

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
 Data File : BF102177.D
 Acq On : 18 Jan 2018 4:36
 Operator : SJ/JU
 Sample : J1144-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-4

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-BF010918.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	3.322	186	210	216	rBV	141638	374084	9.44%	0.354%
2	3.681	261	271	281	rBV4	175765	436377	11.01%	0.412%
3	3.834	288	297	304	rVB	228320	420962	10.62%	0.398%
4	4.322	375	380	388	rVB	271711	390394	9.85%	0.369%
5	4.840	464	468	477	rVB2	247893	365788	9.23%	0.346%
6	4.934	477	484	490	rBV	211392	400183	10.10%	0.378%
7	5.187	524	527	532	rVV2	997436	1266402	31.96%	1.197%
8	5.228	532	534	537	rVV	452476	408164	10.30%	0.386%
9	5.304	541	547	548	rVV2	618212	696695	17.58%	0.658%
10	5.334	548	552	555	rVV	3517999	3775400	95.27%	3.568%
11	5.622	597	601	606	rVB	490159	447799	11.30%	0.423%
12	5.963	656	659	661	rVV2	394109	366756	9.25%	0.347%
13	6.151	687	691	693	rBV3	327057	400978	10.12%	0.379%
14	6.175	693	695	697	rVV	1066545	837061	21.12%	0.791%
15	6.210	697	701	704	rVV3	606304	851260	21.48%	0.805%
16	6.245	704	707	710	rVV2	581718	555161	14.01%	0.525%
17	6.310	714	718	721	rVV2	610429	800040	20.19%	0.756%
18	6.363	721	727	730	rVV	3075563	3946295	99.58%	3.730%
19	6.404	730	734	739	rVB	576782	560347	14.14%	0.530%
20	6.492	744	749	752	rVV	3761828	3962838	100.00%	3.745%
21	6.551	755	759	767	rVV2	664967	883483	22.29%	0.835%
22	6.722	783	788	794	rVV3	1110124	1533960	38.71%	1.450%
23	6.775	794	797	800	rVV	492203	456067	11.51%	0.431%
24	6.875	810	814	816	rVV	3097202	3170184	80.00%	2.996%
25	6.898	816	818	821	rVB	1278693	969079	24.45%	0.916%
26	6.969	827	830	832	rBV	876881	651024	16.43%	0.615%
27	6.998	832	835	837	rVB	619080	572598	14.45%	0.541%
28	7.039	837	842	844	rBV2	1722628	1647577	41.58%	1.557%
29	7.063	844	846	849	rVB	667456	567198	14.31%	0.536%
30	7.110	850	854	858	rBV2	796737	800256	20.19%	0.756%
31	7.186	864	867	870	rBV2	545604	541505	13.66%	0.512%
32	7.257	873	879	881	rBV	2090121	2310426	58.30%	2.184%
33	7.292	881	885	888	rVB	2570882	2631374	66.40%	2.487%
34	7.369	893	898	901	rVB4	569476	714009	18.02%	0.675%

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35	7.404	901	904	906	rBV2	373421	390932	9.86%	0.369%
36	7.492	913	919	921	rBV	1213955	1336636	33.73%	1.263%
37	7.516	921	923	927	rVB	866262	856305	21.61%	0.809%
38	7.610	935	939	940	rBV	552459	573108	14.46%	0.542%
39	7.657	944	947	948	rVV3	446214	409986	10.35%	0.387%
40	7.675	948	950	955	rVB3	1202383	1483056	37.42%	1.402%
41	7.739	955	961	964	rBV3	2006023	2898528	73.14%	2.739%
42	7.775	965	967	969	rVB	635464	495180	12.50%	0.468%
43	7.845	977	979	981	rVB	613551	463127	11.69%	0.438%
44	7.875	981	984	987	rVB	701021	587473	14.82%	0.555%
45	7.969	993	1000	1001	rBV5	418536	753266	19.01%	0.712%
46	8.004	1001	1006	1007	rVV3	1406106	2251563	56.82%	2.128%
47	8.028	1007	1010	1012	rVV2	1936399	1874737	47.31%	1.772%
48	8.051	1012	1014	1015	rVV	572398	447832	11.30%	0.423%
49	8.063	1015	1016	1019	rVB	645105	488933	12.34%	0.462%
50	8.092	1019	1021	1024	rVB	568677	414117	10.45%	0.391%
51	8.175	1028	1035	1037	rBV4	412525	722214	18.22%	0.683%
52	8.198	1037	1039	1043	rVB3	706697	617259	15.58%	0.583%
53	8.257	1043	1049	1051	rBV4	346595	643111	16.23%	0.608%
54	8.281	1051	1053	1054	rBV	542711	406741	10.26%	0.384%
55	8.298	1054	1056	1059	rVV3	520704	511839	12.92%	0.484%
56	8.351	1063	1065	1068	rVB3	624568	573945	14.48%	0.542%
57	8.386	1068	1071	1074	rBV3	1172460	1074289	27.11%	1.015%
58	8.428	1074	1078	1080	rBV3	950346	912394	23.02%	0.862%
59	8.469	1083	1085	1087	rVB	590334	437880	11.05%	0.414%
60	8.510	1087	1092	1097	rBV4	1355437	1635924	41.28%	1.546%
61	8.592	1103	1106	1110	rBV3	676378	873324	22.04%	0.825%
62	8.663	1115	1118	1120	rVB2	579983	479523	12.10%	0.453%
63	8.716	1125	1127	1130	rVB	2395261	1983099	50.04%	1.874%
64	8.816	1139	1144	1148	rBV2	1546667	2054137	51.83%	1.941%
65	8.963	1164	1169	1172	rVB3	706052	973941	24.58%	0.920%
66	9.028	1177	1180	1184	rVB4	1106526	1095177	27.64%	1.035%
67	9.081	1184	1189	1192	rBV	3786755	3400669	85.81%	3.214%
68	9.163	1199	1203	1207	rBV4	436960	784949	19.81%	0.742%
69	9.228	1211	1214	1217	rVV	581948	582541	14.70%	0.551%
70	9.275	1220	1222	1227	rVB2	596864	522429	13.18%	0.494%
71	9.345	1227	1234	1239	rBV3	873006	1400676	35.35%	1.324%

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72	9.416	1239	1246	1248	rBV2	1547624	1825565	46.07%	1.725%
73	9.439	1248	1250	1252	rVV2	1073848	877227	22.14%	0.829%
74	9.480	1252	1257	1259	rVV4	1625293	1960939	49.48%	1.853%
75	9.504	1259	1261	1264	rVV2	776597	629520	15.89%	0.595%
76	9.539	1264	1267	1270	rVB2	845768	915830	23.11%	0.866%
77	9.616	1278	1280	1285	rVB3	368801	417890	10.55%	0.395%
78	9.739	1296	1301	1302	rBV4	590791	822481	20.75%	0.777%
79	9.757	1302	1304	1306	rVB	1345525	1031481	26.03%	0.975%
80	9.863	1319	1322	1325	rVB2	569343	659929	16.65%	0.624%
81	9.922	1329	1332	1334	rVV3	462590	681678	17.20%	0.644%
82	9.951	1334	1337	1340	rVV3	842857	1193752	30.12%	1.128%
83	10.010	1343	1347	1352	rVV5	869978	1534350	38.72%	1.450%
84	10.075	1355	1358	1361	rVV2	451376	678264	17.12%	0.641%
85	10.163	1370	1373	1374	rVV	353228	363972	9.18%	0.344%
86	10.180	1374	1376	1380	rVV2	382488	499879	12.61%	0.472%
87	10.245	1384	1387	1392	rVB5	339718	559534	14.12%	0.529%
88	10.298	1392	1396	1398	rBV5	376012	502942	12.69%	0.475%
89	10.322	1398	1400	1403	rVV3	368422	464215	11.71%	0.439%
90	10.410	1409	1415	1418	rVV	1536624	2015443	50.86%	1.905%
91	10.457	1420	1423	1427	rVV3	446249	616503	15.56%	0.583%
92	10.545	1432	1438	1441	rVV2	1932328	2189893	55.26%	2.070%
93	10.675	1455	1460	1466	rVB	1881415	2051024	51.76%	1.938%
94	10.880	1492	1495	1500	rVB4	412120	571079	14.41%	0.540%
95	11.139	1535	1539	1544	rVB	1244532	1406339	35.49%	1.329%
96	11.239	1552	1556	1558	rBV	1145628	980329	24.74%	0.927%
97	11.286	1561	1564	1568	rVV4	241707	384306	9.70%	0.363%
98	12.821	1820	1825	1828	rBV	2541293	2318554	58.51%	2.191%
99	13.863	1998	2002	2006	rBV	833442	757774	19.12%	0.716%
100	15.280	2237	2243	2247	rBV	659820	774689	19.55%	0.732%

