

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084556.D
 Acq On : 19 Jan 2016 17:06
 Operator : SJ/UM
 Sample : H1169-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-003(0-2)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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	4.796	232	237	239	rBV	235981	278238	4.66%	0.215%
2	4.887	239	245	249	rBV2	297285	624523	10.45%	0.483%
3	4.967	249	252	259	rBV	2108042	3305919	55.32%	2.554%
4	5.161	267	269	271	rBV	393338	515581	8.63%	0.398%
5	5.253	276	277	282	rVB2	193835	398266	6.66%	0.308%
6	5.356	282	286	288	rBV2	395608	837042	14.01%	0.647%
7	5.401	288	290	292	rVB	4626388	5178157	86.65%	4.001%
8	5.539	300	302	304	rBV	227756	304054	5.09%	0.235%
9	5.584	304	306	307	rVB	432165	349009	5.84%	0.270%
10	5.630	307	310	313	rVB3	227945	445287	7.45%	0.344%
11	5.687	313	315	318	rBV	429669	441082	7.38%	0.341%
12	5.790	321	324	327	rBV2	502003	769046	12.87%	0.594%
13	5.847	327	329	334	rBV3	213603	534165	8.94%	0.413%
14	5.939	334	337	339	rVB2	555862	775682	12.98%	0.599%
15	5.984	339	341	344	rBV2	225114	458924	7.68%	0.355%
16	6.030	344	345	348	rVB	1031687	1244487	20.82%	0.961%
17	6.087	348	350	352	rBV	421212	414982	6.94%	0.321%
18	6.224	359	362	364	rBV2	534528	747495	12.51%	0.578%
19	6.316	369	370	374	rVB3	470954	764238	12.79%	0.590%
20	6.384	374	376	378	rBV	448904	468081	7.83%	0.362%
21	6.442	378	381	383	rBV	4977787	5731429	95.90%	4.428%
22	6.533	387	389	390	rBV	333556	489169	8.19%	0.378%
23	6.567	390	392	394	rVB	4752088	5366959	89.81%	4.147%
24	6.636	394	398	400	rVB3	709610	1184134	19.81%	0.915%
25	6.739	404	407	408	rBV3	145306	273426	4.58%	0.211%
26	6.796	410	412	415	rVB2	1247456	2137901	35.77%	1.652%
27	6.853	415	417	419	rBV	645130	679502	11.37%	0.525%
28	6.944	423	425	427	rVB	3410021	3960064	66.26%	3.060%
29	7.070	429	436	438	rBV4	452595	1281486	21.44%	0.990%
30	7.116	438	440	441	rBV2	845107	895970	14.99%	0.692%
31	7.139	441	442	445	rVB	368417	349998	5.86%	0.270%
32	7.185	445	446	448	rBV2	686371	784428	13.13%	0.606%
33	7.287	451	455	456	rBV	414276	584232	9.78%	0.451%
34	7.356	456	461	464	rBV3	2729705	5626696	94.15%	4.347%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.402	464	465	466 rVB	992090	680078	11.38%	0.525%
36	7.447	466	469	471 rBV3	488697	674427	11.29%	0.521%
37	7.482	471	472	473 rBV	386575	462433	7.74%	0.357%
38	7.516	473	475	477 rVB	385808	507905	8.50%	0.392%
39	7.573	477	480	481 rBV	1249883	1758886	29.43%	1.359%
