

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085823.D
 Acq On : 29 Mar 2016 1:29
 Operator : UM/SJ
 Sample : H1942-02 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-927ANCOMP

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-BF032416.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	4.973	233	235	243	rBV	70882	83033	4.87%	0.250%
2	5.407	271	273	277	rBV	137013	143258	8.39%	0.432%
3	5.819	305	309	311	rBV2	18514	27462	1.61%	0.083%
4	5.956	318	321	323	rVB	20945	23834	1.40%	0.072%
5	6.047	328	329	333	rVV3	30288	43560	2.55%	0.131%
6	6.241	343	346	348	rBV	24361	32816	1.92%	0.099%
7	6.333	352	354	356	rBV	42314	54316	3.18%	0.164%
8	6.447	362	364	368	rBV	152185	200548	11.75%	0.605%
9	6.584	371	376	379	rBV	212900	262768	15.40%	0.792%
10	6.664	379	383	385	rVB3	22391	39558	2.32%	0.119%
11	6.756	385	391	392	rBV4	23012	58679	3.44%	0.177%
12	6.813	394	396	399	rVB	793049	706733	41.41%	2.131%
13	6.870	399	401	403	rBV2	36719	44363	2.60%	0.134%
14	6.939	403	407	408	rBV2	36259	83121	4.87%	0.251%
15	6.973	408	410	413	rVB3	174946	263226	15.42%	0.794%
16	7.087	413	420	422	rVB3	56594	142143	8.33%	0.429%
17	7.167	425	427	428	rBV2	23763	23789	1.39%	0.072%
18	7.213	428	431	432	rBV2	62852	87356	5.12%	0.263%
19	7.236	432	433	437	rVB3	34337	51885	3.04%	0.156%
20	7.293	437	438	440	rBV2	23862	29809	1.75%	0.090%
21	7.350	440	443	444	rBV3	76038	148016	8.67%	0.446%
22	7.384	444	446	450	rVB3	98218	194684	11.41%	0.587%
23	7.464	450	453	455	rVB3	107652	175024	10.26%	0.528%
24	7.510	455	457	461	rBV4	61104	157941	9.25%	0.476%
25	7.590	461	464	466	rBV4	62451	167953	9.84%	0.506%
26	7.624	466	467	468	rVB	173372	118933	6.97%	0.359%
27	7.659	468	470	471	rBV	33979	28393	1.66%	0.086%
28	7.704	471	474	476	rBV4	81182	170921	10.02%	0.515%
29	7.739	476	477	479	rVB2	194257	194548	11.40%	0.587%
30	7.784	479	481	482	rBV2	33419	50619	2.97%	0.153%
31	7.819	482	484	485	rVB	25026	32047	1.88%	0.097%
32	7.864	485	488	491	rVB4	76116	152436	8.93%	0.460%
33	7.922	491	493	495	rBV	105507	138084	8.09%	0.416%
34	8.104	502	509	510	rBV	920378	1422813	83.37%	4.290%

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35	8.150	512	513	516	rVB2	193868	262207	15.36%	0.791%
36	8.264	521	523	525	rBV2	96739	215691	12.64%	0.650%
37	8.310	525	527	528	rVB2	159981	191840	11.24%	0.578%
38	8.333	528	529	532	rBV3	59159	120679	7.07%	0.364%
39	8.390	532	534	536	rVB2	231179	373614	21.89%	1.127%
40	8.493	541	543	544	rVB2	123115	156499	9.17%	0.472%
41	8.527	544	546	548	rBV	615282	775904	45.46%	2.340%