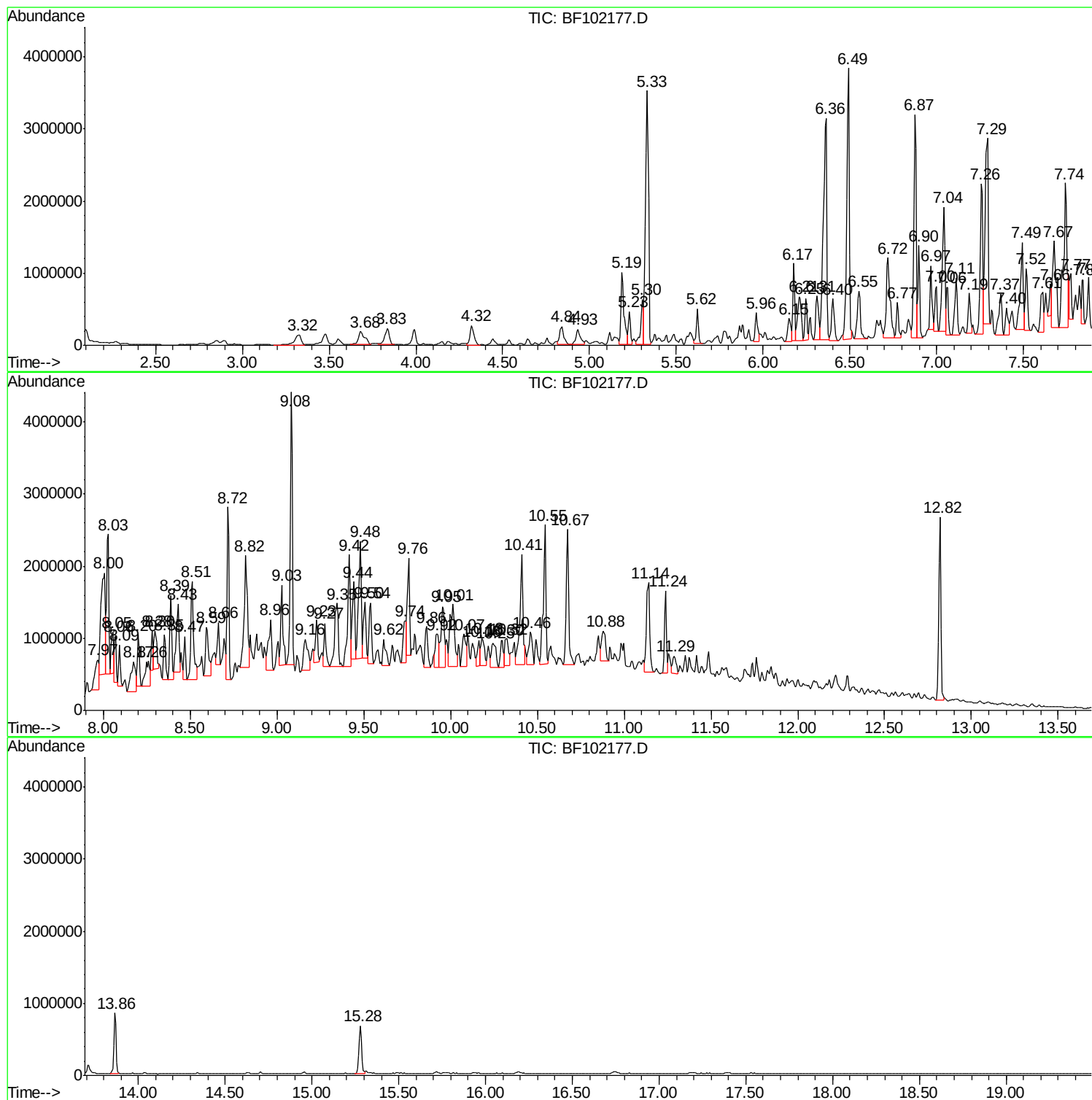
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
IGW-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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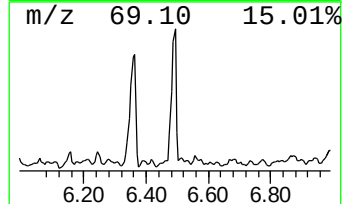
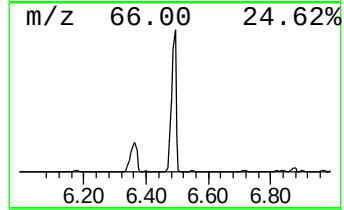
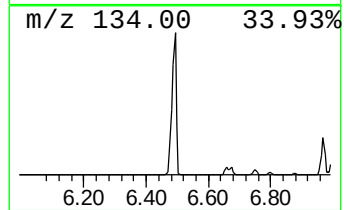
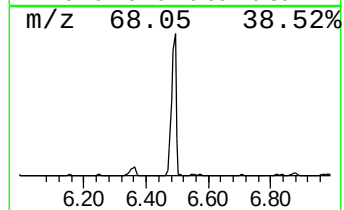
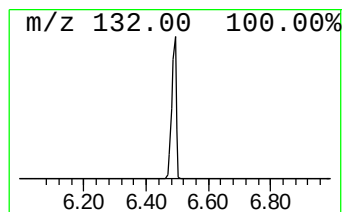
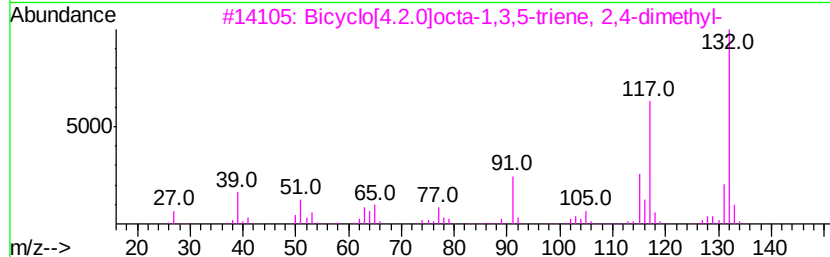
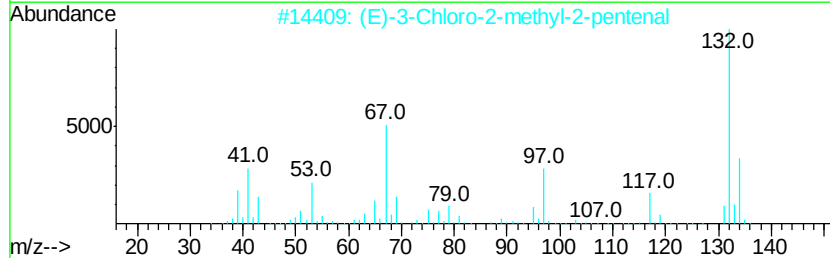
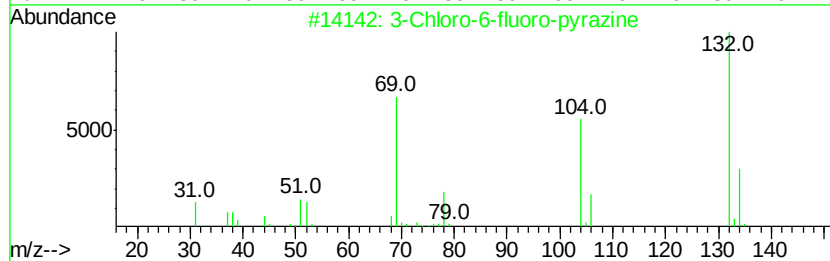
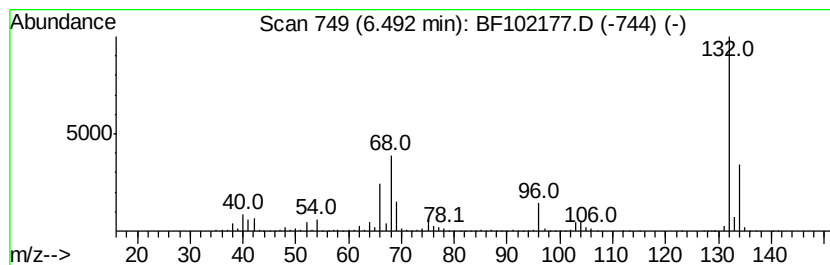
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	51.67 ng	3962840	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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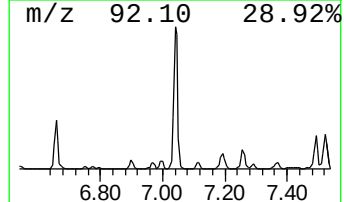
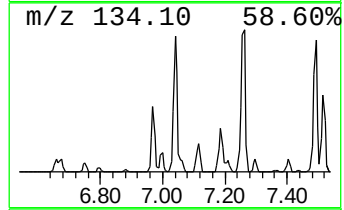
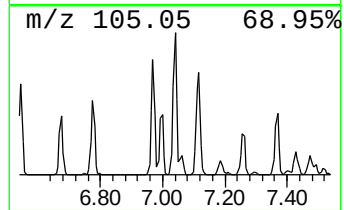
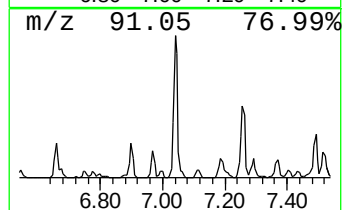
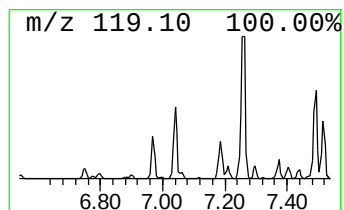
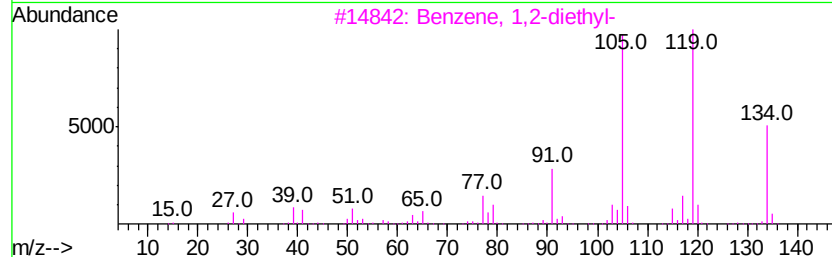
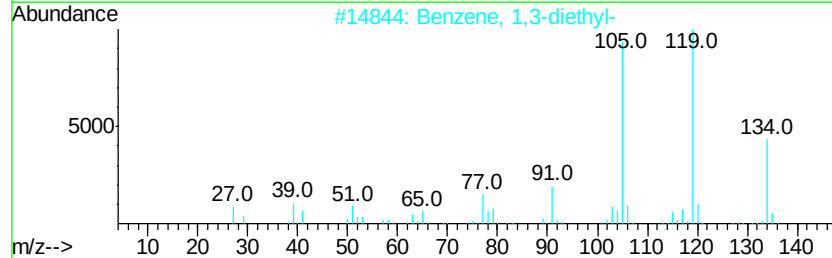
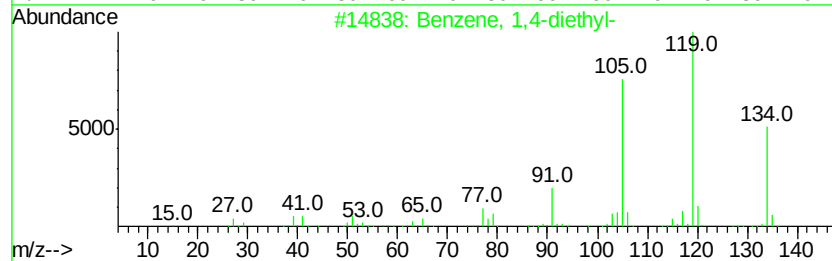
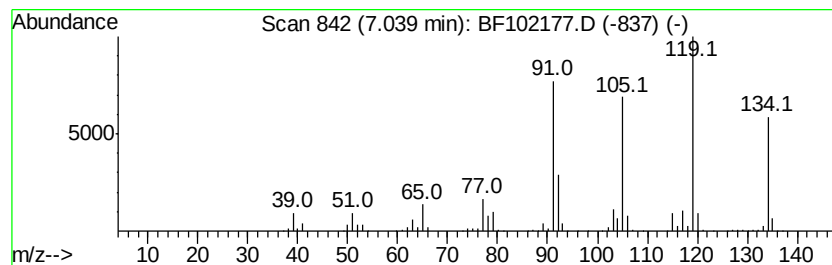
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.04	21.48 ng	1647580	1,4-Dichlorobenzene-d4	6.72		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		p-Cymene	134	C10H14	000099-87-6	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



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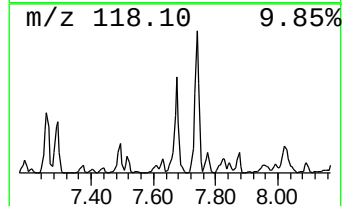
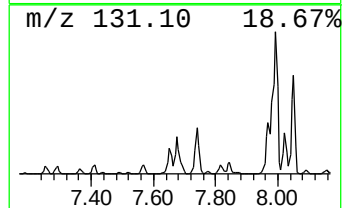
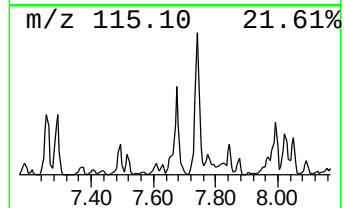
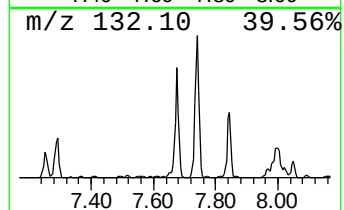
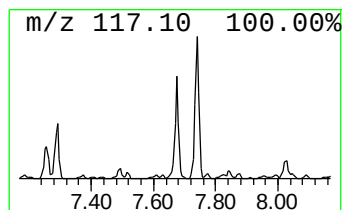
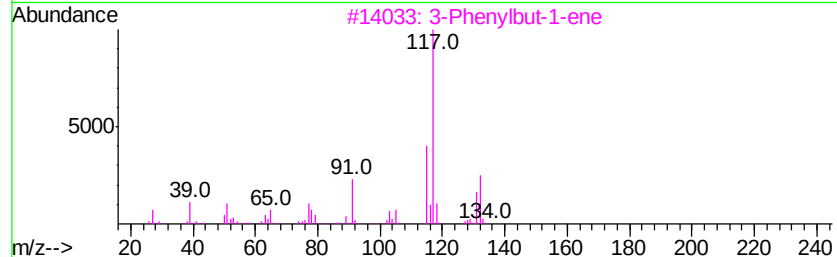
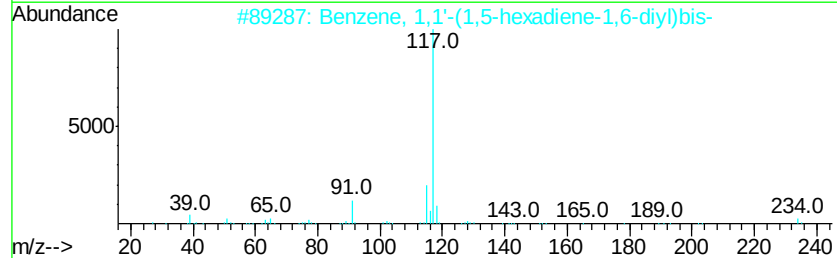
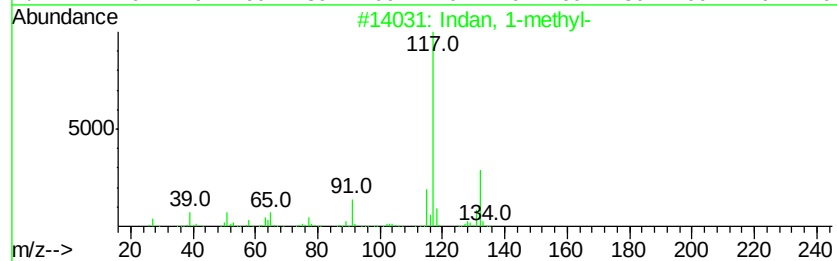
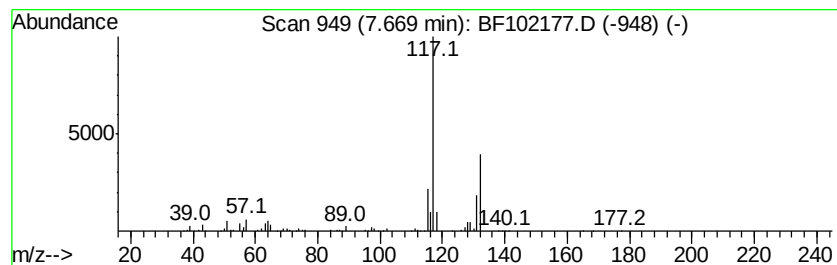
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Peak Number 5 Indan, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	13.17 ng	1483060	Napthalene-d8	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	72	
2	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	47	
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	47	
4	m-Aminophenylacetylene	117	C8H7N	054060-30-9	43	
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	38	



