

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
 Data File : BF101831.D
 Acq On : 29 Dec 2017 16:12
 Operator : SJ/JU
 Sample : I7023-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-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-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	561	564	582	rVV	2102187	3099429	56.52%	2.075%
2	6.010	662	667	673	rBV2	854926	1331518	24.28%	0.892%
3	6.204	694	700	703	rBV	507390	633483	11.55%	0.424%
4	6.239	703	706	708	rBV2	351943	414420	7.56%	0.278%
5	6.263	708	710	713	rVB	768459	571578	10.42%	0.383%
6	6.298	713	716	724	rBV4	642045	1036968	18.91%	0.694%
7	6.433	734	739	743	rBV	2631730	3020001	55.07%	2.022%
8	6.510	747	752	756	rBV4	471474	754295	13.76%	0.505%
9	6.557	756	760	765	rVB	2835693	3166579	57.75%	2.120%
10	6.604	765	768	770	rBV2	570209	606394	11.06%	0.406%
11	6.710	779	786	787	rBV5	242297	462588	8.44%	0.310%
12	6.780	795	798	803	rBV3	1842494	1631555	29.75%	1.093%
13	6.833	803	807	809	rVB3	416966	496272	9.05%	0.332%
14	6.916	818	821	823	rBV	1293733	1310309	23.89%	0.877%
15	6.939	823	825	832	rVB	2284260	2496377	45.52%	1.672%
16	7.045	837	843	846	rBV4	1172898	1865414	34.02%	1.249%
17	7.074	846	848	850	rBV	548893	399136	7.28%	0.267%
18	7.098	850	852	854	rBV	693210	562802	10.26%	0.377%
19	7.169	858	864	866	rBV3	909474	1122559	20.47%	0.752%
20	7.192	866	868	874	rVB3	380010	519273	9.47%	0.348%
21	7.245	874	877	879	rBV2	503492	530537	9.67%	0.355%
22	7.310	882	888	891	rBV2	1656591	1957798	35.70%	1.311%
23	7.357	891	896	901	rVB3	2078263	2933855	53.50%	1.965%
24	7.421	901	907	910	rBV4	1330419	2187262	39.89%	1.465%
25	7.469	910	915	921	rBV6	946740	2147398	39.16%	1.438%
26	7.527	921	925	926	rBV2	394894	409537	7.47%	0.274%
27	7.551	926	929	931	rBV	1578098	1282744	23.39%	0.859%
28	7.580	931	934	936	rVB	1143526	1034416	18.86%	0.693%
29	7.674	943	950	952	rBV5	1387079	2419576	44.12%	1.620%
30	7.733	958	960	964	rVB2	1350349	1468233	26.77%	0.983%
31	7.774	964	967	969	rBV2	410080	491369	8.96%	0.329%
32	7.804	969	972	975	rBV3	1475747	1524485	27.80%	1.021%
33	7.874	981	984	987	rBV2	868380	1034601	18.87%	0.693%
34	7.904	987	989	991	rVB	654730	435879	7.95%	0.292%

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35	7.933	991	994	997	rVB	1282534	1185717	21.62%	0.794%
36	7.963	997	999	1001	rBV	480667	395892	7.22%	0.265%
