

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085644.D
 Acq On : 22 Mar 2016 3:54
 Operator : UM/SJ
 Sample : H1840-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-13-23.0-25.0

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-BF031816.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	5.030	237	240	247	rBV	233470	388355	10.43%	0.342%
2	5.441	270	276	279	rBV	2069458	3102079	83.28%	2.730%
3	5.853	309	312	314	rVB2	100740	152869	4.10%	0.135%
4	5.990	321	324	326	rVB2	142557	175824	4.72%	0.155%
5	6.082	331	332	336	rBV3	245700	332009	8.91%	0.292%
6	6.173	339	340	346	rVB5	59812	171269	4.60%	0.151%
7	6.276	346	349	350	rBV	179840	216068	5.80%	0.190%
8	6.344	352	355	356	rVB2	126932	169567	4.55%	0.149%
9	6.367	356	357	361	rVB2	207323	274347	7.37%	0.241%
10	6.482	364	367	369	rBV	2545575	2892906	77.67%	2.546%
11	6.607	376	378	381	rVB	2247577	3115783	83.65%	2.742%
12	6.813	390	396	397	rBV3	128713	417195	11.20%	0.367%
13	6.859	397	400	402	rVB2	735453	1345641	36.13%	1.184%
14	6.904	402	404	405	rBV	259563	279660	7.51%	0.246%
15	6.962	405	409	410	rBV3	216190	328522	8.82%	0.289%
16	6.996	410	412	416	rVB	2270885	2901152	77.89%	2.553%
17	7.076	416	419	420	rBV2	192951	297743	7.99%	0.262%
18	7.122	420	423	425	rVB2	403682	579967	15.57%	0.510%
19	7.156	425	426	428	rVB2	198073	226689	6.09%	0.200%
20	7.236	431	433	435	rBV	490399	521371	14.00%	0.459%
21	7.316	438	440	443	rBV3	178954	390191	10.48%	0.343%
22	7.385	443	446	447	rBV2	847240	1396150	37.48%	1.229%
23	7.407	447	448	453	rVB2	1732676	2026358	54.40%	1.783%
24	7.487	453	455	457	rBV2	527651	866087	23.25%	0.762%
25	7.556	457	461	463	rBV2	393456	855874	22.98%	0.753%
26	7.647	463	469	471	rVB5	847237	1985778	53.31%	1.748%
27	7.750	474	478	479	rBV3	635278	1291573	34.68%	1.137%
28	7.807	482	483	485	rVB2	403031	533323	14.32%	0.469%
29	7.865	485	488	490	rBV2	726445	1236624	33.20%	1.088%
30	7.899	490	491	493	rVB	619220	530995	14.26%	0.467%
31	7.956	493	496	498	rBV3	434046	771285	20.71%	0.679%
32	8.002	498	500	502	rBV2	526941	740834	19.89%	0.652%
33	8.036	502	503	504	rVB	267392	183431	4.92%	0.161%
34	8.093	504	508	509	rBV3	532071	1334507	35.83%	1.175%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.127	509	511	512	rBV2	1040307	1211042	32.51%	1.066%
36	8.196	512	517	518	rVB4	1211256	1409571	37.84%	1.241%
37	8.287	523	525	526	rBV2	394874	519122	13.94%	0.457%
38	8.333	527	529	531	rVB2	524257	617108	16.57%	0.543%
39	8.425	534	537	539	rVB3	1058276	1409101	37.83%	1.240%