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102177.D
Acq On : 18 Jan 2018 4:36
Operator : SJ/JU
Sample : J1144-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IGW-4

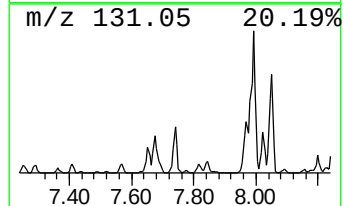
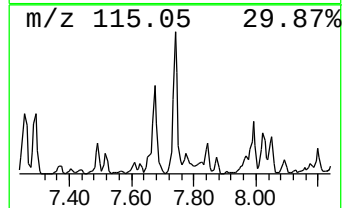
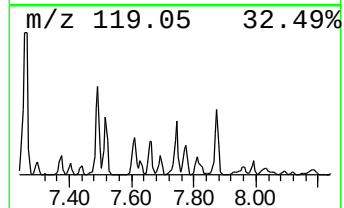
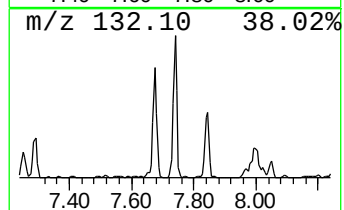
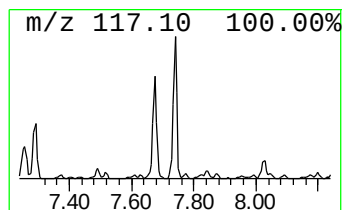
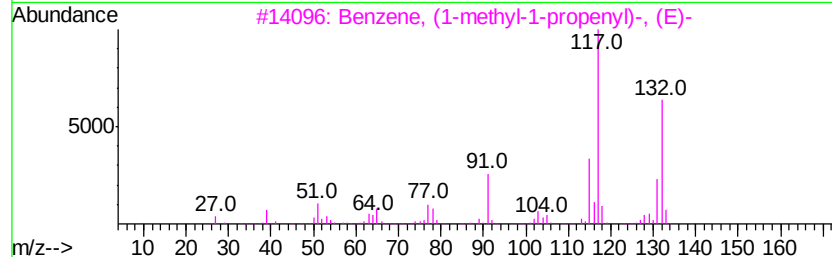
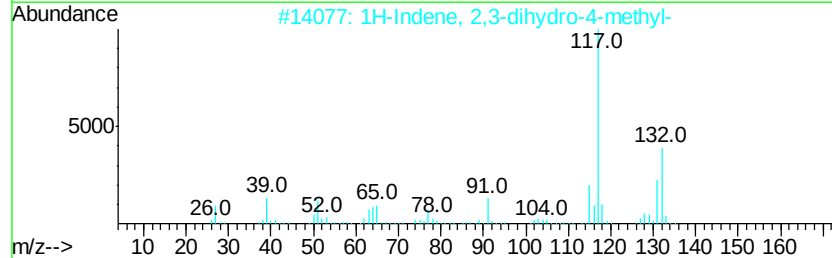
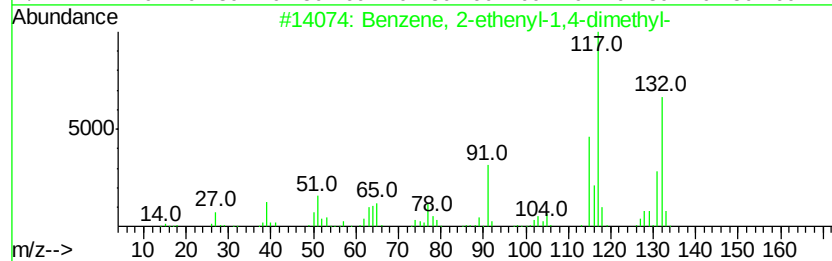
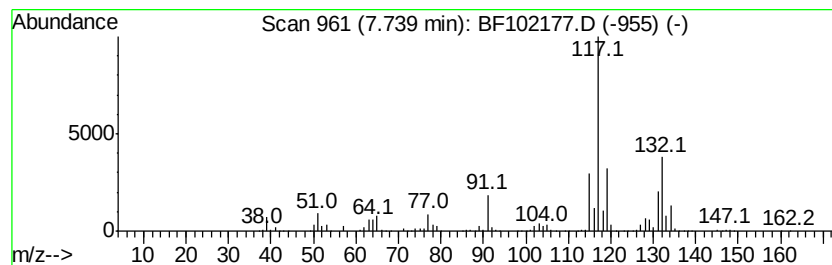
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	25.75 ng	2898530	Naphthalene-d8	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	81
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	81



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102177.D
Acq On : 18 Jan 2018 4:36
Operator : SJ/JU
Sample : J1144-04
Misc :
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ClientSampleId :
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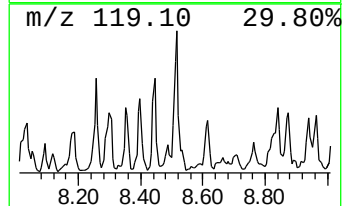
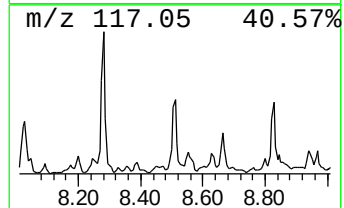
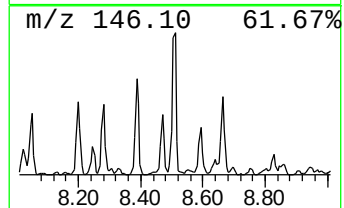
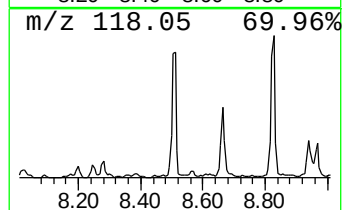
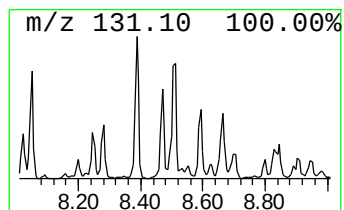
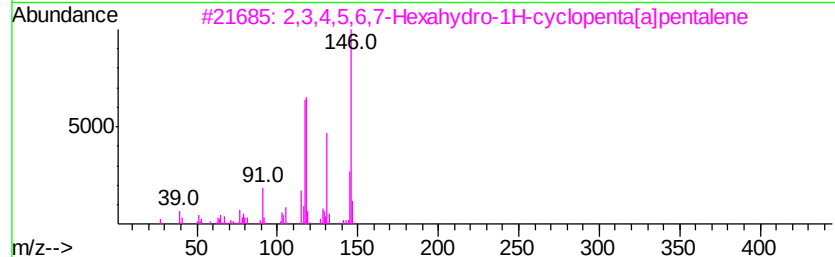
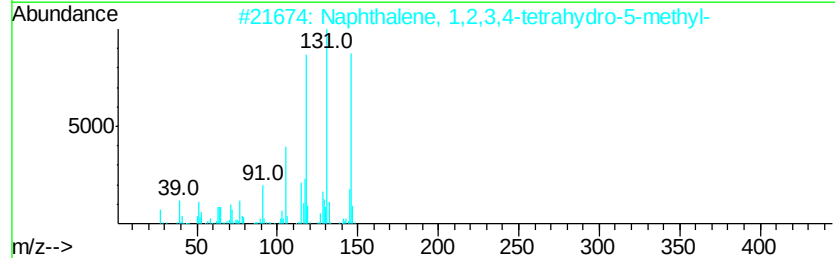
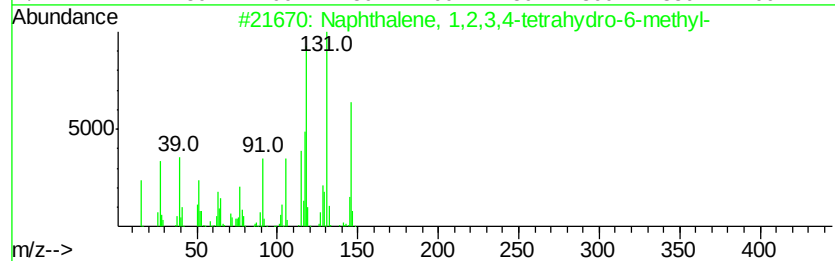
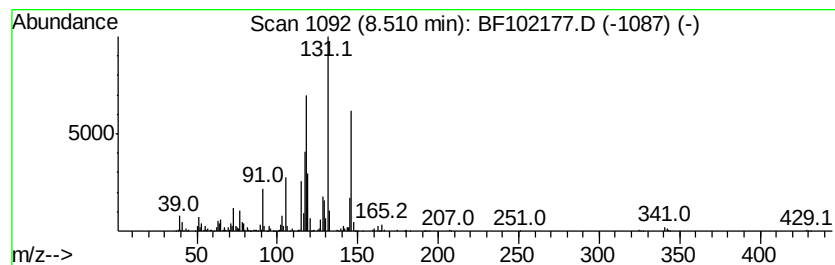
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	14.53 ng	1635920	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	81
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102177.D
Acq On : 18 Jan 2018 4:36
Operator : SJ/JU
Sample : J1144-04
Misc :
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Instrument :
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ClientSampleId :
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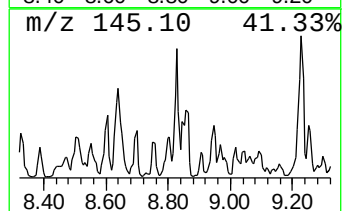
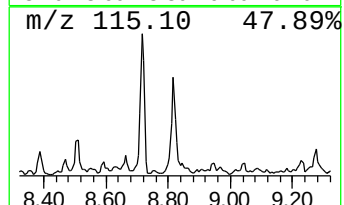
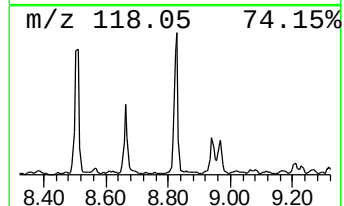
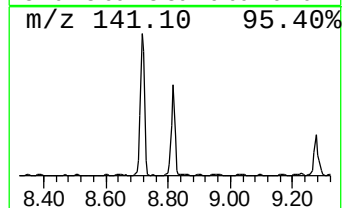
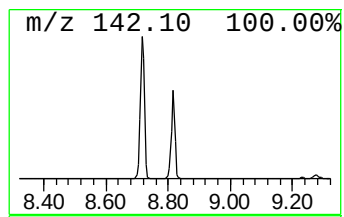
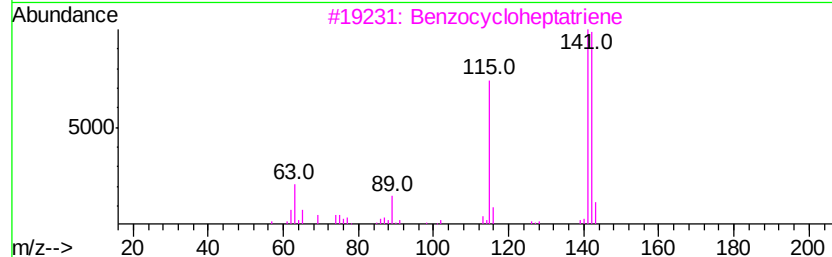
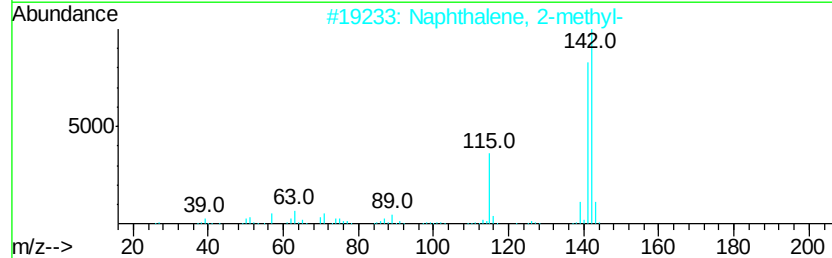
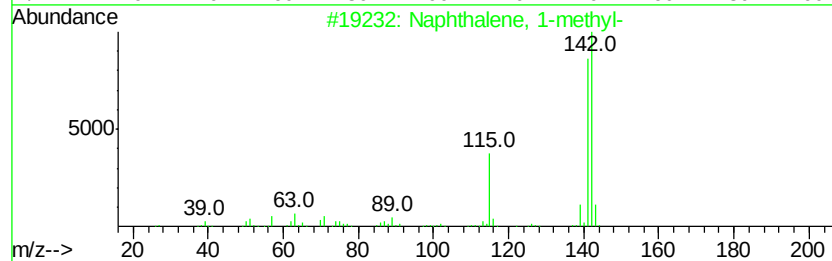
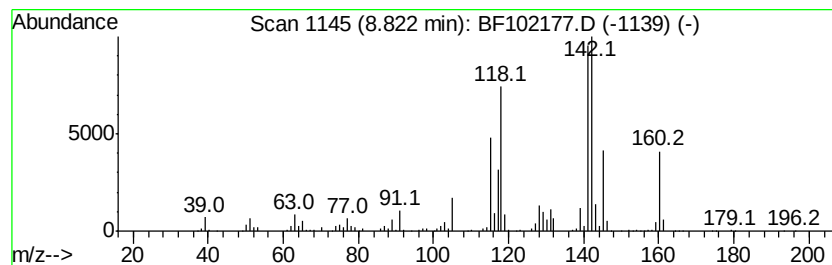
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	18.25 ng	2054140	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	83