37	8.016	1002	1008	1009	rBV4	1060570	1755336	32.01%	1.175%
38	8.051	1012	1014	1016	rVV	1415722	1656196	30.20%	1.109%
39	8.092	1016	1021	1022	rVV4	1634784	2822743	51.48%	1.890%
40	8.121	1022	1026	1028	rVB2	3196918	4045329	73.77%	2.709%
41	8.151	1028	1031	1033	rBV3	1226981	1358780	24.78%	0.910%
42	8.216	1038	1042	1044	rBV3	945001	1231448	22.46%	0.825%
43	8.263	1047	1050	1052	rVB3	1466947	1335882	24.36%	0.895%
44	8.316	1056	1059	1060	rBV2	532245	513677	9.37%	0.344%
45	8.351	1061	1065	1070	rVB4	1862439	2708539	49.39%	1.814%
46	8.404	1071	1074	1078	rVB5	1110386	1387145	25.30%	0.929%
47	8.451	1078	1082	1084	rBV2	1020106	1264905	23.07%	0.847%
48	8.486	1084	1088	1090	rBV	2849947	3130530	57.09%	2.096%
49	8.574	1099	1103	1105	rBV2	1689249	1773791	32.35%	1.188%
50	8.598	1105	1107	1110	rVB4	744030	755367	13.77%	0.506%
51	8.657	1114	1117	1120	rBV3	735019	1012861	18.47%	0.678%
52	8.792	1136	1140	1142	rBV	2574230	2565901	46.79%	1.718%
53	8.845	1146	1149	1151	rBV4	516448	736401	13.43%	0.493%
54	8.892	1154	1157	1159	rVV	2556616	2502714	45.64%	1.676%
55	8.933	1162	1164	1166	rVV2	836076	853914	15.57%	0.572%
56	8.968	1168	1170	1175	rVB4	1254064	1442089	26.30%	0.966%
57	9.010	1175	1177	1180	rBV3	756784	727665	13.27%	0.487%
58	9.086	1186	1190	1192	rBV	2675608	2689497	49.05%	1.801%
59	9.145	1197	1200	1204	rVB2	2065497	2182665	39.80%	1.462%
60	9.227	1209	1214	1216	rBV3	1021663	1613241	29.42%	1.080%
61	9.292	1223	1225	1228	rVB	1217875	1231567	22.46%	0.825%
62	9.345	1232	1234	1239	rVB	1127777	1325686	24.18%	0.888%
63	9.421	1242	1247	1250	rBV	2199182	3597470	65.60%	2.409%
64	9.492	1255	1259	1262	rVV	2252148	3558509	64.89%	2.383%
65	9.539	1262	1267	1270	rVV4	3092649	5191462	94.67%	3.476%
66	9.568	1270	1272	1275	rVV4	635788	641173	11.69%	0.429%
67	9.610	1276	1279	1286	rVB5	1726054	3394717	61.91%	2.273%
68	9.686	1289	1292	1295	rBV3	1083603	1105279	20.16%	0.740%
69	9.786	1306	1309	1310	rBV3	722532	724501	13.21%	0.485%
70	9.810	1310	1313	1315	rVV2	1045804	1114899	20.33%	0.747%
71	9.851	1318	1320	1322	rBV	562644	392415	7.16%	0.263%

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72	9.933	1330	1334	1338	rBV	1312256	2042162	37.24%	1.367%
73	9.974	1338	1341	1344	rVV5	613467	704175	12.84%	0.472%
74	10.004	1344	1346	1348	rVV2	855055	827516	15.09%	0.554%
75	10.033	1348	1351	1354	rVB2	1714634	1824402	33.27%	1.222%
