

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090598.D
 Acq On : 15 Oct 2016 10:17
 Operator : UM/SJ
 Sample : H5192-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

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-BF101316.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.103	240	242	245	rVV	963680	1303302	9.17%	0.400%
2	5.526	276	279	281	rBV	3872928	3709024	26.10%	1.139%
3	5.937	311	315	317	rBV2	634460	974763	6.86%	0.299%
4	5.983	317	319	323	rBV2	453944	902473	6.35%	0.277%
5	6.063	324	326	329	rVB3	956857	1402955	9.87%	0.431%
6	6.120	329	331	332	rBV	468753	634882	4.47%	0.195%
7	6.166	332	335	338	rBV2	2543419	3126785	22.01%	0.961%
8	6.223	338	340	341	rBV	1042002	1011676	7.12%	0.311%
9	6.280	344	345	349	rVB2	431601	675468	4.75%	0.207%
10	6.360	349	352	354	rBV2	1241322	2253346	15.86%	0.692%
11	6.417	356	357	358	rVB	995428	682864	4.81%	0.210%
12	6.452	358	360	364	rBV4	1336662	2376746	16.73%	0.730%
13	6.554	366	369	371	rBV	3402200	4458057	31.38%	1.369%
14	6.623	373	375	376	rVB	526583	645813	4.55%	0.198%
15	6.692	376	381	385	rBV3	4176087	8479452	59.68%	2.605%
16	6.772	385	388	390	rBV3	751562	1620163	11.40%	0.498%
17	6.886	393	398	399	rBV4	862651	2373596	16.71%	0.729%
18	6.943	401	403	404	rVB	2419962	2909827	20.48%	0.894%
19	6.977	404	406	408	rVB	1380975	1902587	13.39%	0.584%
20	7.046	408	412	413	rBV3	1342026	3395900	23.90%	1.043%
21	7.069	413	414	416	rBV2	4147896	5643150	39.72%	1.734%
22	7.172	420	423	424	rBV3	1803861	3033440	21.35%	0.932%
23	7.195	424	425	427	rVB	2142216	2742856	19.30%	0.843%
24	7.240	427	429	430	rBV2	1295767	1697517	11.95%	0.521%
25	7.275	430	432	433	rVB2	850325	894187	6.29%	0.275%
26	7.320	433	436	437	rBV2	2696263	2812975	19.80%	0.864%
27	7.355	437	439	441	rVB3	843613	1321931	9.30%	0.406%
28	7.400	441	443	445	rBV3	478544	697127	4.91%	0.214%
29	7.457	445	448	450	rBV3	4228531	8849409	62.28%	2.718%
30	7.572	456	458	460	rVB2	3129379	4797678	33.77%	1.474%
31	7.640	460	464	466	rBV2	2113906	5969096	42.01%	1.834%
32	7.697	466	469	471	rVV2	3026835	6441693	45.34%	1.979%
33	7.732	471	472	474	rVB2	2785084	2901231	20.42%	0.891%
34	7.857	477	483	484	rBV3	3650393	10812345	76.10%	3.321%

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 Integrator: RTE
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 Sampling : 1
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.892	484	486	488	rVB3	1793635	2728872	19.21%	0.838%
36	7.972	492	493	496	rVB3	1897554	2713464	19.10%	0.834%
37	8.029	496	498	501	rBV3	1661980	2974455	20.93%	0.914%
38	8.086	501	503	505	rBV2	2476496	3681369	25.91%	1.131%
39	8.120	505	506	507	rVB	1284780	880717	6.20%	0.271%
40	8.200	507	513	515	rBV5	4335320	14208723	100.00%	4.365%
41	8.280	517	520	521	rVB2	3053104	4802012	33.80%	1.475%
42	8.372	526	528	529	rBV2	1631295	2136633	15.04%	0.656%
43	8.418	530	532	534	rVV2	2172291	3439942	24.21%	1.057%
44	8.509	537	540	542	rVV3	4071852	6818401	47.99%	2.095%
45	8.600	546	548	550	rVV	2981676	3365293	23.68%	1.034%
46	8.646	550	552	554	rVV	4881455	6967829	49.04%	2.140%
47	8.680	554	555	557	rVB2	2471524	2457775	17.30%	0.755%
48	8.726	557	559	560	rBV	2142321	2139558	15.06%	0.657%
49	8.783	560	564	565	rVV3	1377090	3286782	23.13%	1.010%
50	8.806	565	566	568	rVV2	1876451	3493015	24.58%	1.073%
51	8.875	568	572	573	rVV3	2373411	6423722	45.21%	1.973%
52	8.909	573	575	577	rVB3	3789158	5086367	35.80%	1.562%
53	8.966	579	580	581	rBV	1422510	1292783	9.10%	0.397%
54	9.046	586	587	590	rVV3	2725509	4096565	28.83%	1.258%
55	9.103	590	592	593	rVV2	1393496	2167081	15.25%	0.666%
56	9.126	593	594	596	rVB2	2640655	2946487	20.74%	0.905%
57	9.252	602	605	607	rVB2	3696795	4662063	32.81%	1.432%
58	9.298	607	609	611	rVB2	2544831	2969742	20.90%	0.912%
59	9.378	614	616	619	rBV3	2110520	4354033	30.64%	1.338%
60	9.503	626	627	629	rVB2	1804242	1639245	11.54%	0.504%
61	9.640	634	639	642	rBV3	4000462	8720362	61.37%	2.679%
62	9.709	642	645	646	rVV2	3430795	6722509	47.31%	2.065%
63	9.755	648	649	654	rVB5	2697841	4213095	29.65%	1.294%
64	9.846	654	657	659	rBV3	1808263	2868055	20.19%	0.881%
65	9.892	659	661	663	rVB3	2123268	2135860	15.03%	0.656%
66	9.972	665	668	670	rBV3	2360499	4634579	32.62%	1.424%
67	10.018	670	672	673	rBV2	2083974	2426715	17.08%	0.745%
68	10.086	676	678	680	rVB	2630376	3377540	23.77%	1.038%
69	10.132	680	682	684	rBV3	1168472	2571432	18.10%	0.790%
70	10.178	684	686	688	rVB	2883601	3912141	27.53%	1.202%
71	10.223	688	690	695	rVB3	3559713	7003411	49.29%	2.151%

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 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
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72	10.303	695	697	698	rBV2	2731571	4289311	30.19%	1.318%
73	10.395	702	705	707	rVB3	1648639	3538789	24.91%	1.087%
74	10.441	707	709	710	rBV2	771589	628432	4.42%	0.193%
75	10.521	714	716	717	rBV2	2390485	3159503	22.24%	0.971%
76	10.635	723	726	728	rVB	3720702	5866151	41.29%	1.802%
77	10.681	728	730	732	rVB3	1484826	2318664	16.32%	0.712%
78	10.749	734	736	737	rBV2	1080910	884161	6.22%	0.272%
79	10.898	747	749	753	rVB2	4534927	7887175	55.51%	2.423%
80	10.966	753	755	757	rBV3	1233491	1570053	11.05%	0.482%
81	11.069	762	764	765	rBV2	1166513	1239672	8.72%	0.381%
82	11.103	765	767	770	rVB3	2085690	2451286	17.25%	0.753%
83	11.218	775	777	780	rBV4	1054630	2221840	15.64%	0.683%
84	11.366	787	790	792	rVB	4620698	6691102	47.09%	2.055%
85	11.492	797	801	802	rBV3	1818106	4395555	30.94%	1.350%
86	11.709	818	820	825	rVB3	2669107	3922626	27.61%	1.205%
87	11.789	825	827	833	rVB6	1280639	3817755	26.87%	1.173%
88	11.961	841	842	843	rBV	1144253	1215828	8.56%	0.373%
89	11.995	843	845	847	rVB	1583738	1812804	12.76%	0.557%
90	12.075	850	852	853	rVB	1407721	1303528	9.17%	0.400%
91	12.326	872	874	878	rVB5	411307	637488	4.49%	0.196%
92	12.406	879	881	882	rVV	702718	852392	6.00%	0.262%
93	12.441	882	884	888	rVB	1400524	1902961	13.39%	0.585%
94	12.509	888	890	892	rBV	896116	1165312	8.20%	0.358%
95	12.921	922	926	927	rBV2	317222	672334	4.73%	0.207%
96	13.035	934	936	941	rVB	2167709	3449607	24.28%	1.060%
97	13.927	1011	1014	1022	rVB	272940	682340	4.80%	0.210%
98	14.087	1026	1028	1034	rBV	781407	1454085	10.23%	0.447%
99	15.561	1154	1157	1162	rVB	546983	1083911	7.63%	0.333%
100	15.881	1183	1185	1192	rVB2	245538	644477	4.54%	0.198%

