

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102998.D
 Acq On : 14 Feb 2018 19:13
 Operator : SJ/JU
 Sample : J1539-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-1-SW(0-4)

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-BF020318.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	5.498	576	580	583	rVB	3280622	3448467	59.96%	2.350%
2	6.122	681	686	689	rBV2	282150	439302	7.64%	0.299%
3	6.151	689	691	693	rVV2	300108	277010	4.82%	0.189%
4	6.175	693	695	698	rVB	361908	289293	5.03%	0.197%
5	6.310	713	718	723	rBV4	208333	365351	6.35%	0.249%
6	6.404	731	734	737	rBV3	380959	497708	8.65%	0.339%
7	6.510	747	752	756	rVB	3115187	3384861	58.85%	2.306%
8	6.645	771	775	779	rVB2	3515996	3576128	62.18%	2.437%
9	6.704	782	785	788	rBV2	935235	843329	14.66%	0.575%
10	6.881	811	815	818	rVB2	1363349	1363538	23.71%	0.929%
11	6.992	830	834	836	rVB3	468803	464942	8.08%	0.317%
12	7.034	836	841	844	rBV	2928755	2937325	51.07%	2.001%
13	7.145	857	860	863	rVB2	625796	573462	9.97%	0.391%
14	7.210	869	871	875	rVB2	266046	283886	4.94%	0.193%
15	7.269	875	881	884	rBV3	479301	774291	13.46%	0.528%
16	7.410	899	905	907	rBV3	707282	966251	16.80%	0.658%
17	7.439	907	910	913	rVV	2135673	2054580	35.72%	1.400%
18	7.469	913	915	919	rVB	1684057	1321921	22.98%	0.901%
19	7.522	919	924	926	rBV5	594389	846256	14.71%	0.577%
20	7.581	926	934	937	rBV6	437457	873817	15.19%	0.595%
21	7.651	943	946	948	rBV2	592944	607840	10.57%	0.414%
22	7.681	948	951	954	rVB2	569864	723193	12.57%	0.493%
23	7.757	960	964	965	rBV3	364654	405770	7.06%	0.276%
24	7.775	965	967	969	rBV2	703932	513592	8.93%	0.350%
25	7.798	969	971	974	rBV2	846914	762006	13.25%	0.519%
26	7.828	974	976	980	rVB2	738259	937982	16.31%	0.639%
27	7.869	980	983	986	rBV3	725456	763532	13.28%	0.520%
28	7.898	986	988	991	rBV2	1111342	1196638	20.81%	0.815%
29	7.945	994	996	998	rVB2	472101	337499	5.87%	0.230%
30	7.975	998	1001	1004	rVB3	559643	579173	10.07%	0.395%
31	8.028	1007	1010	1013	rBV2	821486	901360	15.67%	0.614%
32	8.063	1013	1016	1018	rBV	335365	310218	5.39%	0.211%
33	8.092	1018	1021	1022	rBV2	467058	382178	6.64%	0.260%
34	8.110	1022	1024	1025	rVV2	370824	307649	5.35%	0.210%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.139	1025	1029	1031	rVV	3470942	3405103	59.20%	2.320%
36	8.163	1031	1033	1035	rVV	1478827	1504394	26.16%	1.025%
37	8.181	1035	1036	1039	rVV	1088582	948622	16.49%	0.646%
