

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
 Data File : BF093406.D
 Acq On : 6 Mar 2017 17:45
 Operator : SJ/MA
 Sample : I2061-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-3

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-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.927	264	266	271	rVV	584383	833220	19.19%	0.802%
2	5.373	303	305	314	rBV	3550958	4342526	100.00%	4.182%
3	5.899	348	351	354	rVB	150485	163839	3.77%	0.158%
4	6.001	358	360	363	rBV	352028	469543	10.81%	0.452%
5	6.059	363	365	366	rBV	158838	173219	3.99%	0.167%
6	6.196	374	377	378	rBV	166129	228449	5.26%	0.220%
7	6.264	380	383	384	rBV2	92203	184212	4.24%	0.177%
8	6.287	384	385	389	rVB3	218122	275851	6.35%	0.266%
9	6.424	395	397	402	rBV	2892095	4323361	99.56%	4.164%
10	6.504	402	404	406	rVV3	124106	216692	4.99%	0.209%
11	6.550	406	408	410	rVB	3763936	4269006	98.31%	4.111%
12	6.607	410	413	416	rVB3	187463	260176	5.99%	0.251%
13	6.710	420	422	425	rBV	1138851	1202903	27.70%	1.159%
14	6.779	425	428	431	rVB2	1043431	1820691	41.93%	1.753%
15	6.824	431	432	434	rBV	151885	210819	4.85%	0.203%
16	6.927	439	441	445	rVB	2992252	3508734	80.80%	3.379%
17	7.053	445	452	453	rBV3	296893	622052	14.32%	0.599%
18	7.099	453	456	457	rBV2	106017	196394	4.52%	0.189%
19	7.167	460	462	463	rBV2	277821	327900	7.55%	0.316%
20	7.316	470	475	476	rBV2	480117	692212	15.94%	0.667%
21	7.350	476	478	480	rBV	2971332	2879723	66.31%	2.773%
22	7.419	482	484	486	rVB2	337180	525085	12.09%	0.506%
23	7.487	486	490	492	rBV2	352862	764280	17.60%	0.736%
24	7.579	492	498	500	rBV4	436648	1051017	24.20%	1.012%
25	7.613	500	501	504	rBV3	130198	168359	3.88%	0.162%
26	7.693	504	508	511	rBV4	449697	1089733	25.09%	1.050%
27	7.739	511	512	514	rVB	230877	296716	6.83%	0.286%
28	7.807	516	518	522	rVB4	308472	554823	12.78%	0.534%
29	7.887	522	525	527	rVB2	195315	356564	8.21%	0.343%
30	7.933	527	529	533	rBV3	291666	623954	14.37%	0.601%
31	8.013	533	536	537	rBV	2062828	2875778	66.22%	2.770%
32	8.059	537	540	543	rVV	1328830	2093983	48.22%	2.017%
33	8.127	543	546	547	rVB	1247686	1390870	32.03%	1.340%
34	8.150	547	548	552	rVB2	490792	725006	16.70%	0.698%

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35	8.230	552	555	556	rBV2	1264354	1433454	33.01%	1.381%
36	8.264	556	558	559	rVB2	487614	490622	11.30%	0.473%
37	8.344	562	565	567	rBV3	439583	884843	20.38%	0.852%
38	8.447	572	574	575	rVB	404257	479194	11.03%	0.462%
39	8.482	575	577	580	rBV	1659860	2130294	49.06%	2.052%
40	8.562	582	584	586	rBV2	406397	499369	11.50%	0.481%
41	8.596	586	587	588	rBV	280264	199496	4.59%	0.192%
42	8.653	590	592	594	rBV2	355303	439080	10.11%	0.423%
43	8.710	596	597	599	rVV2	325223	481795	11.09%	0.464%
44	8.745	599	600	602	rVB2	526317	477647	11.00%	0.460%
45	8.779	602	603	604	rVB	415204	284622	6.55%	0.274%
46	8.870	607	611	614	rBV4	550187	1103826	25.42%	1.063%
47	8.939	615	617	618	rVV2	224463	268825	6.19%	0.259%
48	8.962	618	619	621	rVB	404129	364853	8.40%	0.351%
49	9.076	627	629	632	rBV2	1339428	1692916	38.98%	1.630%
50	9.133	632	634	636	rVB	3143366	3105850	71.52%	2.991%
51	9.213	638	641	643	rBV2	648737	1303722	30.02%	1.256%
52	9.282	643	647	649	rVB4	405288	864093	19.90%	0.832%
53	9.327	649	651	653	rVB2	390648	455335	10.49%	0.439%
54	9.396	655	657	659	rVB	565891	801799	18.46%	0.772%
55	9.442	659	661	662	rBV2	186402	236835	5.45%	0.228%
56	9.476	662	664	665	rVV	662863	990207	22.80%	0.954%
57	9.499	665	666	668	rVV2	606560	1018655	23.46%	0.981%
58	9.533	668	669	671	rVV	2740282	2113275	48.66%	2.035%
59	9.590	673	674	676	rBV	369658	297657	6.85%	0.287%
60	9.670	680	681	683	rBV2	446819	510065	11.75%	0.491%
61	9.716	683	685	686	rVB2	586877	487511	11.23%	0.470%
62	9.739	686	687	689	rBV2	264476	420205	9.68%	0.405%
63	9.807	689	693	695	rBV3	1394721	2072414	47.72%	1.996%
64	9.910	701	702	705	rVB	449040	573392	13.20%	0.552%
65	9.967	705	707	708	rBV2	254101	416071	9.58%	0.401%
66	10.002	708	710	713	rVB2	647505	1074124	24.74%	1.034%
67	10.059	713	715	719	rVB3	743102	1226904	28.25%	1.182%
68	10.128	719	721	723	rBV2	537649	746502	17.19%	0.719%
69	10.208	727	728	730	rBV2	431023	767308	17.67%	0.739%
70	10.356	738	741	744	rBV4	283464	876702	20.19%	0.844%
71	10.459	747	750	753	rVB	1795698	1990351	45.83%	1.917%

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72	10.505	753	754	757	rBV3	253557	260383	6.00%	0.251%
73	10.573	759	760	761	rVB	280521	192437	4.43%	0.185%
74	10.596	761	762	764	rBV2	1002859	1324351	30.50%	1.275%
75	10.722	771	773	777	rBV	2674006	3107136	71.55%	2.992%
76	10.905	787	789	790	rBV	191539	313625	7.22%	0.302%
77	11.042	799	801	805	rBV5	196819	464245	10.69%	0.447%
78	11.156	809	811	812	rVV2	303050	341975	7.88%	0.329%
79	11.190	812	814	816	rVB	1673364	1819647	41.90%	1.752%
80	11.293	821	823	827	rBV2	1182944	1436924	33.09%	1.384%
81	11.533	842	844	846	rBV	477053	607996	14.00%	0.586%
82	11.625	850	852	855	rVB3	310435	502914	11.58%	0.484%
83	11.911	874	877	878	rVV	910203	938560	21.61%	0.904%
84	11.945	878	880	883	rVB3	272977	492885	11.35%	0.475%
85	12.071	889	891	893	rVB2	263068	276080	6.36%	0.266%
86	12.276	907	909	913	rVB	364270	611322	14.08%	0.589%
87	12.379	916	918	919	rBV	603020	593451	13.67%	0.572%
88	12.413	919	921	925	rBV2	1483642	2799814	64.47%	2.696%
89	12.482	925	927	929	rBV3	298614	448549	10.33%	0.432%
90	12.562	931	934	935	rBV2	427043	673976	15.52%	0.649%
91	12.596	935	937	939	rVV	1049289	1479498	34.07%	1.425%
92	12.642	939	941	942	rBV	937628	766598	17.65%	0.738%
93	12.768	950	952	953	rBV	619424	599684	13.81%	0.578%
94	12.813	954	956	958	rVV	589500	928492	21.38%	0.894%
95	12.882	960	962	965	rVB2	2003879	3237625	74.56%	3.118%
96	13.099	979	981	983	rBV	1272202	1678011	38.64%	1.616%
97	13.145	983	985	988	rBV3	358196	751251	17.30%	0.724%
98	13.305	998	999	1002	rBV2	965537	1216636	28.02%	1.172%
99	13.465	1011	1013	1016	rBV2	593420	1013400	23.34%	0.976%
100	16.368	1265	1267	1272	rVB	874600	1656892	38.16%	1.596%