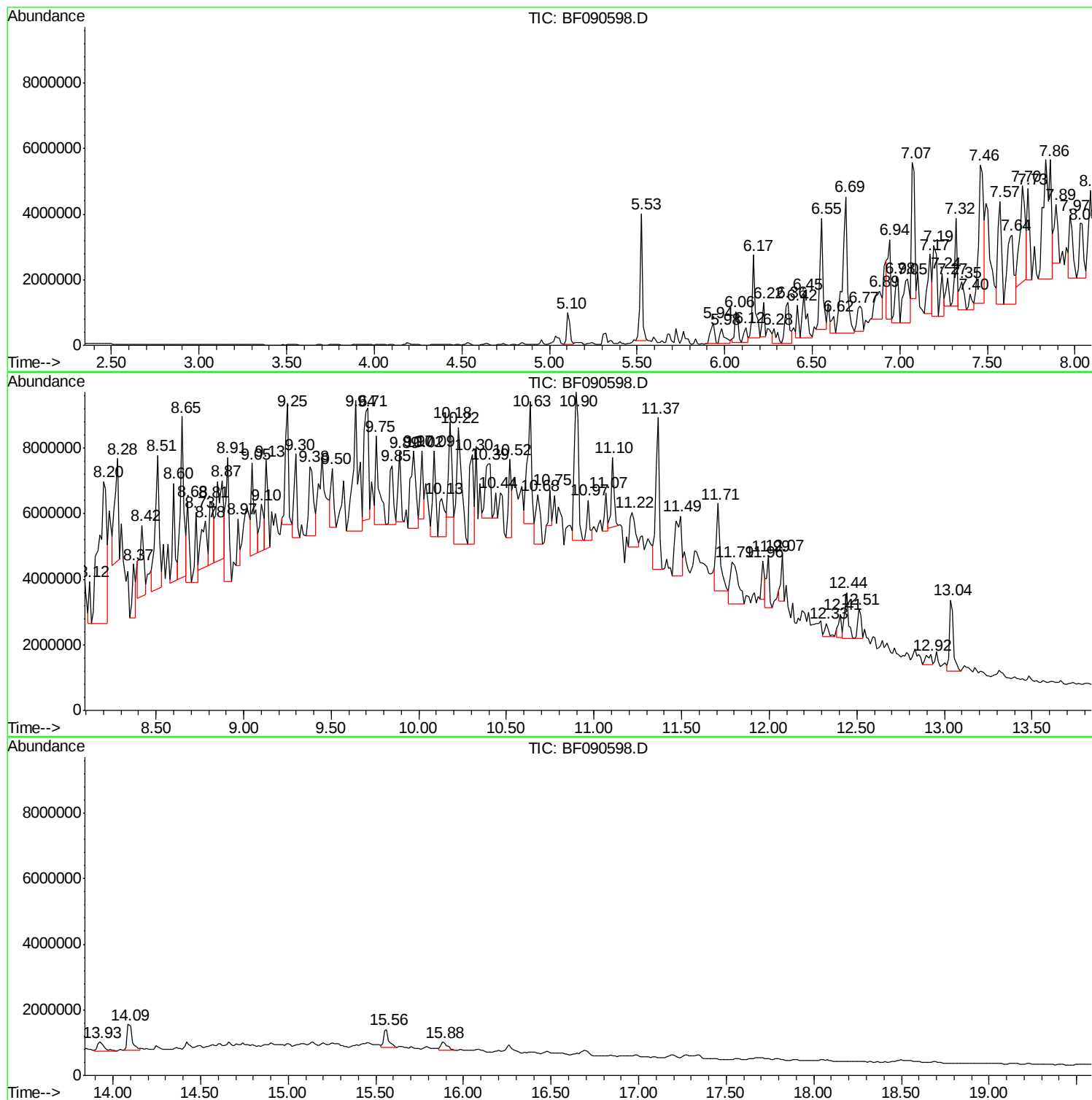
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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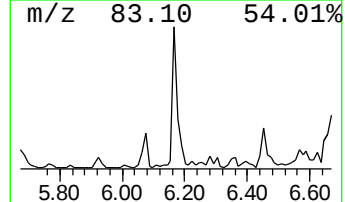
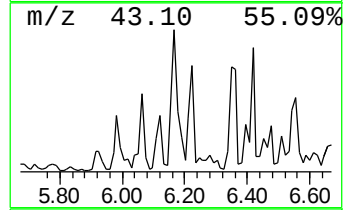
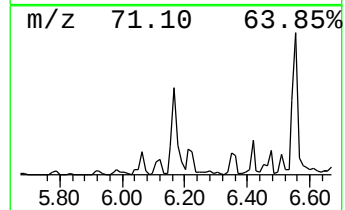
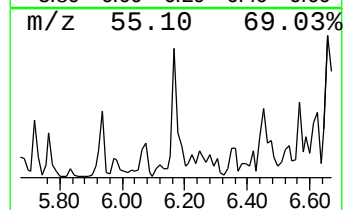
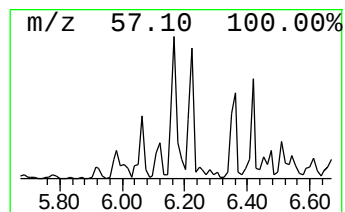
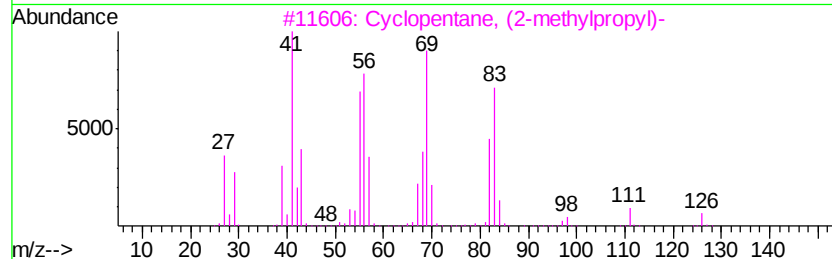
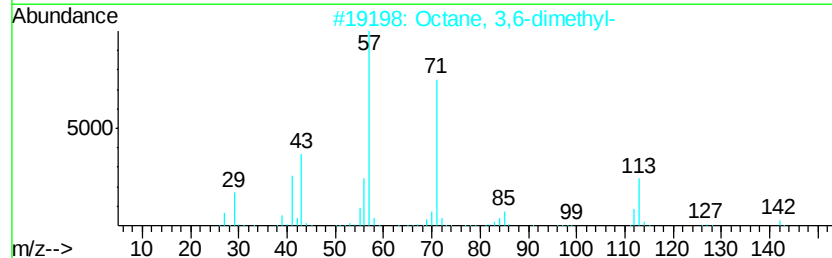
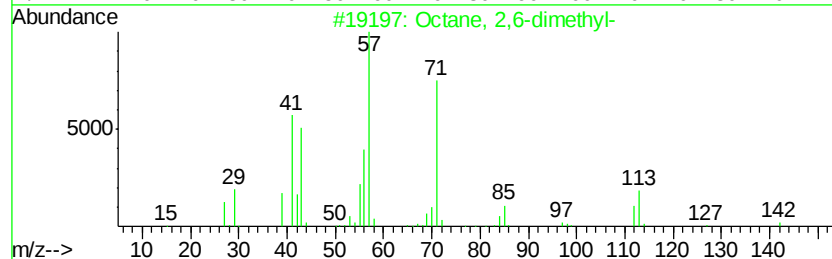
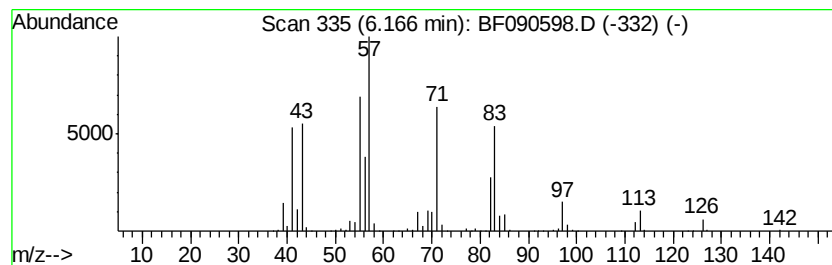
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.17 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	21.49 ng	3126790	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
3		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	30
4		Octacosane	394	C28H58	000630-02-4	27
5		3-Bromooctane	192	C8H17Br	000999-64-4	22



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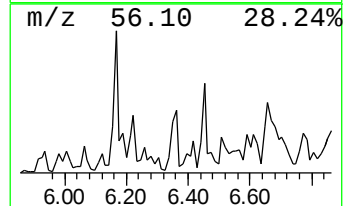
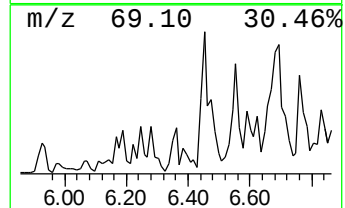
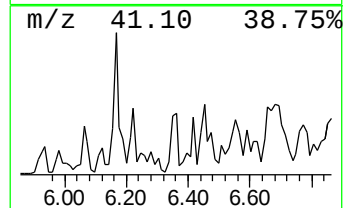
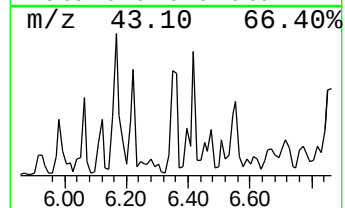
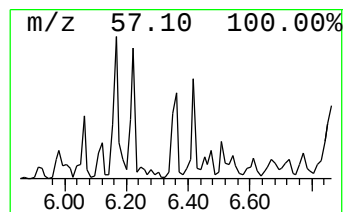
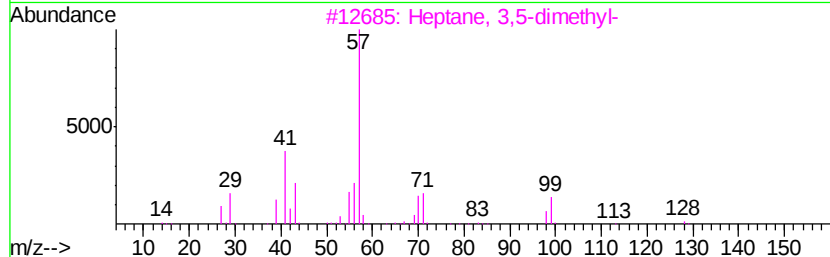
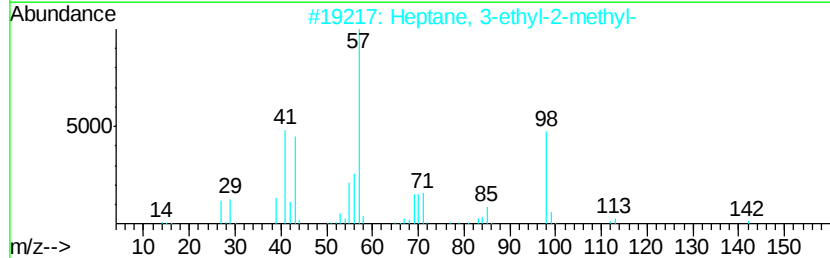
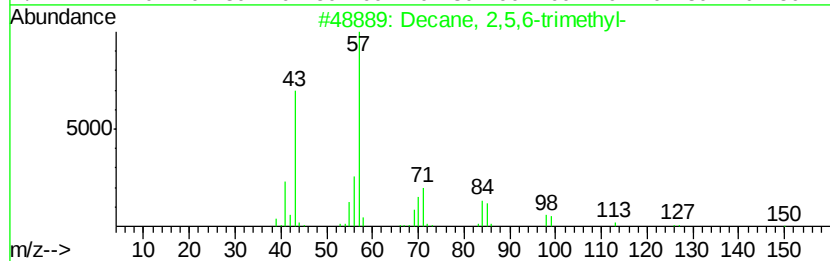
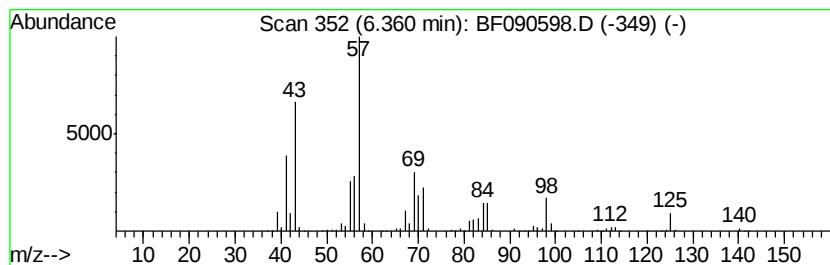
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 2,5,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	15.49 ng	2253350	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	47
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	43