76	10.074	1354	1358	1366	rVB4	2139458	2936907	53.56%	1.967%
77	10.145	1367	1370	1373	rBV	1348387	1596108	29.11%	1.069%
78	10.180	1373	1376	1380	rVB2	1602936	1796455	32.76%	1.203%
79	10.227	1381	1384	1387	rBV2	1133957	1668291	30.42%	1.117%
80	10.368	1406	1408	1410	rBV	496749	433438	7.90%	0.290%
81	10.462	1419	1424	1427	rBV2	2351523	3169266	57.79%	2.122%
82	10.515	1431	1433	1436	rBV3	498280	628758	11.47%	0.421%
83	10.633	1448	1453	1454	rBV4	946242	1198178	21.85%	0.802%
84	10.739	1465	1471	1477	rVB2	3423734	5483665	100.00%	3.672%
85	10.957	1506	1508	1511	rVB3	789347	695883	12.69%	0.466%
86	11.039	1520	1522	1523	rBV	528478	423399	7.72%	0.284%
87	11.192	1545	1548	1556	rVB2	2352996	3221210	58.74%	2.157%
88	11.321	1568	1570	1572	rVB	669624	518403	9.45%	0.347%
89	11.345	1572	1574	1582	rVB	909080	1341380	24.46%	0.898%
90	11.433	1586	1589	1592	rBV2	458133	419132	7.64%	0.281%
91	11.539	1604	1607	1610	rBV2	738478	646650	11.79%	0.433%
92	11.821	1653	1655	1658	rBV	483836	454021	8.28%	0.304%
93	11.851	1658	1660	1663	rVB	637377	552835	10.08%	0.370%
94	11.927	1671	1673	1676	rVV2	430298	437835	7.98%	0.293%
95	11.956	1676	1678	1682	rVB2	493467	533700	9.73%	0.357%
96	12.056	1692	1695	1698	rVB2	425139	444215	8.10%	0.297%
97	12.368	1745	1748	1751	rBV	429855	395759	7.22%	0.265%
98	12.898	1834	1838	1841	rVB	2102027	1940665	35.39%	1.300%
99	13.968	2015	2020	2024	rBV	828254	891071	16.25%	0.597%
100	15.439	2265	2270	2285	rVB	578558	825685	15.06%	0.553%

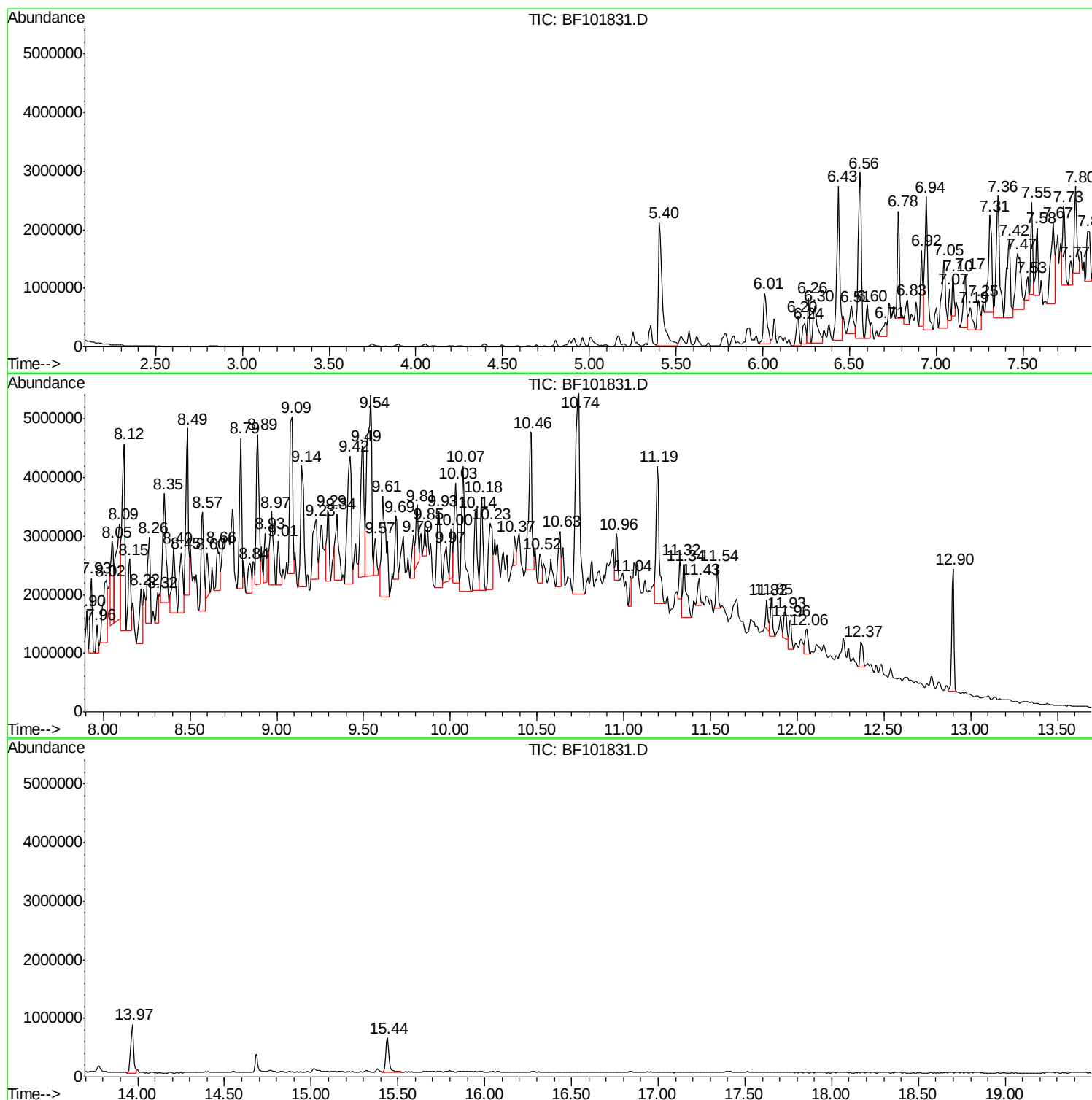
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Instrument :
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ClientSampled :
LB-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.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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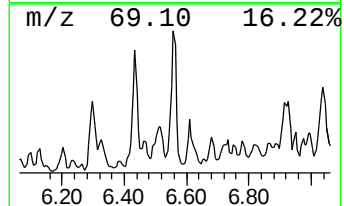
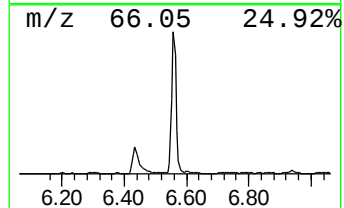
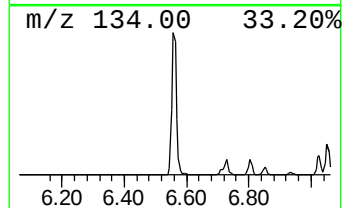
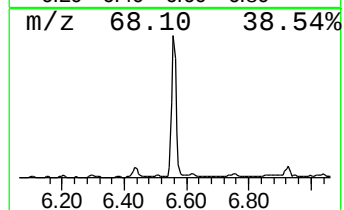
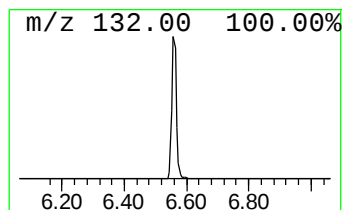
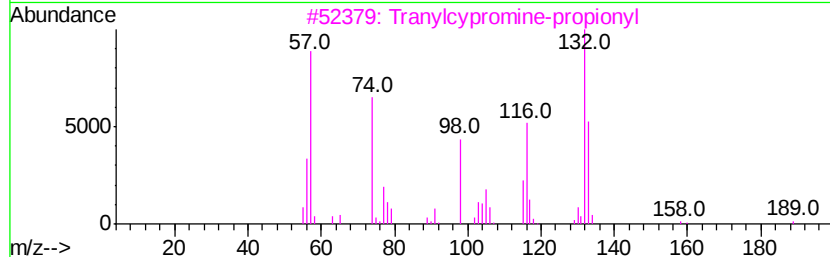
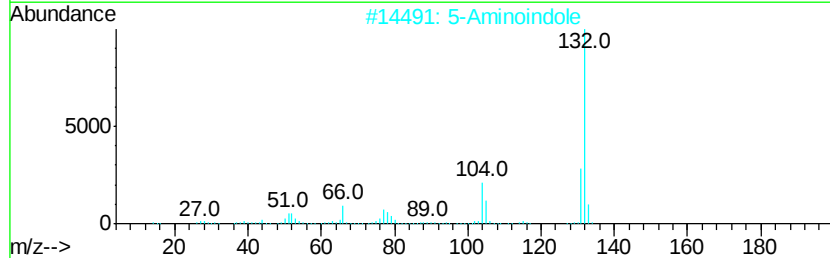
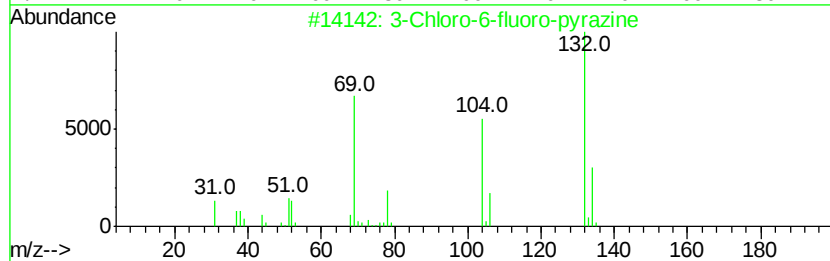
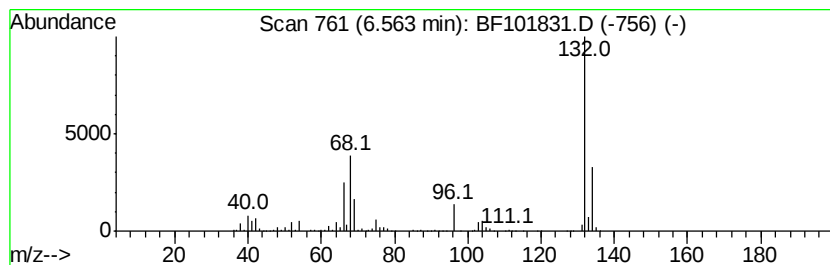
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	38.82 ng	3166580	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	Tranvlcvpromine-propionyl			189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-60-2	9



