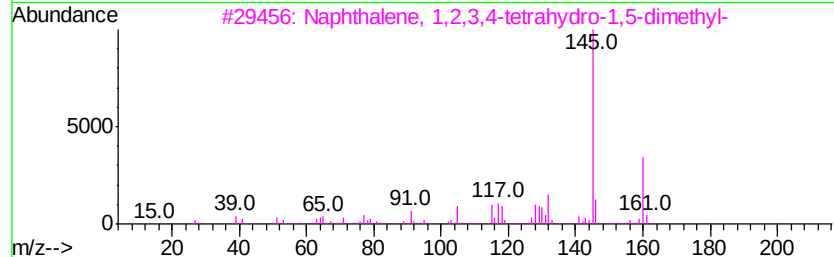
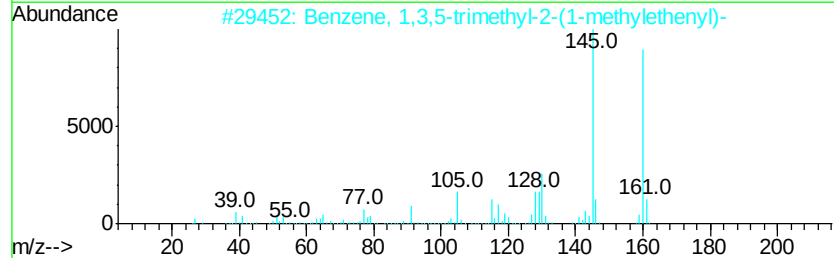
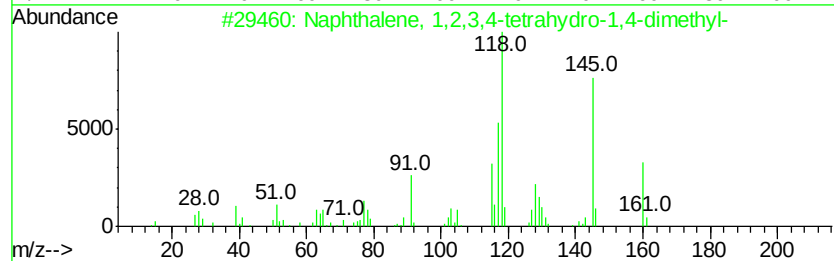
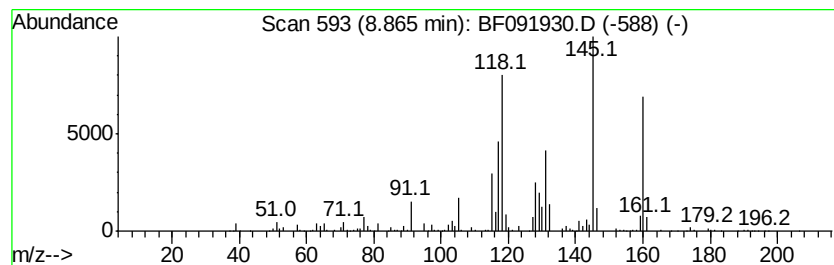
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	33.95 ng	5426780	Naphthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
4		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
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Sample : H6238-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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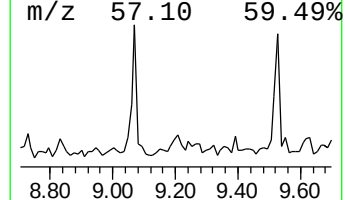
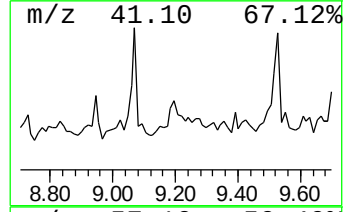
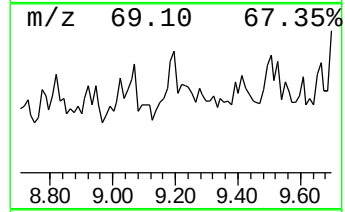
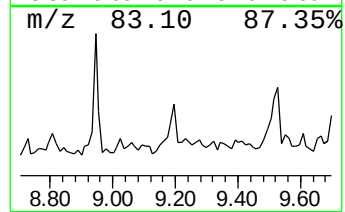
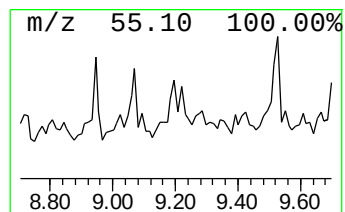
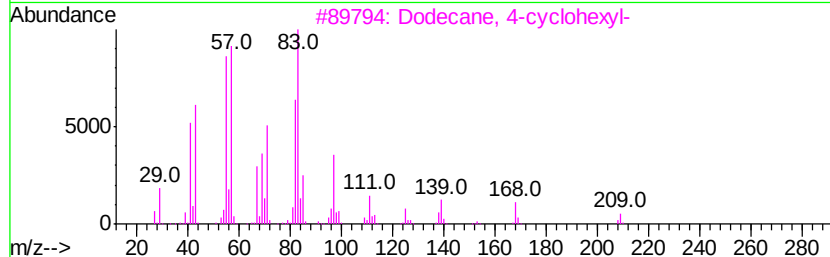
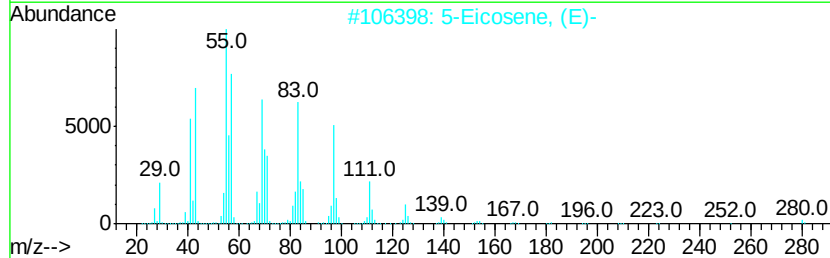
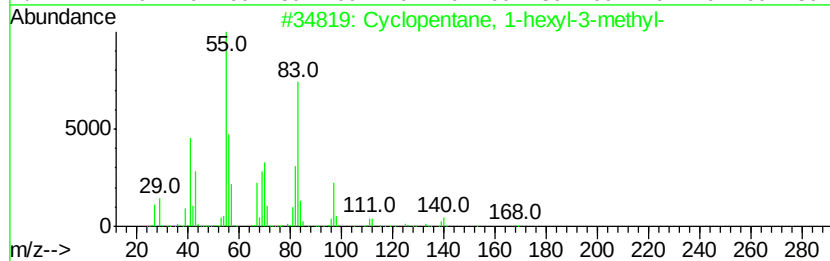
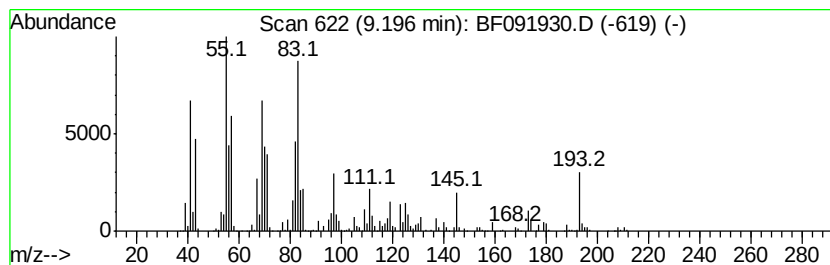