38	8.216	1039	1042	1045	rVB2	3137899	2878101	50.04%	1.961%
39	8.245	1045	1047	1050	rBV2	1021554	1022095	17.77%	0.696%
40	8.310	1055	1058	1060	rBV3	561506	695880	12.10%	0.474%
41	8.334	1060	1062	1064	rVB3	297330	259308	4.51%	0.177%
42	8.363	1064	1067	1069	rBV2	880443	749185	13.03%	0.510%
43	8.451	1073	1082	1086	rBV7	2249140	3378758	58.75%	2.302%
44	8.498	1088	1090	1093	rBV3	594453	612388	10.65%	0.417%
45	8.534	1093	1096	1100	rVB3	1064623	1584919	27.56%	1.080%
46	8.575	1100	1103	1106	rBV	2663670	2556553	44.45%	1.742%
47	8.598	1106	1107	1109	rVB	600459	389141	6.77%	0.265%
48	8.669	1116	1119	1121	rBV3	1050226	998300	17.36%	0.680%
49	8.704	1121	1125	1127	rVV4	728916	881997	15.34%	0.601%
50	8.751	1130	1133	1136	rBV	3840134	3572515	62.11%	2.434%
51	8.792	1136	1140	1141	rBV3	580655	674377	11.73%	0.459%
52	8.845	1146	1149	1152	rVB2	1369963	1511326	26.28%	1.030%
53	8.875	1152	1154	1157	rBV	1413995	1194666	20.77%	0.814%
54	8.910	1157	1160	1162	rVB4	733721	598422	10.40%	0.408%
55	8.939	1162	1165	1167	rBV3	678764	937583	16.30%	0.639%
56	8.975	1169	1171	1174	rVV	1095776	969106	16.85%	0.660%
57	9.004	1174	1176	1178	rVB2	550471	351630	6.11%	0.240%
58	9.028	1178	1180	1182	rBV3	951328	1053290	18.31%	0.718%
59	9.063	1184	1186	1191	rVB4	1170808	1567213	27.25%	1.068%
60	9.110	1191	1194	1198	rBV2	1209802	1184779	20.60%	0.807%
61	9.151	1198	1201	1203	rBV	1115495	901015	15.67%	0.614%
62	9.181	1203	1206	1212	rVB	2504946	2443433	42.48%	1.665%
63	9.233	1212	1215	1220	rVB	2702835	2719519	47.28%	1.853%
64	9.316	1225	1229	1234	rBV	4223092	5145616	89.47%	3.506%
65	9.433	1246	1249	1253	rBV2	752744	694266	12.07%	0.473%
66	9.504	1257	1261	1264	rBV2	1602817	2025017	35.21%	1.380%
67	9.581	1270	1274	1277	rBV4	1575503	2423181	42.13%	1.651%
68	9.604	1277	1278	1280	rVV	1134995	800359	13.92%	0.545%
69	9.633	1280	1283	1285	rVV3	3000360	3309278	57.54%	2.255%
70	9.657	1285	1287	1290	rVB2	992481	911198	15.84%	0.621%
71	9.692	1290	1293	1295	rBV2	1571886	1371051	23.84%	0.934%

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72	9.780	1305	1308	1311	rBV3	1025054	1079982	18.78%	0.736%
73	9.845	1311	1319	1323	rBV	4110064	5602558	97.41%	3.817%
74	9.886	1323	1326	1327	rBV3	614128	596454	10.37%	0.406%
75	9.951	1335	1337	1340	rVB2	600767	406473	7.07%	0.277%
76	10.022	1346	1349	1353	rBV2	1185157	1611911	28.03%	1.098%
77	10.069	1354	1357	1361	rVV4	1032077	1676916	29.16%	1.143%
78	10.104	1361	1363	1364	rVV	1161797	1032195	17.95%	0.703%