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102177.D
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Misc :
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ClientSampleId :
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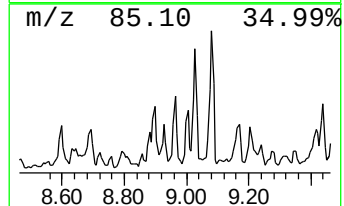
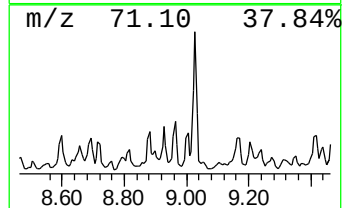
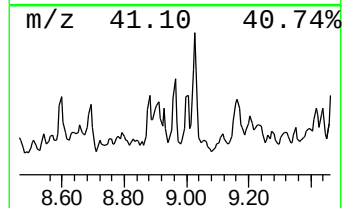
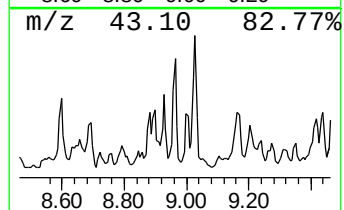
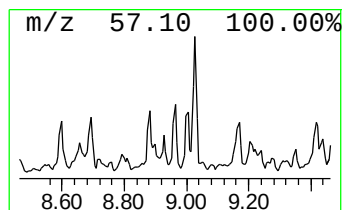
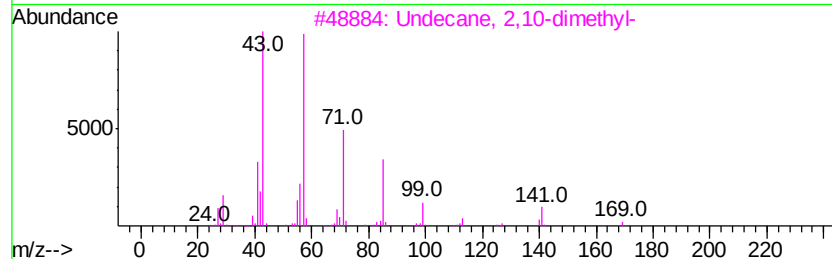
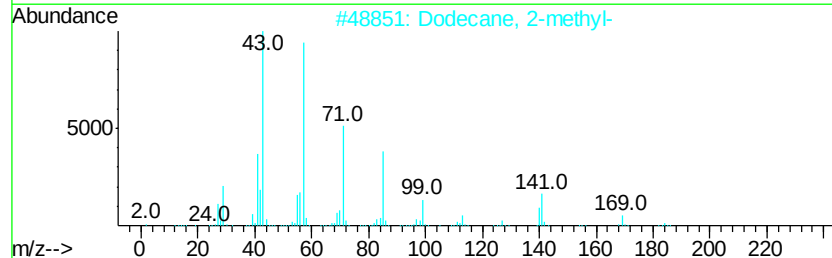
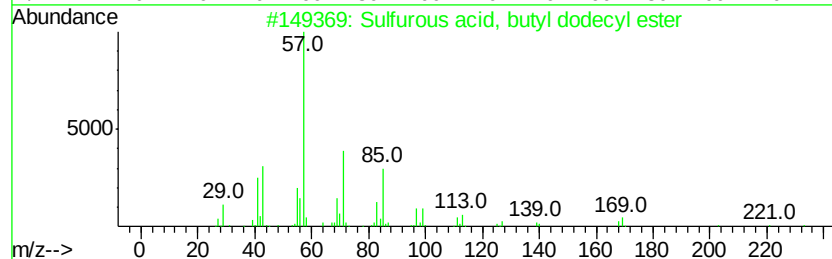
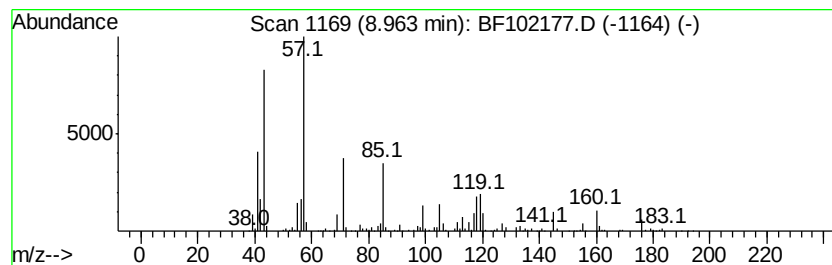
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.96 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	18.88 ng	973941	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	46
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	46
3		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	43
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	43
5		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	35