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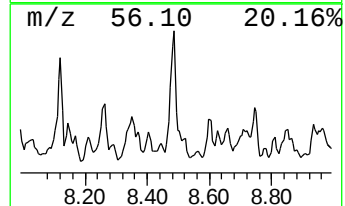
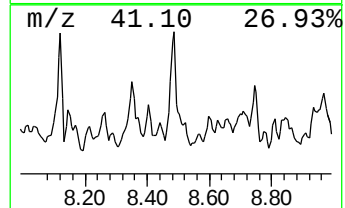
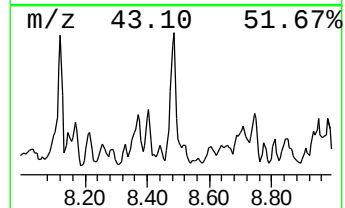
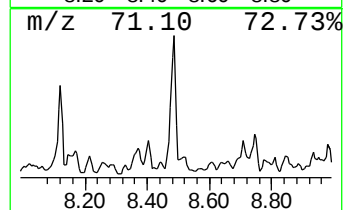
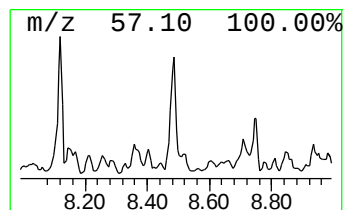
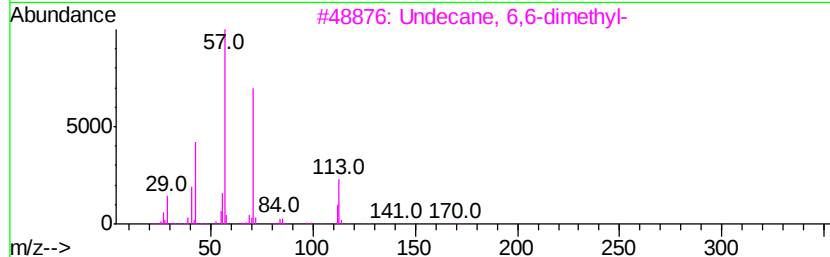
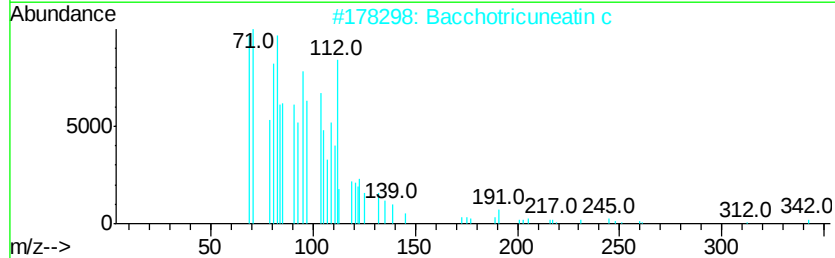
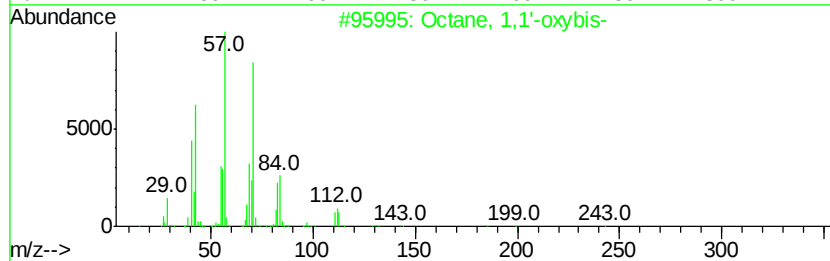
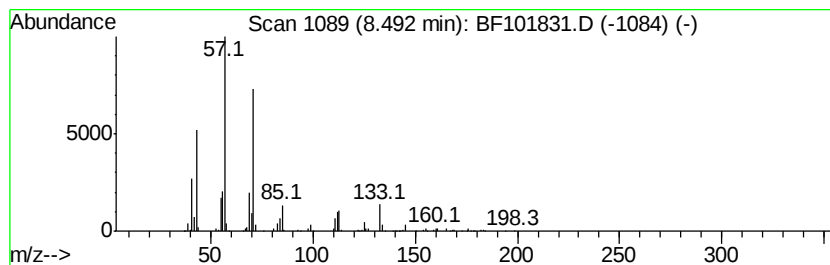
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 1,1'-oxybis- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	37.80 ng	3130530	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	78
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64



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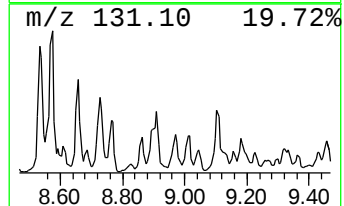
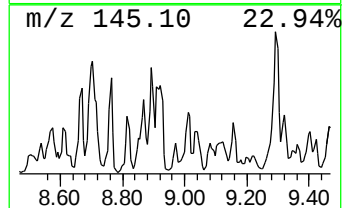
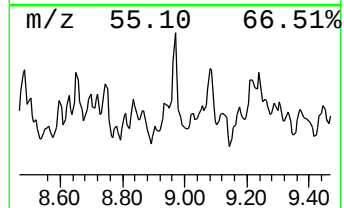
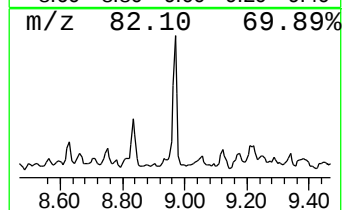
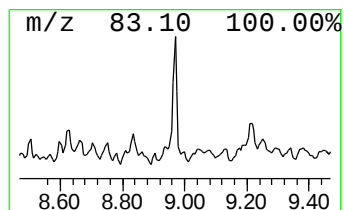
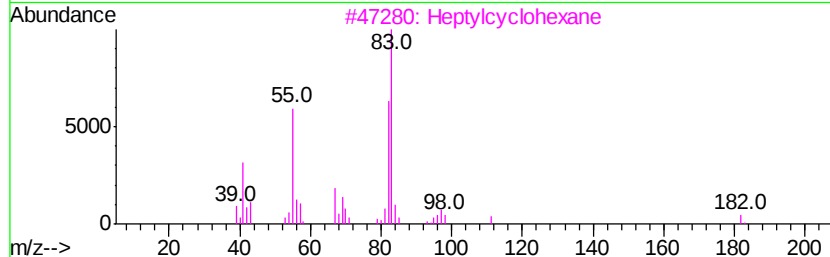
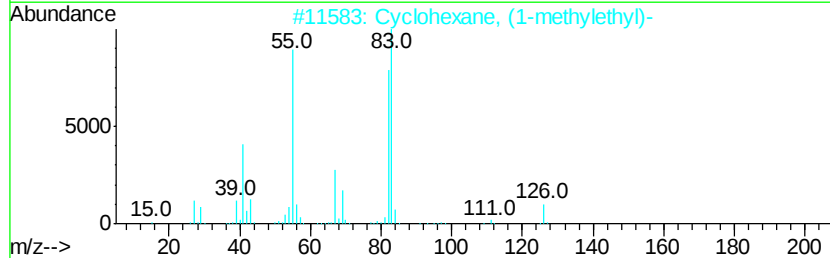
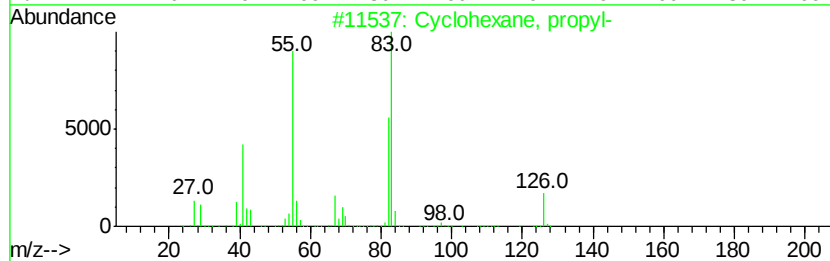
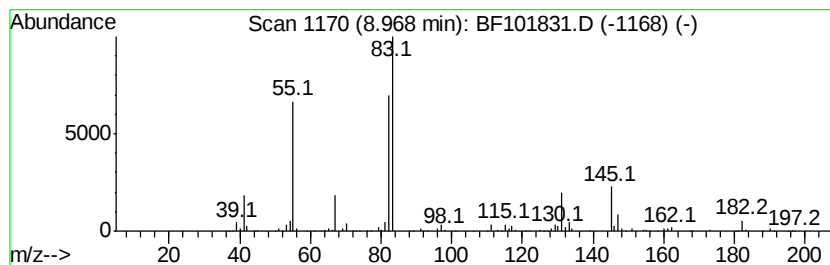
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	73.50 ng	1442090	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	53
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3			Heptylcyclohexane	182	C13H26	005617-41-4	53
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101831.D
Acq On : 29 Dec 2017 16:12
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Sample : I7023-05
Misc :
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Instrument :
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ClientSampleId :
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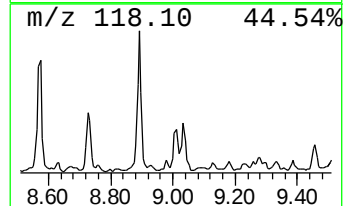
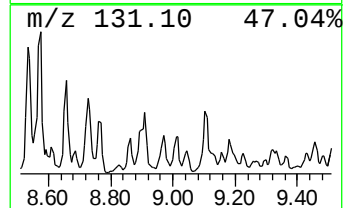
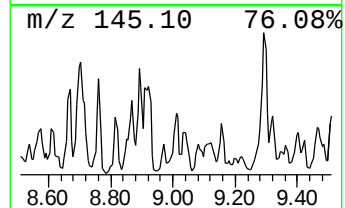
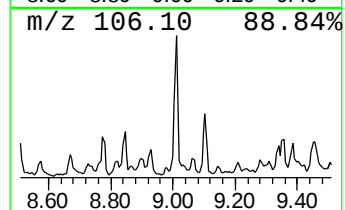
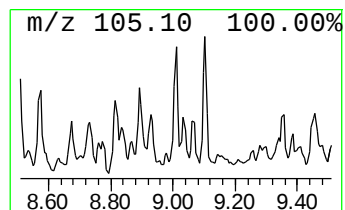
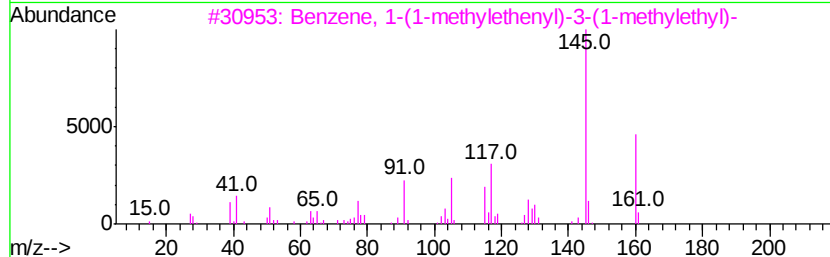
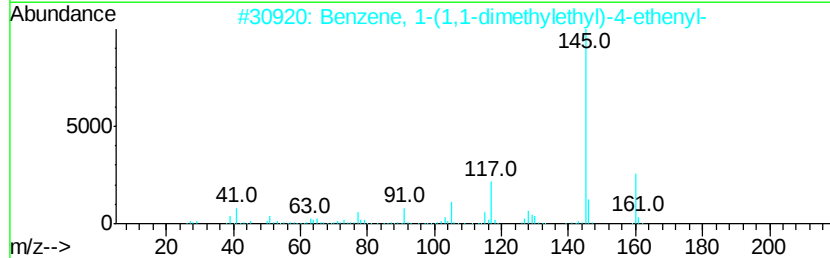
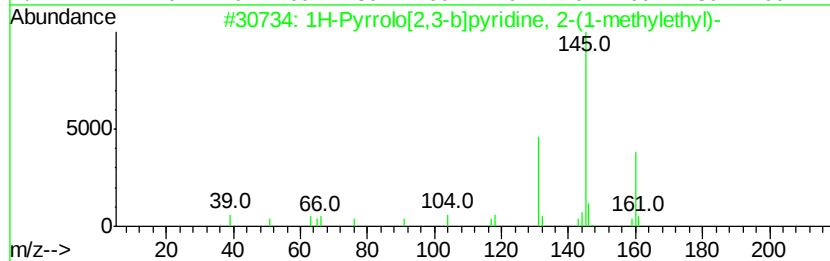
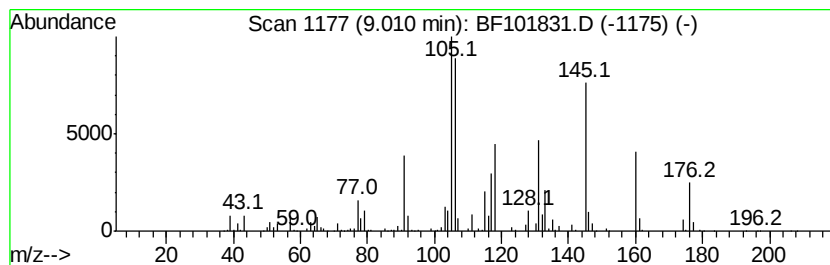
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	37.09 ng	727665	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	43
2		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	42