79	10.122	1364	1366	1370	rVV2	1812511	2092338	36.38%	1.426%
80	10.163	1370	1373	1377	rVV2	2595249	3051478	53.06%	2.079%
81	10.198	1377	1379	1382	rVB	888103	791757	13.77%	0.539%
82	10.239	1382	1386	1388	rBV	1284508	1404592	24.42%	0.957%
83	10.263	1388	1390	1392	rVV	1042763	1032549	17.95%	0.704%
84	10.286	1392	1394	1397	rVB2	841621	755406	13.13%	0.515%
85	10.345	1397	1404	1407	rBV2	4218978	5751489	100.00%	3.919%
86	10.375	1407	1409	1411	rVV2	746871	740522	12.88%	0.505%
87	10.404	1411	1414	1419	rVB4	556825	898167	15.62%	0.612%
88	10.569	1437	1442	1447	rVB2	2799708	3953632	68.74%	2.694%
89	10.616	1447	1450	1452	rBV3	910616	789024	13.72%	0.538%
90	10.686	1459	1462	1464	rVB2	1188221	995421	17.31%	0.678%
91	10.710	1464	1466	1470	rBV4	1012434	1140550	19.83%	0.777%
92	10.827	1481	1486	1487	rBV	3833841	5048379	87.78%	3.440%
93	11.010	1515	1517	1519	rBV3	800577	803453	13.97%	0.547%
94	11.075	1526	1528	1531	rBV3	477370	432273	7.52%	0.295%
95	11.275	1558	1562	1564	rBV	3055667	3209169	55.80%	2.187%
96	11.304	1564	1567	1573	rVB2	2552537	3034658	52.76%	2.068%
97	11.410	1583	1585	1588	rBV2	1033541	1329745	23.12%	0.906%
98	11.439	1588	1590	1596	rVB2	1486898	1904102	33.11%	1.297%
99	11.704	1632	1635	1638	rVB	1982897	2018034	35.09%	1.375%
100	12.122	1704	1706	1709	rBV	1120189	1054207	18.33%	0.718%

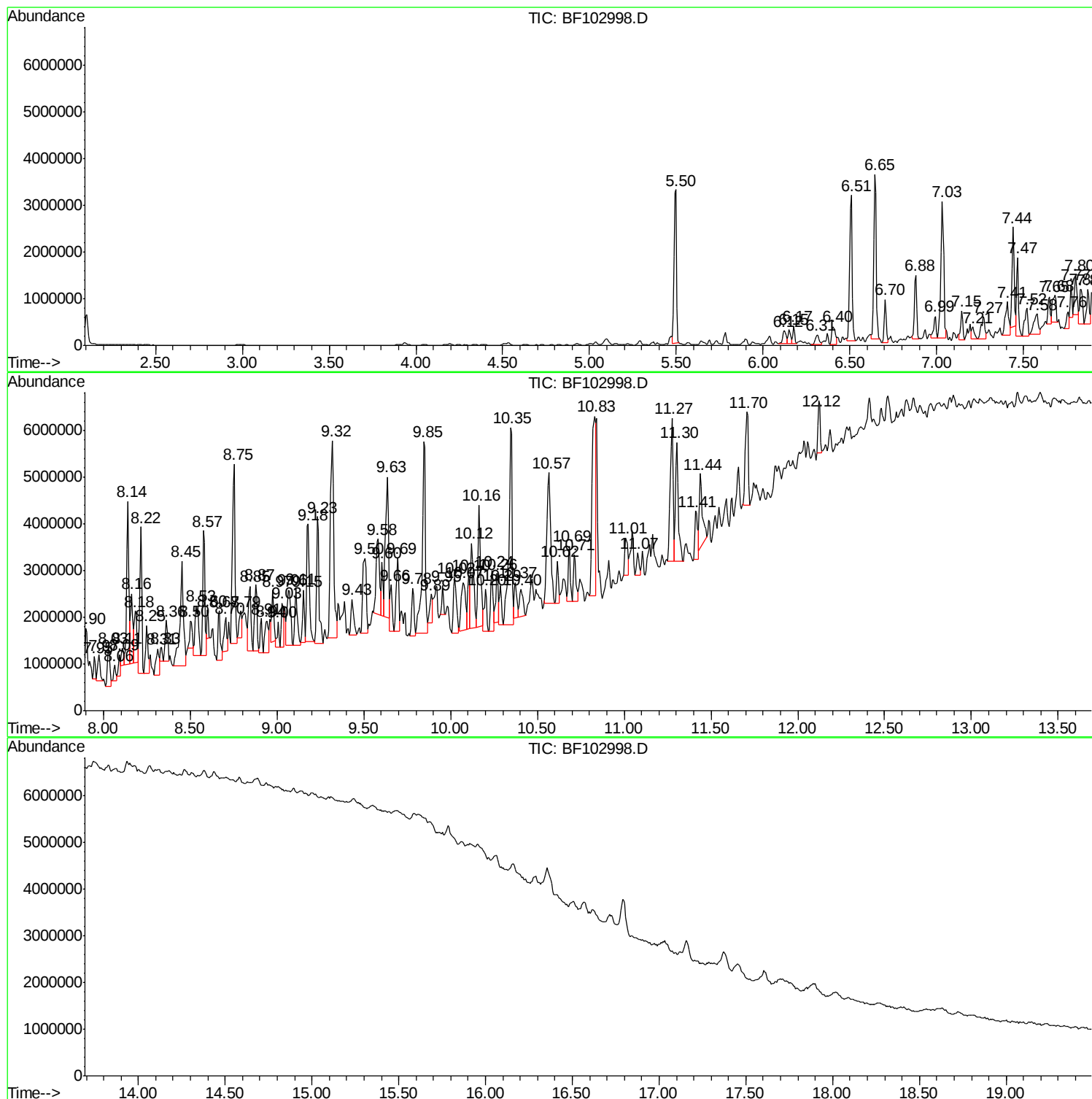
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Instrument :
BNA_F
ClientSampled :
CB-1-SW(0-4)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.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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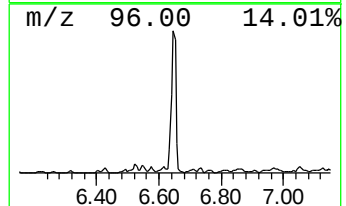
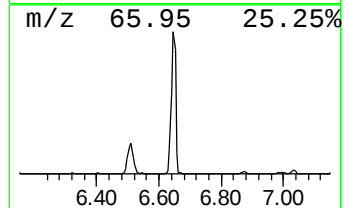
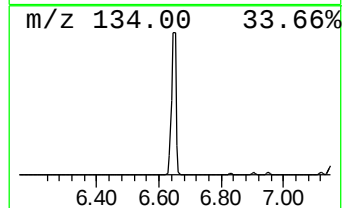
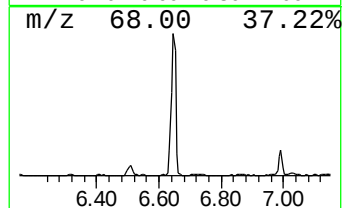
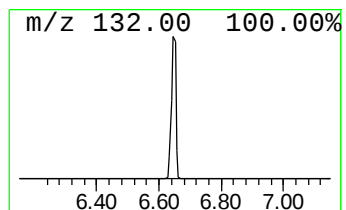
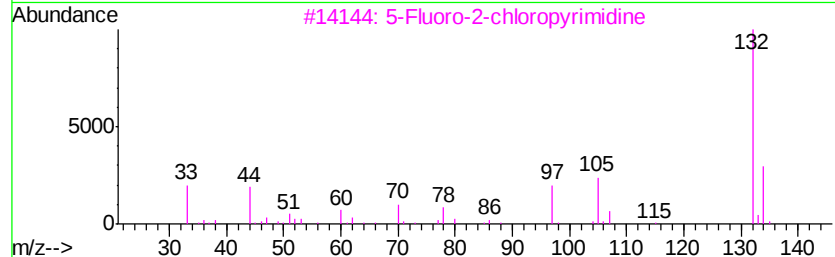
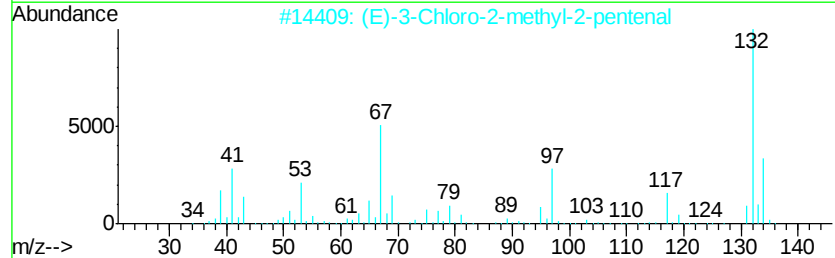
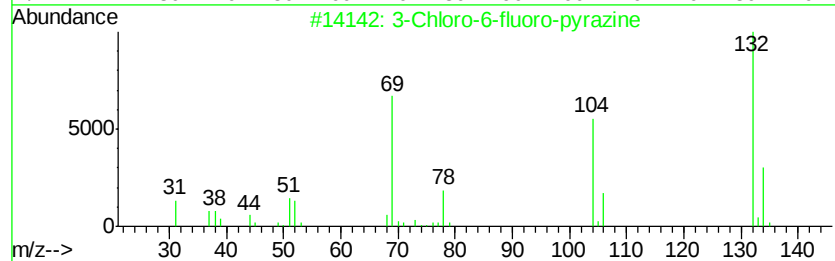
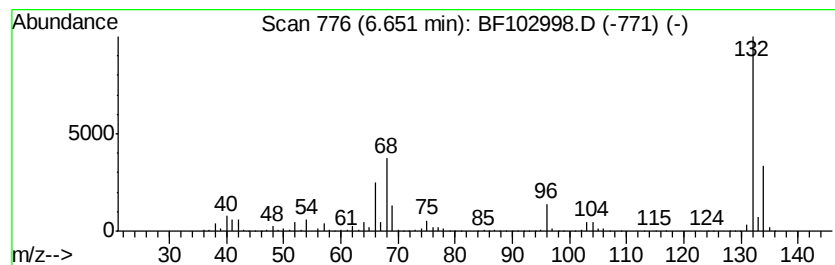
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	52.45 ng	3576130	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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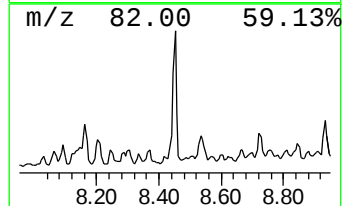
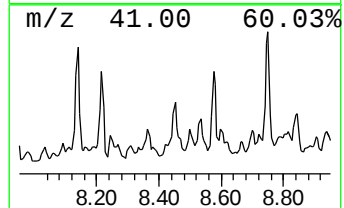
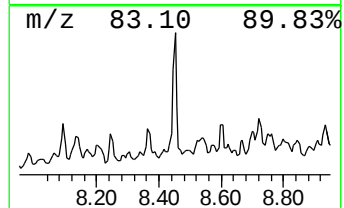
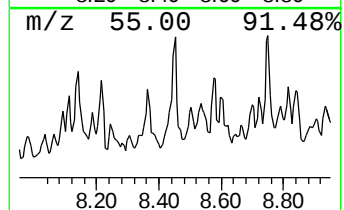
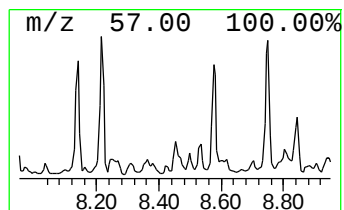