40	8.459	539	540	541	rBV	250751	174885	4.70%	0.154%
41	8.516	543	545	547	rBV2	776883	762750	20.48%	0.671%
42	8.562	547	549	551	rBV2	1875861	2299669	61.74%	2.024%
43	8.596	551	552	554	rVB2	685456	581718	15.62%	0.512%
44	8.642	554	556	557	rBV	718712	781891	20.99%	0.688%
45	8.676	557	559	562	rBV3	444940	950870	25.53%	0.837%
46	8.722	562	563	565	rVV2	473924	896306	24.06%	0.789%
47	8.790	565	569	570	rVV3	770576	1788793	48.02%	1.574%
48	8.825	570	572	573	rVV	1074937	1312330	35.23%	1.155%
49	8.882	575	577	578	rBV	346666	297541	7.99%	0.262%
50	8.950	578	583	587	rBV4	1335582	3262983	87.60%	2.872%
51	9.019	587	589	590	rBV2	299707	539579	14.49%	0.475%
52	9.042	590	591	593	rVB2	883824	785602	21.09%	0.691%
53	9.076	593	594	599	rBV3	378636	938589	25.20%	0.826%
54	9.156	599	601	603	rVV2	1554247	2306043	61.91%	2.030%
55	9.213	603	606	608	rVB	2151225	2734584	73.42%	2.407%
56	9.248	608	609	610	rVB	210465	144379	3.88%	0.127%
57	9.305	610	614	615	rBV3	681582	1525889	40.97%	1.343%
58	9.362	615	619	621	rVV3	725847	1860712	49.95%	1.638%
59	9.408	621	623	625	rVB	902548	1119456	30.05%	0.985%
60	9.476	626	629	631	rVB	1614695	2527279	67.85%	2.224%
61	9.556	631	636	637	rBV	1862831	3724777	100.00%	3.278%
62	9.613	639	641	644	rVV2	2180447	3602380	96.71%	3.171%
63	9.670	644	646	648	rVV	861765	1347062	36.16%	1.186%
64	9.750	652	653	655	rVV2	695274	748823	20.10%	0.659%
65	9.796	655	657	659	rVB3	802885	727789	19.54%	0.641%
66	9.888	661	665	666	rVV4	936689	1526058	40.97%	1.343%
67	9.922	666	668	673	rVB4	394241	1079878	28.99%	0.950%
68	9.990	673	674	677	rVB	1070433	1318917	35.41%	1.161%
69	10.036	677	678	680	rBV2	419641	569104	15.28%	0.501%
70	10.093	680	683	685	rVB2	1450160	1817777	48.80%	1.600%
71	10.128	685	686	691	rVB3	1014812	2370771	63.65%	2.087%

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72	10.208	691	693	694	rBV	1284935	1395432	37.46%	1.228%
73	10.299	699	701	704	rVB2	841218	1416443	38.03%	1.247%
74	10.345	704	705	707	rBV2	331361	489399	13.14%	0.431%
75	10.425	710	712	713	rBV2	583953	767621	20.61%	0.676%
76	10.551	720	723	724	rVB	1531015	2392980	64.24%	2.106%
77	10.585	724	726	729	rVB4	631664	1220321	32.76%	1.074%
78	10.676	729	734	736	rBV3	1535388	2767969	74.31%	2.436%
79	10.768	740	742	743	rBV2	266601	416744	11.19%	0.367%
80	10.813	743	746	749	rVB2	2728650	3682539	98.87%	3.241%
81	10.871	749	751	754	rBV2	409032	608482	16.34%	0.536%
82	10.985	759	761	762	rVV2	310384	412156	11.07%	0.363%
83	11.008	762	763	766	rVB3	654733	893848	24.00%	0.787%