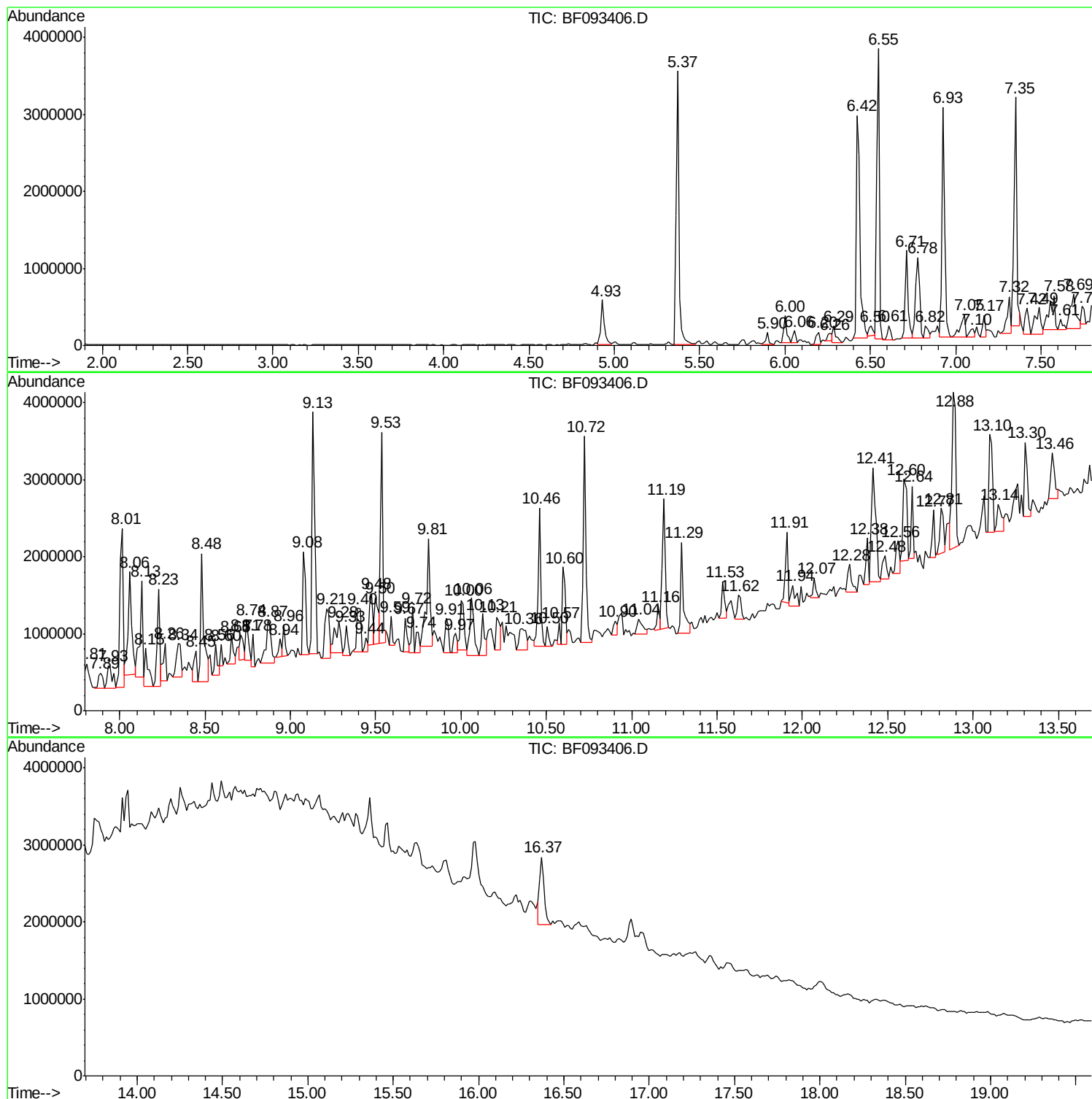
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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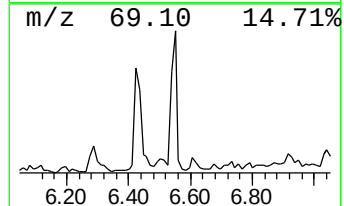
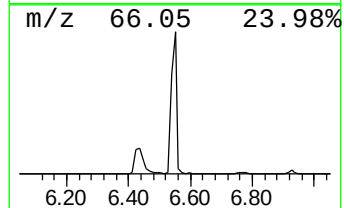
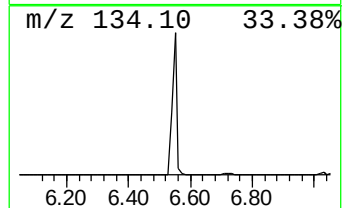
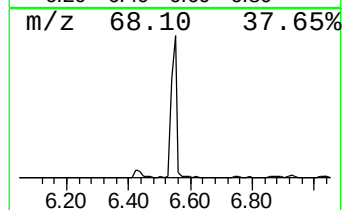
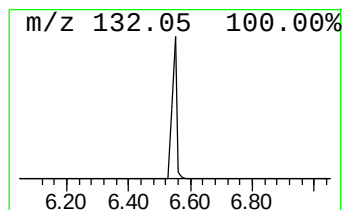
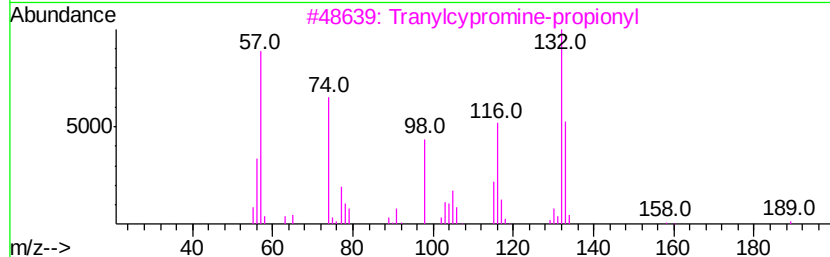
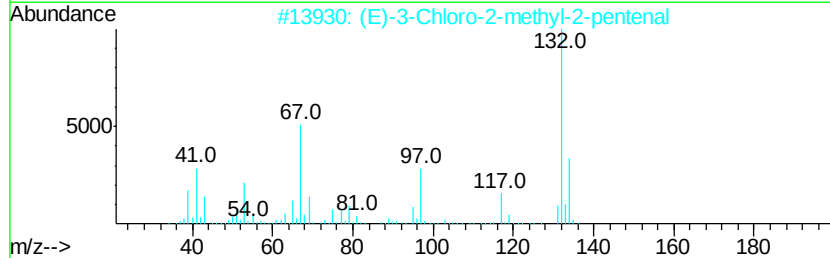
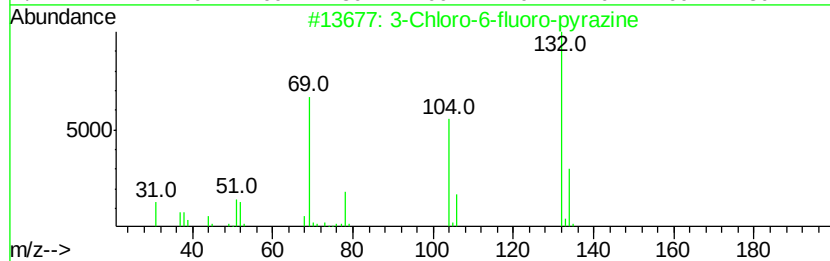
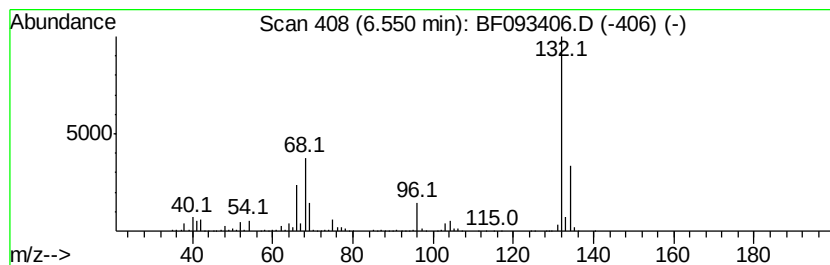
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	46.89 ng	4269010	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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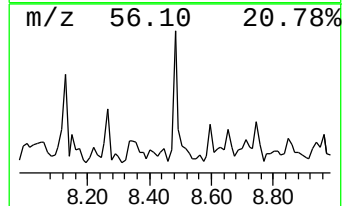
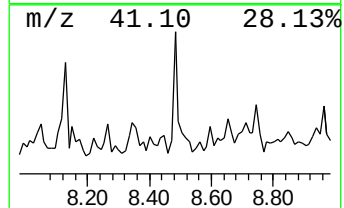
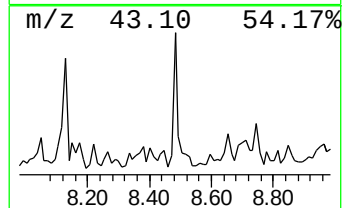
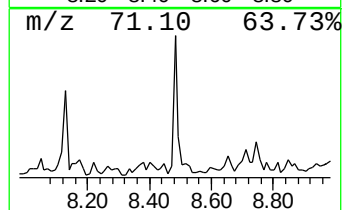
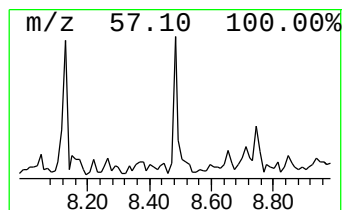
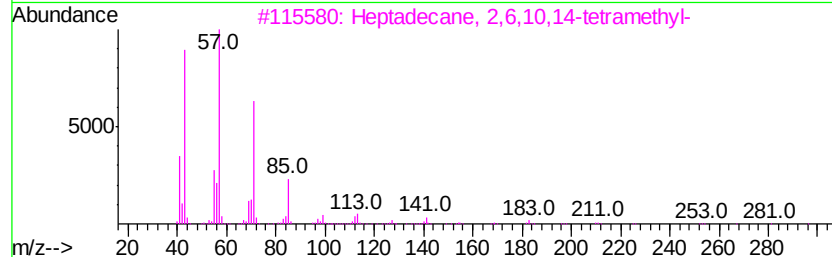
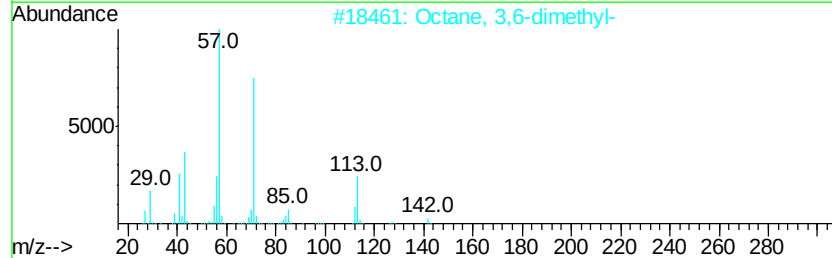
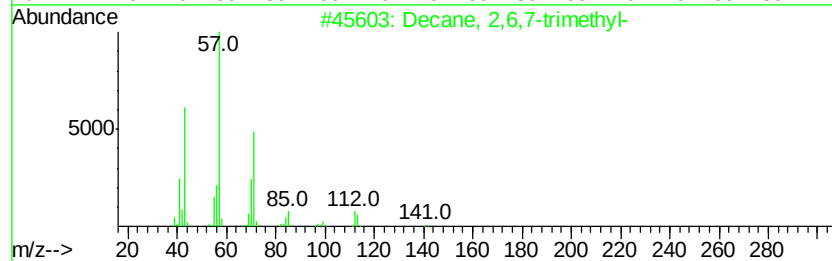
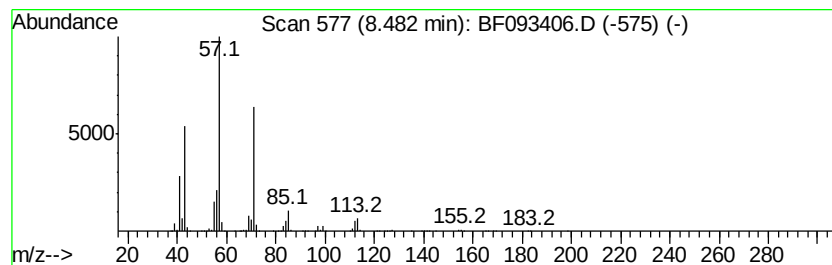
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	20.35 ng	2130290	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59
4		Hexadecane	226	C16H34	000544-76-3	53
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	53