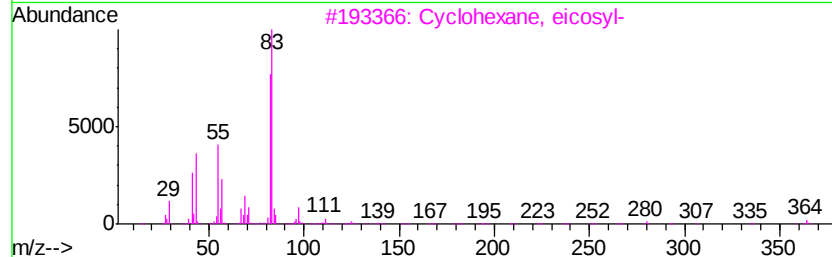
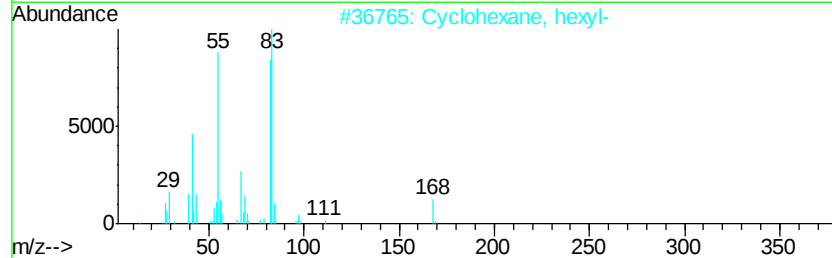
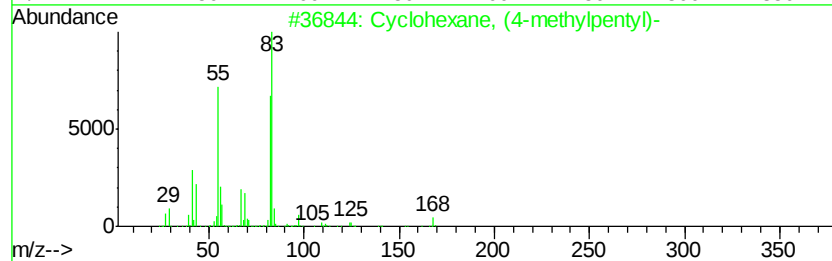
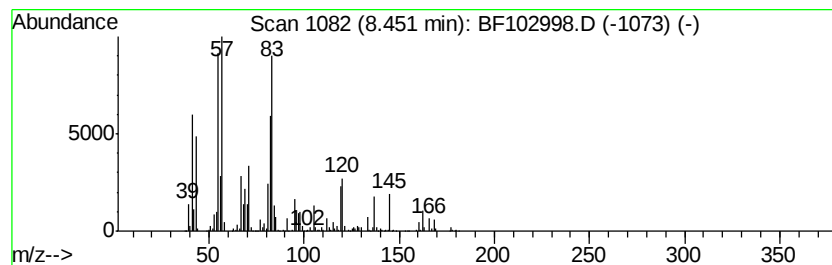
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown8.45 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	44.92 ng	3378760	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
3		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	43
4		Cyclohexane, decyl-	224	C16H32	001795-16-0	43
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43



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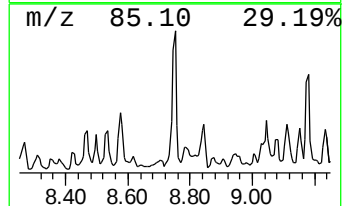
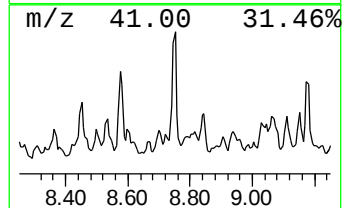
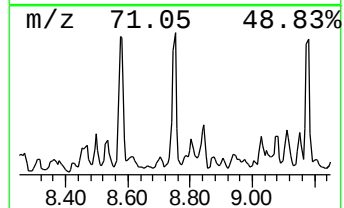
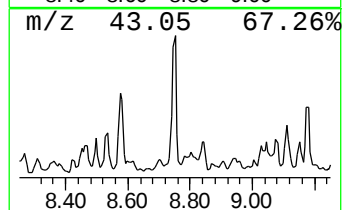
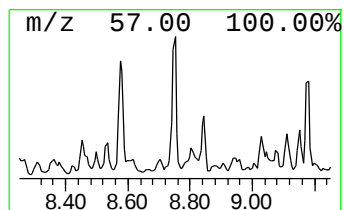
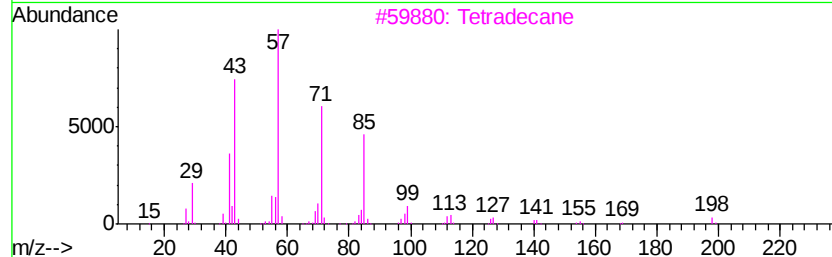
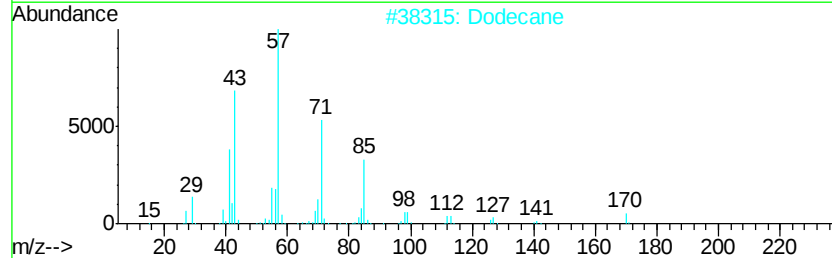
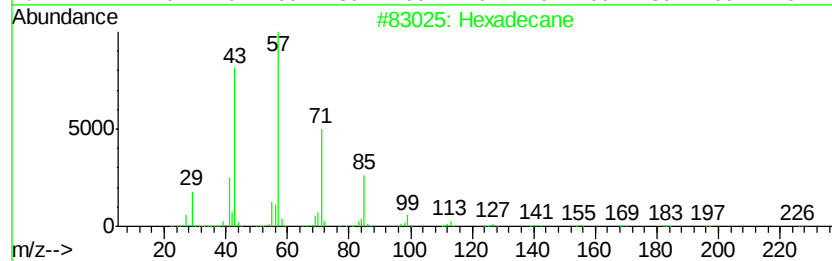
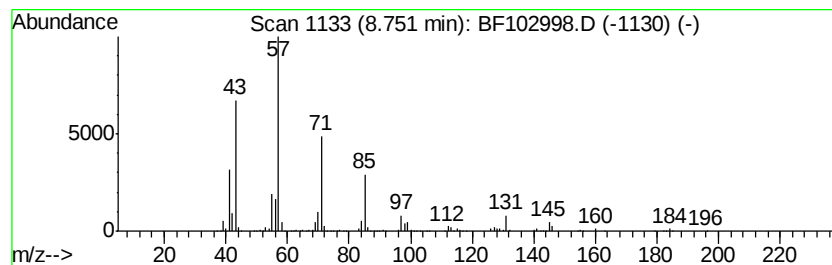
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	47.49 ng	3572520	Naphthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	80
2	Dodecane		170	C12H26	000112-40-3	80
3	Tetradecane		198	C14H30	000629-59-4	80
4	Tridecane		184	C13H28	000629-50-5	76
5	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102998.D
Acq On : 14 Feb 2018 19:13
Operator : SJ/JU
Sample : J1539-19
Misc :
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Instrument :
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ClientSampleId :
CB-1-SW(0-4)

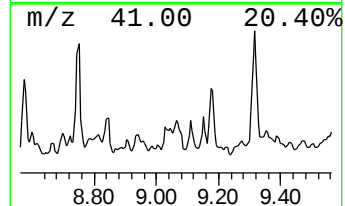
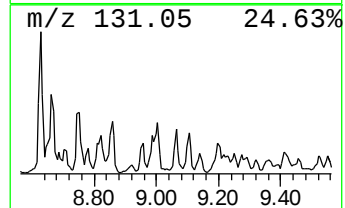
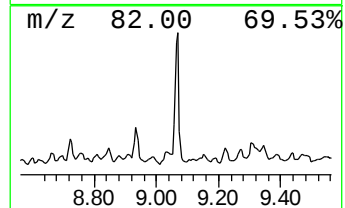
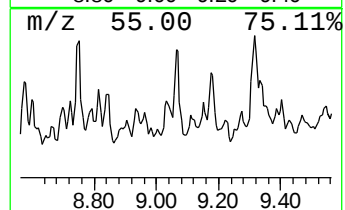
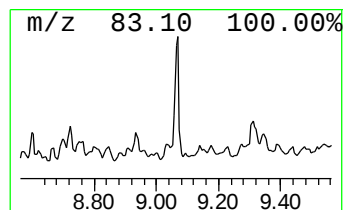
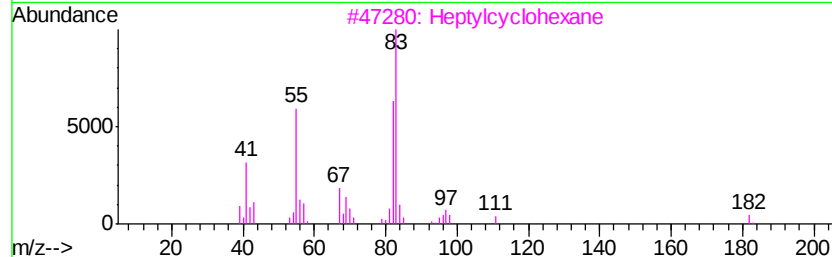
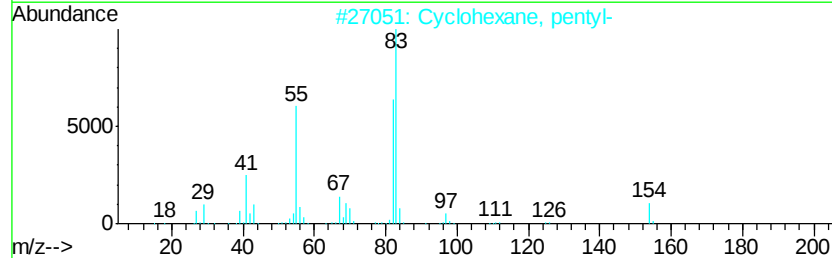
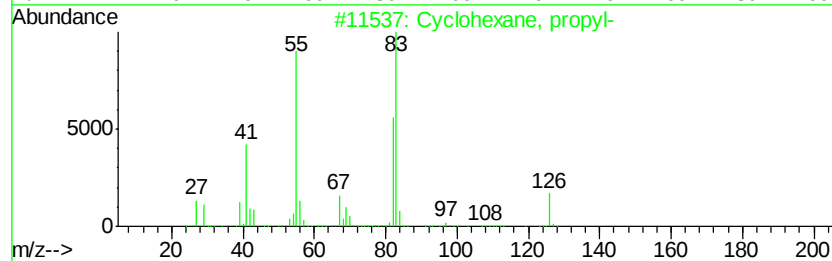
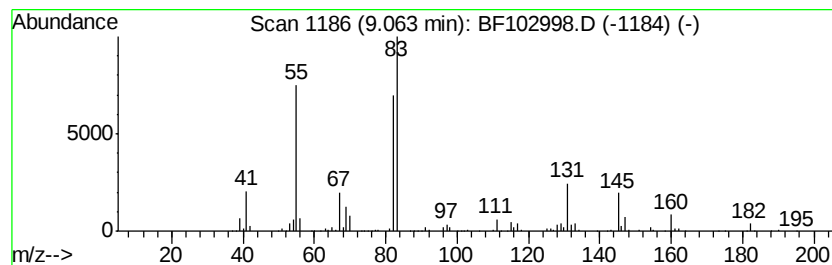
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	77.11 ng	1567210	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
3		Heptylcyclohexane	182	C13H26	005617-41-4	50
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	42



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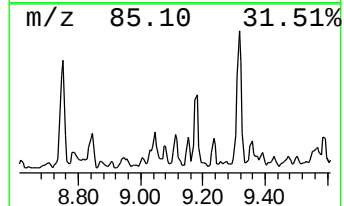
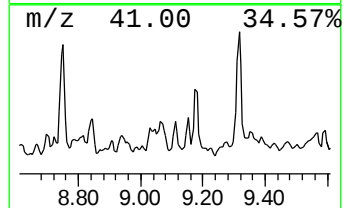
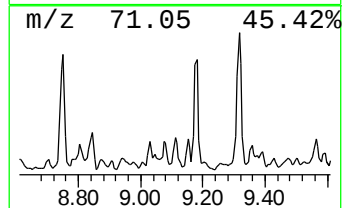
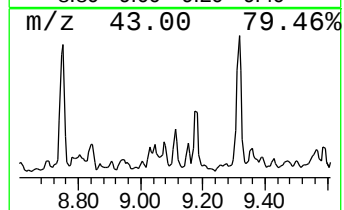
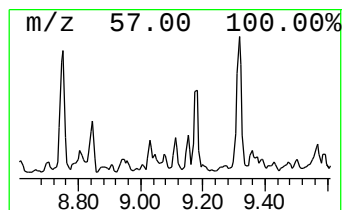
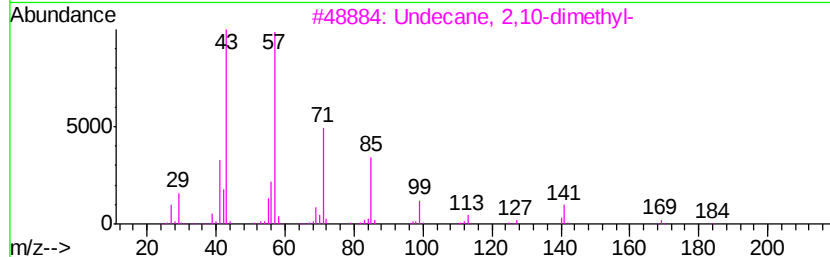
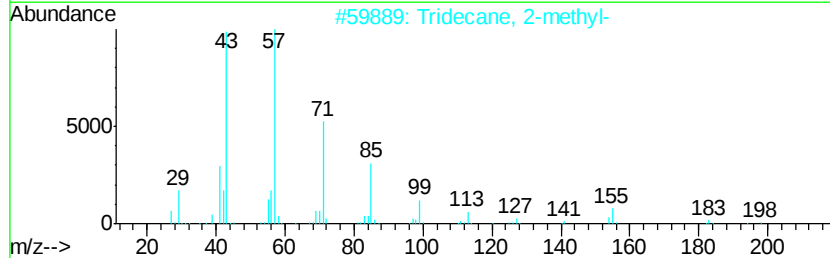