84	11.133	771	774	777	rVB4	461983	696192	18.69%	0.613%
85	11.271	783	786	789	rVB	2002075	2486958	66.77%	2.189%
86	11.373	793	795	799	rVV2	611760	1257558	33.76%	1.107%
87	11.488	802	805	806	rBV2	265283	400767	10.76%	0.353%
88	11.613	814	816	821	rVB4	585739	1045551	28.07%	0.920%
89	11.694	821	823	829	rVB4	348469	852784	22.89%	0.751%
90	11.865	837	838	840	rBV	296198	507752	13.63%	0.447%
91	11.899	840	841	843	rVB	624254	467819	12.56%	0.412%
92	11.979	846	848	852	rVB2	518065	958587	25.74%	0.844%
93	12.105	857	859	860	rVB2	165705	190879	5.12%	0.168%
94	12.311	875	877	878	rVB	186955	198157	5.32%	0.174%
95	12.345	878	880	883	rVB2	407834	586976	15.76%	0.517%
96	12.414	884	886	888	rVV	367539	375746	10.09%	0.331%
97	12.574	898	900	903	rVB2	126872	192077	5.16%	0.169%
98	12.951	930	933	935	rVB	1804791	1945165	52.22%	1.712%
99	13.991	1022	1024	1028	rVB	561060	646477	17.36%	0.569%
100	15.420	1146	1149	1158	rVB	502395	723429	19.42%	0.637%

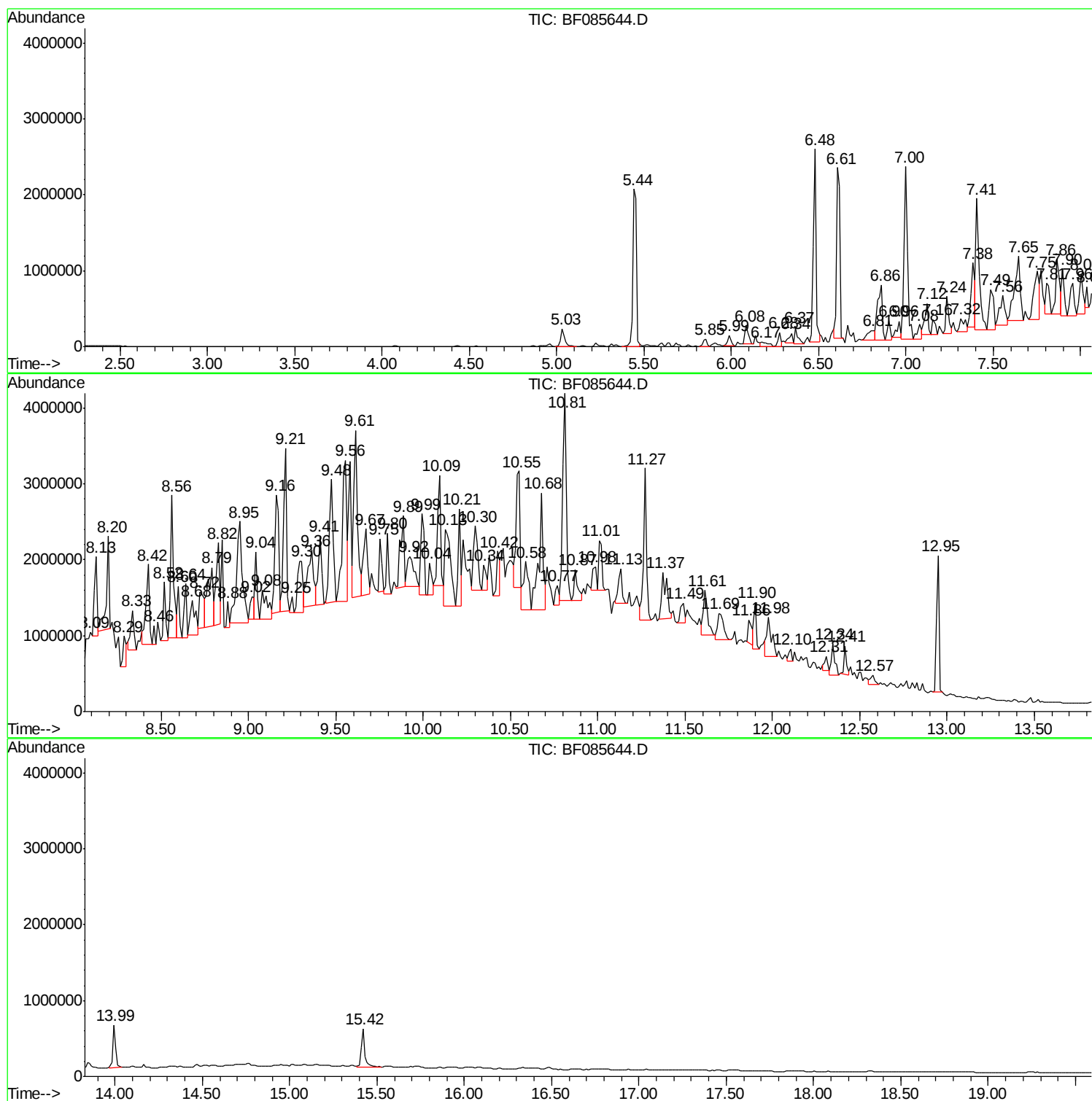
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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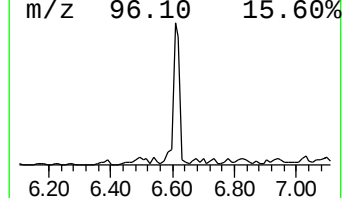
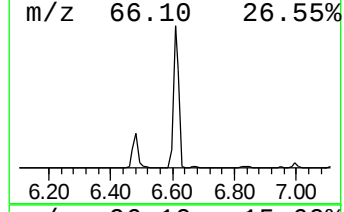
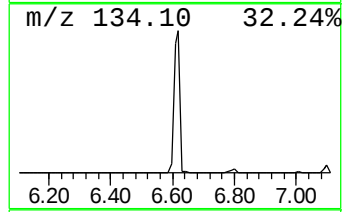
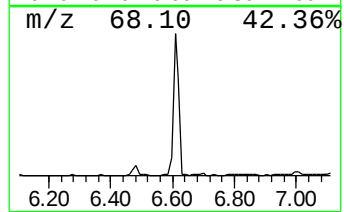
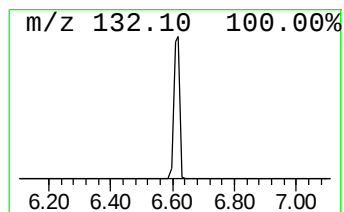
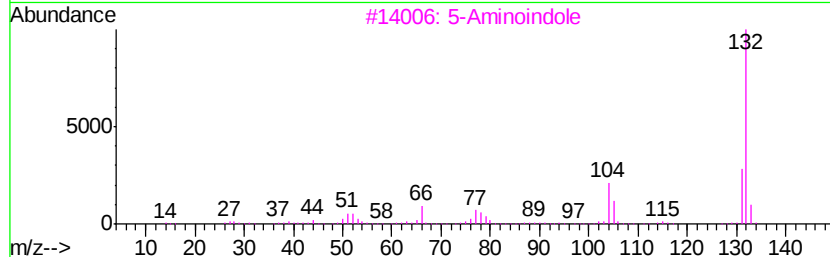
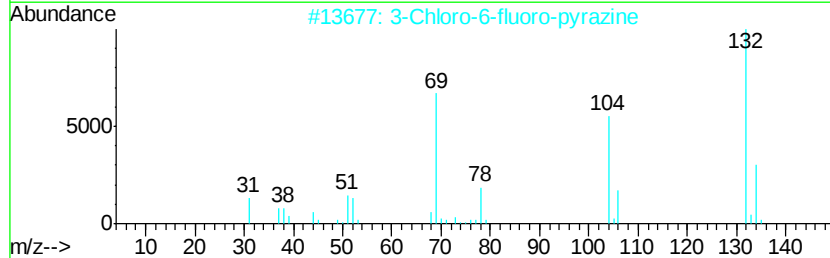
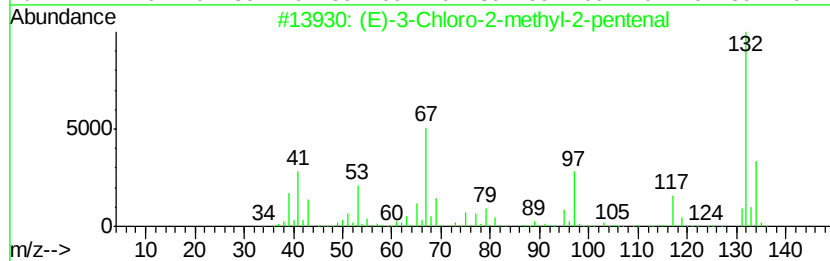
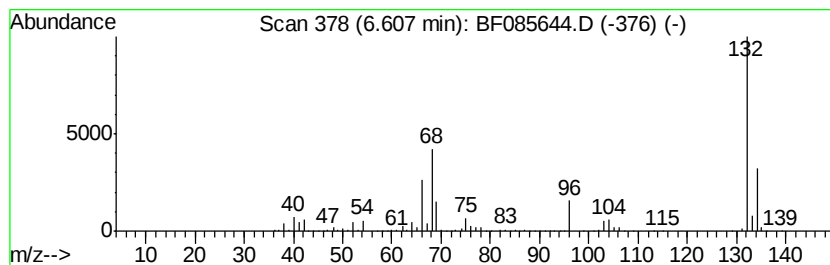
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	46.31 ng	3115780	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	30
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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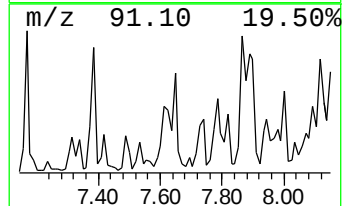
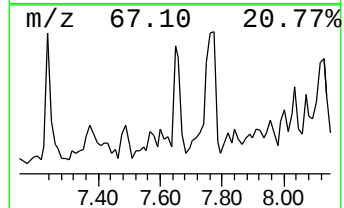
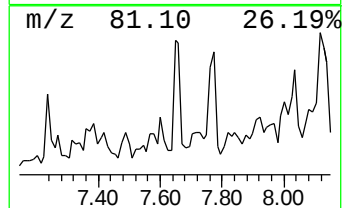
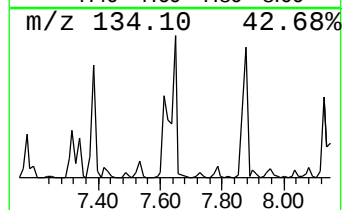
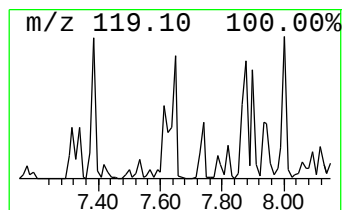
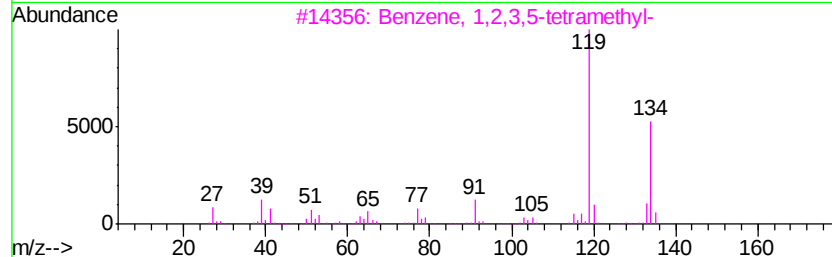
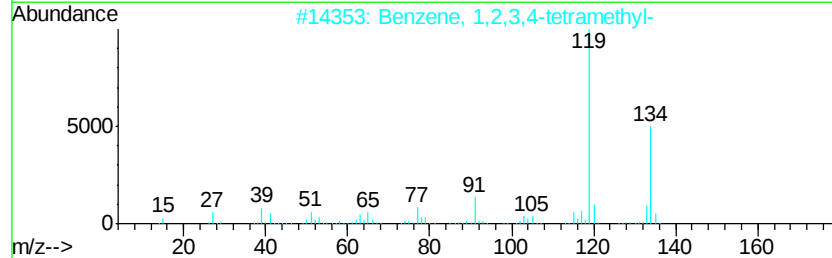
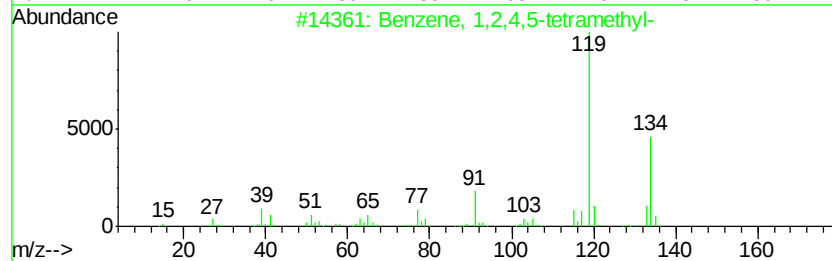
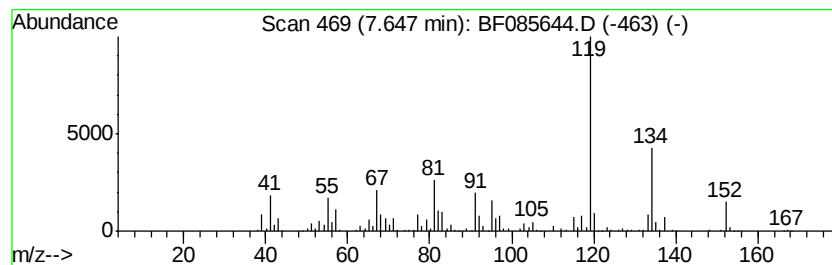
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	32.79 ng	1985780	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76



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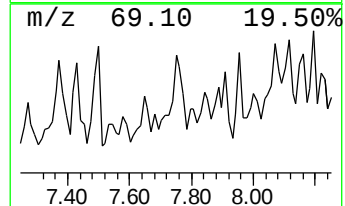
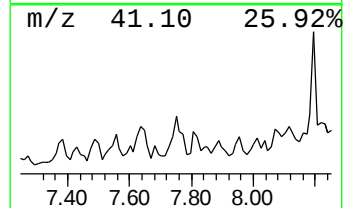
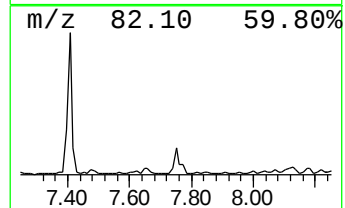
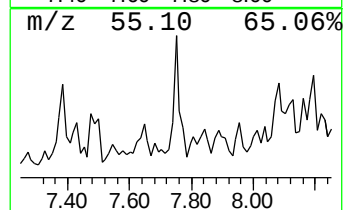
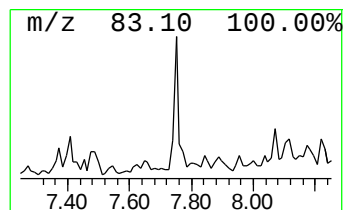
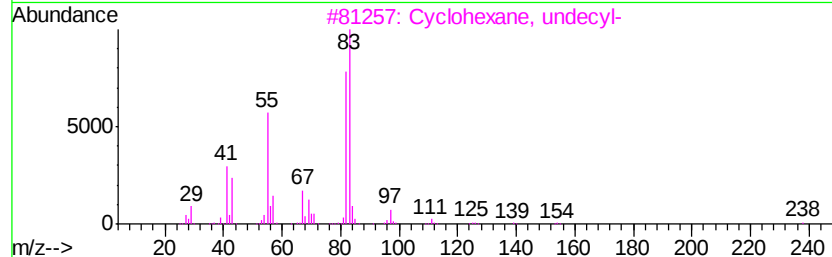