40	7.596	481	482	485 rVB	1469345	1310630	21.93%	1.013%
41	7.733	487	494	495 rBV6	728589	2396646	40.10%	1.852%
42	7.756	495	496	499 rVB3	561047	852464	14.26%	0.659%
43	7.813	499	501	503 rBV3	1245032	2303477	38.54%	1.780%
44	7.905	506	509	512 rBV3	578749	998337	16.71%	0.771%
45	7.950	512	513	517 rBV	477241	555976	9.30%	0.430%
46	8.076	517	524	525 rBV	3829659	5976189	100.00%	4.617%
47	8.133	528	529	534 rVV2	1110011	2263591	37.88%	1.749%
48	8.259	537	540	541 rBV3	262386	508576	8.51%	0.393%
49	8.385	546	551	554 rBV7	653074	1930559	32.30%	1.492%
50	8.465	557	558	560 rVB	1272537	1174816	19.66%	0.908%
51	8.510	560	562	564 rBV	1675464	1955654	32.72%	1.511%
52	8.545	564	565	567 rVB2	716999	704089	11.78%	0.544%
53	8.590	567	569	570 rBV2	397000	468882	7.85%	0.362%
54	8.682	575	577	578 rBV2	1733885	1873688	31.35%	1.448%
55	8.716	578	580	583 rVV3	457188	930201	15.57%	0.719%
56	8.796	583	587	588 rVB2	982536	1609699	26.94%	1.244%
57	8.888	593	595	597 rVV	644856	700387	11.72%	0.541%
58	8.990	600	604	607 rBV6	365649	838649	14.03%	0.648%
59	9.105	613	614	616 rVB	632478	857328	14.35%	0.662%
60	9.162	616	619	621 rVB	5665773	5554054	92.94%	4.291%
61	9.242	623	626	628 rBV2	1073505	1485908	24.86%	1.148%
62	9.299	628	631	634 rVV5	212092	655354	10.97%	0.506%
63	9.425	638	642	644 rBV2	496572	917433	15.35%	0.709%
64	9.493	644	648	651 rBV2	948130	1580934	26.45%	1.221%
65	9.562	651	654	656 rVV3	1612613	3205945	53.65%	2.477%
66	9.596	656	657	661 rVB2	366358	665218	11.13%	0.514%
67	9.699	664	666	668 rBV2	593576	767545	12.84%	0.593%
68	9.745	668	670	671 rVV	1190083	901599	15.09%	0.697%
69	9.779	671	673	675 rVB	582594	655585	10.97%	0.507%
70	9.836	675	678	679 rBV	2109055	2387177	39.94%	1.844%
71	9.870	679	681	683 rVB2	179082	267323	4.47%	0.207%

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72	9.939	686	687	689	rVB2	315884	383957	6.42%	0.297%
73	9.996	689	692	694	rBV3	166885	387784	6.49%	0.300%
74	10.031	694	695	697	rVB	443765	506656	8.48%	0.391%
75	10.076	697	699	700	rBV	348230	319367	5.34%	0.247%
76	10.156	703	706	709	rBV3	394439	754069	12.62%	0.583%
77	10.202	709	710	712	rBV2	229845	276461	4.63%	0.214%
78	10.236	712	713	715	rBV2	402351	528087	8.84%	0.408%
79	10.271	715	716	717	rVB	568135	391652	6.55%	0.303%
80	10.488	733	735	738	rVB	695285	1013757	16.96%	0.783%
81	10.625	744	747	749	rBV	3402312	3697360	61.87%	2.857%
82	10.762	756	759	761	rBV	1855489	2639818	44.17%	2.040%
83	11.196	795	797	798	rBV	429982	467449	7.82%	0.361%