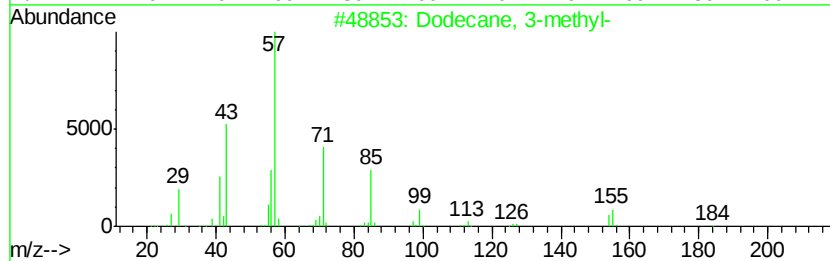
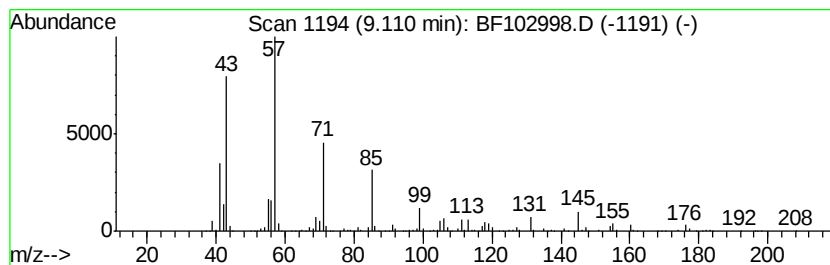
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	58.30 ng	1184780	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	53
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	53
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50
5			2,3-Dimethyldodecane	198	C14H30	006117-98-2	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
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Operator : SJ/JU
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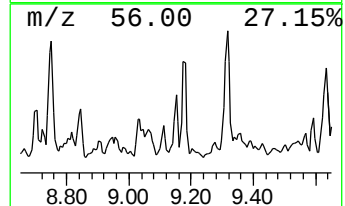
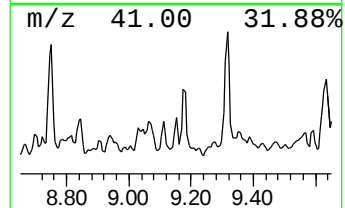
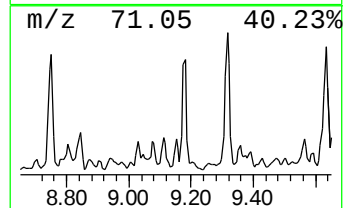
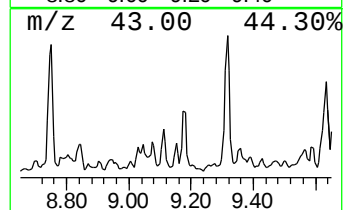
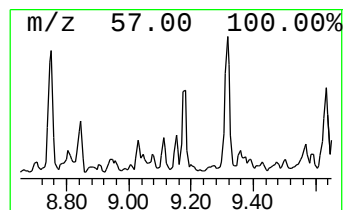
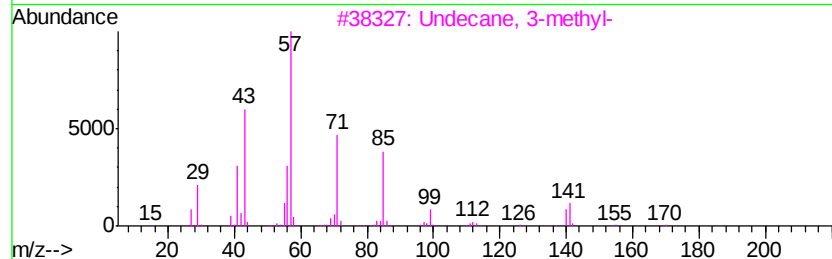
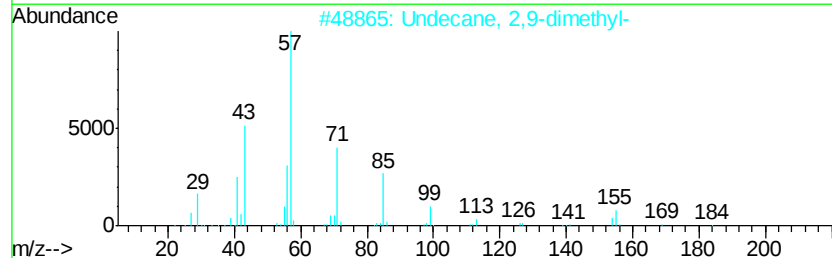
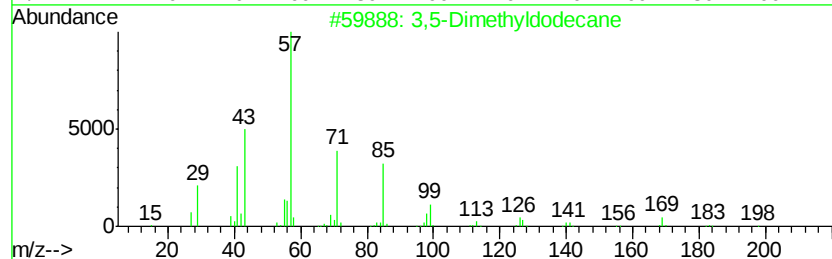
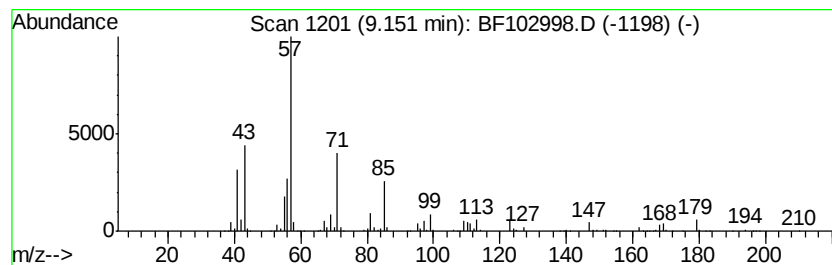
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3,5-Dimethyldodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	44.33 ng	901015	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
2		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	59
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5		Decane	142	C10H22	000124-18-5	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102998.D
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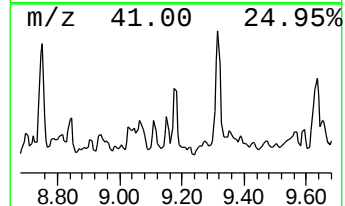
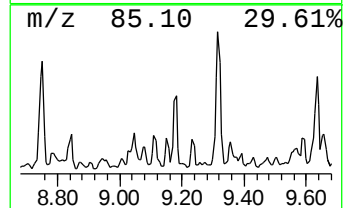
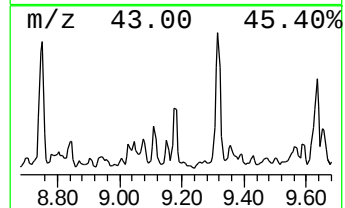
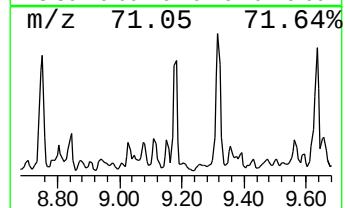
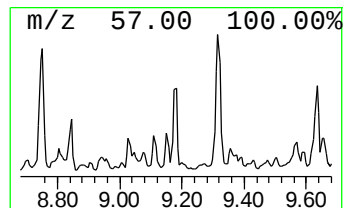
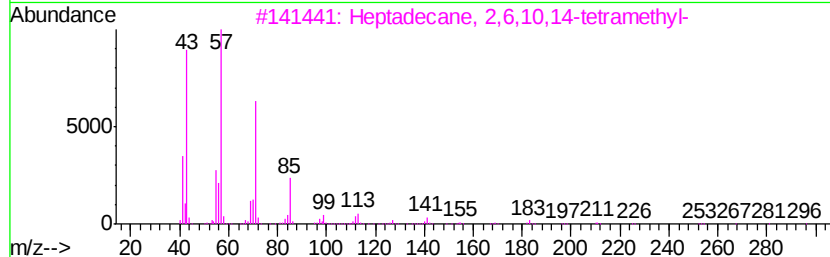
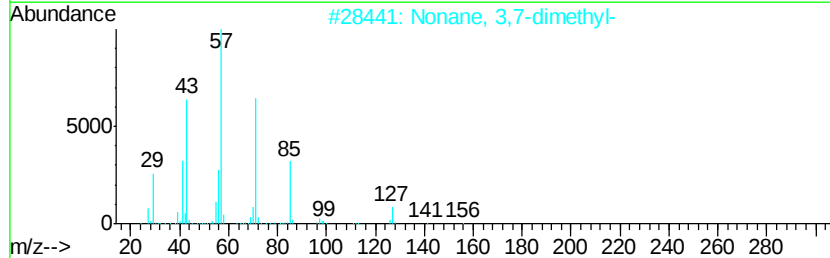
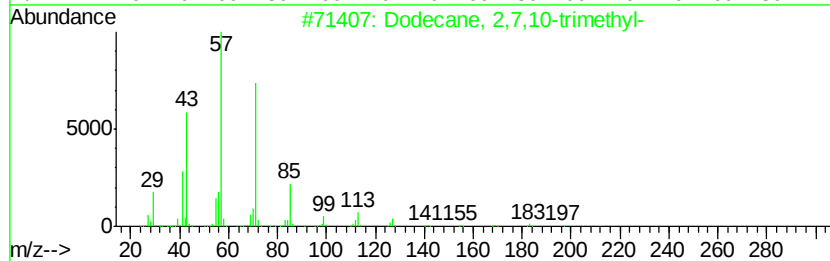
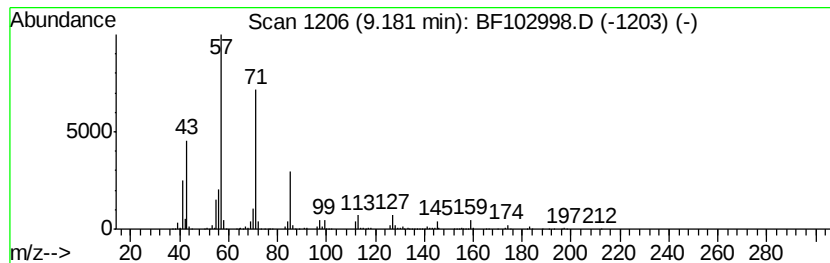
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	120.23 ng	2443430	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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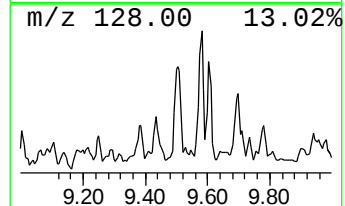
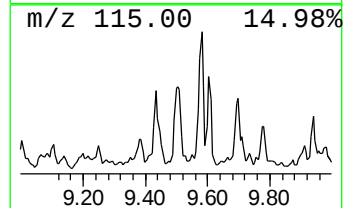
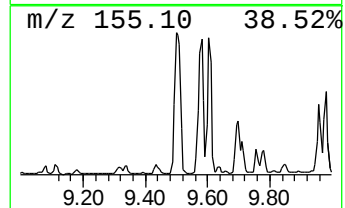
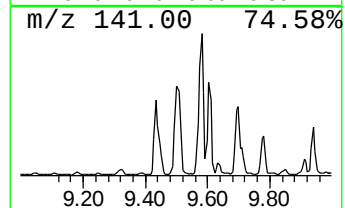
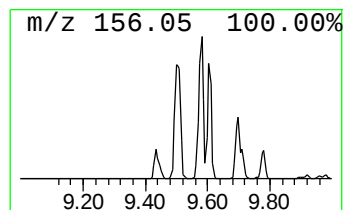
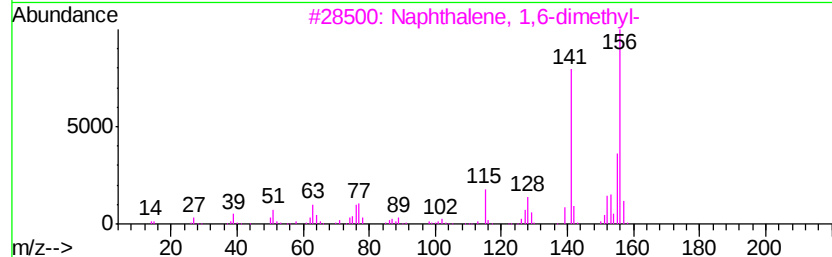
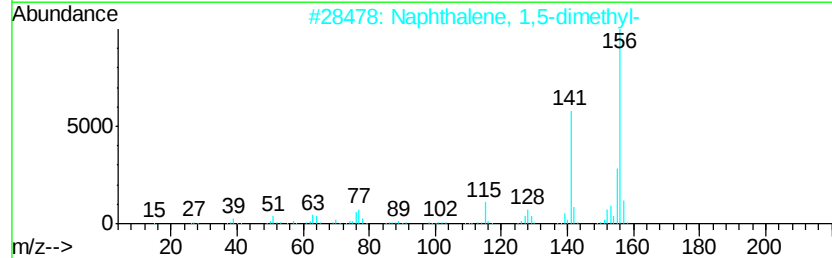
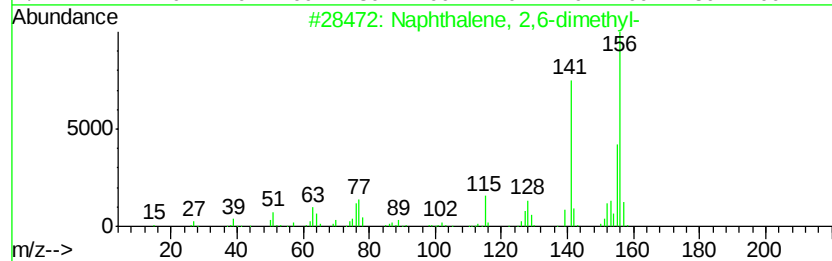
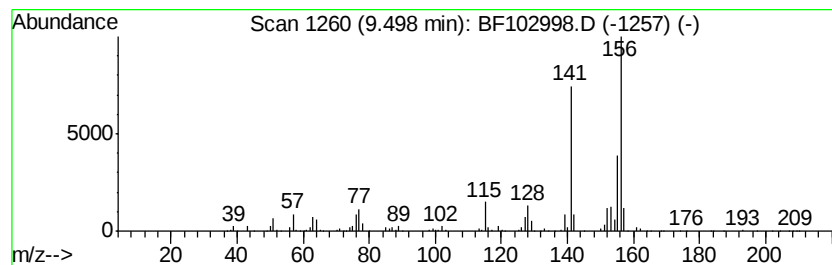
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	99.64 ng	2025020	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