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102177.D
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Misc :
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ClientSampleId :
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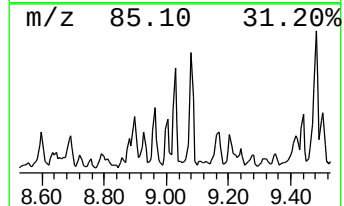
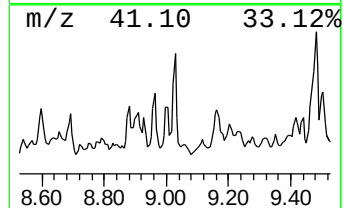
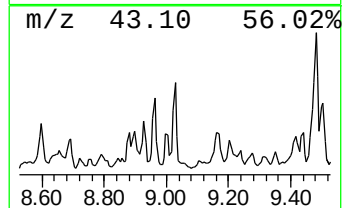
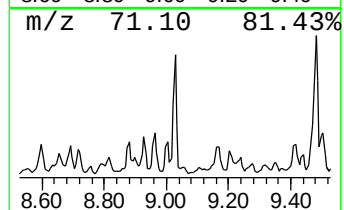
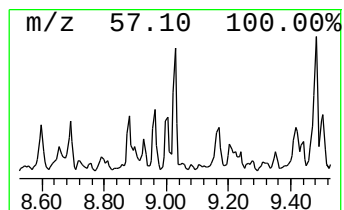
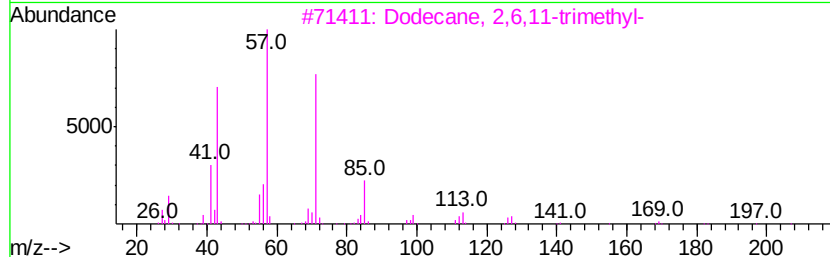
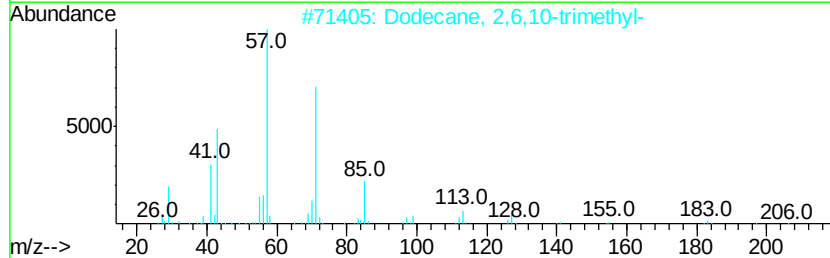
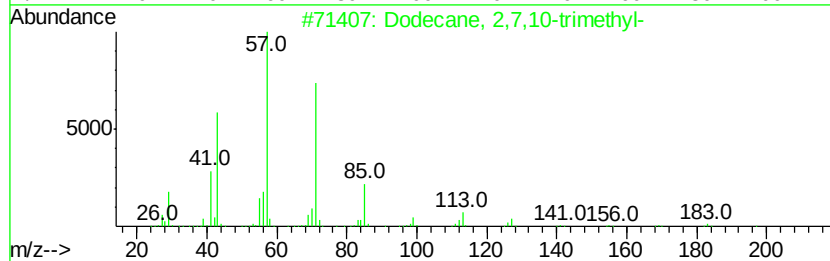
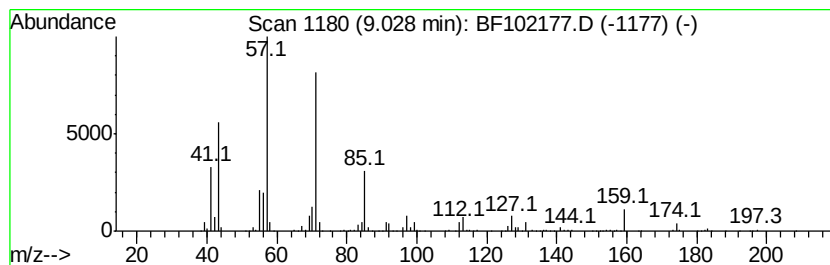
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	21.24 ng	1095180	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102177.D
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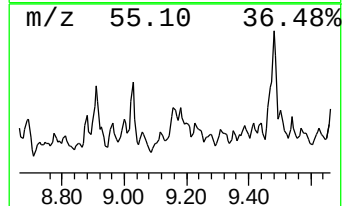
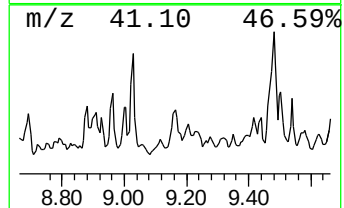
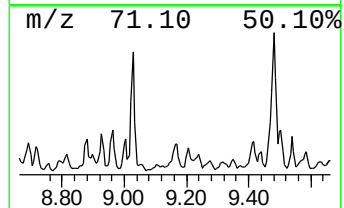
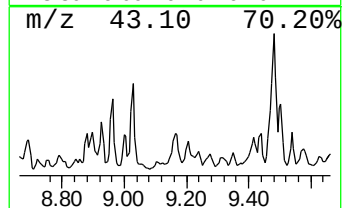
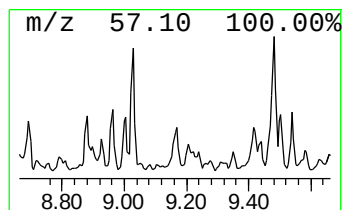
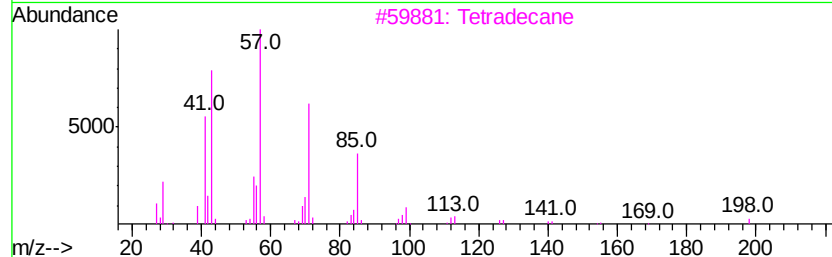
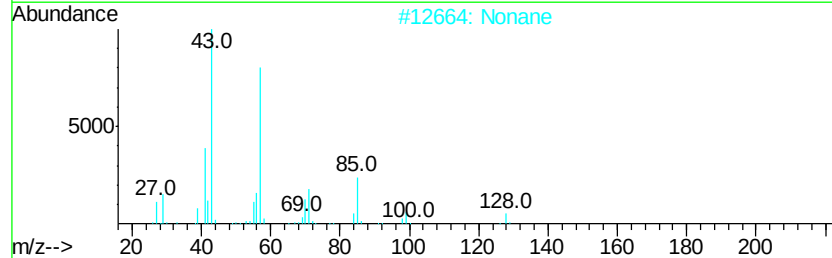
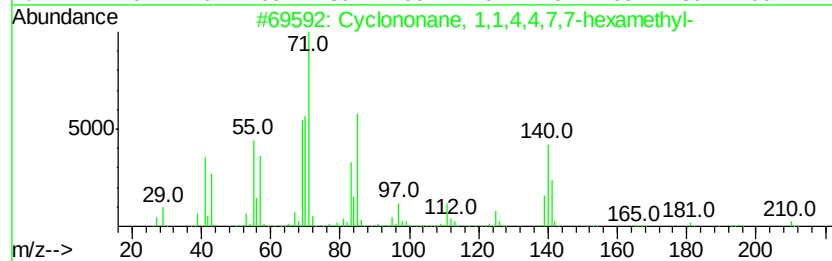
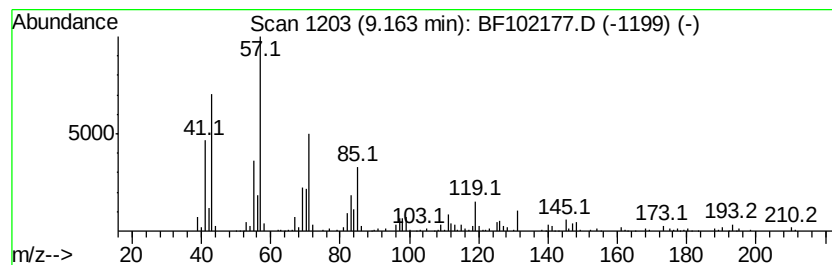
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclononane, 1,1,4,4,7,7-he... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	15.22 ng	784949	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	64
2		Nonane	128	C9H20	000111-84-2	64
3		Tetradecane	198	C14H30	000629-59-4	58
4		Hexadecane	226	C16H34	000544-76-3	58
5		Undecane	156	C11H24	001120-21-4	58



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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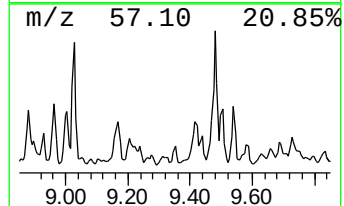
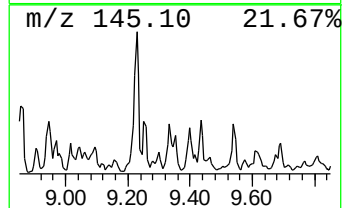
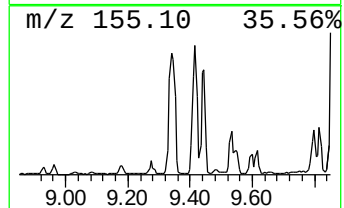
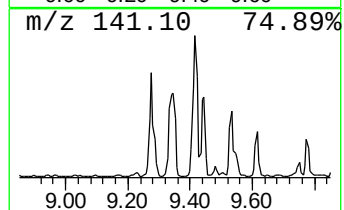
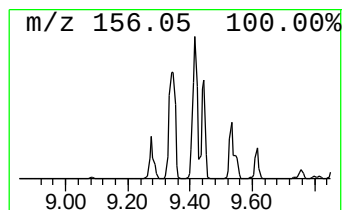
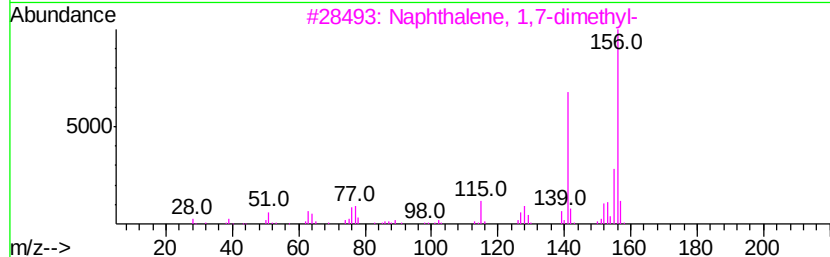
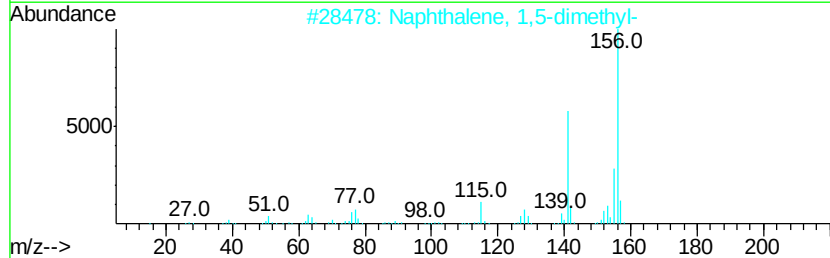
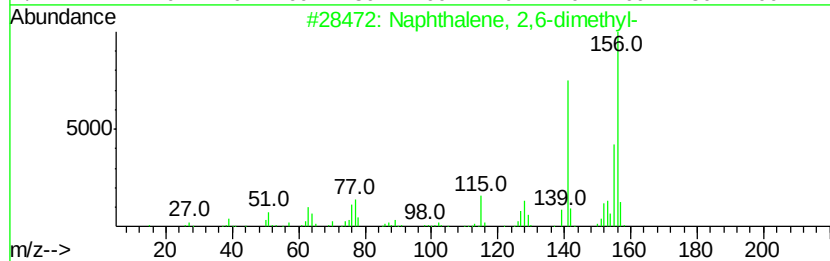
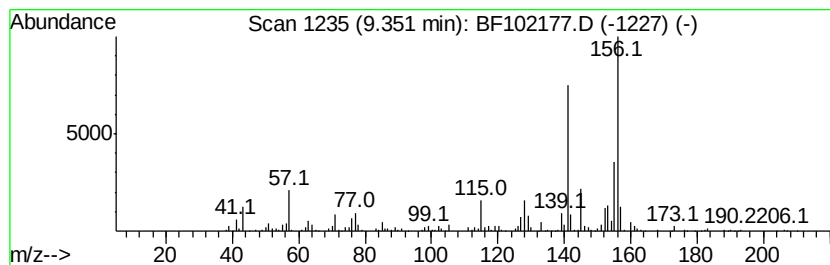
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IGW-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	27.16 ng	1400680	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102177.D
Acq On : 18 Jan 2018 4:36
Operator : SJ/JU
Sample : J1144-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

