

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098887.D
 Acq On : 28 Sep 2017 2:41
 Operator : SJ/JU
 Sample : I5429-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV-26493-LM

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-BF092317.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	2.187	13	17	25	rVB	248388	306077	9.15%	0.801%
2	2.540	67	77	82	rVB	96819	169869	5.08%	0.445%
3	3.545	243	248	255	rBV	45635	68053	2.03%	0.178%
4	5.081	505	509	514	rVB	150563	141925	4.24%	0.372%
5	5.128	514	517	521	rBV	330216	340252	10.17%	0.891%
6	5.528	581	585	588	rBV	1576461	1342148	40.12%	3.514%
7	6.075	674	678	683	rBV2	87990	78073	2.33%	0.204%
8	6.381	727	730	732	rBV	114148	97345	2.91%	0.255%
9	6.528	752	755	758	rBV	959015	789425	23.60%	2.067%
10	6.563	758	761	764	rVB2	85763	81366	2.43%	0.213%
11	6.681	777	781	784	rBV	2779717	2535757	75.80%	6.639%
12	6.916	817	821	825	rVB	949948	807117	24.13%	2.113%
13	7.069	843	847	851	rVB	2568889	2510515	75.05%	6.573%
14	7.245	875	877	881	rVB	84770	86190	2.58%	0.226%
15	7.475	912	916	919	rVV	2018474	2051279	61.32%	5.371%
16	7.504	919	921	925	rVB	219454	179682	5.37%	0.470%
17	7.557	925	930	933	rBV4	72829	108159	3.23%	0.283%
18	7.598	933	937	944	rBV6	59310	132579	3.96%	0.347%
19	7.839	975	978	981	rVV3	91940	140195	4.19%	0.367%
20	7.875	981	984	987	rVV3	91366	106959	3.20%	0.280%
21	7.904	987	989	992	rVV2	109740	107978	3.23%	0.283%
22	7.939	992	995	997	rVV2	139739	168128	5.03%	0.440%
23	7.980	1000	1002	1004	rVV	168618	133120	3.98%	0.349%
24	8.063	1013	1016	1019	rVB2	91771	86668	2.59%	0.227%
25	8.139	1024	1029	1031	rBV3	109802	149061	4.46%	0.390%
26	8.169	1031	1034	1036	rVV	489198	445098	13.31%	1.165%
27	8.198	1036	1039	1041	rVV	1198811	1009845	30.19%	2.644%
28	8.251	1044	1048	1050	rVB	268675	253128	7.57%	0.663%
29	8.280	1050	1053	1055	rBV3	88463	83632	2.50%	0.219%
30	8.345	1060	1064	1066	rBV3	91022	100421	3.00%	0.263%