42	8.607	551	553	554	rBV2	131753	152296	8.92%	0.459%
43	8.642	554	556	559	rBV4	143913	260607	15.27%	0.786%
44	8.699	559	561	562	rBV2	100612	179610	10.52%	0.542%
45	8.790	568	569	571	rVB2	222608	217550	12.75%	0.656%
46	8.847	573	574	576	rBV2	85822	128176	7.51%	0.387%
47	8.927	576	581	583	rVV5	217918	505807	29.64%	1.525%
48	9.007	585	588	590	rBV3	187582	353907	20.74%	1.067%
49	9.053	590	592	594	rBV2	134542	225499	13.21%	0.680%
50	9.133	597	599	601	rBV2	712211	824339	48.30%	2.486%
51	9.179	601	603	605	rVB	264082	231712	13.58%	0.699%
52	9.259	607	610	613	rBV4	362024	663086	38.85%	1.999%
53	9.327	615	616	619	rVB3	208828	191905	11.24%	0.579%
54	9.385	619	621	623	rVB2	143124	139052	8.15%	0.419%
55	9.453	625	627	628	rVB2	203970	174777	10.24%	0.527%
56	9.522	628	633	634	rBV5	350423	677175	39.68%	2.042%
57	9.590	635	639	640	rVB2	758749	1391047	81.51%	4.195%
58	9.716	649	650	653	rBV3	289646	534272	31.31%	1.611%
59	9.762	653	654	656	rVB	376384	492735	28.87%	1.486%
60	9.807	656	658	659	rBV	140472	182330	10.68%	0.550%
61	9.853	659	662	664	rVV4	873114	1438813	84.31%	4.339%
62	9.899	664	666	667	rVV2	337798	444638	26.05%	1.341%
63	9.967	670	672	674	rVB	374615	439512	25.75%	1.325%
64	10.013	674	676	677	rBV2	176180	294519	17.26%	0.888%
65	10.059	678	680	682	rVV	533438	606421	35.53%	1.829%
66	10.116	682	685	688	rVB3	404931	877044	51.39%	2.645%
67	10.173	688	690	694	rBV2	496650	992900	58.18%	2.994%
68	10.265	696	698	701	rVB2	376970	569780	33.39%	1.718%
69	10.322	701	703	704	rBV2	141340	197428	11.57%	0.595%
70	10.402	708	710	713	rBV4	363242	836633	49.02%	2.523%
71	10.516	717	720	722	rVB	958797	1106942	64.86%	3.338%

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72	10.630	728	730	733	rBV4	160896	291829	17.10%	0.880%
73	10.779	741	743	746	rVB	1542268	1706643	100.00%	5.146%
74	10.848	747	749	750	rBV2	208109	240909	14.12%	0.726%
75	10.985	759	761	767	rVB5	486703	1071573	62.79%	3.231%
76	11.248	781	784	787	rVB	855992	1173984	68.79%	3.540%
77	11.339	790	792	795	rBV	616261	809999	47.46%	2.442%
78	11.591	812	814	819	rVB5	375949	651119	38.15%	1.963%
79	12.551	896	898	901	rBV	370023	504585	29.57%	1.522%
80	12.779	916	918	922	rVB	497543	611291	35.82%	1.843%
81	13.979	1020	1023	1027	rVB2	615594	860062	50.39%	2.593%
82	15.397	1145	1147	1154	rVB	501446	800602	46.91%	2.414%
83	16.048	1201	1204	1212	rVB2	262847	675368	39.57%	2.037%
84	16.448	1237	1239	1247	rVB	267864	582295	34.12%	1.756%
85	16.997	1284	1287	1290	rBV2	91973	201025	11.78%	0.606%

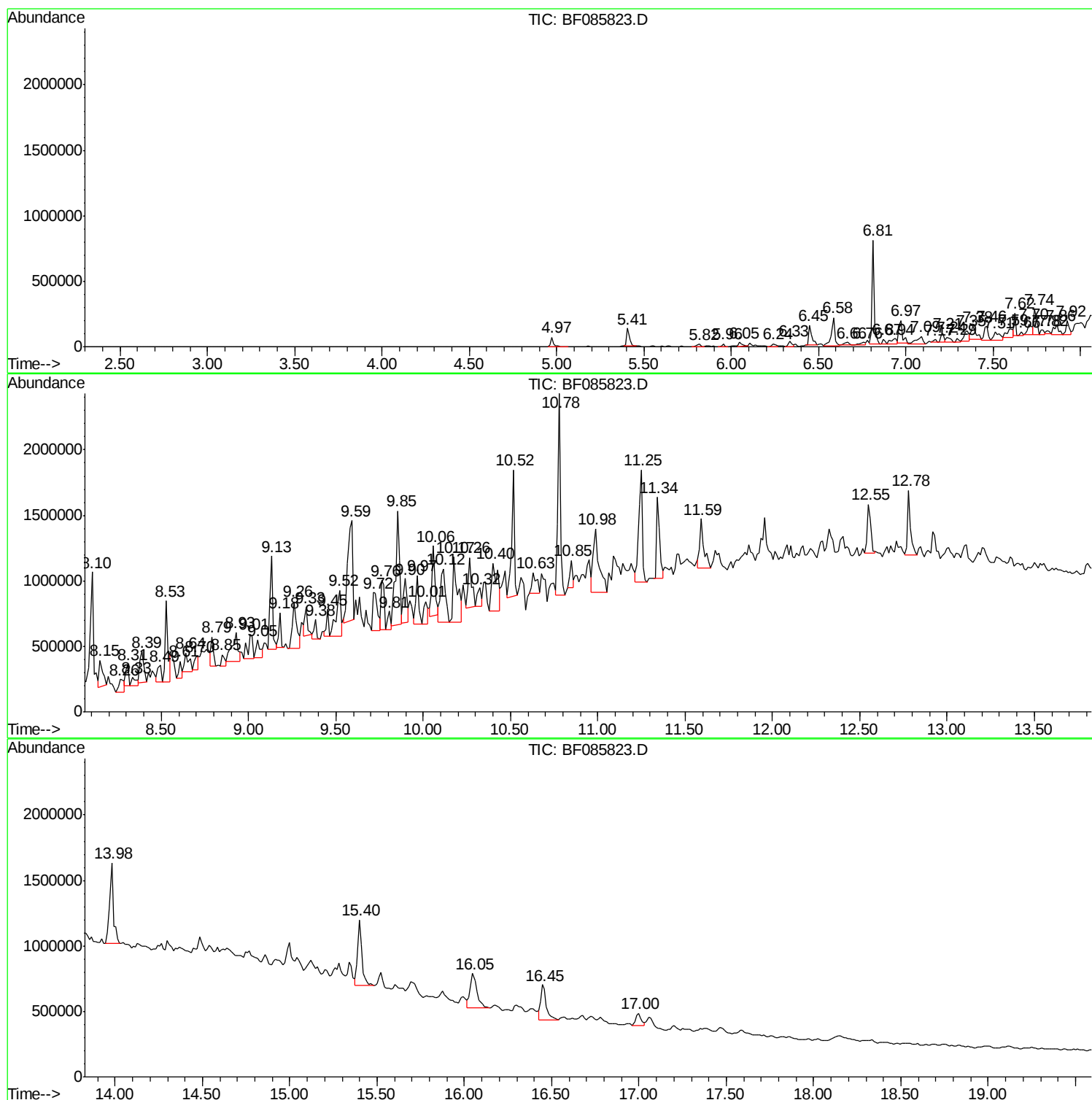
