

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102176.D
 Acq On : 18 Jan 2018 4:09
 Operator : SJ/JU
 Sample : J1144-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-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-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	3.987	312	323	328	rBV	538051	862218	13.46%	0.373%
2	4.840	464	468	477	rVB2	702291	1108650	17.30%	0.479%
3	5.187	524	527	532	rBV2	1755915	2439456	38.07%	1.055%
4	5.228	532	534	537	rVB	1079300	977353	15.25%	0.423%
5	5.304	544	547	549	rBV	1372528	1599937	24.97%	0.692%
6	5.334	549	552	554	rVB	3706800	3585978	55.96%	1.550%
7	5.581	587	594	598	rBV4	759168	1421311	22.18%	0.614%
8	5.622	598	601	608	rVB	1112481	1222955	19.08%	0.529%
9	5.781	624	628	631	rBV2	706746	1044163	16.29%	0.451%
10	5.869	635	643	644	rBV4	919191	1385105	21.62%	0.599%
11	5.963	656	659	662	rBV2	1644302	1800570	28.10%	0.778%
12	6.157	687	692	694	rBV3	1423642	1928275	30.09%	0.834%
13	6.181	694	696	698	rVB	2002292	1355093	21.15%	0.586%
14	6.216	698	702	705	rVB3	2036957	2918770	45.55%	1.262%
15	6.251	705	708	710	rBV	1952766	1709127	26.67%	0.739%
16	6.310	715	718	721	rBV	1624518	1598751	24.95%	0.691%
17	6.363	721	727	730	rVB	3347994	4567136	71.27%	1.974%
18	6.410	730	735	740	rVB	1841367	2219986	34.64%	0.960%
19	6.493	740	749	752	rBV	4095951	5630904	87.87%	2.434%
20	6.557	756	760	763	rBV2	1715872	1947148	30.39%	0.842%
21	6.722	784	788	789	rBV2	1001925	1074680	16.77%	0.465%
22	6.740	789	791	795	rVB2	1881815	1589393	24.80%	0.687%
23	6.781	795	798	801	rBV	1249436	1199478	18.72%	0.519%
24	6.881	811	815	817	rBV2	3049753	3490495	54.47%	1.509%
25	6.904	817	819	822	rVB	2682540	2105348	32.86%	0.910%
26	6.975	824	831	833	rBV	2519686	2896839	45.21%	1.252%
27	6.998	833	835	838	rVB	1529306	1543377	24.09%	0.667%
28	7.045	838	843	845	rBV2	2248538	3045000	47.52%	1.316%
29	7.069	845	847	851	rVB	2033706	1758771	27.45%	0.760%
30	7.116	851	855	858	rBV2	2705870	2762706	43.11%	1.194%
31	7.192	865	868	873	rVB	1232082	1384024	21.60%	0.598%
32	7.269	873	881	883	rBV2	4903956	6407968	100.00%	2.770%
33	7.298	883	886	889	rVB3	3178504	3127047	48.80%	1.352%
34	7.369	893	898	902	rBV6	1653066	2527434	39.44%	1.093%

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35	7.410	902	905	907	rBV2	947585	1127702	17.60%	0.487%
36	7.440	907	910	914	rVB6	887896	971106	15.15%	0.420%
37	7.498	914	920	923	rBV	2637462	3515067	54.85%	1.520%
38	7.528	923	925	929	rVB3	1631107	1765486	27.55%	0.763%
39	7.616	936	940	941	rBV	1746519	1749960	27.31%	0.756%
40	7.687	949	952	956	rVB3	2516586	3935060	61.41%	1.701%
41	7.734	956	960	961	rBV3	2196987	2462295	38.43%	1.064%
42	7.751	961	963	970	rVB5	4130569	5796965	90.46%	2.506%
43	7.828	974	976	978	rBV2	950928	865560	13.51%	0.374%
44	7.851	978	980	982	rVB	2741614	1977316	30.86%	0.855%
45	7.881	982	985	988	rVB	1780141	1565617	24.43%	0.677%
46	7.975	994	1001	1002	rBV5	1538067	2610467	40.74%	1.128%
47	8.004	1002	1006	1008	rBV2	2418262	2773862	43.29%	1.199%
48	8.034	1008	1011	1013	rVB2	2761172	2649249	41.34%	1.145%
49	8.057	1013	1015	1017	rBV	1638155	1438028	22.44%	0.622%
50	8.075	1017	1018	1020	rVB	2428219	1338021	20.88%	0.578%
51	8.098	1020	1022	1025	rVB2	1611152	1303761	20.35%	0.564%
52	8.169	1030	1034	1035	rBV3	904676	1169595	18.25%	0.506%
53	8.210	1038	1041	1044	rVB2	2741667	2591579	40.44%	1.120%
54	8.257	1044	1049	1052	rBV3	1363802	2370694	37.00%	1.025%
55	8.287	1052	1054	1056	rBV	1645321	1772184	27.66%	0.766%
56	8.363	1064	1067	1070	rBV3	2023020	1993484	31.11%	0.862%
57	8.398	1070	1073	1075	rVB	2890494	2695742	42.07%	1.165%
58	8.439	1075	1080	1082	rBV3	2954230	3531161	55.11%	1.526%
59	8.481	1085	1087	1089	rVB	1702827	1366442	21.32%	0.591%
60	8.522	1089	1094	1096	rBV2	4262223	4629171	72.24%	2.001%
61	8.604	1105	1108	1112	rBV3	1320345	2158827	33.69%	0.933%
62	8.675	1117	1120	1122	rVV2	1716115	1761205	27.48%	0.761%
63	8.734	1127	1130	1132	rVB	4128420	3757812	58.64%	1.624%
64	8.763	1132	1135	1137	rBV2	802210	871289	13.60%	0.377%
65	8.839	1141	1148	1152	rBV4	3055889	5757638	89.85%	2.489%
66	9.016	1175	1178	1179	rBV3	1071562	1118973	17.46%	0.484%
67	9.039	1179	1182	1186	rVB3	2846538	3512635	54.82%	1.518%
68	9.092	1187	1191	1195	rVB2	3351120	3473542	54.21%	1.502%
69	9.169	1200	1204	1206	rBV5	983991	1530924	23.89%	0.662%
70	9.239	1214	1216	1219	rVB2	1549723	1467217	22.90%	0.634%
71	9.286	1222	1224	1230	rVB2	1568427	1588835	24.79%	0.687%

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72	9.363	1230	1237	1239	rBV3	2613956	4282505	66.83%	1.851%
73	9.434	1242	1249	1251	rBV3	3430546	5772412	90.08%	2.495%
74	9.451	1251	1252	1255	rVV2	2337508	2404339	37.52%	1.039%
75	9.498	1255	1260	1261	rVV4	3355167	4733231	73.86%	2.046%
76	9.516	1261	1263	1266	rVV2	1618372	1487015	23.21%	0.643%
77	9.551	1266	1269	1272	rVB2	2327862	2328342	36.34%	1.007%
78	9.628	1280	1282	1287	rBV3	1131669	1362598	21.26%	0.589%
79	9.745	1299	1302	1304	rBV5	1794660	2436786	38.03%	1.053%
80	9.875	1321	1324	1328	rVB	1834857	2044506	31.91%	0.884%
81	9.934	1331	1334	1337	rVV3	1079176	1780752	27.79%	0.770%
82	9.969	1337	1340	1343	rVV3	2109726	2993168	46.71%	1.294%
83	10.016	1345	1348	1354	rVB5	1739443	2882516	44.98%	1.246%
84	10.086	1357	1360	1363	rBV2	1745713	2494230	38.92%	1.078%
85	10.116	1363	1365	1367	rVB2	1256797	877199	13.69%	0.379%
86	10.310	1394	1398	1400	rBV3	1393759	1769124	27.61%	0.765%
87	10.422	1412	1417	1422	rVB	3115321	4425849	69.07%	1.913%
88	10.469	1423	1425	1429	rVB4	1454742	1629609	25.43%	0.704%
89	10.539	1434	1437	1438	rBV2	1385932	1208712	18.86%	0.523%
90	10.557	1438	1440	1443	rVV3	1315697	1093578	17.07%	0.473%
91	10.586	1443	1445	1451	rVB5	818205	1197127	18.68%	0.518%
92	10.692	1458	1463	1468	rVB2	4023735	5245273	81.86%	2.267%
93	10.892	1495	1497	1500	rVB3	1471239	1342831	20.96%	0.580%
94	11.151	1537	1541	1547	rVB	3394441	4200969	65.56%	1.816%
95	11.251	1555	1558	1560	rBV2	1190205	1197876	18.69%	0.518%
96	11.492	1597	1599	1603	rVB2	1097603	1049191	16.37%	0.454%
97	11.775	1644	1647	1649	rVB	1154173	971599	15.16%	0.420%
98	12.222	1720	1723	1726	rBV2	863800	887239	13.85%	0.384%
99	12.292	1732	1735	1738	rVB2	910202	868817	13.56%	0.376%
100	12.827	1821	1826	1833	rVB	2839089	3157721	49.28%	1.365%