31	8.451	1078	1082	1084	rBV2	338931	286320	8.56%	0.750%
32	8.486	1084	1088	1092	rVV4	363512	394112	11.78%	1.032%
33	8.539	1093	1097	1099	rVV4	127248	163543	4.89%	0.428%
34	8.569	1099	1102	1105	rVV2	128174	157631	4.71%	0.413%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.610	1105	1109	1111	rVV	332736	289644	8.66%	0.758%
36	8.633	1111	1113	1115	rVV2	86108	82269	2.46%	0.215%
37	8.657	1115	1117	1121	rVB4	75577	73608	2.20%	0.193%
38	8.704	1121	1125	1128	rBV4	156497	203288	6.08%	0.532%
39	8.739	1128	1131	1133	rVV	181595	145576	4.35%	0.381%
40	8.780	1134	1138	1142	rVV2	733713	655542	19.60%	1.716%
41	8.816	1142	1144	1147	rVV4	58585	78520	2.35%	0.206%
42	8.875	1151	1154	1158	rVB2	102497	136220	4.07%	0.357%
43	8.939	1162	1165	1168	rBV4	76255	77167	2.31%	0.202%
44	8.969	1168	1170	1173	rBV3	119724	143028	4.28%	0.374%
45	8.992	1173	1174	1176	rVV2	78286	75154	2.25%	0.197%
46	9.016	1176	1178	1180	rVV2	221130	187743	5.61%	0.492%
47	9.039	1180	1182	1184	rVV	243522	195349	5.84%	0.511%
48	9.075	1184	1188	1191	rVV5	210757	273820	8.19%	0.717%
49	9.110	1192	1194	1196	rVB	117113	88074	2.63%	0.231%
50	9.139	1196	1199	1204	rBV5	281133	387618	11.59%	1.015%
51	9.186	1204	1207	1209	rBV	149468	143914	4.30%	0.377%
52	9.210	1209	1211	1217	rVB5	391120	498626	14.91%	1.306%
53	9.275	1217	1222	1225	rBV	3624536	3345321	100.00%	8.759%
54	9.322	1226	1230	1231	rBV3	51241	81417	2.43%	0.213%
55	9.345	1231	1234	1239	rBV	735443	664592	19.87%	1.740%
56	9.422	1245	1247	1250	rBV3	124080	117208	3.50%	0.307%
57	9.516	1260	1263	1269	rBV2	195086	255916	7.65%	0.670%
58	9.580	1272	1274	1276	rVV2	162076	161573	4.83%	0.423%
59	9.604	1276	1278	1280	rVV3	151380	137203	4.10%	0.359%
60	9.622	1280	1281	1284	rVB2	99153	88263	2.64%	0.231%
61	9.663	1284	1288	1291	rBV3	517075	607408	18.16%	1.590%
62	9.686	1291	1292	1296	rVV3	151910	138090	4.13%	0.362%
63	9.727	1296	1299	1302	rVB2	172718	167510	5.01%	0.439%
64	9.769	1304	1306	1308	rVB2	102629	73729	2.20%	0.193%