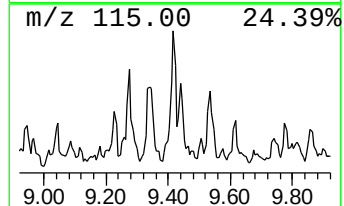
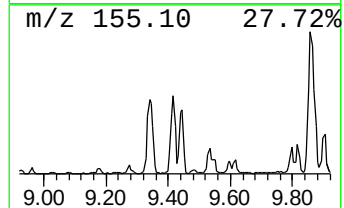
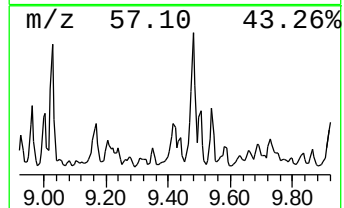
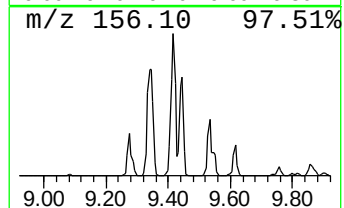
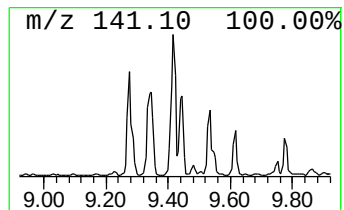
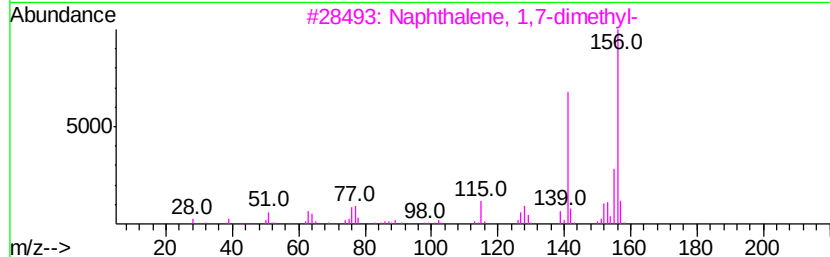
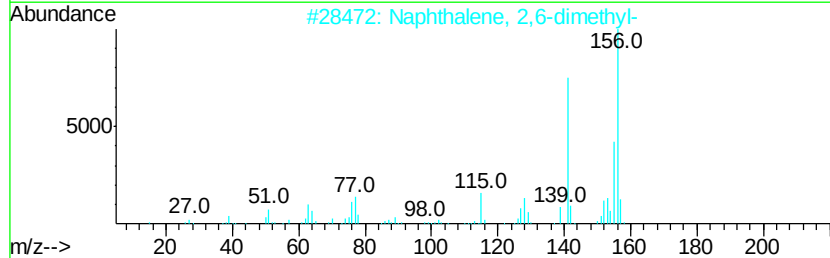
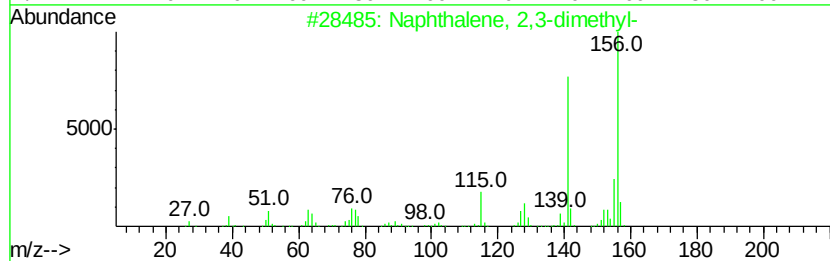
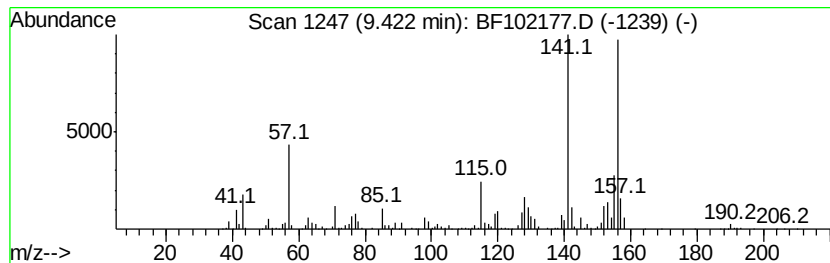
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.42	35.40 ng	1825570	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102177.D
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ClientSampleId :
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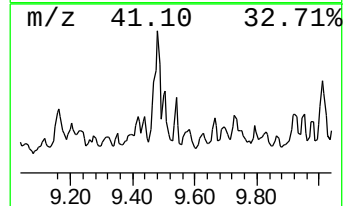
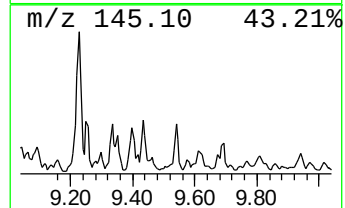
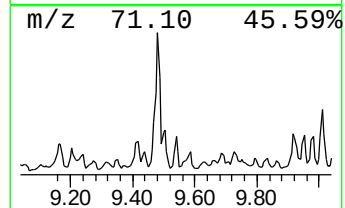
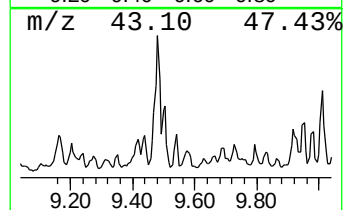
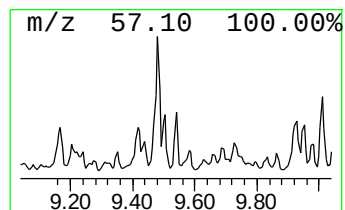
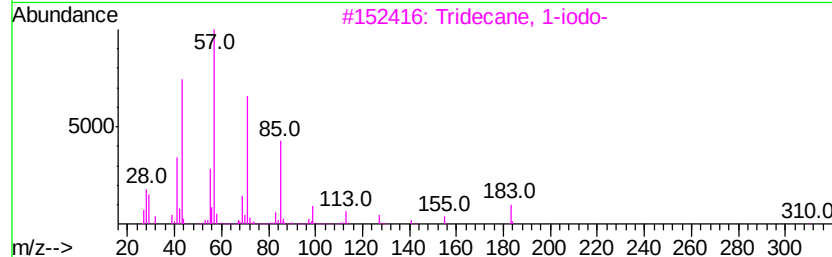
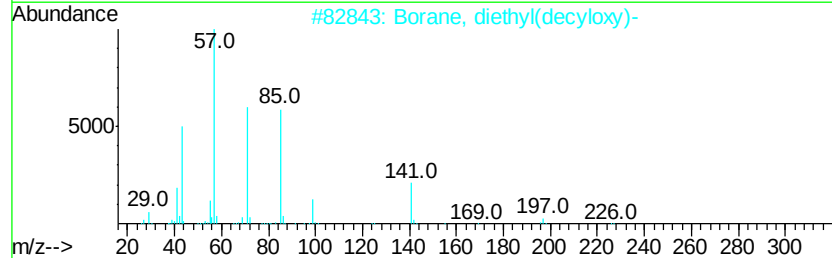
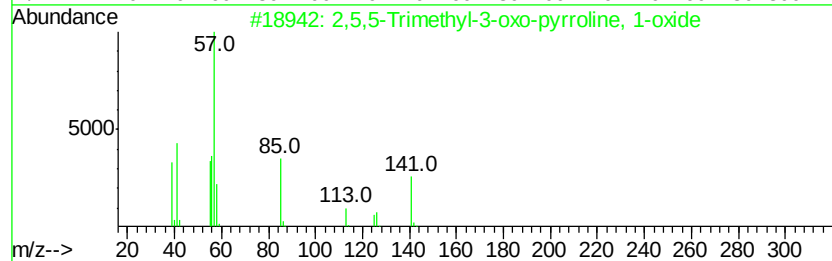
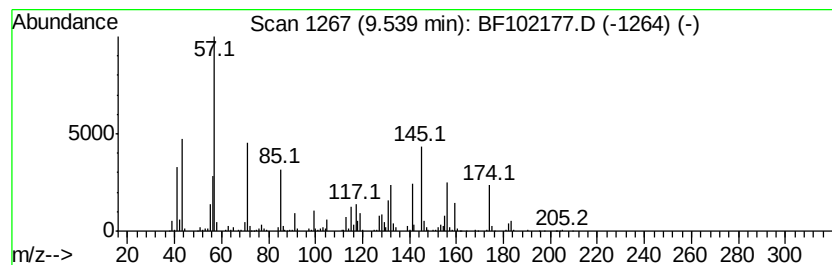
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.54 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	17.76 ng	915830	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5,5-Trimethyl-3-oxo-pyrroline,...	141	C7H11NO2	1000305-90-5	25
2			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	14
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	14
4			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	14
5			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	14