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopentane, 1-hexyl-3-met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	23.59 ng	4179380	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	83
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	50
3		Dodecane, 4-cyclohexyl-	252	C18H36	013151-84-3	50
4		5-Octadecene, (E)-	252	C18H36	007206-21-5	43
5		3-Trifluoroacetoxytetradecane	310	C16H29F3O2	1000245-47-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
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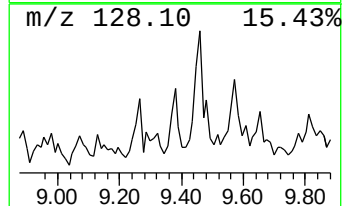
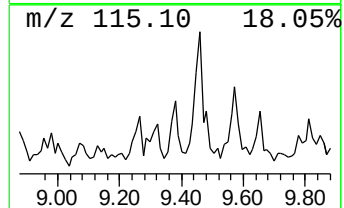
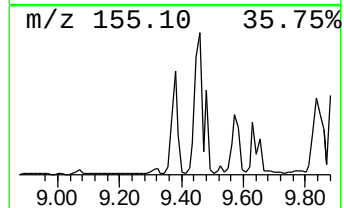
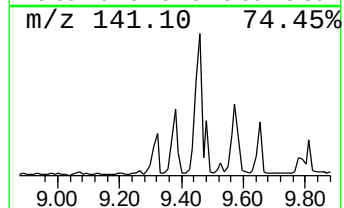
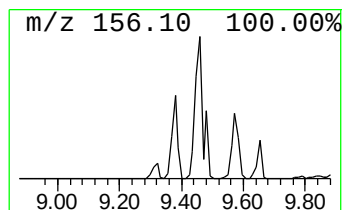
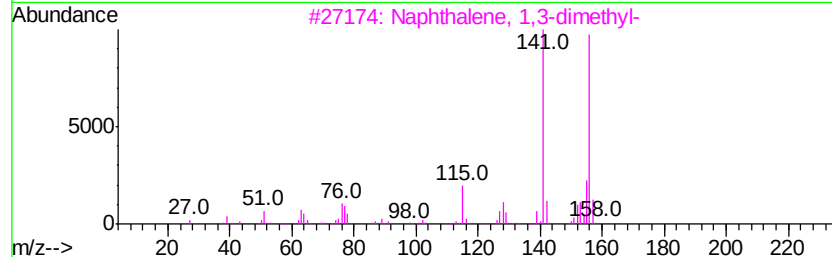
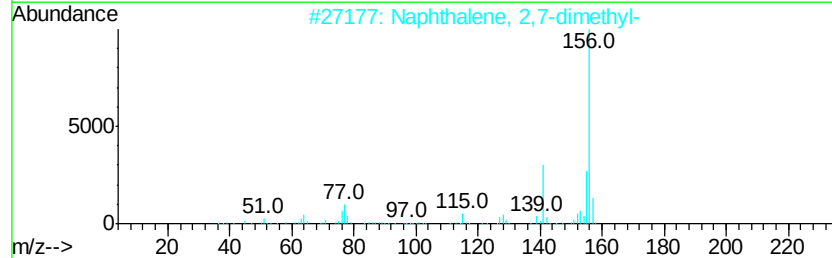
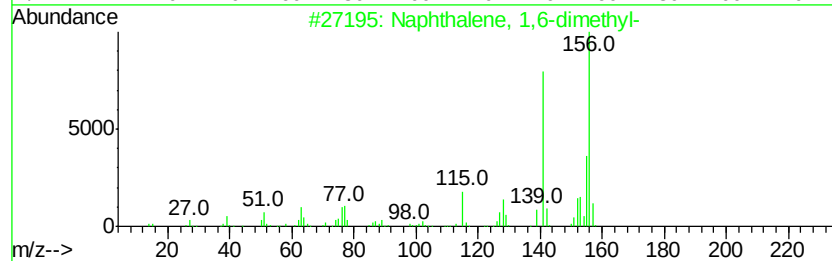
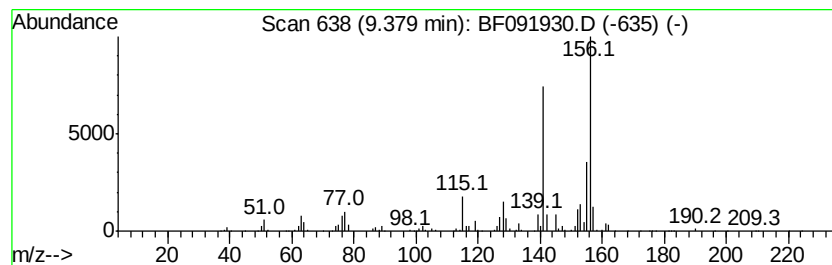
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	24.42 ng	4326060	Acenaphthene-d10	9.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091930.D