65	9.816	1310	1314	1317	rBV4	62425	85080	2.54%	0.223%
66	9.874	1321	1324	1328	rVB	661671	512401	15.32%	1.342%
67	9.951	1332	1337	1341	rVB	1094324	1115795	33.35%	2.921%
68	10.016	1344	1348	1350	rBV4	64720	102763	3.07%	0.269%
69	10.104	1359	1363	1366	rBV4	98007	157070	4.70%	0.411%
70	10.133	1366	1368	1370	rVV	119797	103045	3.08%	0.270%
71	10.163	1371	1373	1375	rVB	113101	82369	2.46%	0.216%

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72	10.192	1375	1378	1383	rBV2	208312	297219	8.88%	0.778%
73	10.233	1383	1385	1387	rVB	103645	72274	2.16%	0.189%
74	10.269	1388	1391	1394	rBV4	84093	98996	2.96%	0.259%
75	10.322	1397	1400	1402	rVV3	103698	112085	3.35%	0.293%
76	10.374	1406	1409	1412	rVV	626965	510867	15.27%	1.338%
77	10.404	1412	1414	1416	rVV	114278	105166	3.14%	0.275%
78	10.433	1416	1419	1424	rVB5	86125	129722	3.88%	0.340%
79	10.592	1442	1446	1449	rBV	342350	376981	11.27%	0.987%
80	10.645	1452	1455	1458	rBV2	111162	94410	2.82%	0.247%
81	10.674	1458	1460	1464	rBV2	66356	78914	2.36%	0.207%
82	10.716	1464	1467	1468	rBV2	106897	96880	2.90%	0.254%
83	10.739	1468	1471	1475	rVB	1538823	1431494	42.79%	3.748%
84	10.845	1486	1489	1498	rVB2	507822	795556	23.78%	2.083%
85	11.039	1519	1522	1524	rBV	78176	73789	2.21%	0.193%
86	11.292	1562	1565	1568	rBV	348377	313055	9.36%	0.820%
87	11.321	1568	1570	1577	rVB	288583	339480	10.15%	0.889%
88	11.439	1586	1590	1593	rBV	993668	830986	24.84%	2.176%
89	11.604	1615	1618	1622	rVB3	75529	82345	2.46%	0.216%
90	11.674	1627	1630	1635	rVV4	85258	94946	2.84%	0.249%
91	11.721	1635	1638	1641	rVB	301839	229237	6.85%	0.600%
92	12.127	1704	1707	1711	rVB	211828	164193	4.91%	0.430%
93	12.515	1770	1773	1776	rVB	157150	121585	3.63%	0.318%
94	12.698	1801	1804	1807	rVB	237858	186467	5.57%	0.488%
95	12.886	1833	1836	1843	rVB2	109518	114793	3.43%	0.301%
96	13.021	1855	1859	1863	rBV	2540395	2532900	75.71%	6.632%
97	13.904	2006	2009	2021	rVB2	65877	93854	2.81%	0.246%