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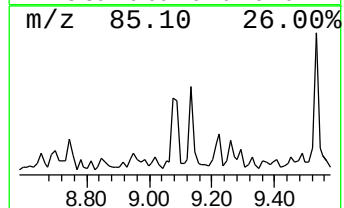
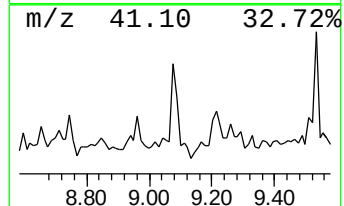
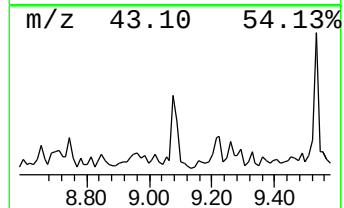
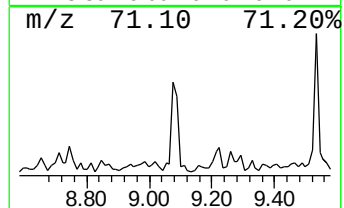
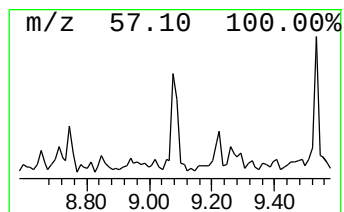
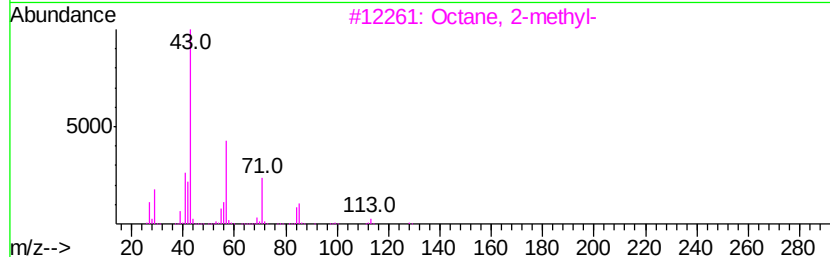
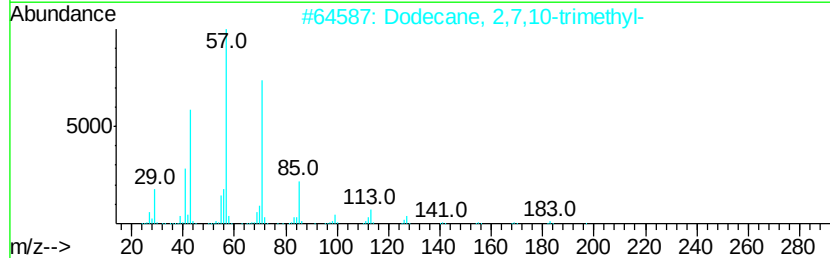
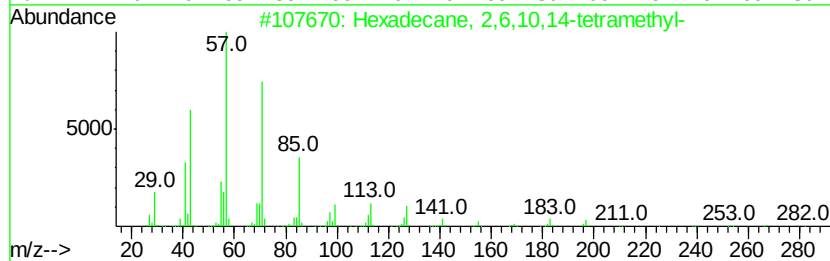
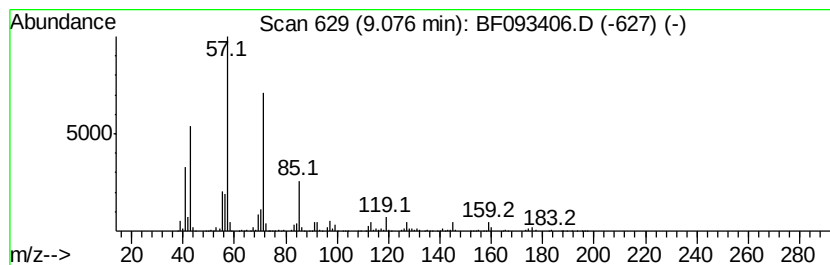
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Peak Number 5 Hexadecane, 2,6,10,14-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	16.34 ng	1692920	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3		Octane, 2-methyl-	128	C9H20	003221-61-2	59
4		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	59
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	53



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Misc :
ALS Vial : 8 Sample Multiplier: 1

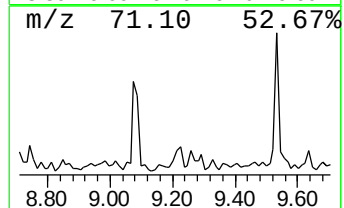
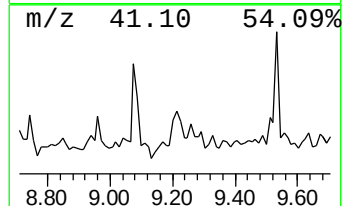
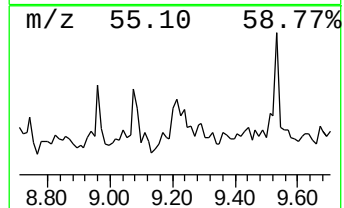
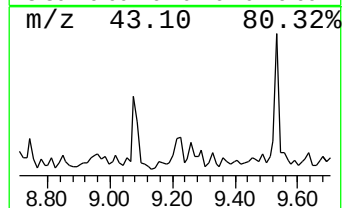
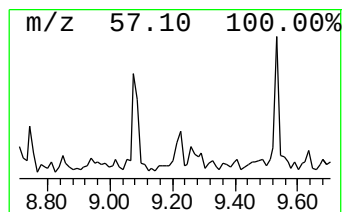
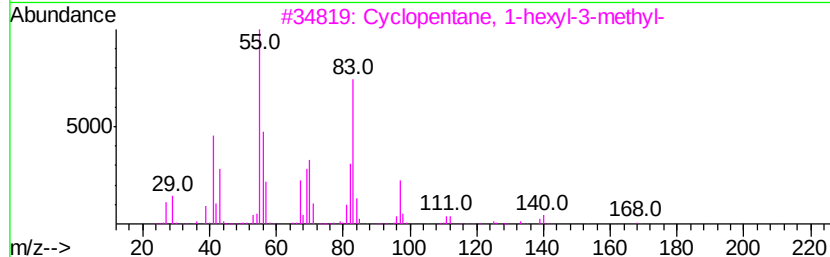
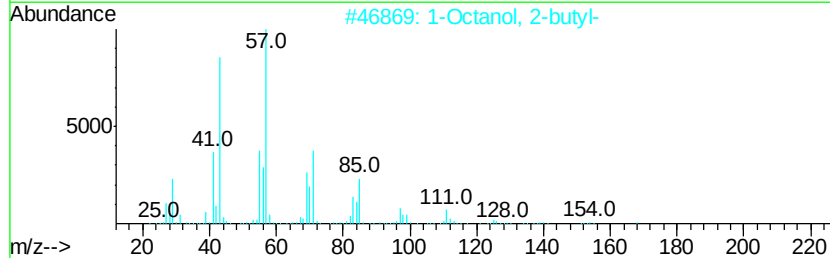
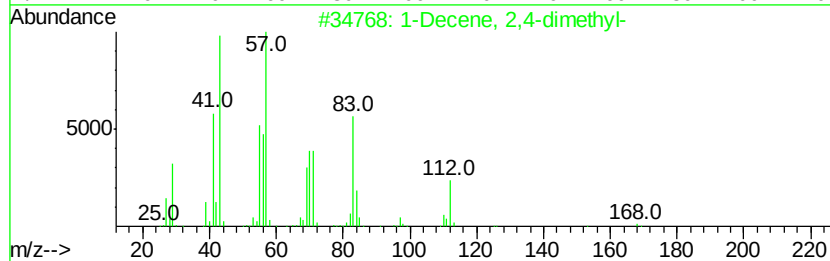
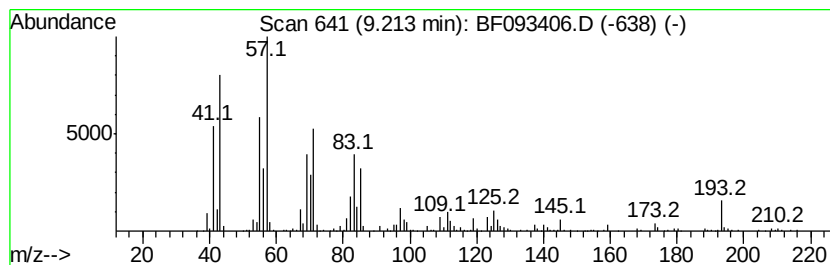
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Decene, 2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.21	12.58 ng	1303720	Acenaphthene-d10	9.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	52
3	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	47
4	3-Tetradecene, (E)-	196	C14H28	041446-68-8	42
5	Tetradecane	198	C14H30	000629-59-4	41



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093406.D
Acq On : 6 Mar 2017 17:45
Operator : SJ/MA
Sample : I2061-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IMPACT-3