Acq On : 23 Dec 2016 18:11
Operator : UM/SJ
Sample : H6238-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-002-COMP

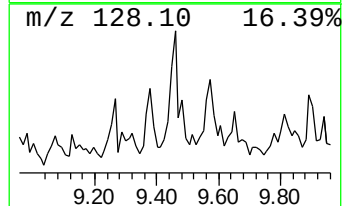
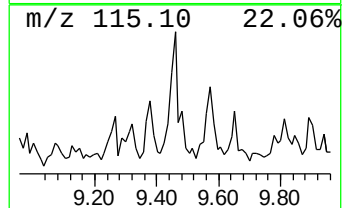
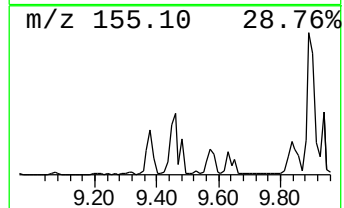
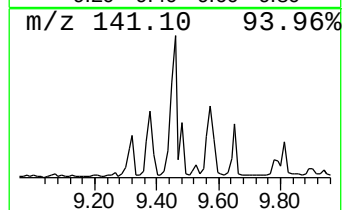
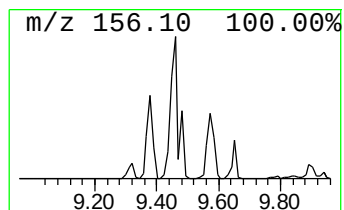
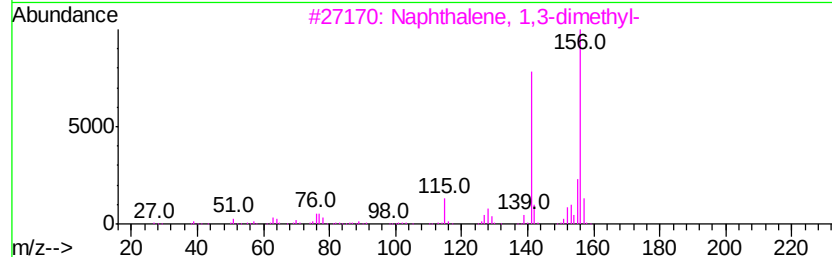
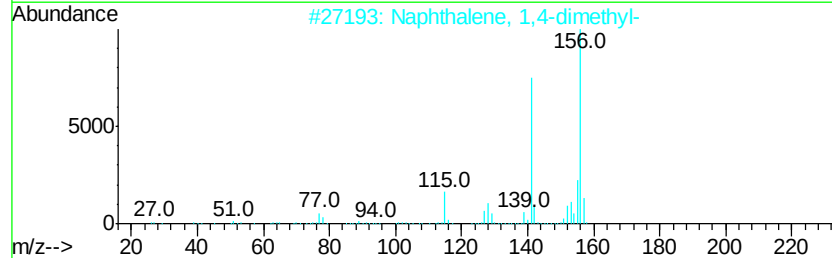
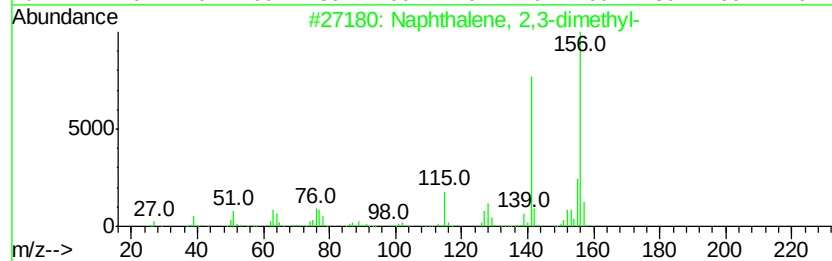
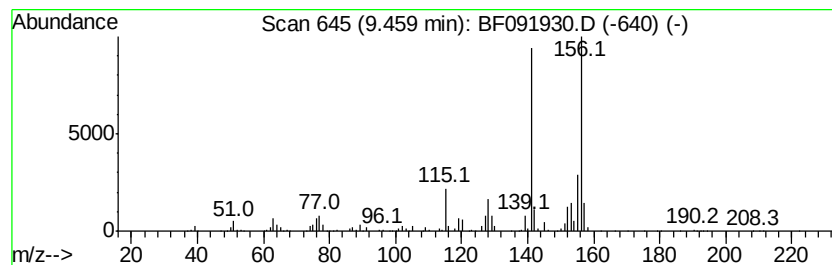
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	48.11 ng	8523440	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091930.D
Acq On : 23 Dec 2016 18:11
Operator : UM/SJ
Sample : H6238-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-002-COMP

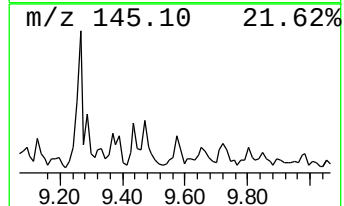
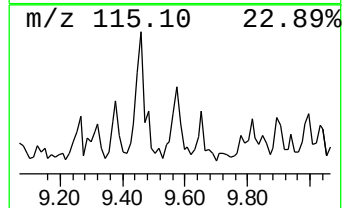
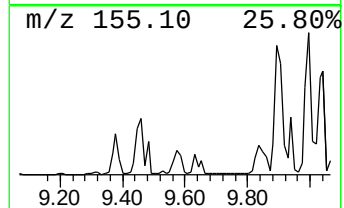