3		Benzene, 1-(1-methylethenvl)-3-(...	160	C12H16	001129-29-9	41
4		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	38
5		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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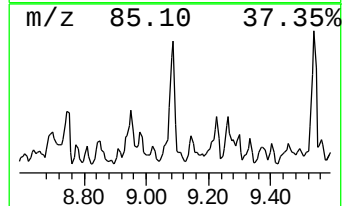
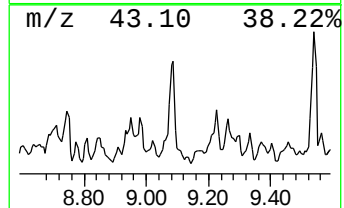
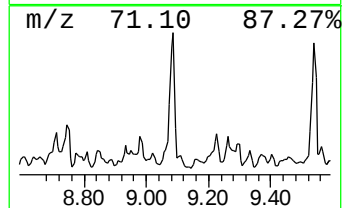
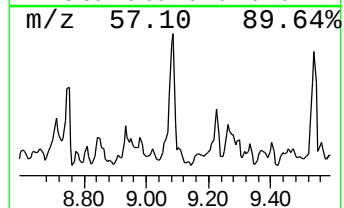
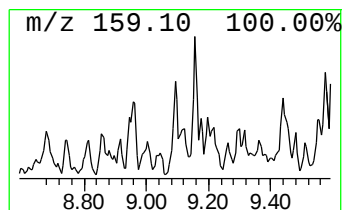
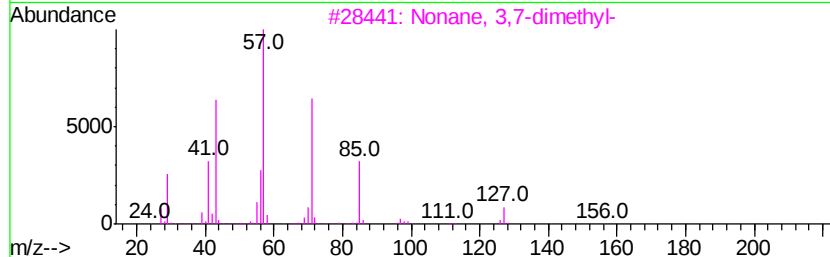
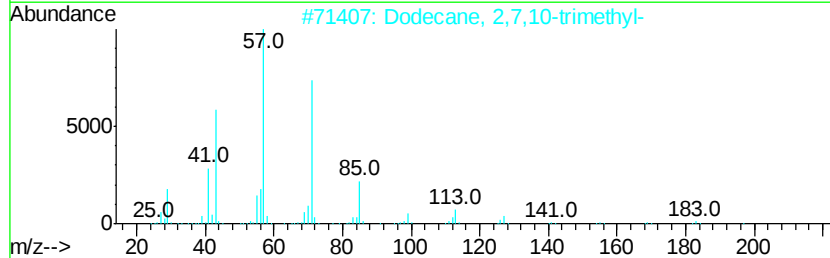
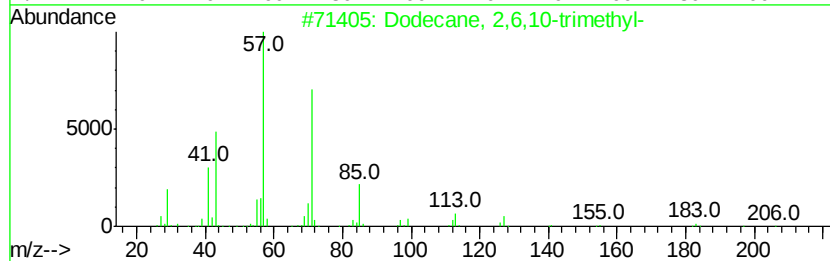
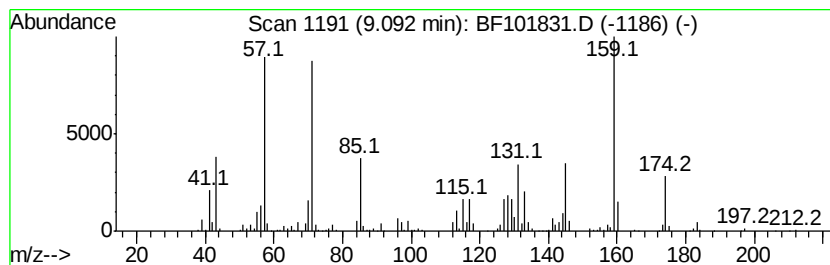
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	137.07 ng	2689500	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86	
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86	
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60	
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	59	
5	Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	53	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101831.D
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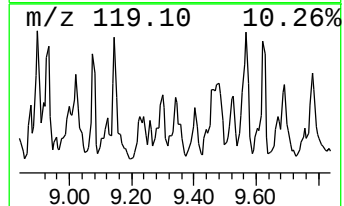
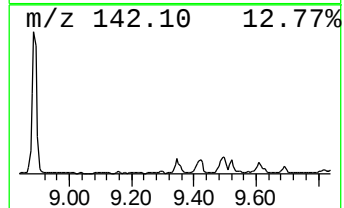
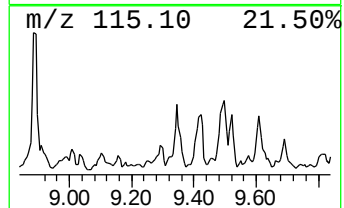
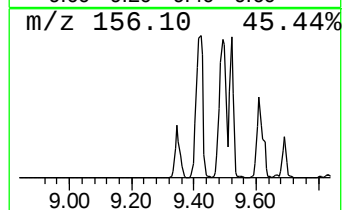
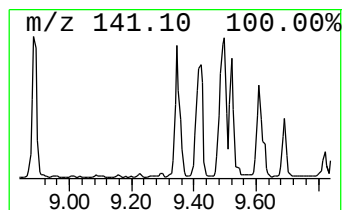
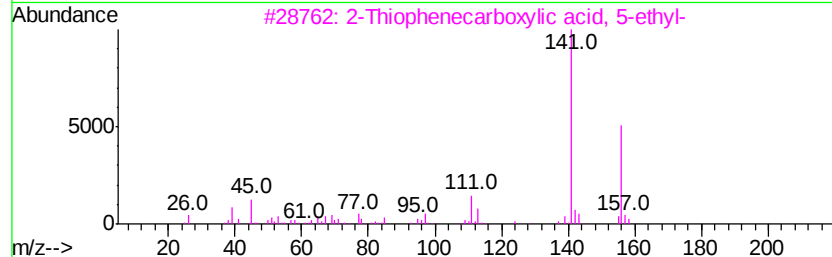
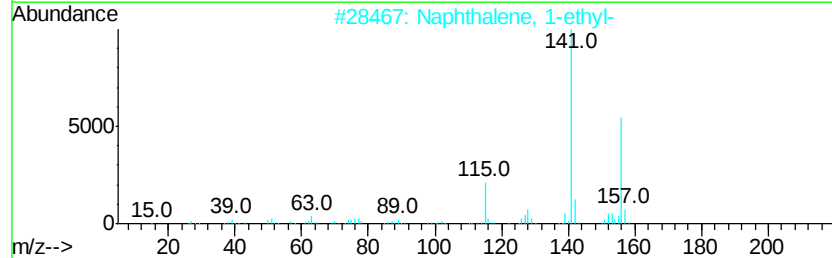
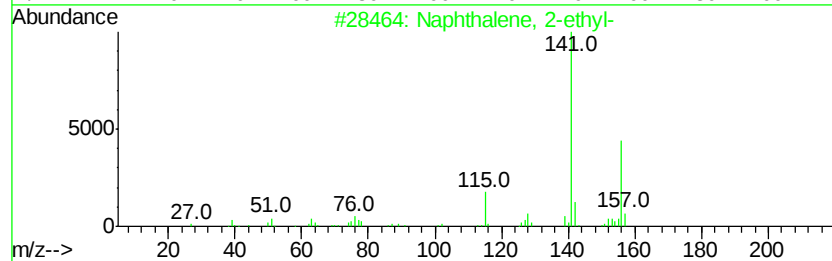
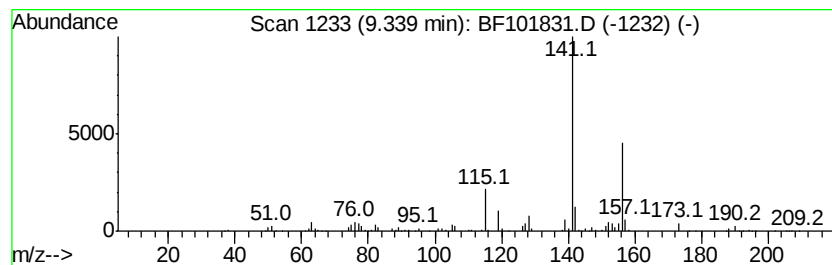
Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	67.57 ng	1325690	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
3		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 72
4		Naphthalene, 1-propyl-	170 C13H14	002765-18-6 53
5		Naphthalene, 2-butyl-	184 C14H16	001134-62-9 50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101831.D
Acq On : 29 Dec 2017 16:12
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Instrument :
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ClientSampleId :
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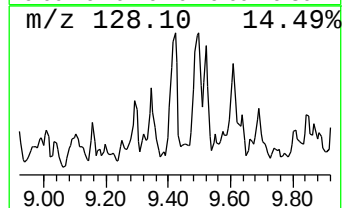
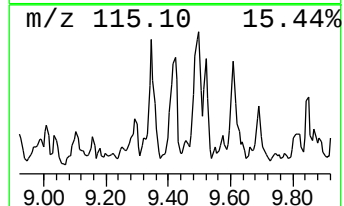
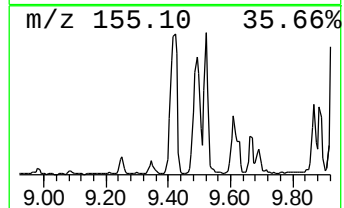
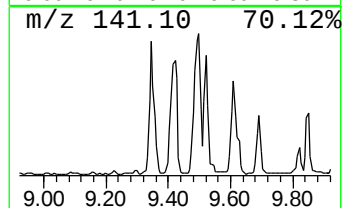
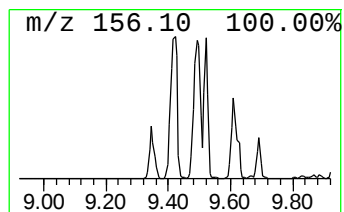
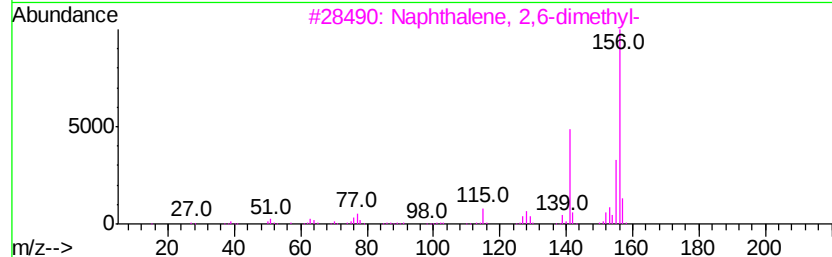
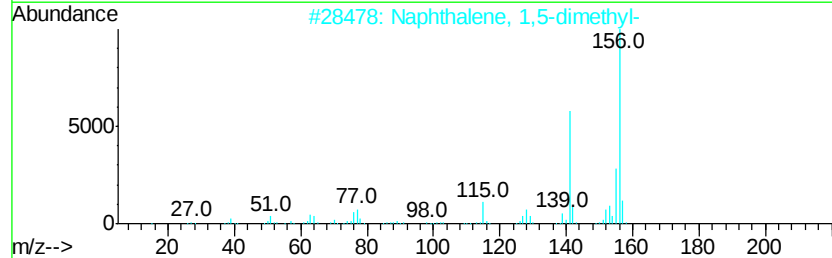
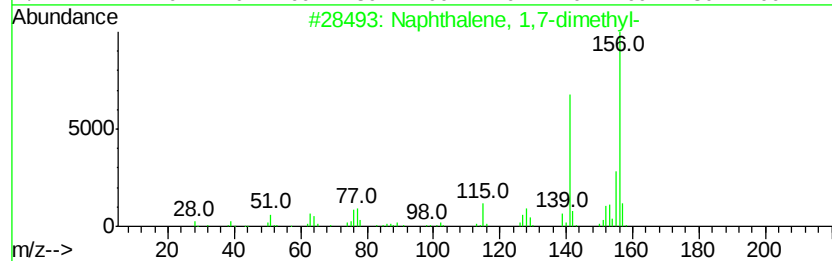