98	14.080	2035	2039	2042	rVB	829962	739238	22.10%	1.936%
99	15.568	2287	2292	2299	rVB	463248	602098	18.00%	1.576%
100	17.256	2573	2579	2589	rVB8	55728	129600	3.87%	0.339%

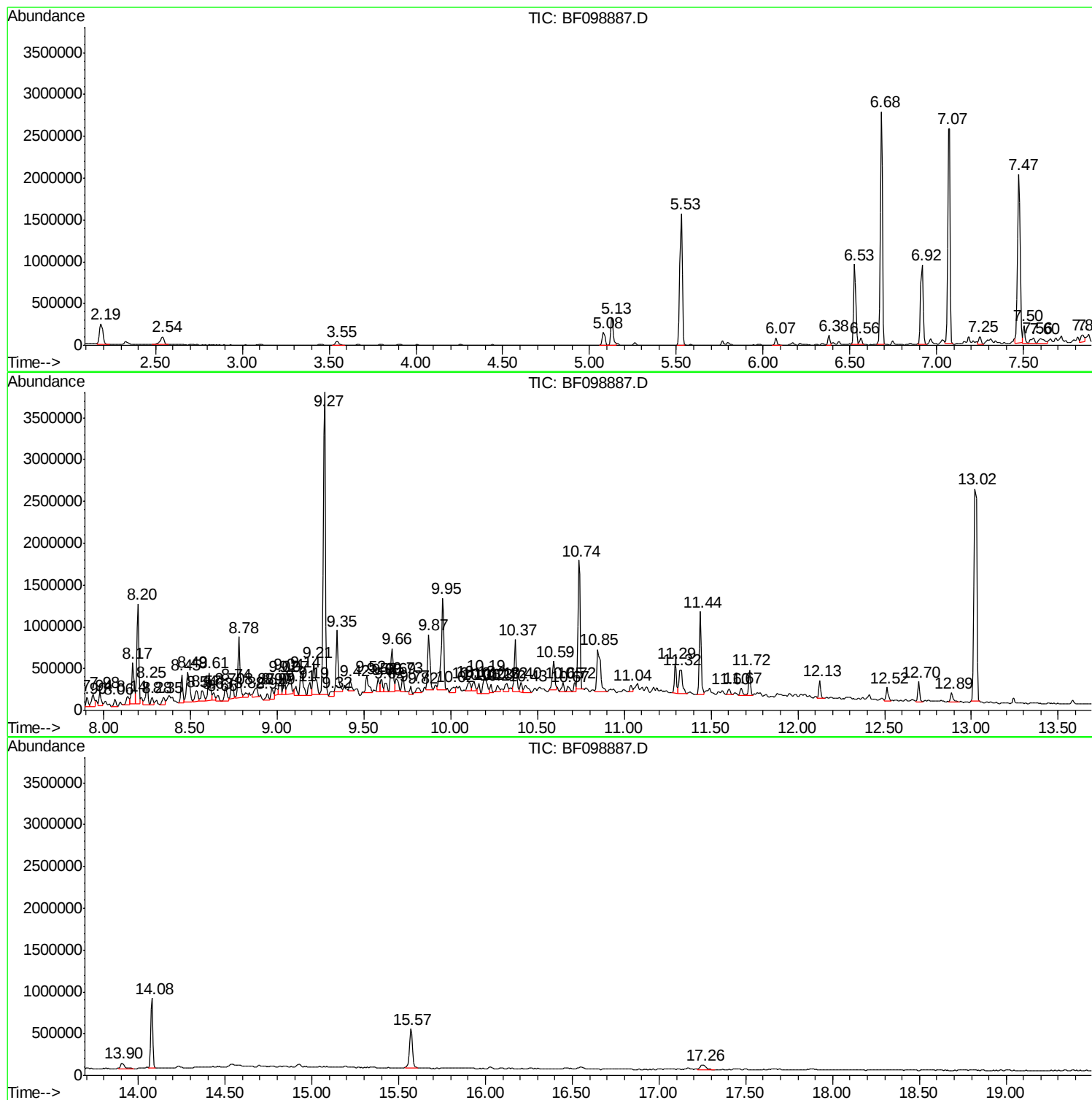
Sum of corrected areas: 38192693

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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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Instrument :
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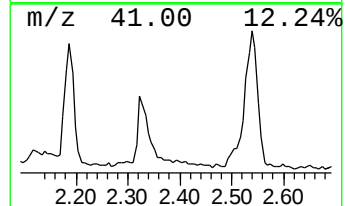
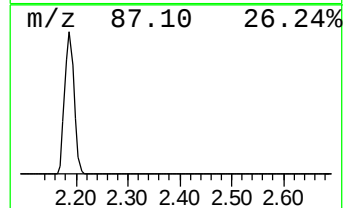
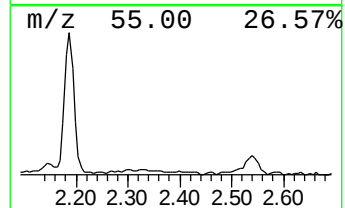
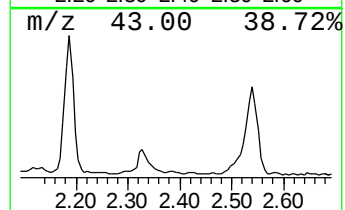
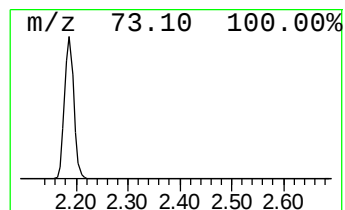
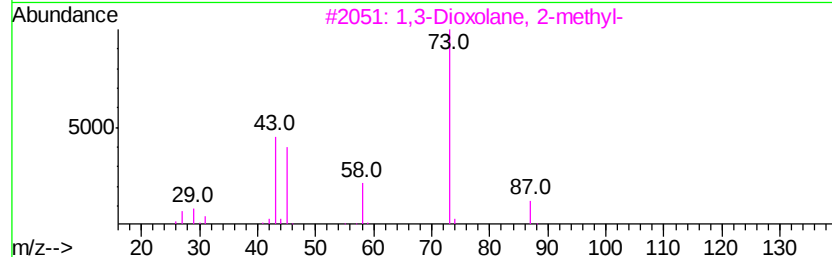
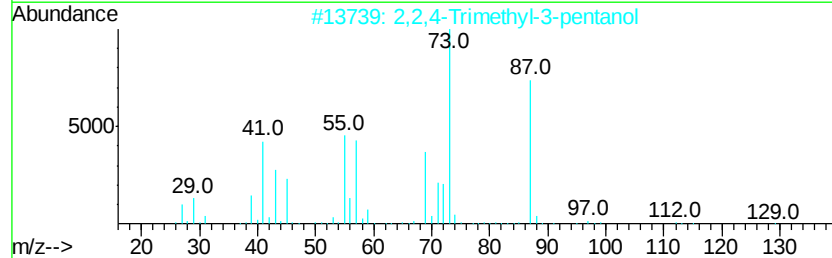
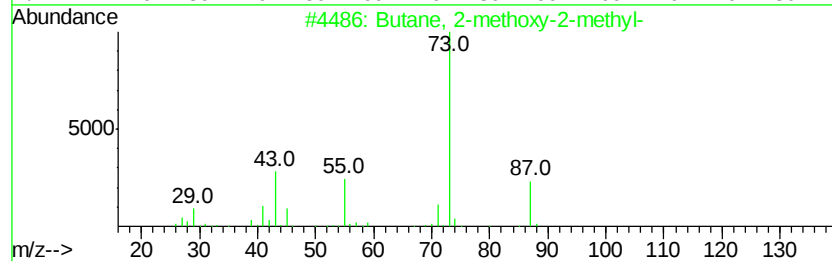
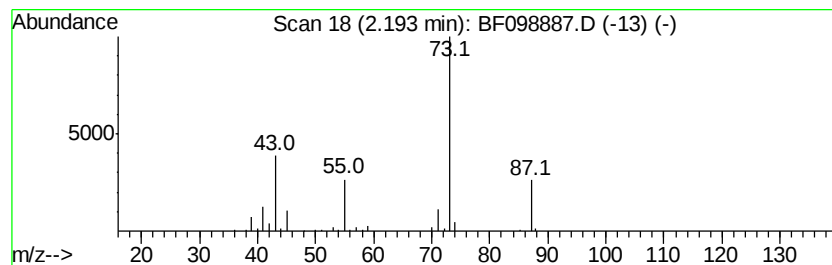
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	7.58 ng	306077	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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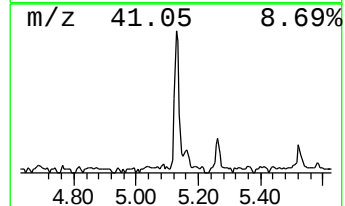
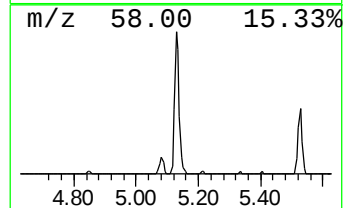
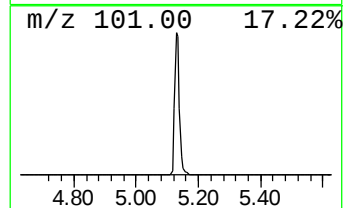
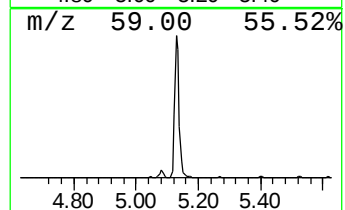
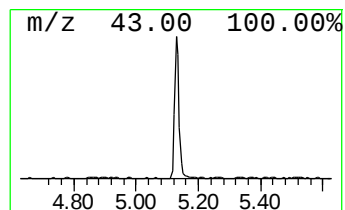
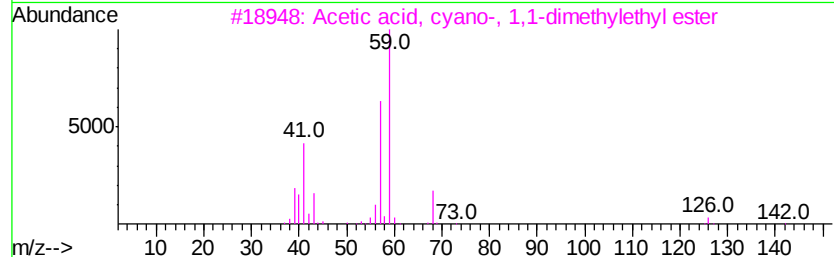
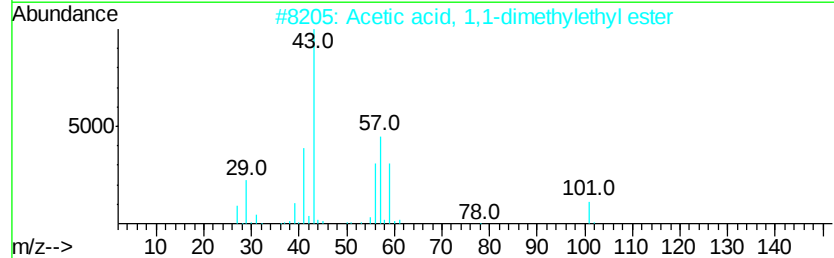
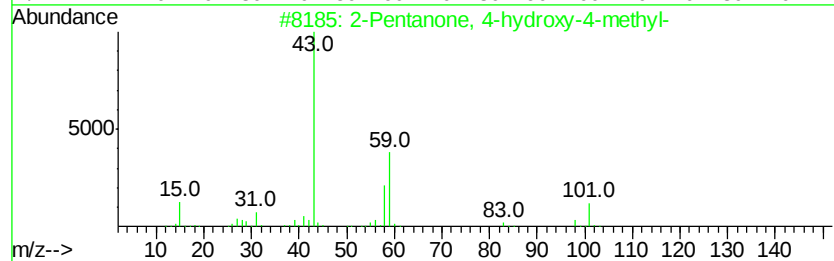
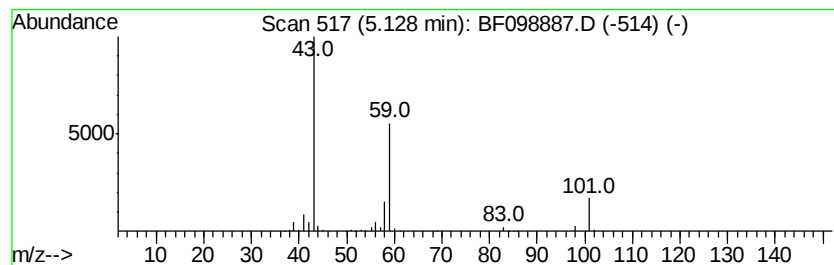
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	8.43 ng	340252	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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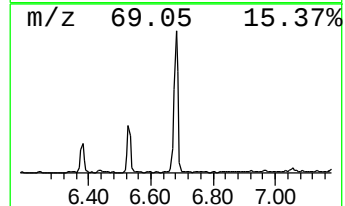
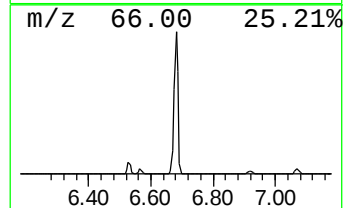
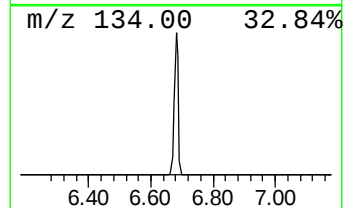
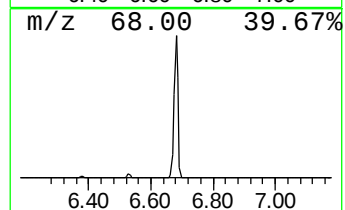
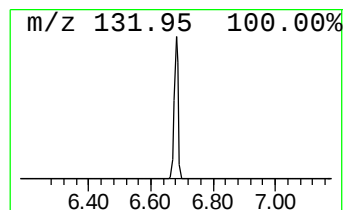
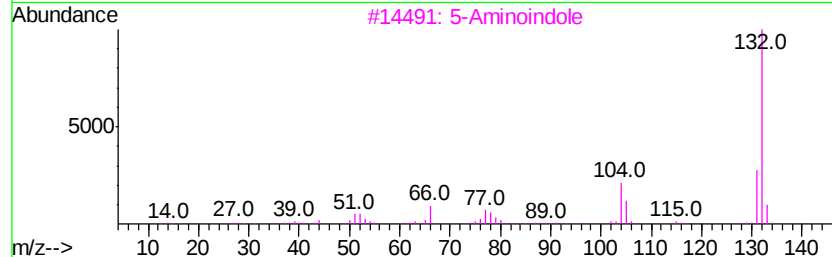
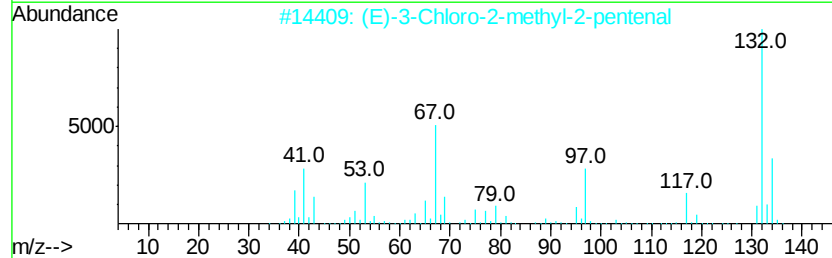
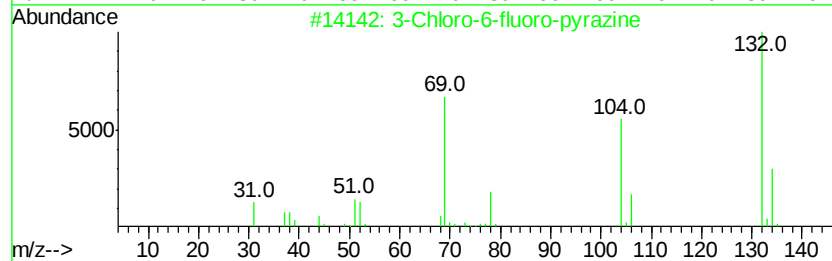