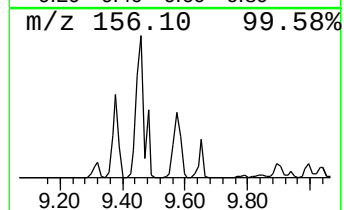
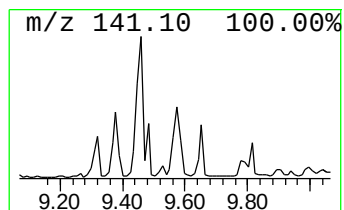
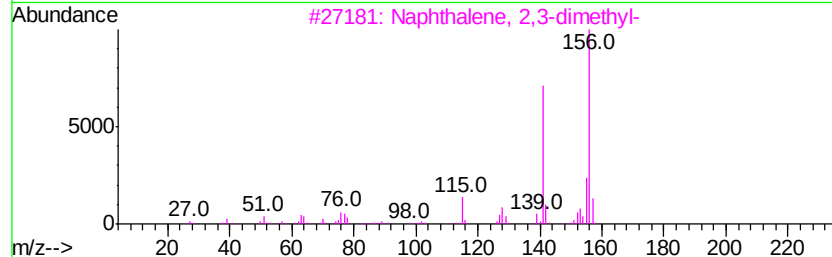
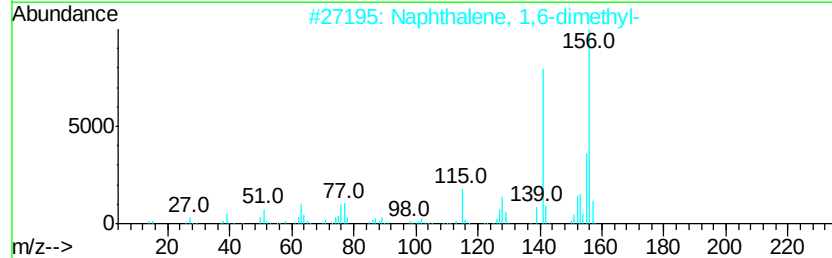
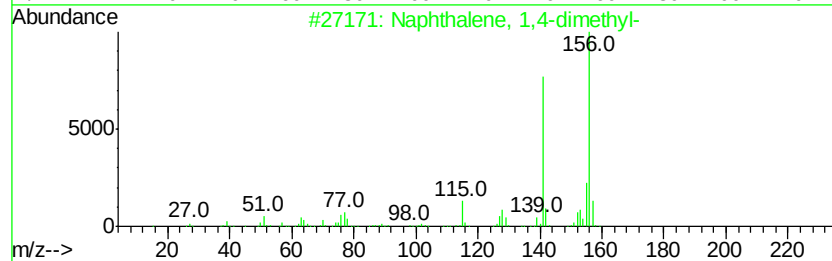
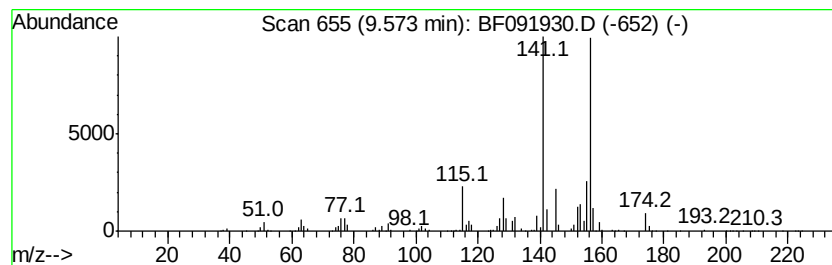
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	22.86 ng	4049300	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091930.D
Acq On : 23 Dec 2016 18:11
Operator : UM/SJ
Sample : H6238-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-002-COMP

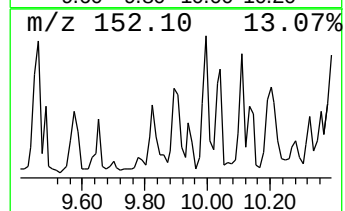
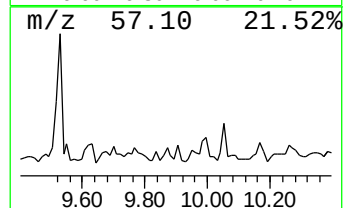
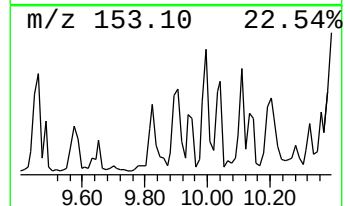
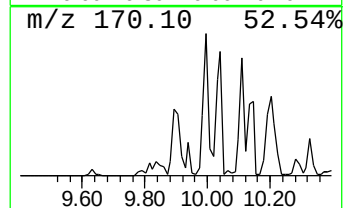
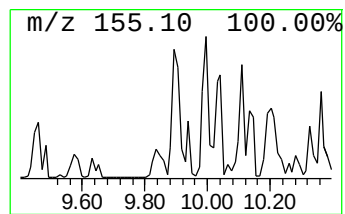
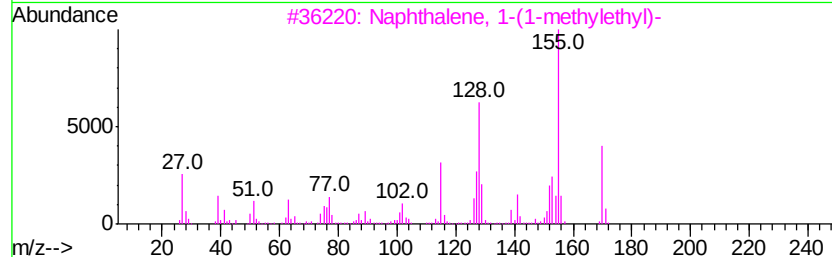
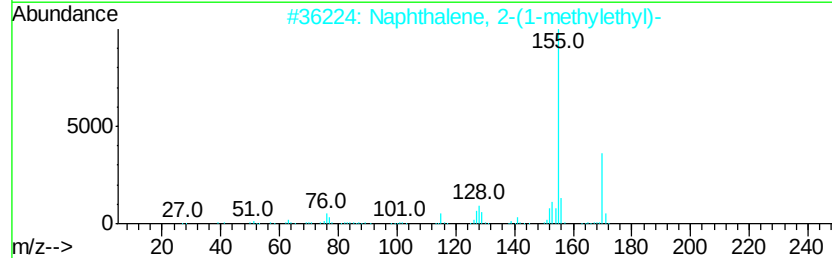
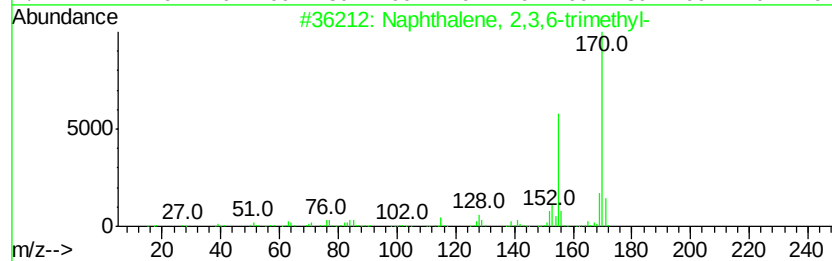
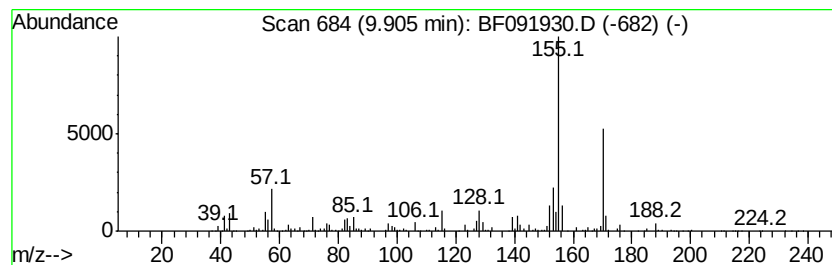