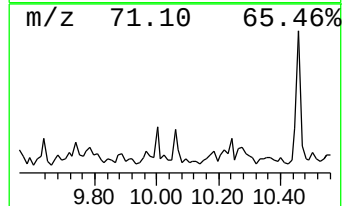
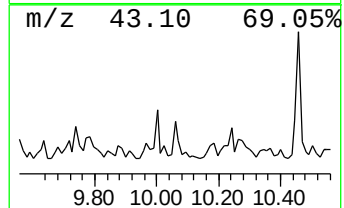
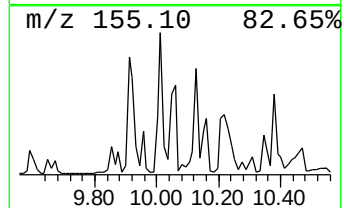
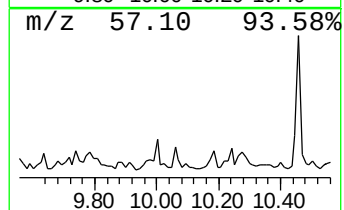
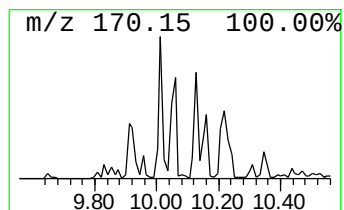
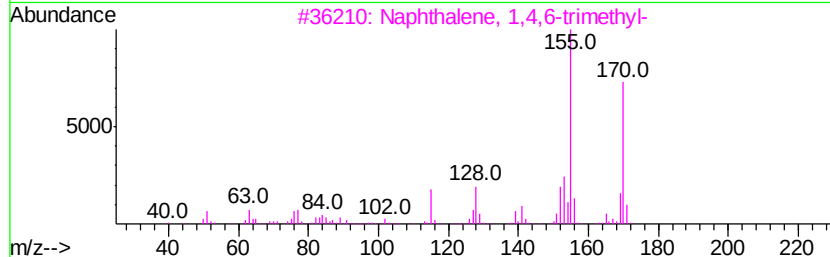
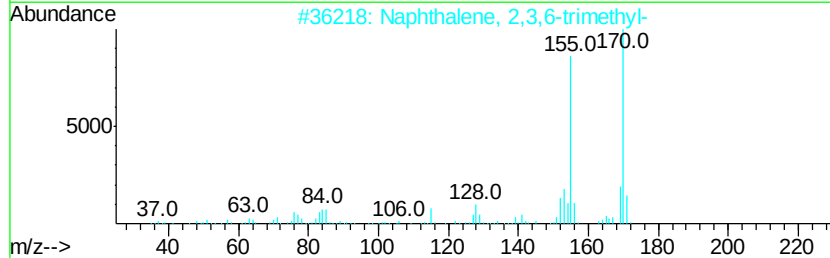
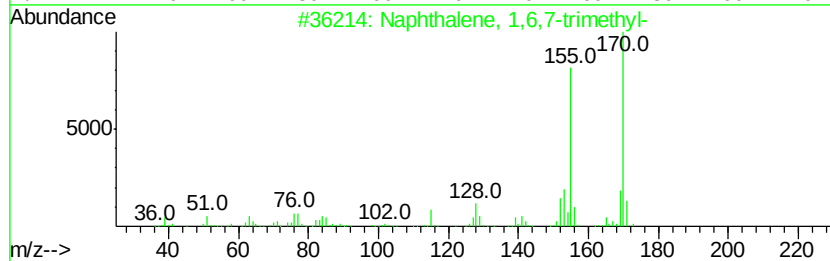
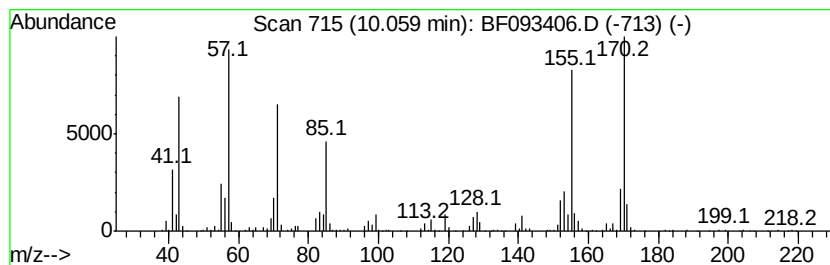
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	11.84 ng	1226900	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	86
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030617\
Data File : BF093406.D
Acq On : 6 Mar 2017 17:45
Operator : SJ/MA
Sample : I2061-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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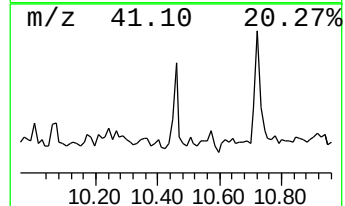
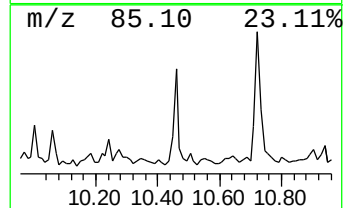
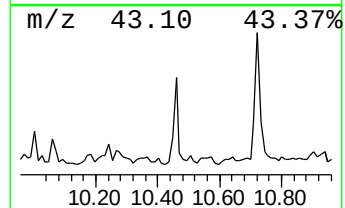
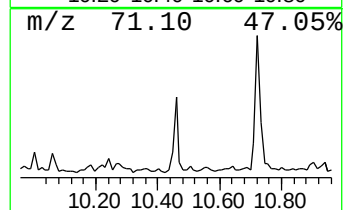
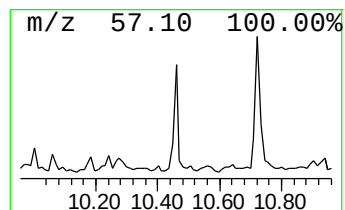
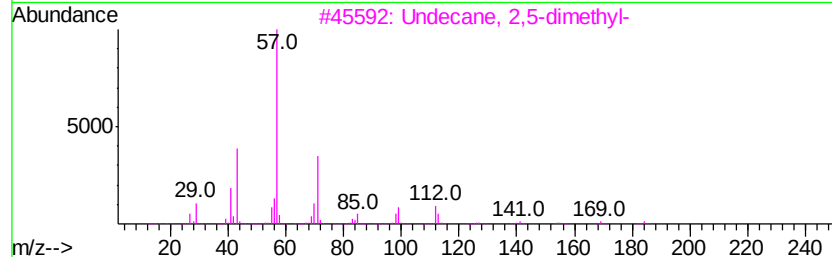
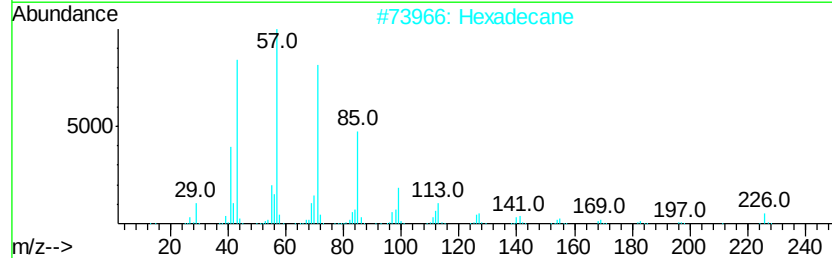
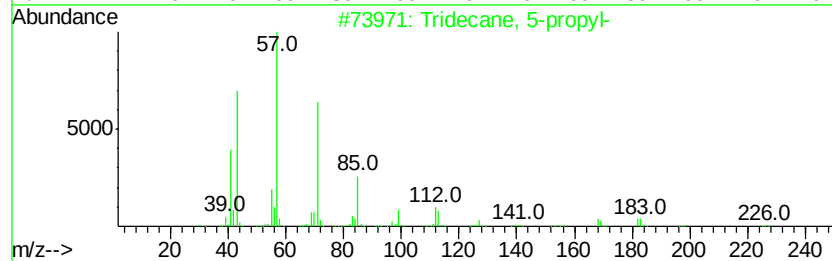
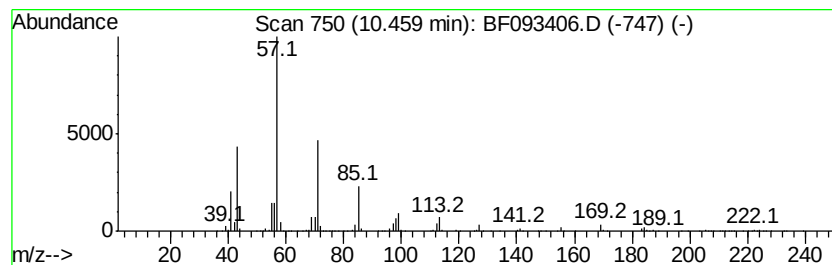
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	19.21 ng	1990350	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	74
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093406.D
Acq On : 6 Mar 2017 17:45
Operator : SJ/MA
Sample : I2061-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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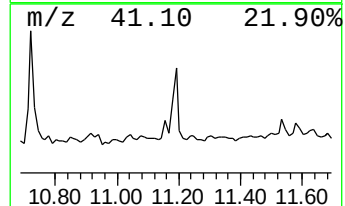
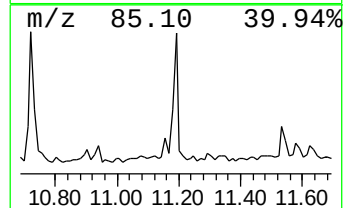
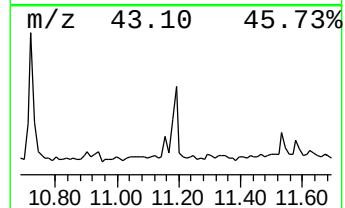
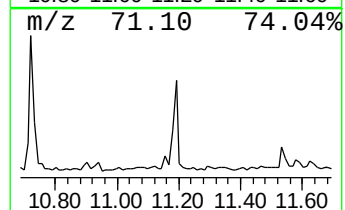
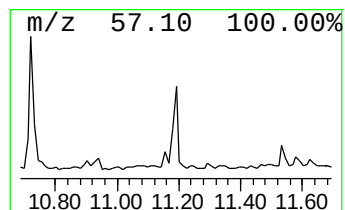
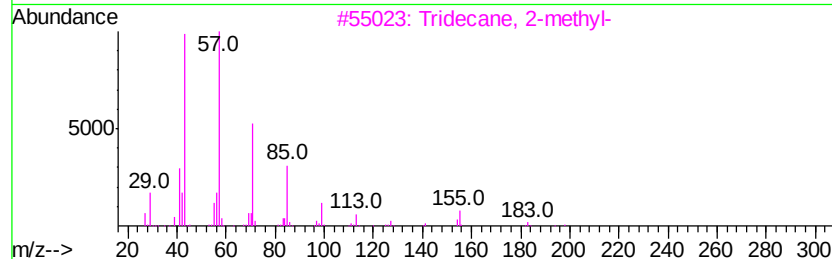
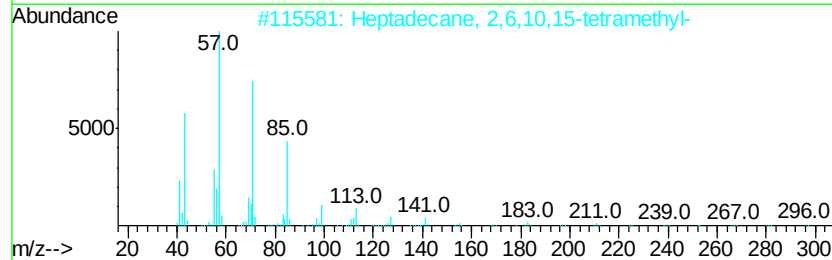
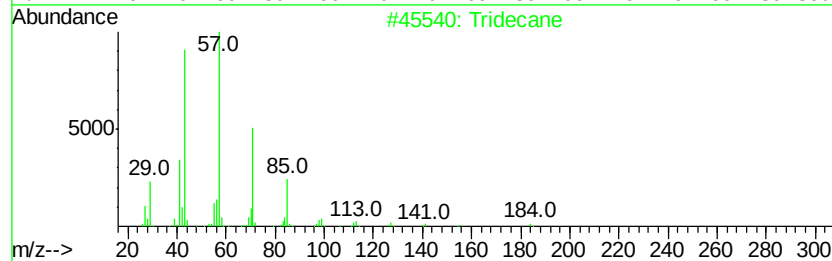
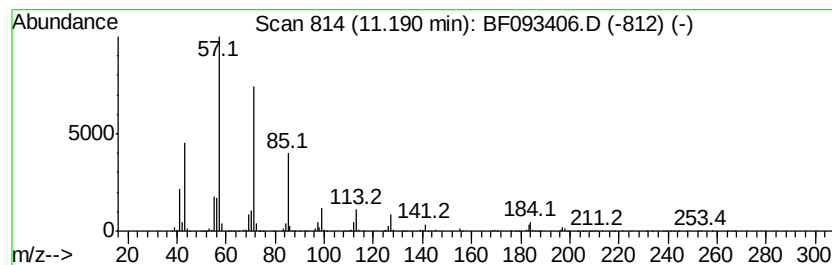
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	25.33 ng	1819650	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
4		Tritetracontane	605	C43H88	007098-21-7	78
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093406.D
Acq On : 6 Mar 2017 17:45
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Sample : I2061-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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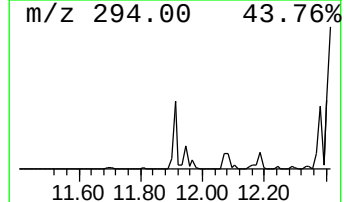
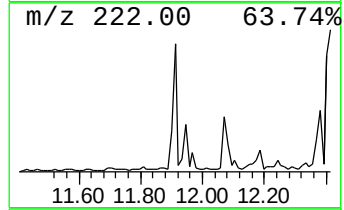
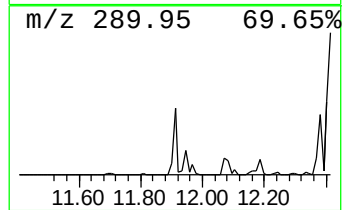
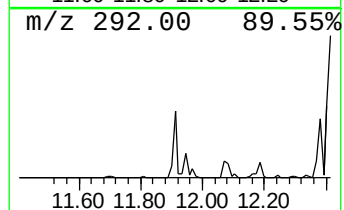
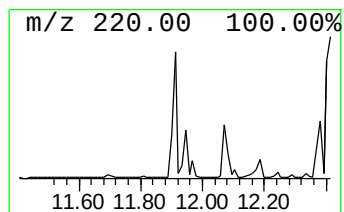
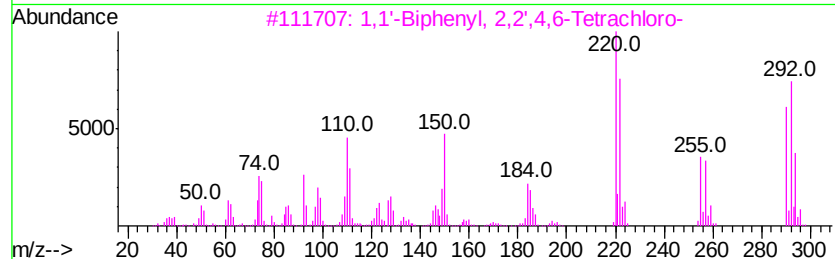
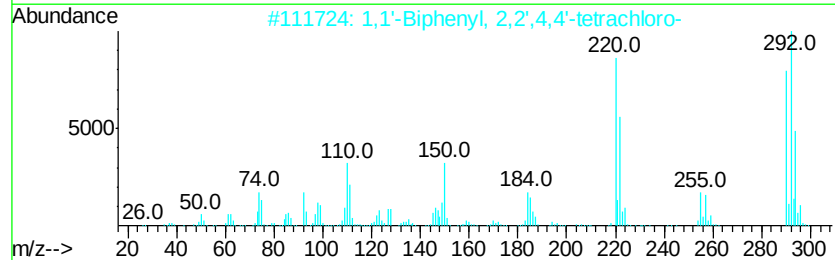
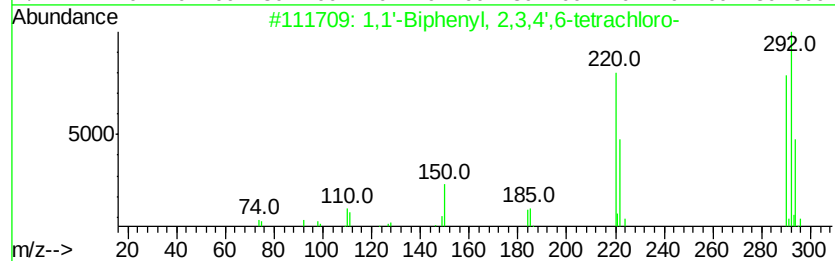
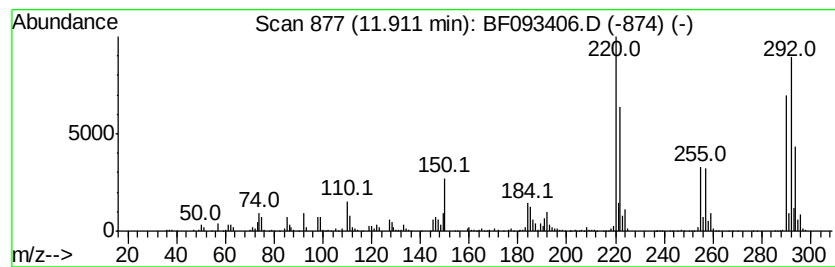
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	13.06 ng	938560	Phenanthrene-d10	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3			1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4			1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5			1,1'-Biphenyl, 2,2',3,5-Tetrachl...	290	C12H6Cl4	070362-46-8	95