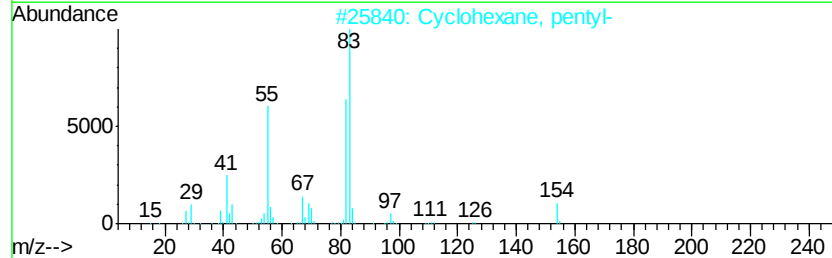
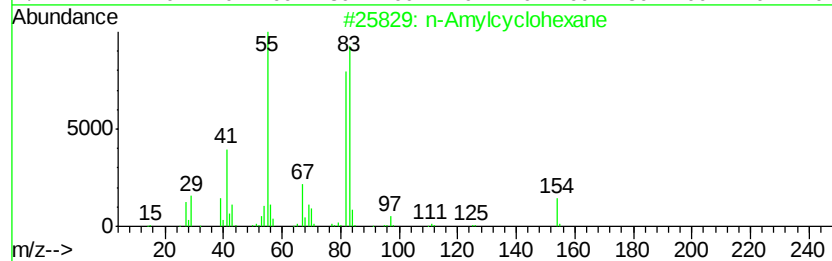
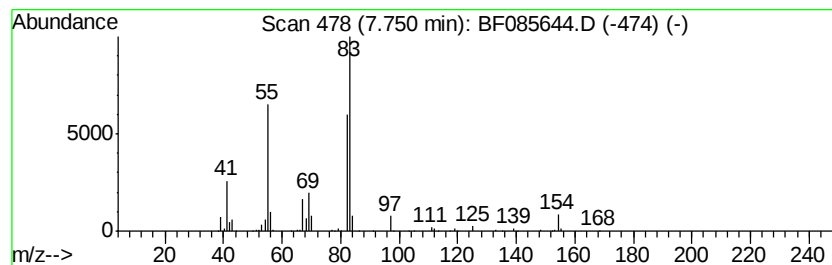
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TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Amylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	21.33 ng	1291570	Napthalene-d8	8.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Amylcyclohexane		154	C11H22	029949-27-7	91
2	Cyclohexane, pentyl-		154	C11H22	004292-92-6	91
3	Cyclohexane, undecyl-		238	C17H34	054105-66-7	90
4	Cyclohexane, octyl-		196	C14H28	001795-15-9	90
5	Cyclohexane, propyl-		126	C9H18	001678-92-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
Acq On : 22 Mar 2016 3:54
Operator : UM/SJ
Sample : H1840-02
Misc :
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Instrument :
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ClientSampleId :
PJ-SB-13-23.0-25.0

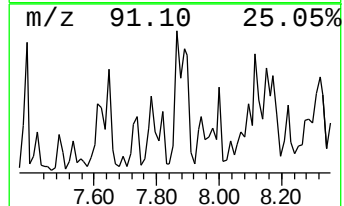
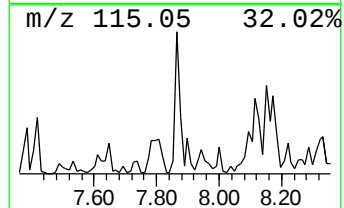
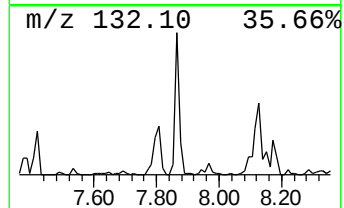
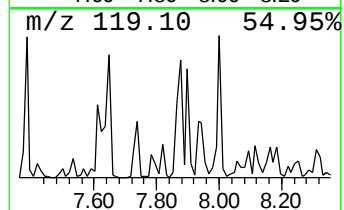
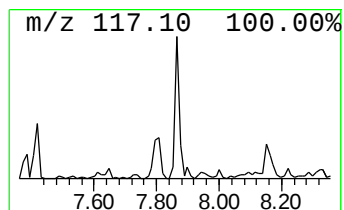
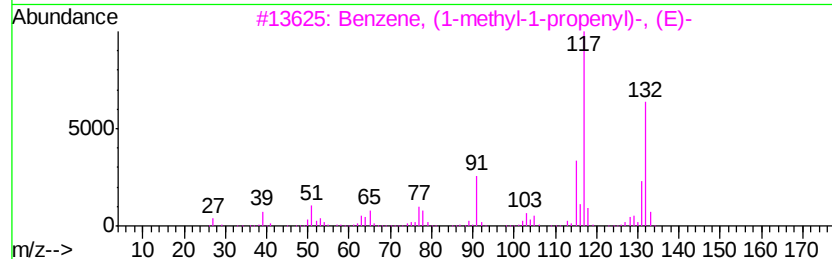
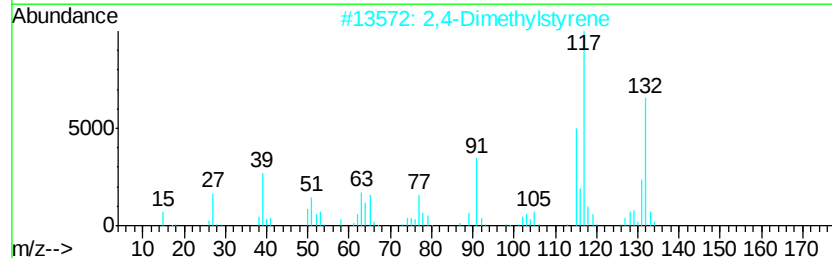
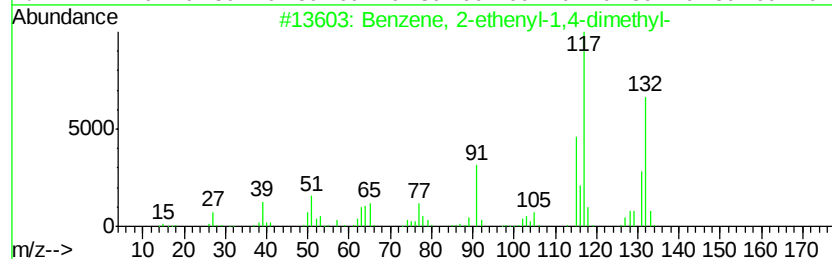
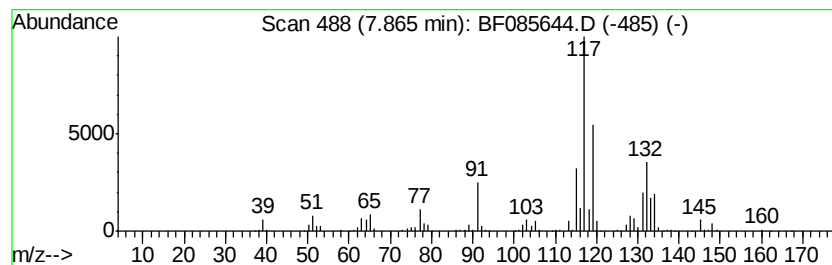
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	20.42 ng	1236620	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
Acq On : 22 Mar 2016 3:54
Operator : UM/SJ
Sample : H1840-02
Misc :
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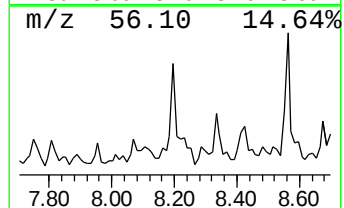
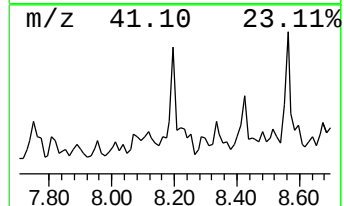
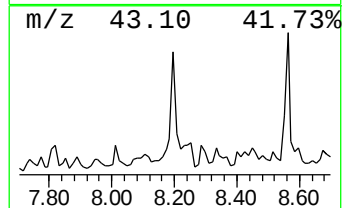
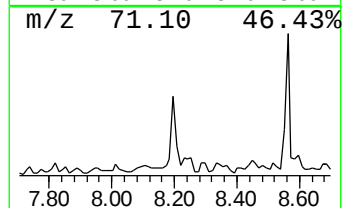
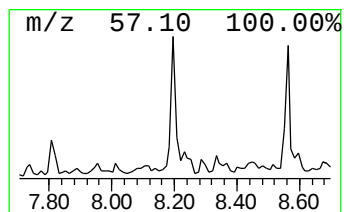
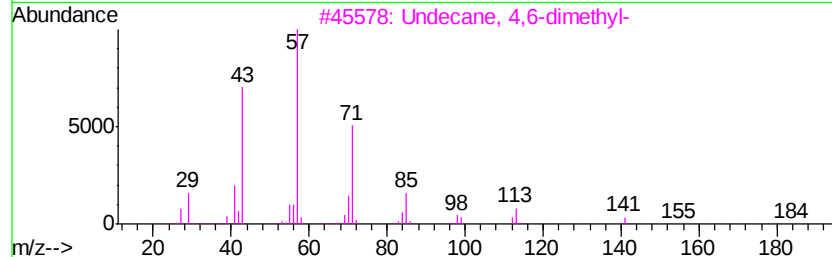
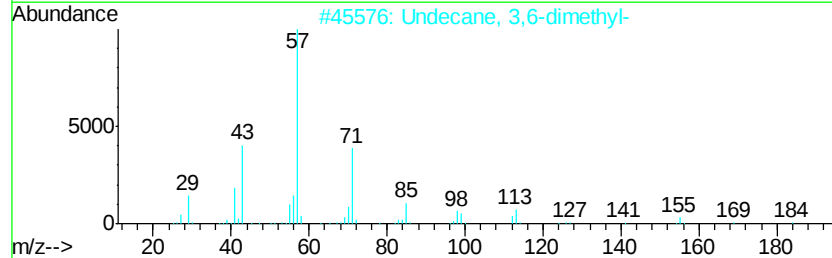
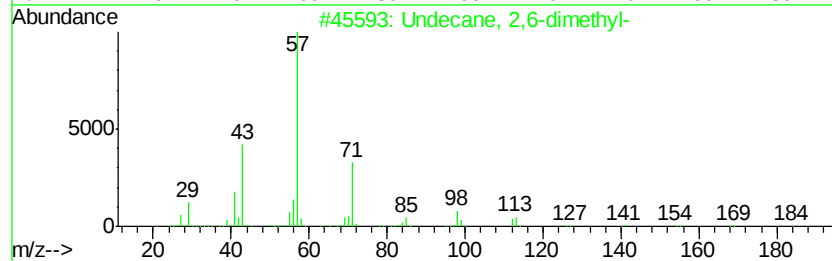
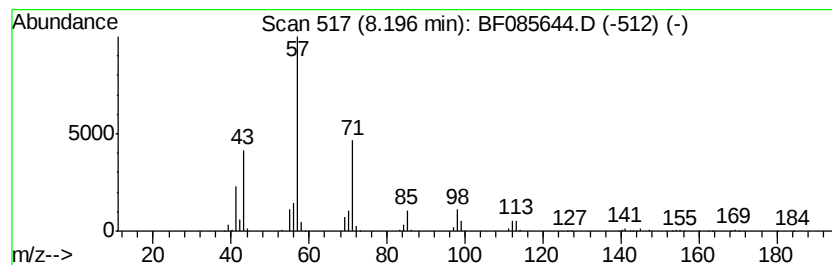
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	23.28 ng	1409570	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
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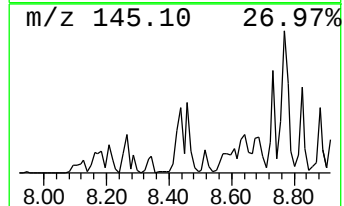
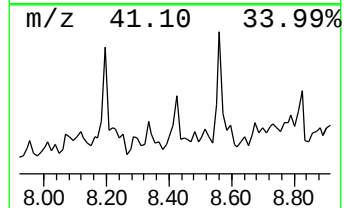
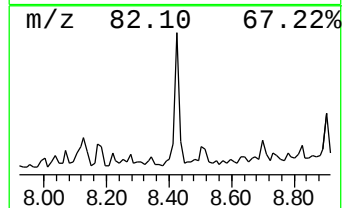
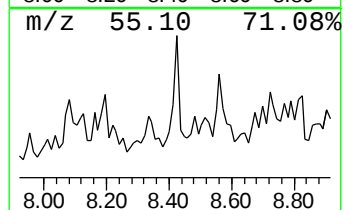
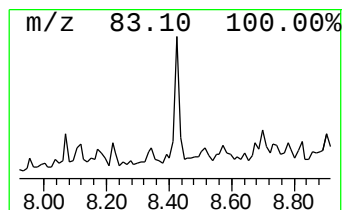
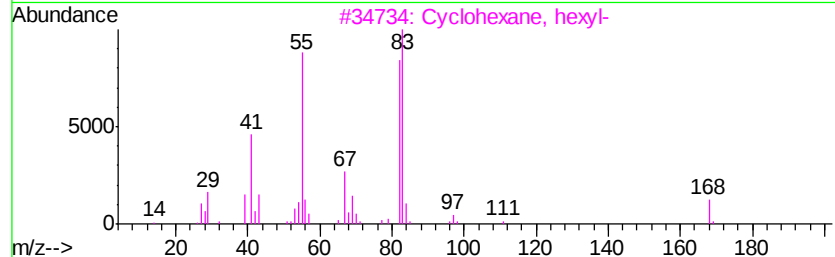
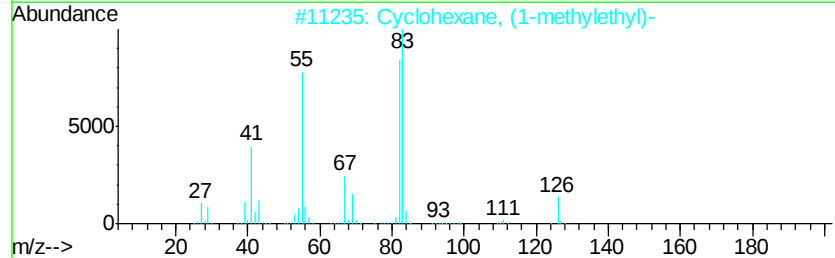
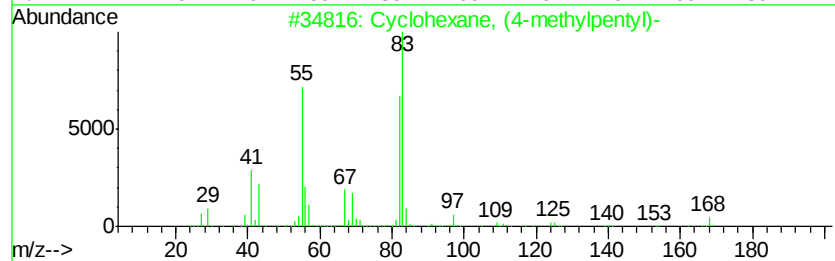
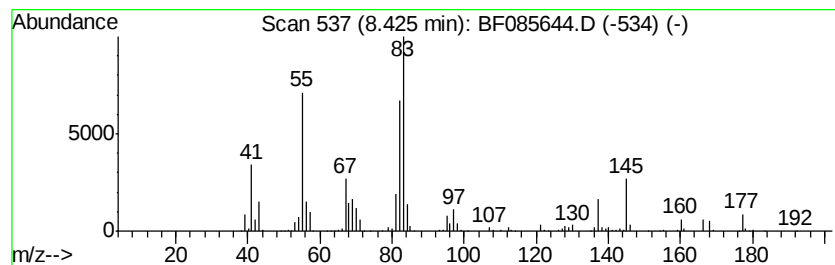