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	18.61 ng	3296090	Acenaphthene-d10	9.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	90
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091930.D
Acq On : 23 Dec 2016 18:11
Operator : UM/SJ
Sample : H6238-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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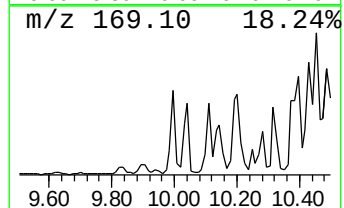
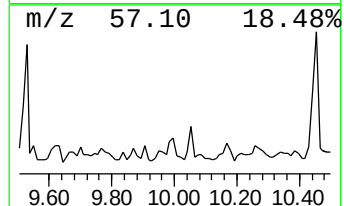
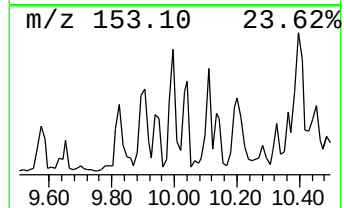
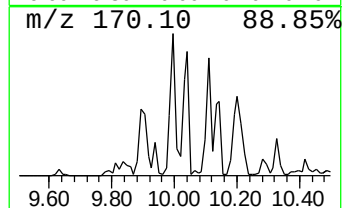
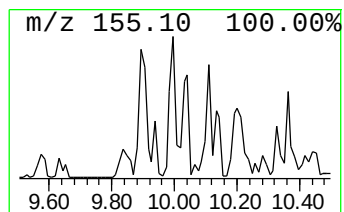
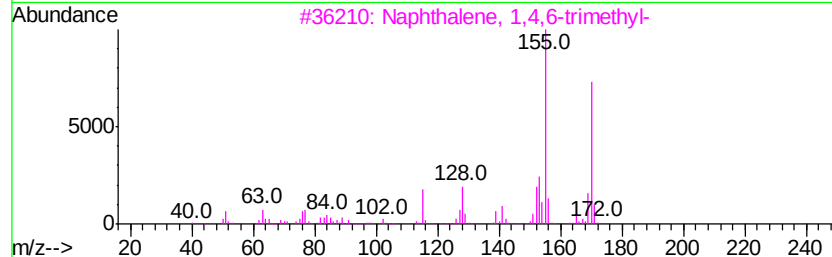
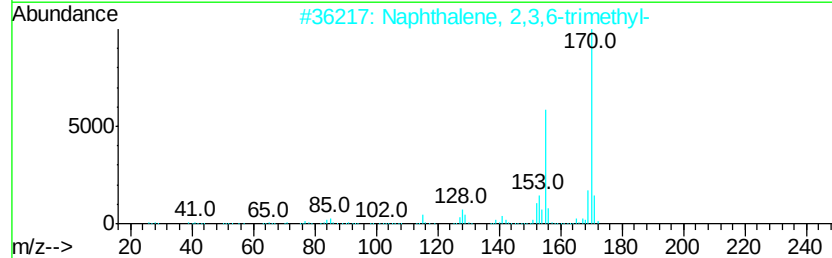
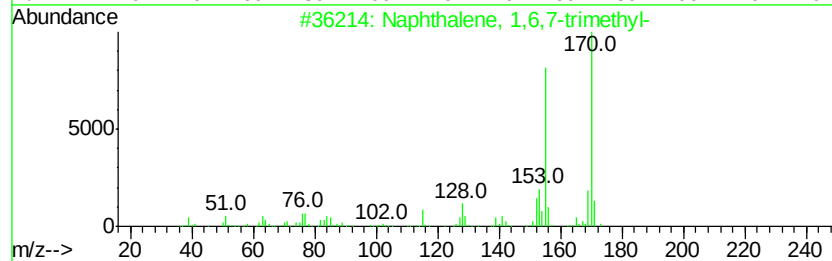
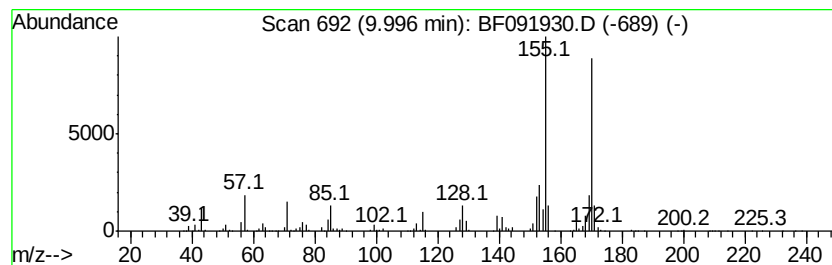
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	21.64 ng	3834640	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
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Acq On : 23 Dec 2016 18:11
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Misc :