84	11.219	798	799	803	rVB	683575	724207	12.12%	0.560%
85	11.311	805	807	811	rBV	1358637	1997494	33.42%	1.543%
86	11.619	832	834	835	rBV	477758	346015	5.79%	0.267%
87	11.928	859	861	866	rVB3	266236	522840	8.75%	0.404%
88	12.031	868	870	871	rBV	250176	311280	5.21%	0.240%
89	12.408	901	903	905	rVB2	264699	347929	5.82%	0.269%
90	12.522	911	913	916	rBV	909036	890956	14.91%	0.688%
91	12.751	930	933	935	rBV	987833	956588	16.01%	0.739%
92	12.899	944	946	949	rVB	3673579	3973439	66.49%	3.070%
93	13.814	1022	1026	1034	rVB4	225926	665139	11.13%	0.514%
94	13.951	1035	1038	1044	rVB2	1393274	2173926	36.38%	1.680%
95	14.957	1124	1126	1131	rVV	496552	892836	14.94%	0.690%
96	15.242	1148	1151	1154	rBV	248246	334235	5.59%	0.258%
97	15.300	1154	1156	1159	rVV	318593	391210	6.55%	0.302%
98	15.357	1159	1161	1171	rVB	922815	1330917	22.27%	1.028%
99	16.705	1276	1279	1283	rBV2	170625	341857	5.72%	0.264%
100	17.117	1312	1315	1320	rVB	155361	328021	5.49%	0.253%

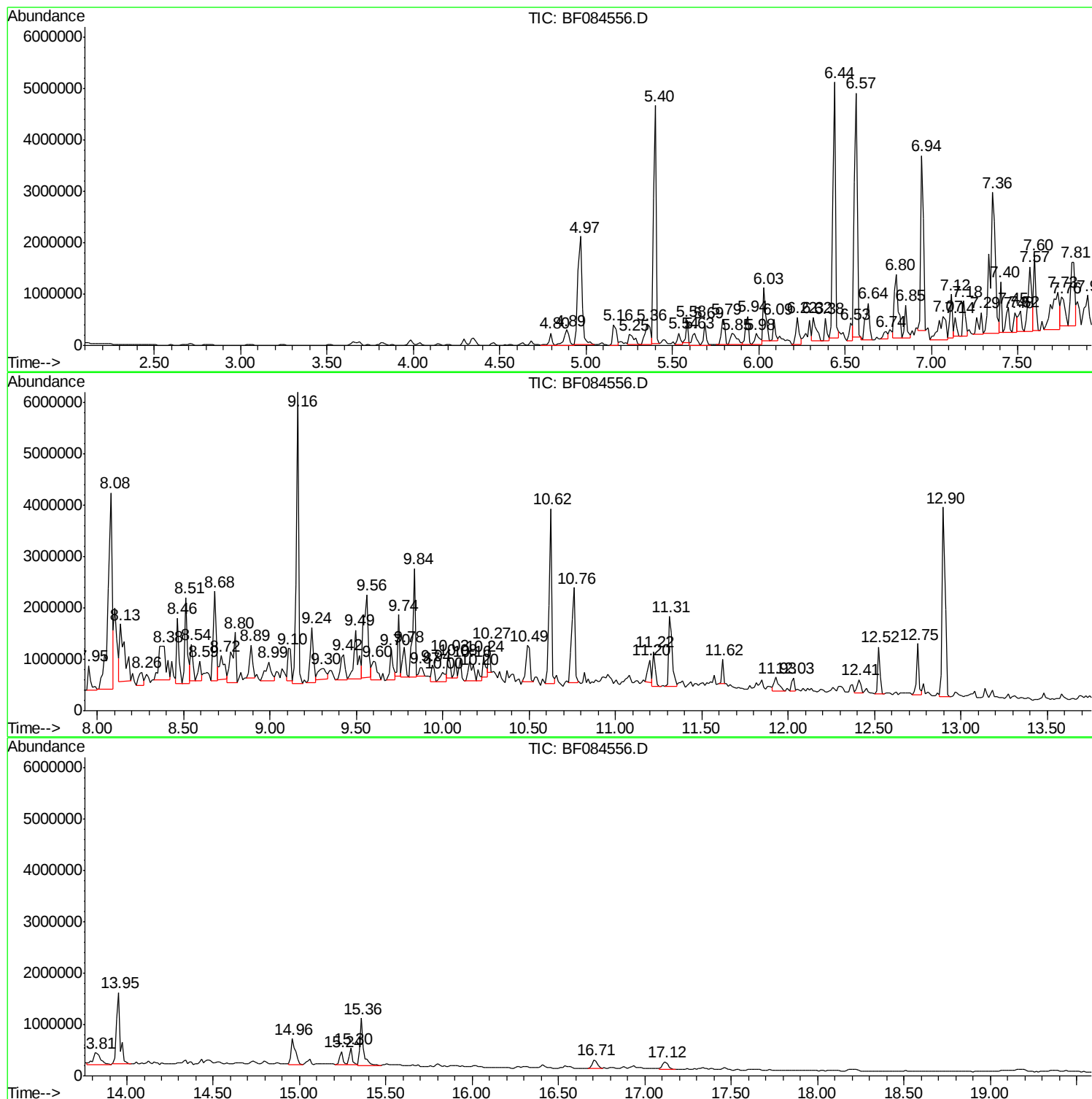
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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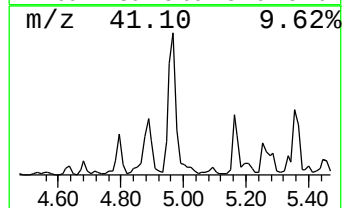
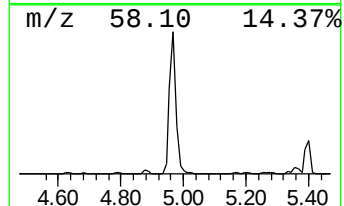
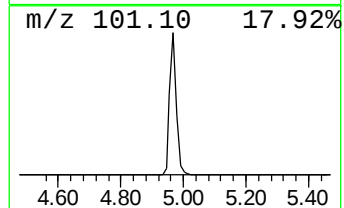
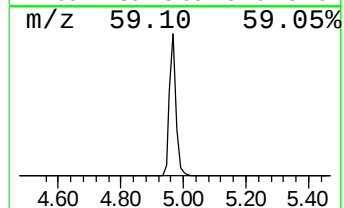
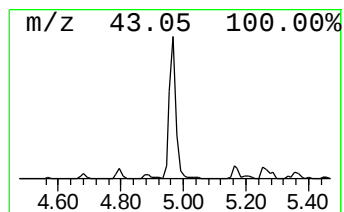
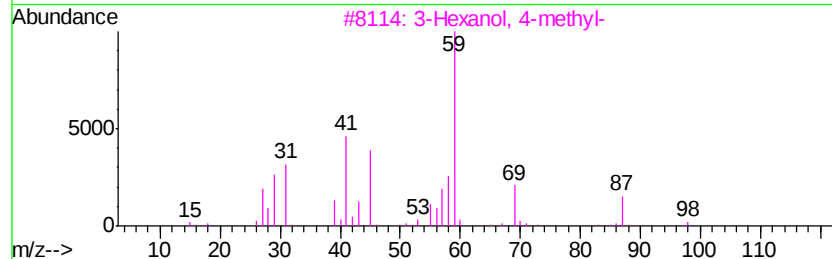
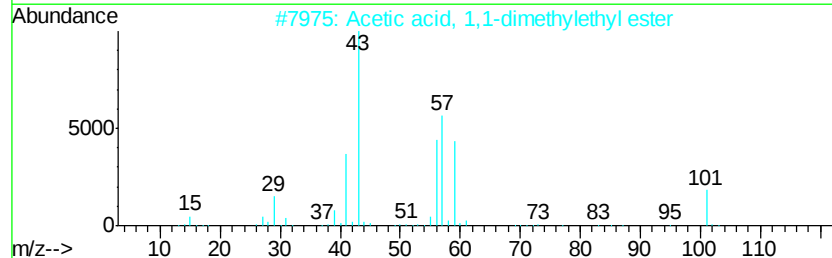
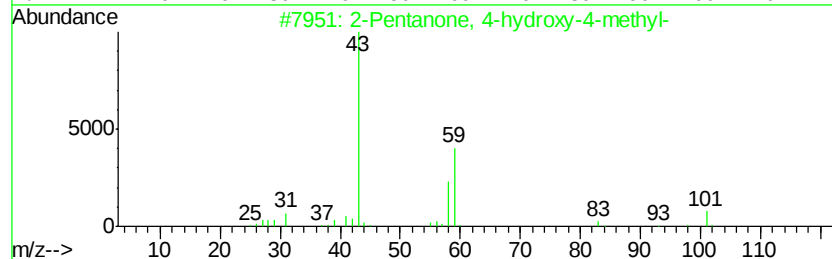
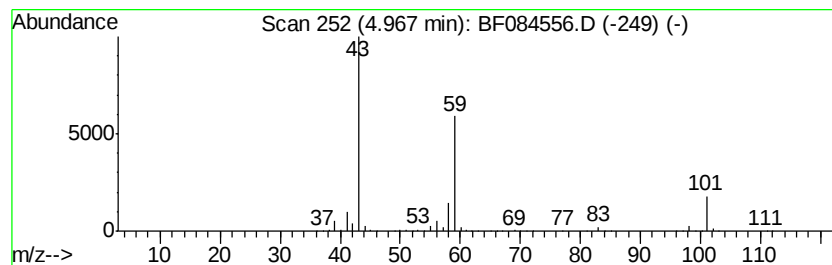
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	30.93 ng	3305920	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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ClientSampled :
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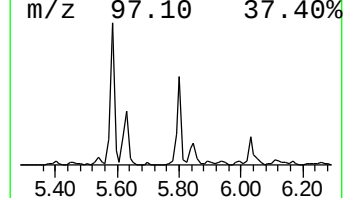
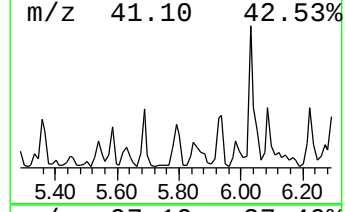
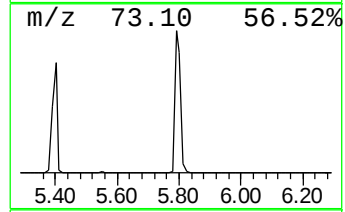
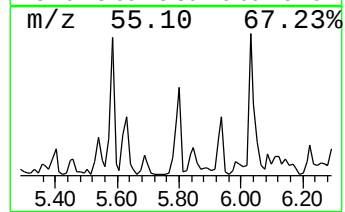
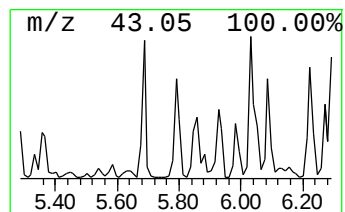
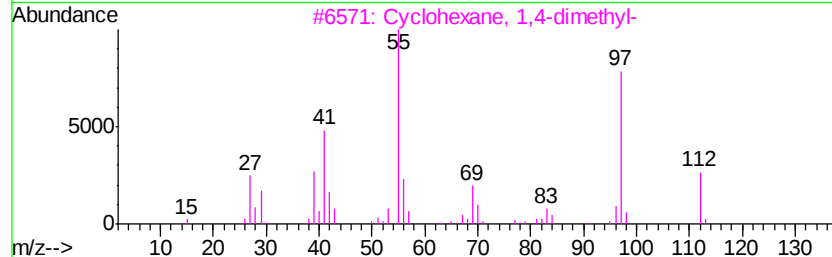
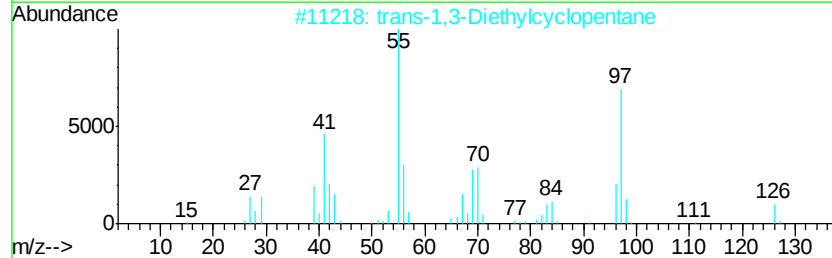
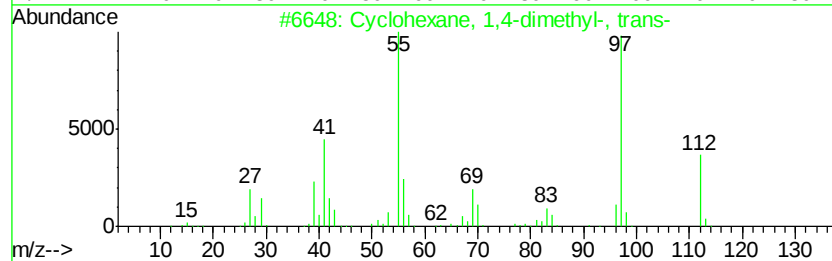
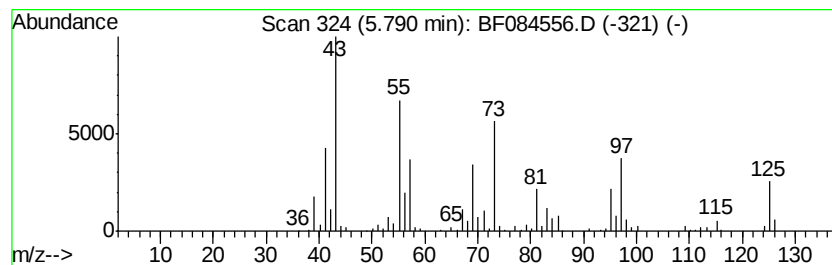
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.79 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	7.19 ng	769046	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	35
2			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	35
3			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	35