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	23.27 ng	1409100	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	74
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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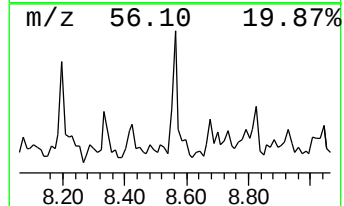
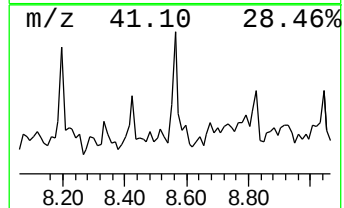
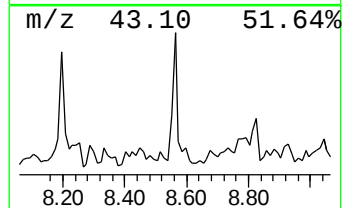
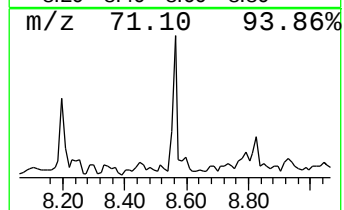
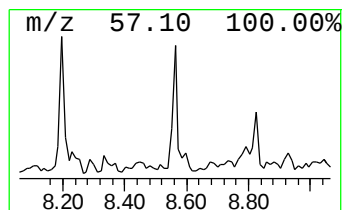
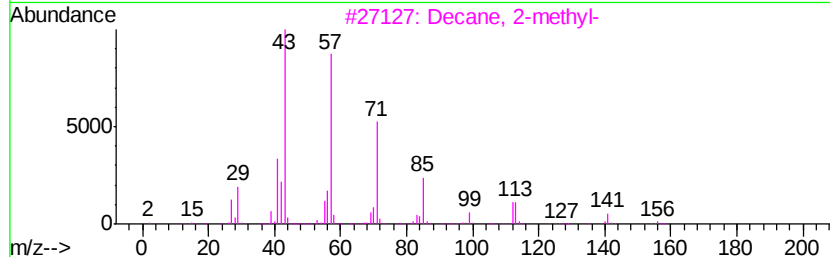
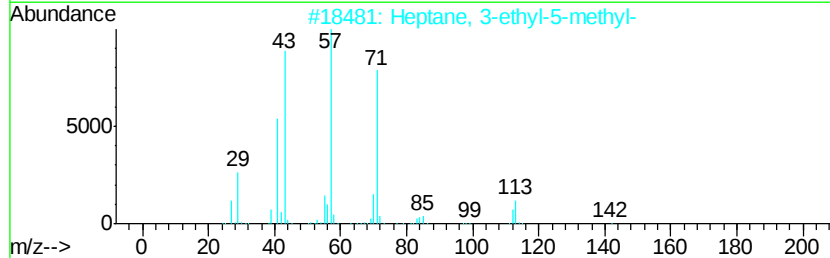
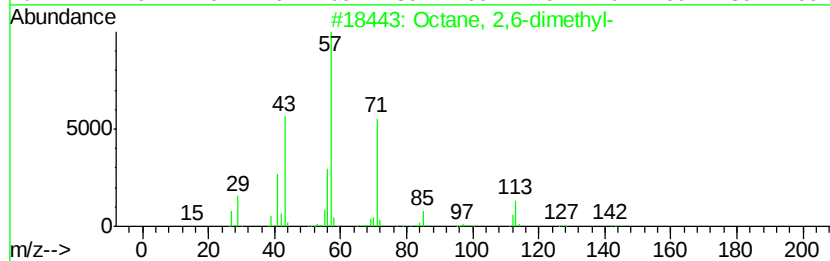
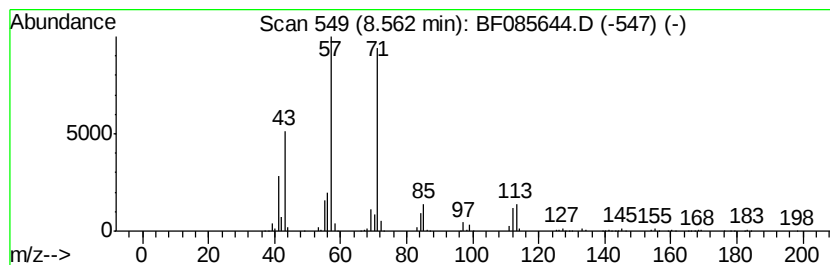
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	37.98 ng	2299670	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
3		Decane, 2-methyl-	156	C11H24	006975-98-0	72
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5		Decane, 4-methyl-	156	C11H24	002847-72-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
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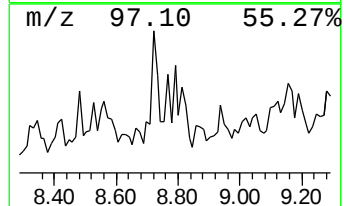
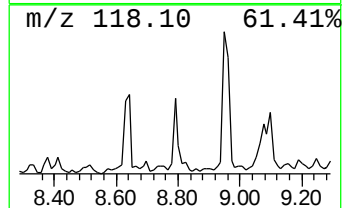
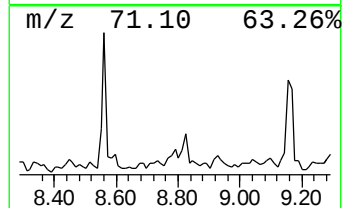
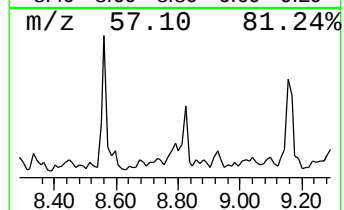
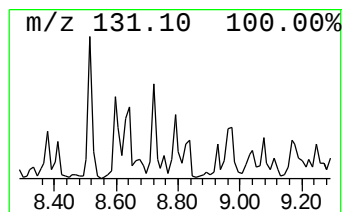
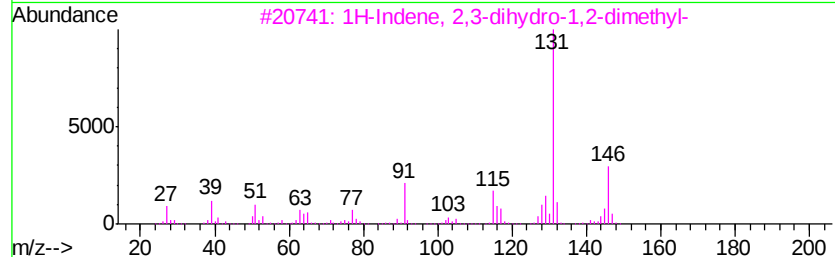
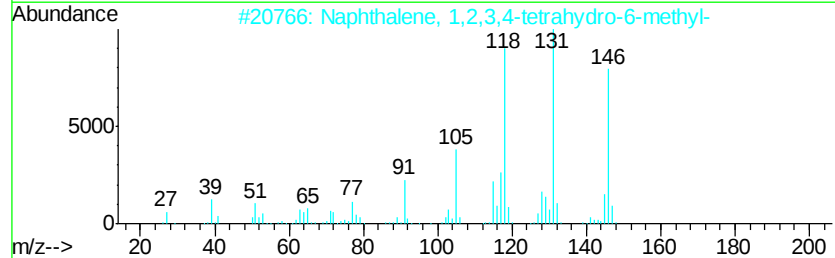
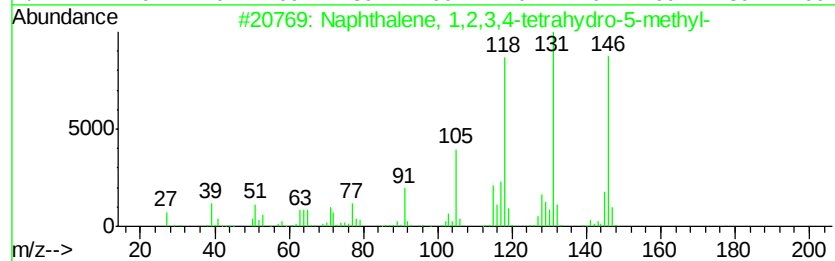
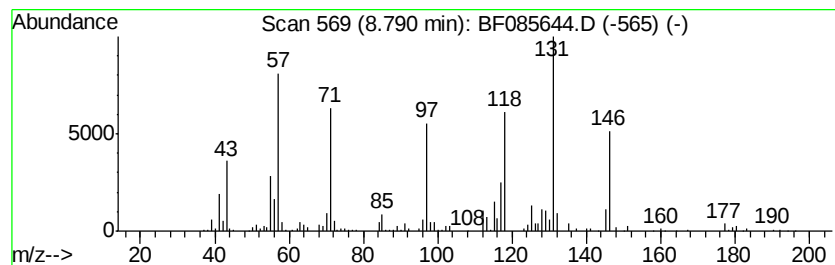
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	29.54 ng	1788790	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	92
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
5		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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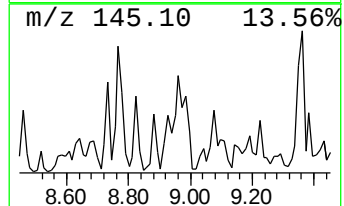
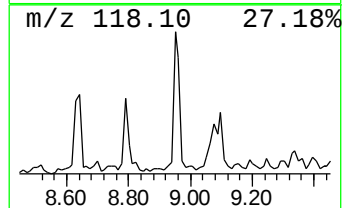
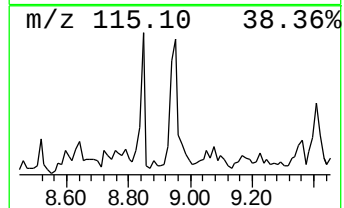
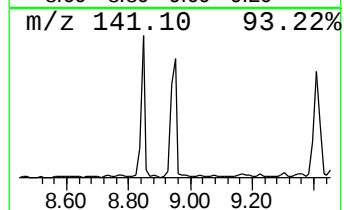
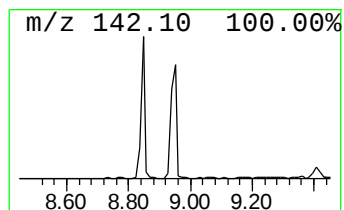
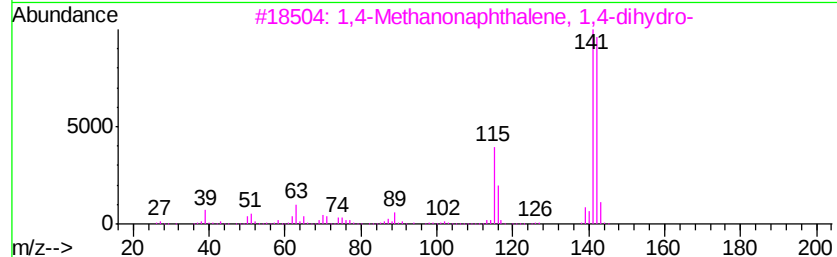
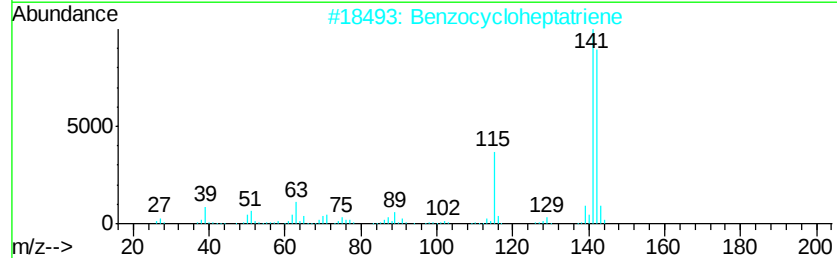
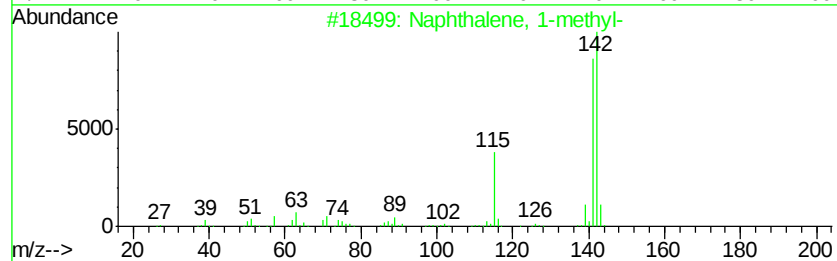
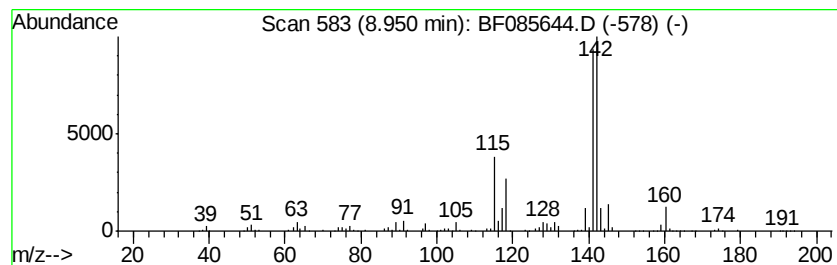
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	53.89 ng	3262980	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
2		Benzocycloheptatriene	142	C11H10	000264-09-5	81
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
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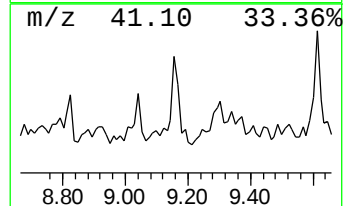
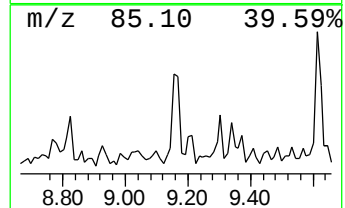
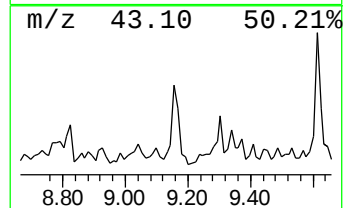
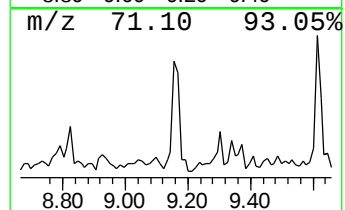
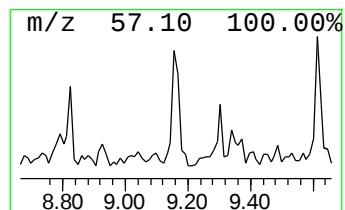
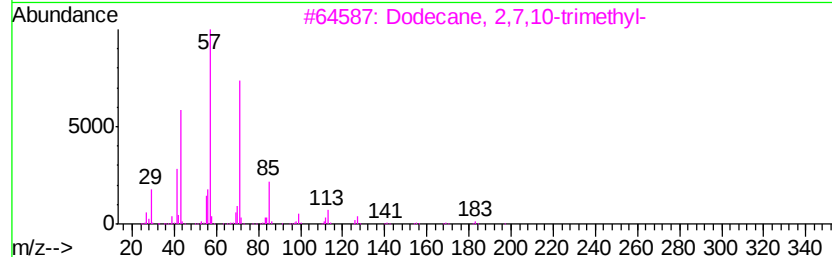