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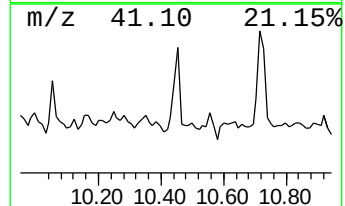
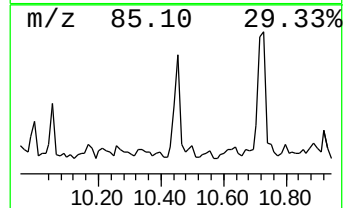
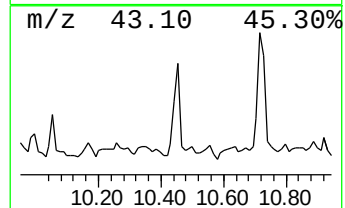
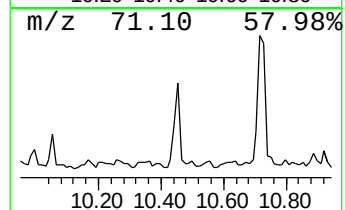
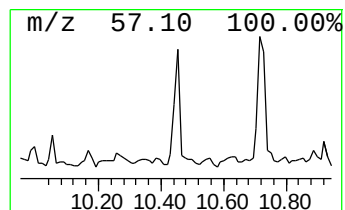
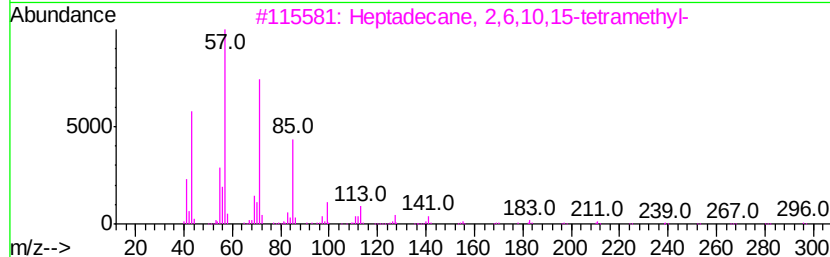
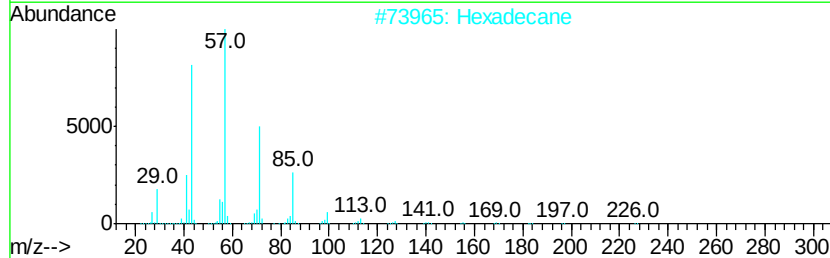
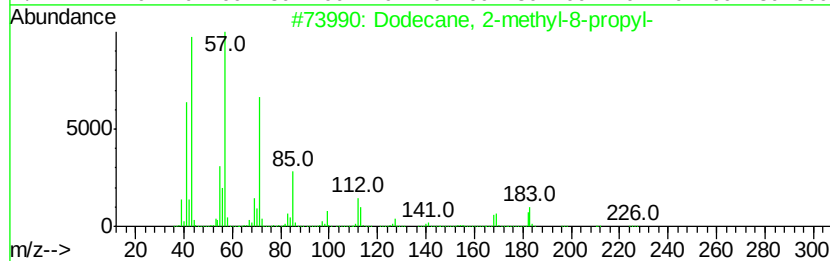
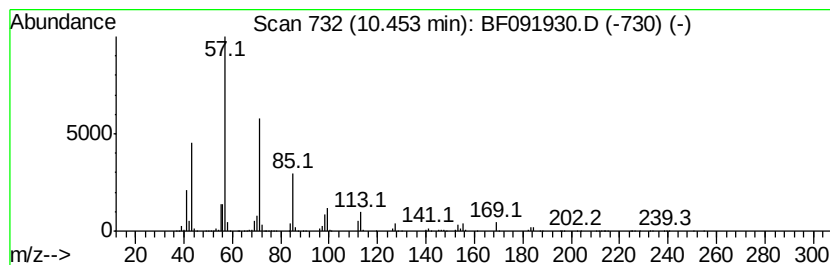
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl-8-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	32.66 ng	5785330	Acenaphthene-d10	9.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-8-propyl-	226 C16H34	055045-07-3	72
2	Hexadecane	226 C16H34	000544-76-3	70
3	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	64
4	Tridecane	184 C13H28	000629-50-5	64
5	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091930.D
Acq On : 23 Dec 2016 18:11
Operator : UM/SJ