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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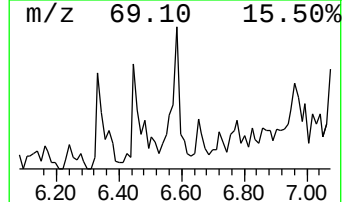
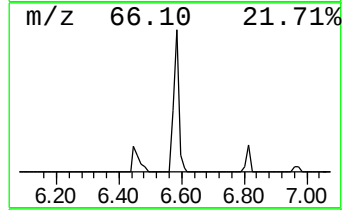
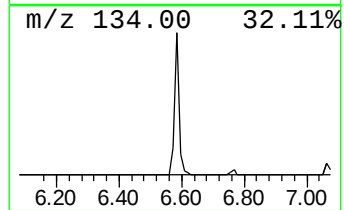
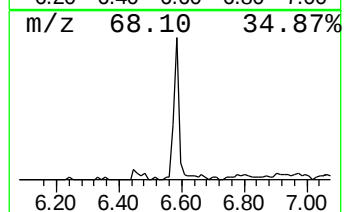
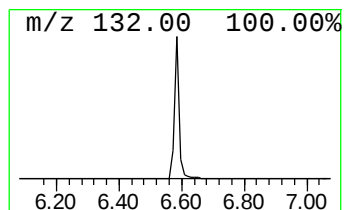
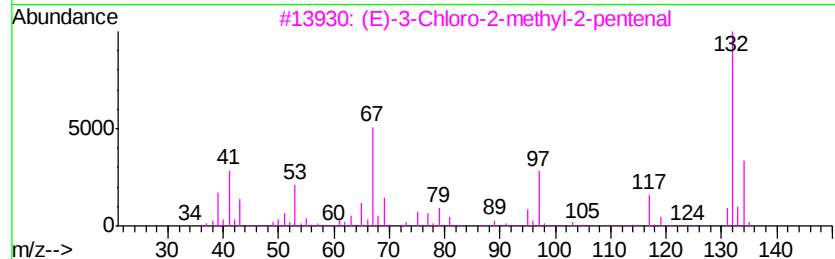
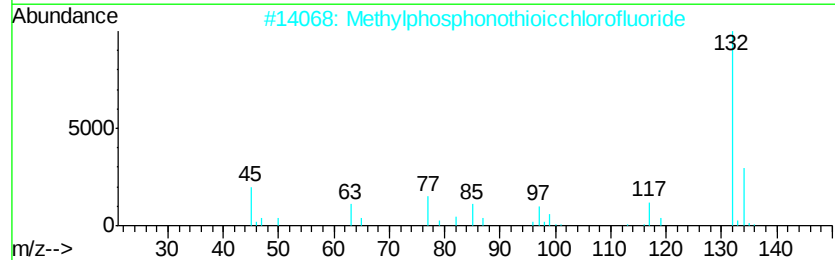
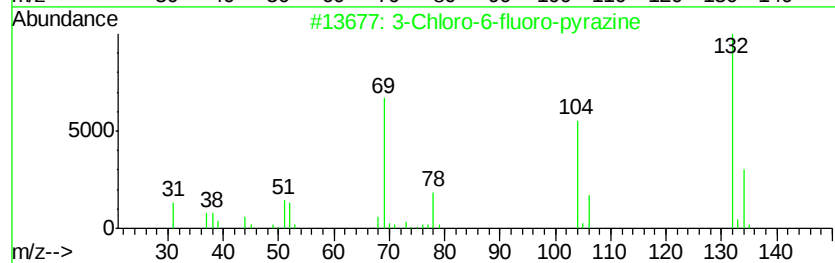
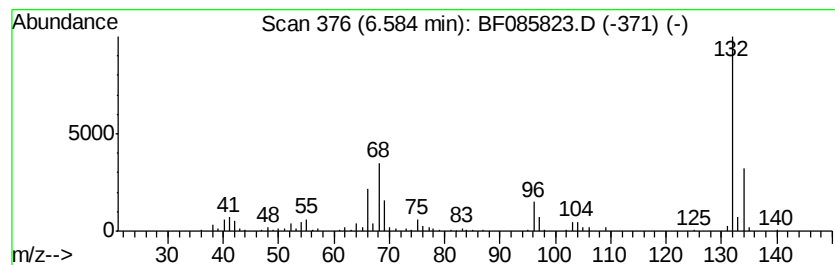
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.58 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	7.44 ng	262768	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	25
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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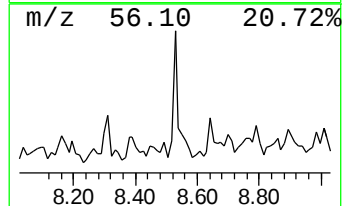
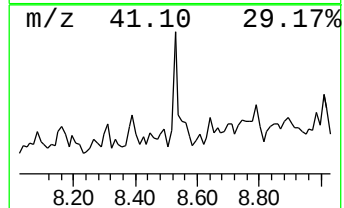
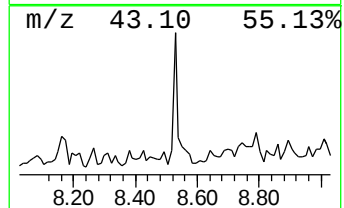
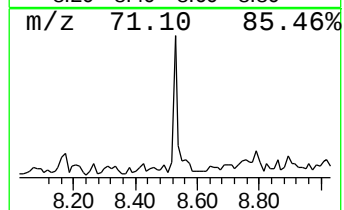
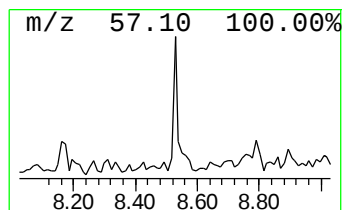
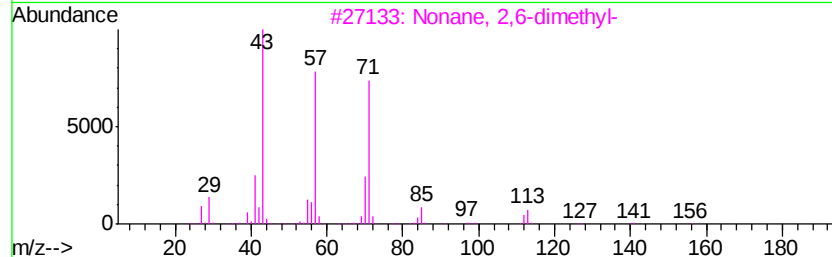
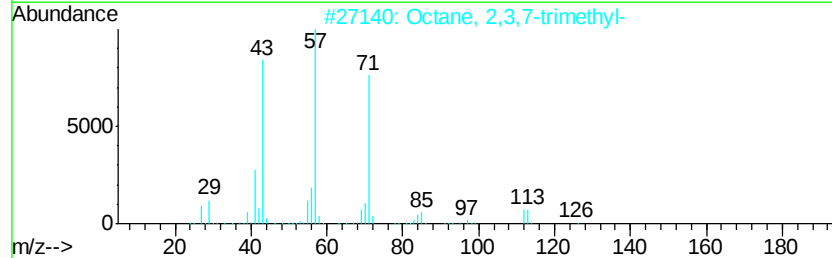
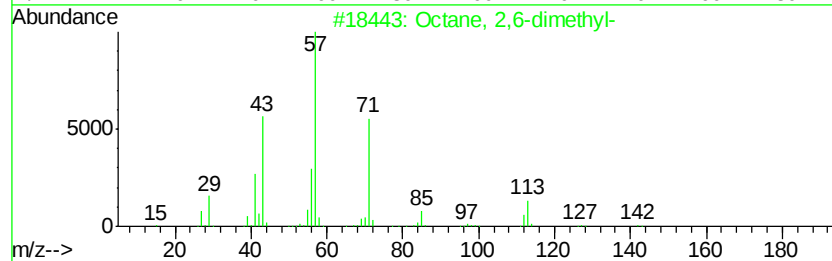
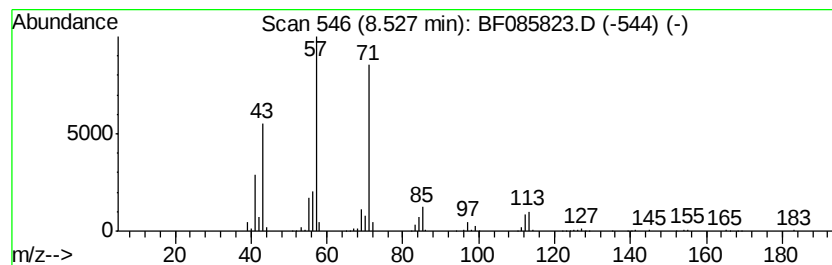
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	10.91 ng	775904	Napthalene-d8	8.10

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	83
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
5		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64



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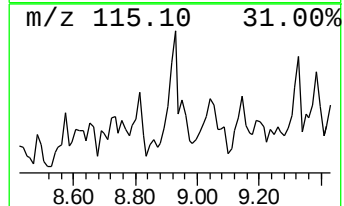
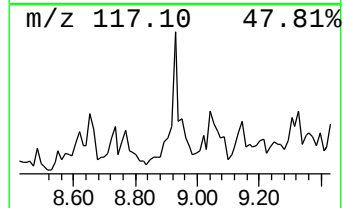
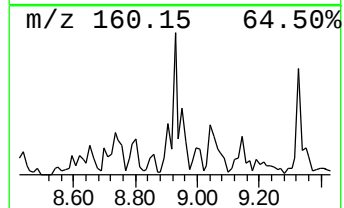
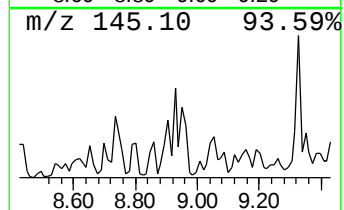
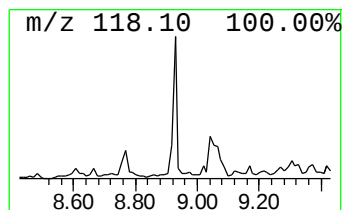
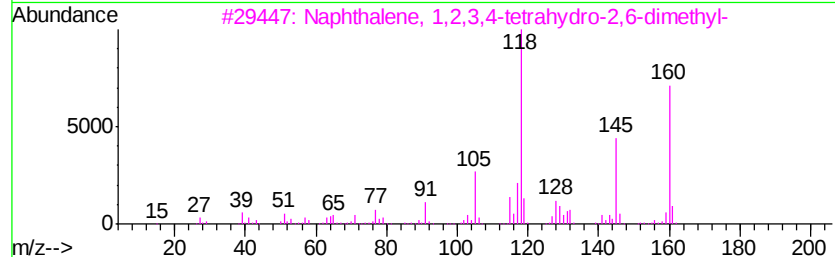
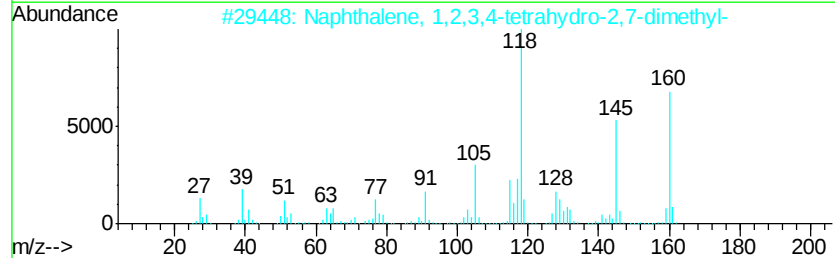
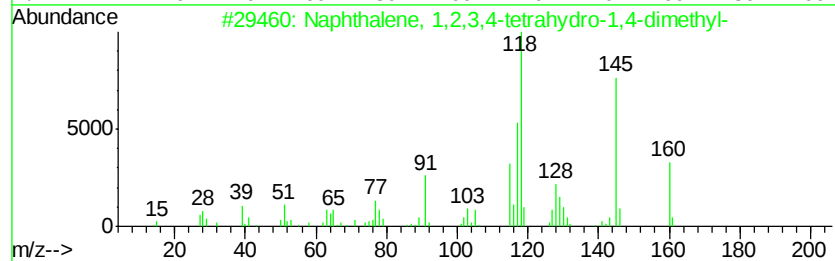
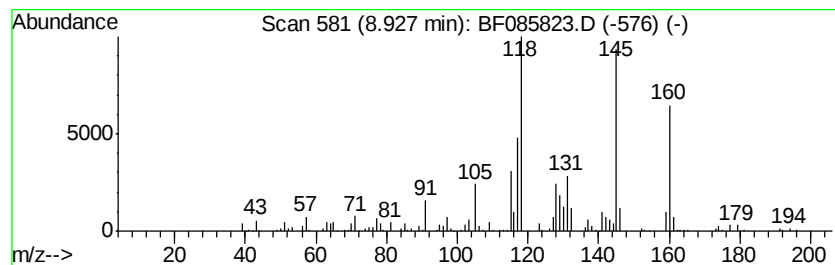
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	7.11 ng	505807	Naphthalene-d8	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
4			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60



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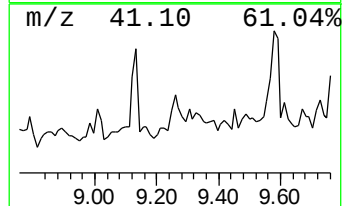
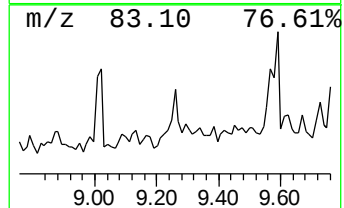
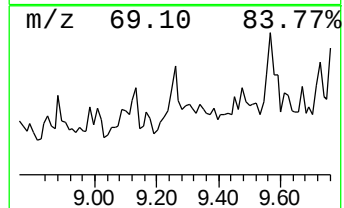
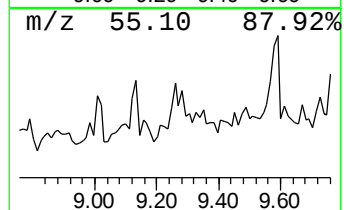
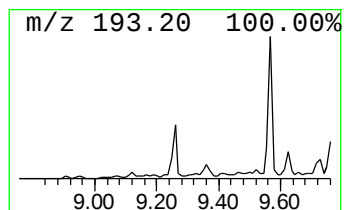
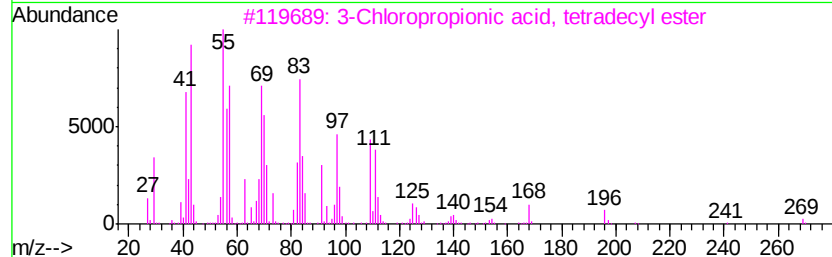
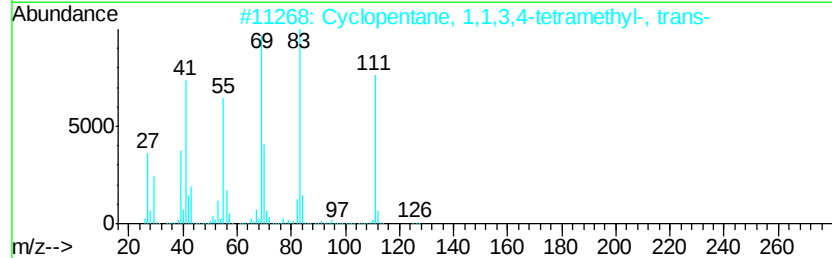
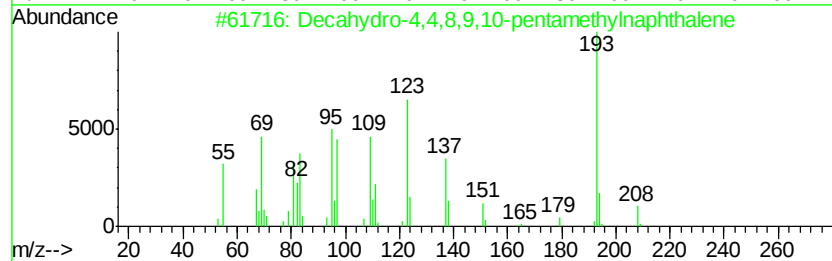
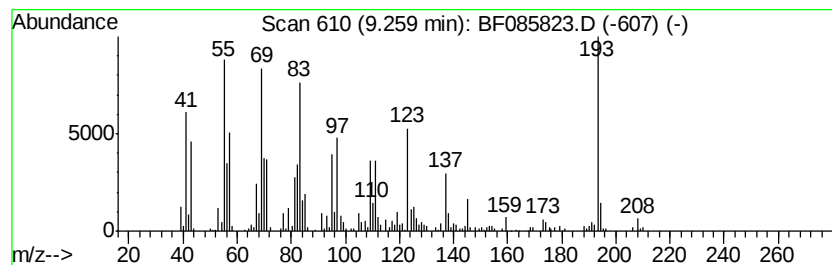