4			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	27
5			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	27



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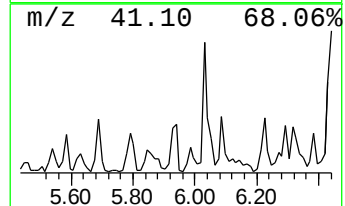
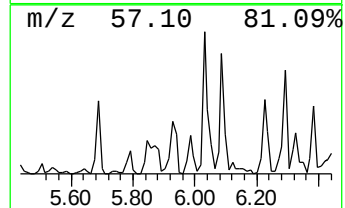
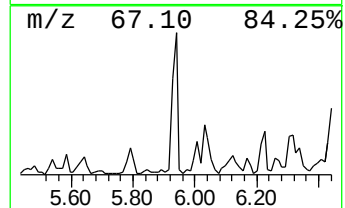
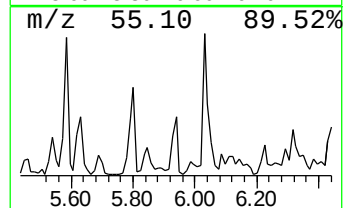
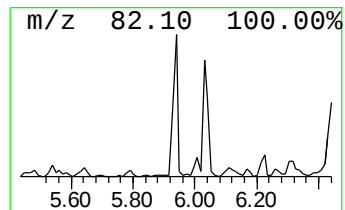
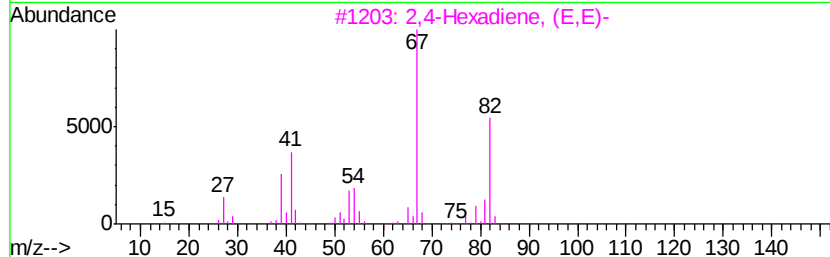
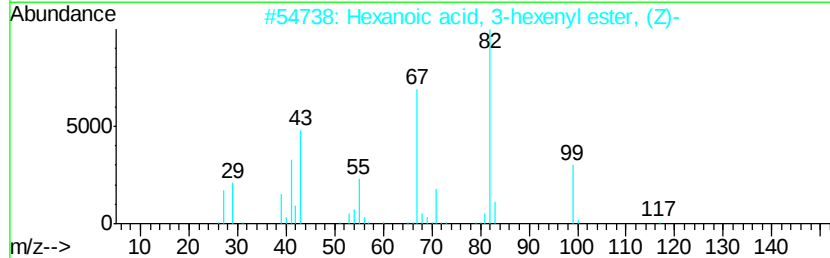
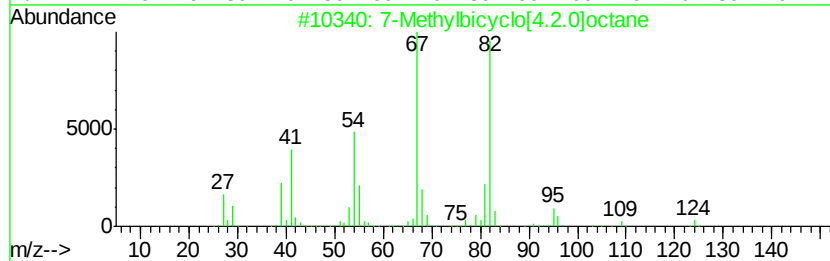
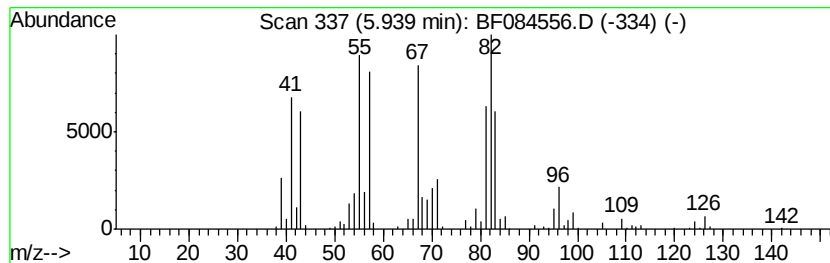
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown5.94 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	7.26 ng	775682	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	49
2		Hexanoic acid, 3-hexenyl ester, ...	198	C12H22O2	031501-11-8	47
3		2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	38
4		Cyclohexanepropanol-	142	C9H18O	001124-63-6	30
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084556.D
Acq On : 19 Jan 2016 17:06
Operator : SJ/UM
Sample : H1169-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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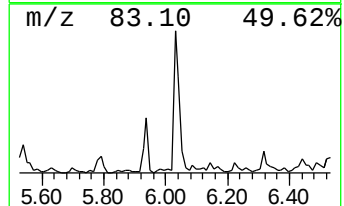
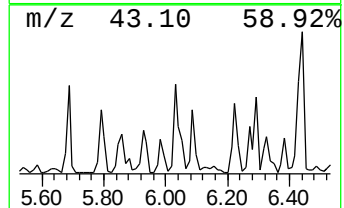
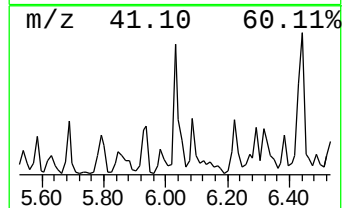
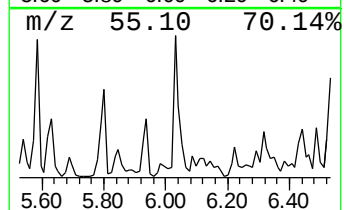
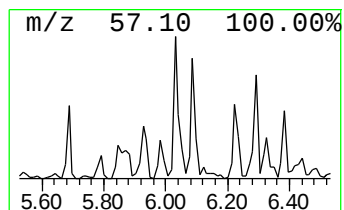
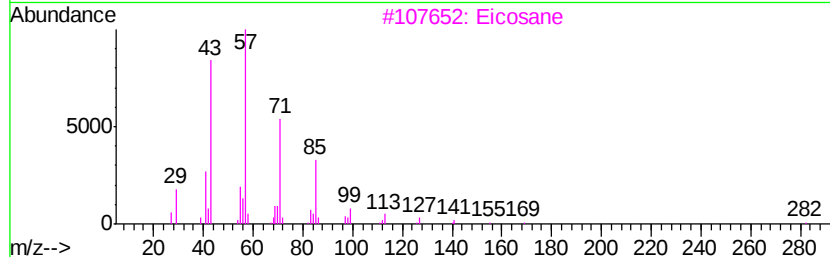
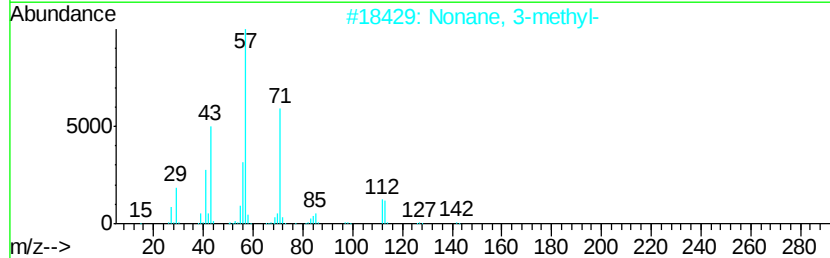
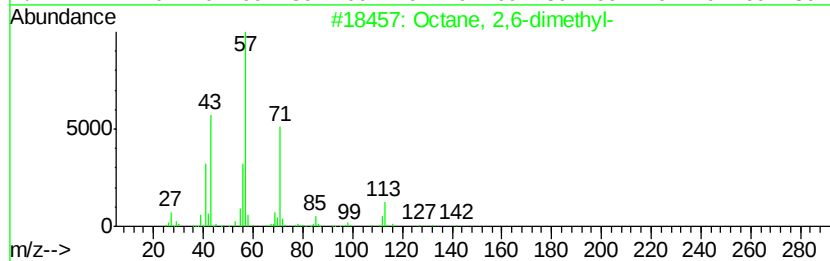
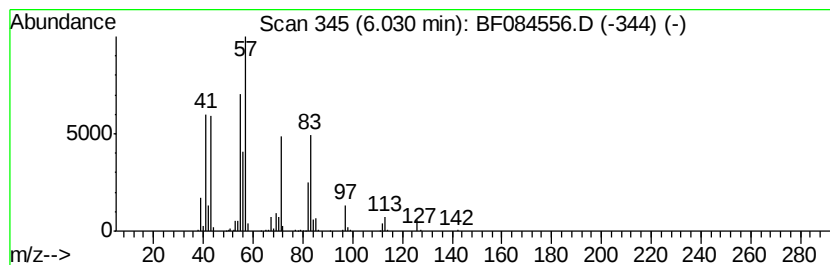
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	11.64 ng	1244490	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3		Eicosane	282	C20H42	000112-95-8	35
4		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	27
5		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084556.D
Acq On : 19 Jan 2016 17:06
Operator : SJ/UM
Sample : H1169-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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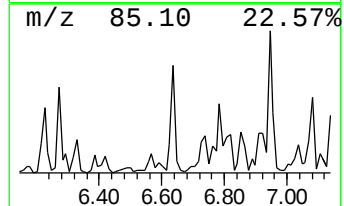
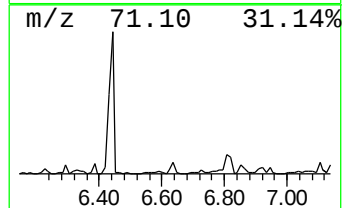
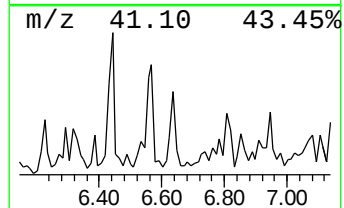
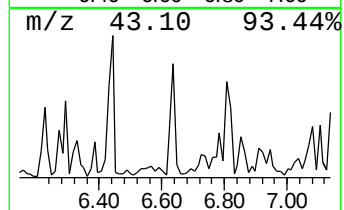
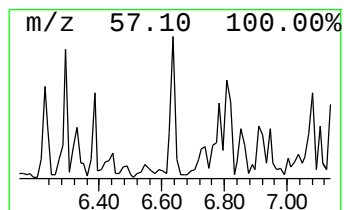
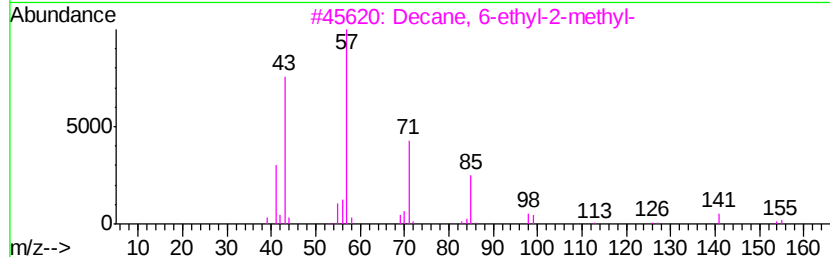
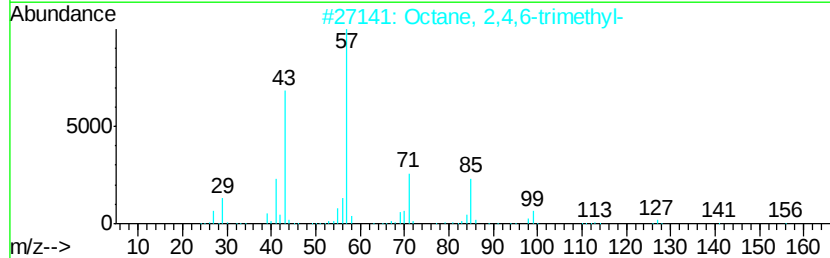
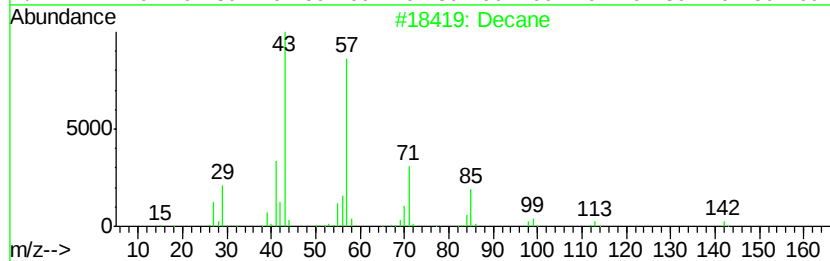
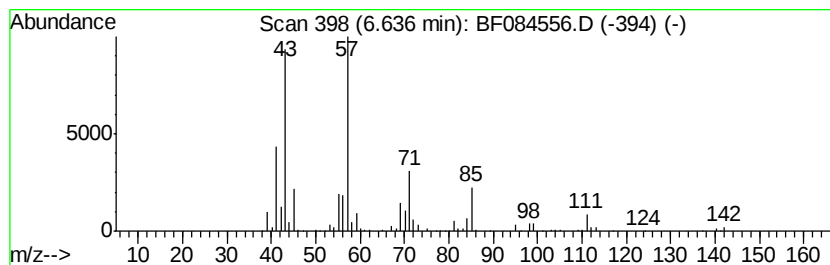
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	11.08 ng	1184130	1,4-Dichlorobenzene-d4	6.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	91