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102177.D
Acq On : 18 Jan 2018 4:36
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Sample : J1144-04
Misc :
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ClientSampleId :
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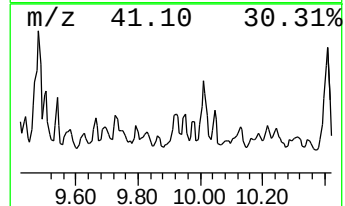
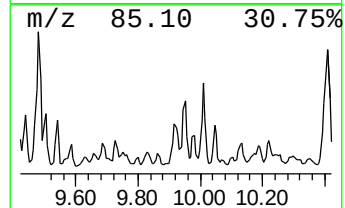
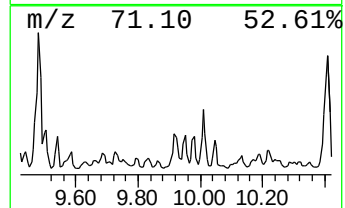
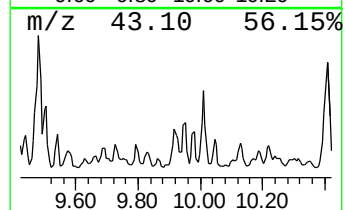
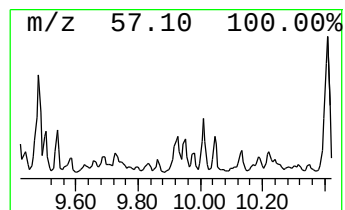
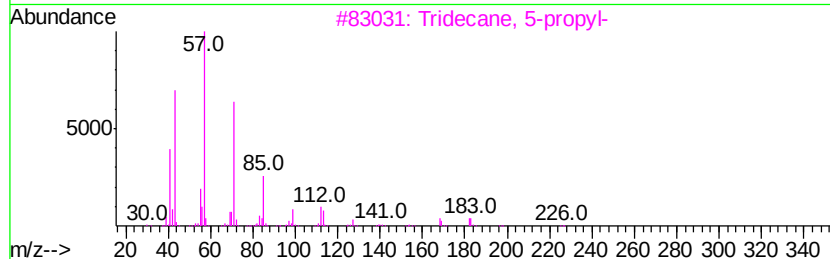
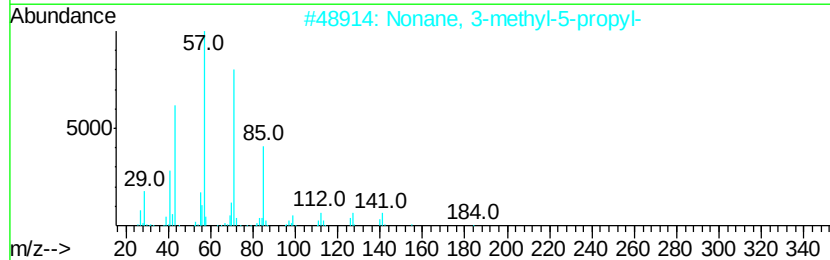
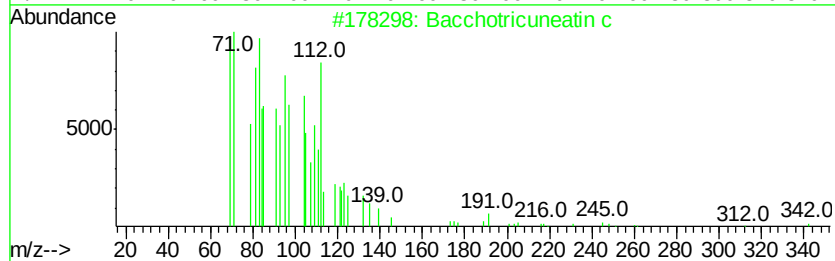
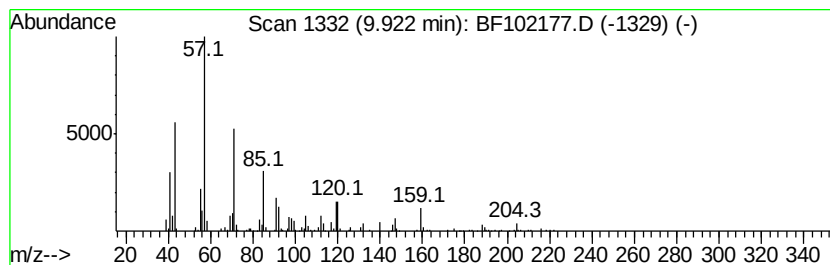
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	13.22 ng	681678	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	60
2		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	47
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	38
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	38
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102177.D
Acq On : 18 Jan 2018 4:36
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Sample : J1144-04
Misc :
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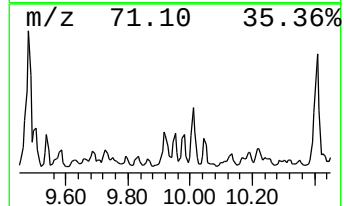
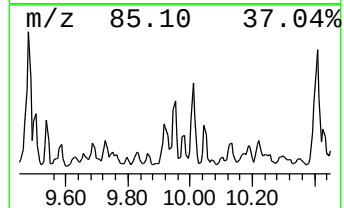
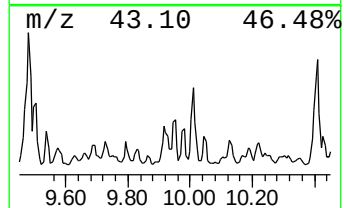
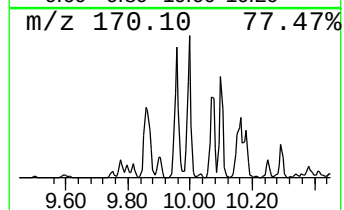
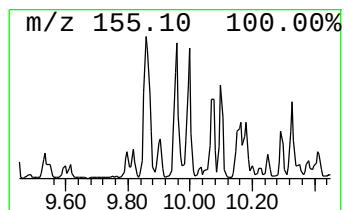
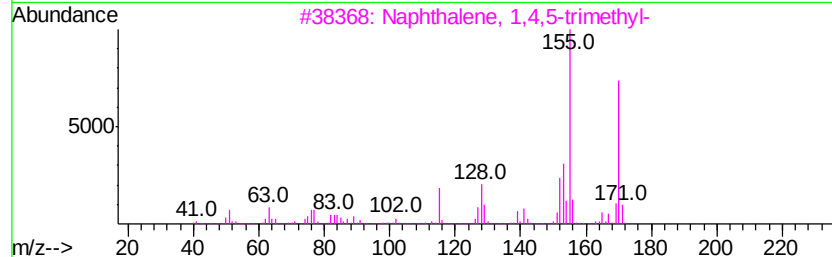
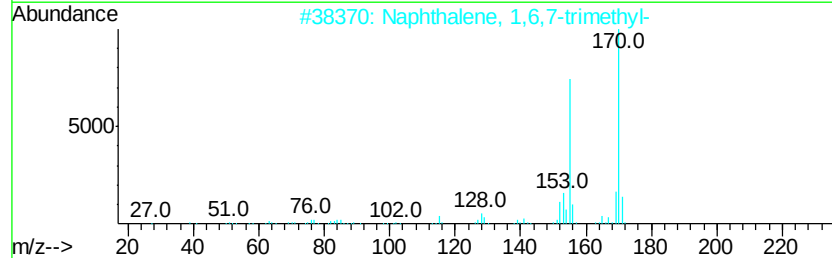
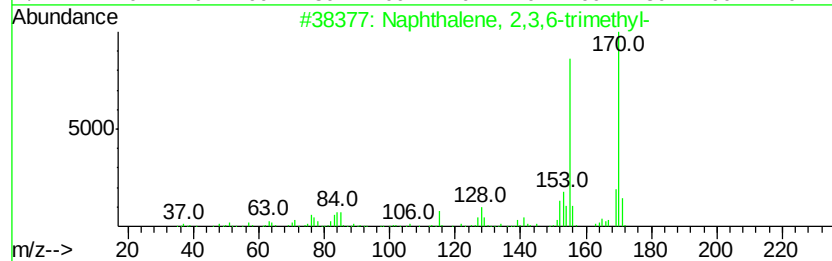
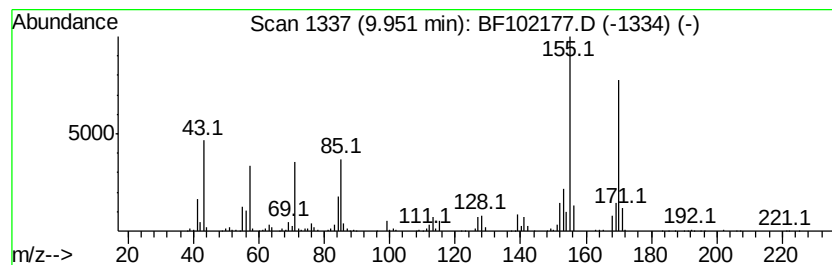
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	23.15 ng	1193750	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	80
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102177.D
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Misc :
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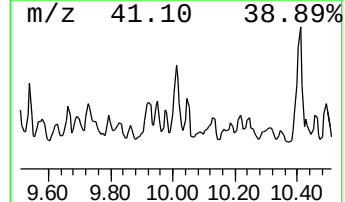
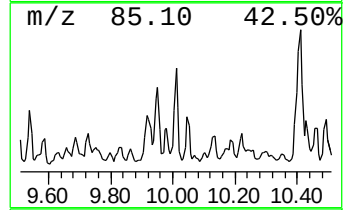
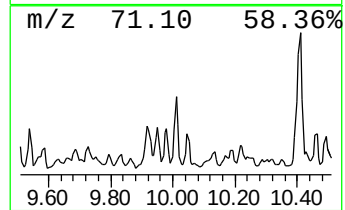
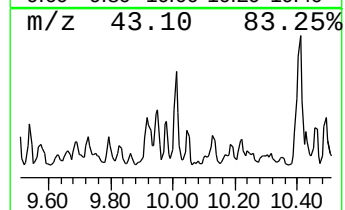
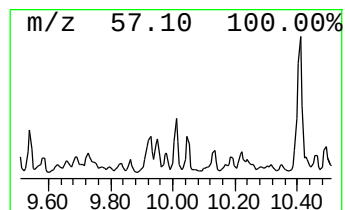
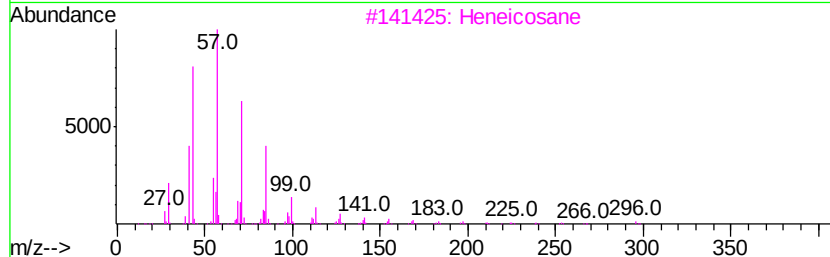
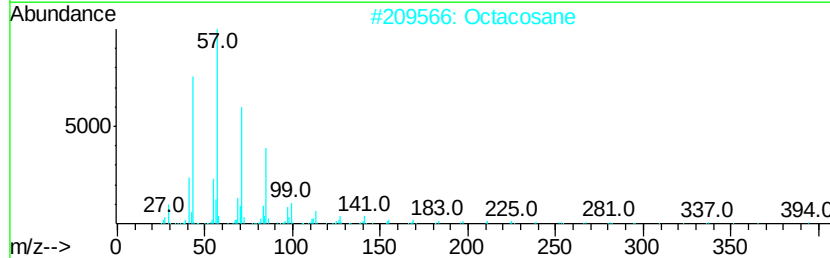
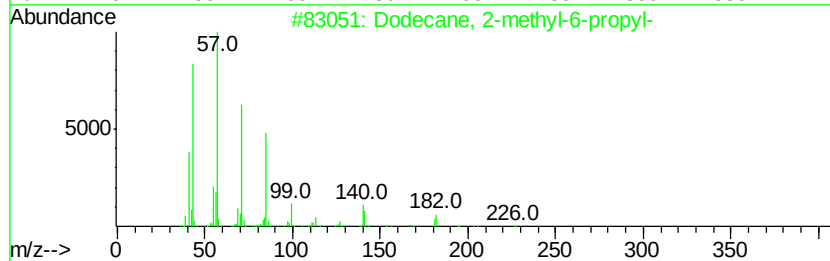
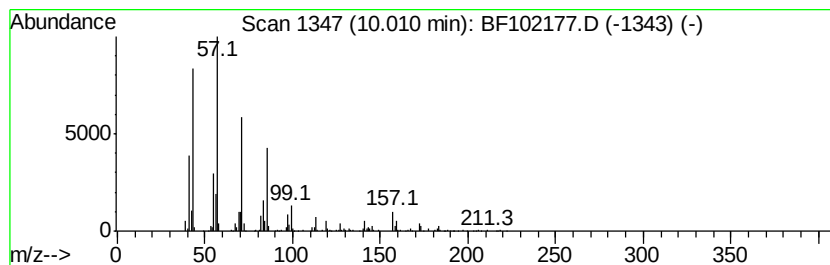
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	29.75 ng	1534350	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
2		Octacosane	394	C28H58	000630-02-4	74
3		Heneicosane	296	C21H44	000629-94-7	74
4		Pentadecane	212	C15H32	000629-62-9	72
5		Tetracosane	338	C24H50	000646-31-1	68



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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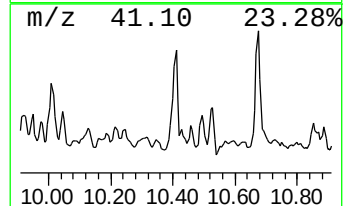
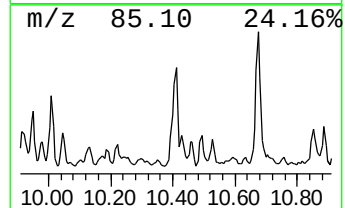
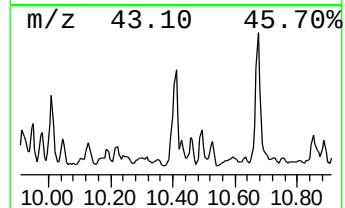
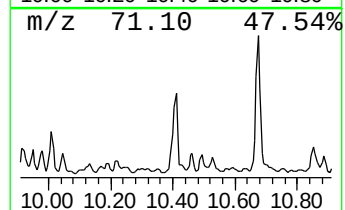
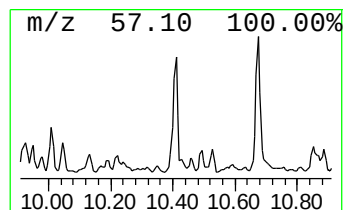
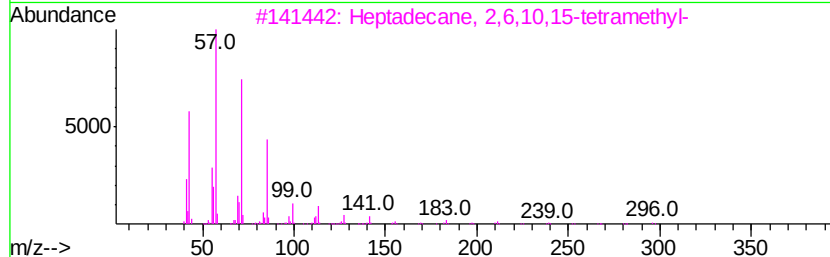
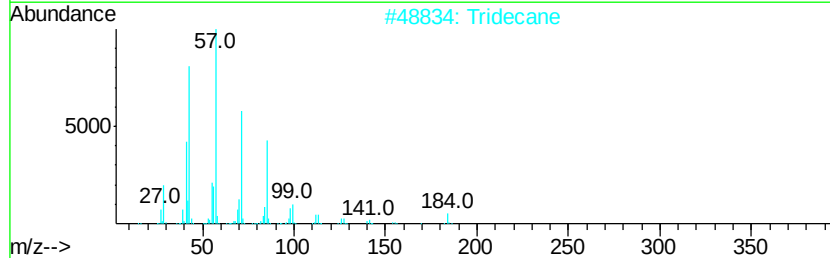
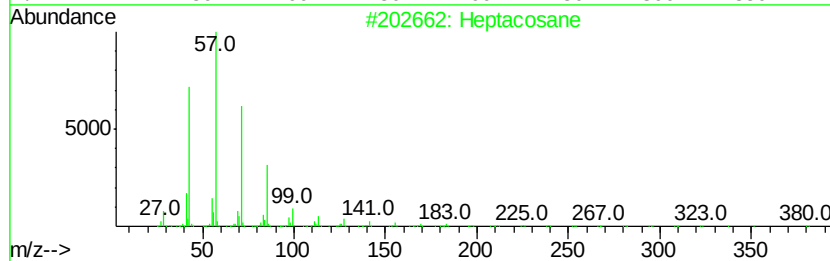
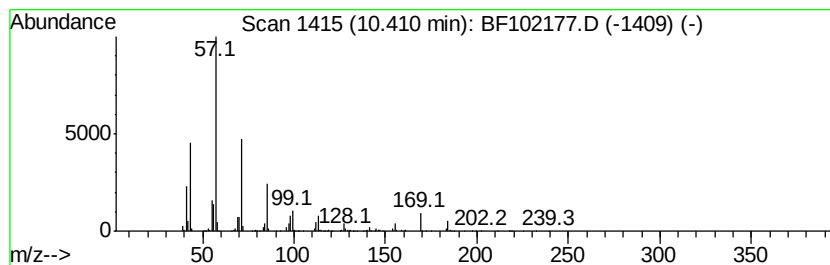
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.41	39.08 ng	2015440	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Tridecane	184	C13H28	000629-50-5	76
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
4	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	60
5	Heneicosane	296	C21H44	000629-94-7	58