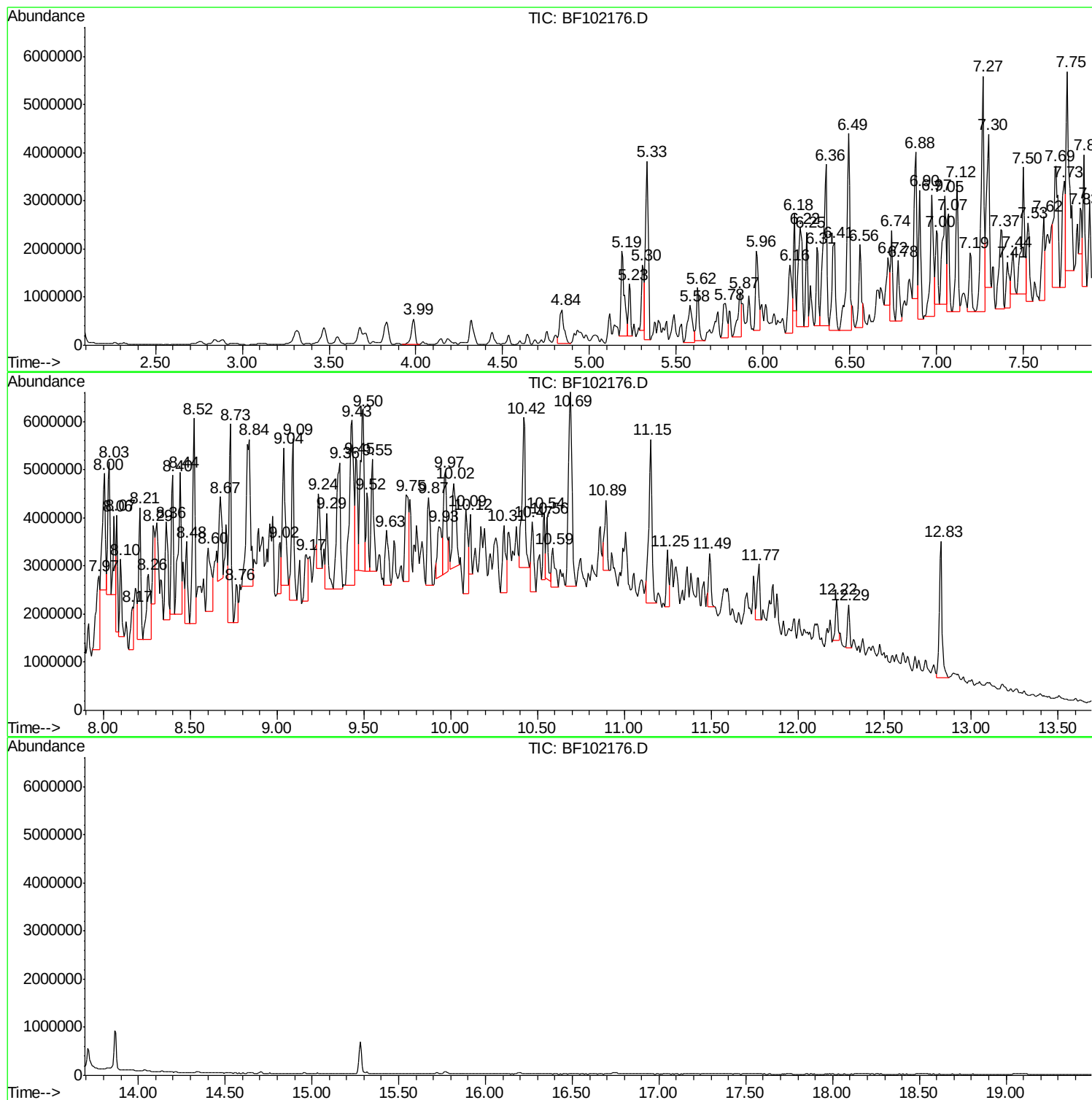
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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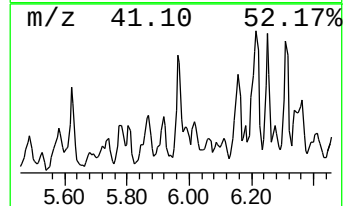
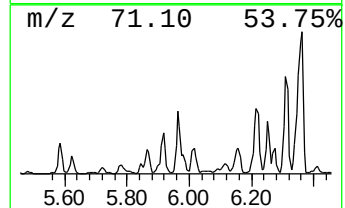
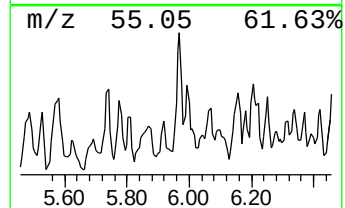
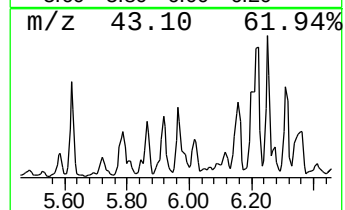
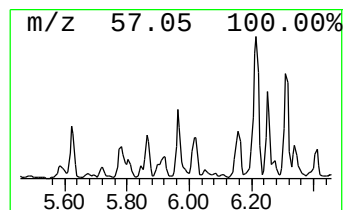
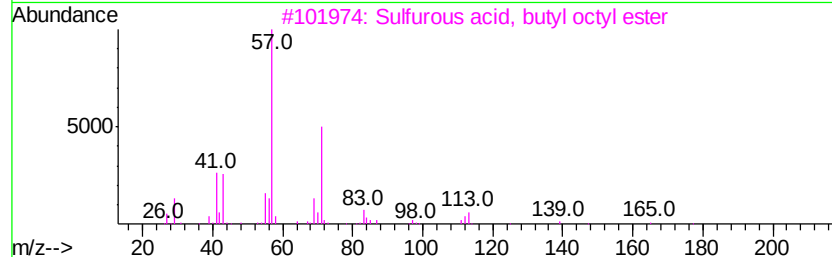
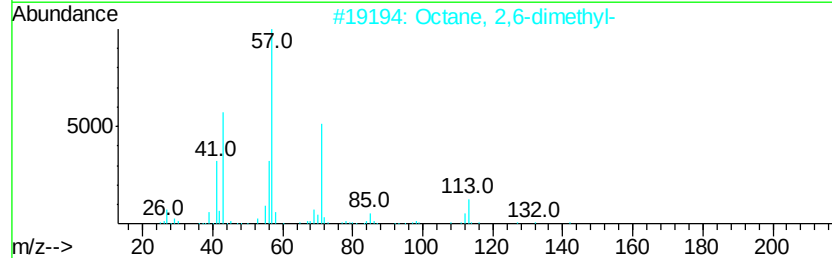
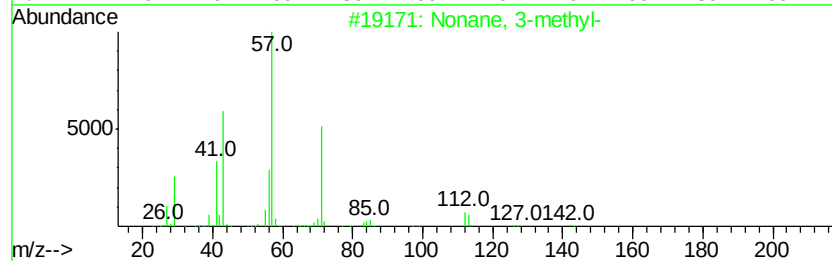
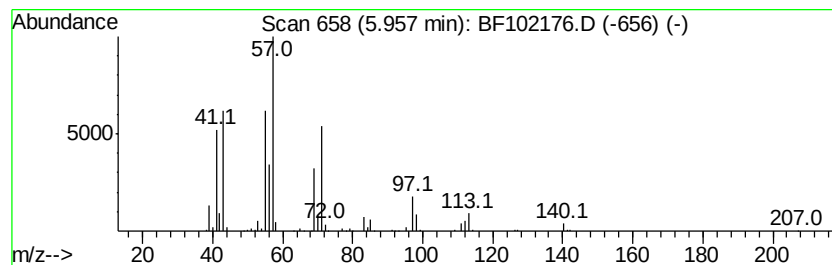
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Nonane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	33.51 ng	1800570	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53



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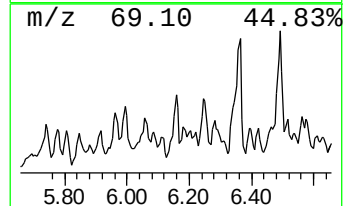
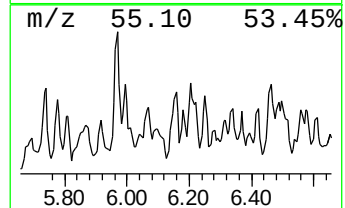
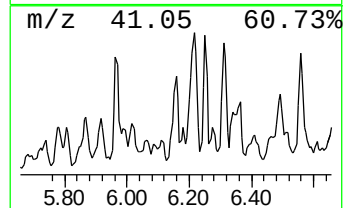
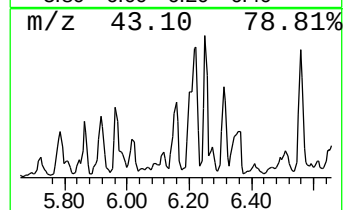
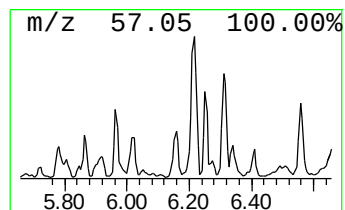
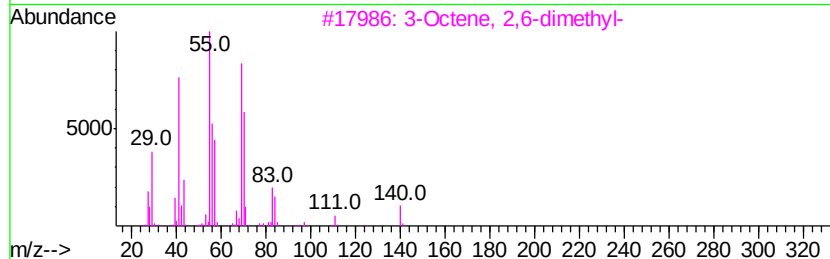
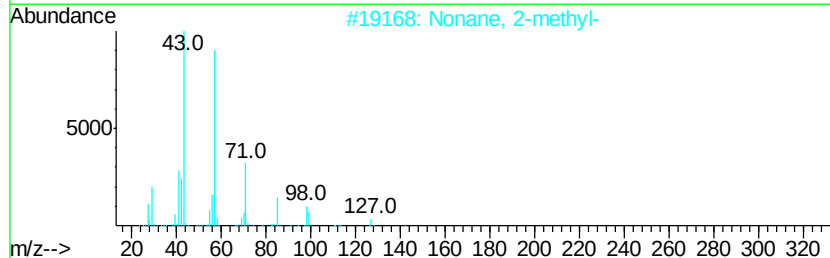
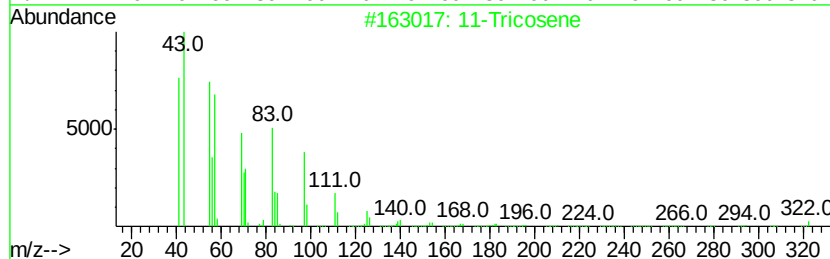
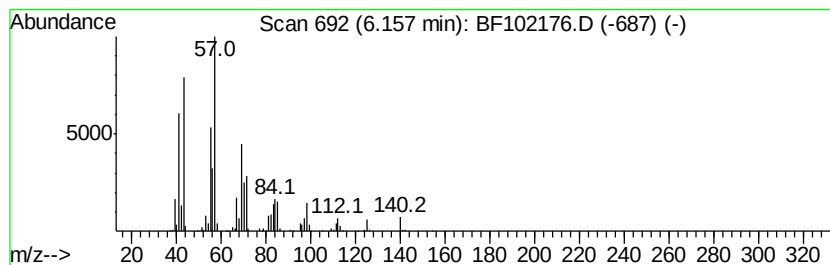
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 11-Tricosene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	35.89 ng	1928280	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	80
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	49
3	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	43
4	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	43
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	42