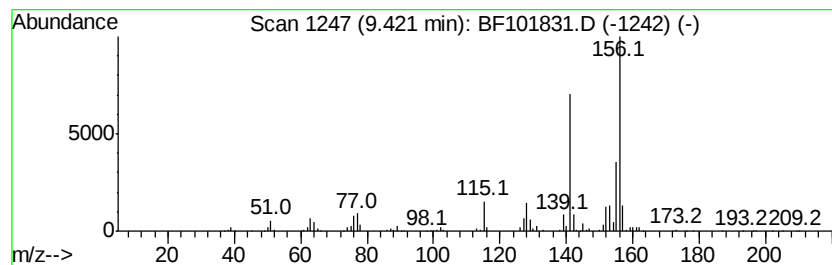
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	183.35 ng	3597470	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101831.D
Acq On : 29 Dec 2017 16:12
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ClientSampleId :
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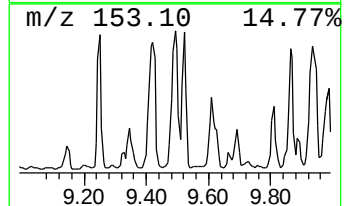
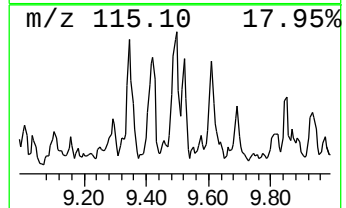
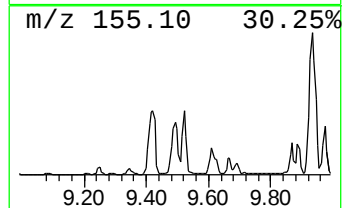
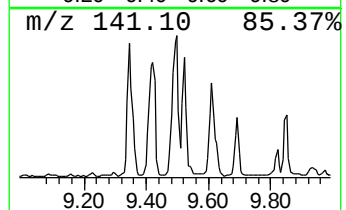
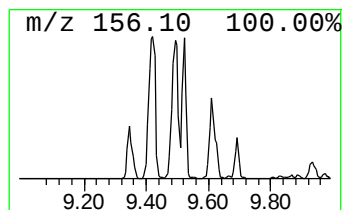
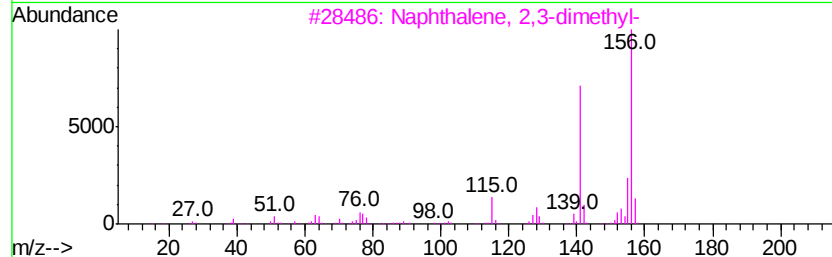
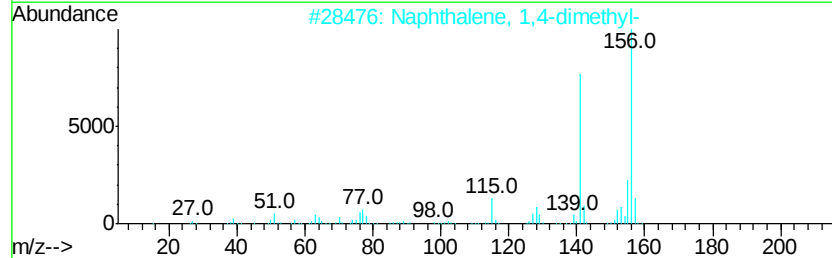
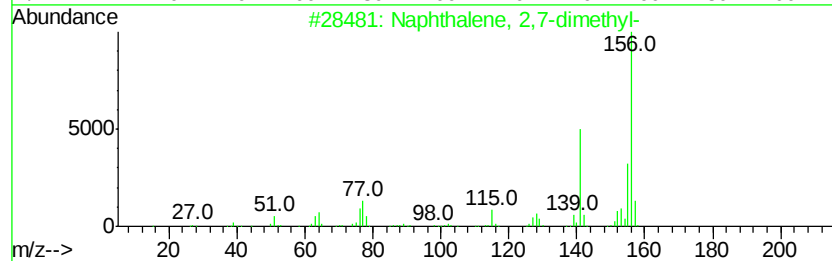
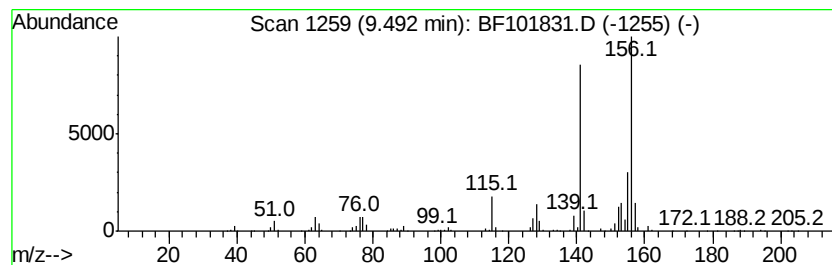
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	181.37 ng	3558510	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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Acq On : 29 Dec 2017 16:12
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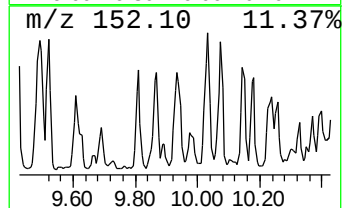
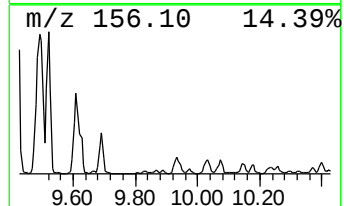
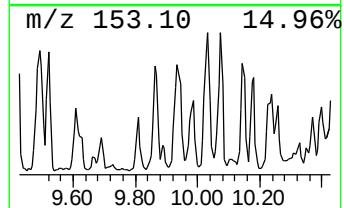
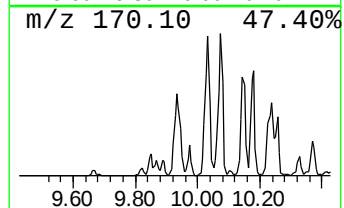
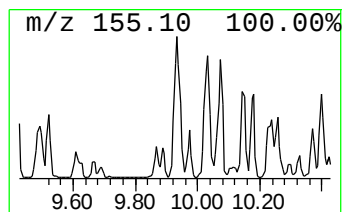
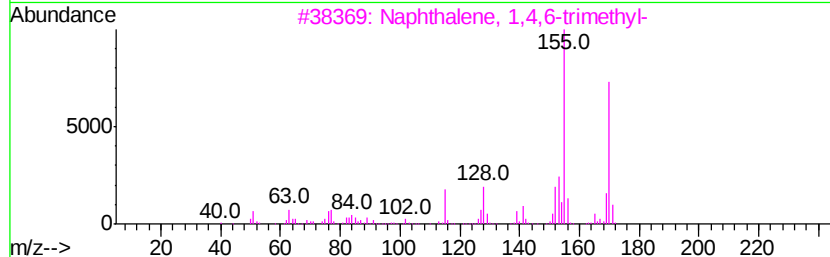
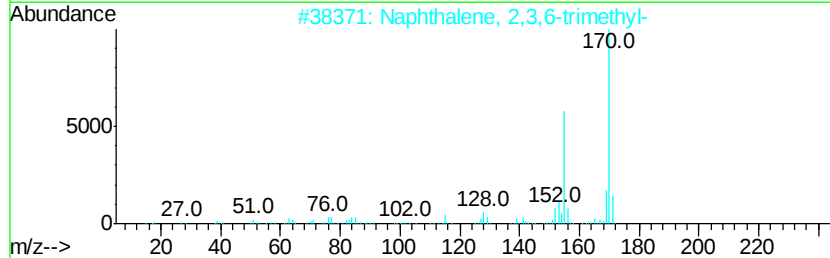
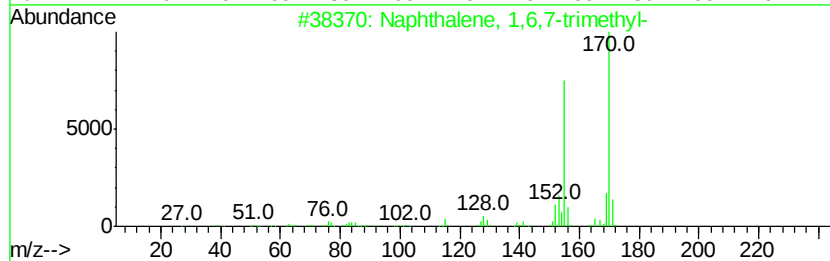
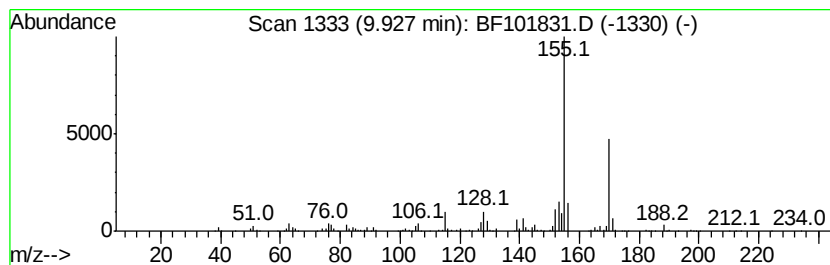
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	104.08 ng	2042160	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101831.D
Acq On : 29 Dec 2017 16:12
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Sample : I7023-05
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ALS Vial : 17 Sample Multiplier: 1

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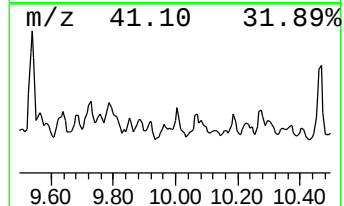
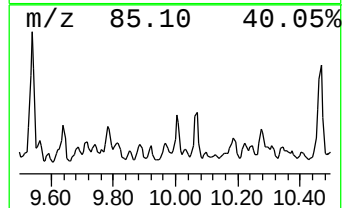
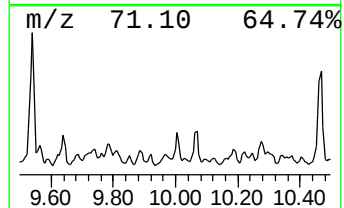
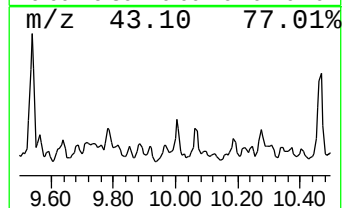
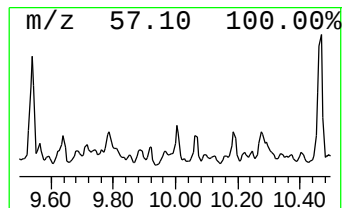
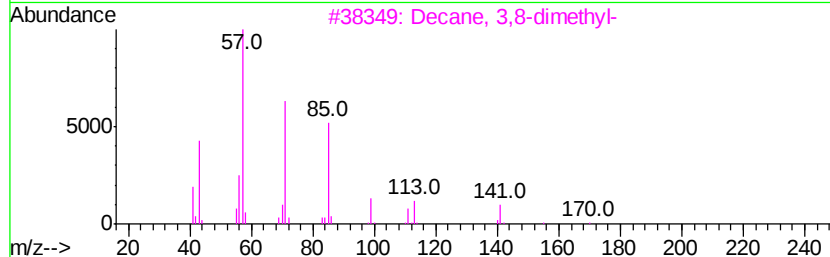
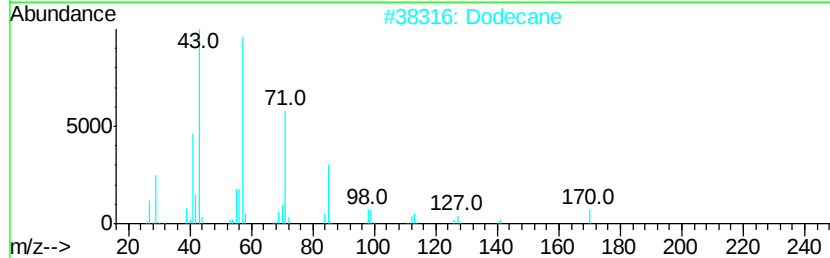
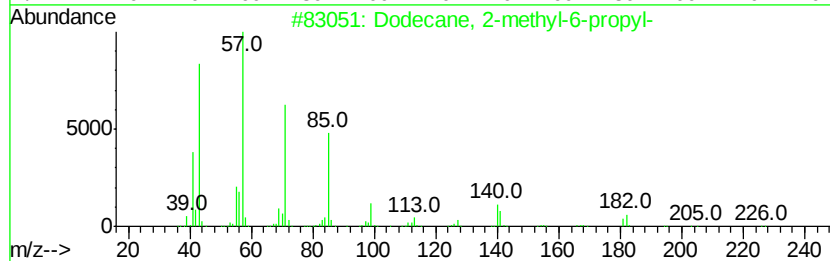
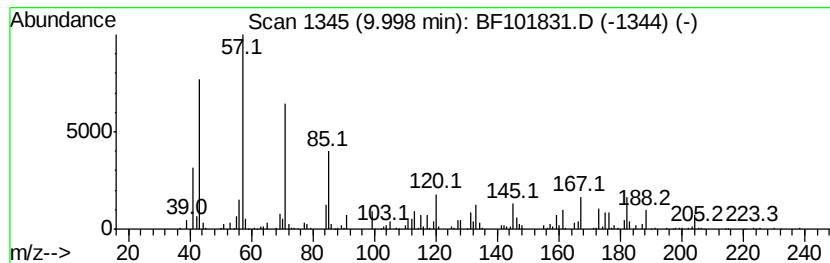
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	42.18 ng	827516	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
2		Dodecane	170	C12H26	000112-40-3	74
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
4		Undecane	156	C11H24	001120-21-4	64