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decahydro-4,4,8,9,10-pentam... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.26	9.22 ng	663086	Acenaphthene-d10		9.85	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	89
2		Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	27
3		3-Chloropropionic acid, tetradec...	304	C17H33ClO2	064120-16-7	25
4		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	25
5		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085823.D
Acq On : 29 Mar 2016 1:29
Operator : UM/SJ
Sample : H1942-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

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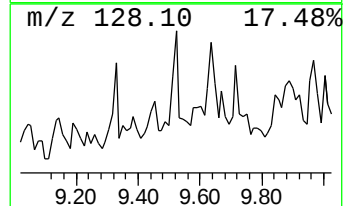
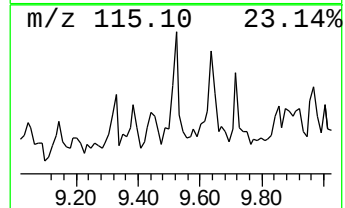
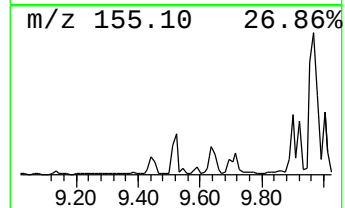
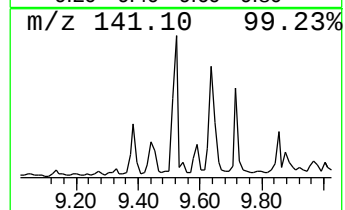
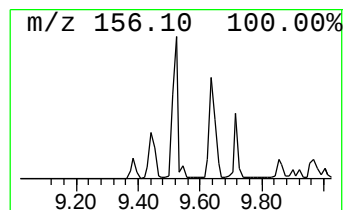
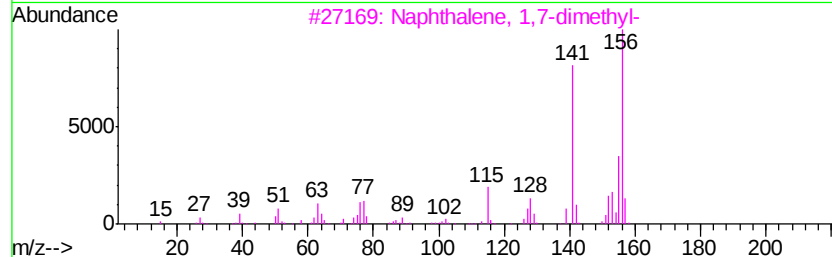
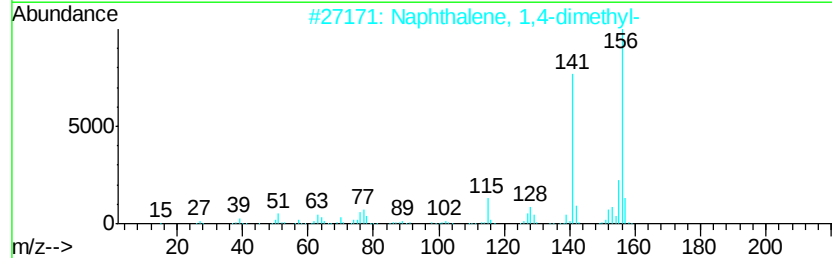
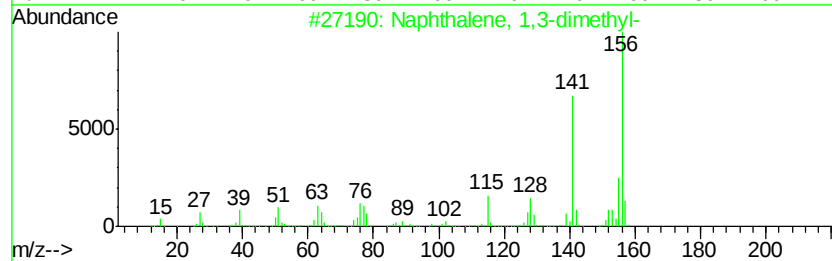
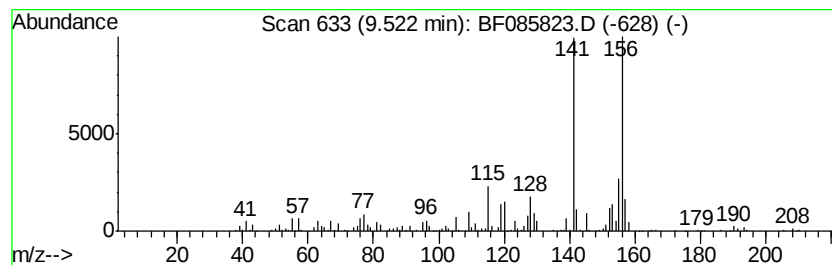
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	9.41 ng	677175	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085823.D
Acq On : 29 Mar 2016 1:29
Operator : UM/SJ
Sample : H1942-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

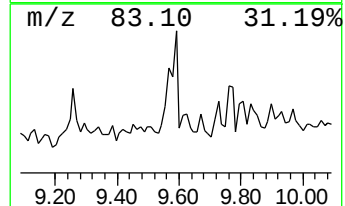
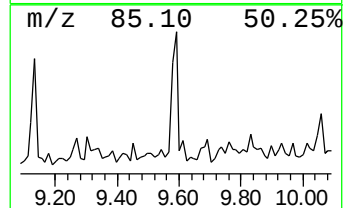
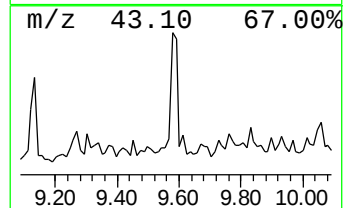
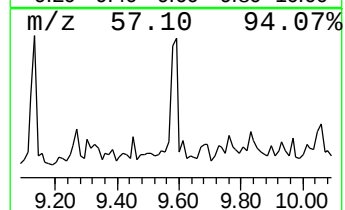
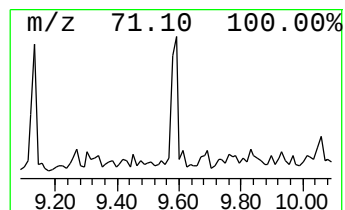
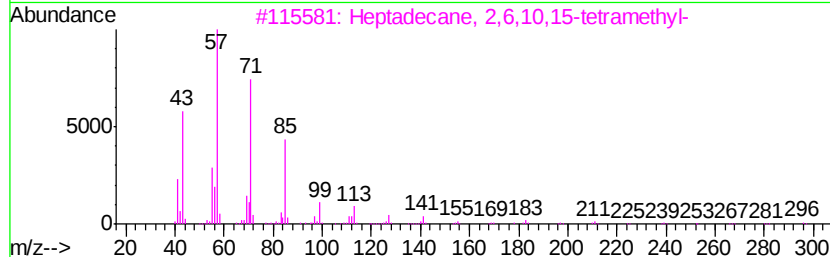
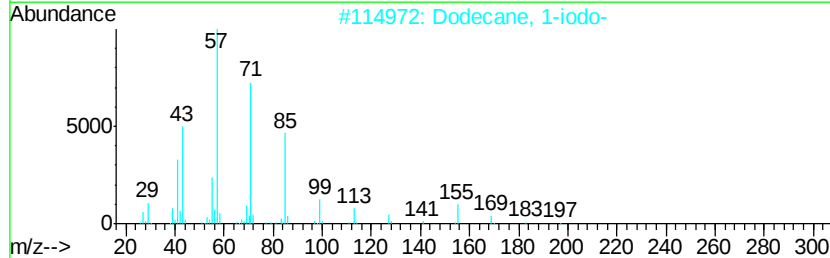
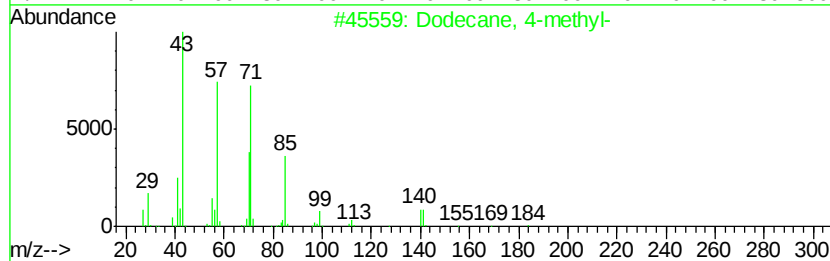
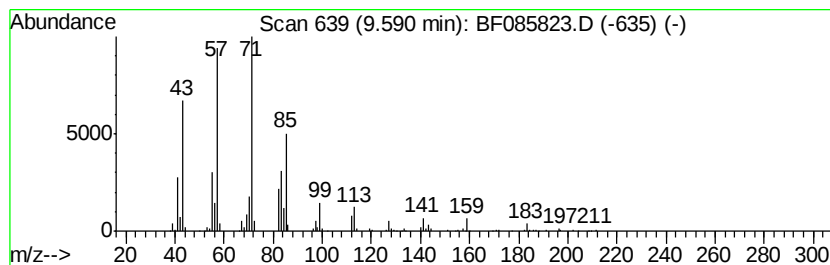
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.59	19.34 ng	1391050	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
4	Octadecane	254	C18H38	000593-45-3	47
5	Heptadecane	240	C17H36	000629-78-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085823.D
Acq On : 29 Mar 2016 1:29
Operator : UM/SJ
Sample : H1942-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

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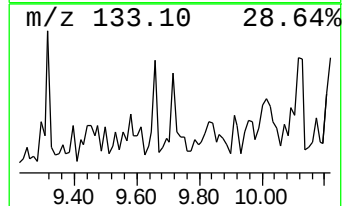
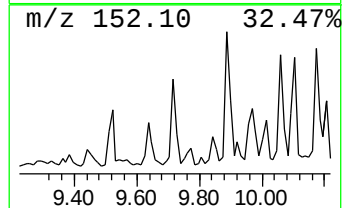
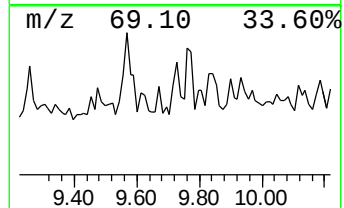
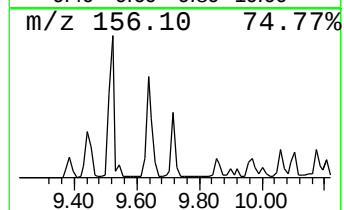
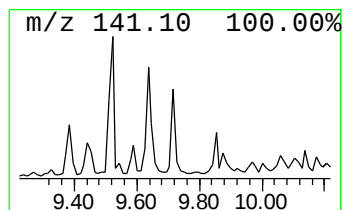
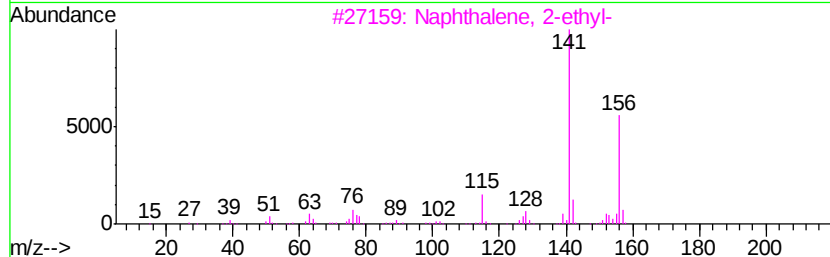
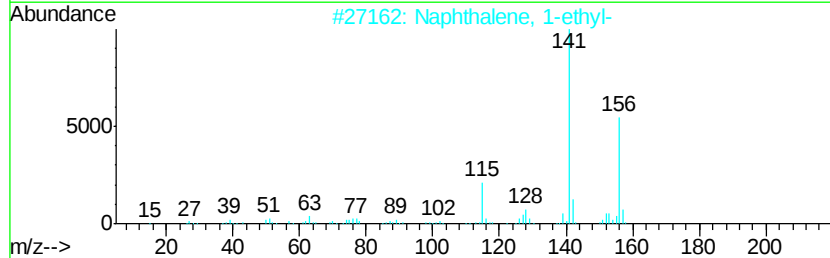
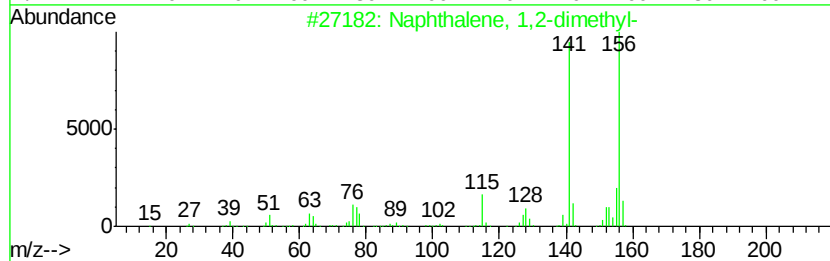
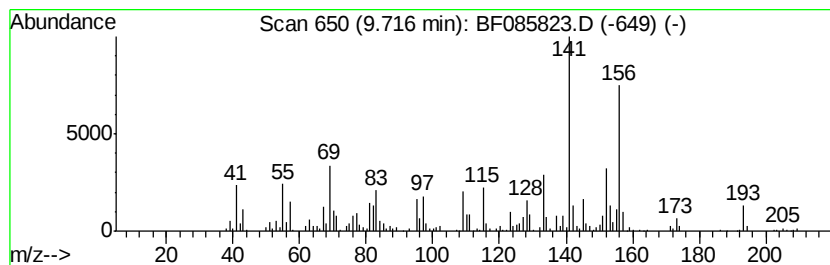
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.43 ng	534272	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