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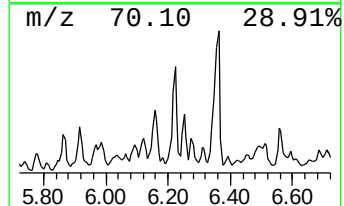
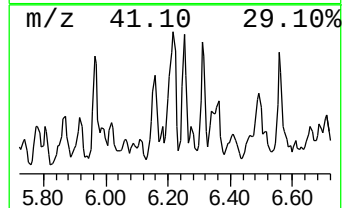
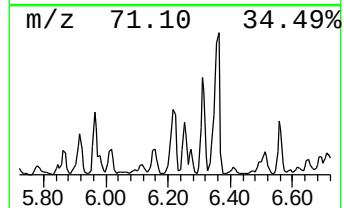
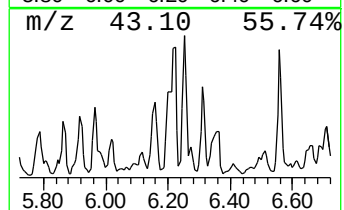
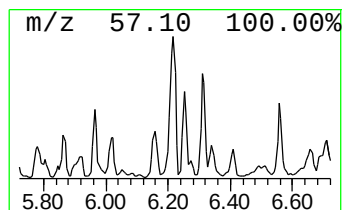
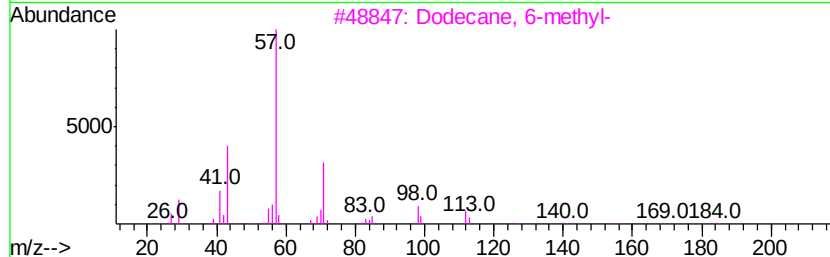
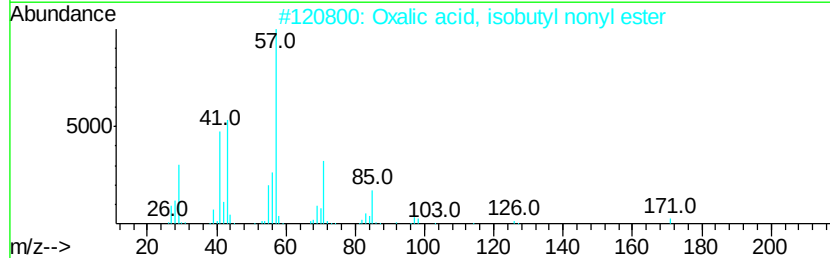
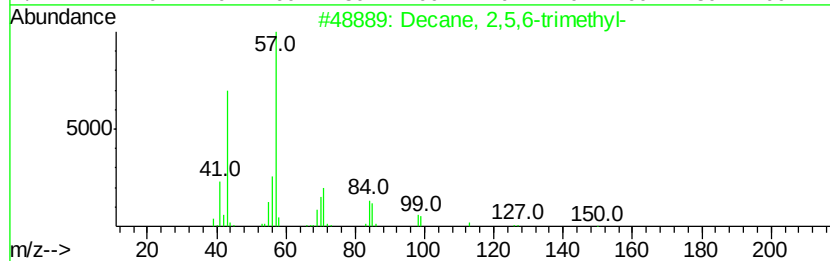
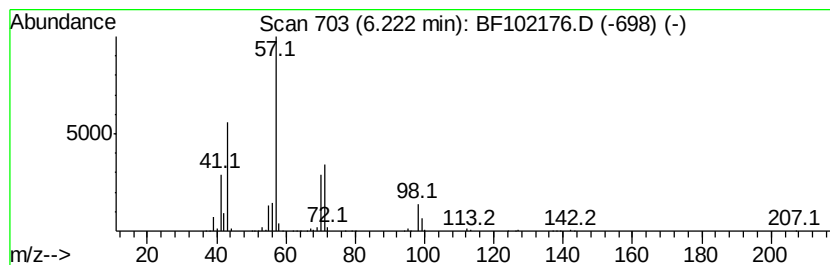
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,5,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.22	54.32 ng	2918770	1,4-Dichlorobenzene-d4	6.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	72
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	64



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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Acq On : 18 Jan 2018 4:09
Operator : SJ/JU
Sample : J1144-03
Misc :
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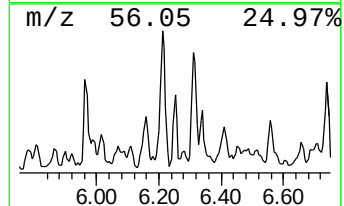
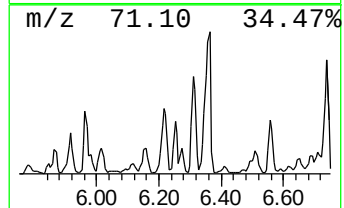
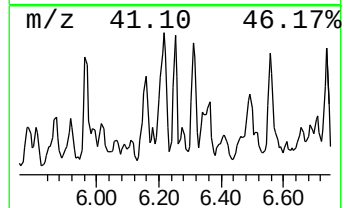
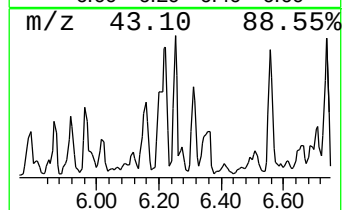
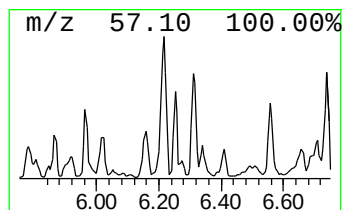
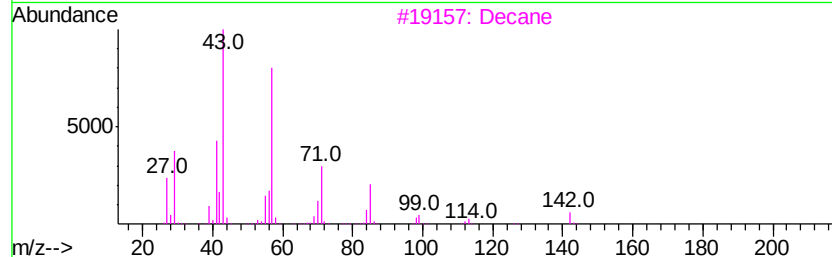
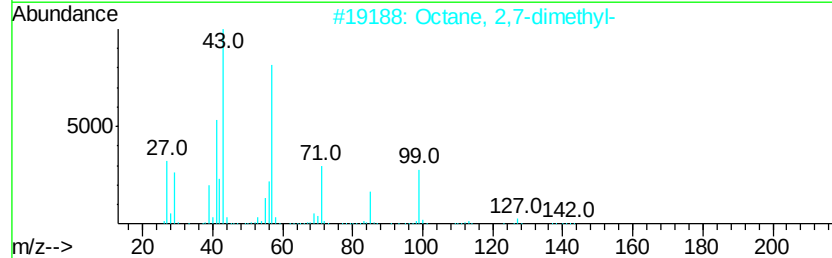
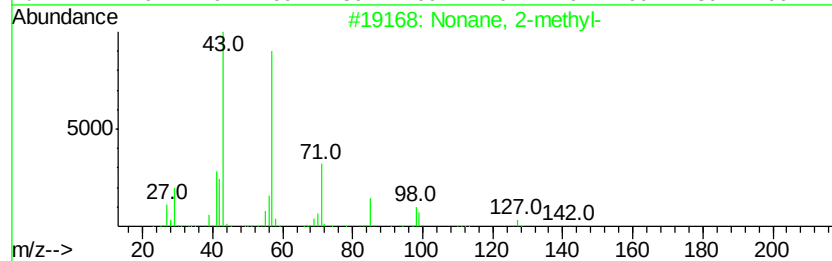
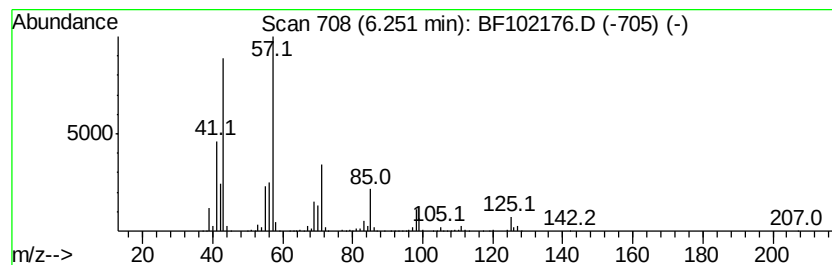
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	31.81 ng	1709130	1,4-Dichlorobenzene-d4	6.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 2-methyl-	142 C10H22	000871-83-0	72
2	Octane, 2,7-dimethyl-	142 C10H22	001072-16-8	62
3	Decane	142 C10H22	000124-18-5	53
4	Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8	50
5	Heptane, 3-ethyl-2-methyl-	142 C10H22	014676-29-0	50