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Acq On : 6 Mar 2017 17:45
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Sample : I2061-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

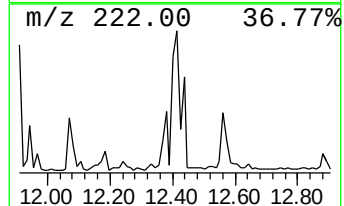
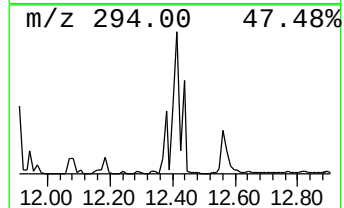
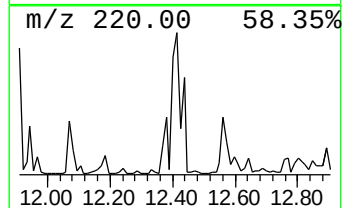
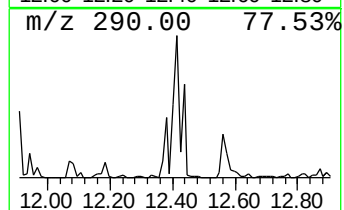
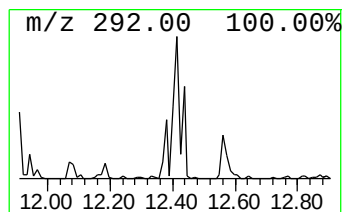
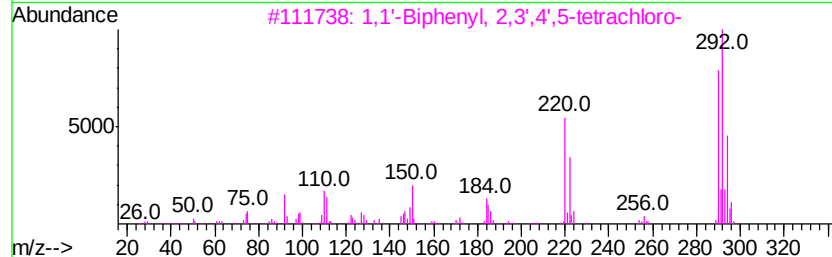
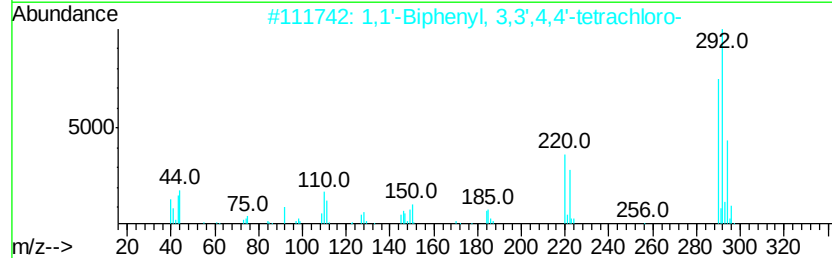
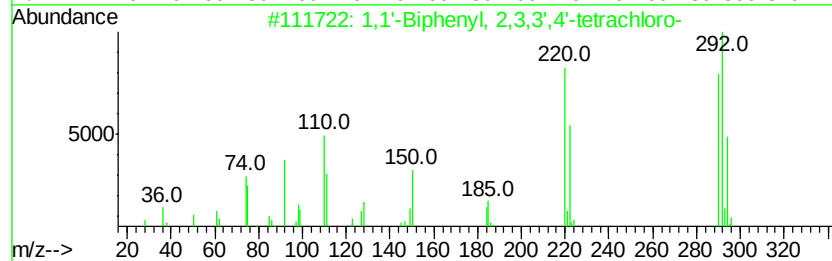
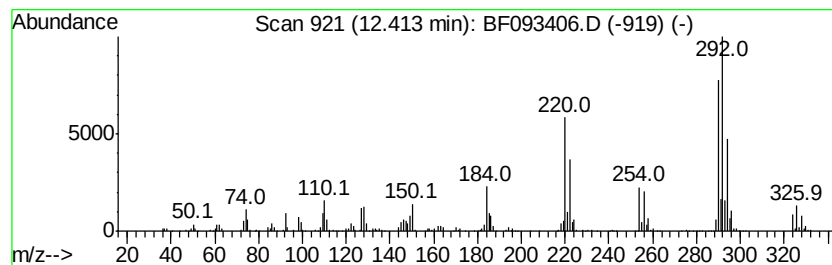
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.41	38.97 ng	2799810	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	95
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95
3	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	94
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	94
5	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	94