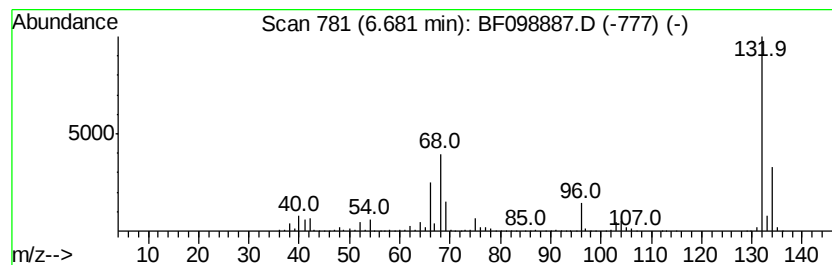
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	62.83 ng	2535760	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	16
3	5-Aminoindole			132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-59-9	9



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Data File : BF098887.D
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Operator : SJ/JU
Sample : I5429-01
Misc :
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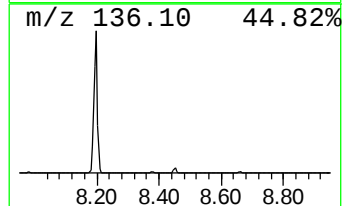
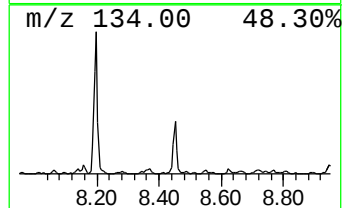
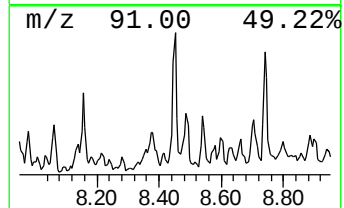
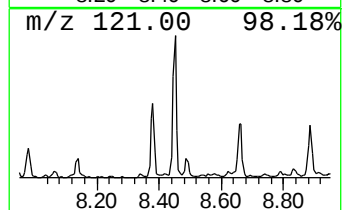
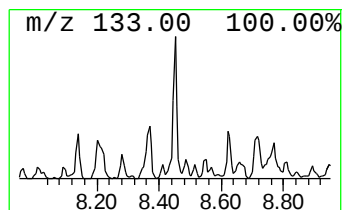
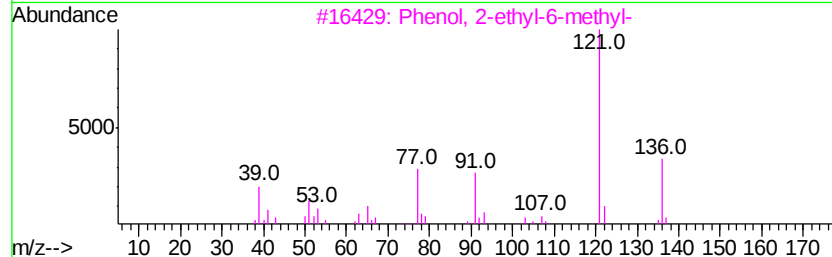
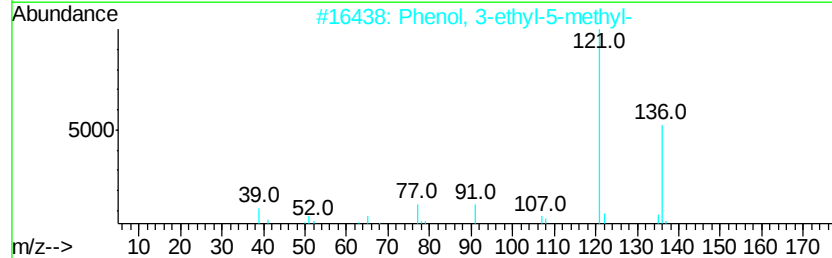
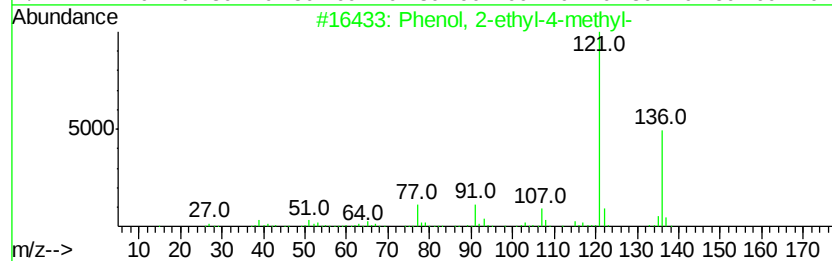
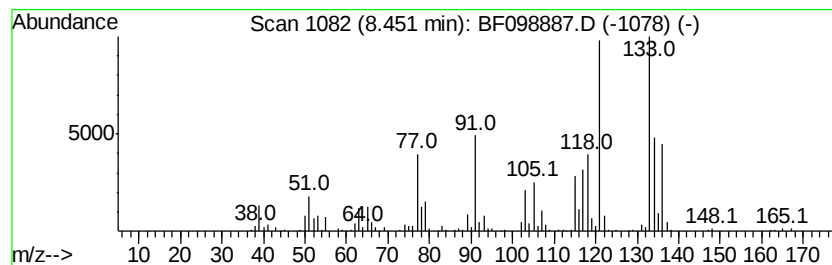
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.45 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	5.67 ng	286320	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	46
2		Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	41
3		Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	41
4		Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	41
5		Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	38



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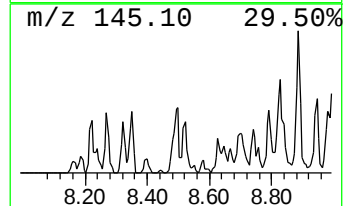
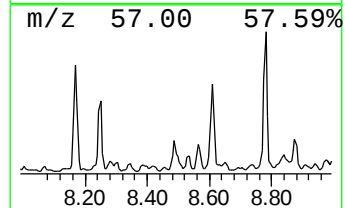
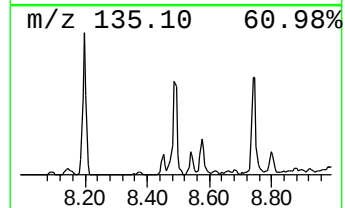
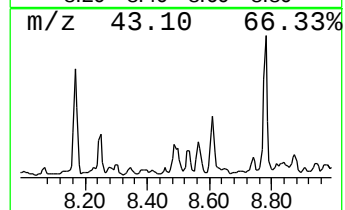
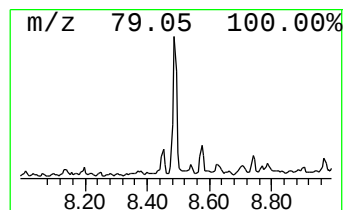
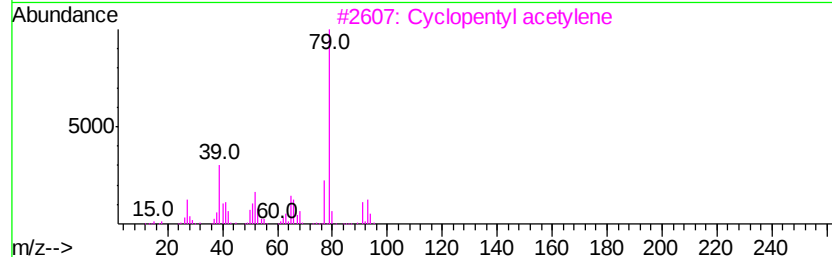
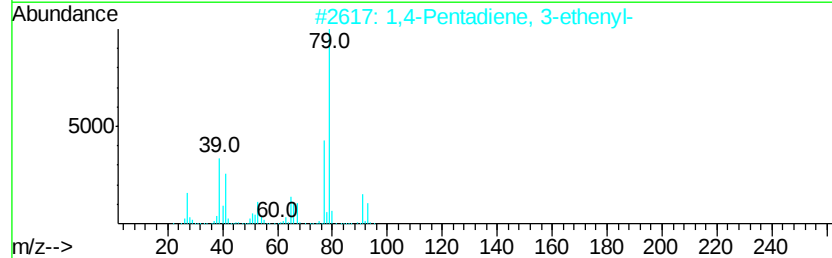
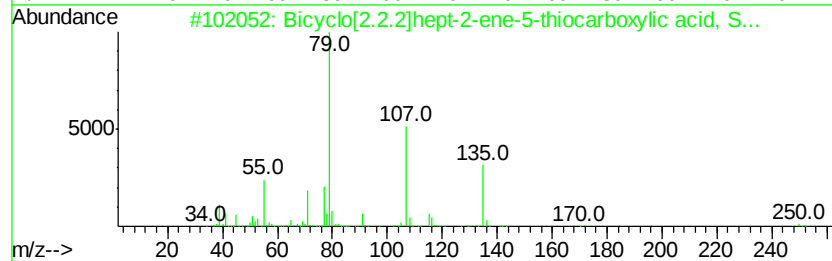
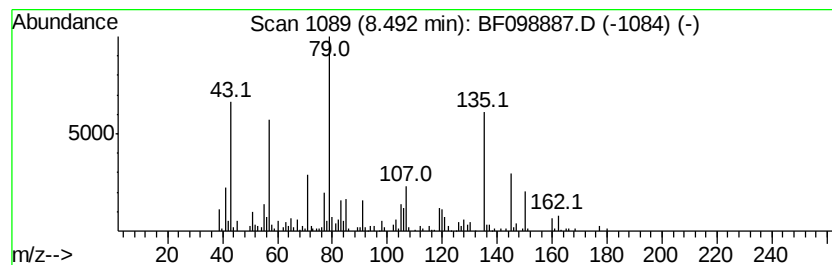
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown8.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	7.81 ng	394112	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.2]hept-2-ene-5-thioc...	250	C13H14OS2	255820-14-5	37