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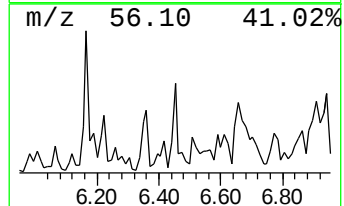
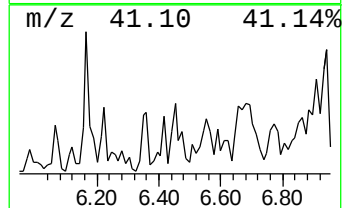
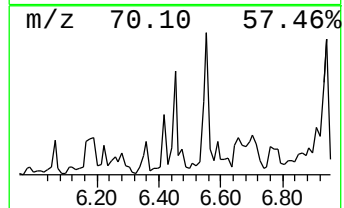
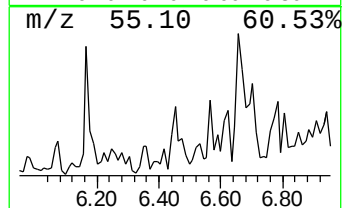
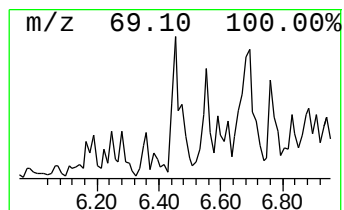
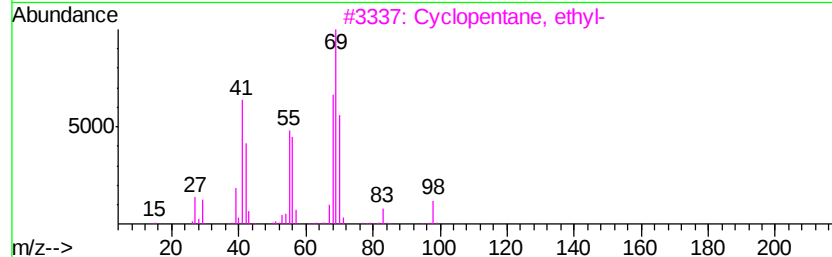
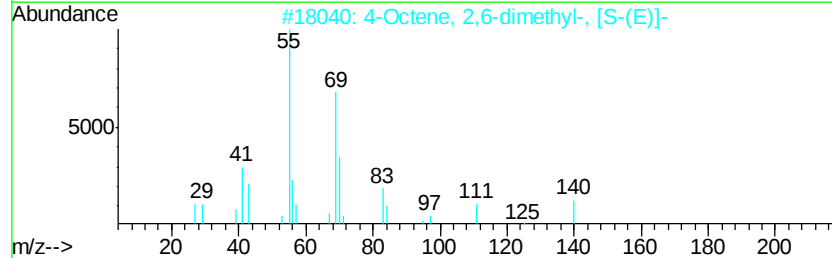
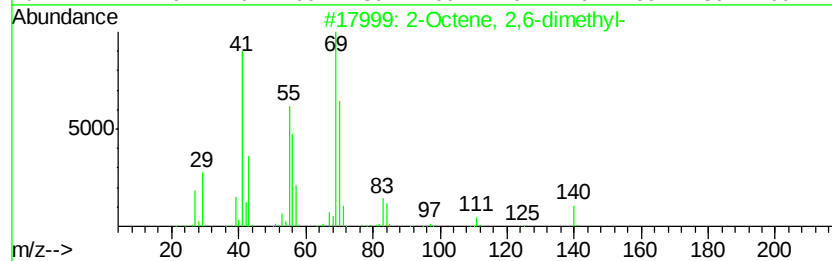
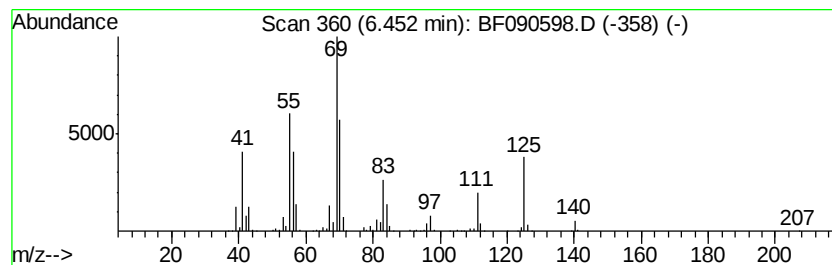
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	16.34 ng	2376750	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	49
3		Cyclopentane, ethyl-	98	C7H14	001640-89-7	47
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
5		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090598.D
Acq On : 15 Oct 2016 10:17
Operator : UM/SJ
Sample : H5192-02
Misc :
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ClientSampleId :
MJSB-18(11-13)

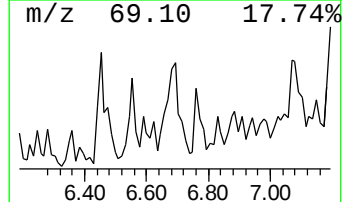
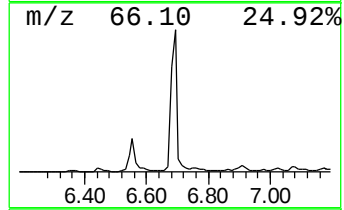
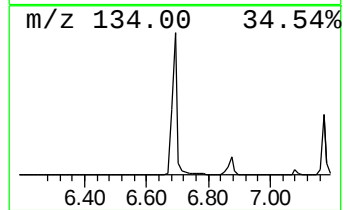
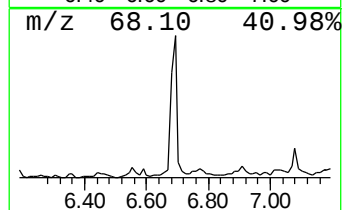
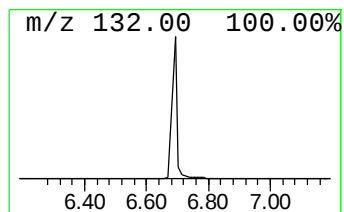
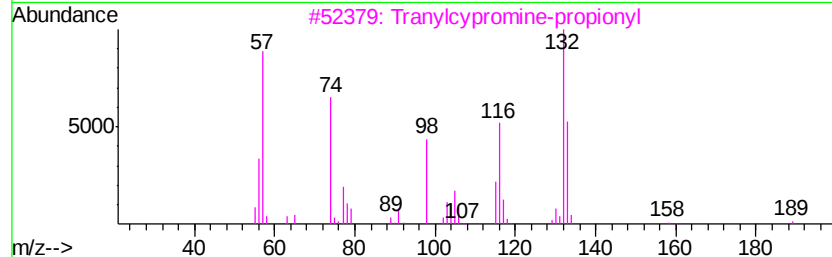
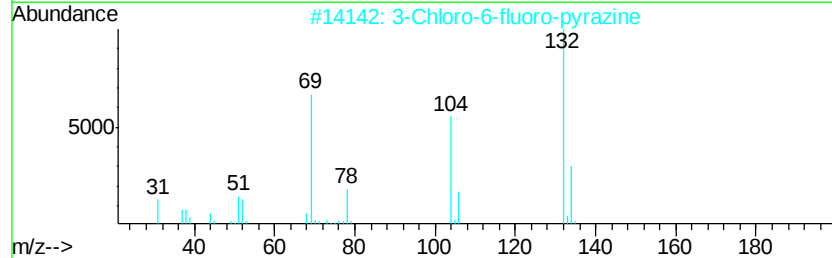
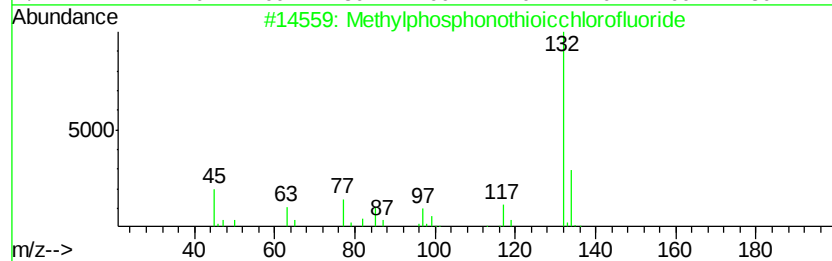
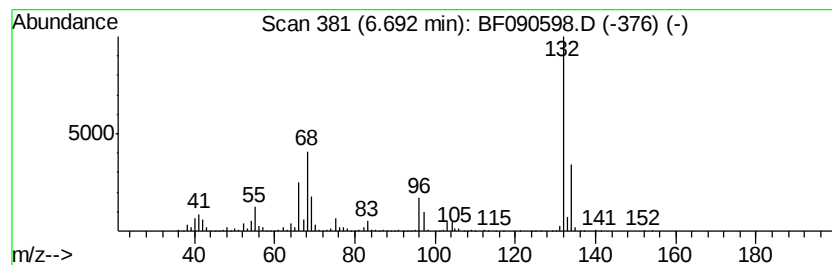
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	58.28 ng	8479450	1,4-Dichlorobenzene-d4	6.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcypromine-propionvl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090598.D
Acq On : 15 Oct 2016 10:17
Operator : UM/SJ
Sample : H5192-02
Misc :
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Instrument :
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ClientSampleId :
MJSB-18(11-13)

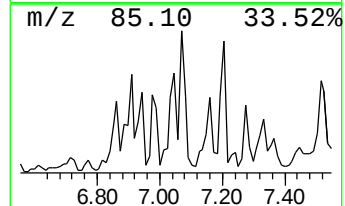
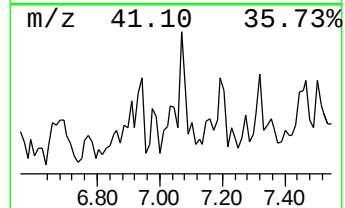
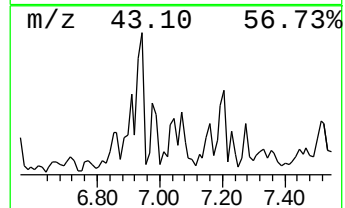
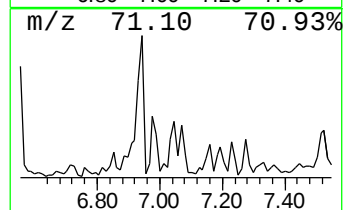
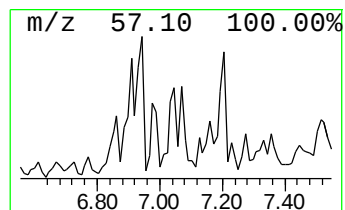
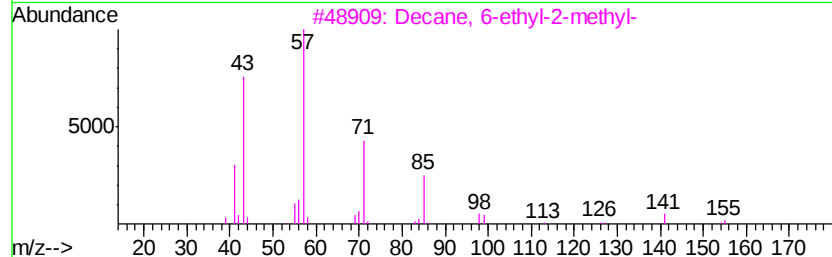
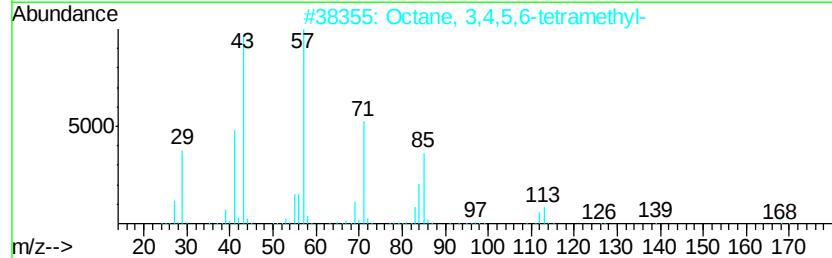
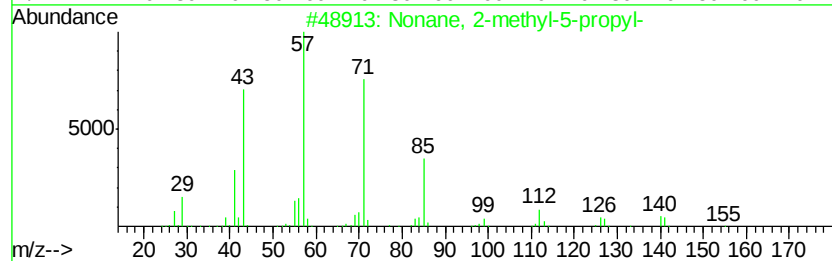
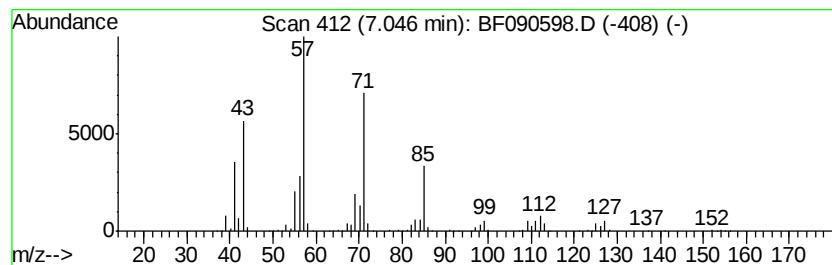
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 2-methyl-5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	23.34 ng	3395900	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
2		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
4		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	52
5		Tridecane	184	C13H28	000629-50-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090598.D
Acq On : 15 Oct 2016 10:17
Operator : UM/SJ
Sample : H5192-02
Misc :
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Instrument :
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ClientSampleId :
MJSB-18(11-13)