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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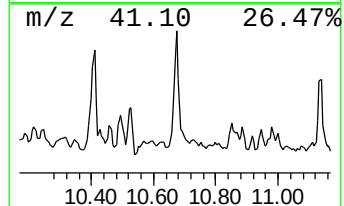
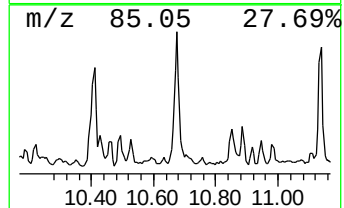
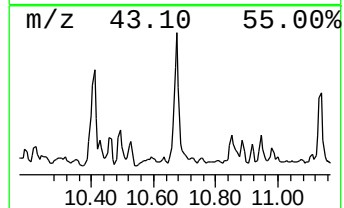
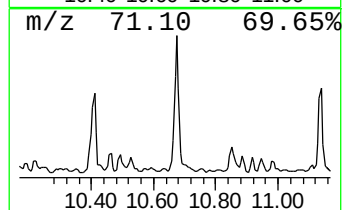
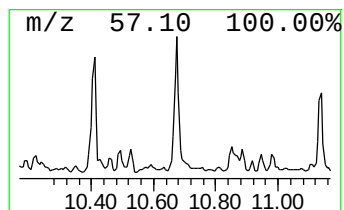
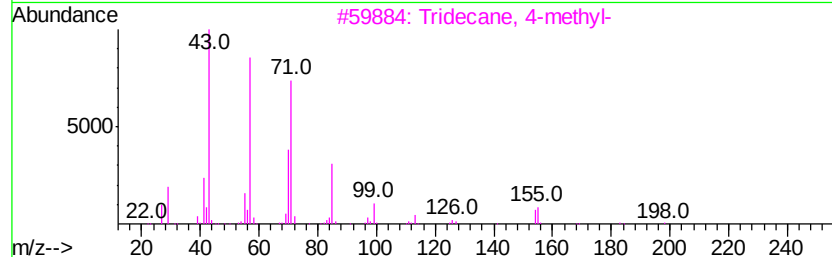
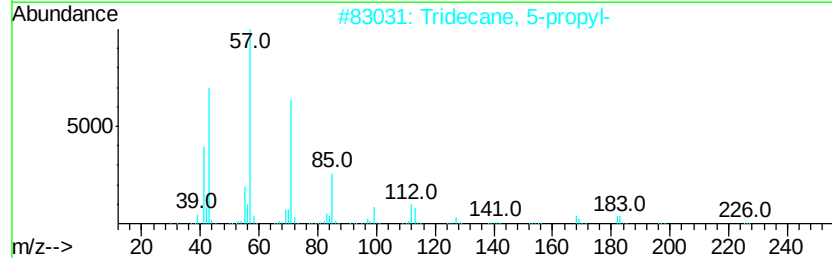
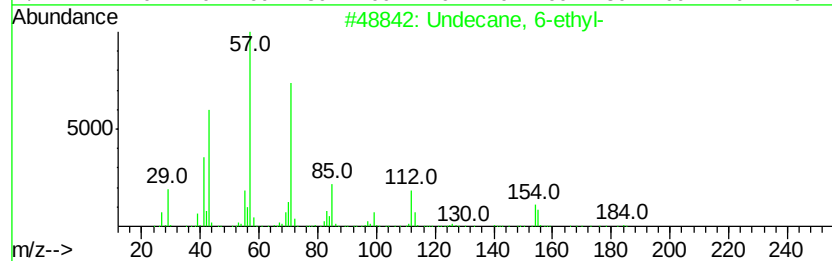
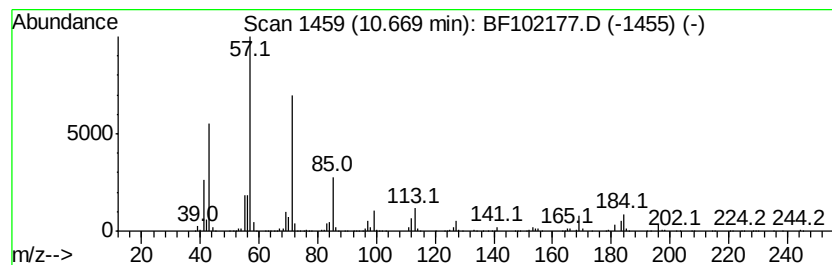
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 6-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	41.84 ng	2051020	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	80



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102177.D
Acq On : 18 Jan 2018 4:36
Operator : SJ/JU
Sample : J1144-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IGW-4

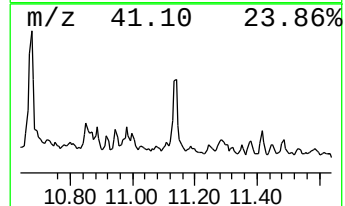
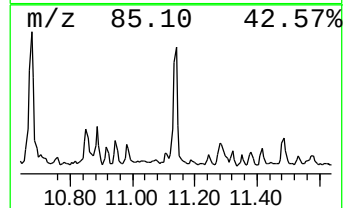
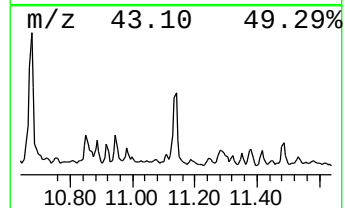
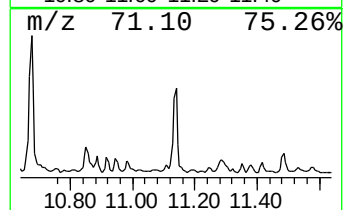
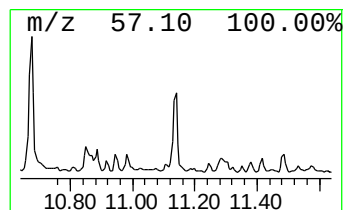
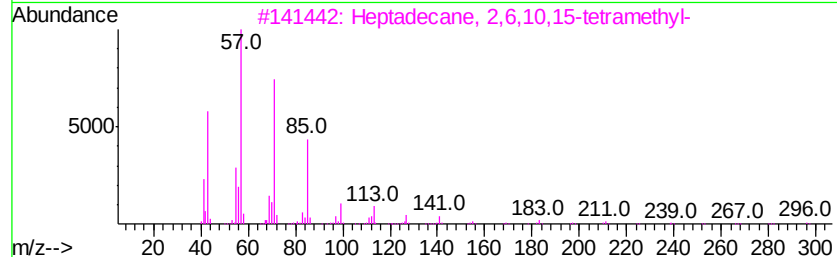
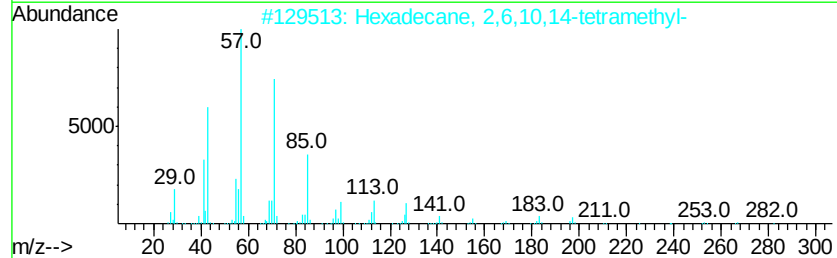
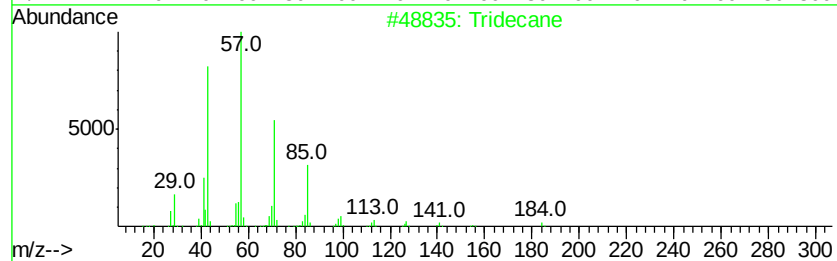
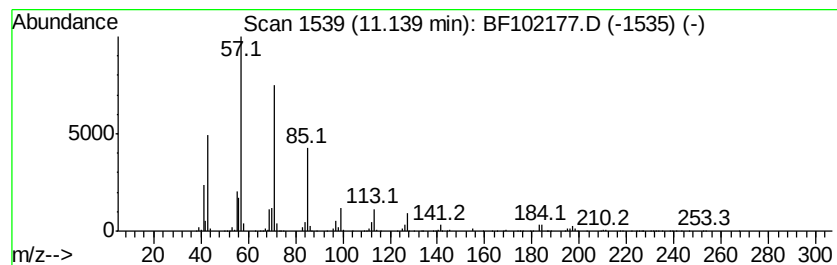
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	28.69 ng	1406340	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
 Data File : BF102177.D
 Acq On : 18 Jan 2018 4:36
 Operator : SJ/JU
 Sample : J1144-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.49	6.49	51.7	ng	3962840	1	6.72	1533960	20.0
Benzene, 1,4-diet...	7.04	21.5	ng	1647580	1	6.72	1533960	20.0
Indan, 1-methyl-	7.67	13.2	ng	1483060	2	8.00	2251560	20.0
Benzene, 2-etheny...	7.74	25.8	ng	2898530	2	8.00	2251560	20.0
Naphthalene, 1,2,...	8.51	14.5	ng	1635920	2	8.00	2251560	20.0
Naphthalene, 1-me...	8.82	18.3	ng	2054140	2	8.00	2251560	20.0
unknown8.96	8.96	18.9	ng	973941	3	9.76	1031480	20.0
Dodecane, 2,7,10-...	9.03	21.2	ng	1095180	3	9.76	1031480	20.0
Cyclononane, 1,1,...	9.16	15.2	ng	784949	3	9.76	1031480	20.0
Naphthalene, 2,6-...	9.35	27.2	ng	1400680	3	9.76	1031480	20.0
Naphthalene, 2,3-...	9.42	35.4	ng	1825570	3	9.76	1031480	20.0
unknown9.54	9.54	17.8	ng	915830	3	9.76	1031480	20.0
Bacchotricuneatin c	9.92	13.2	ng	681678	3	9.76	1031480	20.0
Naphthalene, 2,3,...	9.95	23.1	ng	1193750	3	9.76	1031480	20.0
Dodecane, 2-methy...	10.01	29.8	ng	1534350	3	9.76	1031480	20.0
Heptacosane	10.41	39.1	ng	2015440	3	9.76	1031480	20.0
Undecane, 6-ethyl-	10.67	41.8	ng	2051020	4	11.24	980329	20.0
Tridecane	11.14	28.7	ng	1406340	4	11.24	980329	20.0