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Sample : I2061-03
Misc :
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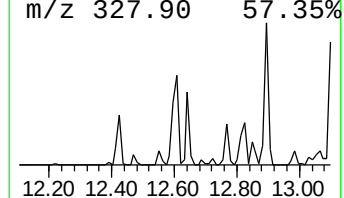
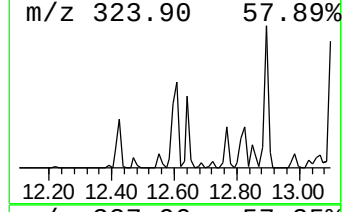
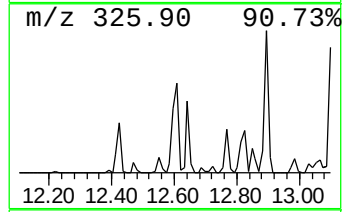
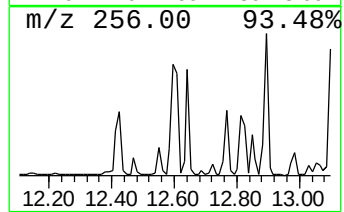
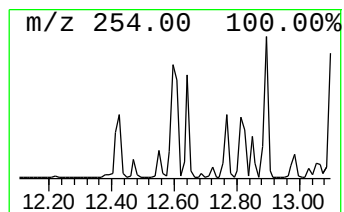
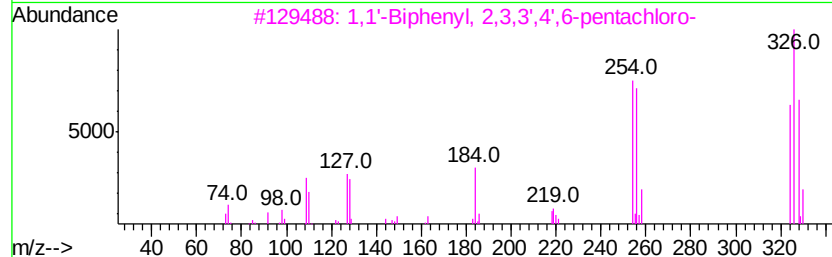
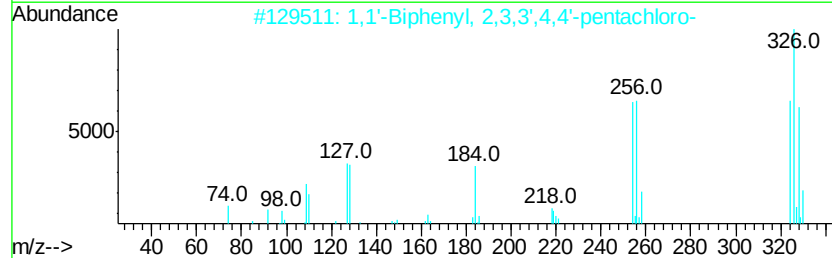
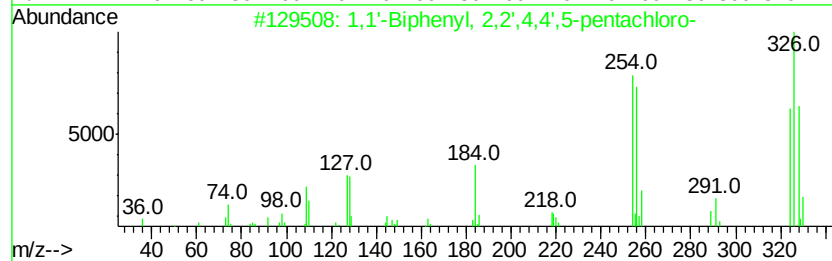
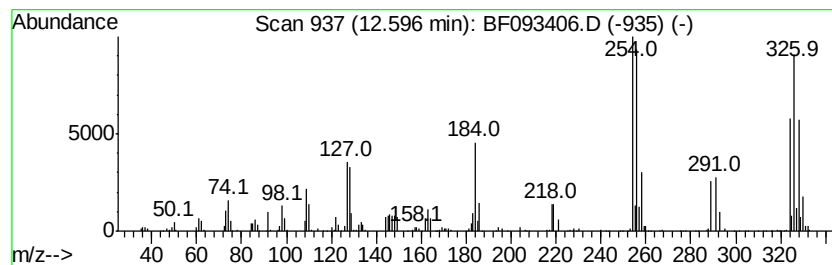
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.60	20.59 ng	1479500	Phenanthrene-d10	11.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl,	2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl,	2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl,	2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
5	1,1'-Biphenyl,	2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Acq On : 6 Mar 2017 17:45
Operator : SJ/MA
Sample : I2061-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

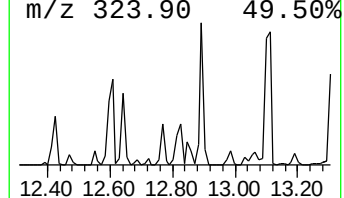
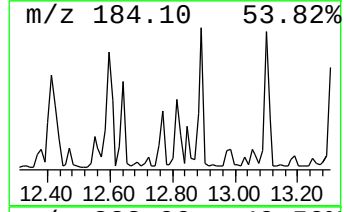
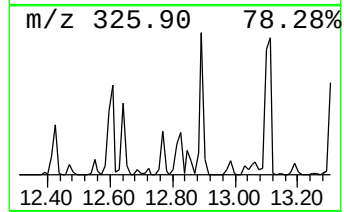
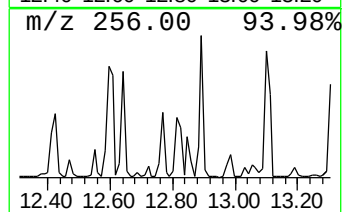
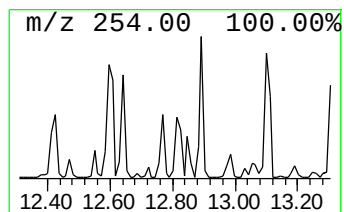
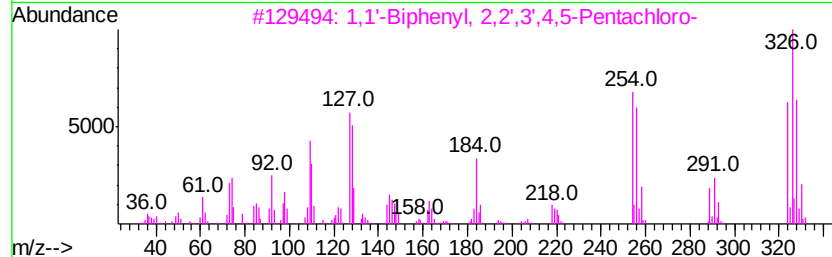
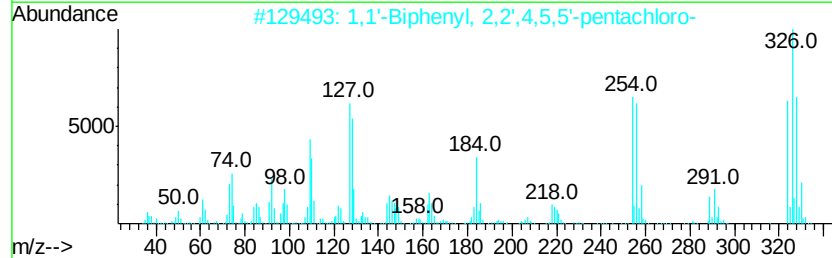
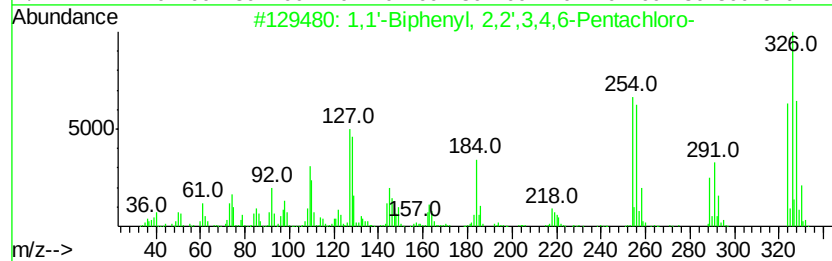
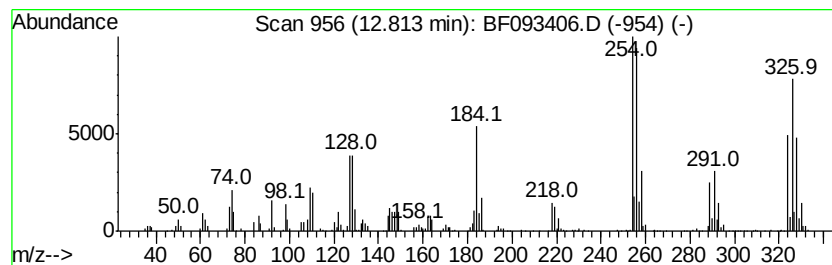
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.81	18.32 ng	928492	Chrysene-d12	13.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99	
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99	
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99	
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99	
5	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	96	