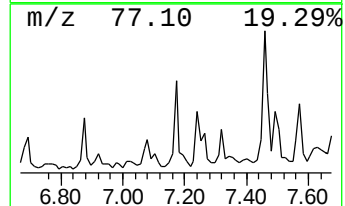
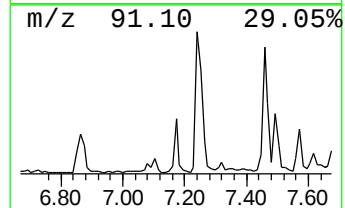
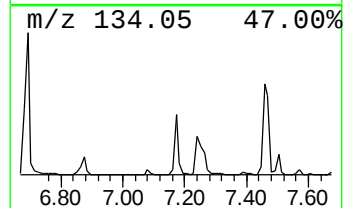
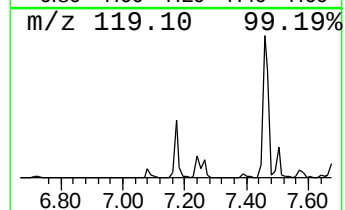
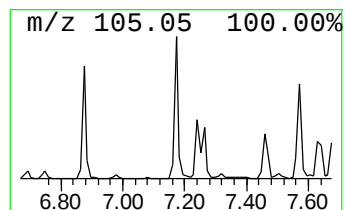
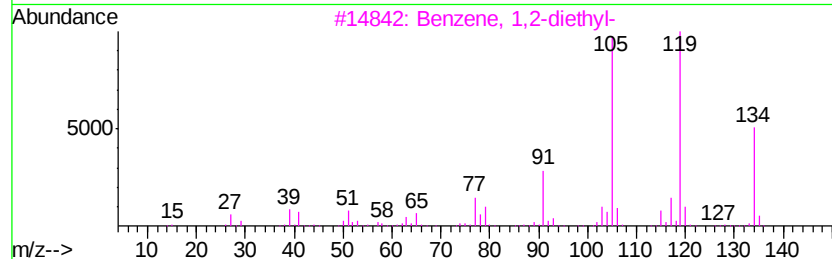
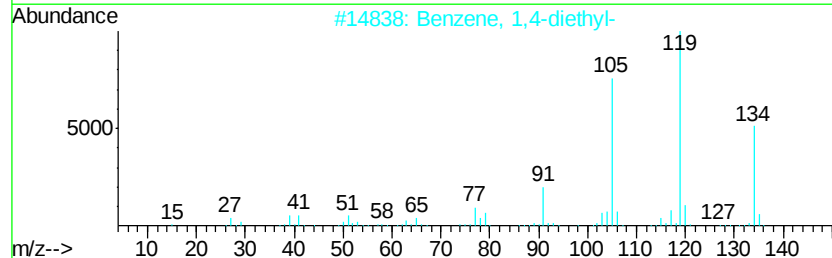
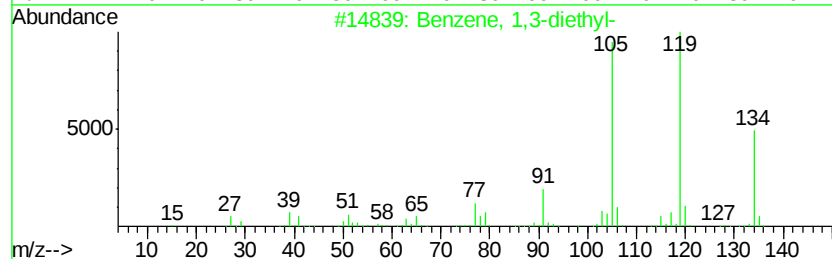
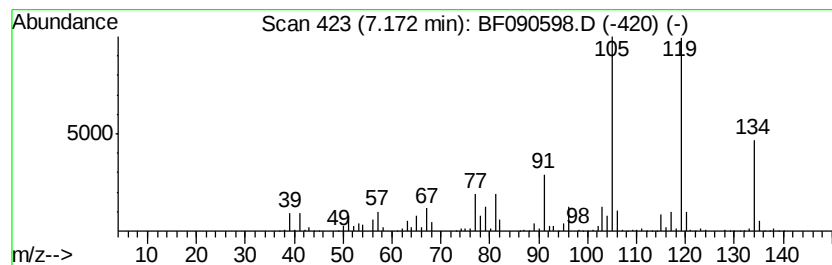
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	20.85 ng	3033440	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		o-Cymene	134	C10H14	000527-84-4	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090598.D
Acq On : 15 Oct 2016 10:17
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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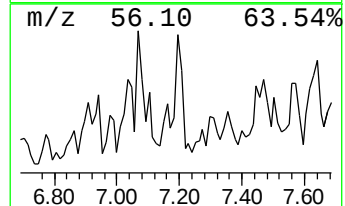
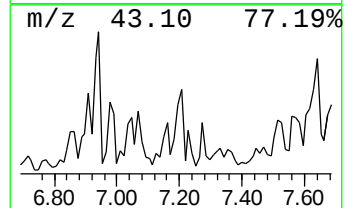
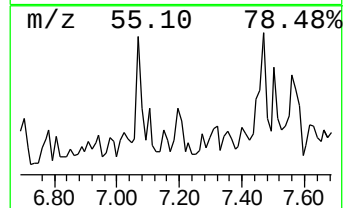
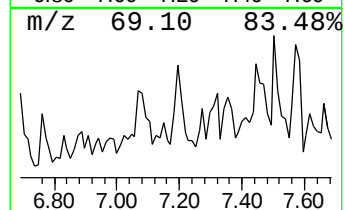
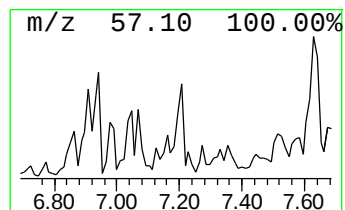
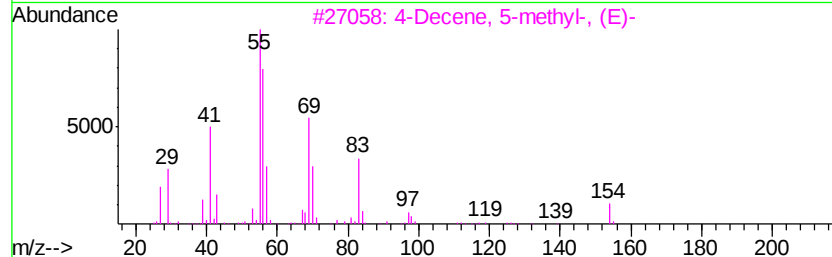
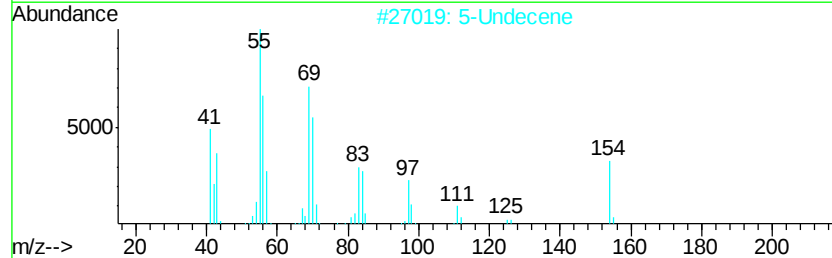
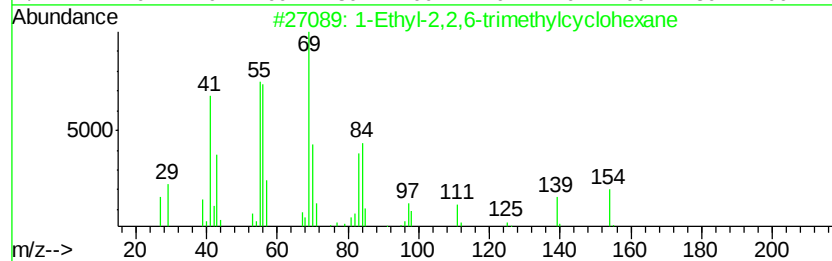
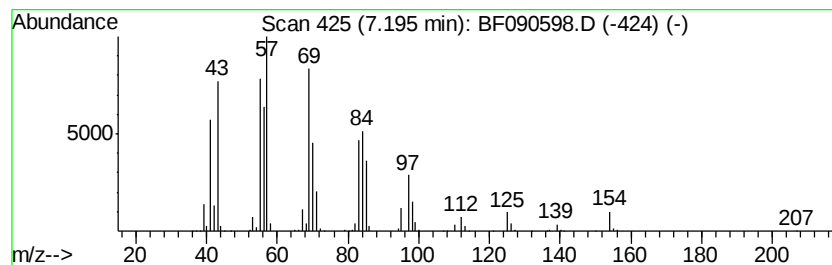
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	18.85 ng	2742860	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	87
2			5-Undecene	154	C11H22	004941-53-1	72
3			4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	64
4			5-Dodecene, (Z)-	168	C12H24	007206-28-2	64
5			Cyclooctane, methyl-	126	C9H18	001502-38-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090598.D
Acq On : 15 Oct 2016 10:17
Operator : UM/SJ
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ClientSampleId :
MJSB-18(11-13)