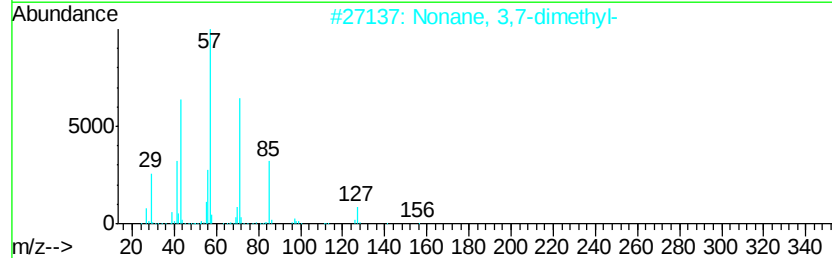
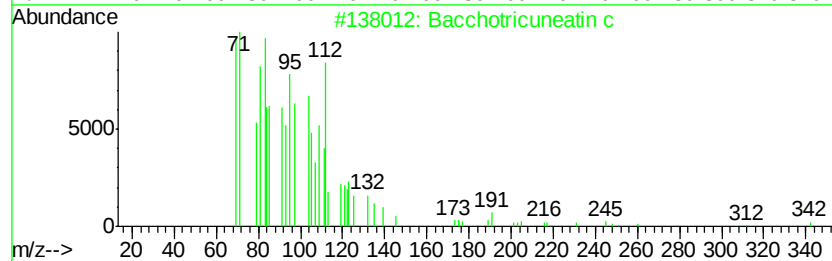
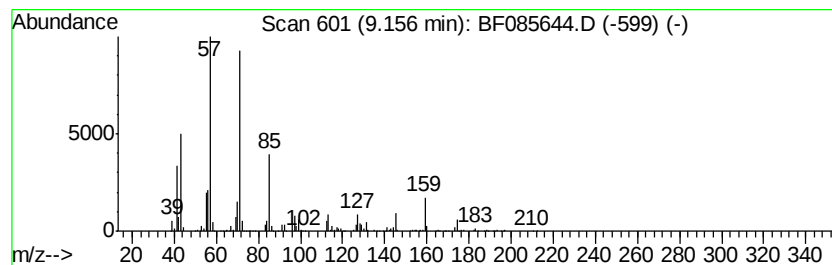
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	30.22 ng	2306040	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
Acq On : 22 Mar 2016 3:54
Operator : UM/SJ
Sample : H1840-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

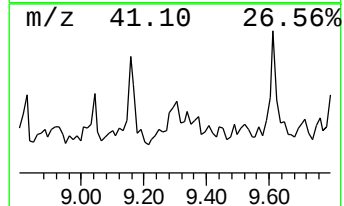
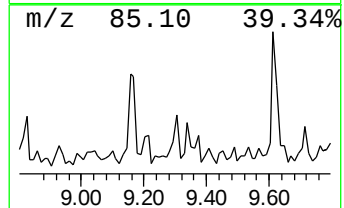
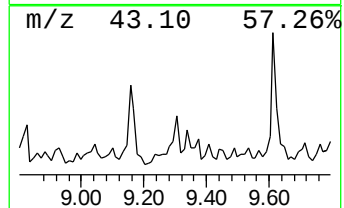
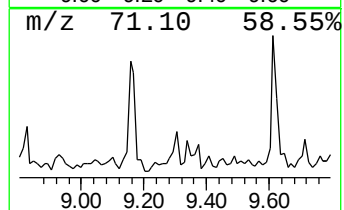
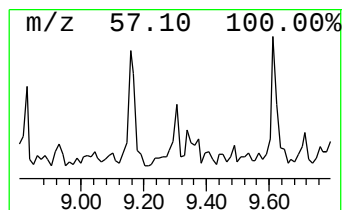
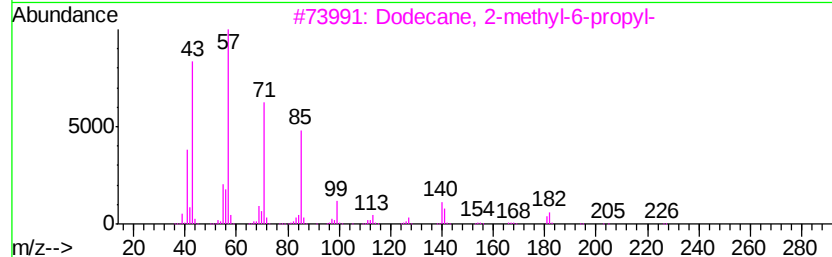
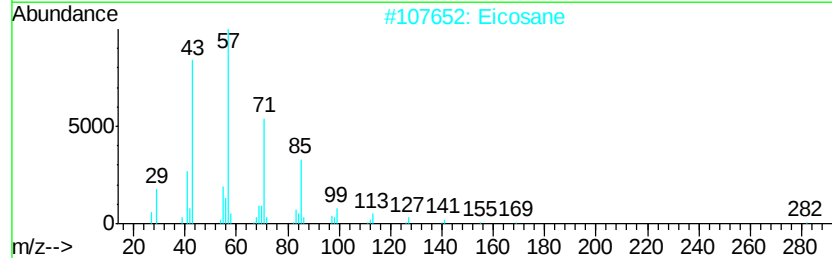
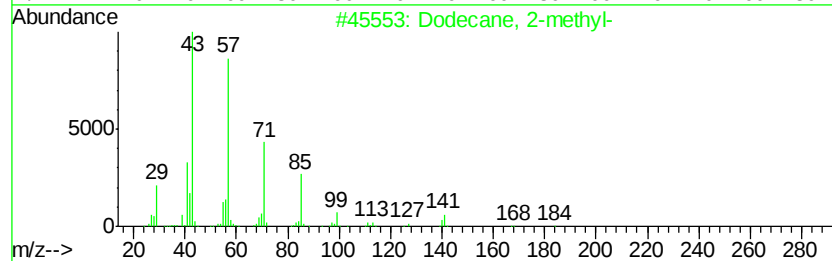
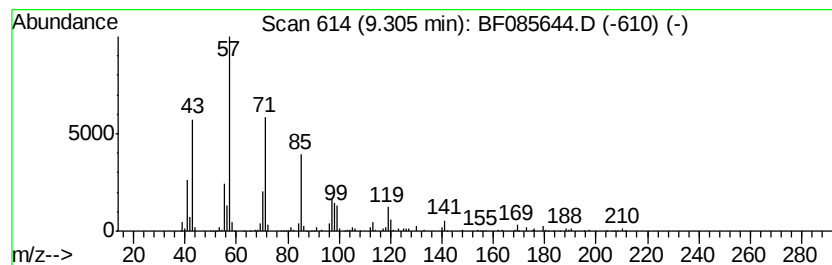
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ClientSampleId :
PJ-SB-13-23.0-25.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	20.00 ng	1525890	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-	184 C13H28	001560-97-0	58
2	Eicosane	282 C20H42	000112-95-8	53
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	50
4	Undecane, 2,3-dimethyl-	184 C13H28	017312-77-5	50
5	Decane, 3,7-dimethyl-	170 C12H26	017312-54-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
Acq On : 22 Mar 2016 3:54
Operator : UM/SJ
Sample : H1840-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-23.0-25.0

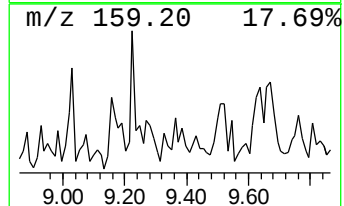
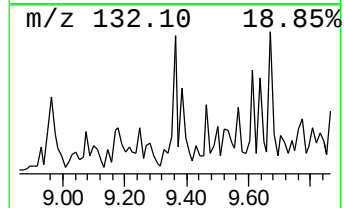
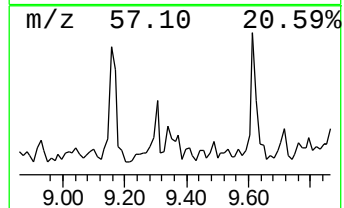
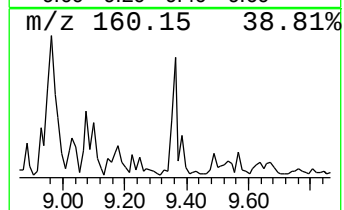
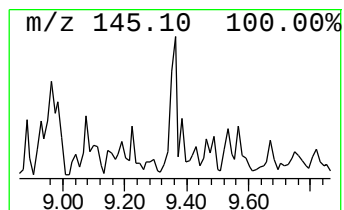
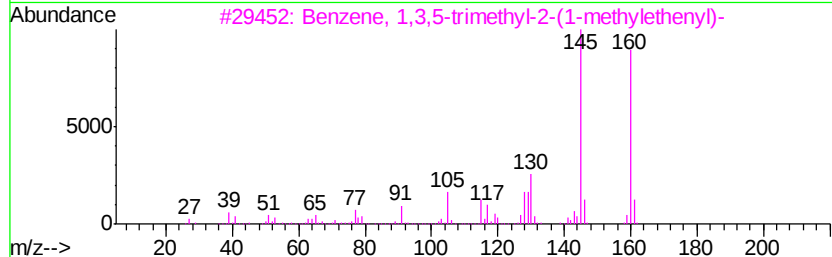
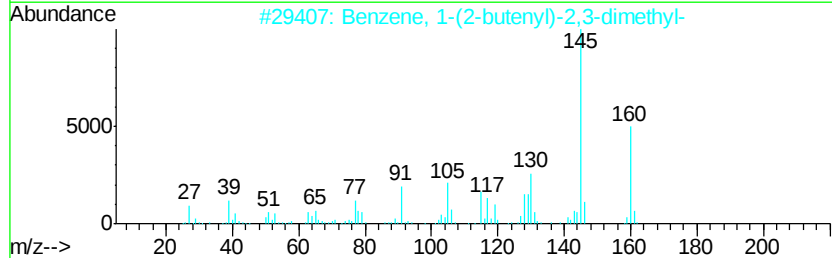
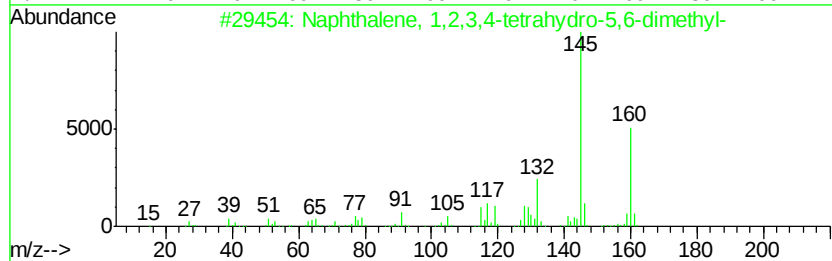
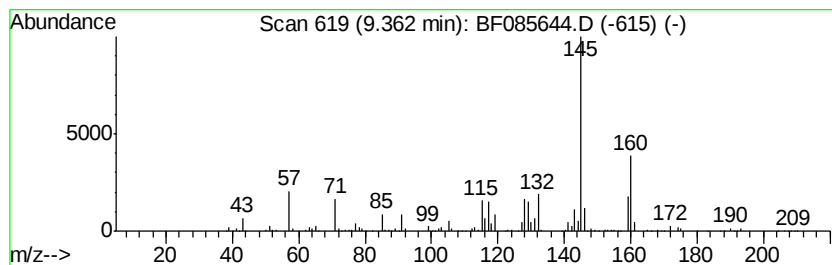
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	24.39 ng	1860710	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	93
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	91
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
Acq On : 22 Mar 2016 3:54
Operator : UM/SJ
Sample : H1840-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PJ-SB-13-23.0-25.0

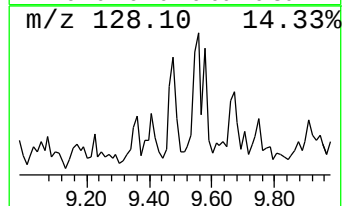
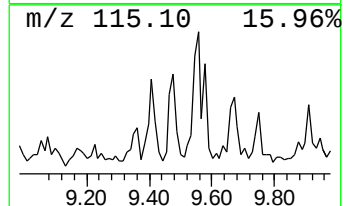
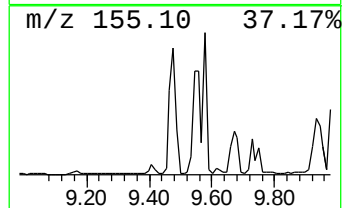
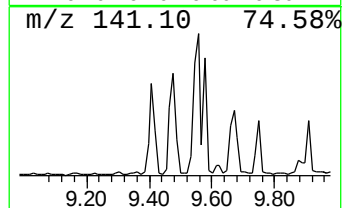
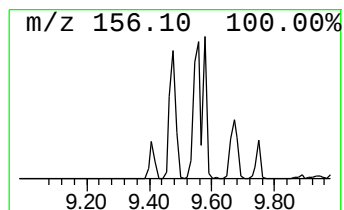
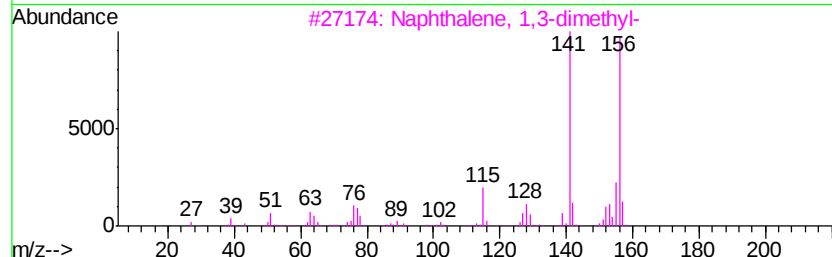
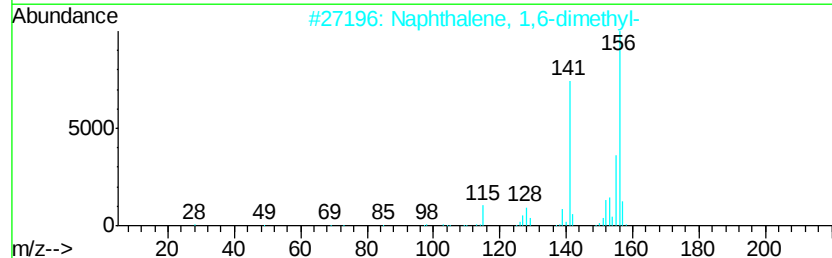
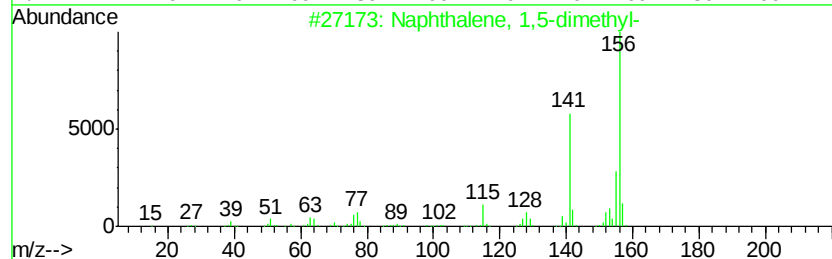
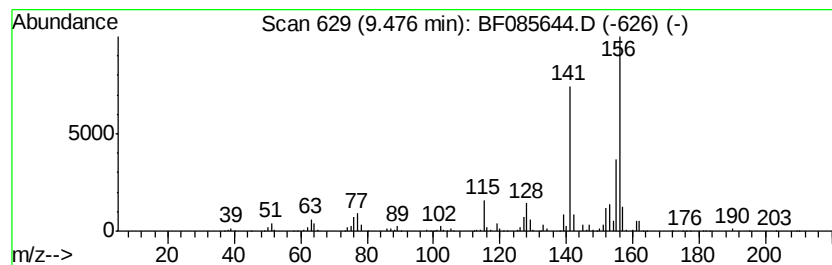