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Operator : UM/SJ
Sample : H1942-02 10X
Misc :
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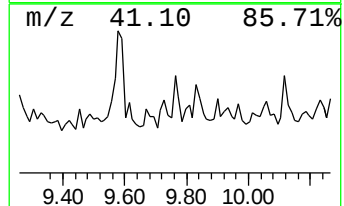
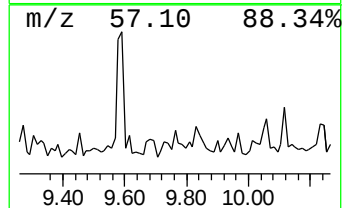
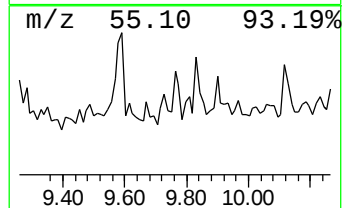
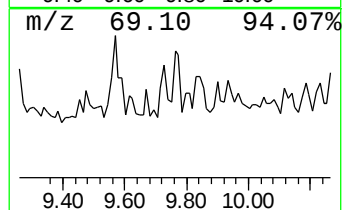
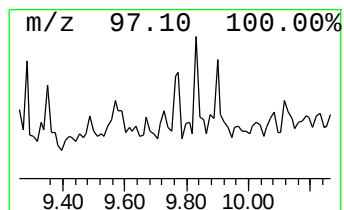
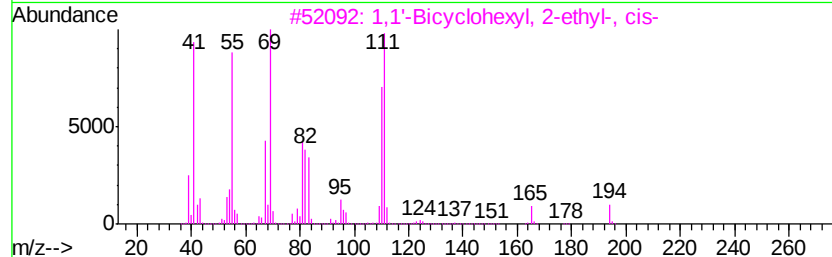
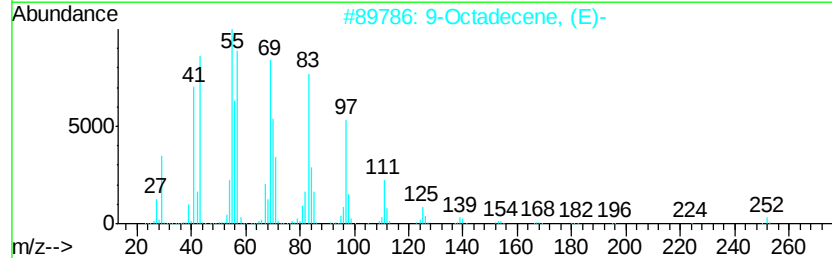
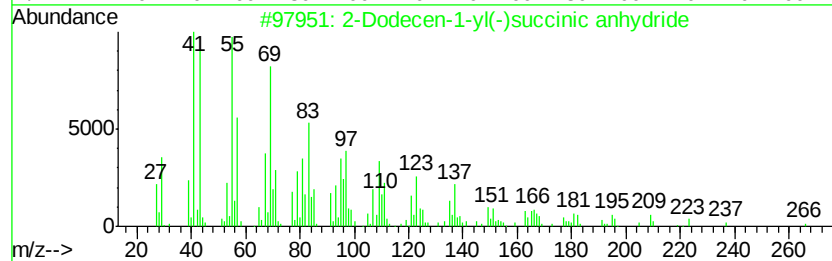
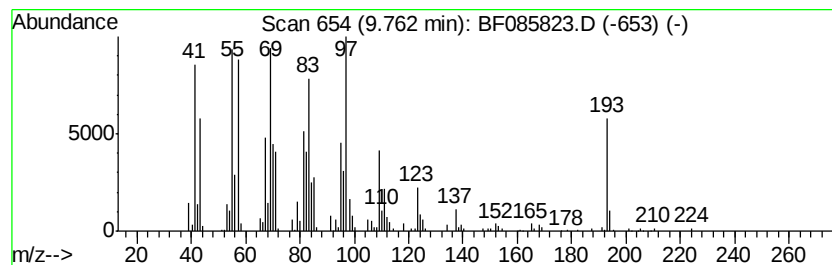
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Dodecen-1-yl(-)succinic a... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.76	6.85 ng	492735	Acenaphthene-d10	9.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	64
2		9-Octadecene, (E)-	252	C18H36	007206-25-9	38
3		1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	35
4		Triallylmethylsilane	166	C10H18Si	001112-91-0	30
5		Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085823.D
Acq On : 29 Mar 2016 1:29
Operator : UM/SJ
Sample : H1942-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

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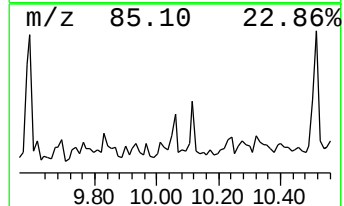
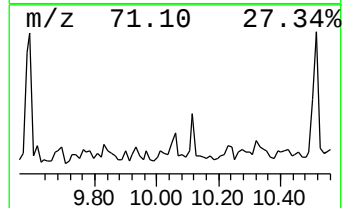
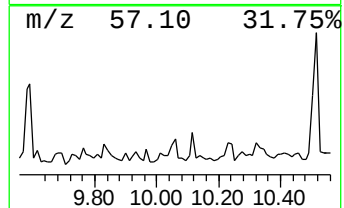
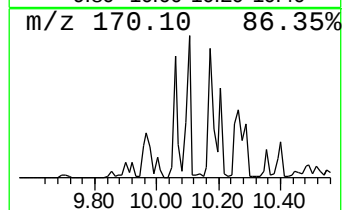
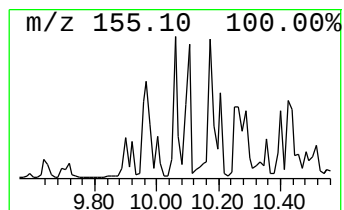
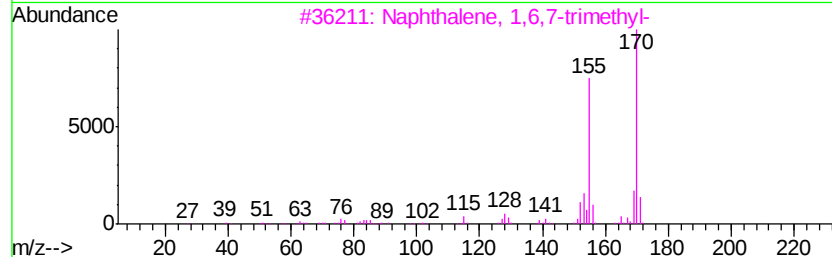
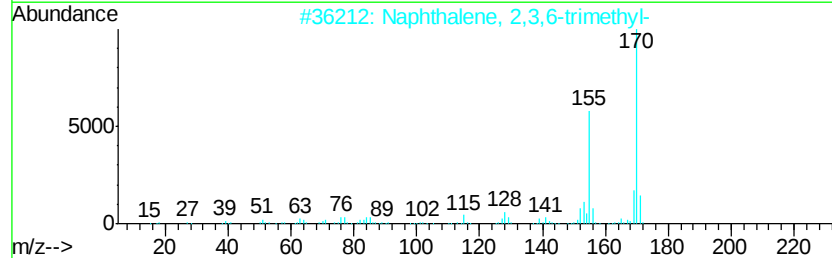
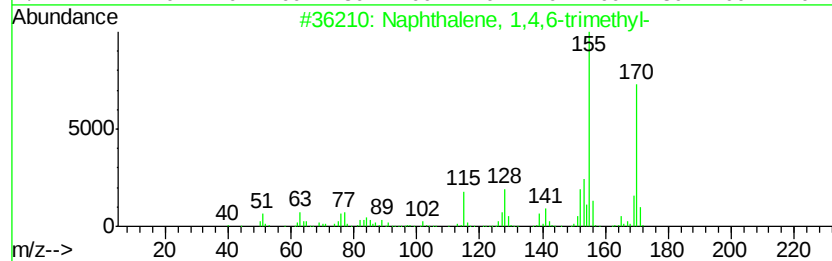
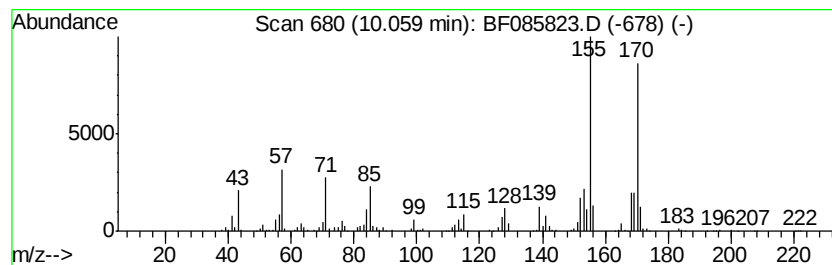
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	8.43 ng	606421	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
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Sample : H1942-02 10X
Misc :
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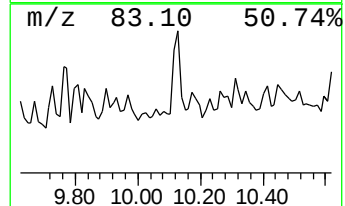
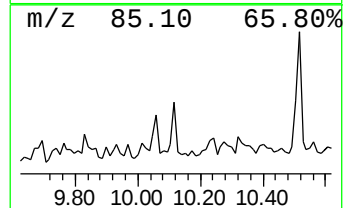
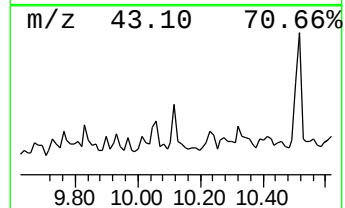
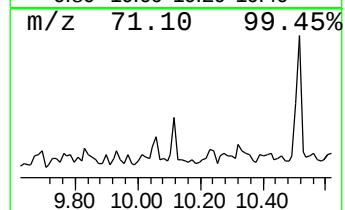
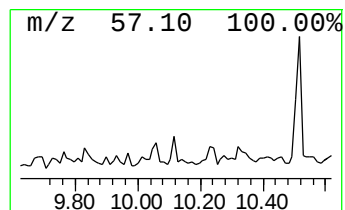
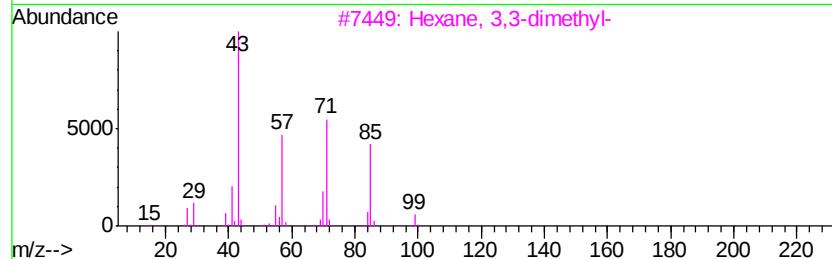
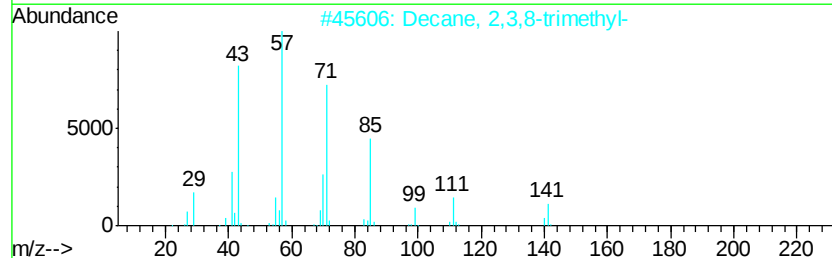
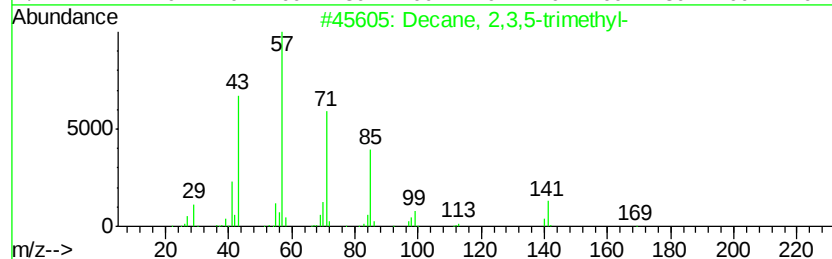
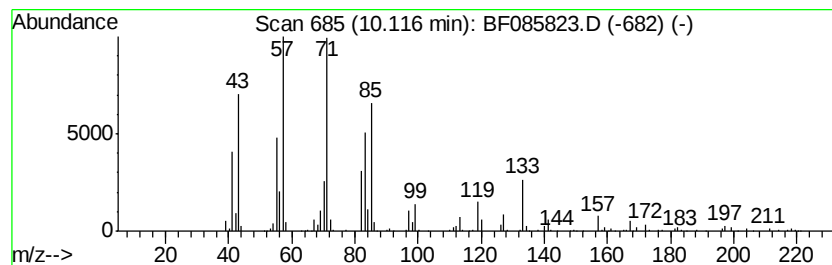
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.12 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	12.19 ng	877044	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	47
2	Decane, 2,3,8-trimethyl-	184 C13H28	062238-14-6	46
3	Hexane, 3,3-dimethyl-	114 C8H18	000563-16-6	43
4	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	43