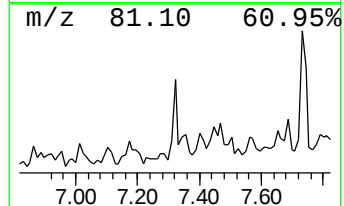
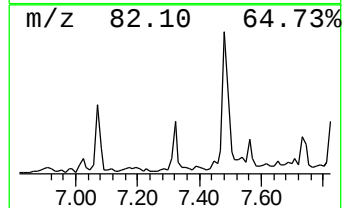
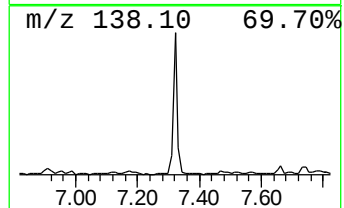
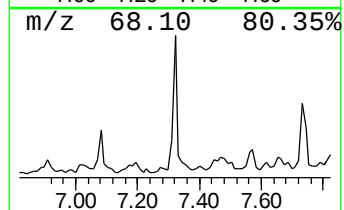
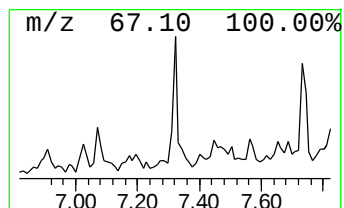
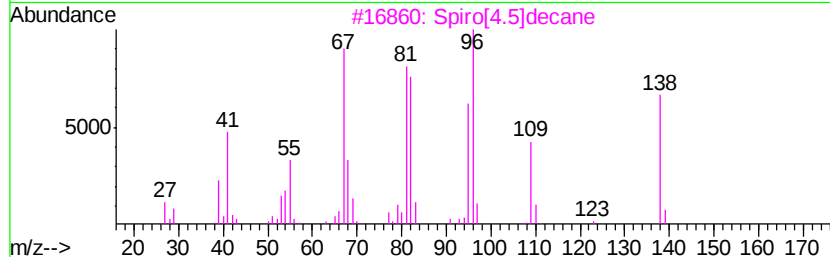
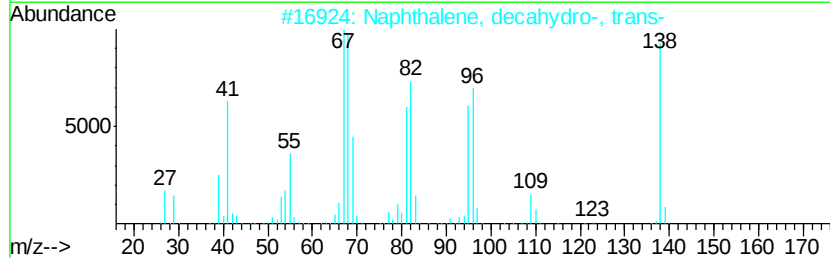
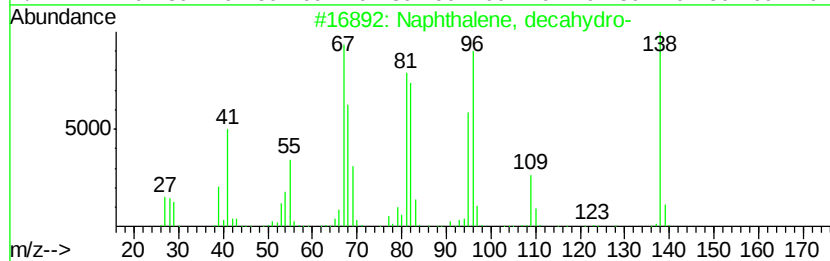
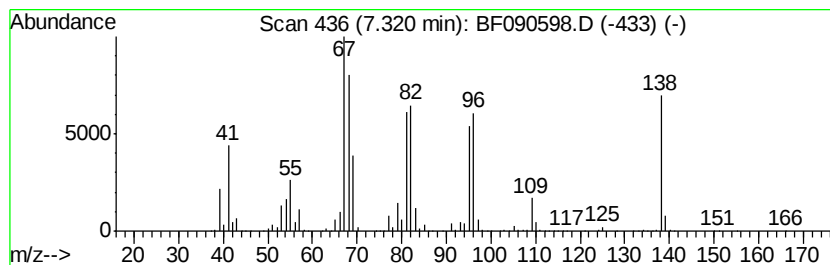
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, decahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	19.33 ng	2812980	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3		Spiro[4.5]decane	138	C10H18	000176-63-6	70
4		Cyclodecene	138	C10H18	003618-12-0	64
5		Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090598.D
Acq On : 15 Oct 2016 10:17
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MJSB-18(11-13)

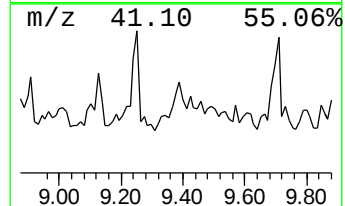
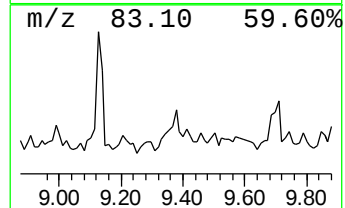
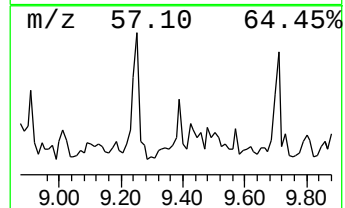
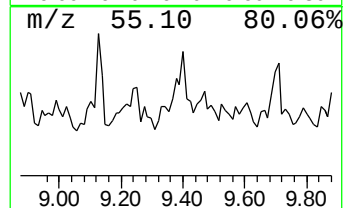
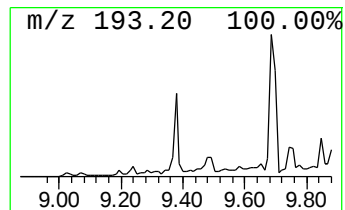
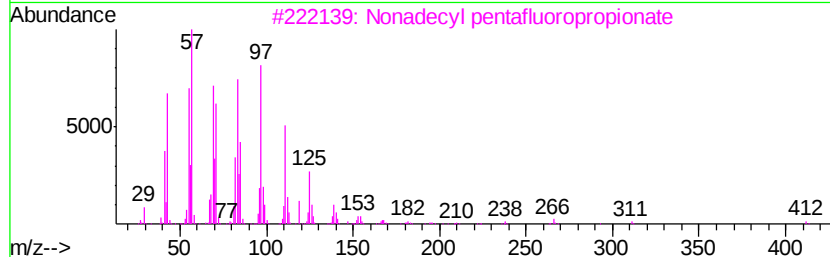
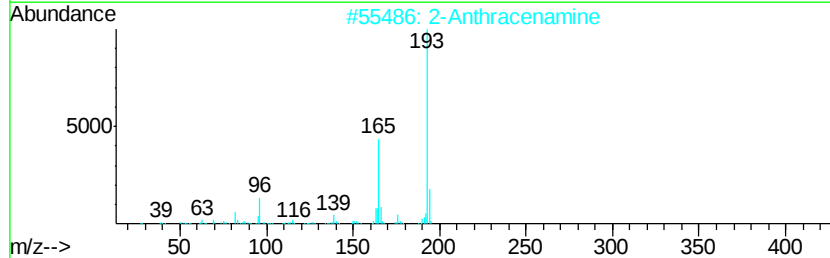
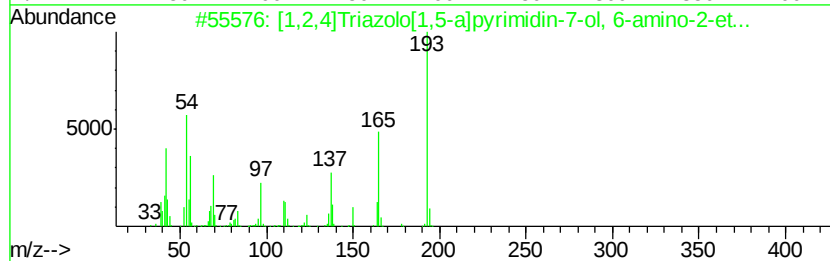
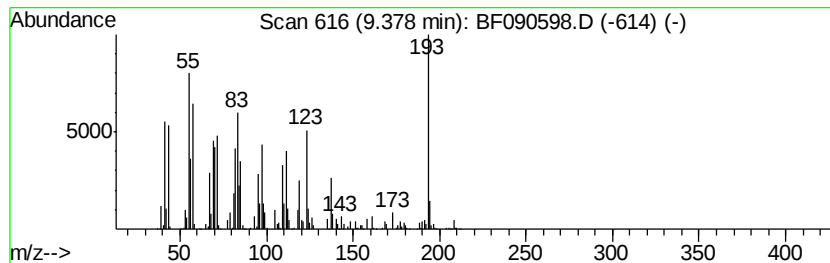
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.38 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	18.79 ng	4354030	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	30
2		2-Anthracenamine	193	C14H11N	000613-13-8	18
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	18
4		4-Acetylocta-1,2-diene	152	C10H16O	1000250-44-5	18
5		Cyclopropanol, 1-(3,7-dimethyl-1...	196	C13H24O	065147-72-0	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090598.D
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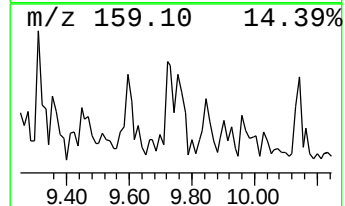
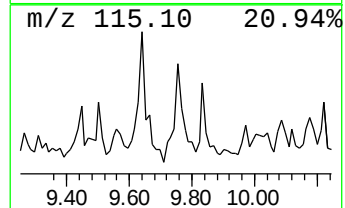
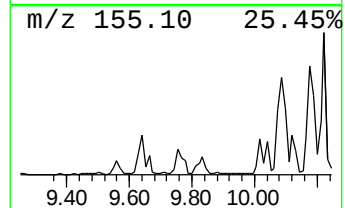
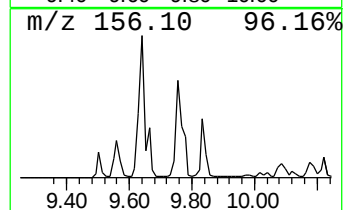
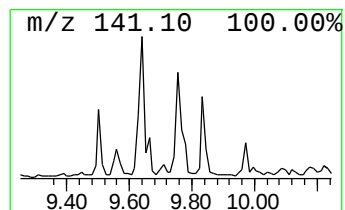
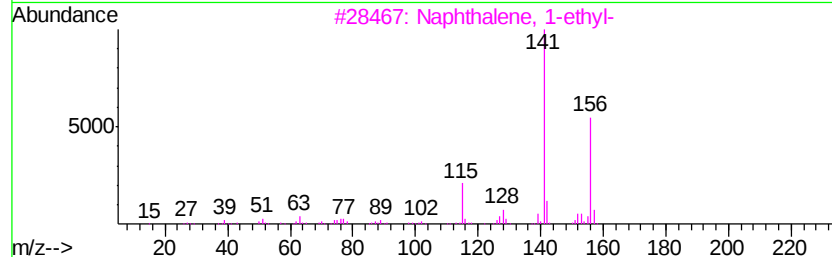
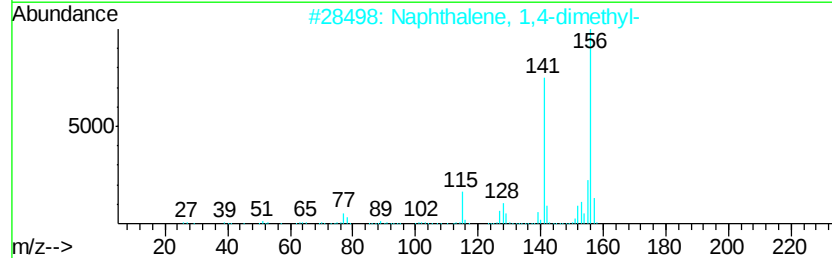
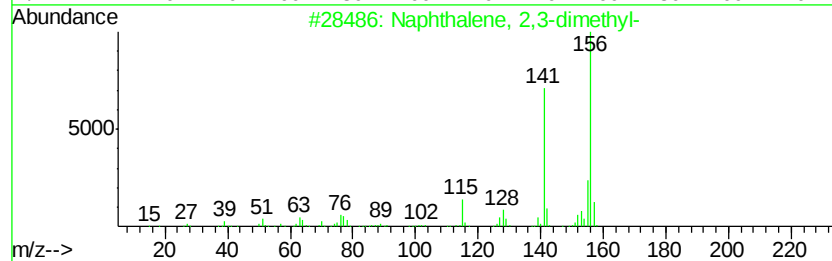
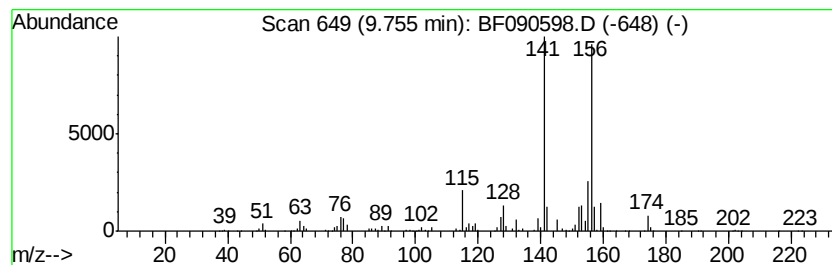
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	18.18 ng	4213100	Acenaphthene-d10	9.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090598.D
Acq On : 15 Oct 2016 10:17
Operator : UM/SJ
Sample : H5192-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MJSB-18(11-13)