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	33.12 ng	2527280	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
Acq On : 22 Mar 2016 3:54
Operator : UM/SJ
Sample : H1840-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PJ-SB-13-23.0-25.0

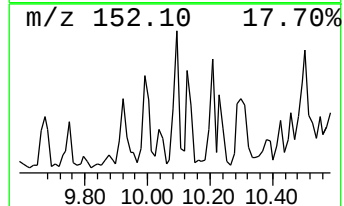
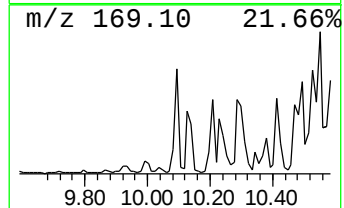
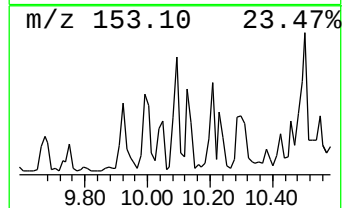
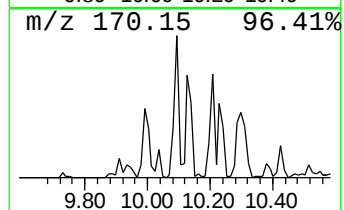
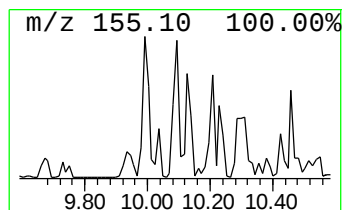
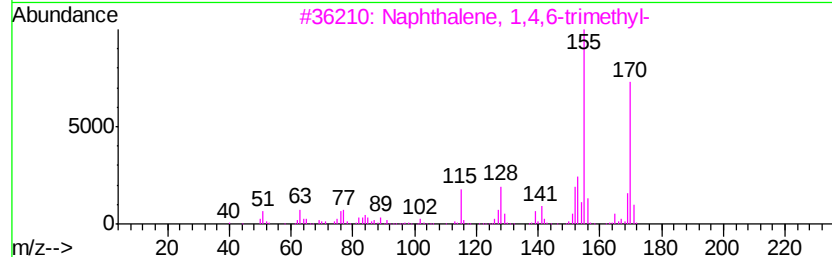
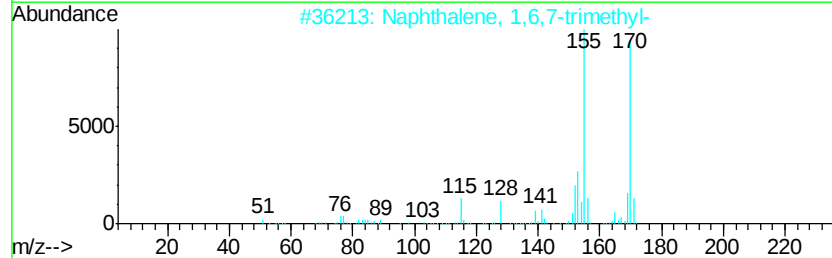
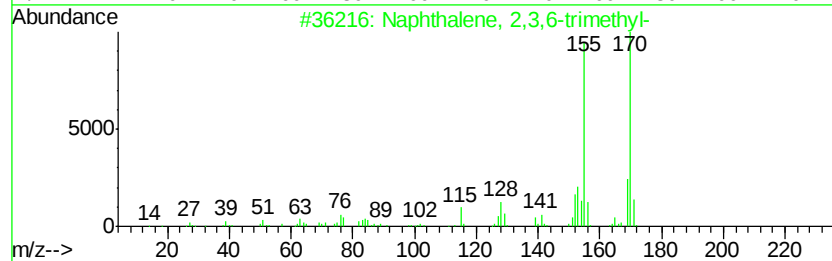
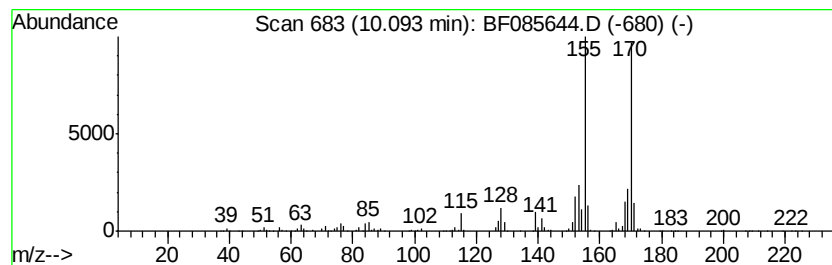
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	23.82 ng	1817780	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
Acq On : 22 Mar 2016 3:54
Operator : UM/SJ
Sample : H1840-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PJ-SB-13-23.0-25.0

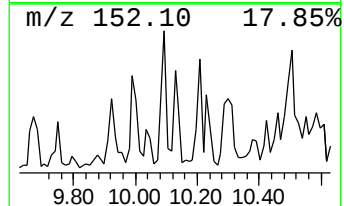
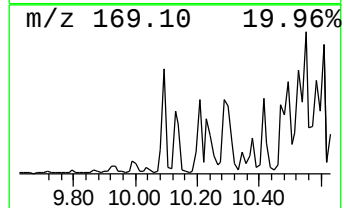
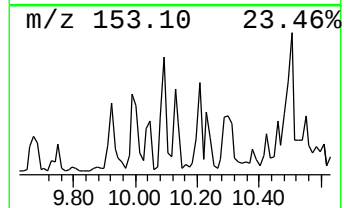
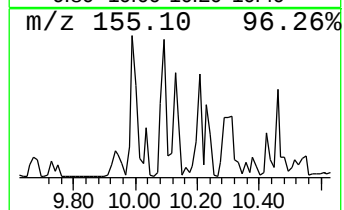
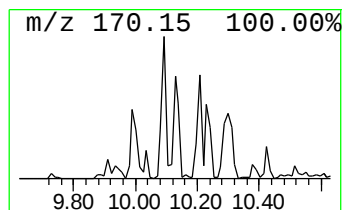
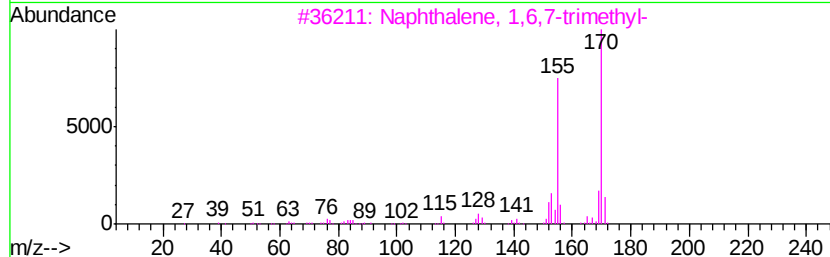
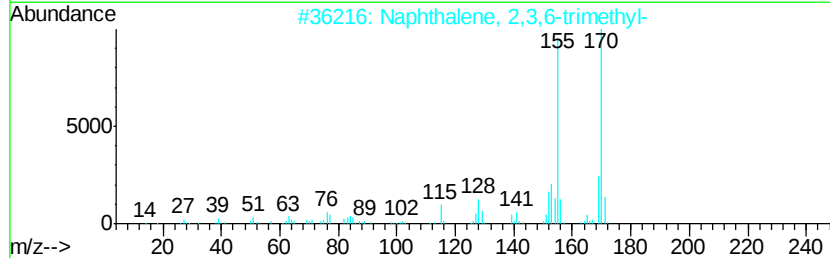
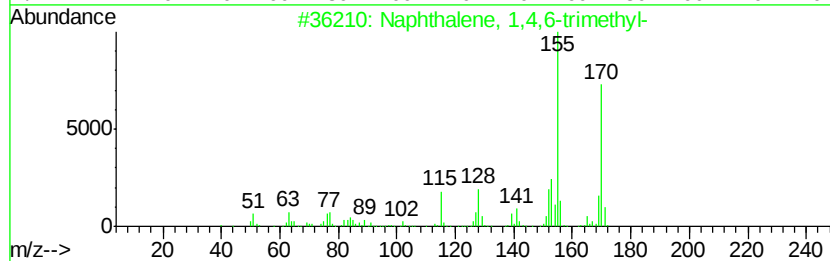
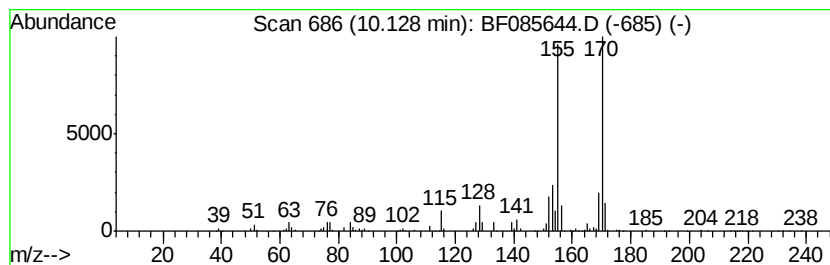
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	31.07 ng	2370770	Acenaphthene-d10	9.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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Acq On : 22 Mar 2016 3:54
Operator : UM/SJ
Sample : H1840-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

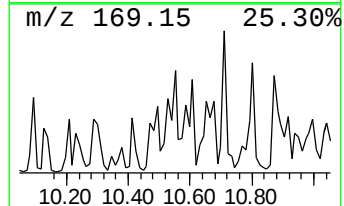
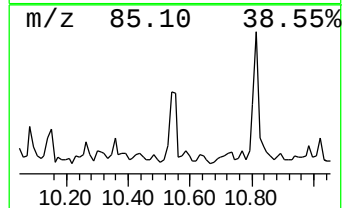
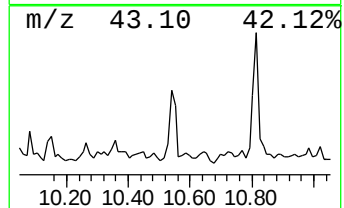
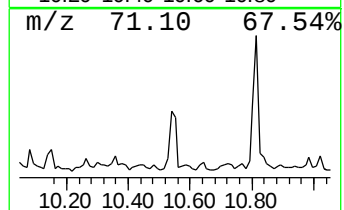
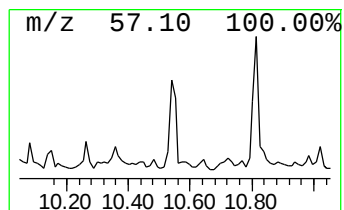
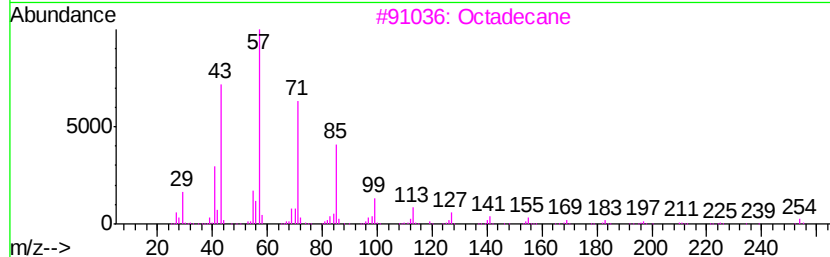
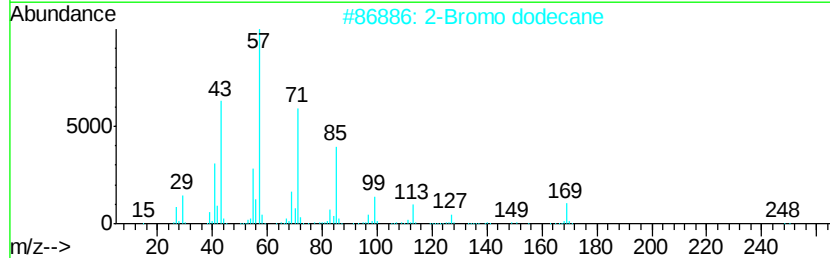
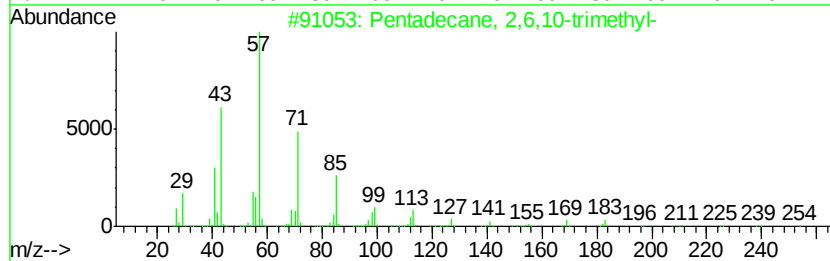
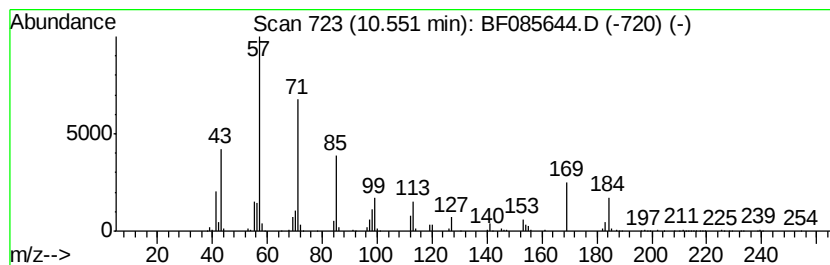
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.55	31.36 ng	2392980	Acenaphthene-d10		9.89		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	70
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	59
3			Octadecane	254	C18H38	000593-45-3	59
4			Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
Acq On : 22 Mar 2016 3:54
Operator : UM/SJ
Sample : H1840-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-23.0-25.0

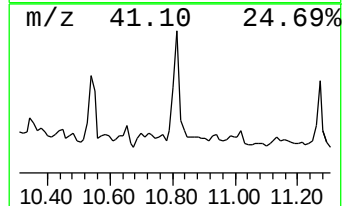
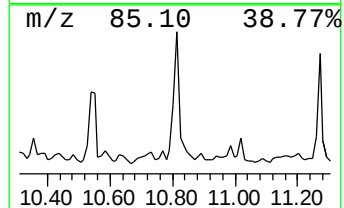
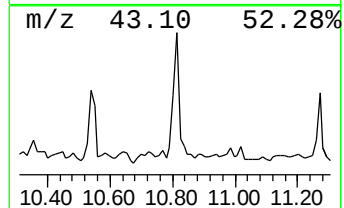