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102176.D
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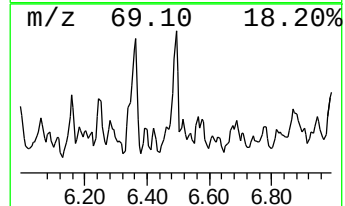
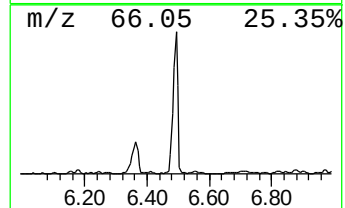
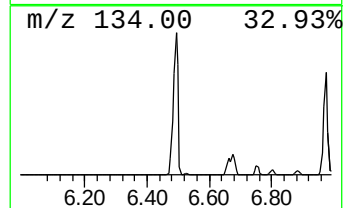
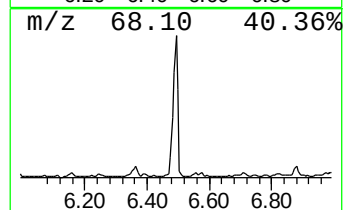
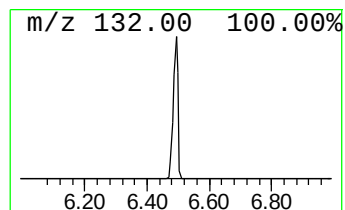
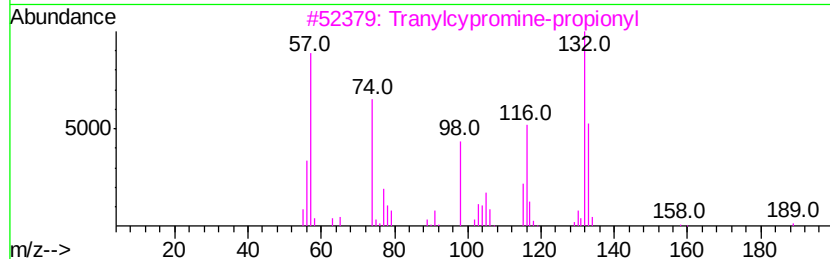
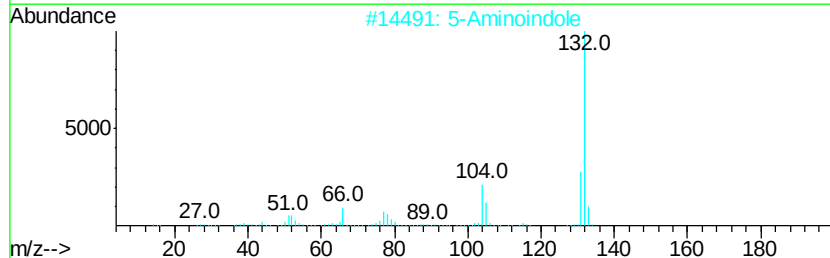
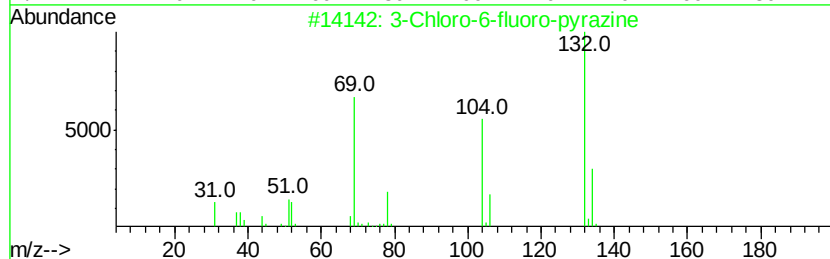
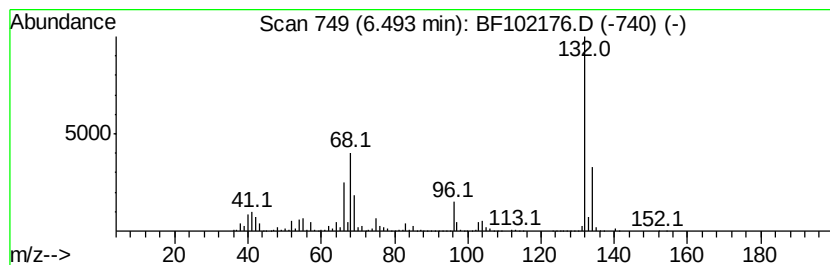
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	104.79 ng	5630900	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		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102176.D
Acq On : 18 Jan 2018 4:09
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Instrument :
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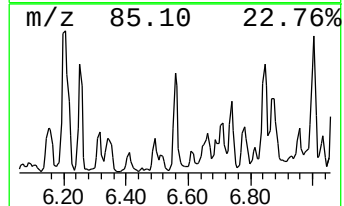
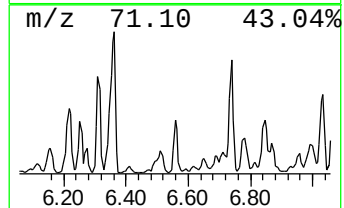
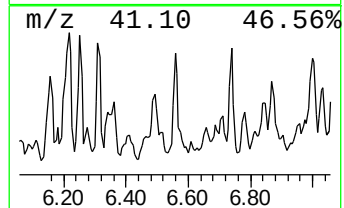
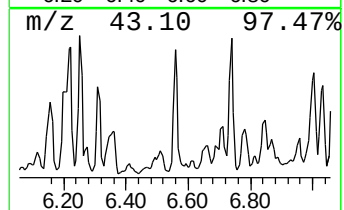
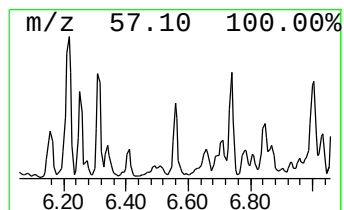
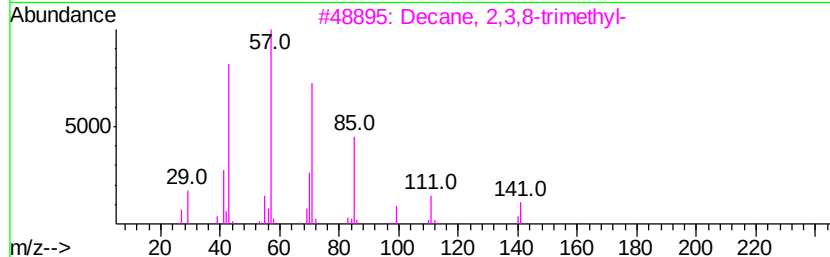
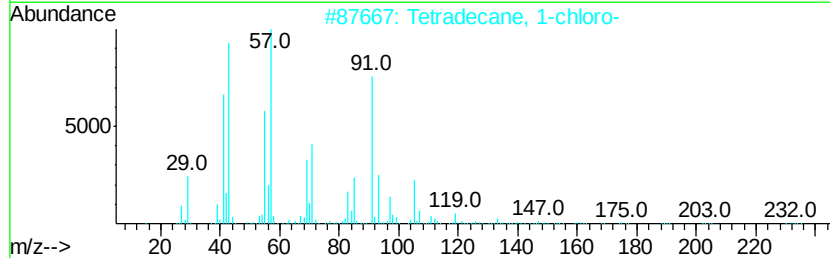
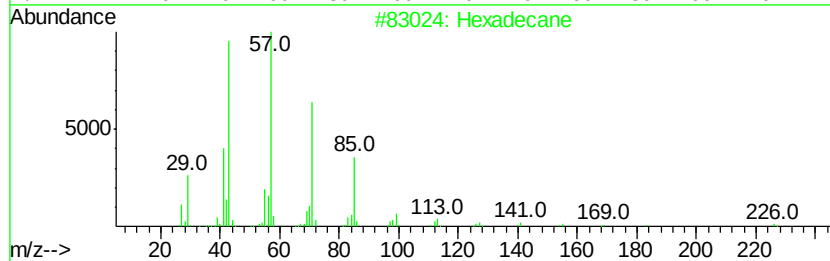
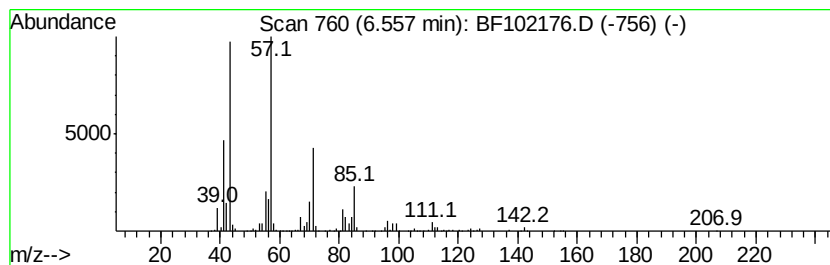
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	36.24 ng	1947150	1,4-Dichlorobenzene-d4	6.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	64
2	Tetradecane, 1-chloro-		232	C14H29Cl	002425-54-9	64
3	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	64
4	Tridecane		184	C13H28	000629-50-5	64
5	Decane		142	C10H22	000124-18-5	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102176.D
Acq On : 18 Jan 2018 4:09
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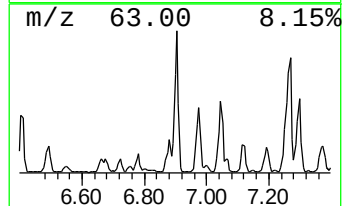
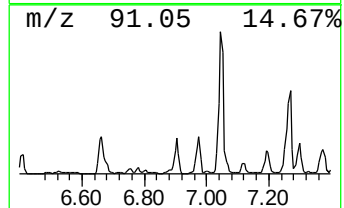
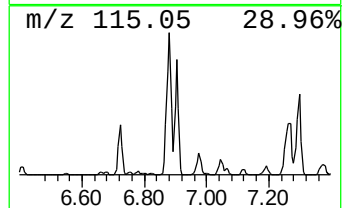
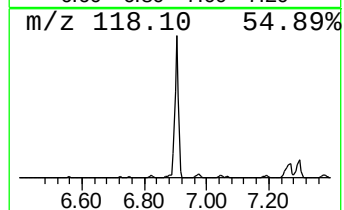
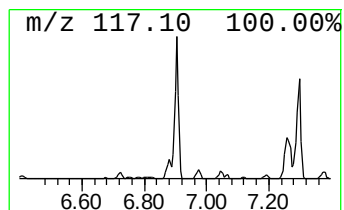
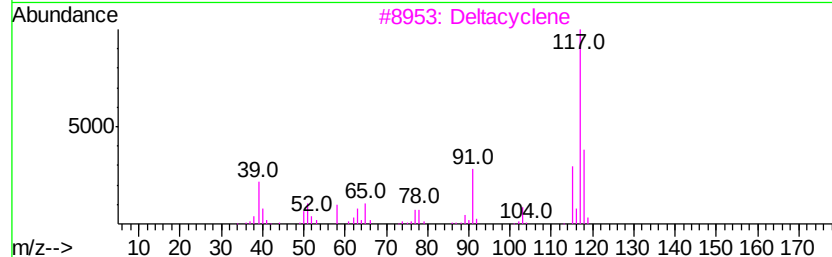
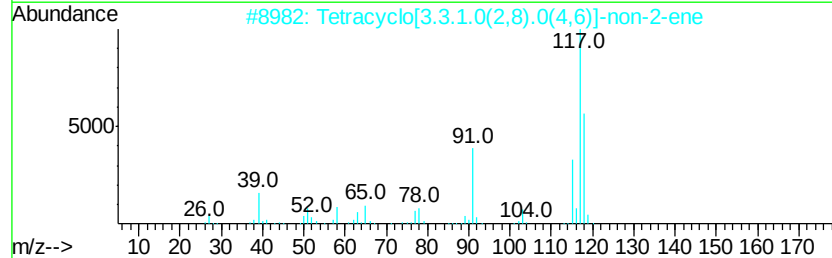
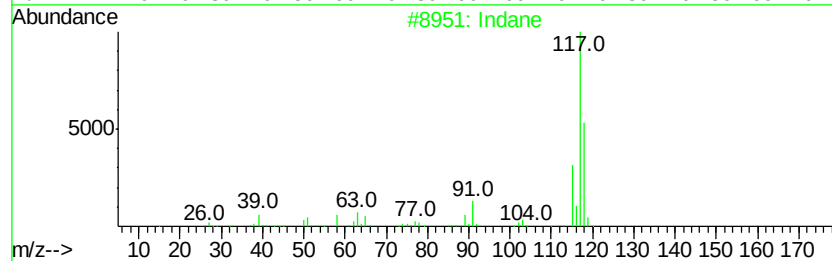
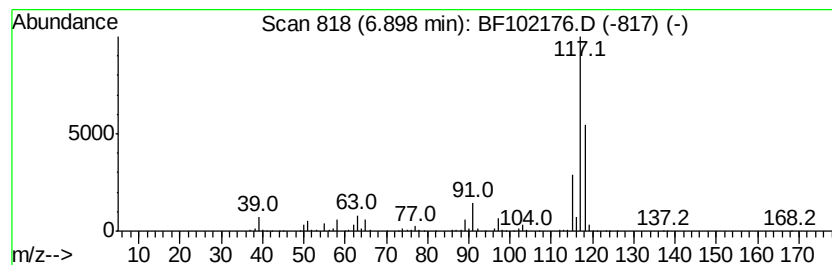
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	39.18 ng	2105350	1,4-Dichlorobenzene-d4	6.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	72
3	Deltacyclene		118	C9H10	007785-10-6	64
4	Benzene, cyclopropyl-		118	C9H10	000873-49-4	64
5	Benzene, 1-propenyl-		118	C9H10	000637-50-3	53