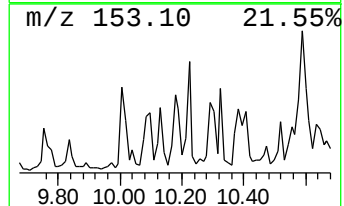
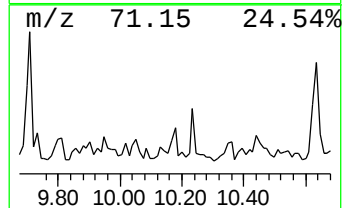
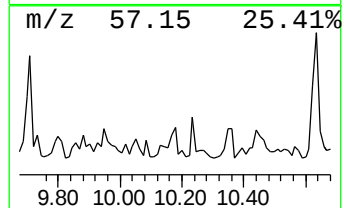
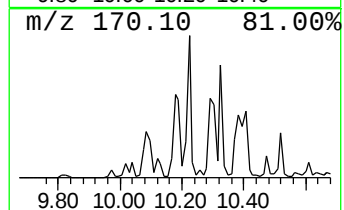
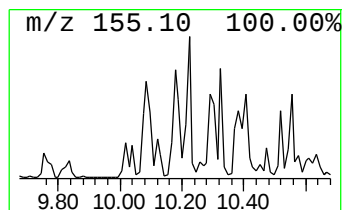
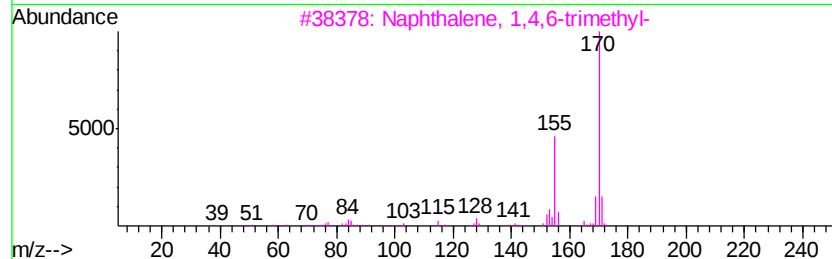
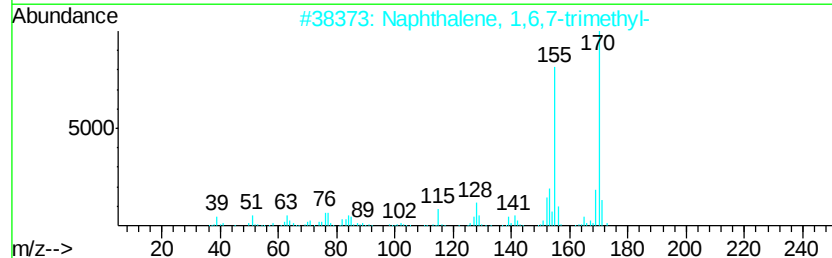
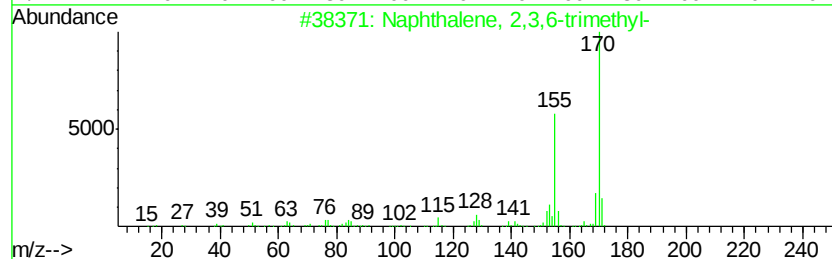
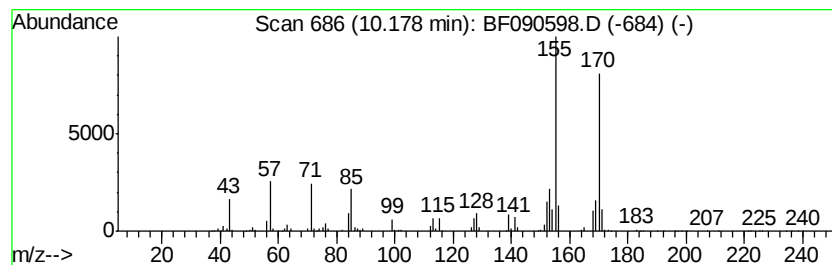
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	16.88 ng	3912140	Acenaphthene-d10	9.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090598.D
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Operator : UM/SJ
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ClientSampleId :
MJSB-18(11-13)

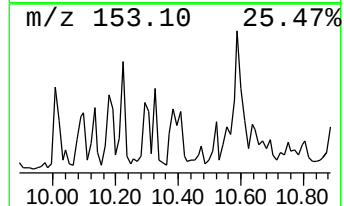
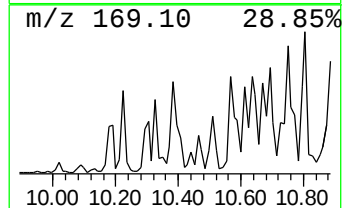
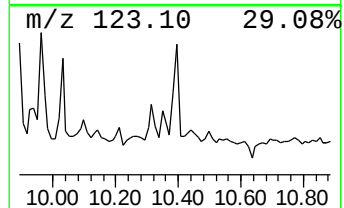
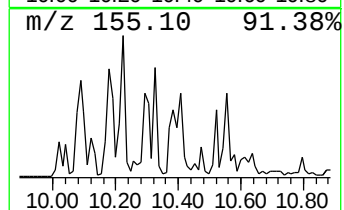
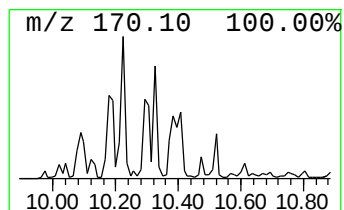
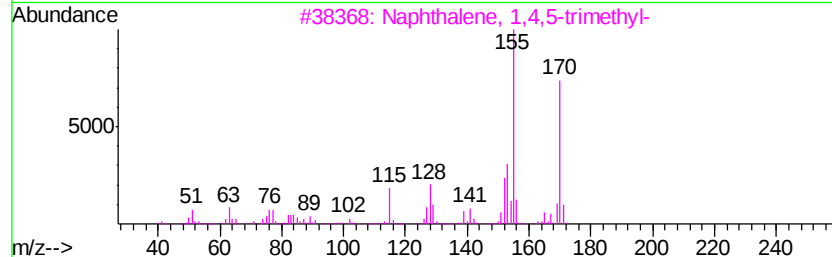
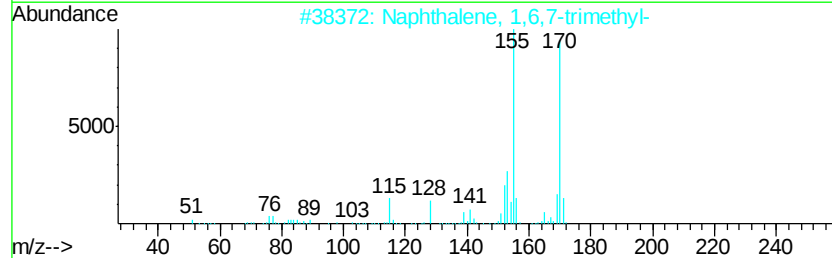
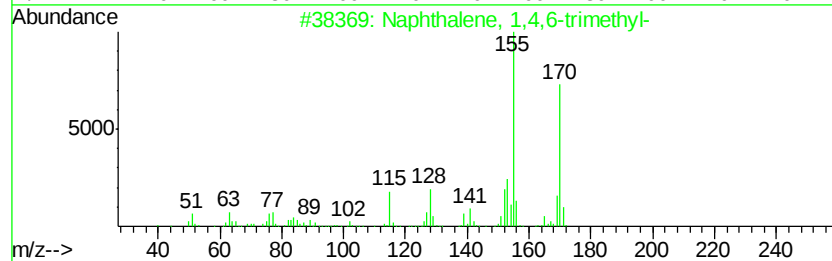
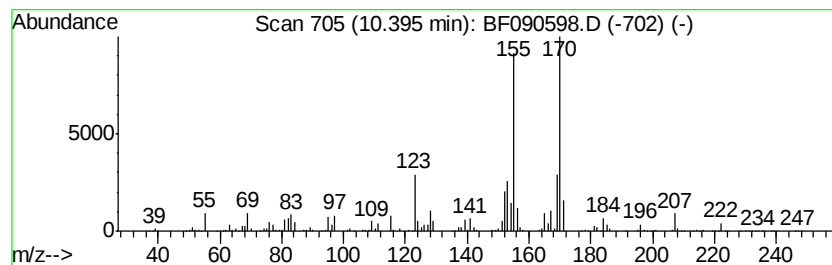
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	15.27 ng	3538790	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
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Acq On : 15 Oct 2016 10:17
Operator : UM/SJ
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ClientSampleId :
MJSB-18(11-13)