5		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101831.D
Acq On : 29 Dec 2017 16:12
Operator : SJ/JU
Sample : I7023-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-4

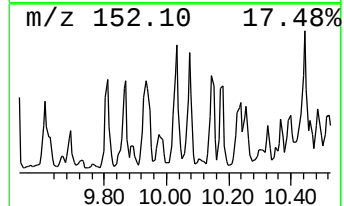
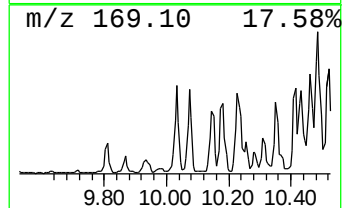
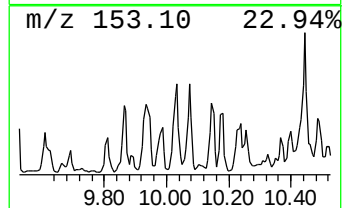
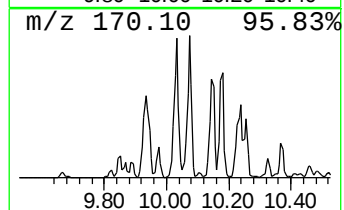
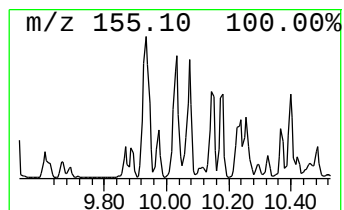
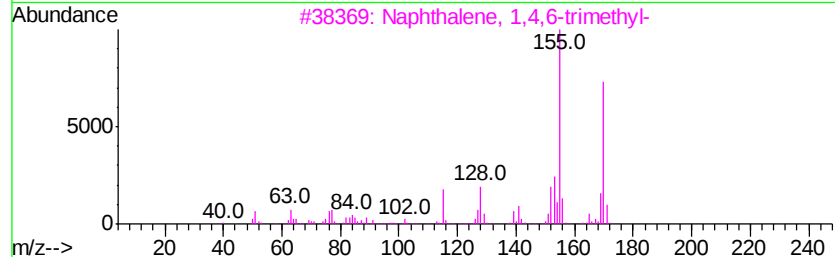
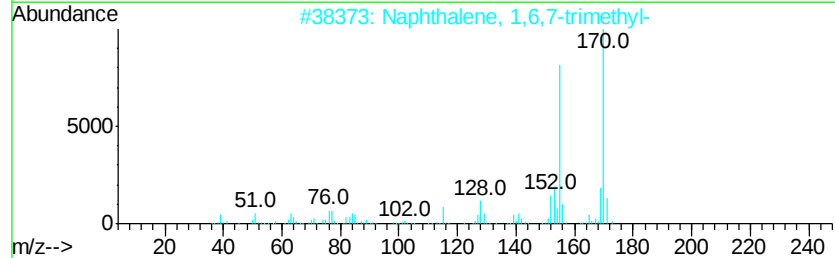
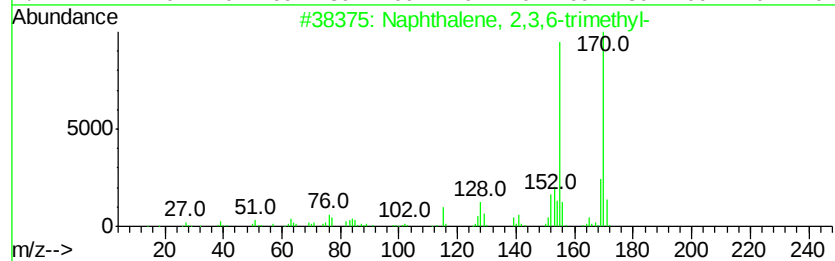
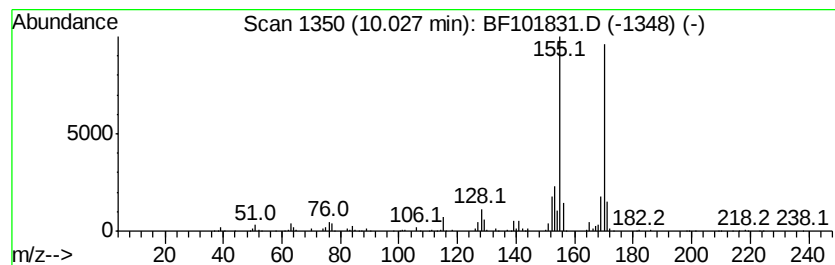
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	92.98 ng	1824400	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101831.D
Acq On : 29 Dec 2017 16:12
Operator : SJ/JU
Sample : I7023-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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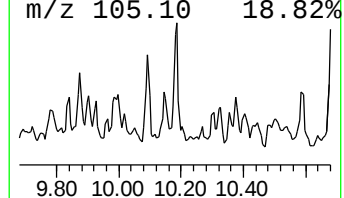
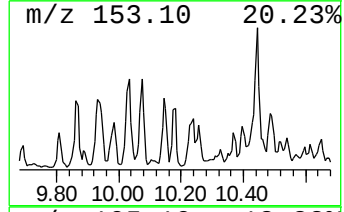
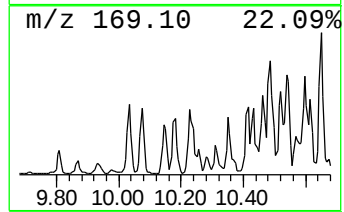
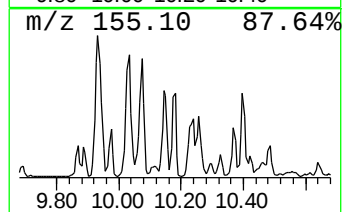
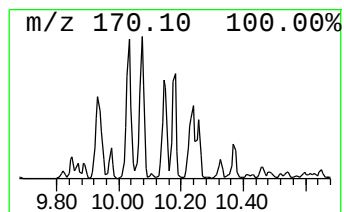
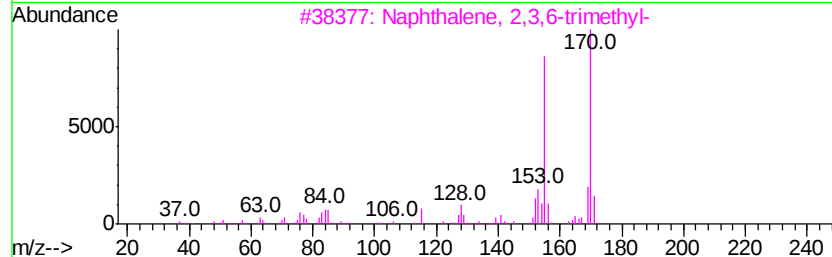
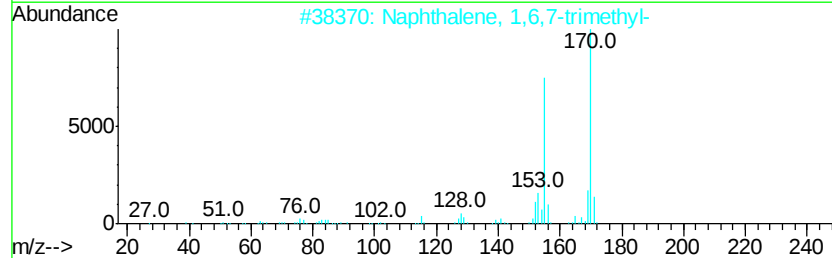
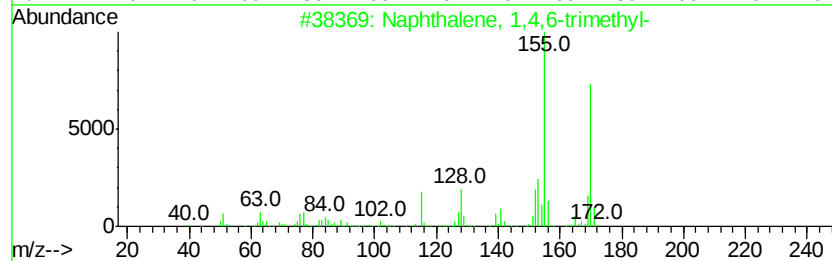
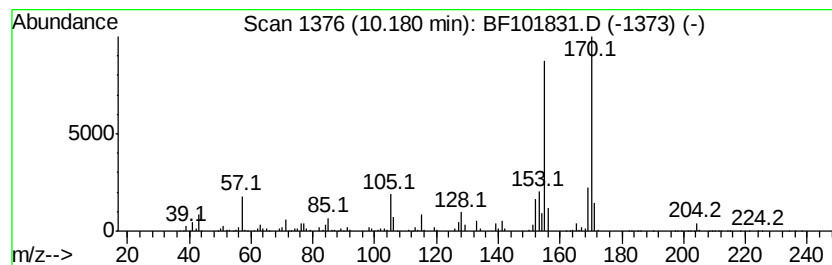
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	91.56 ng	1796460	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101831.D
Acq On : 29 Dec 2017 16:12
Operator : SJ/JU
Sample : I7023-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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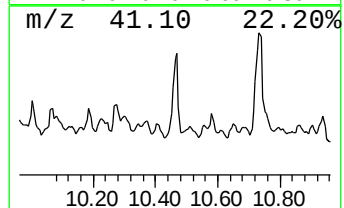
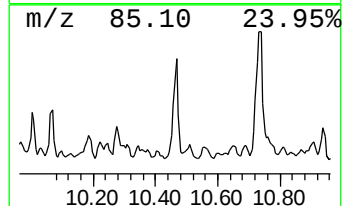
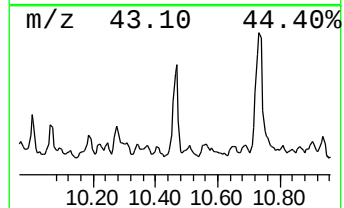
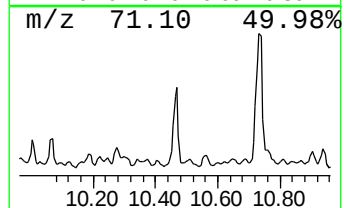
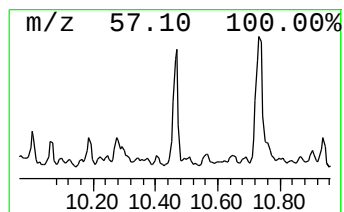
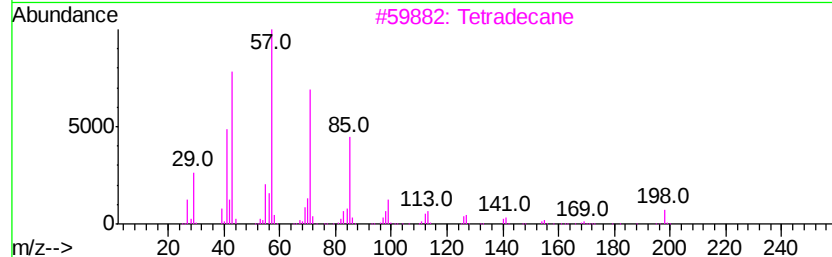
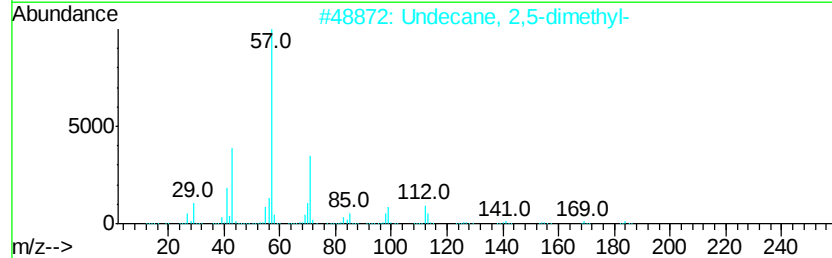
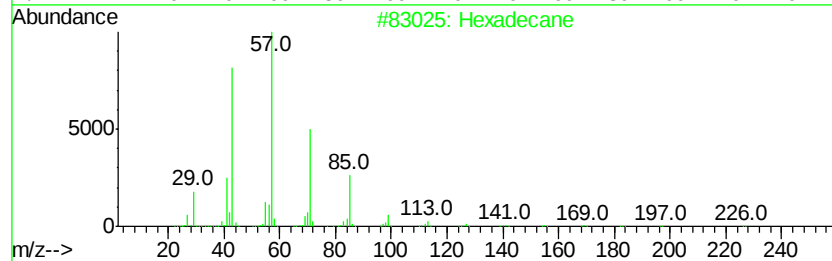
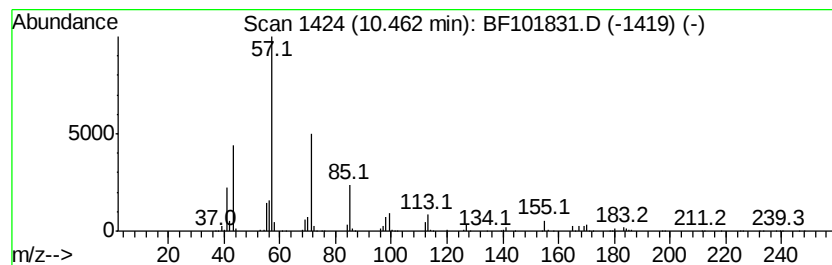
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	161.53 ng	3169270	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Tetradecane	198	C14H30	000629-59-4	76
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101831.D
Acq On : 29 Dec 2017 16:12
Operator : SJ/JU
Sample : I7023-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-4

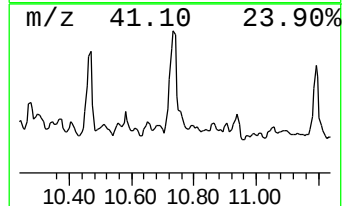
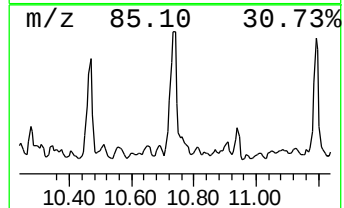