5		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96



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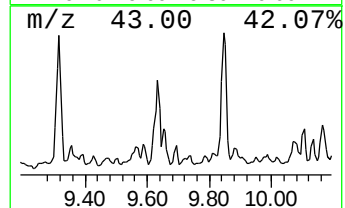
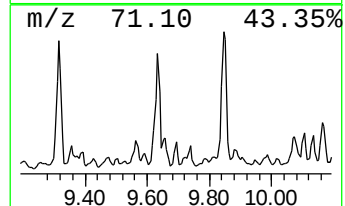
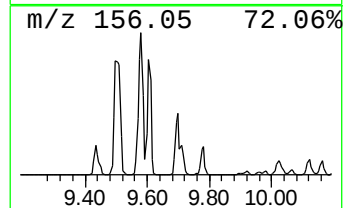
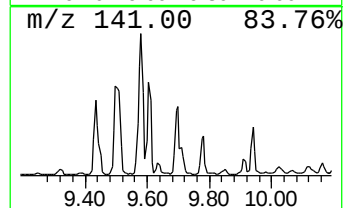
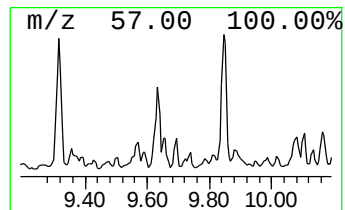
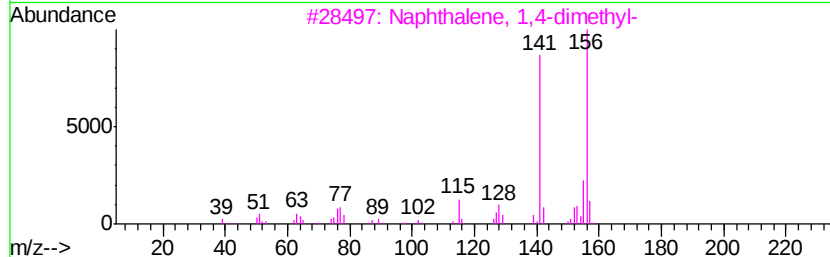
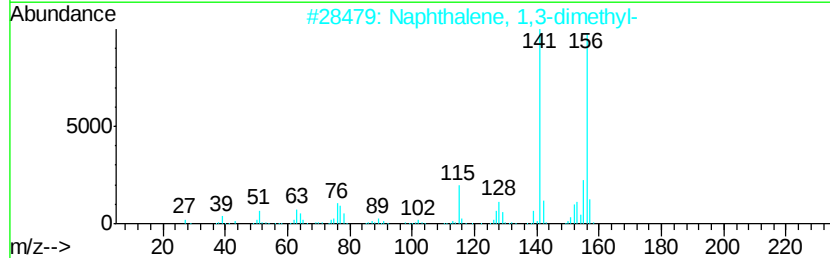
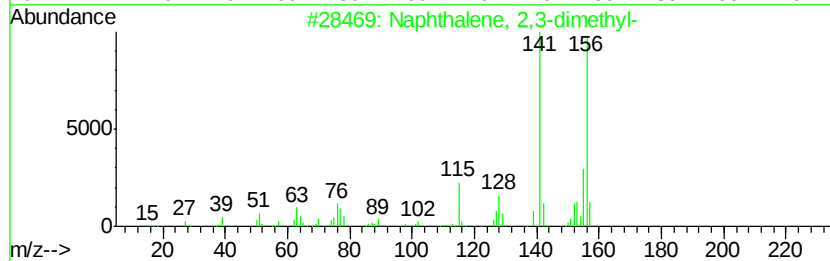
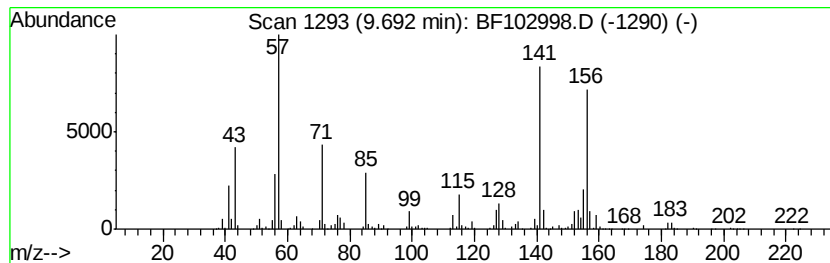
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.69	67.46 ng	1371050	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	92
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
CB-1-SW(0-4)

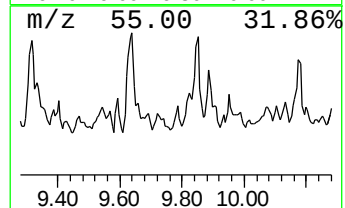
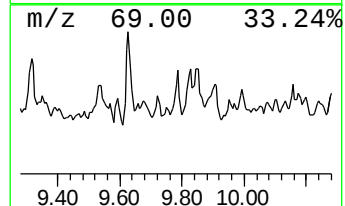
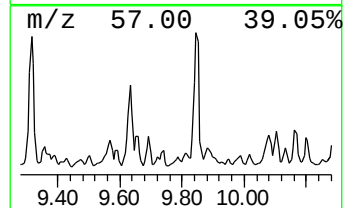
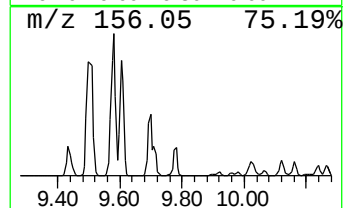
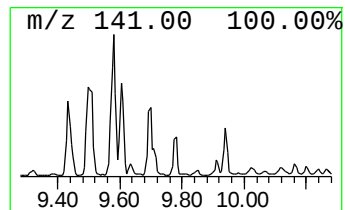
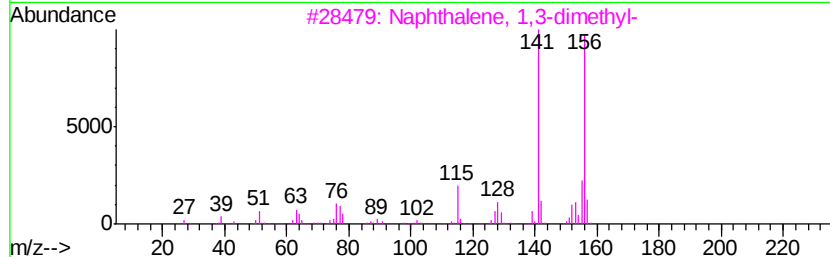
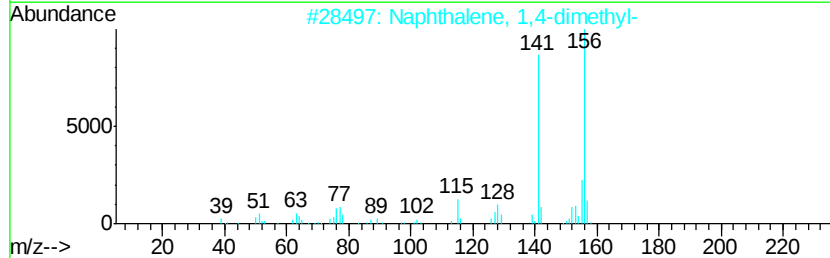
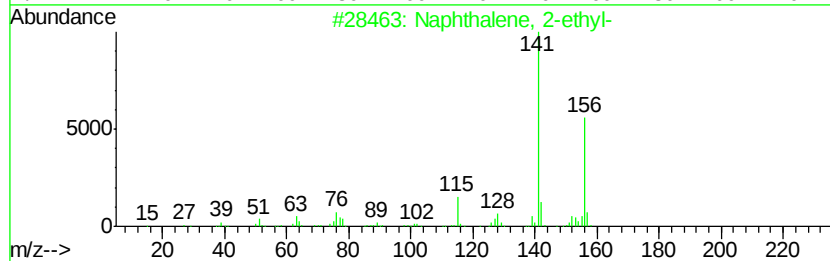
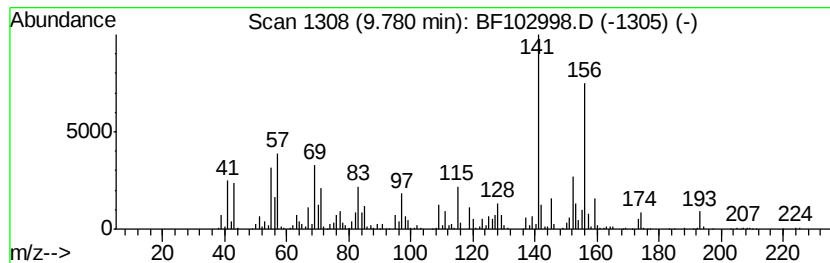
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	53.14 ng	1079980	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	89
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	89
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102998.D
Acq On : 14 Feb 2018 19:13
Operator : SJ/JU
Sample : J1539-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CB-1-SW(0-4)

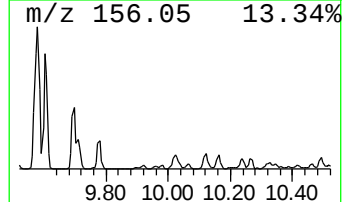
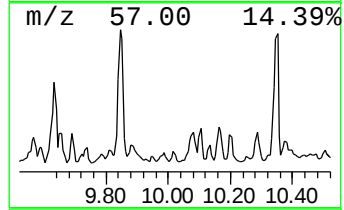
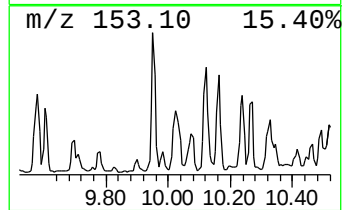
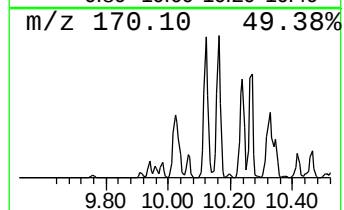
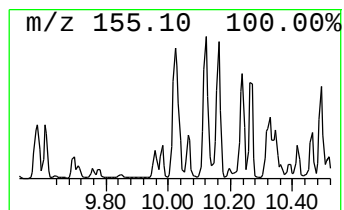
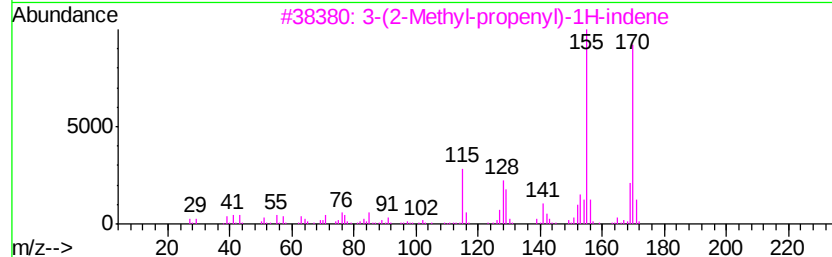
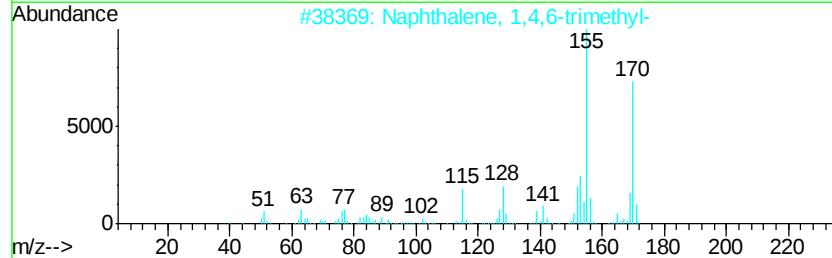
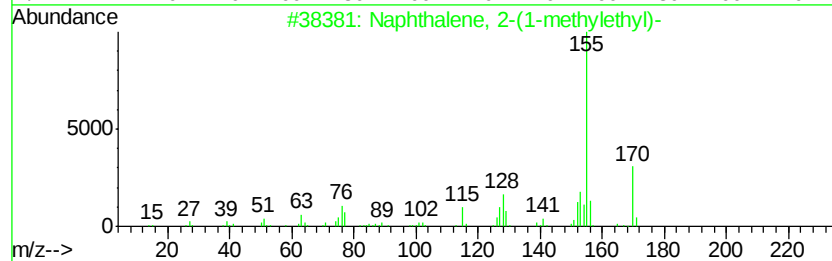
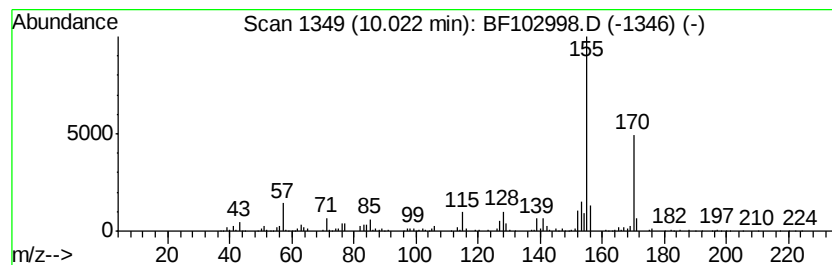
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	79.31 ng	1611910	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
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Operator : SJ/JU
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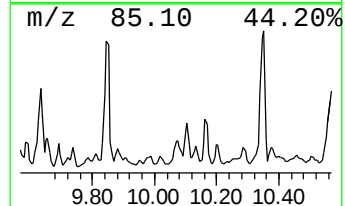
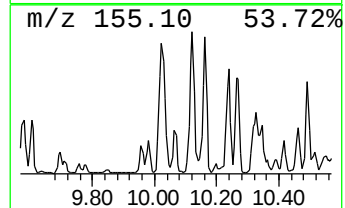
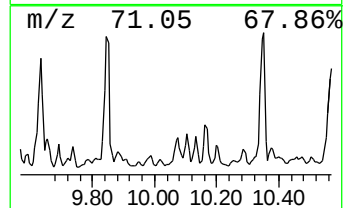
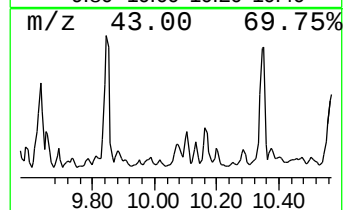
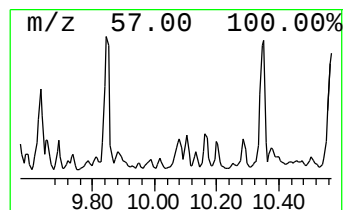
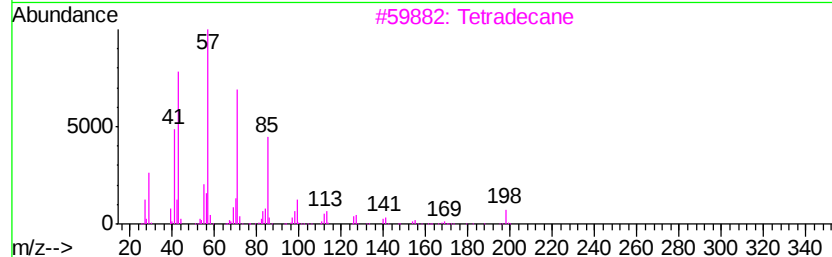
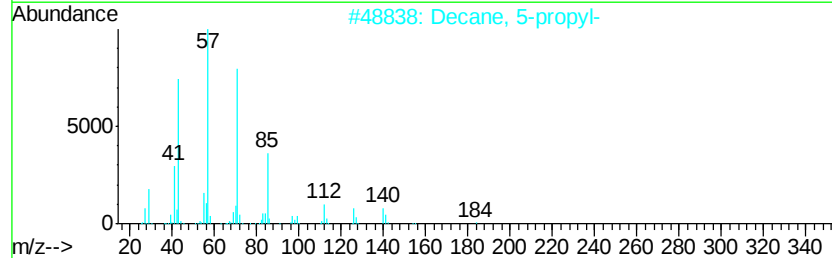
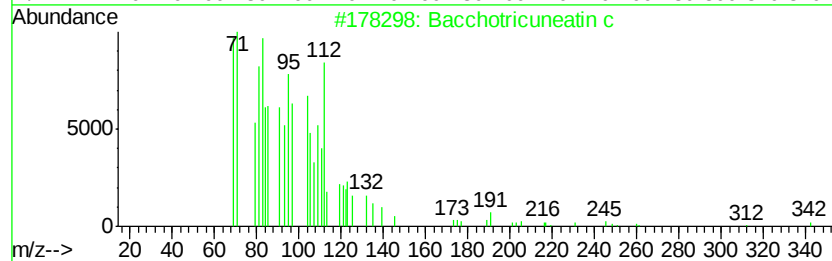