2	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	47
3	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	47
4	Undecane, 4,7-dimethyl-		184	C13H28	017301-32-5	43
5	Tetracontane, 3,5,24-trimethyl-		605	C43H88	055162-61-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084556.D
Acq On : 19 Jan 2016 17:06
Operator : SJ/UM
Sample : H1169-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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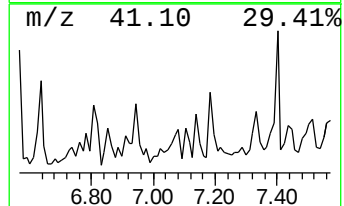
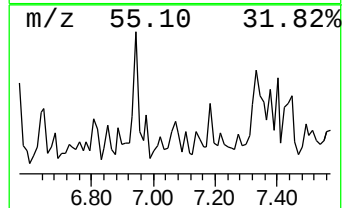
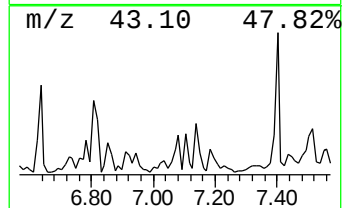
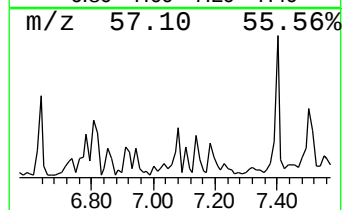
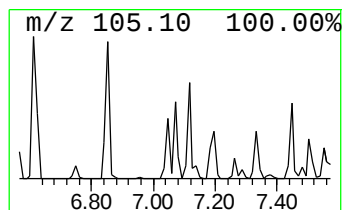
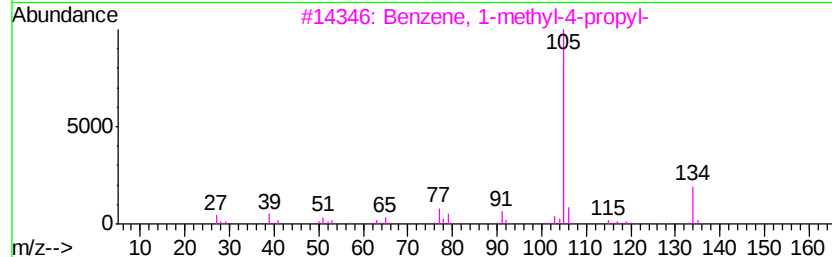
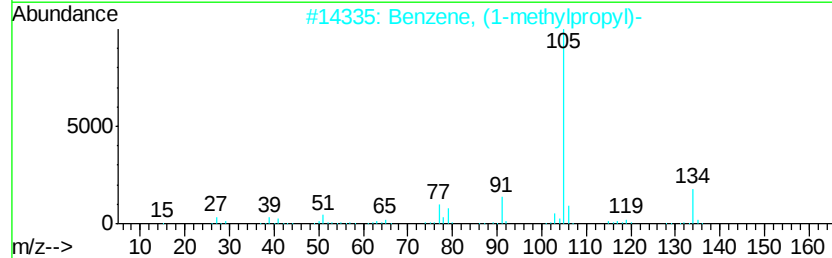
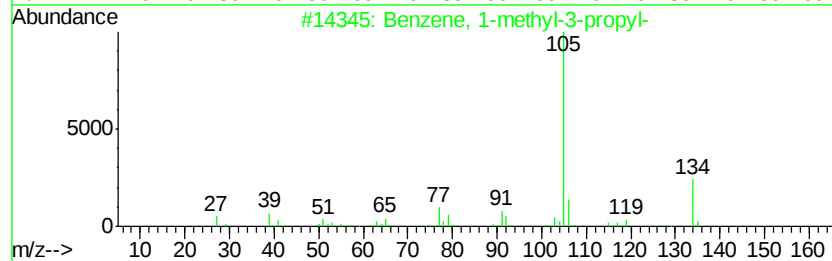
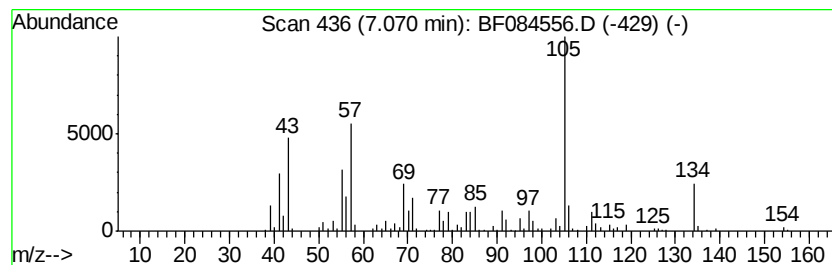
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	11.99 ng	1281490	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
2		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084556.D
Acq On : 19 Jan 2016 17:06
Operator : SJ/UM
Sample : H1169-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-003(0-2)

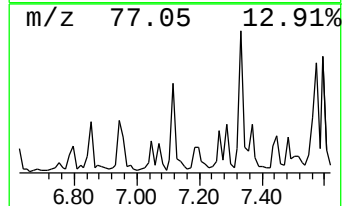
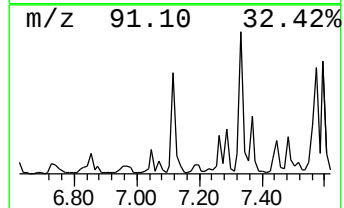
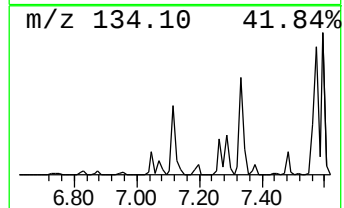
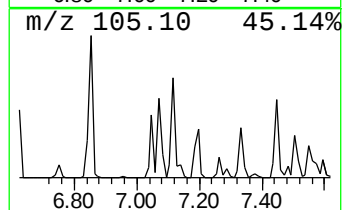
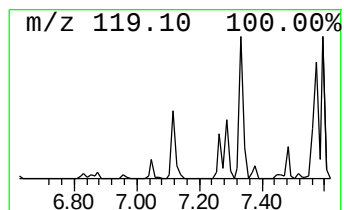
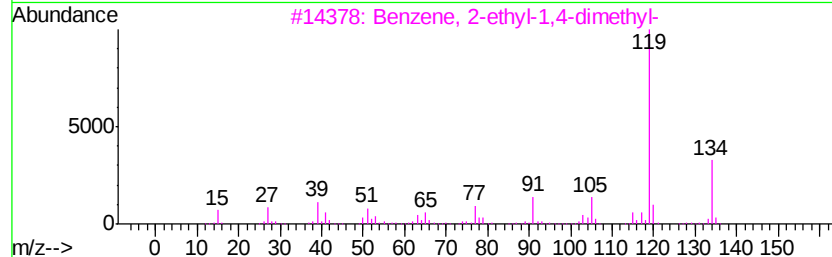
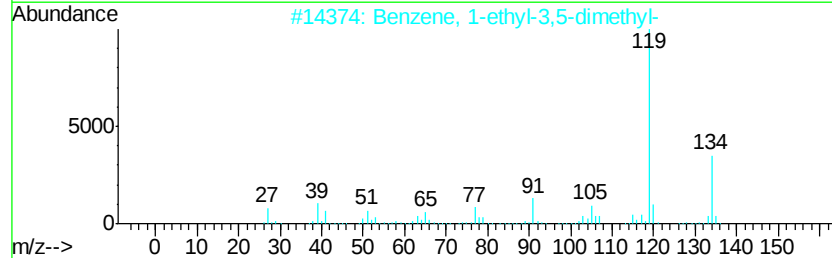
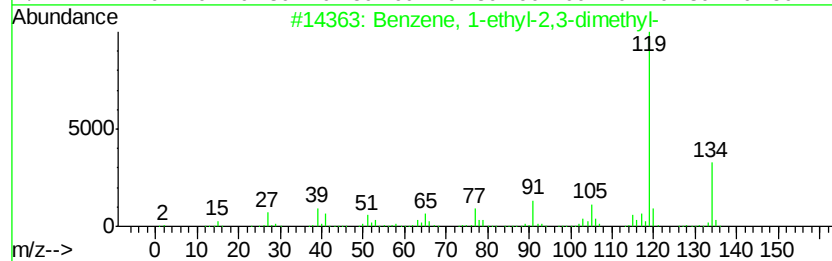
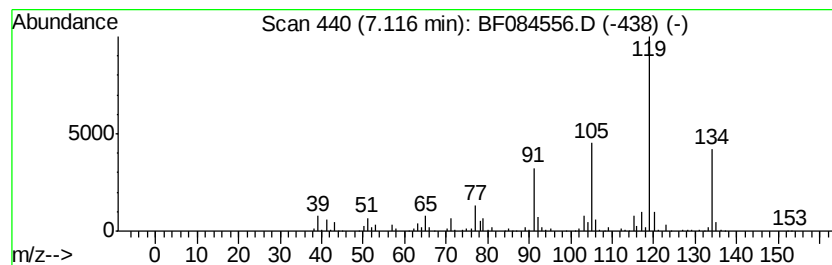
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	8.38 ng	895970	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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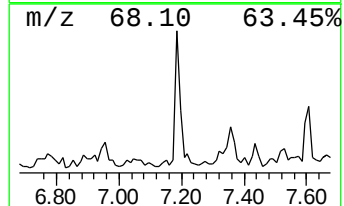
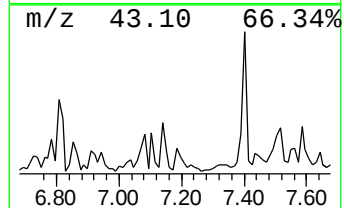
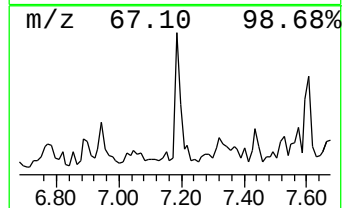
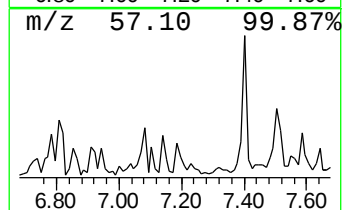
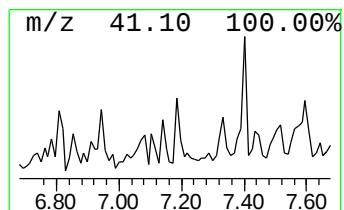
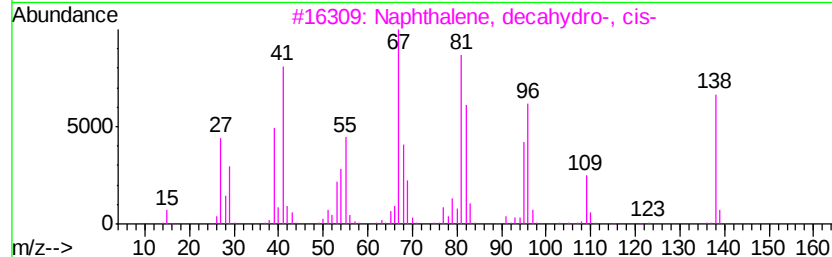
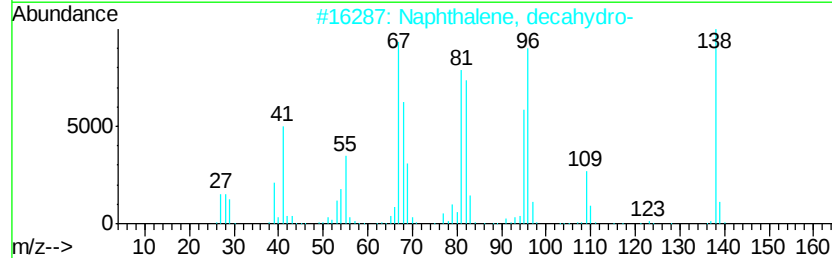
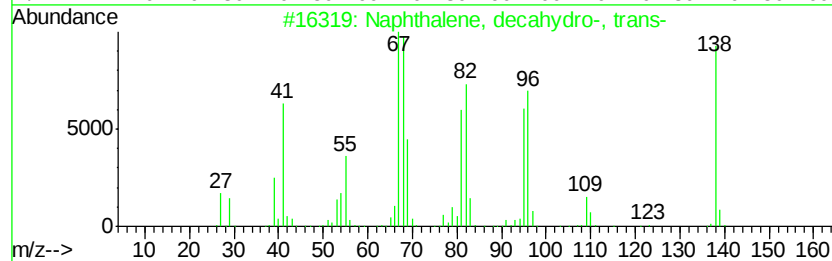
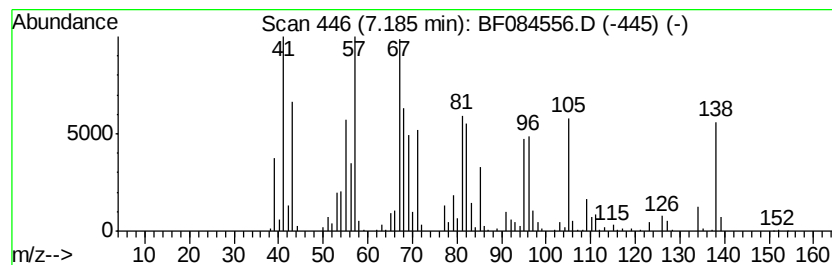
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, decahydro-, tr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	7.34 ng	784428	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	91
4			Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	58
5			Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