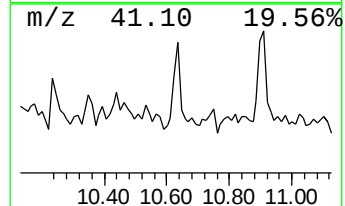
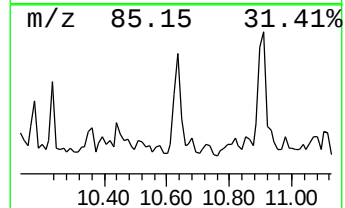
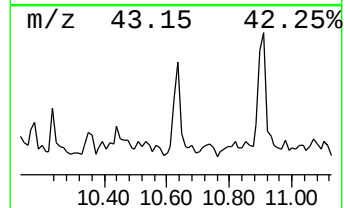
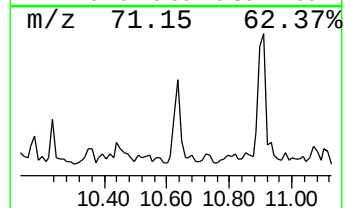
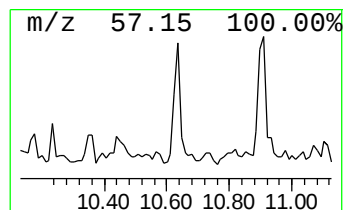
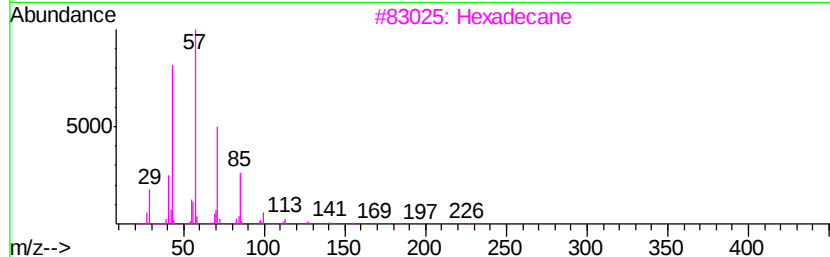
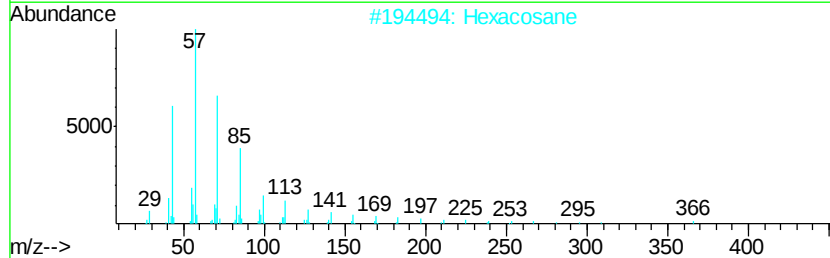
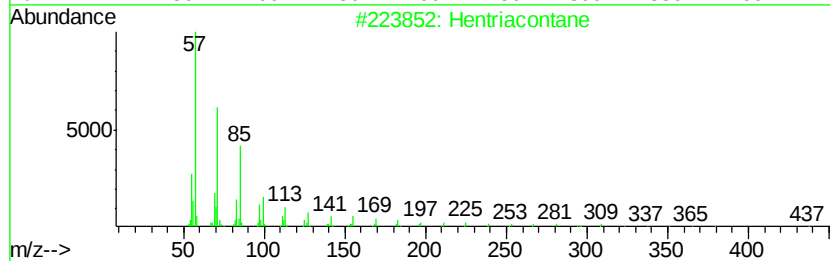
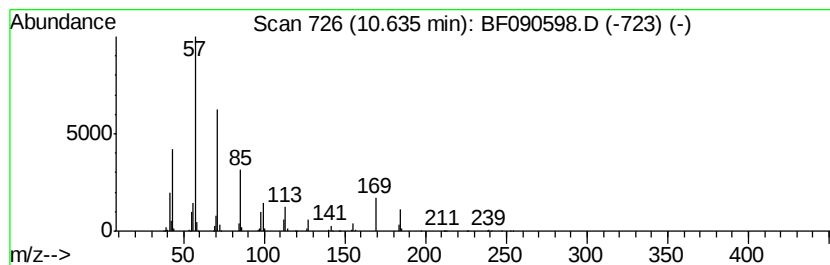
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	25.31 ng	5866150	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	72
2		Hexacosane	366	C26H54	000630-01-3	64
3		Hexadecane	226	C16H34	000544-76-3	58
4		Tetratetracontane	619	C44H90	007098-22-8	53
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
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Operator : UM/SJ
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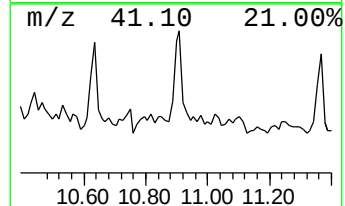
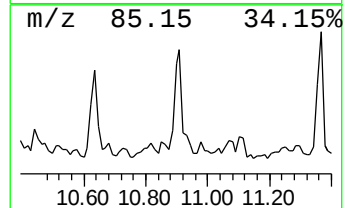
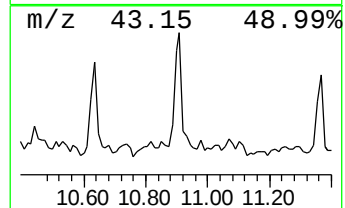
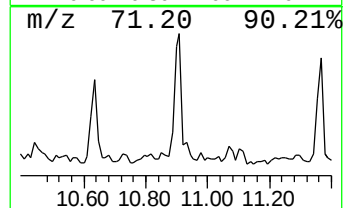
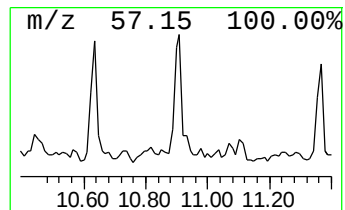
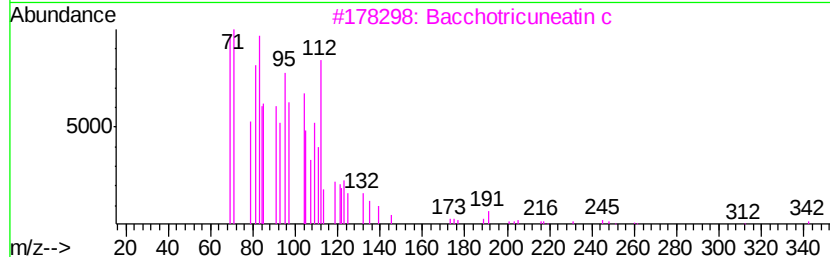
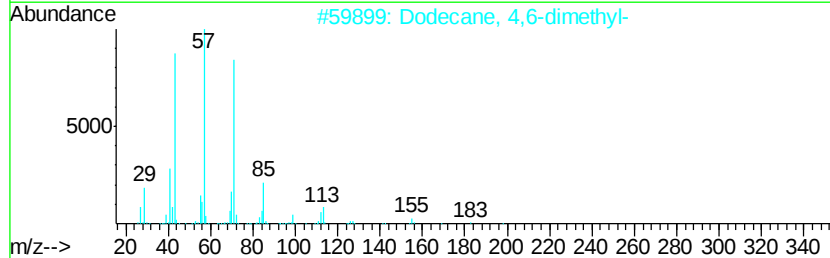
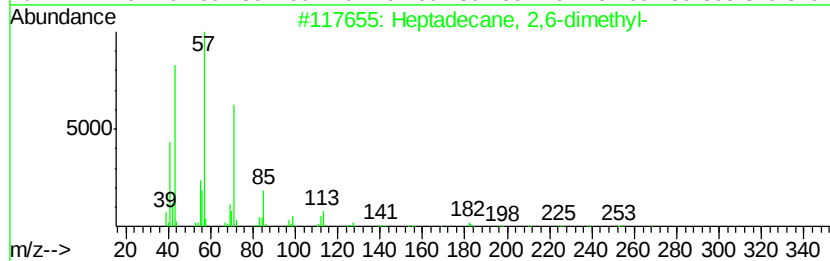
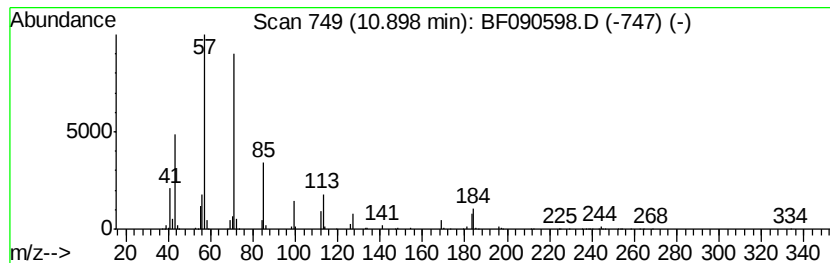
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.90	35.89 ng	7887180	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
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MJSB-18(11-13)