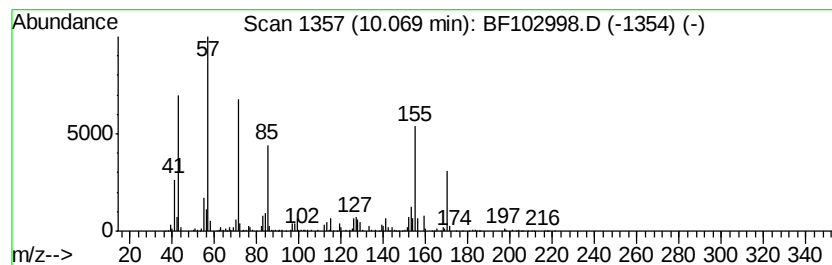
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	82.51 ng	1676920	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2		Decane, 5-propyl-	184	C13H28	017312-62-8	70
3		Tetradecane	198	C14H30	000629-59-4	46
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
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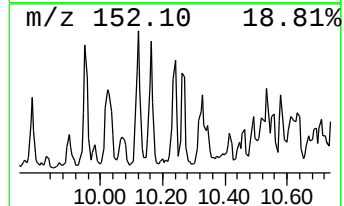
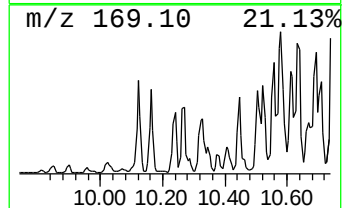
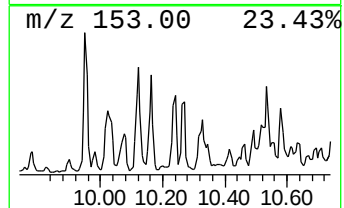
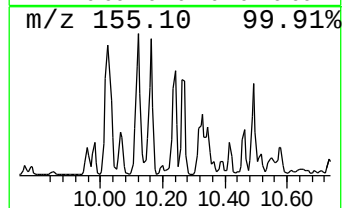
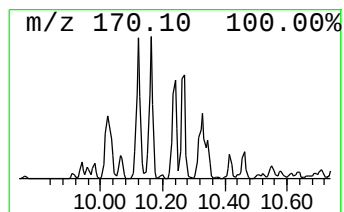
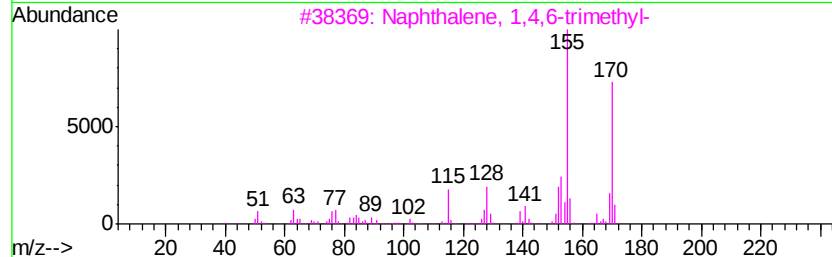
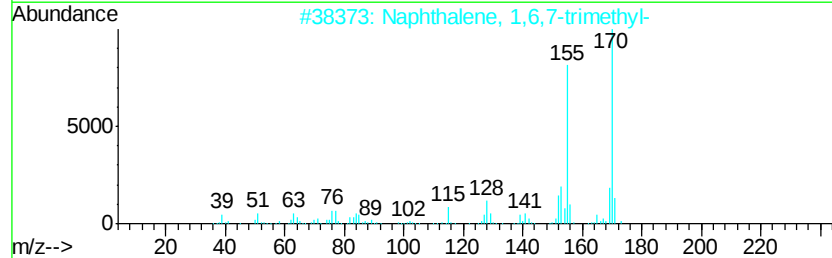
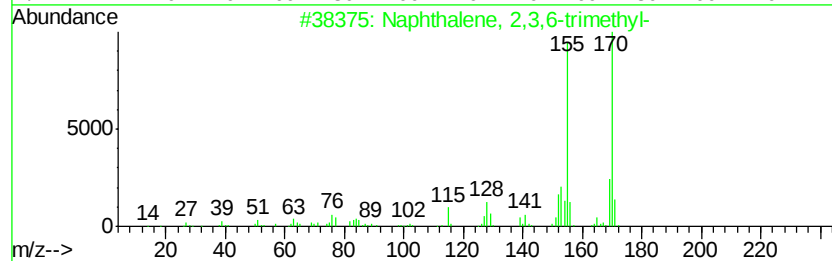
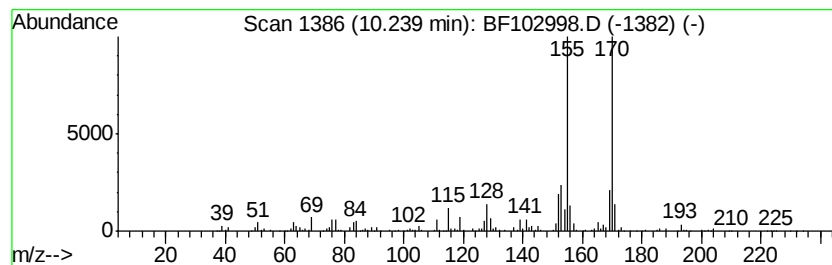
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	69.11 ng	1404590	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102998.D
Acq On : 14 Feb 2018 19:13
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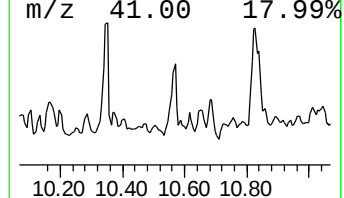
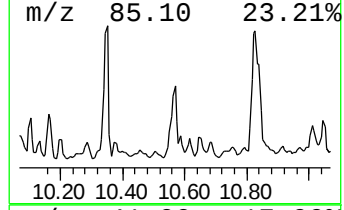
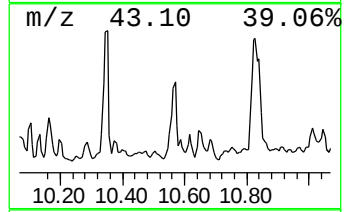
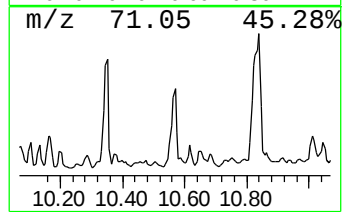
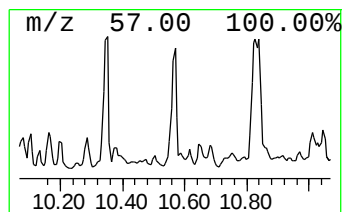
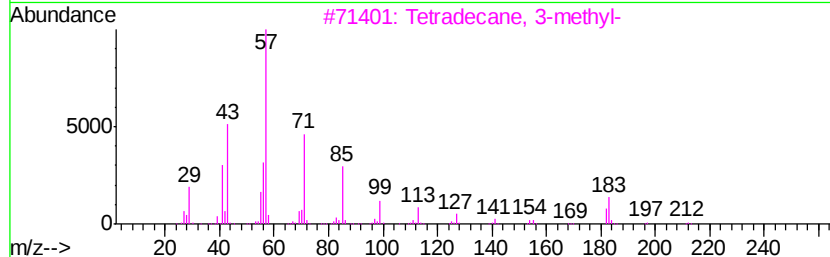
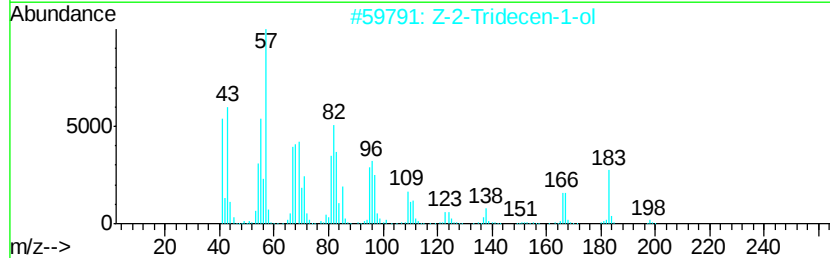
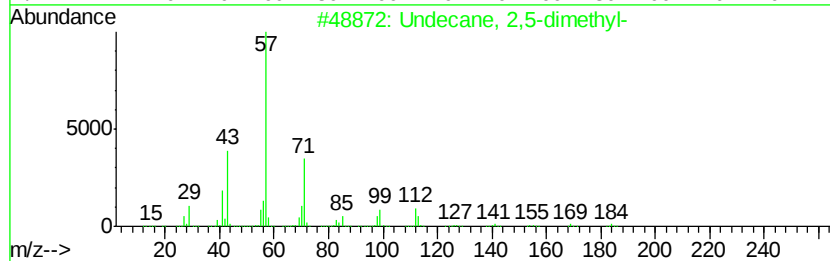
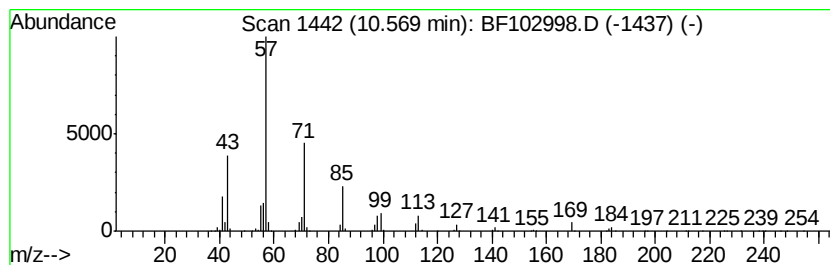
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	194.53 ng	3953630	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
2		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	74
3		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
5		Heptacosane	380	C27H56	000593-49-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102998.D
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Operator : SJ/JU
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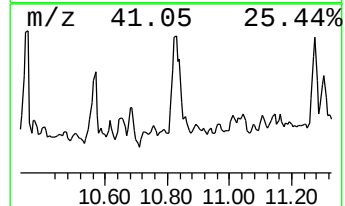
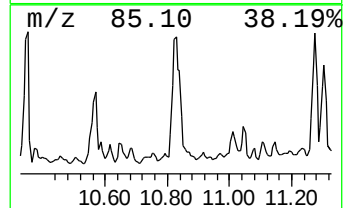
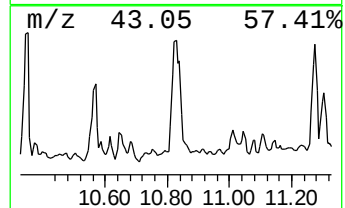
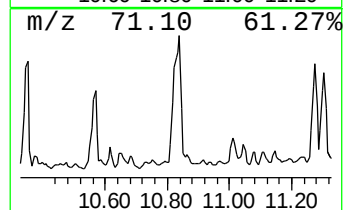
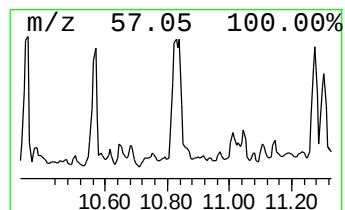
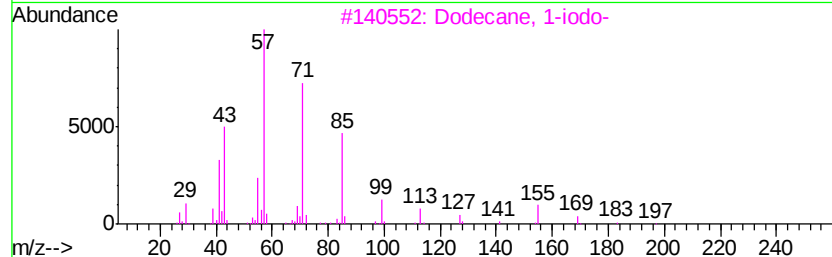
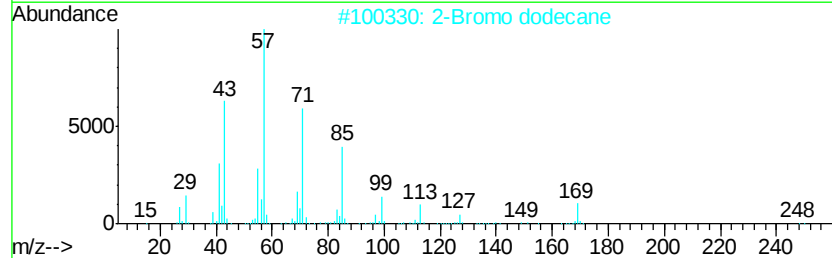
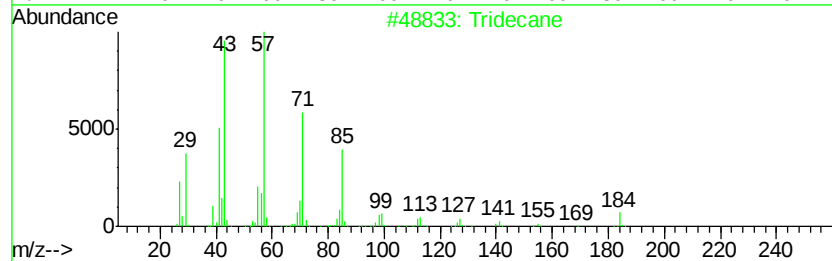
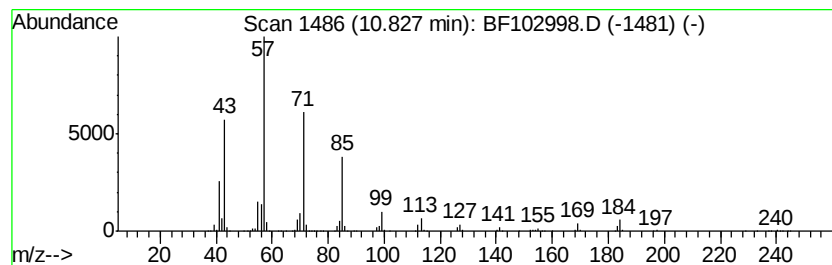
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	75.93 ng	5048380	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	86
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
5		Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