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102176.D
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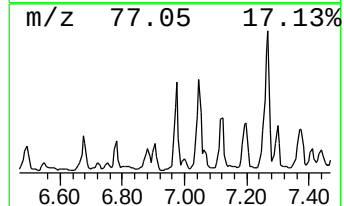
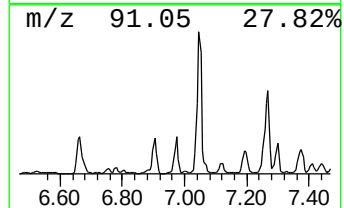
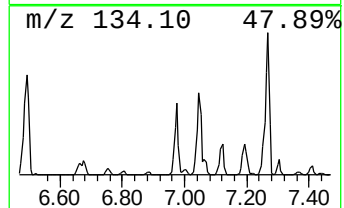
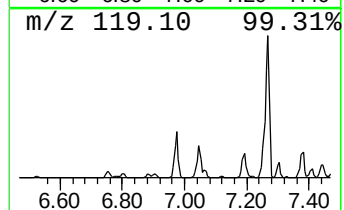
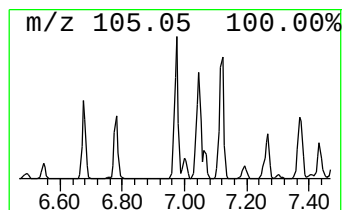
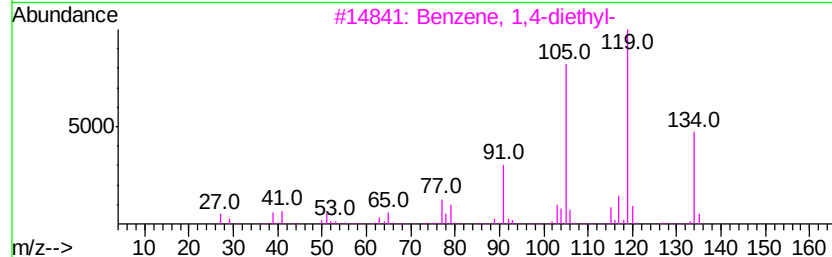
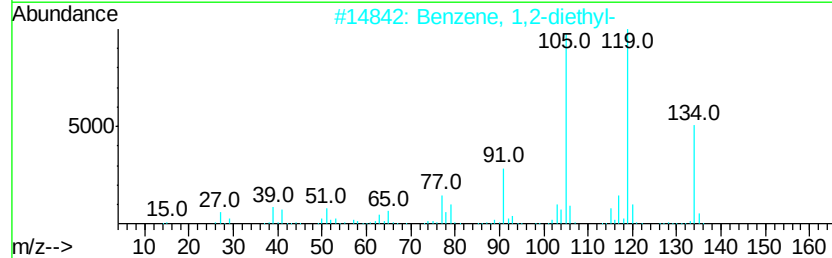
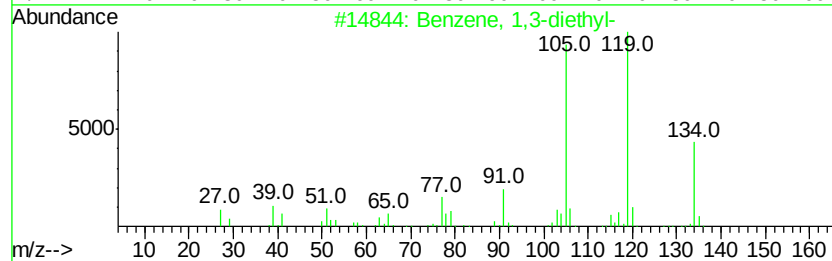
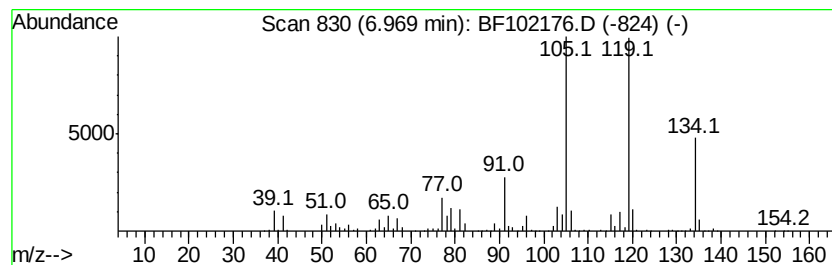
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	53.91 ng	2896840	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87



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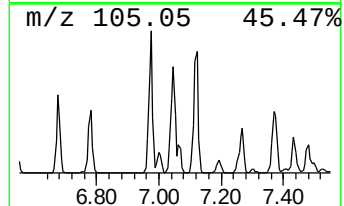
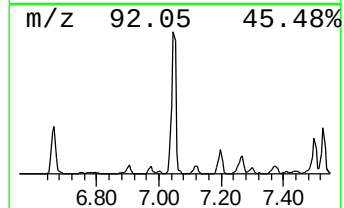
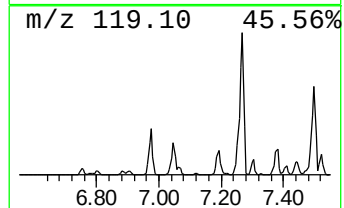
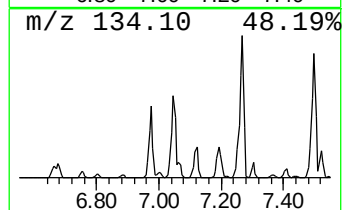
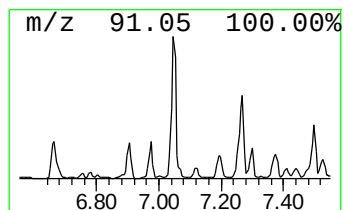
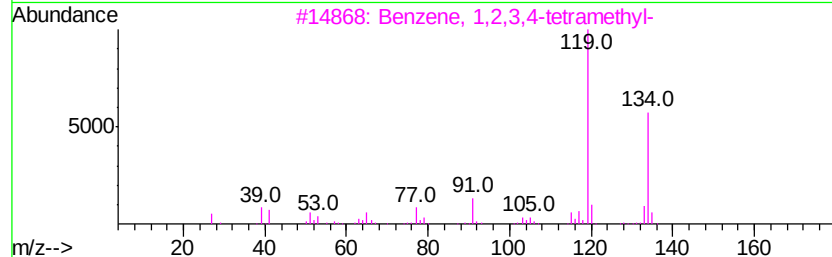
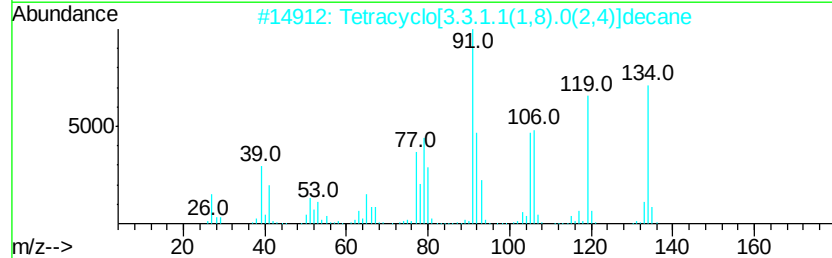
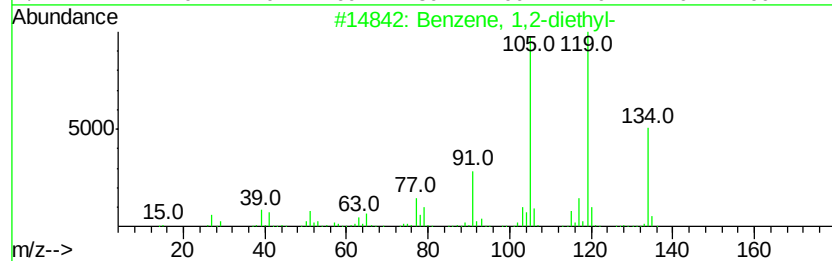
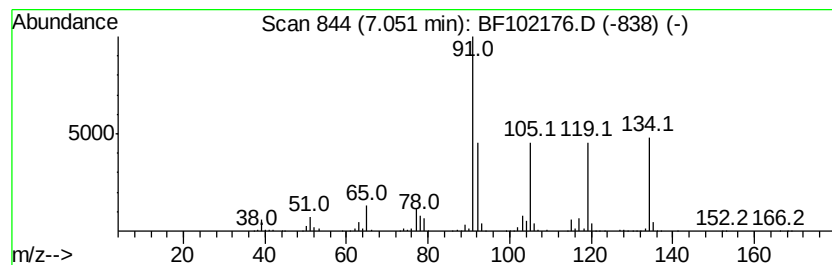
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	56.67 ng	3045000	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
2		Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	83
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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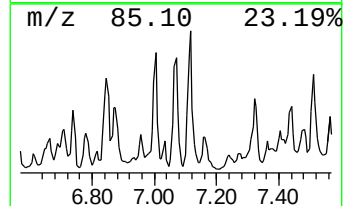
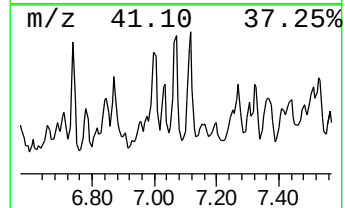
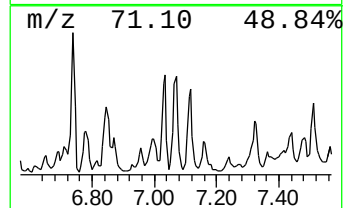
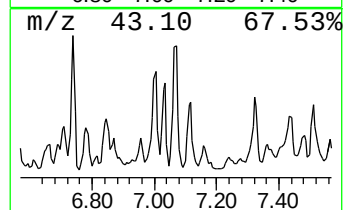
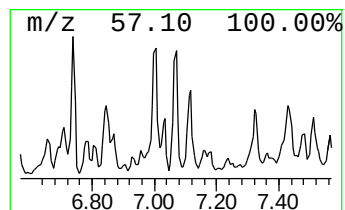
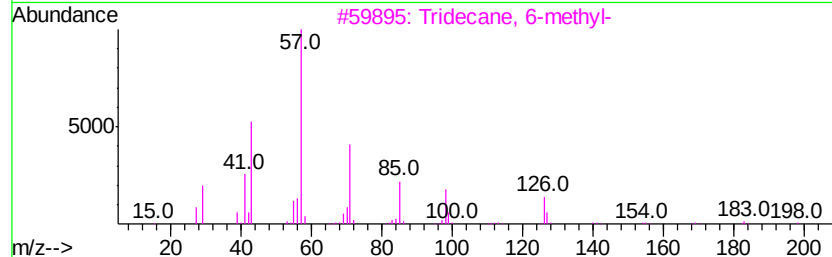
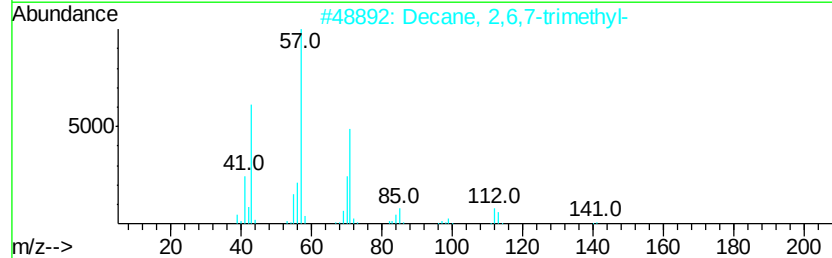
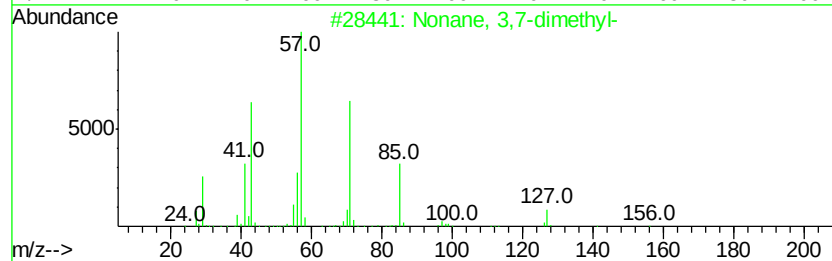
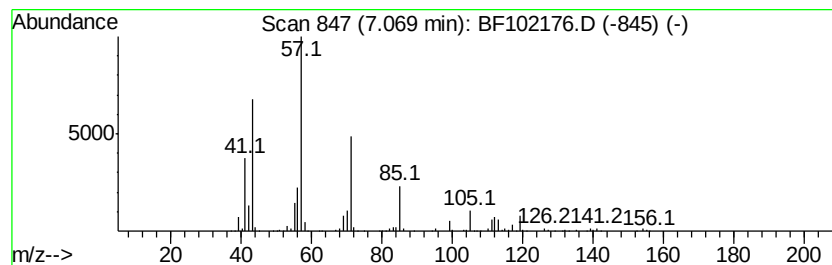
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Nonane, 3,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	32.73 ng	1758770	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	50