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ClientSampleId :
SP-003(0-2)

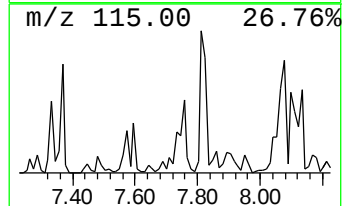
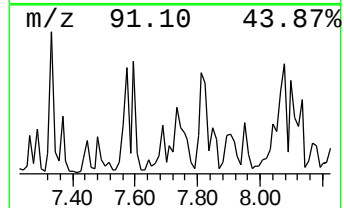
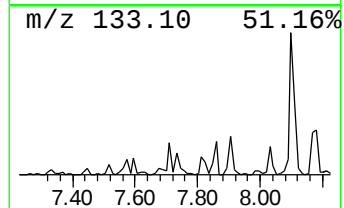
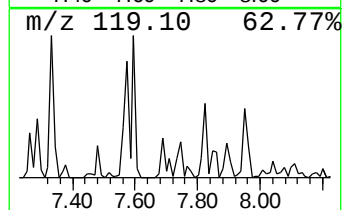
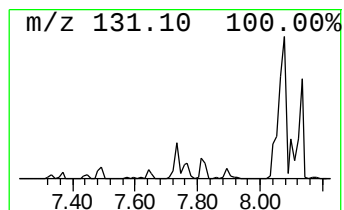
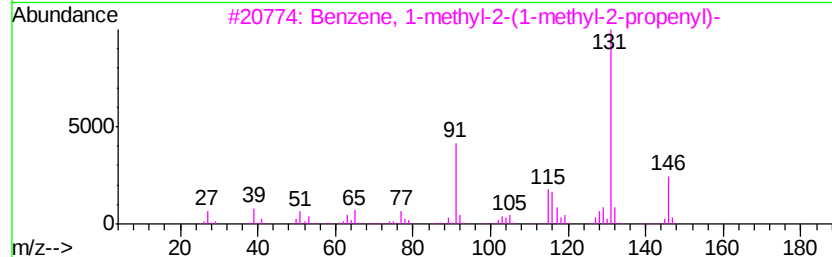
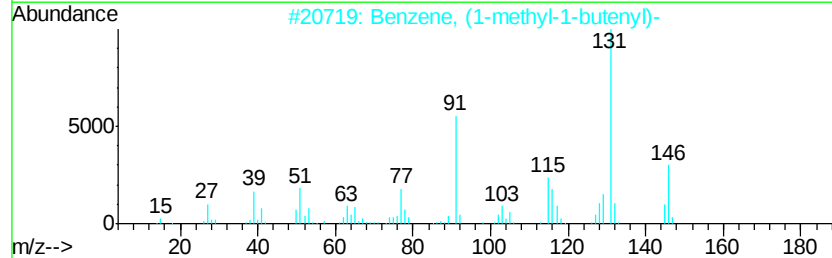
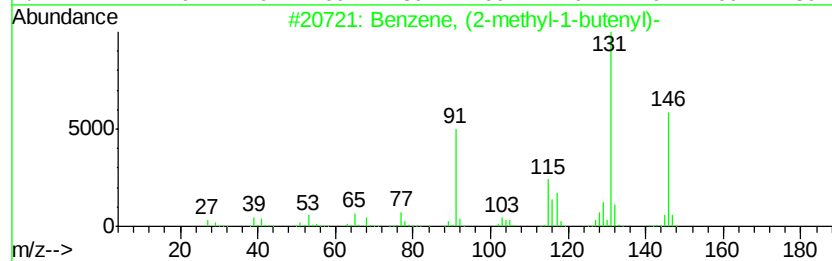
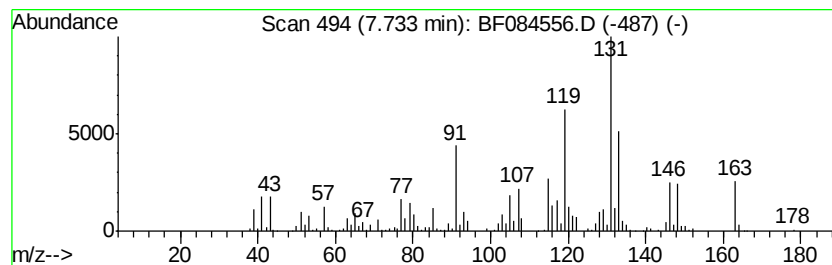
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, (2-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	8.02 ng	2396650	Napthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62
3		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	50
4		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50
5		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
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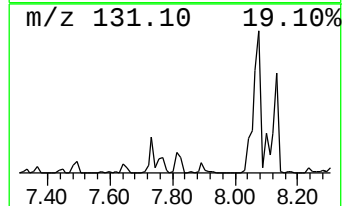
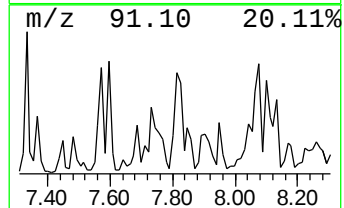
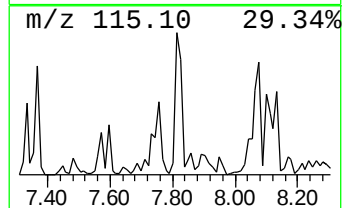
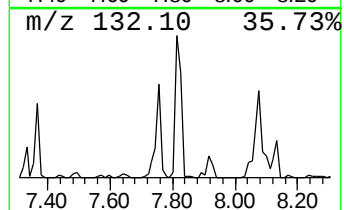
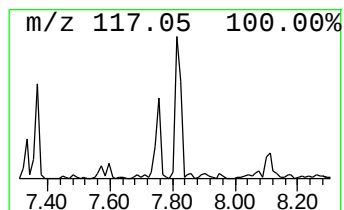
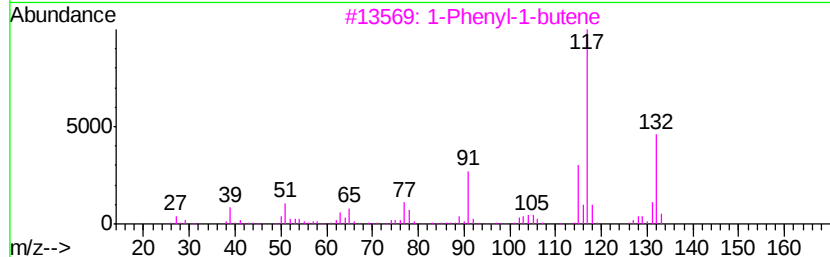
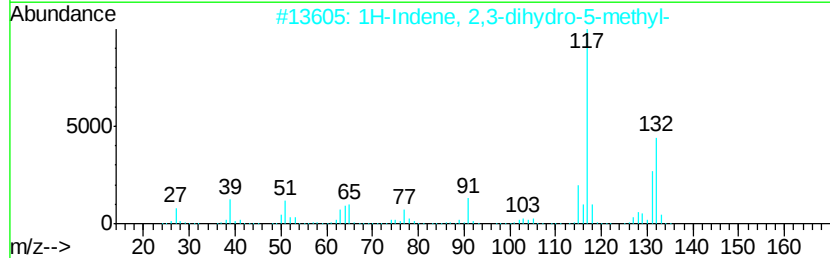
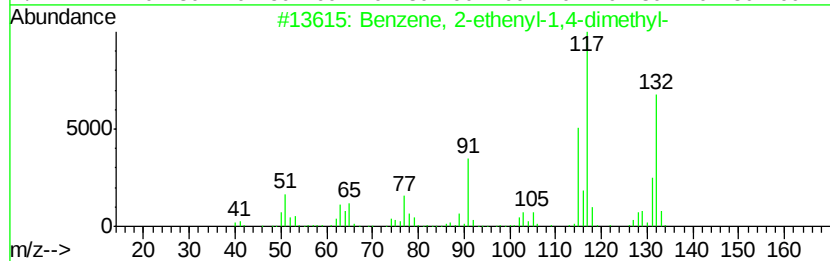
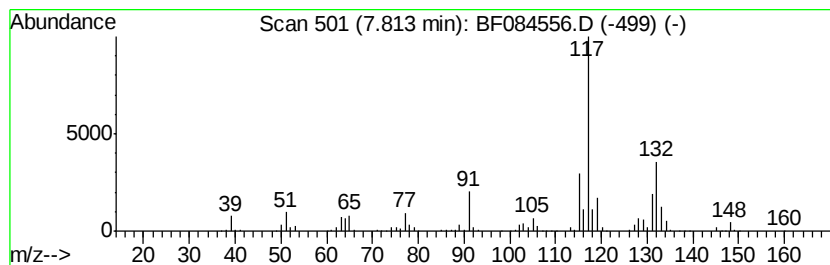
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	7.71 ng	2303480	Napthalene-d8	8.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084556.D
Acq On : 19 Jan 2016 17:06
Operator : SJ/UM
Sample : H1169-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

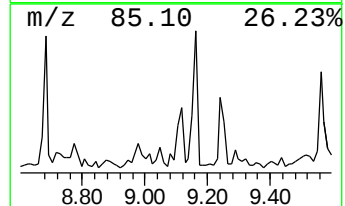
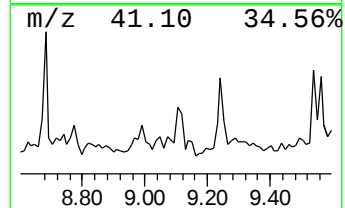
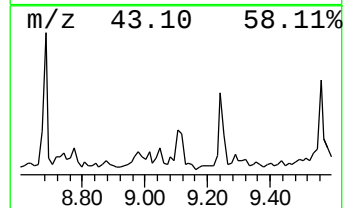
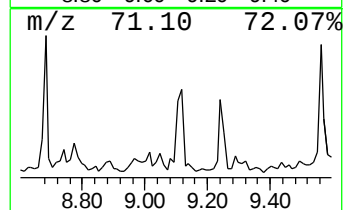
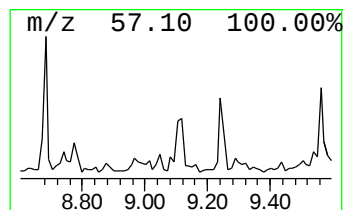
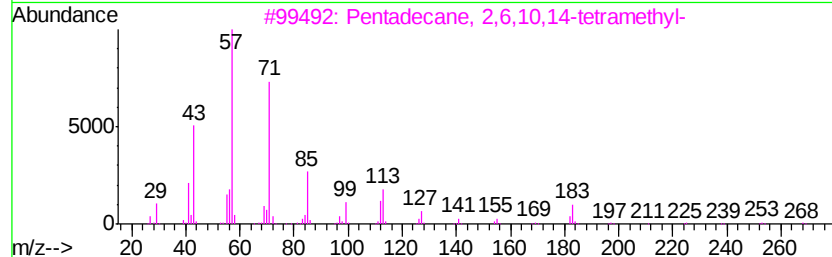
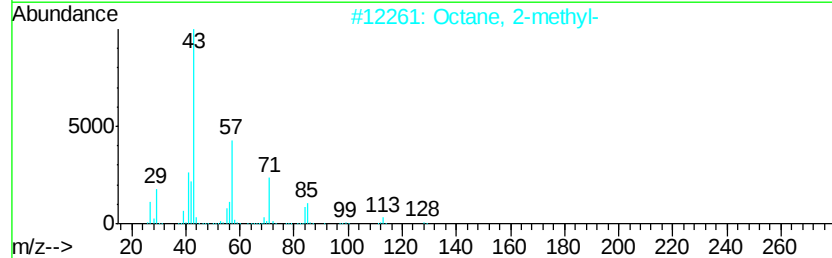
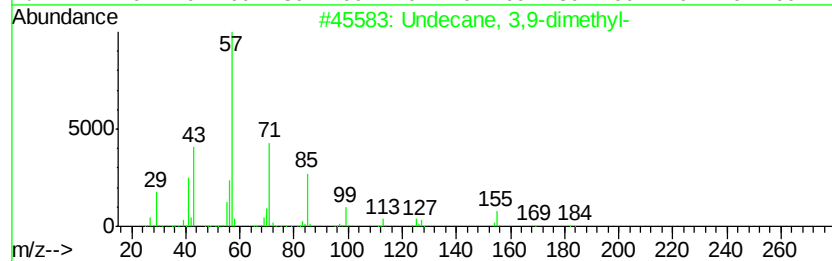
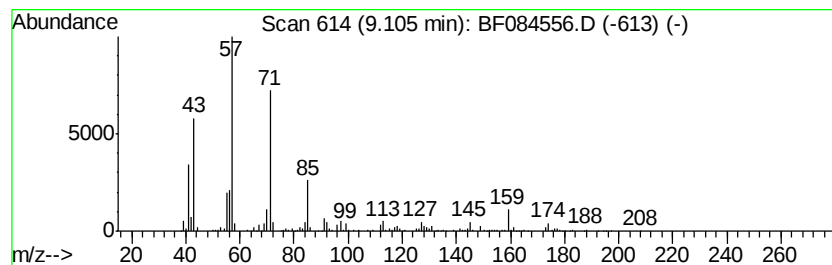
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 3,9-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	7.18 ng	857328	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,9-dimethyl-	184 C13H28	017301-31-4	64
2	Octane, 2-methyl-	128 C9H20	003221-61-2	64
3	Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6	59
4	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	59
5	Heptacosane	380 C27H56	000593-49-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
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Acq On : 19 Jan 2016 17:06