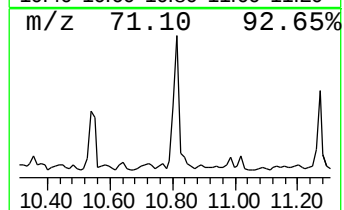
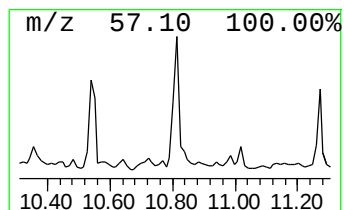
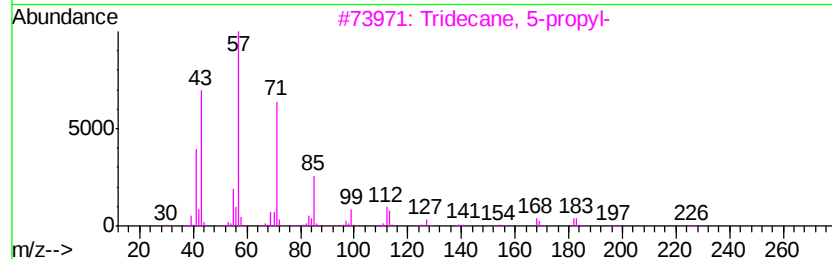
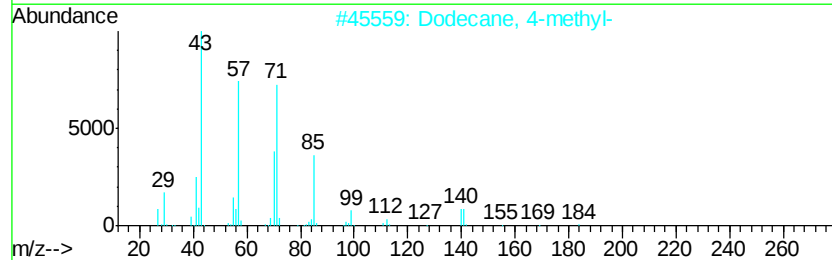
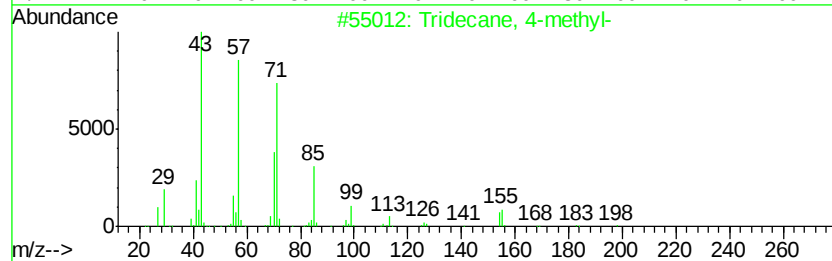
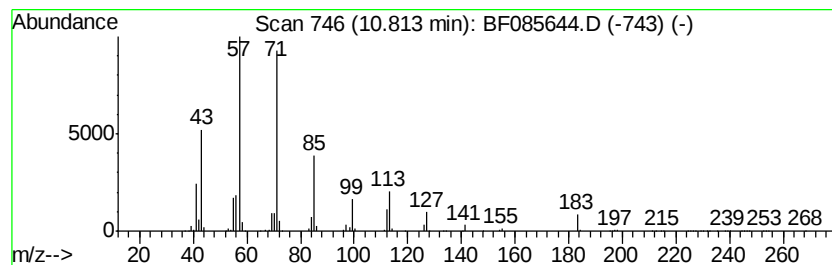
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	58.57 ng	3682540	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	59
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085644.D
Acq On : 22 Mar 2016 3:54
Operator : UM/SJ
Sample : H1840-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-23.0-25.0

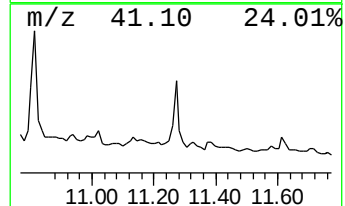
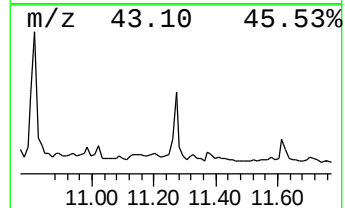
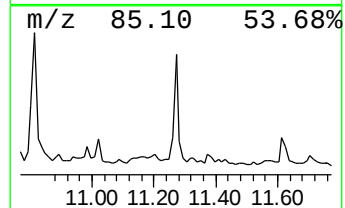
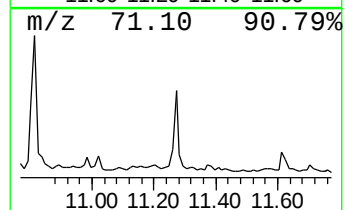
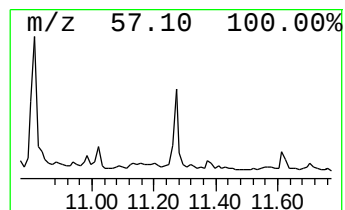
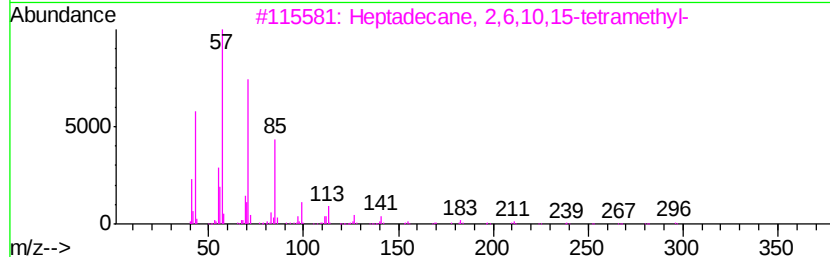
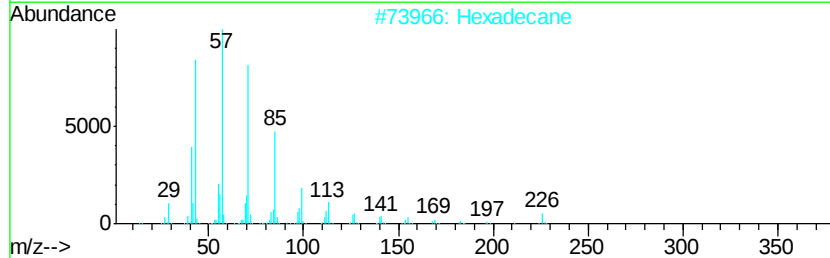
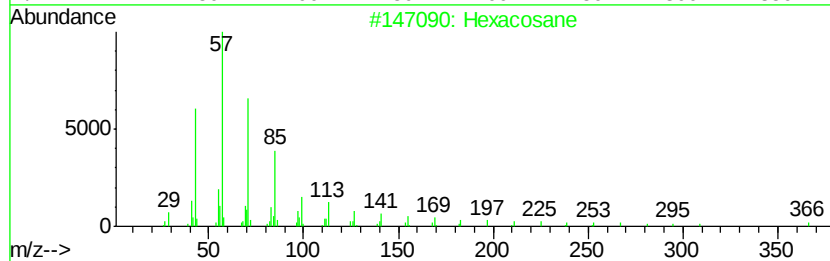
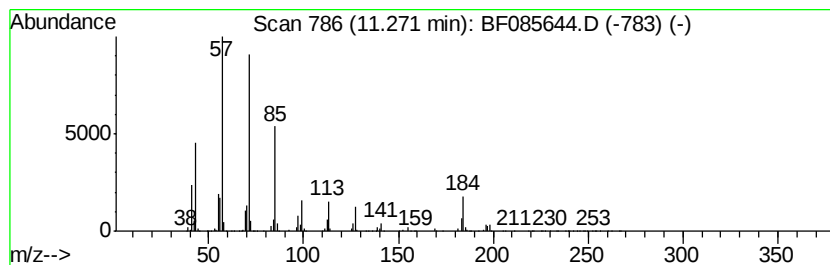
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	39.55 ng	2486960	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	86
2		Hexadecane	226	C16H34	000544-76-3	83
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085644.D
 Acq On : 22 Mar 2016 3:54
 Operator : UM/SJ
 Sample : H1840-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-13-23.0-25.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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
unknown6.61	6.61	46.3	ng	3115780	1	6.85	1345640	20.0
Benzene, 1,2,4,5-...	7.65	32.8	ng	1985780	2	8.13	1211040	20.0
n-Amylcyclohexane	7.75	21.3	ng	1291570	2	8.13	1211040	20.0
Benzene, 2-etheny...	7.86	20.4	ng	1236620	2	8.13	1211040	20.0
Undecane, 2,6-dim...	8.20	23.3	ng	1409570	2	8.13	1211040	20.0
Cyclohexane, (4-m...	8.42	23.3	ng	1409100	2	8.13	1211040	20.0
Octane, 2,6-dimet...	8.56	38.0	ng	2299670	2	8.13	1211040	20.0
Naphthalene, 1,2,...	8.79	29.5	ng	1788790	2	8.13	1211040	20.0
Naphthalene, 1-me...	8.95	53.9	ng	3262980	2	8.13	1211040	20.0
Bacchotricuneatin c	9.16	30.2	ng	2306040	3	9.89	1526060	20.0
Dodecane, 2-methyl-	9.30	20.0	ng	1525890	3	9.89	1526060	20.0
Naphthalene, 1,2,...	9.36	24.4	ng	1860710	3	9.89	1526060	20.0
Naphthalene, 1,5-...	9.48	33.1	ng	2527280	3	9.89	1526060	20.0
Naphthalene, 2,3,...	10.09	23.8	ng	1817780	3	9.89	1526060	20.0
Naphthalene, 1,4,...	10.13	31.1	ng	2370770	3	9.89	1526060	20.0
Pentadecane, 2,6,...	10.55	31.4	ng	2392980	3	9.89	1526060	20.0
Tridecane, 4-methyl-	10.81	58.6	ng	3682540	4	11.37	1257560	20.0
Hexacosane	11.27	39.5	ng	2486960	4	11.37	1257560	20.0