2		1,4-Pentadiene, 3-ethenyl-	94	C7H10	026456-63-3	22
3		Cyclopentyl acetylene	94	C7H10	054140-30-6	22
4		Bicyclo[3.1.1]hept-2-ene-2-metha...	152	C10H16O	000515-00-4	17
5		Bicyclo[3.2.1]oct-2-ene, exo-4-(...	248	C14H16O2S	1000142-99-0	17



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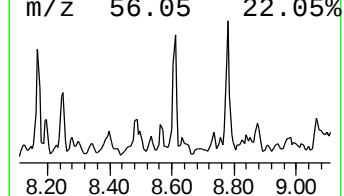
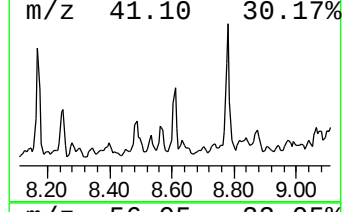
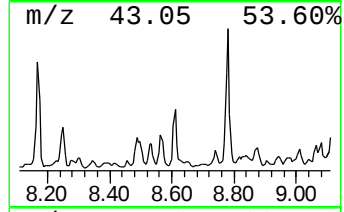
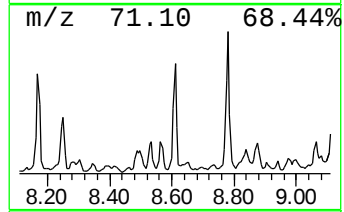
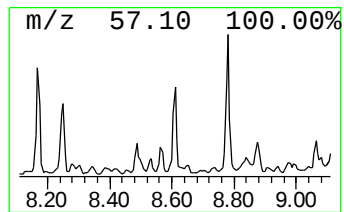
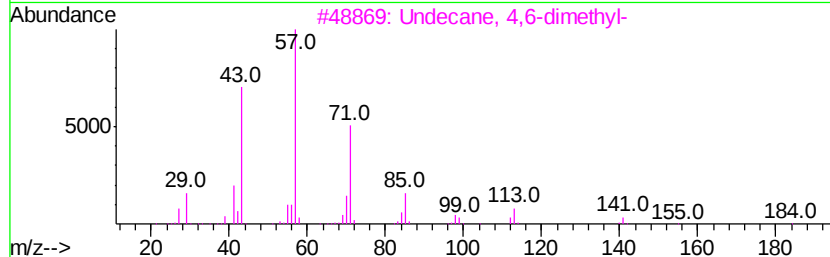
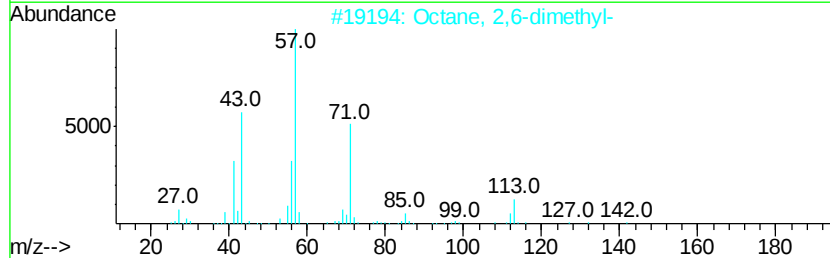
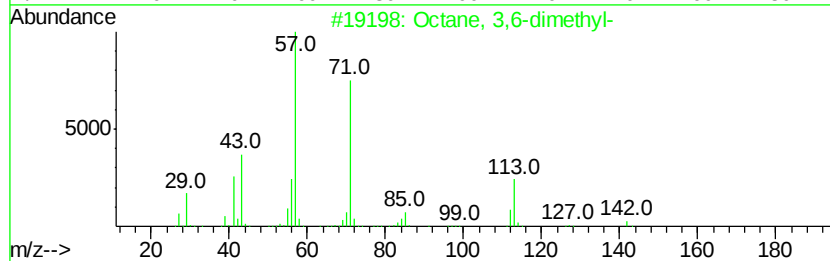
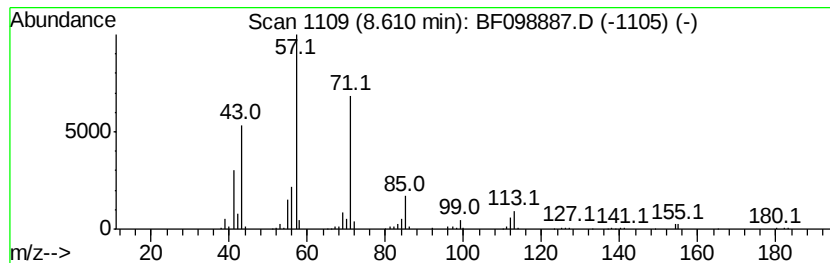
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	5.74 ng	289644	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59



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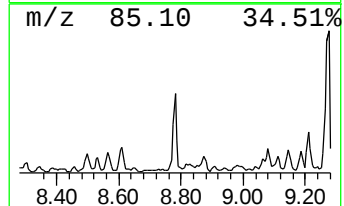
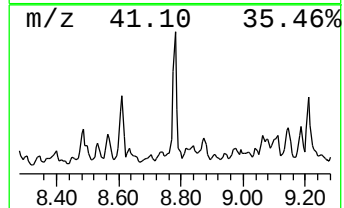
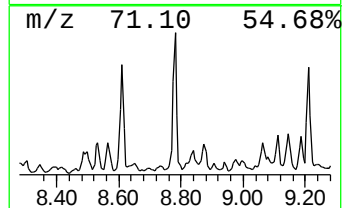
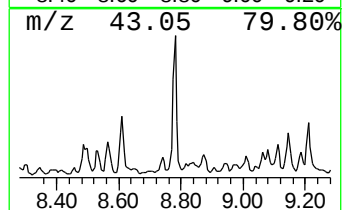
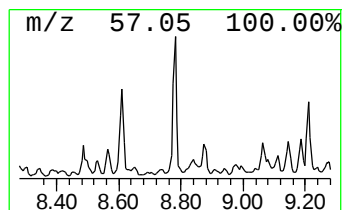
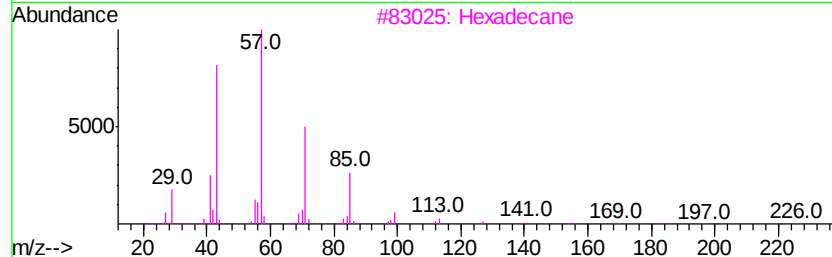
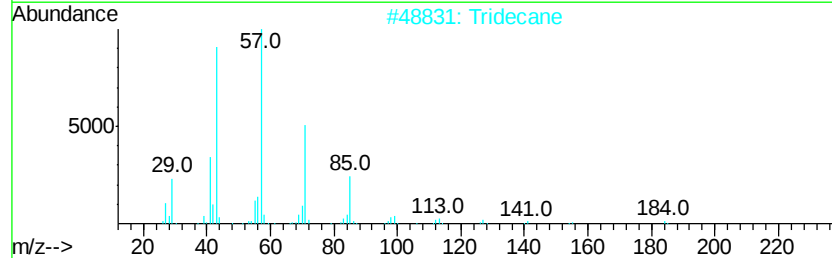
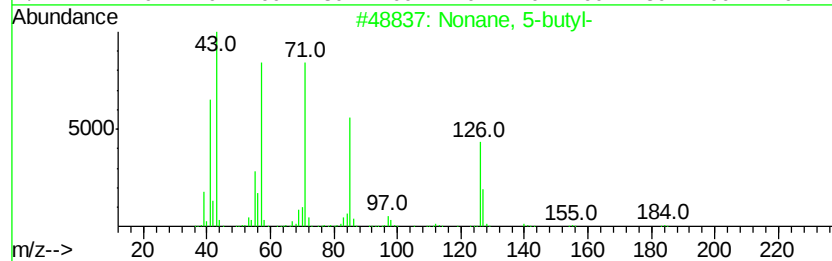
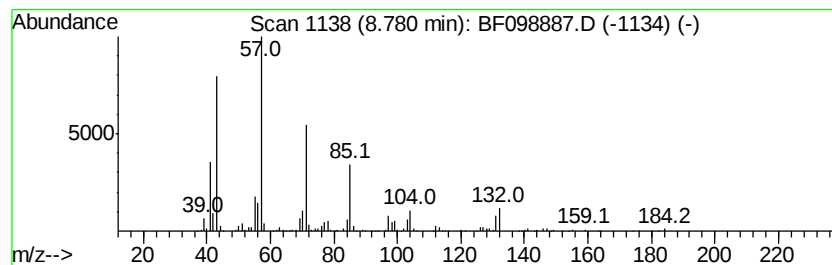
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonane, 5-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	12.98 ng	655542	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
2		Tridecane	184	C13H28	000629-50-5	64
3		Hexadecane	226	C16H34	000544-76-3	58
4		Tetradecane	198	C14H30	000629-59-4	58
5		Pentadecane	212	C15H32	000629-62-9	53



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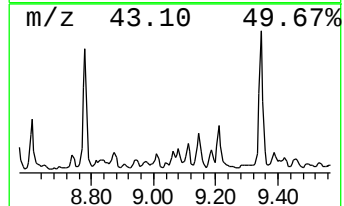
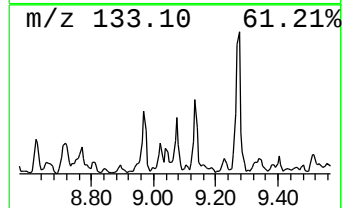
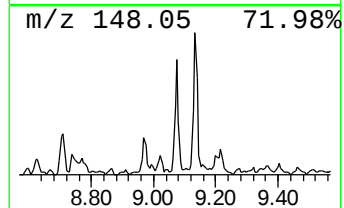
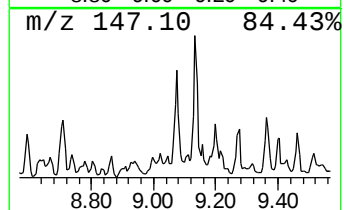
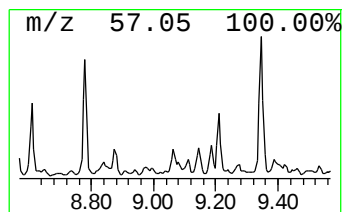
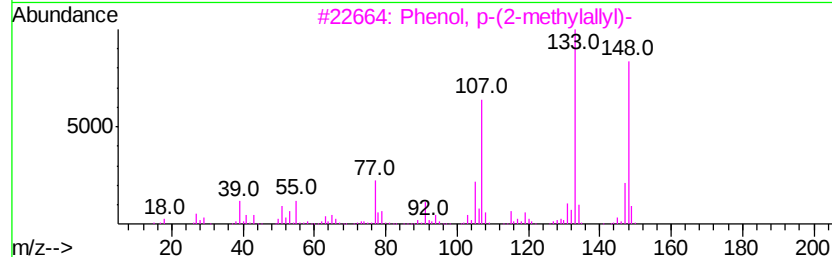
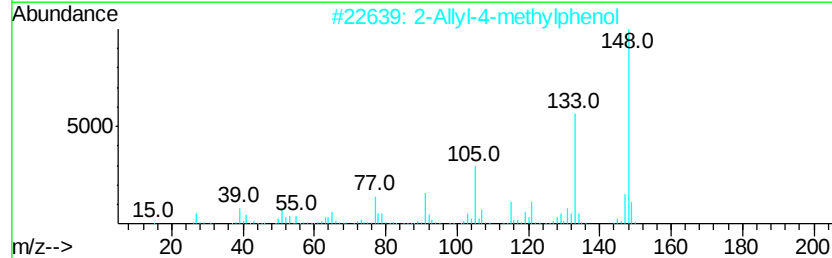