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ALS Vial : 11 Sample Multiplier: 1

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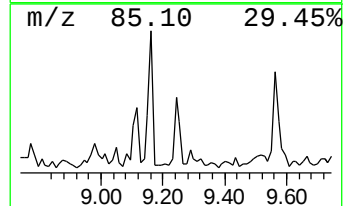
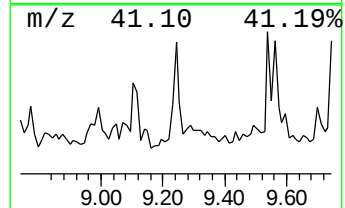
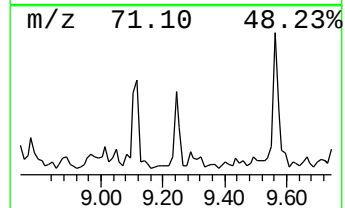
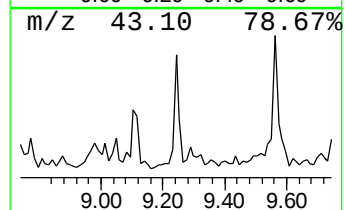
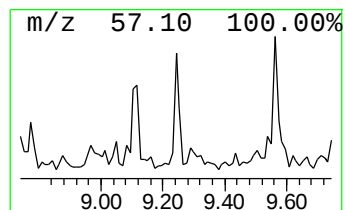
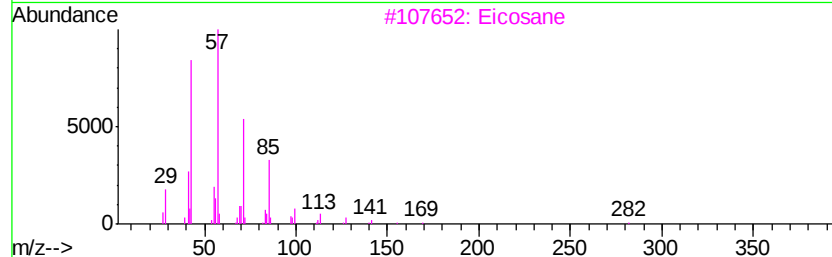
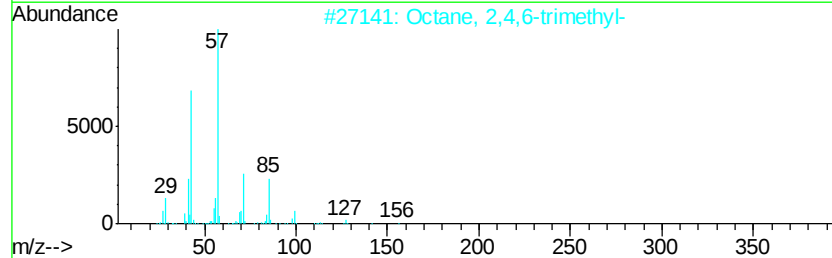
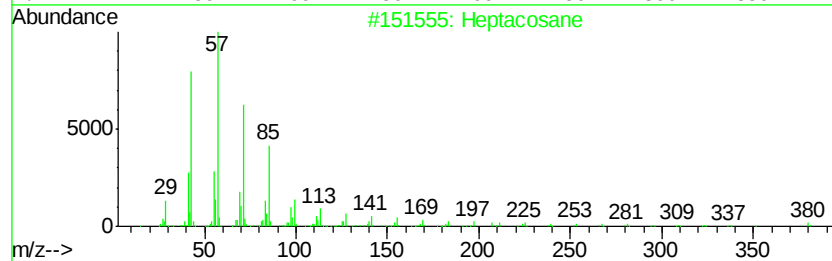
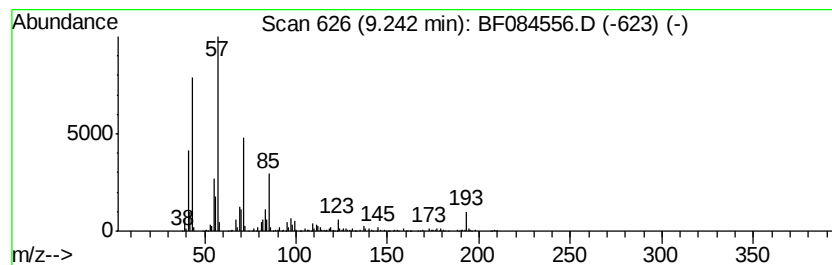
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	12.45 ng	1485910	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	64
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
3		Eicosane	282	C20H42	000112-95-8	64
4		Dodecane	170	C12H26	000112-40-3	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084556.D
Acq On : 19 Jan 2016 17:06
Operator : SJ/UM
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Misc :
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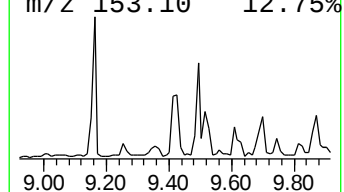
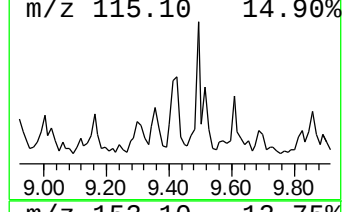
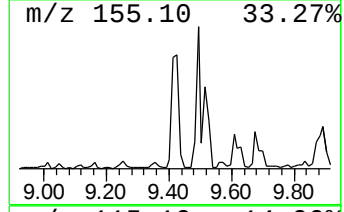
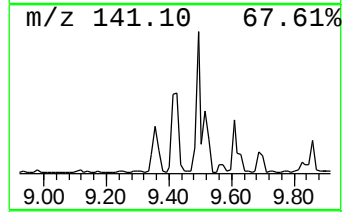
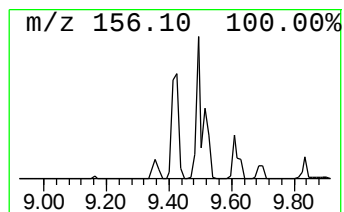
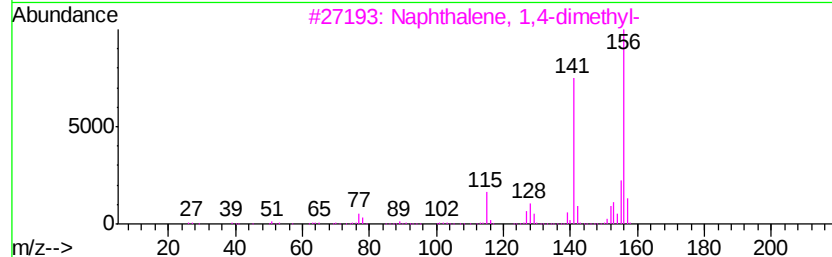
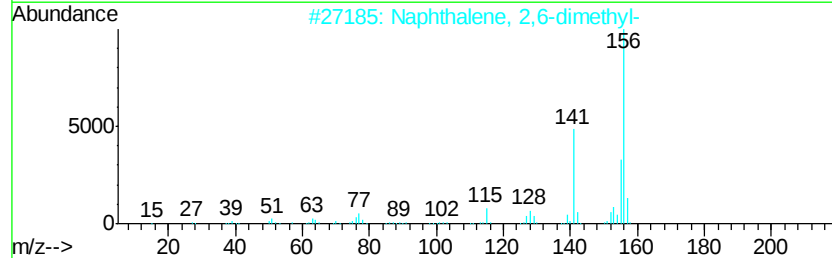
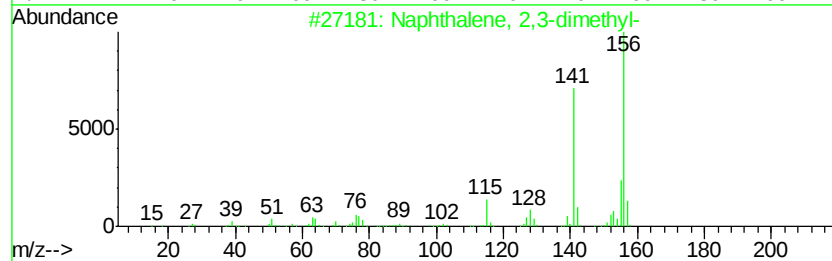
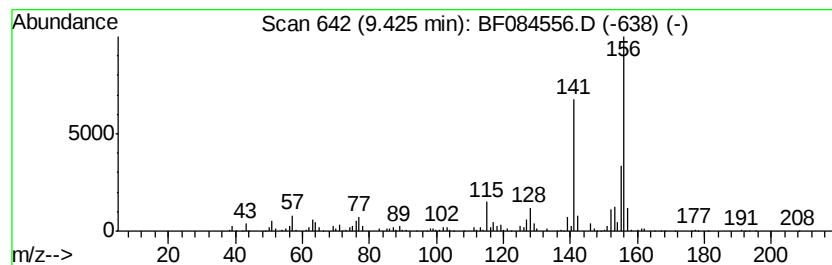
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	7.69 ng	917433	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084556.D
Acq On : 19 Jan 2016 17:06
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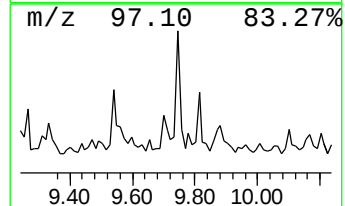
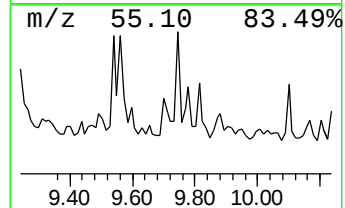
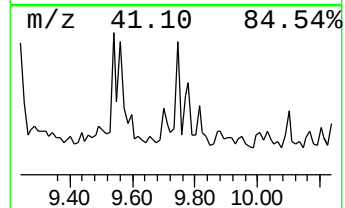
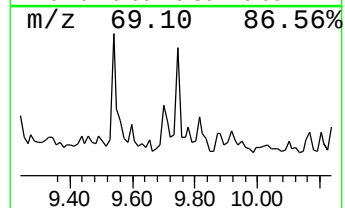
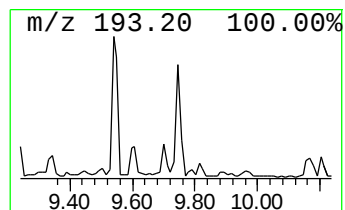
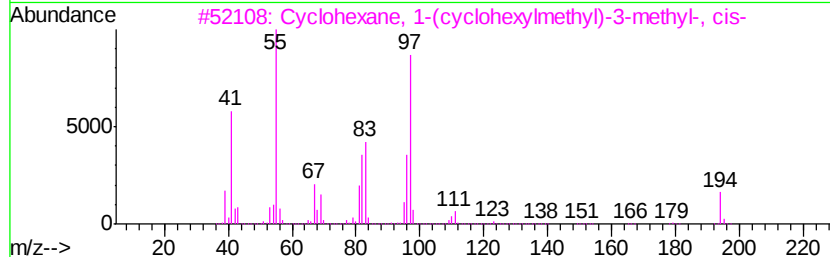
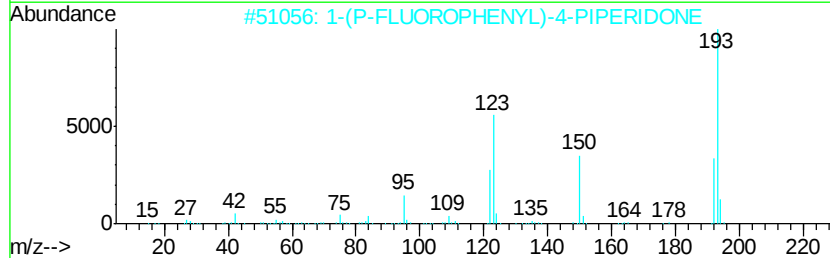
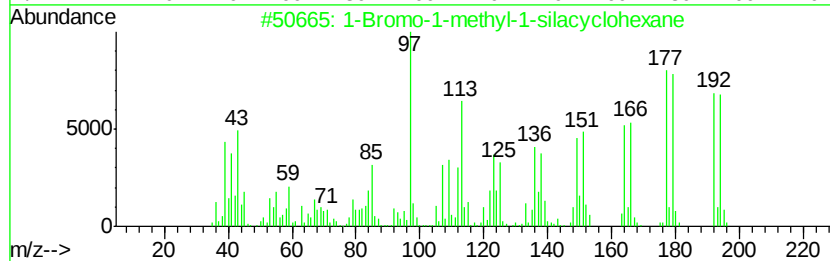
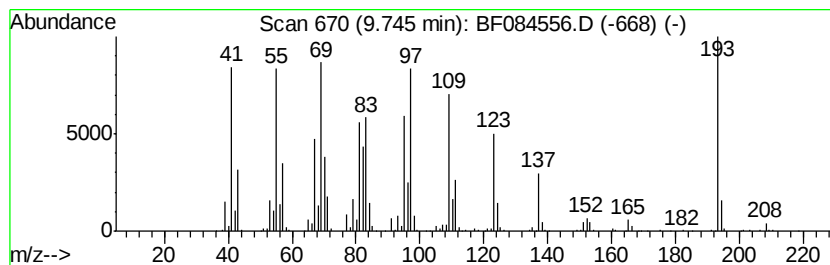
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Bromo-1-methyl-1-silacycl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	7.55 ng	901599	Acenaphthene-d10	9.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	60
2			1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	22
3			Cyclohexane, 1-(cyclohexylmethyl)-	194	C14H26	054823-96-0	18
4			7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	14
5			Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084556.D
Acq On : 19 Jan 2016 17:06