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093406.D
Acq On : 6 Mar 2017 17:45
Operator : SJ/MA
Sample : I2061-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IMPACT-3

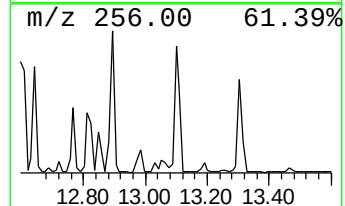
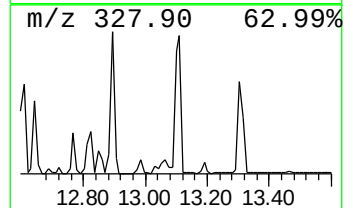
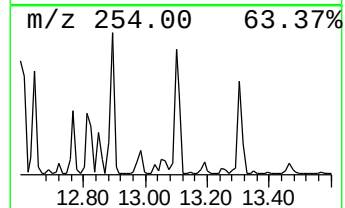
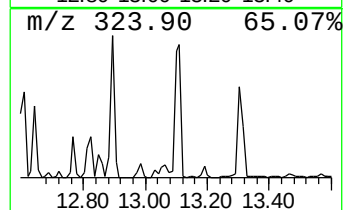
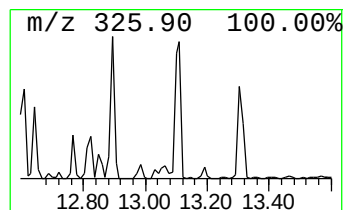
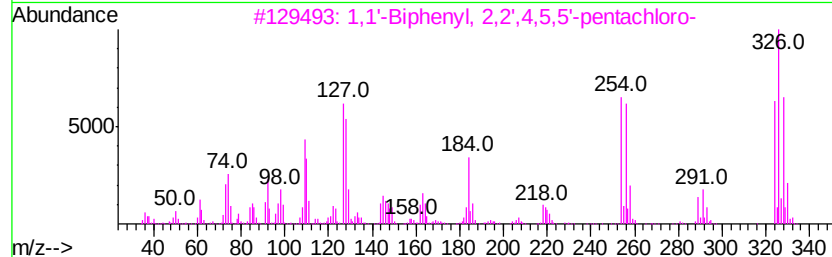
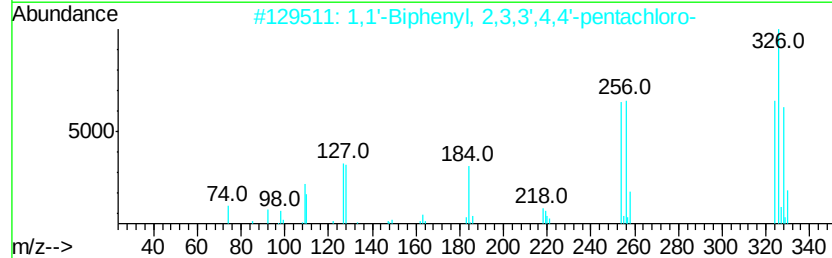
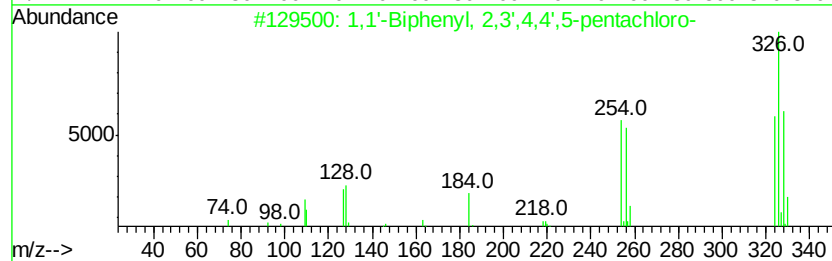
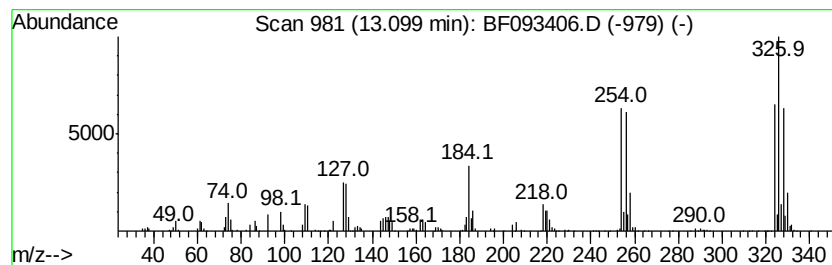
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	33.12 ng	1678010	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
5		1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	96



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Acq On : 6 Mar 2017 17:45
Operator : SJ/MA
Sample : I2061-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

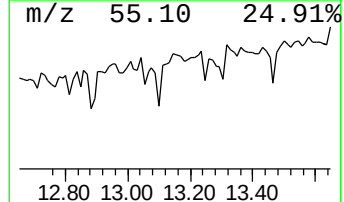
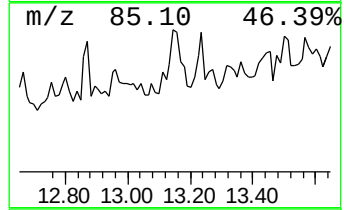
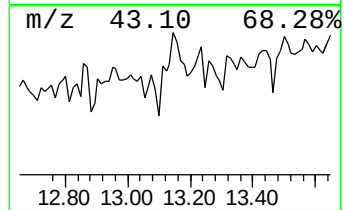
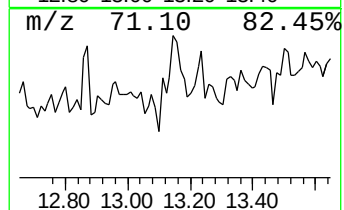
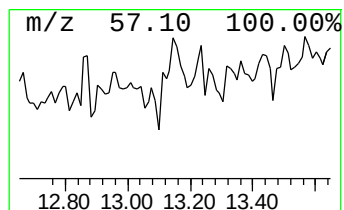
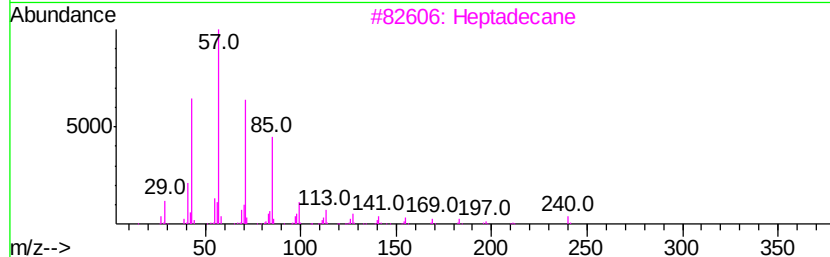
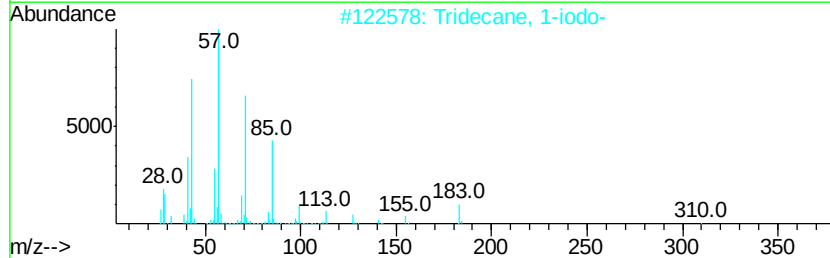
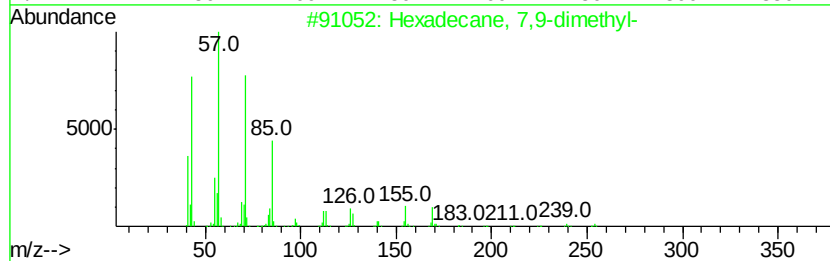
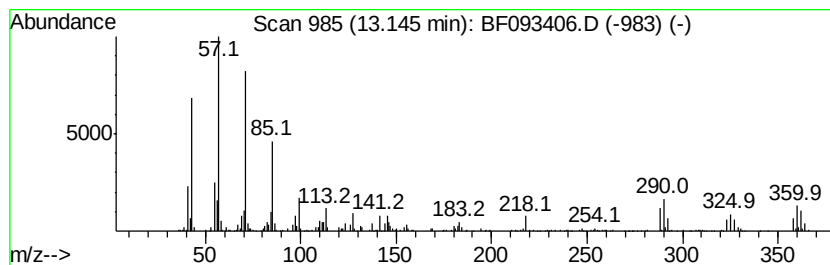
Instrument :
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ClientSampleId :
IMPACT-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 7,9-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.15	14.83 ng	751251	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
3	Heptadecane	240	C17H36	000629-78-7	52
4	Hexadecane	226	C16H34	000544-76-3	52
5	Octadecane	254	C18H38	000593-45-3	52



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093406.D
Acq On : 6 Mar 2017 17:45
Operator : SJ/MA
Sample : I2061-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IMPACT-3