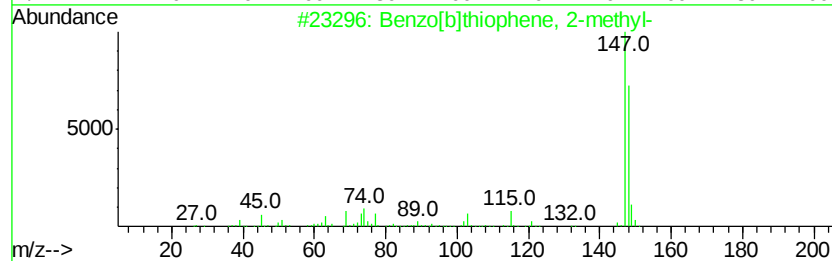
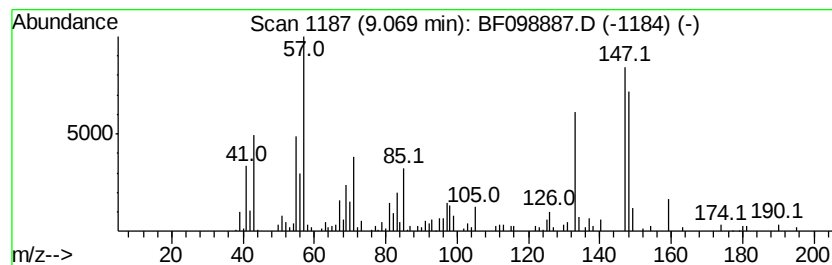
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzo[b]thiophene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	5.42 ng	273820	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	50
2		2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	49
3		Phenol, p-(2-methylallyl)-	148	C10H12O	033641-78-0	49
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	46
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	46



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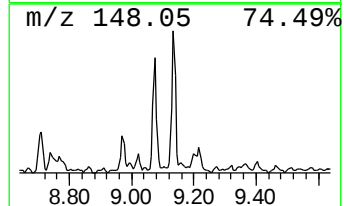
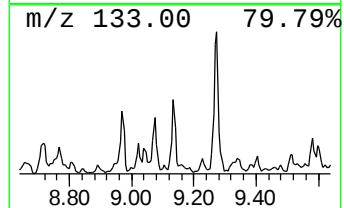
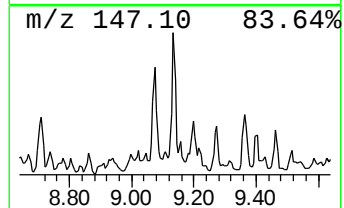
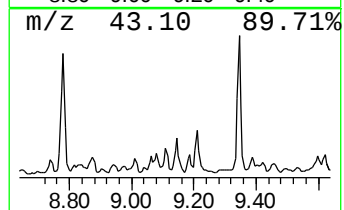
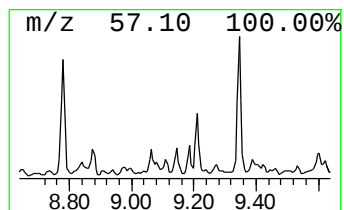
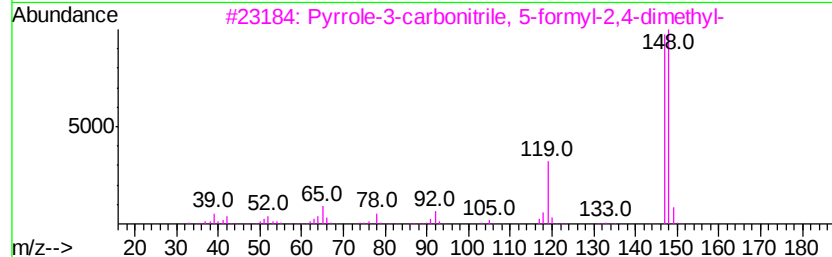
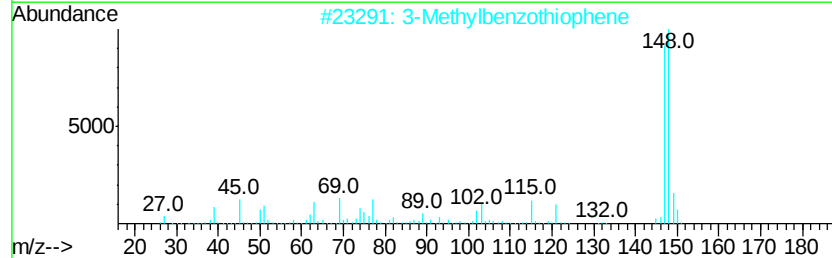
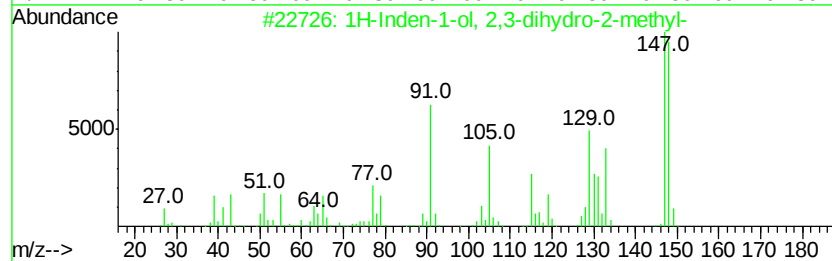
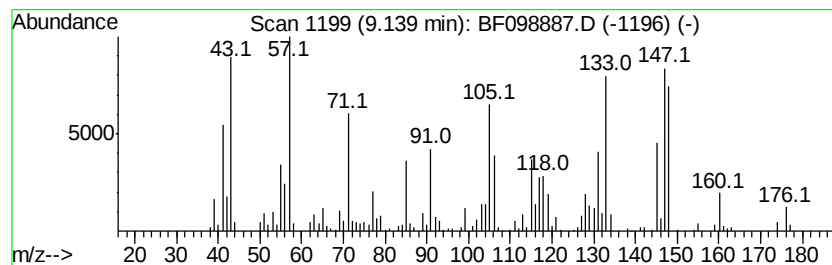
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown9.14 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	6.95 ng	387618	Acenaphthene-d10	9.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-ol, 2,3-dihydro-2-met...	148	C10H12O	017496-18-3	43
2			3-Methylbenzothiophene	148	C9H8S	001455-18-1	38
3			Pyrrole-3-carbonitrile, 5-formyl...	148	C8H8N2O	032487-71-1	38
4			Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	35
5			1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	35



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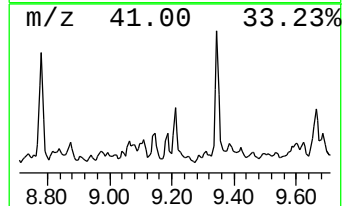
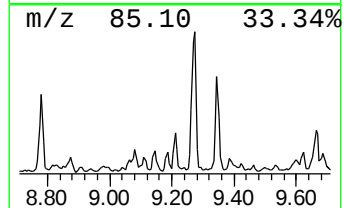
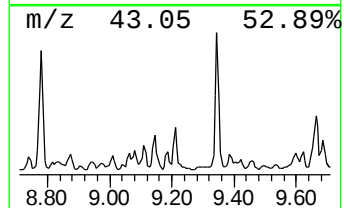
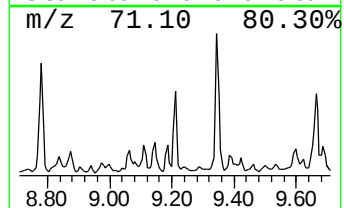
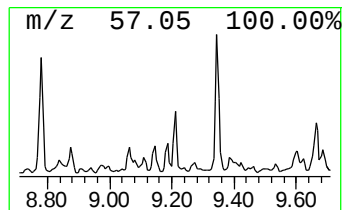
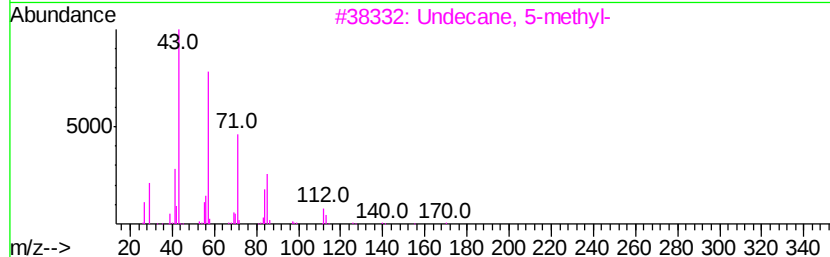
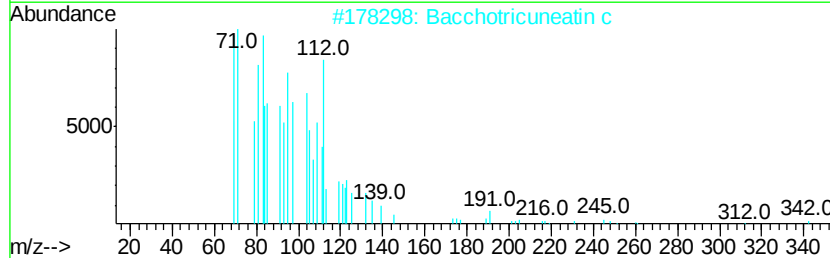
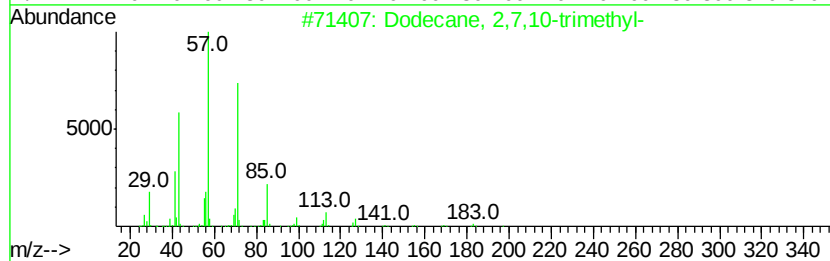
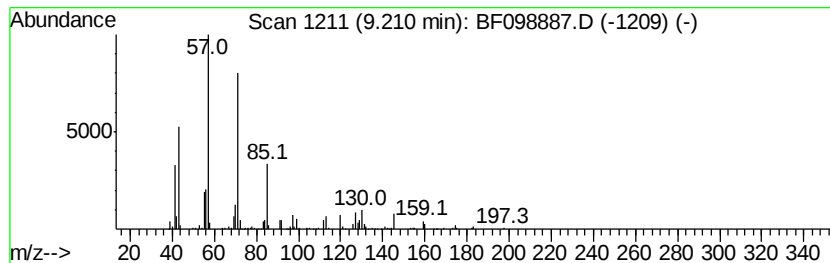