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102176.D
Acq On : 18 Jan 2018 4:09
Operator : SJ/JU
Sample : J1144-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

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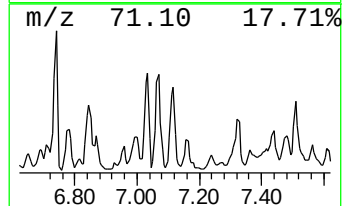
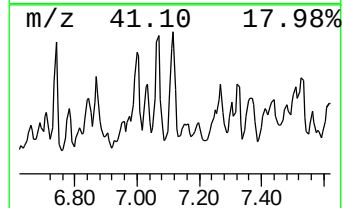
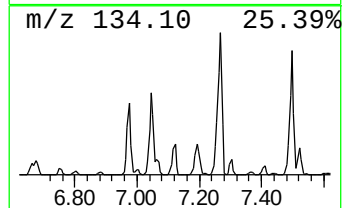
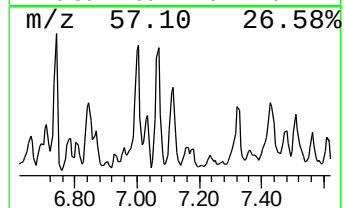
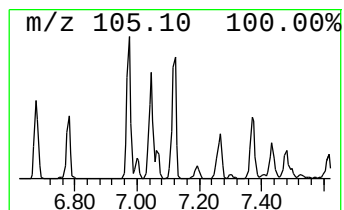
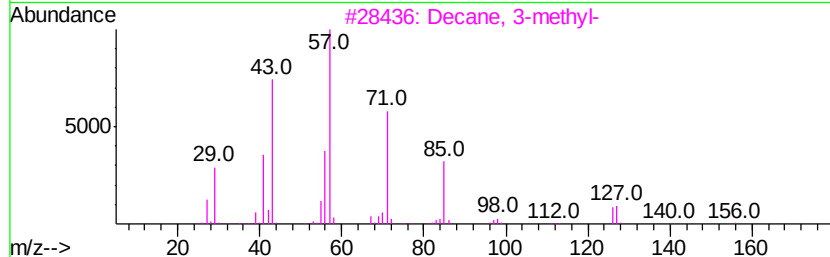
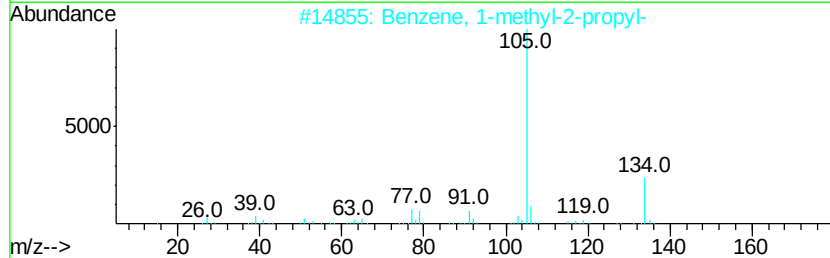
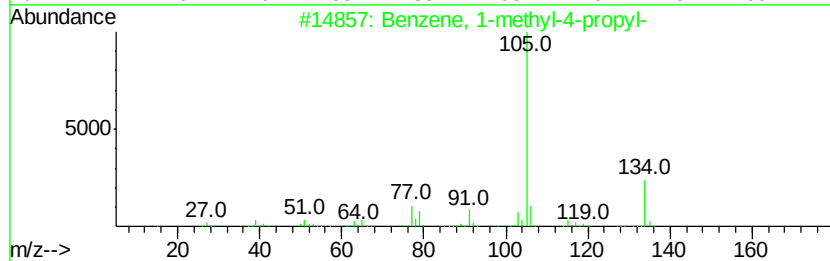
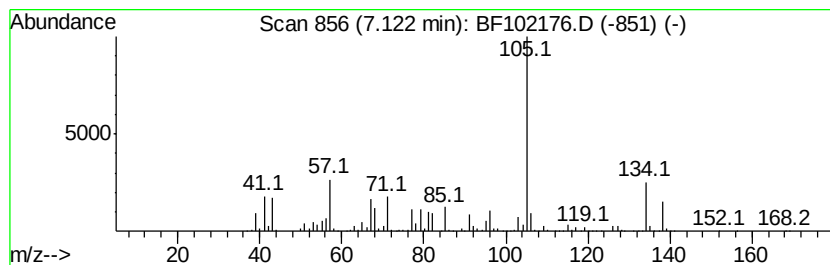
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	51.41 ng	2762710	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	56
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
3		Decane, 3-methyl-	156	C11H24	013151-34-3	46
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	35
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25



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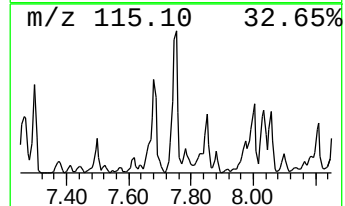
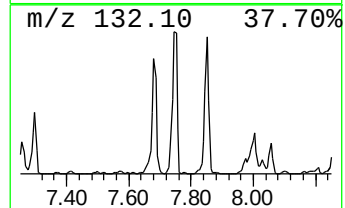
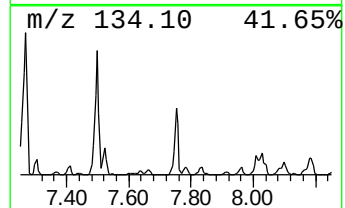
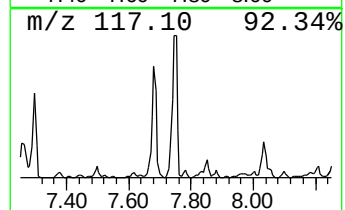
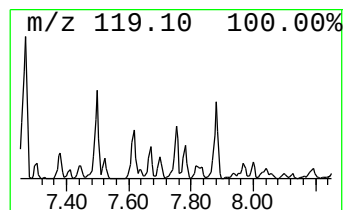
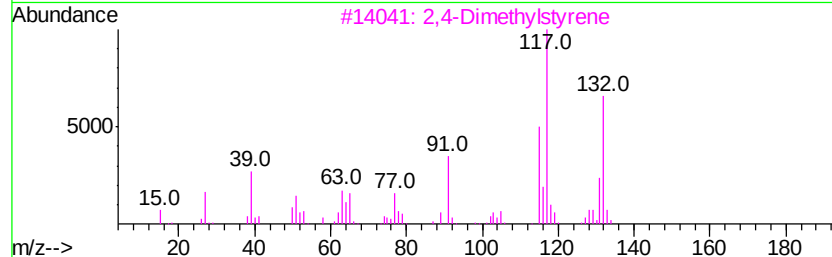
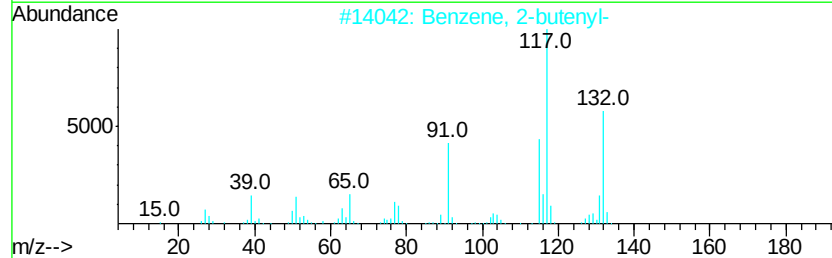
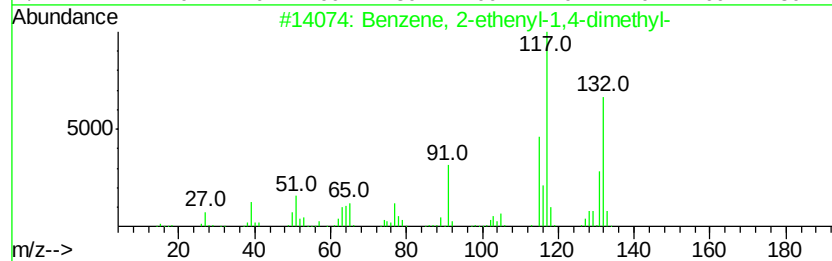
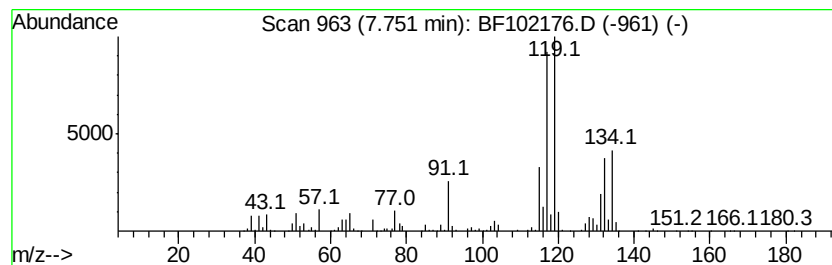
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	41.80 ng	5796970	Napthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	74
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	51