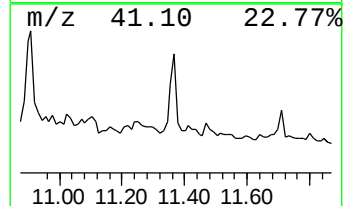
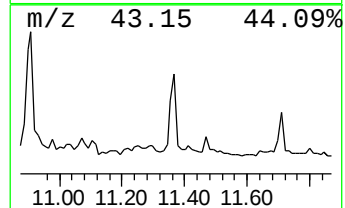
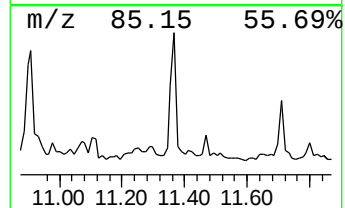
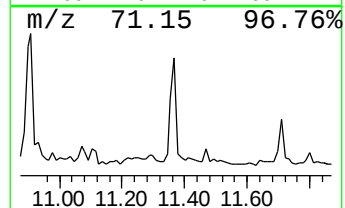
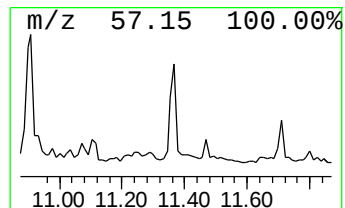
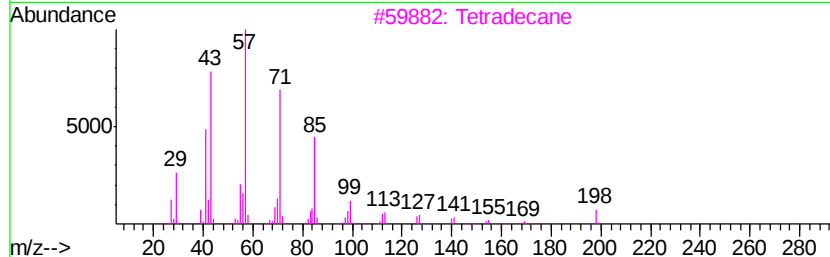
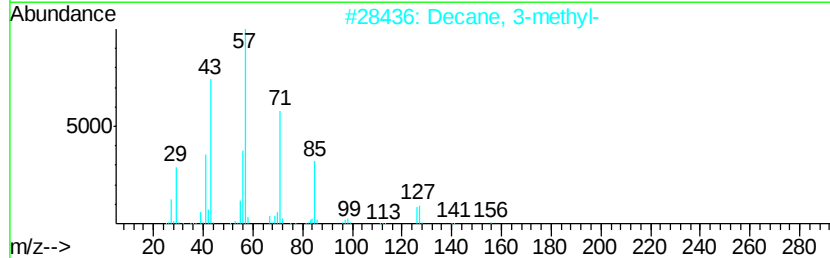
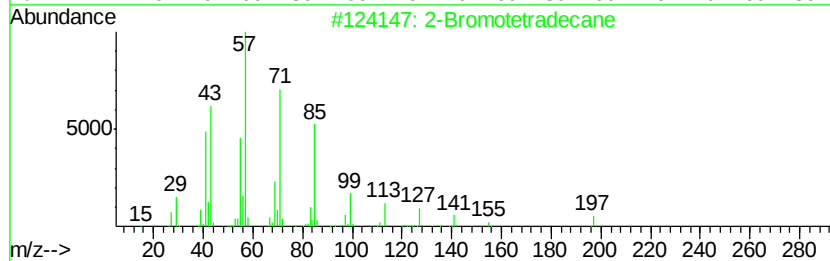
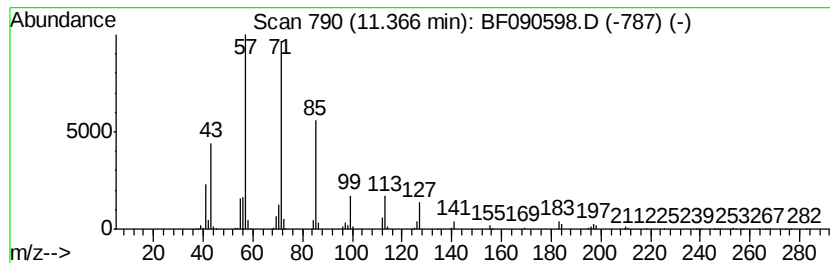
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Bromotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	30.44 ng	6691100	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromotetradecane	276	C14H29Br	074036-95-6	83
2		Decane, 3-methyl-	156	C11H24	013151-34-3	72
3		Tetradecane	198	C14H30	000629-59-4	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
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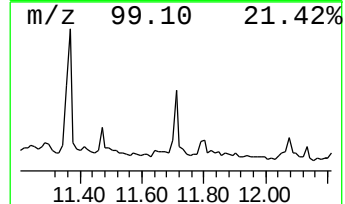
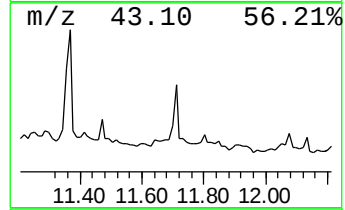
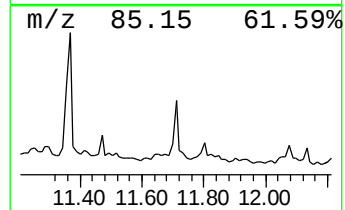
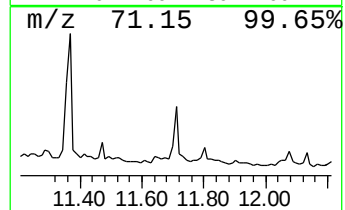
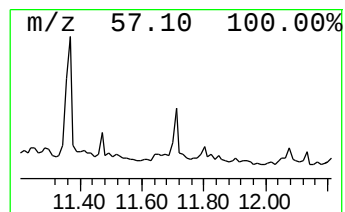
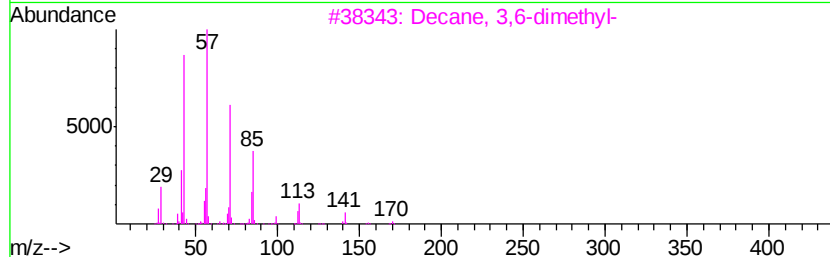
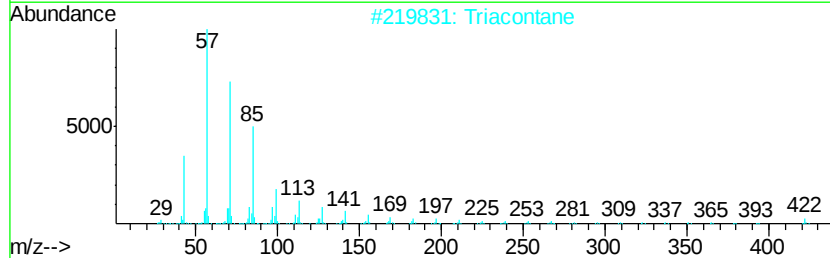
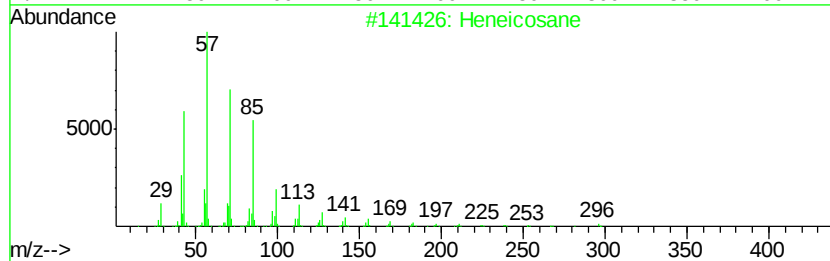
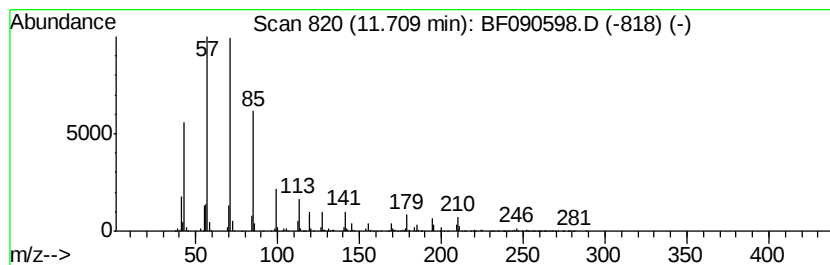
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	17.85 ng	3922630	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	86
2		Triacontane	422	C30H62	000638-68-6	78
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
4		Heptadecane	240	C17H36	000629-78-7	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
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Operator : UM/SJ
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ClientSampleId :
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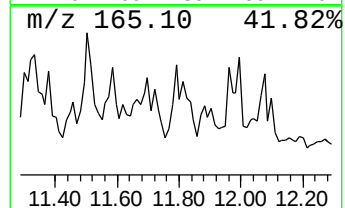
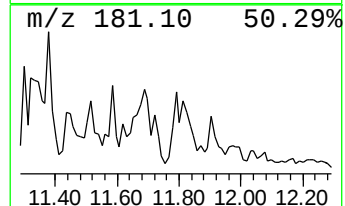
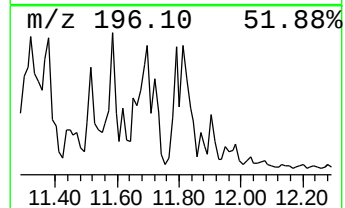
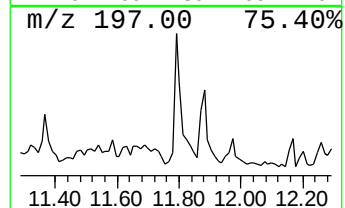
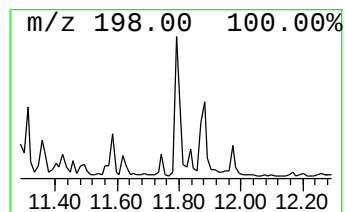
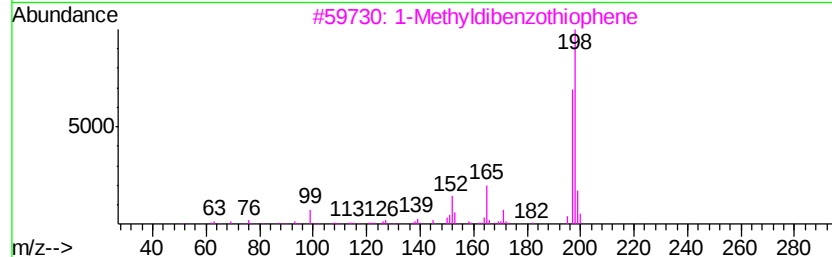
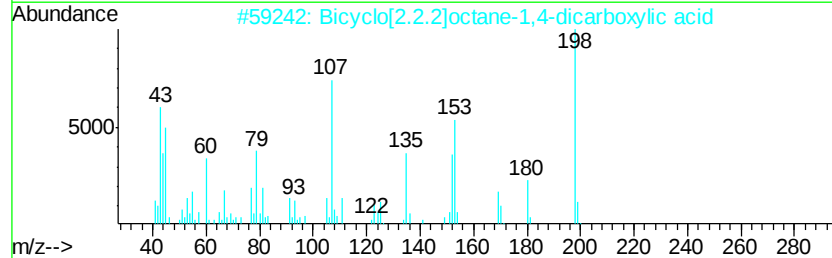
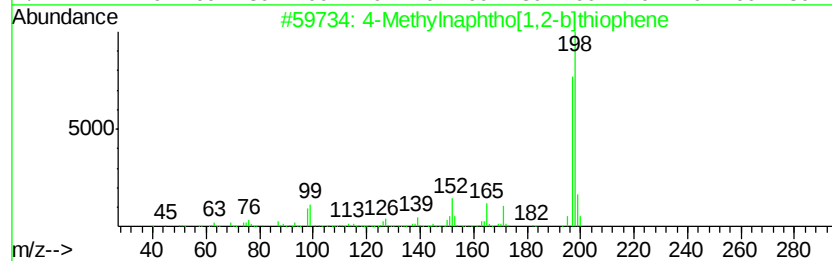
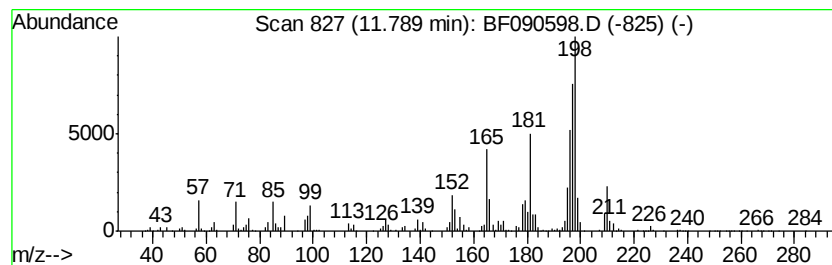
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	17.37 ng	3817760	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	64
2		Bicyclo[2.2.2]octane-1,4-dicarbo...	198	C10H14O4	000711-02-4	53
3		1-Methylidibenzothiophene	198	C13H10S	031317-07-4	53
4		4,6,8-Trimethyl-1-azulenecarbal...	198	C14H14O	000832-62-2	53
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090598.D
 Acq On : 15 Oct 2016 10:17
 Operator : UM/SJ
 Sample : H5192-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.17	6.17	21.5	ng	3126790	1	6.92	2909830	20.0
Decane, 2,5,6-tri...	6.36	15.5	ng	2253350	1	6.92	2909830	20.0
2-Octene, 2,6-dim...	6.45	16.3	ng	2376750	1	6.92	2909830	20.0
unknown6.69	6.69	58.3	ng	8479450	1	6.92	2909830	20.0
Nonane, 2-methyl-...	7.05	23.3	ng	3395900	1	6.92	2909830	20.0
Benzene, 1,3-diet...	7.17	20.9	ng	3033440	1	6.92	2909830	20.0
1-Ethyl-2,2,6-tri...	7.19	18.9	ng	2742860	1	6.92	2909830	20.0
Naphthalene, deca...	7.32	19.3	ng	2812980	1	6.92	2909830	20.0
unknown9.38	9.38	18.8	ng	4354030	3	9.97	4634580	20.0
Naphthalene, 2,3-...	9.75	18.2	ng	4213100	3	9.97	4634580	20.0
Naphthalene, 2,3,...	10.18	16.9	ng	3912140	3	9.97	4634580	20.0
Naphthalene, 1,4,...	10.39	15.3	ng	3538790	3	9.97	4634580	20.0
Hentriacontane	10.63	25.3	ng	5866150	3	9.97	4634580	20.0
Heptadecane, 2,6-...	10.90	35.9	ng	7887180	4	11.46	4395560	20.0
2-Bromotetradecane	11.37	30.4	ng	6691100	4	11.46	4395560	20.0
Heneicosane	11.71	17.9	ng	3922630	4	11.46	4395560	20.0
4-Methylnaphtho[1...	11.79	17.4	ng	3817760	4	11.46	4395560	20.0