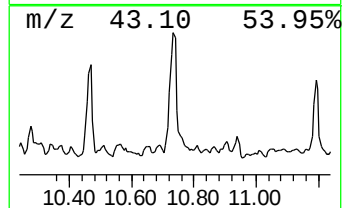
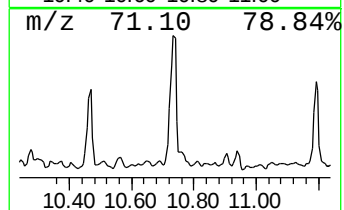
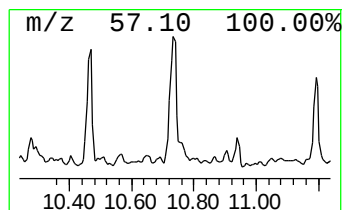
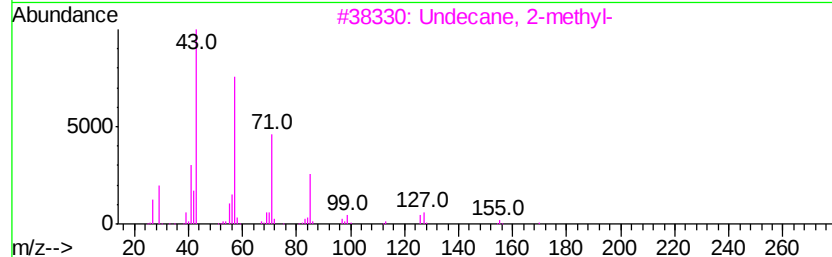
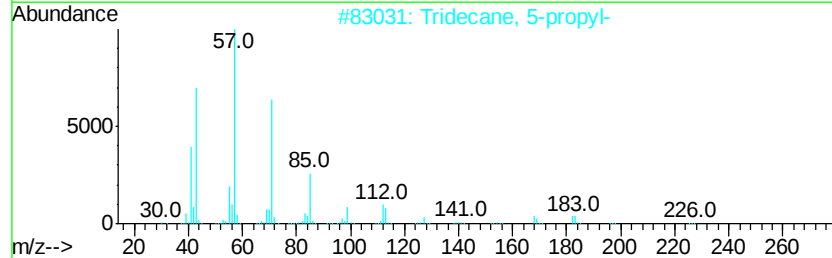
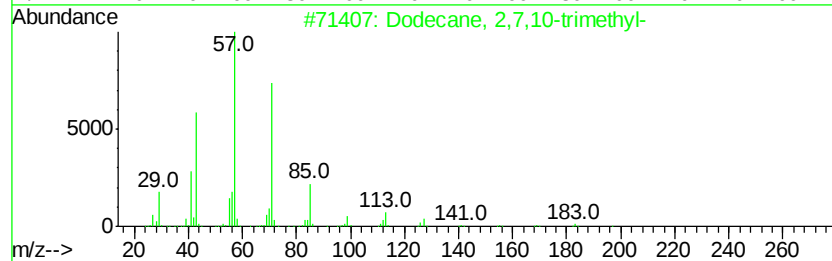
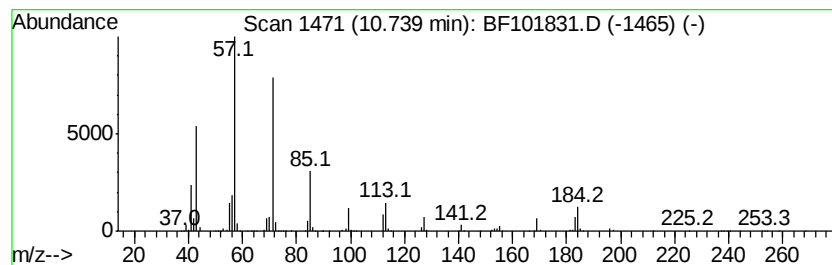
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	211.56 ng	5483670	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4		Tridecane	184	C13H28	000629-50-5	64
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101831.D
Acq On : 29 Dec 2017 16:12
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ClientSampleId :
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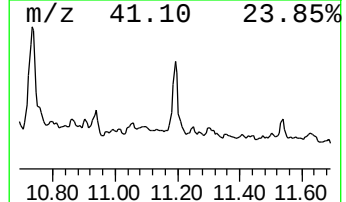
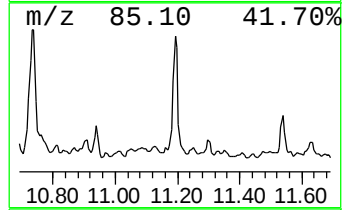
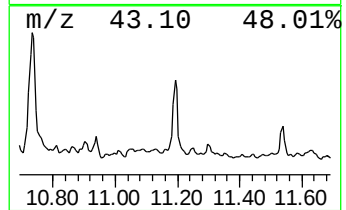
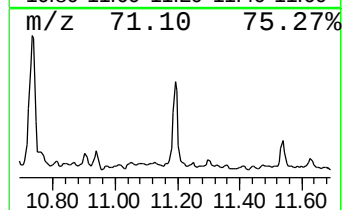
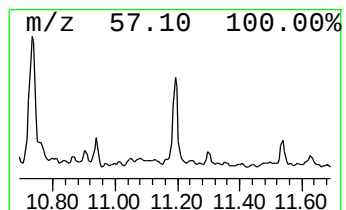
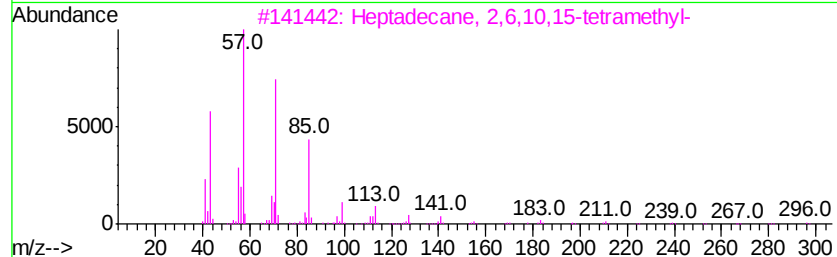
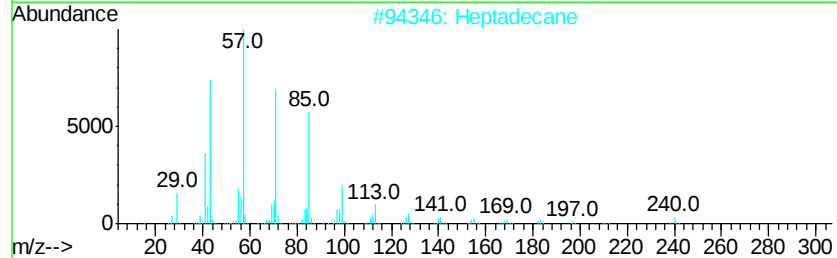
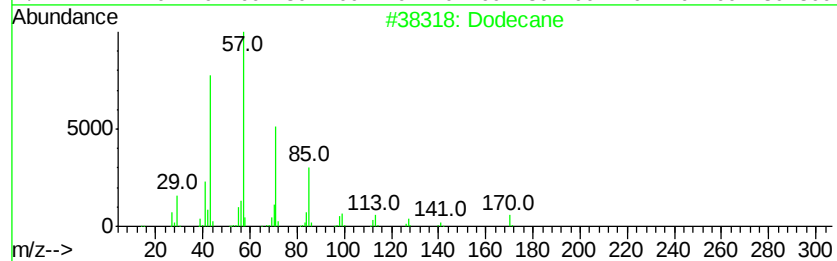
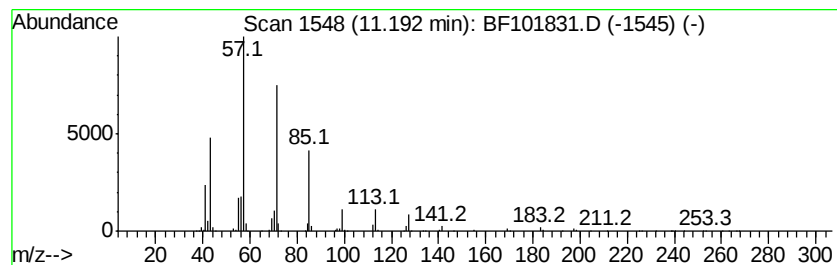
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	124.27 ng	3221210	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	91
2		Heptadecane	240	C17H36	000629-78-7	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
 Data File : BF101831.D
 Acq On : 29 Dec 2017 16:12
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 Sample : I7023-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
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Octane, 1,1'-oxybis-	8.49	37.8	ng	3130530	2	8.07	1656200	20.0
Cyclohexane, propyl-	8.97	73.5	ng	1442090	3	9.83	392415	20.0
unknown9.01	9.01	37.1	ng	727665	3	9.83	392415	20.0
Dodecane, 2,6,10-...	9.09	137.1	ng	2689500	3	9.83	392415	20.0
Naphthalene, 2-et...	9.34	67.6	ng	1325690	3	9.83	392415	20.0
Naphthalene, 1,7-...	9.42	183.3	ng	3597470	3	9.83	392415	20.0
Naphthalene, 2,7-...	9.49	181.4	ng	3558510	3	9.83	392415	20.0
Naphthalene, 1,6,...	9.93	104.1	ng	2042160	3	9.83	392415	20.0
Dodecane, 2-methy...	10.00	42.2	ng	827516	3	9.83	392415	20.0
Naphthalene, 2,3,...	10.03	93.0	ng	1824400	3	9.83	392415	20.0
Naphthalene, 1,4,...	10.18	91.6	ng	1796460	3	9.83	392415	20.0
Hexadecane	10.46	161.5	ng	3169270	3	9.83	392415	20.0
Dodecane, 2,7,10-...	10.74	211.6	ng	5483670	4	11.32	518403	20.0
Dodecane	11.19	124.3	ng	3221210	4	11.32	518403	20.0