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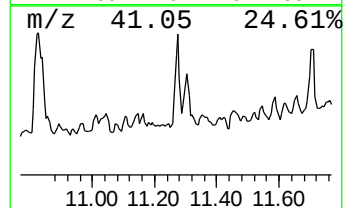
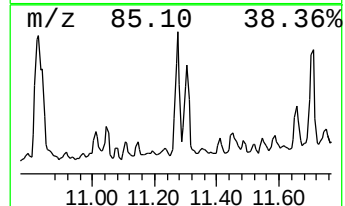
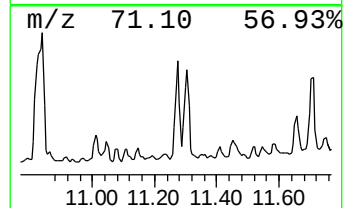
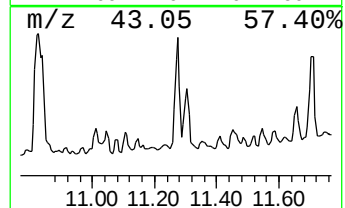
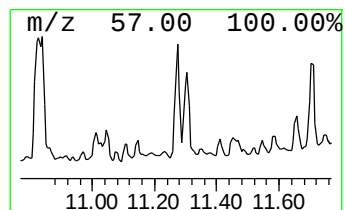
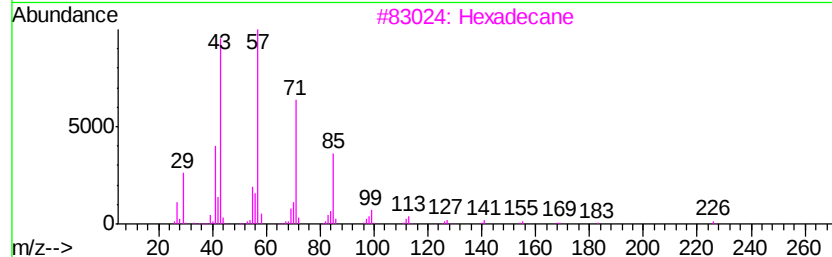
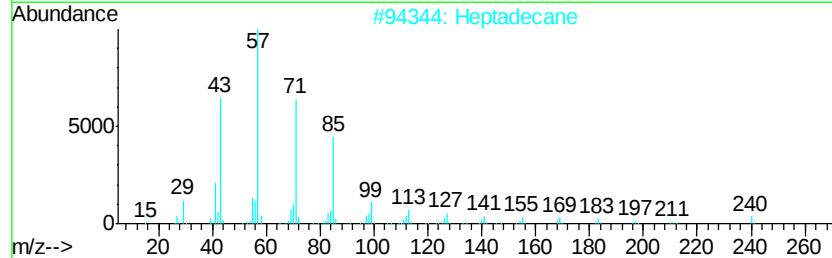
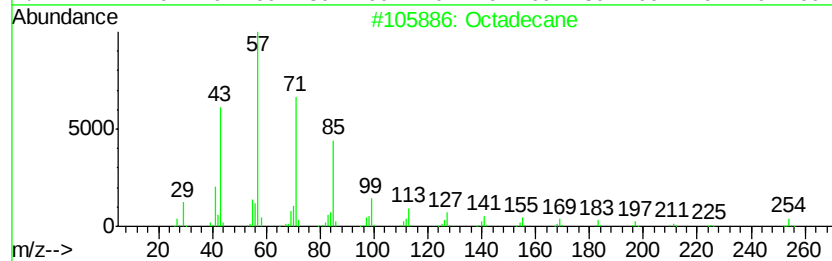
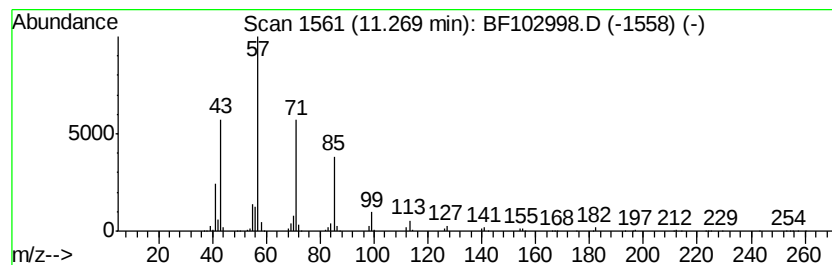
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	48.27 ng	3209170	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
CB-1-SW(0-4)

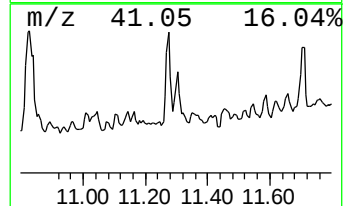
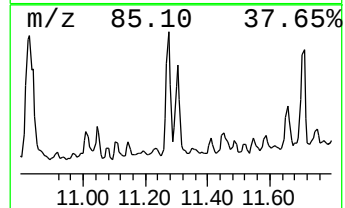
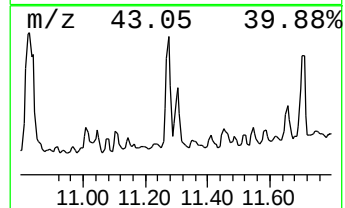
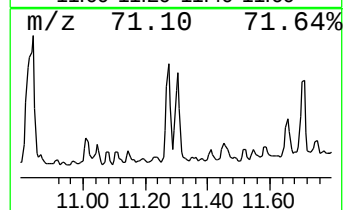
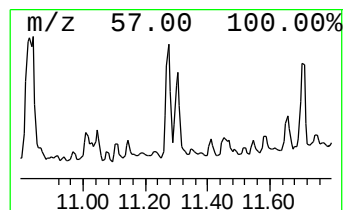
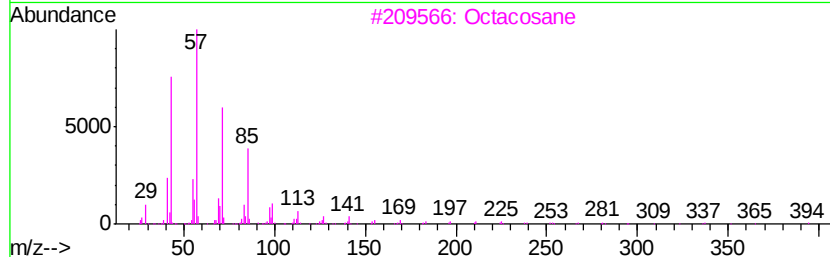
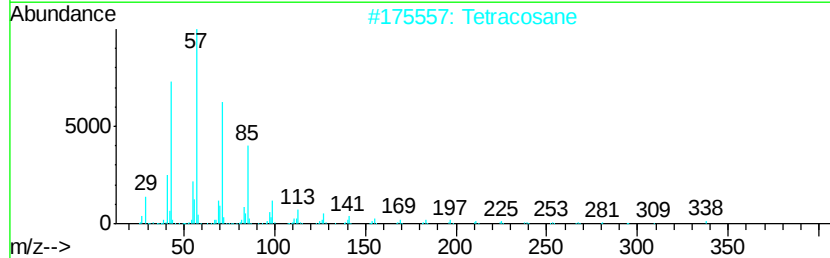
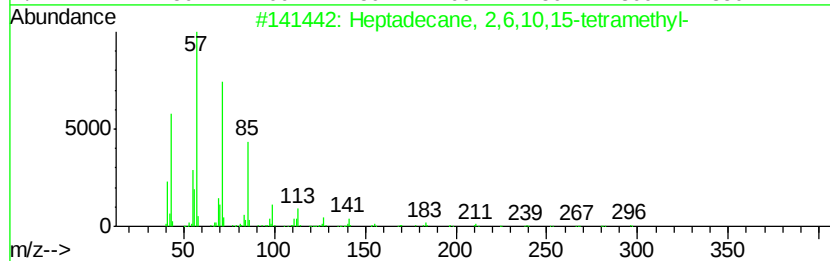
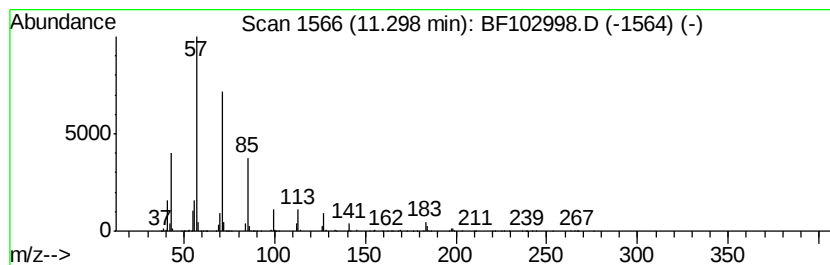
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	45.64 ng	3034660	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Tetracosane	338	C24H50	000646-31-1	83
3		Octacosane	394	C28H58	000630-02-4	78
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
 Data File : BF102998.D
 Acq On : 14 Feb 2018 19:13
 Operator : SJ/JU
 Sample : J1539-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-1-SW(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.65	6.65	52.5	ng	3576130	1	6.87	1363540	20.0
unknown8.45	8.45	44.9	ng	3378760	2	8.16	1504390	20.0
Hexadecane	8.75	47.5	ng	3572520	2	8.16	1504390	20.0
Cyclohexane, propyl-	9.06	77.1	ng	1567210	3	9.92	406473	20.0
Dodecane, 3-methyl-	9.11	58.3	ng	1184780	3	9.92	406473	20.0
3,5-Dimethyldodecane	9.15	44.3	ng	901015	3	9.92	406473	20.0
Dodecane, 2,7,10-...	9.18	120.2	ng	2443430	3	9.92	406473	20.0
Naphthalene, 2,6-...	9.50	99.6	ng	2025020	3	9.92	406473	20.0
Naphthalene, 2,3-...	9.69	67.5	ng	1371050	3	9.92	406473	20.0
Naphthalene, 2-et...	9.78	53.1	ng	1079980	3	9.92	406473	20.0
Naphthalene, 2-(1...	10.02	79.3	ng	1611910	3	9.92	406473	20.0
Bacchotricuneatin c	10.07	82.5	ng	1676920	3	9.92	406473	20.0
Naphthalene, 2,3,...	10.24	69.1	ng	1404590	3	9.92	406473	20.0
Undecane, 2,5-dim...	10.57	194.5	ng	3953630	3	9.92	406473	20.0
Tridecane	10.83	75.9	ng	5048380	4	11.42	1329750	20.0
Octadecane	11.27	48.3	ng	3209170	4	11.42	1329750	20.0
Heptadecane, 2,6,...	11.30	45.6	ng	3034660	4	11.42	1329750	20.0