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Misc :
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ClientSampled :
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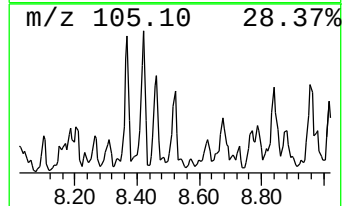
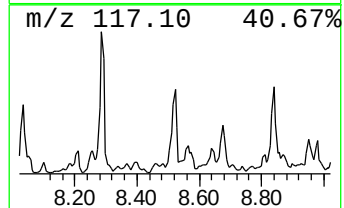
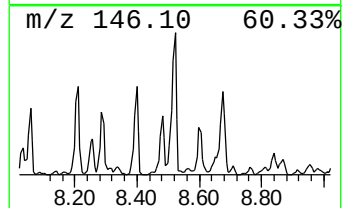
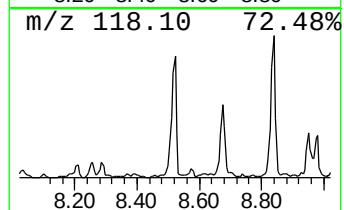
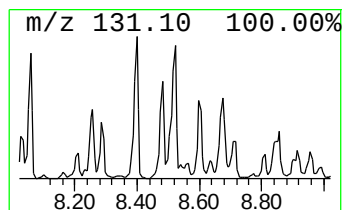
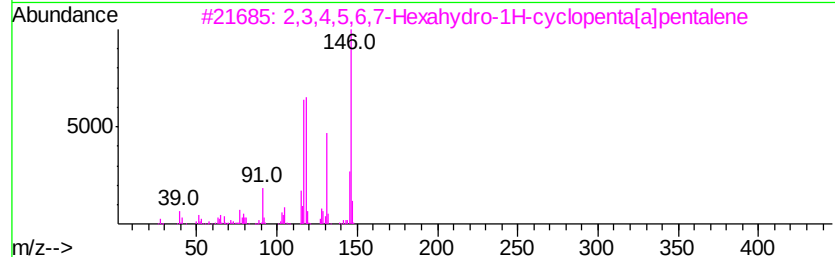
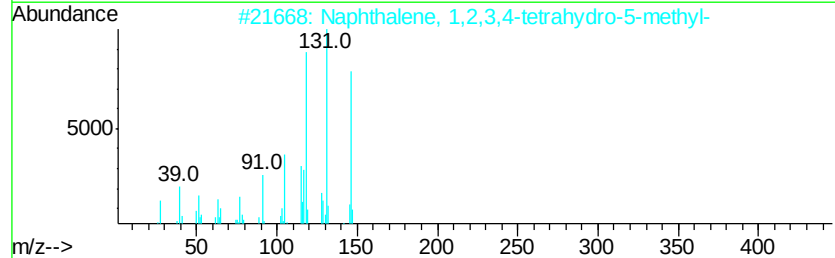
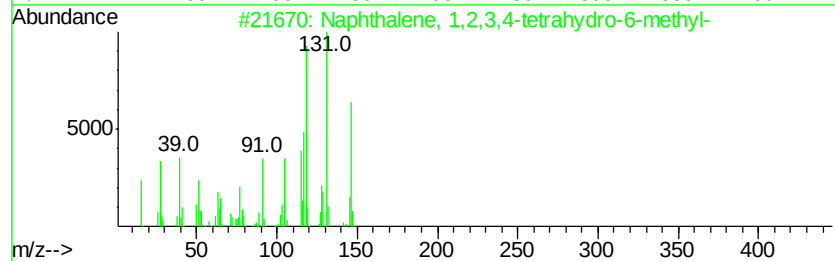
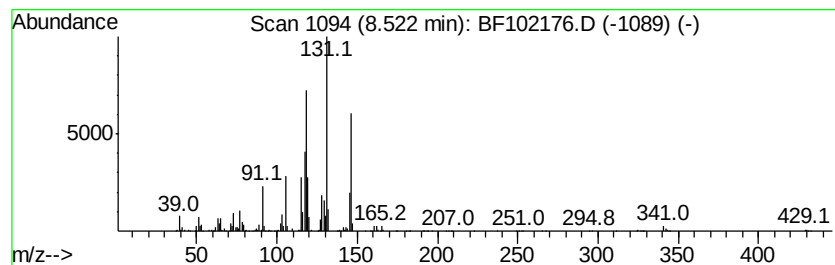
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	33.38 ng	4629170	Naphthalene-d8	8.01

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	90
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	72
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	68
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102176.D
Acq On : 18 Jan 2018 4:09
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Instrument :
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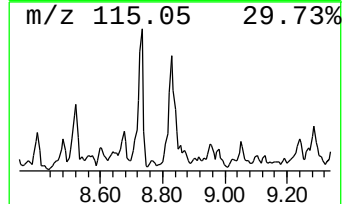
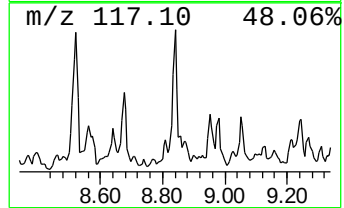
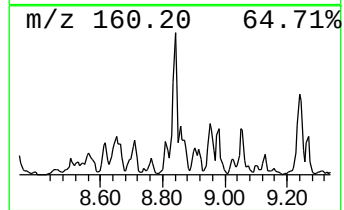
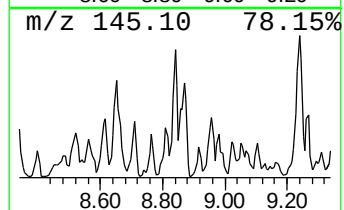
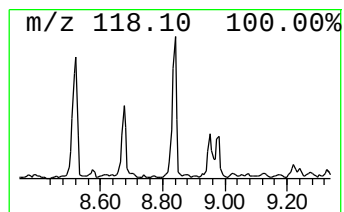
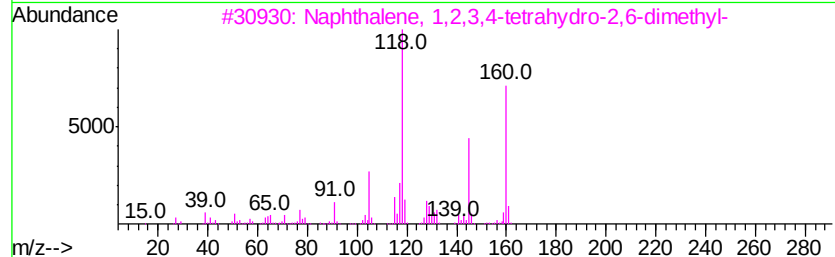
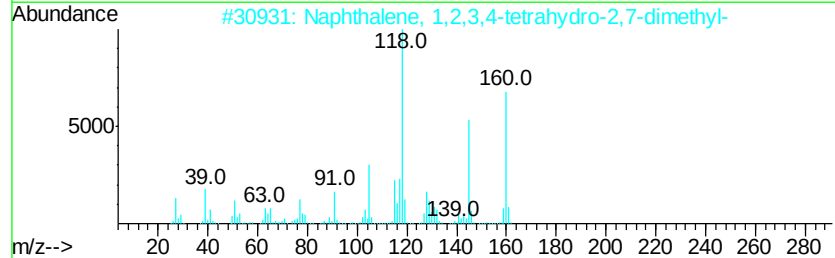
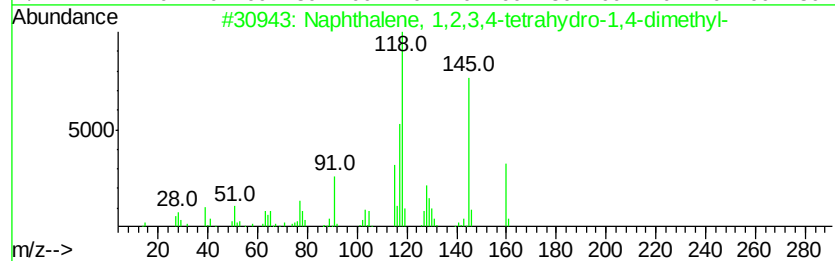
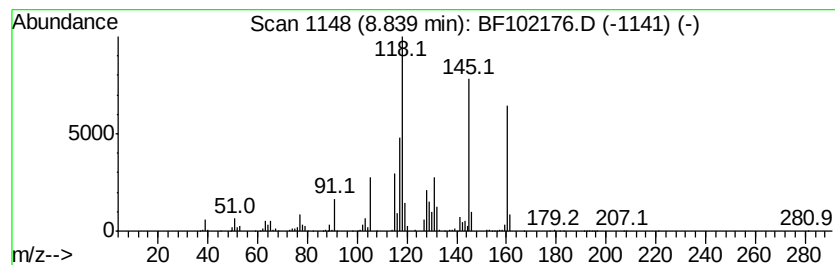
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	41.51 ng	5757640	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	004175-54-6	96
2		Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	013065-07-1	83
3		Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	007524-63-2	81
4		Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	62
5		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	53



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102176.D
Acq On : 18 Jan 2018 4:09
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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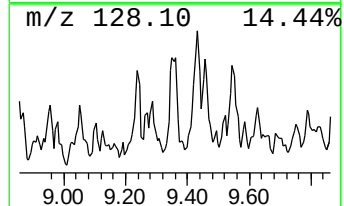
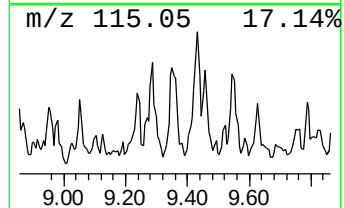
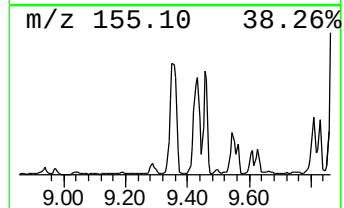
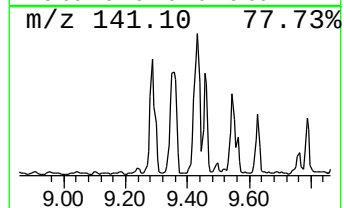
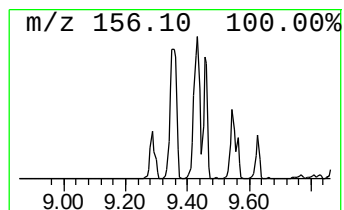
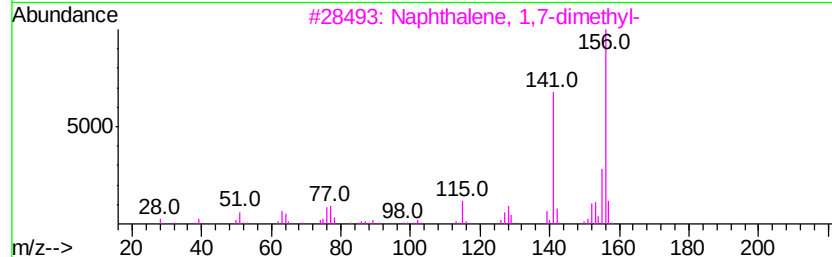
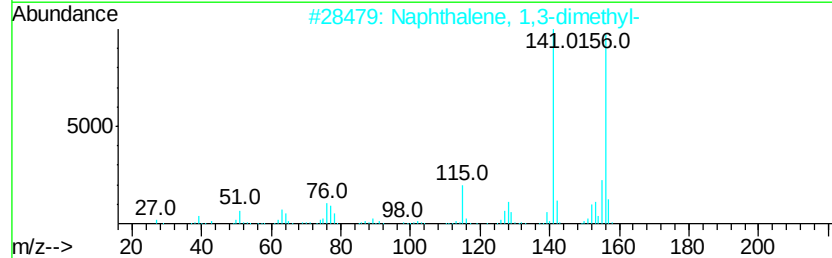
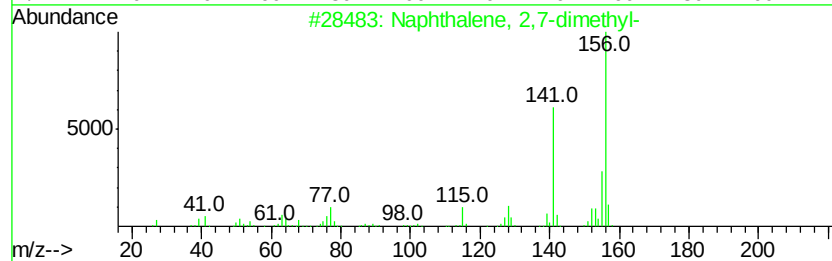
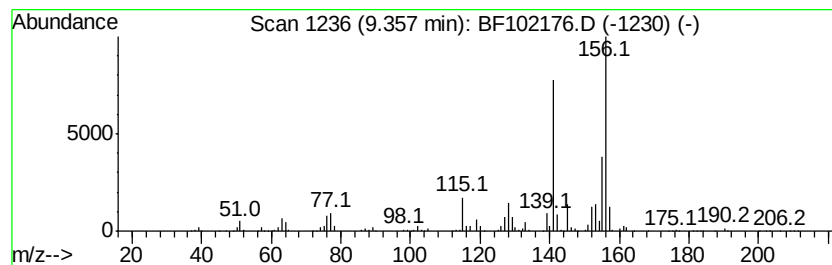
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	35.15 ng	4282510	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