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ClientSampleId :
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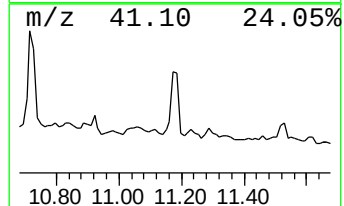
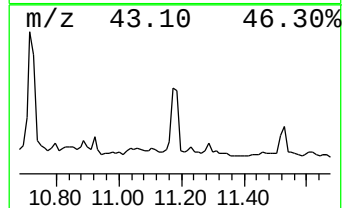
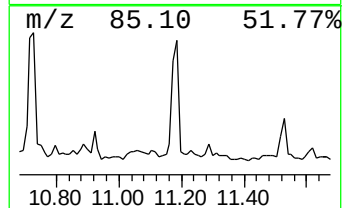
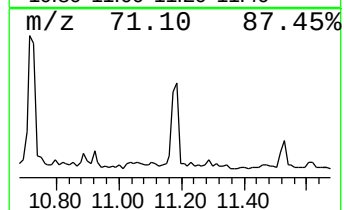
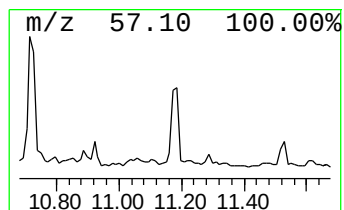
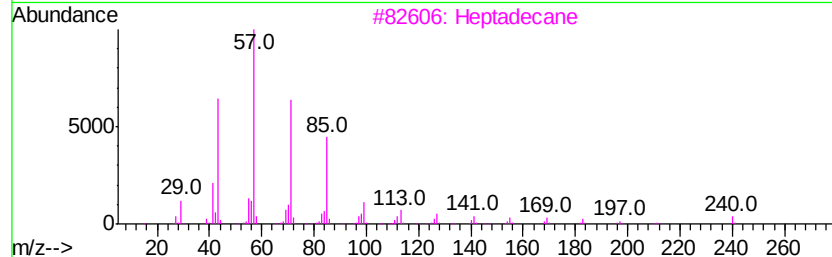
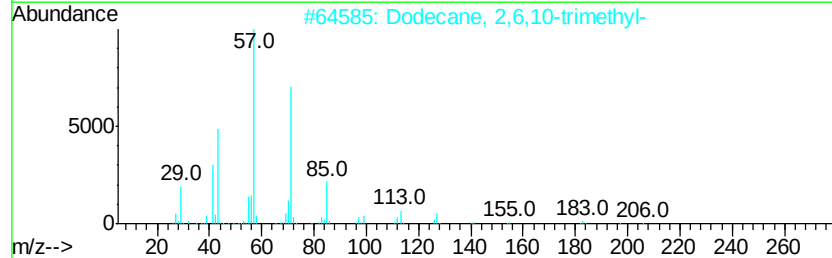
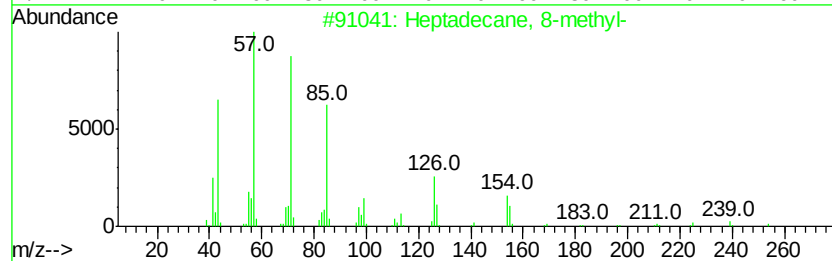
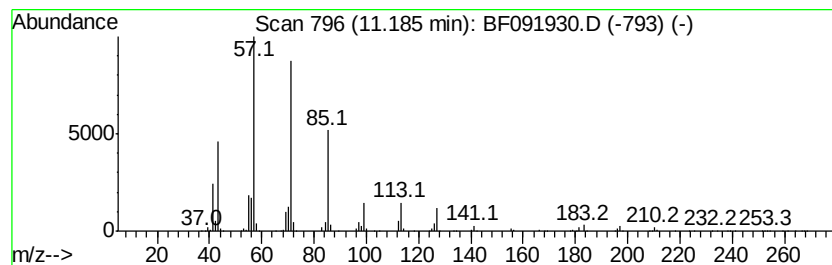
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 8-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	36.34 ng	6441640	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Heptadecane	240	C17H36	000629-78-7	64
4		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
5		Decane, 3-methyl-	156	C11H24	013151-34-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091930.D
 Acq On : 23 Dec 2016 18:11
 Operator : UM/SJ