5	Decane, 3,7-dimethyl-	170 C12H26	017312-54-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
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Operator : UM/SJ
Sample : H1942-02 10X
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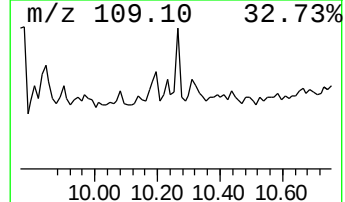
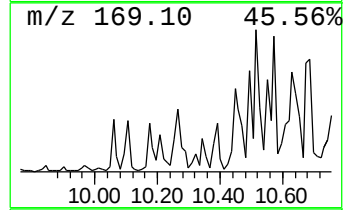
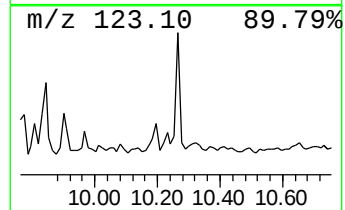
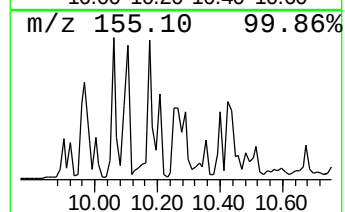
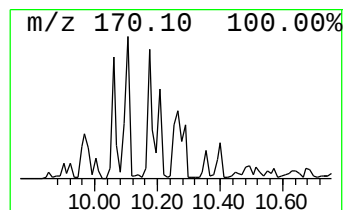
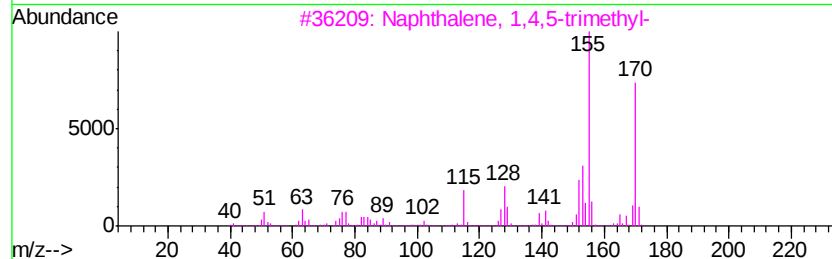
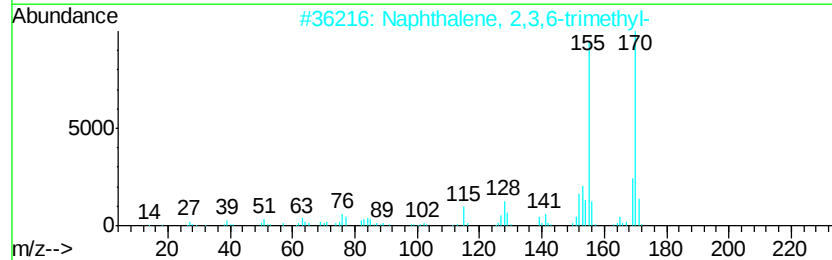
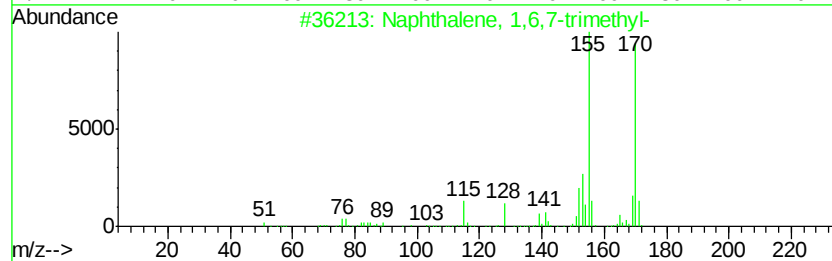
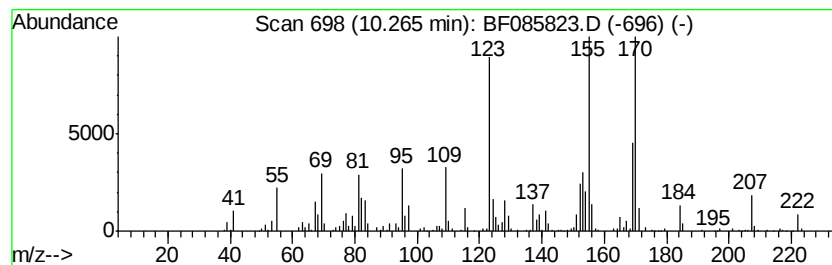
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	7.92 ng	569780	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	78
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
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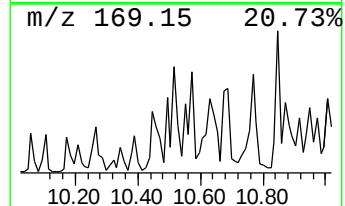
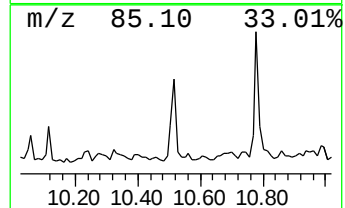
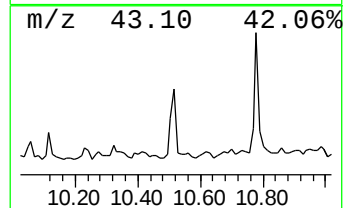
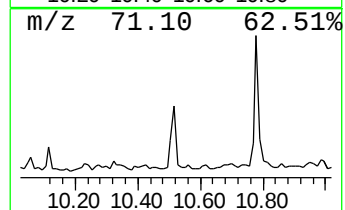
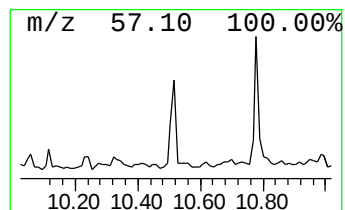
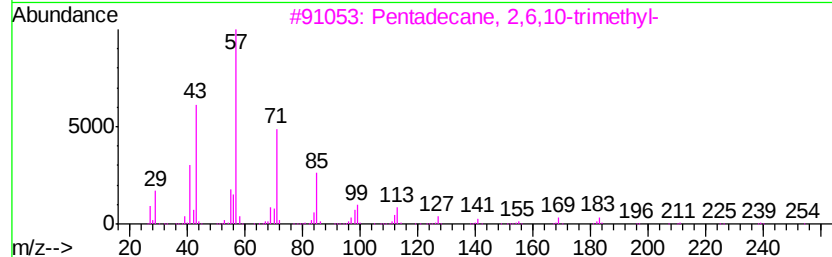
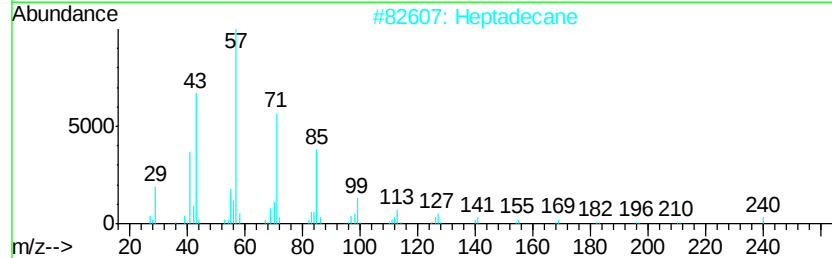
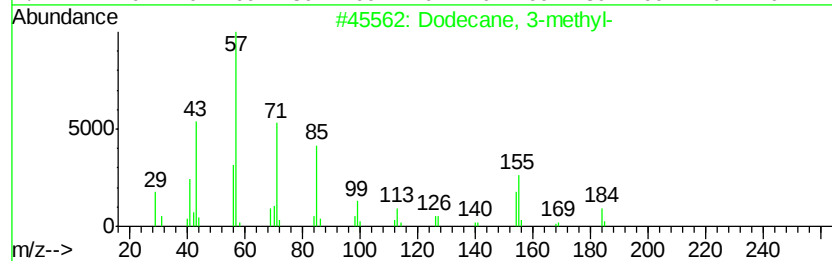
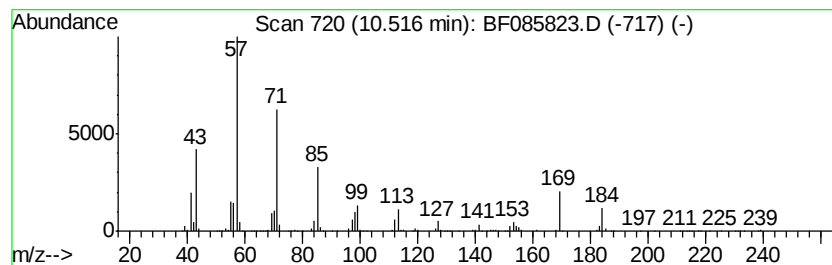
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	15.39 ng	1106940	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2		Heptadecane	240	C17H36	000629-78-7	64
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4		Hexadecane	226	C16H34	000544-76-3	58
5		Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085823.D
Acq On : 29 Mar 2016 1:29
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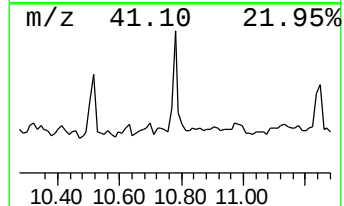
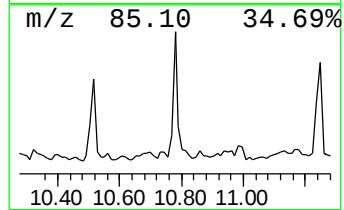
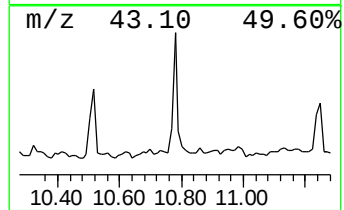
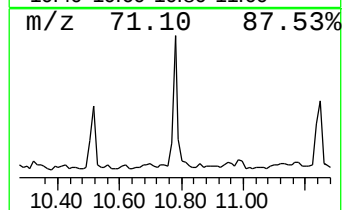
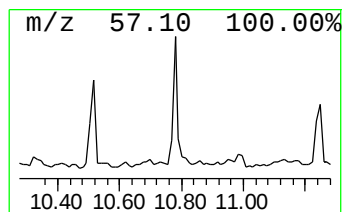
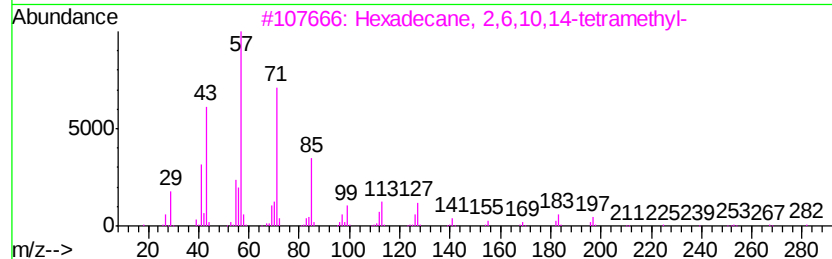
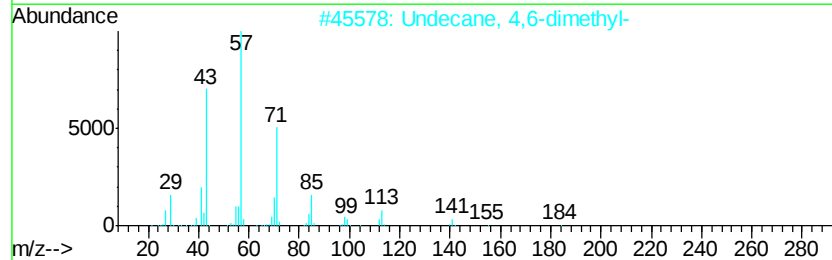
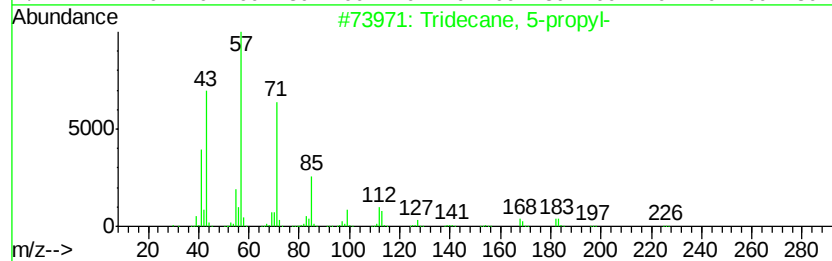
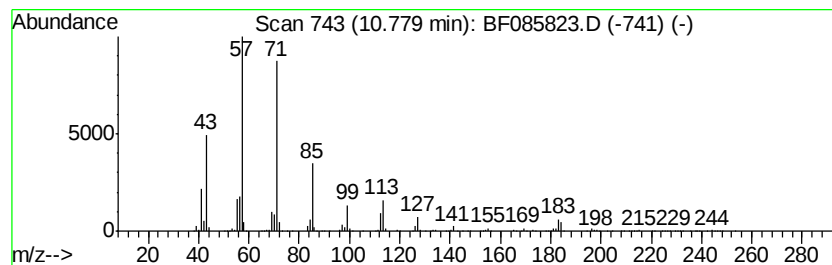
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	42.14 ng	1706640	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	86
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085823.D
Acq On : 29 Mar 2016 1:29
Operator : UM/SJ
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Misc :
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ClientSampleId :
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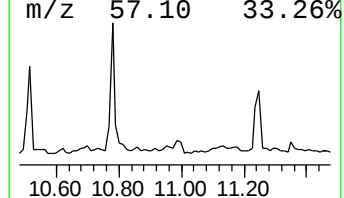
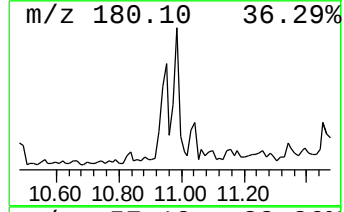