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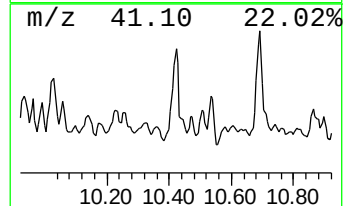
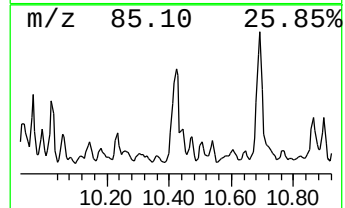
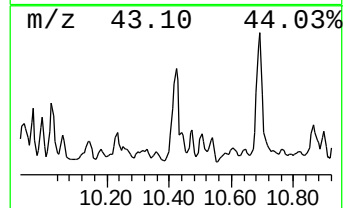
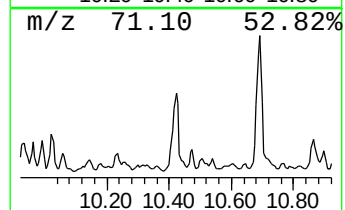
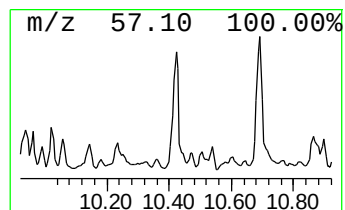
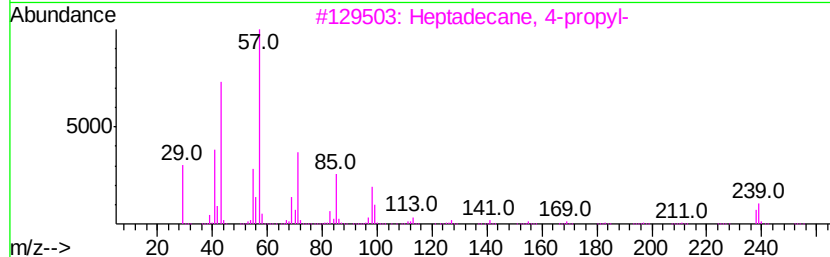
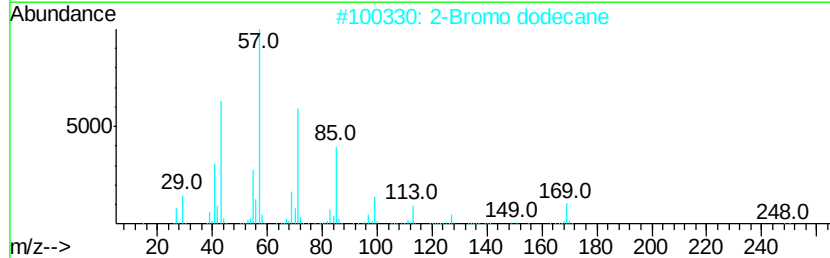
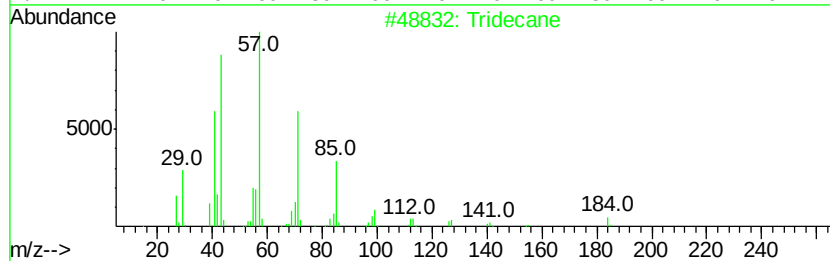
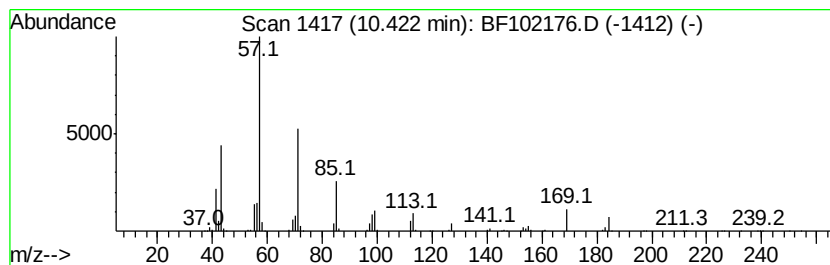
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	36.33 ng	4425850	Acenaphthene-d10	9.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Heptadecane, 4-propyl-	282	C20H42	055044-10-5	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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ALS Vial : 29 Sample Multiplier: 1

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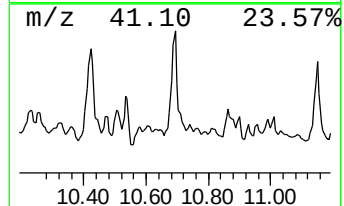
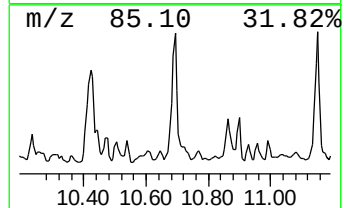
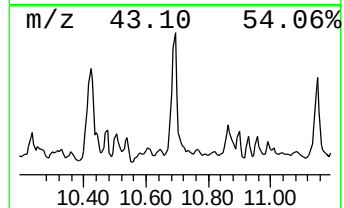
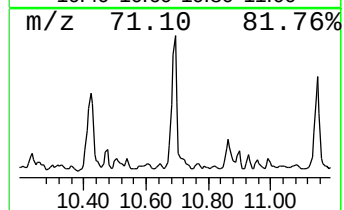
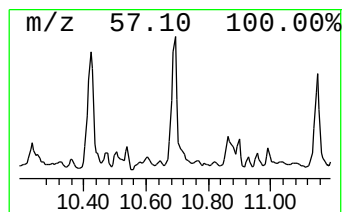
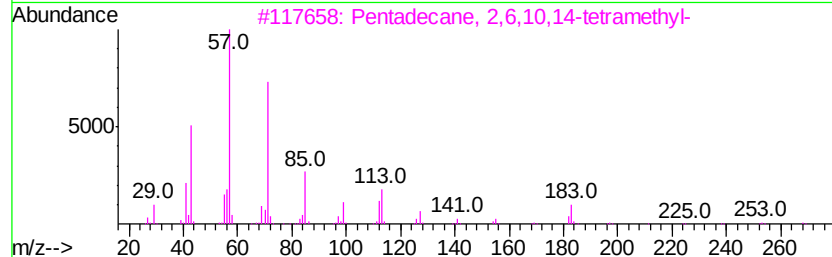
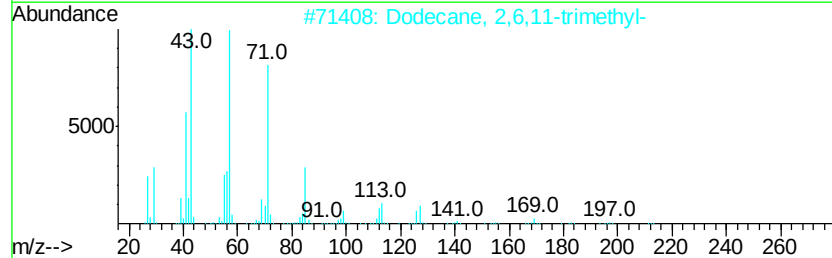
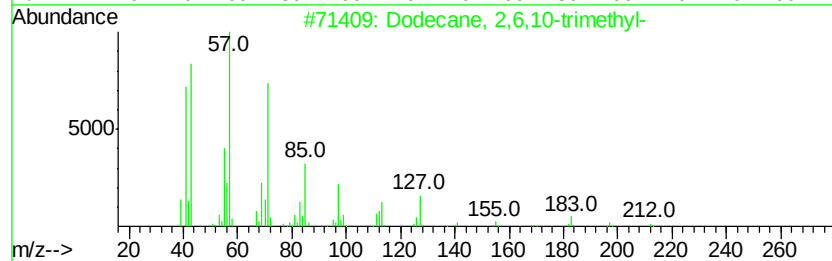
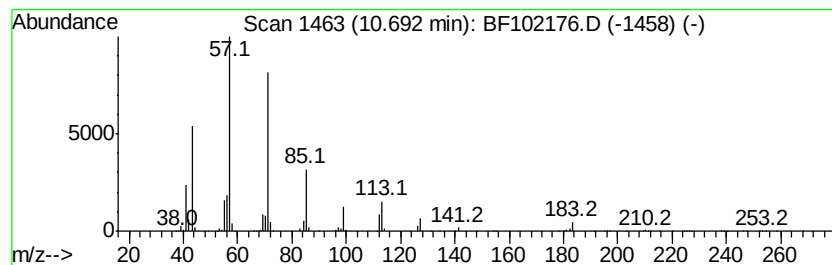
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	87.58 ng	5245270	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	81
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
 Data File : BF102176.D
 Acq On : 18 Jan 2018 4:09
 Operator : SJ/JU
 Sample : J1144-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-3

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
Nonane, 3-methyl-	5.96	33.5	ng	1800570	1	6.72	1074680	20.0
11-Tricosene	6.16	35.9	ng	1928280	1	6.72	1074680	20.0
Decane, 2,5,6-tri...	6.22	54.3	ng	2918770	1	6.72	1074680	20.0
Nonane, 2-methyl-	6.25	31.8	ng	1709130	1	6.72	1074680	20.0
unknown6.49	6.49	104.8	ng	5630900	1	6.72	1074680	20.0
Hexadecane	6.56	36.2	ng	1947150	1	6.72	1074680	20.0
Indane	6.90	39.2	ng	2105350	1	6.72	1074680	20.0
Benzene, 1,3-diet...	6.97	53.9	ng	2896840	1	6.72	1074680	20.0
Benzene, 1,2-diet...	7.05	56.7	ng	3045000	1	6.72	1074680	20.0
Nonane, 3,7-dimet...	7.07	32.7	ng	1758770	1	6.72	1074680	20.0
Benzene, 1-methyl...	7.12	51.4	ng	2762710	1	6.72	1074680	20.0
Benzene, 2-etheny...	7.75	41.8	ng	5796970	2	8.01	2773860	20.0
Naphthalene, 1,2,...	8.52	33.4	ng	4629170	2	8.01	2773860	20.0
Naphthalene, 1,2,...	8.84	41.5	ng	5757640	2	8.01	2773860	20.0
Naphthalene, 2,7-...	9.36	35.1	ng	4282510	3	9.77	2436790	20.0
Tridecane	10.42	36.3	ng	4425850	3	9.77	2436790	20.0
Dodecane, 2,6,10-...	10.69	87.6	ng	5245270	4	11.25	1197880	20.0