 Sample : H6238-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.52	6.52	52.6	ng	5454980	1	6.74	2074010	20.0
Cyclohexane, pentyl-	7.65	31.9	ng	5095060	2	8.03	3196540	20.0
Benzene, 2-etheny...	7.77	20.6	ng	3294740	2	8.03	3196540	20.0
Cyclohexane, hexyl-	8.33	20.1	ng	3217200	2	8.03	3196540	20.0
Octane, 2,6-dimet...	8.46	53.0	ng	8468730	2	8.03	3196540	20.0
1H-Indene, 2,3-di...	8.73	20.0	ng	3200910	2	8.03	3196540	20.0
Naphthalene, 1,2,...	8.86	34.0	ng	5426780	2	8.03	3196540	20.0
Cyclopentane, 1-h...	9.20	23.6	ng	4179380	3	9.79	3543220	20.0
Naphthalene, 1,6-...	9.38	24.4	ng	4326060	3	9.79	3543220	20.0
Naphthalene, 2,3-...	9.46	48.1	ng	8523440	3	9.79	3543220	20.0
Naphthalene, 1,4-...	9.57	22.9	ng	4049300	3	9.79	3543220	20.0
Naphthalene, 2,3,...	9.90	18.6	ng	3296090	3	9.79	3543220	20.0
Naphthalene, 1,6,...	10.00	21.6	ng	3834640	3	9.79	3543220	20.0
Dodecane, 2-methy...	10.45	32.7	ng	5785330	3	9.79	3543220	20.0
Heptadecane, 8-me...	11.18	36.3	ng	6441640	4	11.28	3544790	20.0