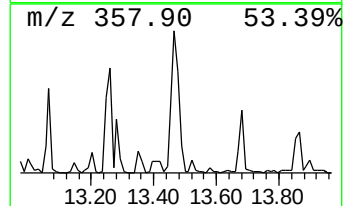
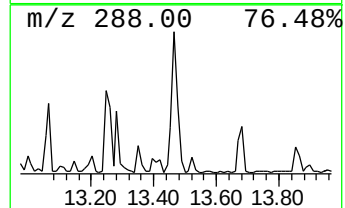
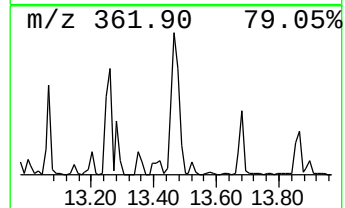
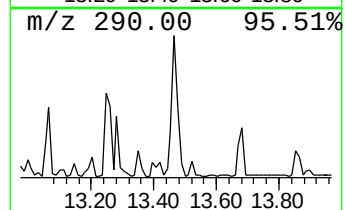
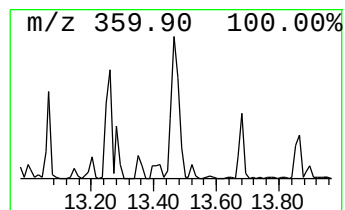
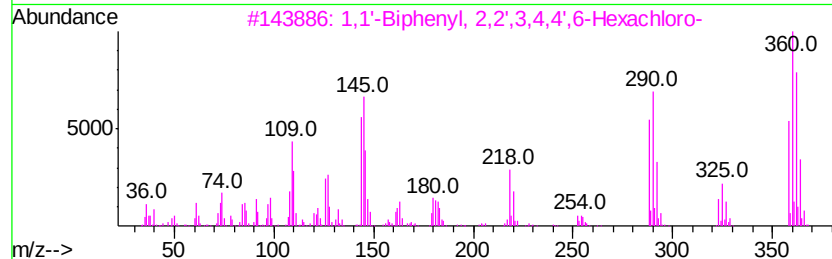
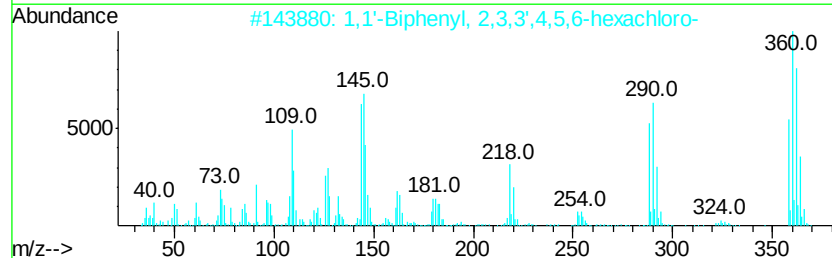
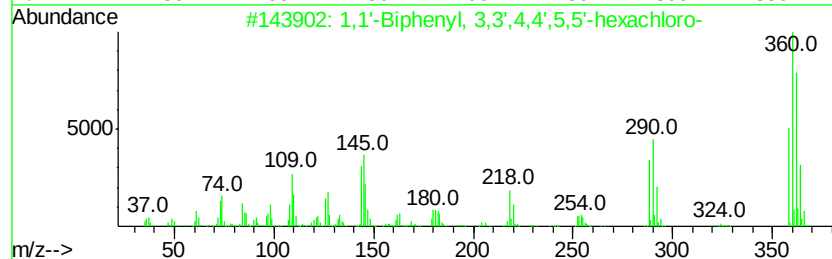
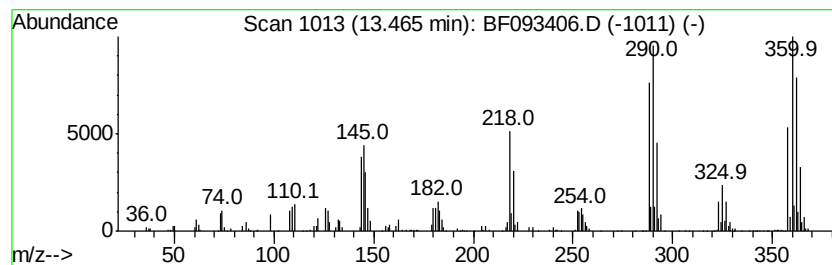
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	20.00 ng	1013400	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5		1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Sample : I2061-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

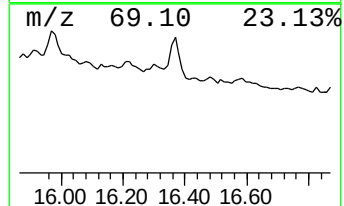
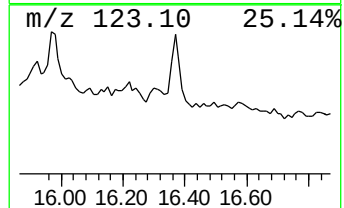
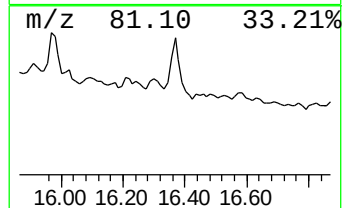
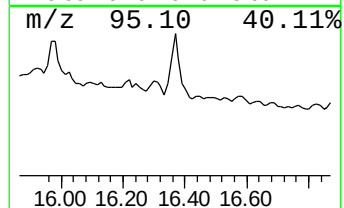
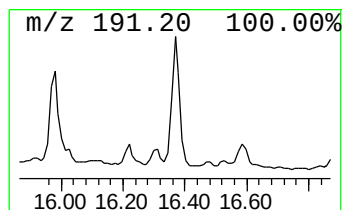
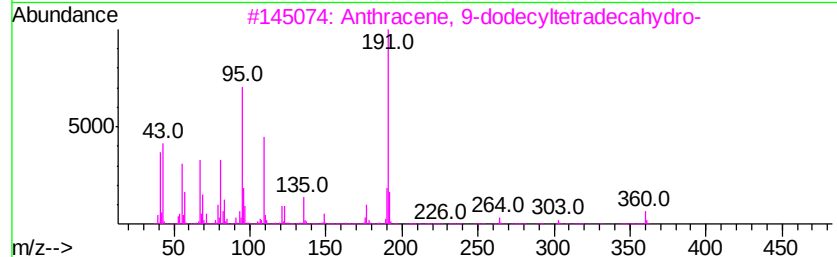
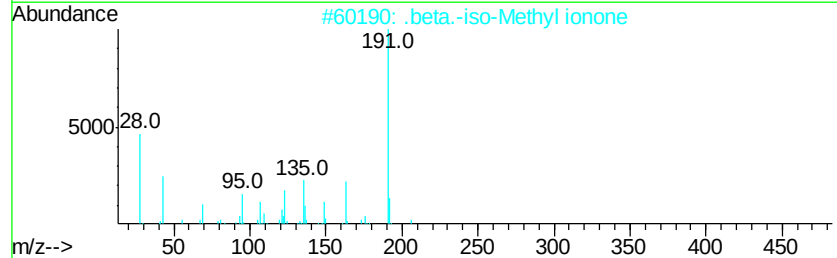
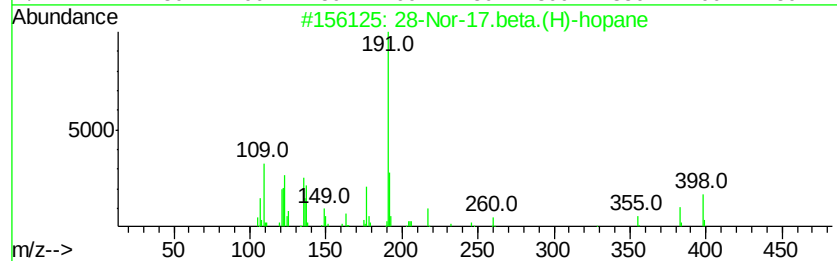
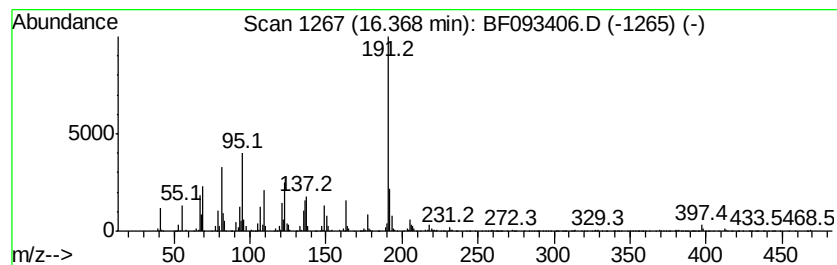
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 28-Nor-17.beta.(H)-hopane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	20.00 ng	1656890	Perylene-d12	15.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	56
2	.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2	52
3	Anthracene, 9-dodecyltetradeca-hy...	360 C26H48	055401-75-7	50
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5	46
5	(7a-Isopropenyl-4,5-dimethylocta...	222 C15H26O	1000187-02-9	45



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030617\
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 Acq On : 6 Mar 2017 17:45
 Operator : SJ/MA
 Sample : I2061-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Decane, 2,6,7-tri...	8.48	20.4	ng	2130290	2	8.06	2093980	20.0
Hexadecane, 2,6,1...	9.08	16.3	ng	1692920	3	9.81	2072410	20.0
1-Decene, 2,4-dim...	9.21	12.6	ng	1303720	3	9.81	2072410	20.0
Naphthalene, 1,6,...	10.06	11.8	ng	1226900	3	9.81	2072410	20.0
Tridecane, 5-propyl-	10.46	19.2	ng	1990350	3	9.81	2072410	20.0
Tridecane	11.19	25.3	ng	1819650	4	11.29	1436920	20.0
1,1'-Biphenyl, 2,...	11.91	13.1	ng	938560	4	11.29	1436920	20.0
1,1'-Biphenyl, 2,...	12.41	39.0	ng	2799810	4	11.29	1436920	20.0
1,1'-Biphenyl, 2,...	12.60	20.6	ng	1479500	4	11.29	1436920	20.0
1,1'-Biphenyl, 2,...	12.81	18.3	ng	928492	5	13.95	1013400	20.0
1,1'-Biphenyl, 2,...	13.10	33.1	ng	1678010	5	13.95	1013400	20.0
Hexadecane, 7,9-d...	13.15	14.8	ng	751251	5	13.95	1013400	20.0
1,1'-Biphenyl, 3,...	13.47	20.0	ng	1013400	5	13.95	1013400	20.0
28-Nor-17.beta.(H...	16.37	20.0	ng	1656890	6	15.36	1656890	20.0