Operator : SJ/UM
Sample : H1169-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-003(0-2)

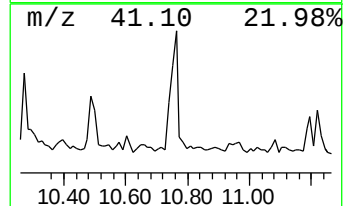
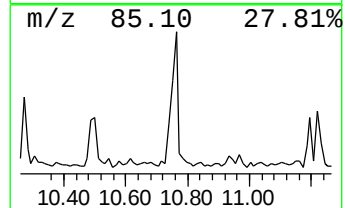
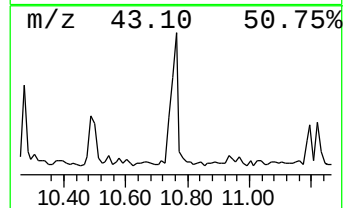
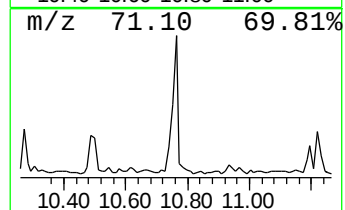
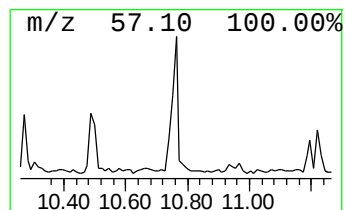
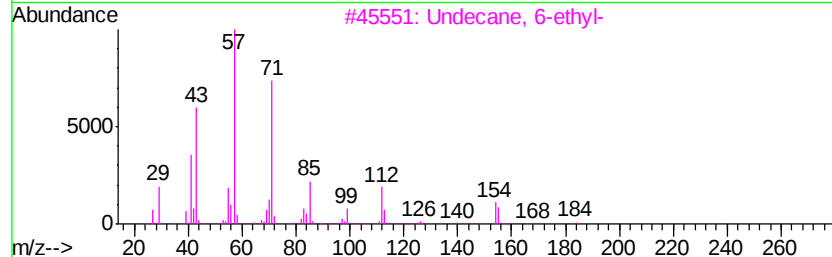
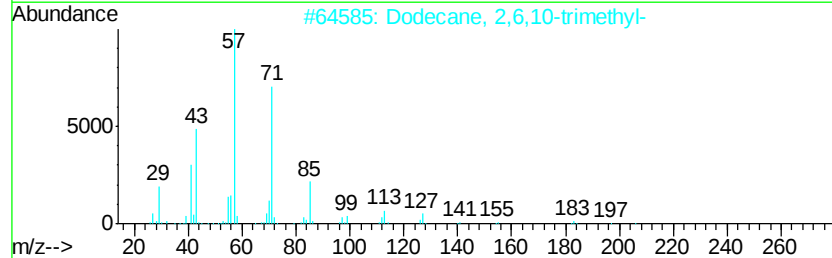
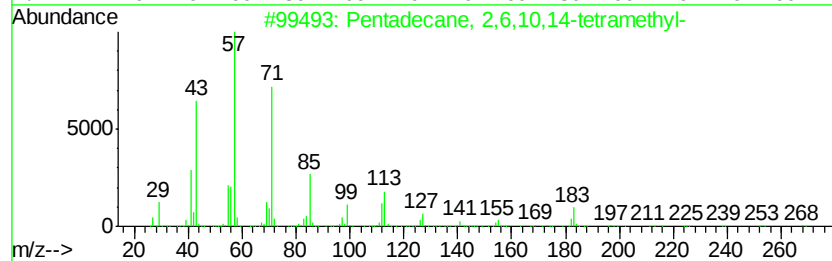
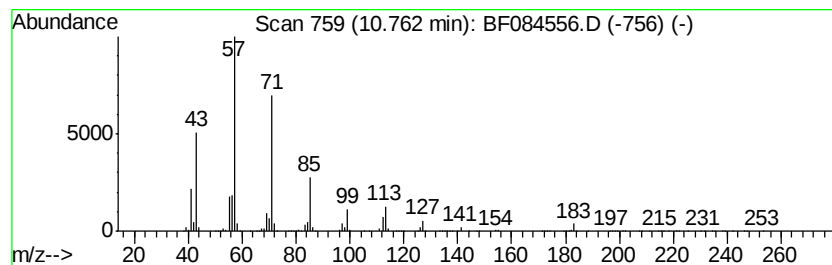
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	26.43 ng	2639820	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
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ALS Vial : 11 Sample Multiplier: 1

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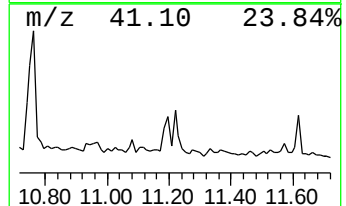
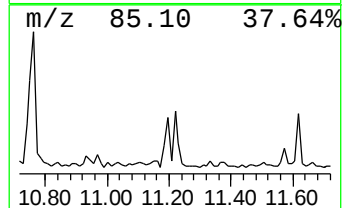
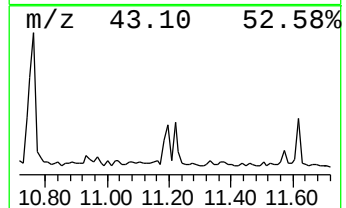
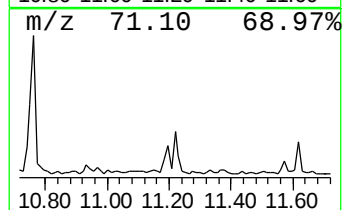
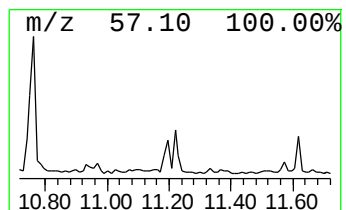
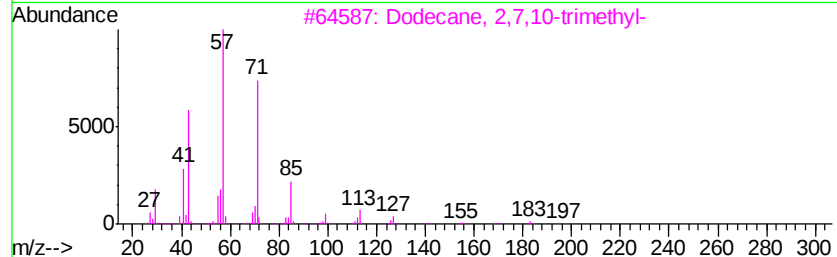
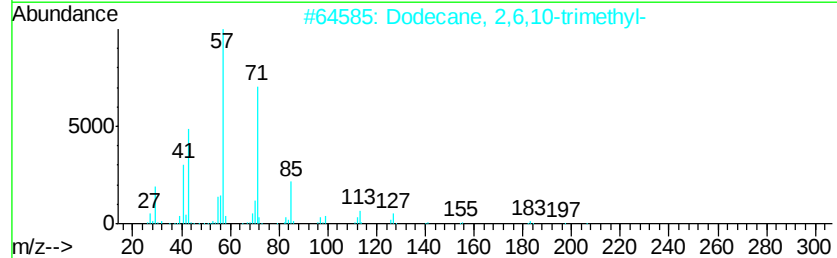
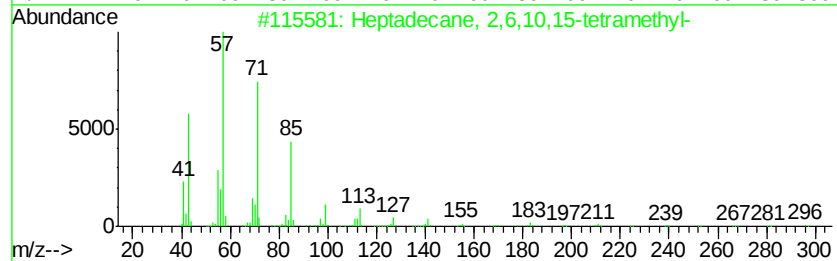
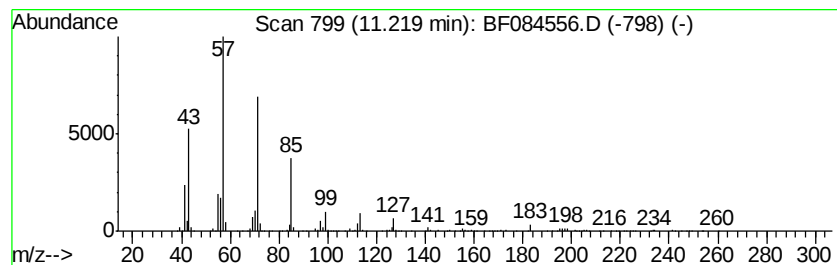
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	7.25 ng	724207	Phenanthrene-d10	11.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4			Heptacosane	380	C27H56	000593-49-7	78
5			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
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 Acq On : 19 Jan 2016 17:06
 Operator : SJ/UM
 Sample : H1169-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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unknown5.79	5.79	7.2	ng	769046	1	6.80	2137900	20.0
unknown5.94	5.94	7.3	ng	775682	1	6.80	2137900	20.0
unknown6.03	6.03	11.6	ng	1244490	1	6.80	2137900	20.0
Decane	6.64	11.1	ng	1184130	1	6.80	2137900	20.0
Benzene, 1-methyl...	7.07	12.0	ng	1281490	1	6.80	2137900	20.0
Benzene, 1-ethyl-...	7.12	8.4	ng	895970	1	6.80	2137900	20.0
Naphthalene, deca...	7.18	7.3	ng	784428	1	6.80	2137900	20.0
Benzene, (2-methy...	7.73	8.0	ng	2396650	2	8.08	5976190	20.0
Benzene, 2-etheny...	7.81	7.7	ng	2303480	2	8.08	5976190	20.0
Undecane, 3,9-dim...	9.10	7.2	ng	857328	3	9.84	2387180	20.0
Heptacosane	9.24	12.4	ng	1485910	3	9.84	2387180	20.0
Naphthalene, 2,3-...	9.42	7.7	ng	917433	3	9.84	2387180	20.0
1-Bromo-1-methyl-...	9.74	7.5	ng	901599	3	9.84	2387180	20.0
Pentadecane, 2,6,...	10.76	26.4	ng	2639820	4	11.31	1997490	20.0
Heptadecane, 2,6,...	11.22	7.3	ng	724207	4	11.31	1997490	20.0