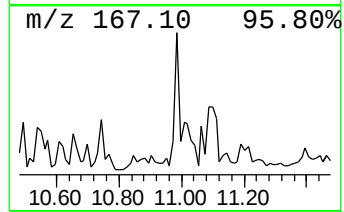
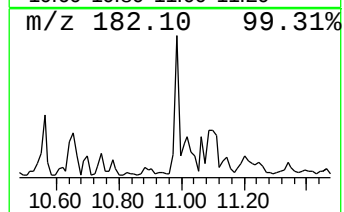
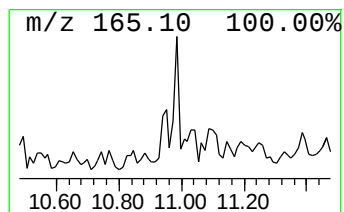
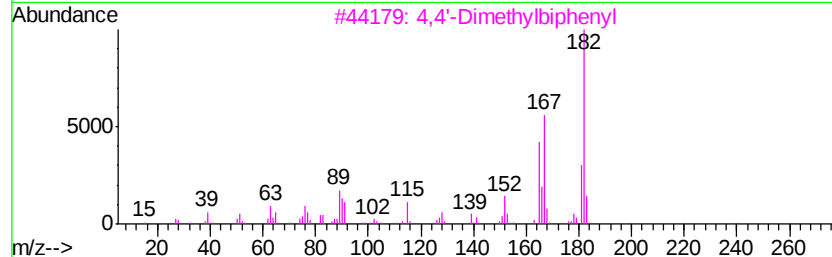
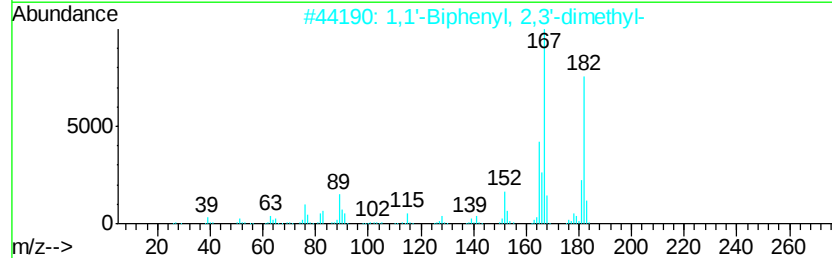
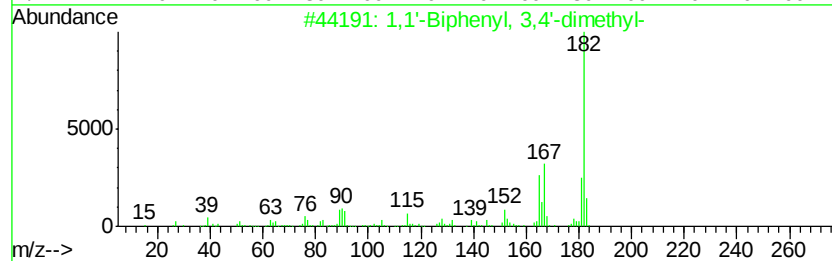
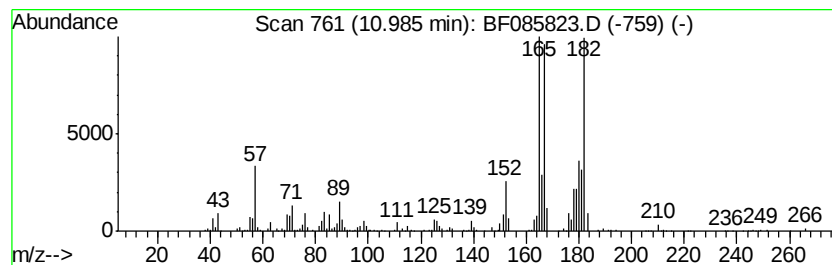
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	26.46 ng	1071570	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	62
2		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	58
3		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	58
4		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	50
5		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
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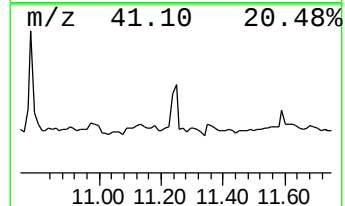
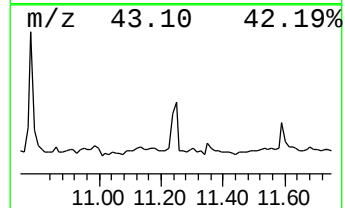
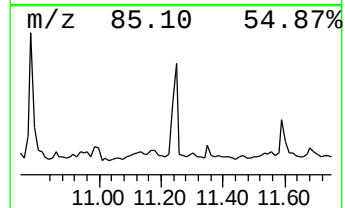
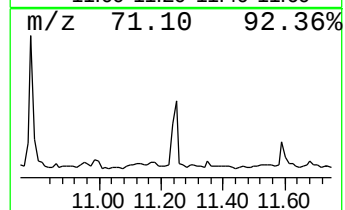
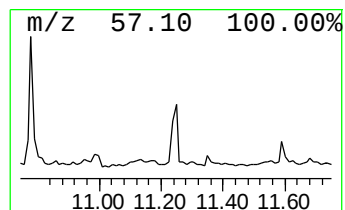
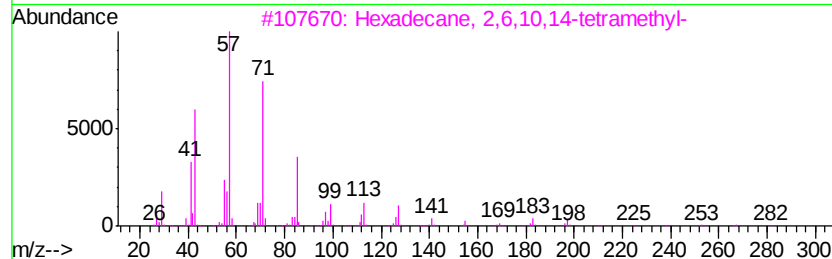
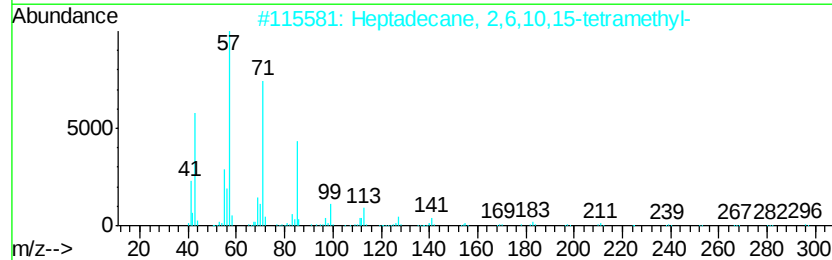
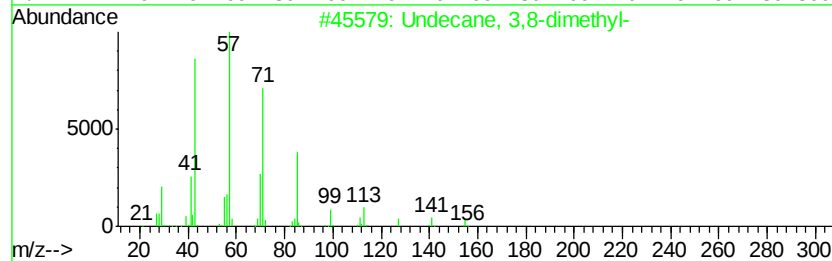
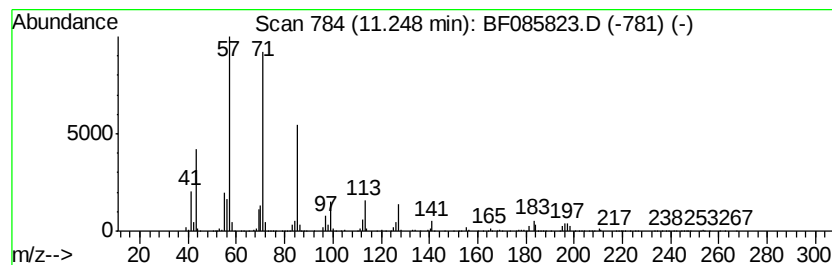
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane, 3,8-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	28.99 ng	1173980	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085823.D
Acq On : 29 Mar 2016 1:29
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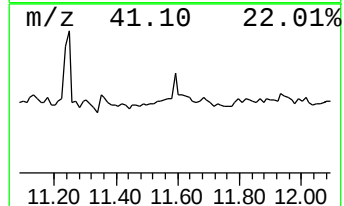
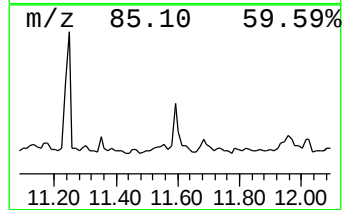
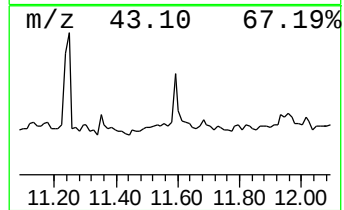
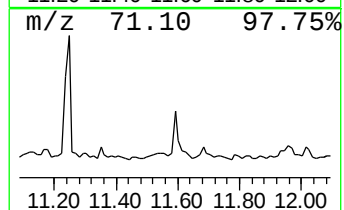
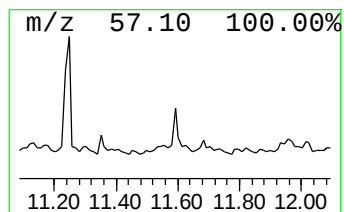
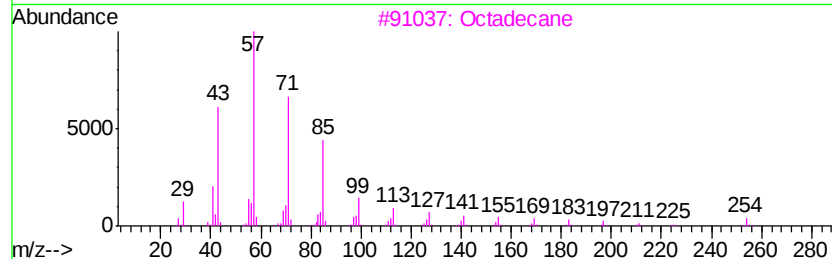
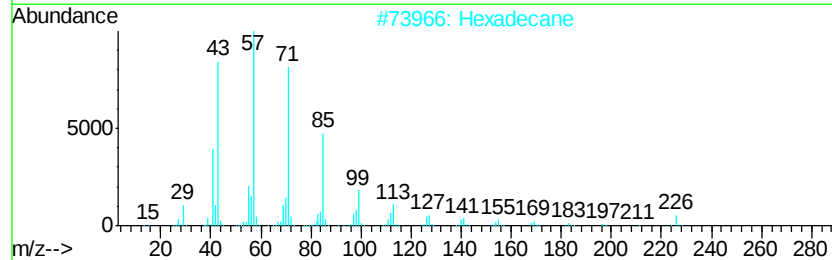
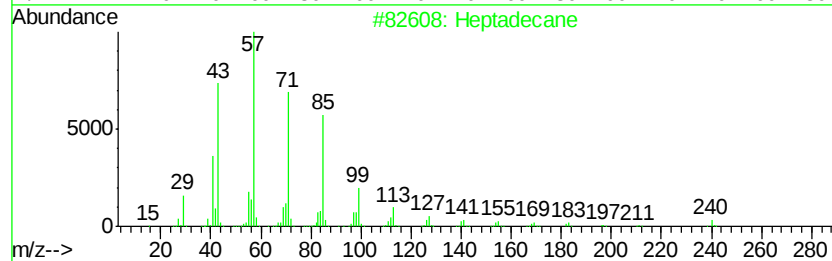
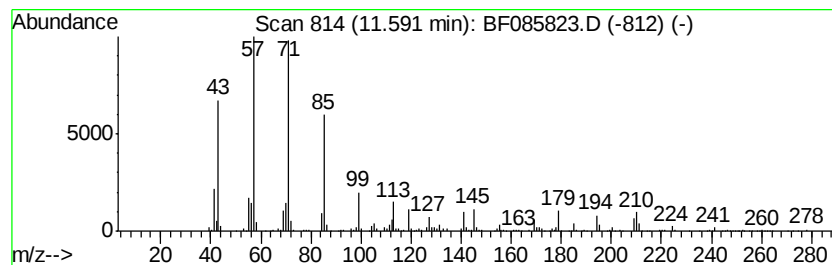
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	16.08 ng	651119	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	64
2		Hexadecane	226	C16H34	000544-76-3	64
3		Octadecane	254	C18H38	000593-45-3	59
4		Nonadecane	268	C19H40	000629-92-5	58
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
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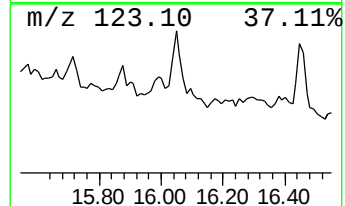
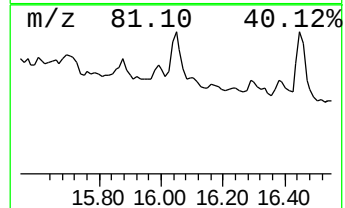
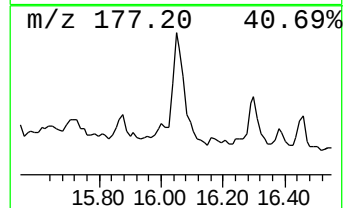
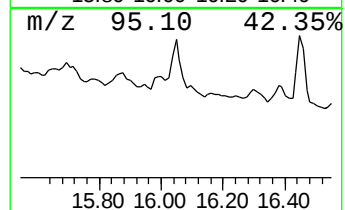
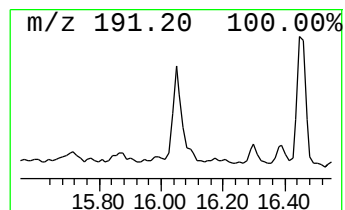
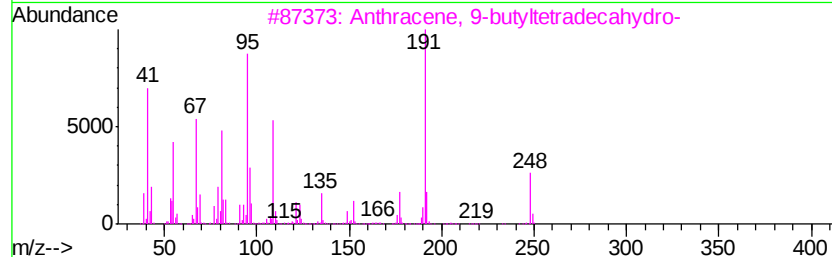
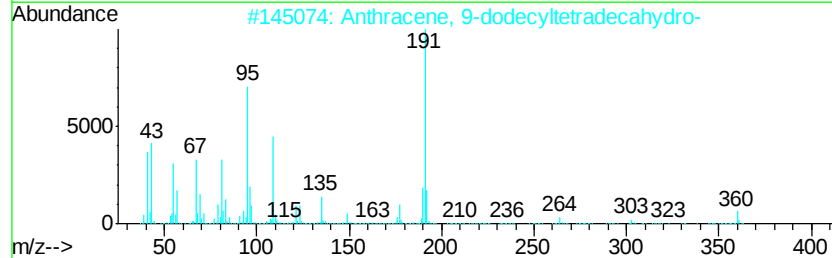
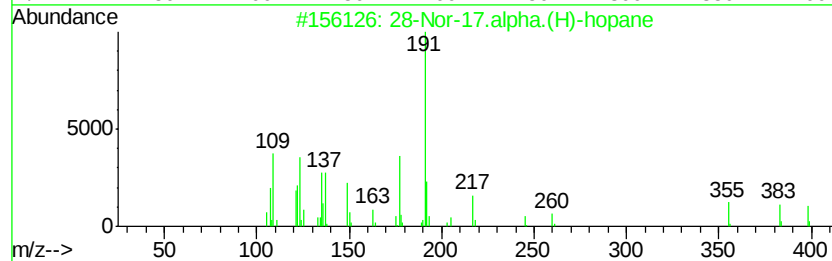
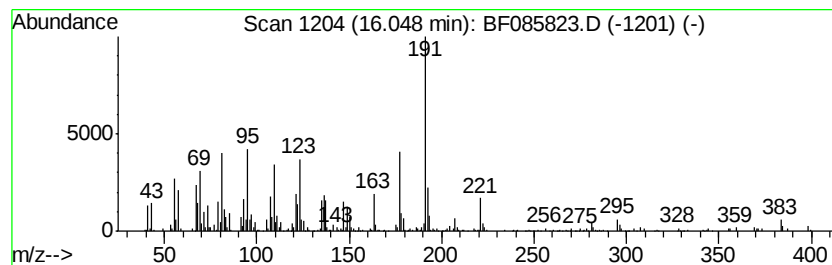
Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 28-Nor-17.alpha.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	16.87 ng	675368	Perylene-d12	15.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.alpha.(H)-hopane	398 C29H50	053584-60-4	72
2	Anthracene, 9-dodecyltetradeca...	360 C26H48	055401-75-7	47
3	Anthracene, 9-butyldodecyltetradeca...	248 C18H32	055133-89-6	40
4	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	35
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085823.D
Acq On : 29 Mar 2016 1:29
Operator : UM/SJ
Sample : H1942-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

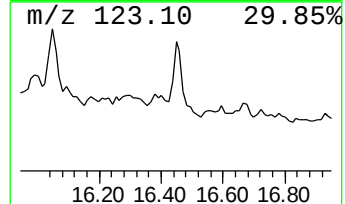
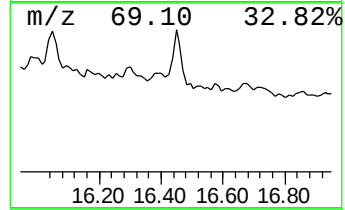
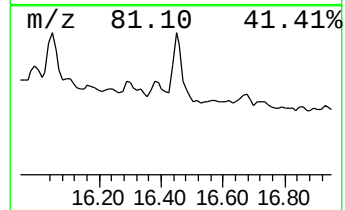
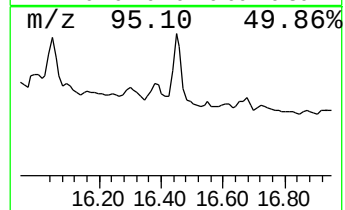
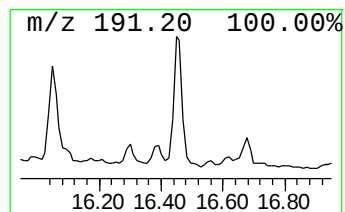
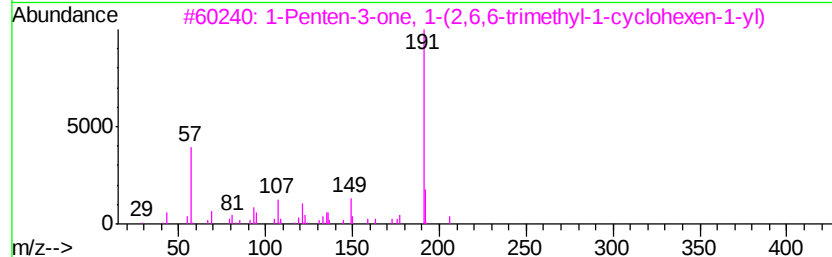
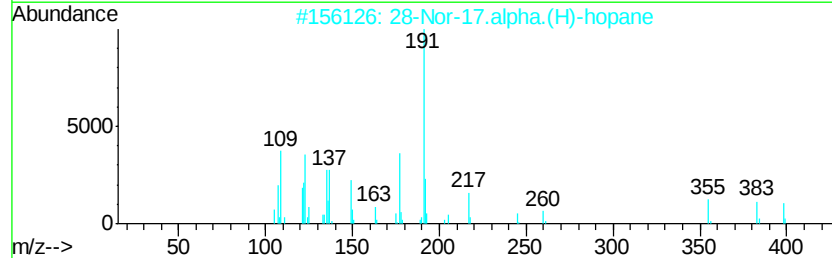
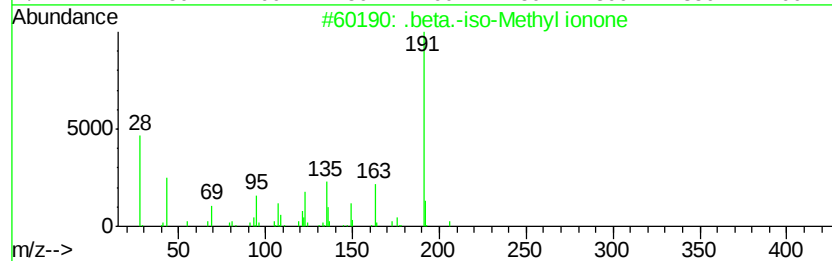
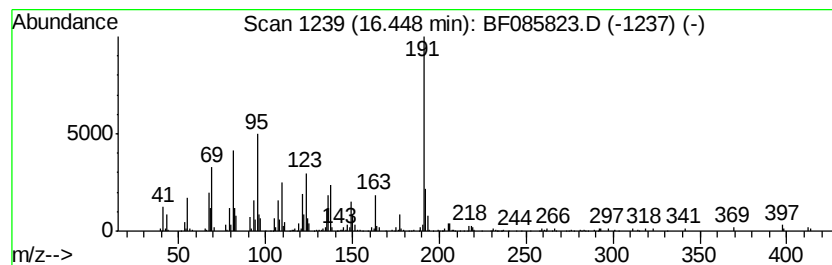
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	14.55 ng	582295	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	72
2		28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
4		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
5		4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085823.D
 Acq On : 29 Mar 2016 1:29
 Operator : UM/SJ
 Sample : H1942-02 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-927ANCOMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.58	6.58	7.4	ng	262768	1	6.81	706733	20.0
Octane, 2,6-dimet...	8.53	10.9	ng	775904	2	8.10	1422810	20.0
Naphthalene, 1,2,...	8.93	7.1	ng	505807	2	8.10	1422810	20.0
Decahydro-4,4,8,9...	9.26	9.2	ng	663086	3	9.85	1438810	20.0
Naphthalene, 1,3-...	9.52	9.4	ng	677175	3	9.85	1438810	20.0
Dodecane, 4-methyl-	9.59	19.3	ng	1391050	3	9.85	1438810	20.0
Naphthalene, 1,2-...	9.72	7.4	ng	534272	3	9.85	1438810	20.0
2-Dodecen-1-yl(-)...	9.76	6.8	ng	492735	3	9.85	1438810	20.0
Naphthalene, 1,4,...	10.06	8.4	ng	606421	3	9.85	1438810	20.0
unknown10.12	10.12	12.2	ng	877044	3	9.85	1438810	20.0
Naphthalene, 1,6,...	10.26	7.9	ng	569780	3	9.85	1438810	20.0
Dodecane, 3-methyl-	10.52	15.4	ng	1106940	3	9.85	1438810	20.0
Tridecane, 5-propyl-	10.78	42.1	ng	1706640	4	11.34	809999	20.0
1,1'-Biphenyl, 3,...	10.98	26.5	ng	1071570	4	11.34	809999	20.0
Undecane, 3,8-dim...	11.25	29.0	ng	1173980	4	11.34	809999	20.0
Heptadecane	11.59	16.1	ng	651119	4	11.34	809999	20.0
28-Nor-17.alpha.(...	16.05	16.9	ng	675368	6	15.40	800602	20.0
beta.-iso-Methyl...	16.45	14.6	ng	582295	6	15.40	800602	20.0