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	8.94 ng	498626	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
Data File : BF098887.D
Acq On : 28 Sep 2017 2:41
Operator : SJ/JU
Sample : I5429-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SV-26493-LM

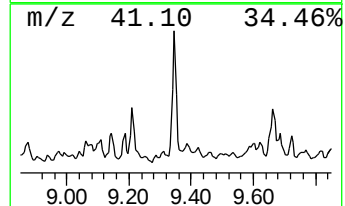
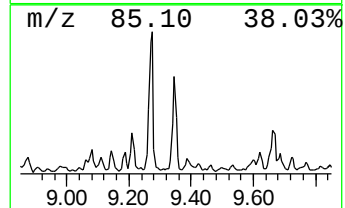
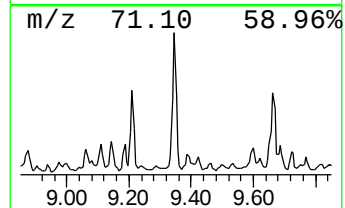
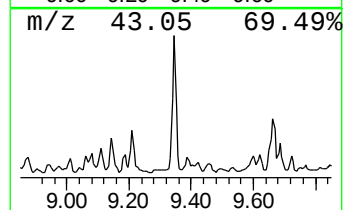
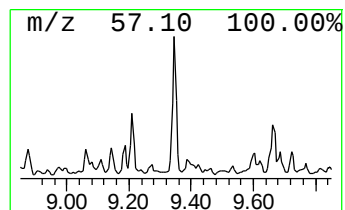
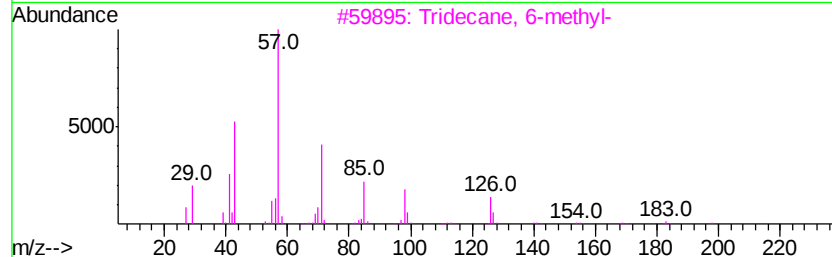
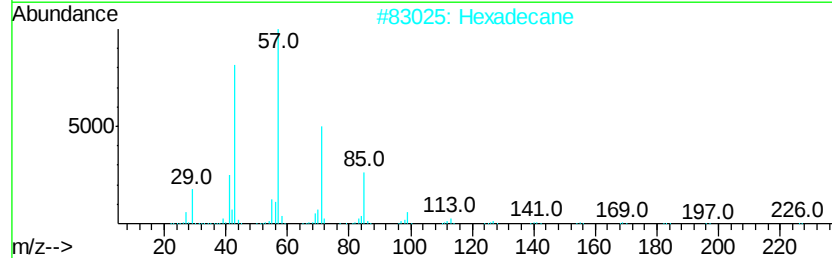
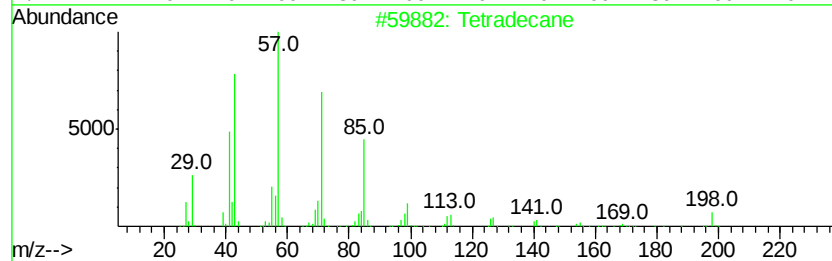
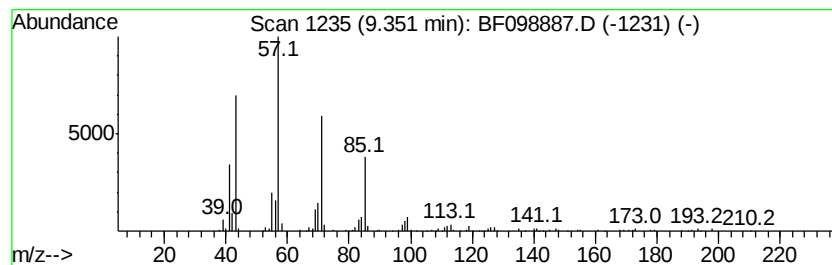
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	11.91 ng	664592	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
4		Pentadecane	212	C15H32	000629-62-9	86
5		9-methylheptadecane	254	C18H38	026741-18-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
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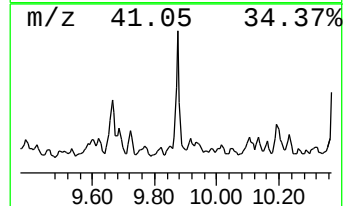
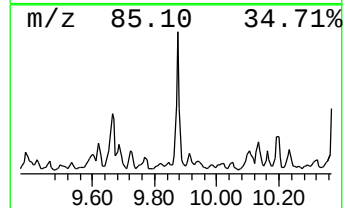
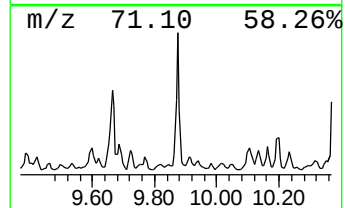
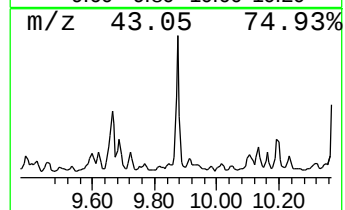
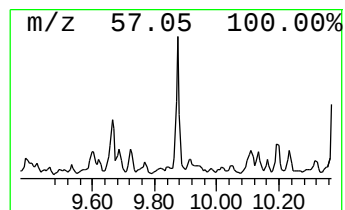
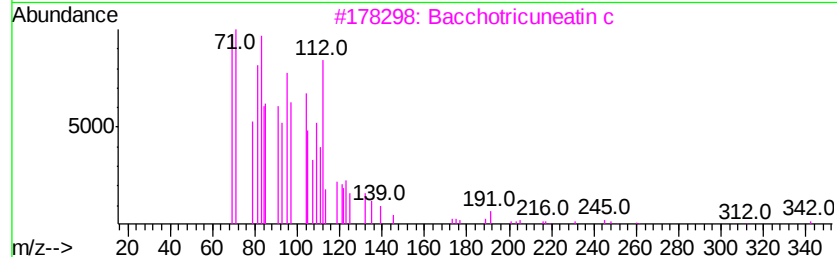
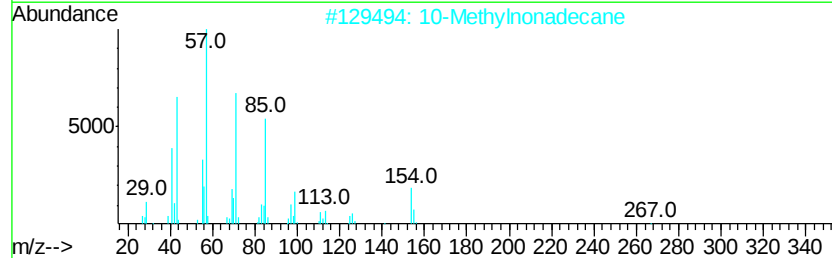
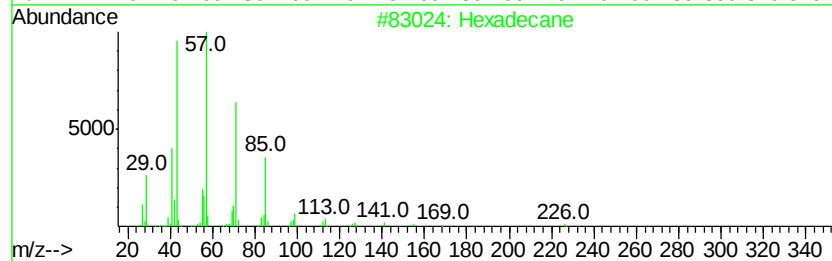
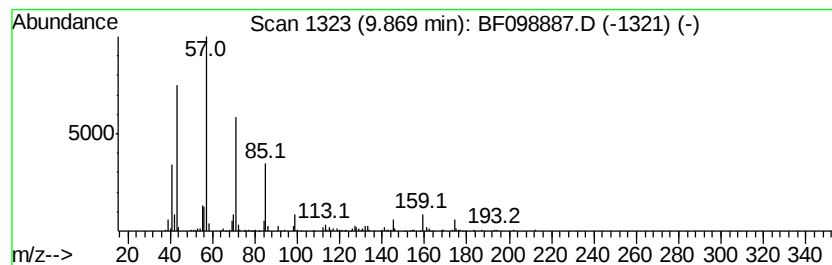
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	9.18 ng	512401	Acenaphthene-d10	9.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			10-Methylnonadecane	282	C20H42	056862-62-5	83
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
Data File : BF098887.D
Acq On : 28 Sep 2017 2:41
Operator : SJ/JU
Sample : I5429-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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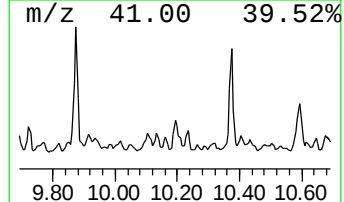
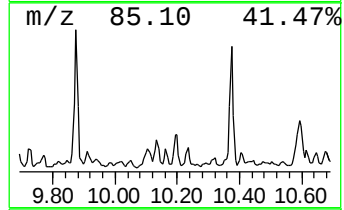
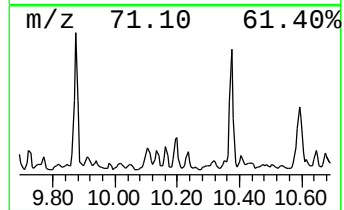
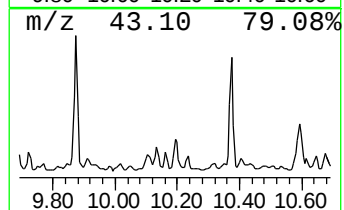
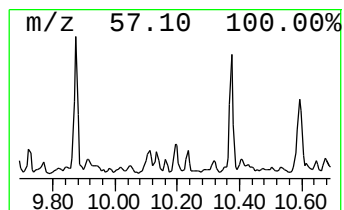
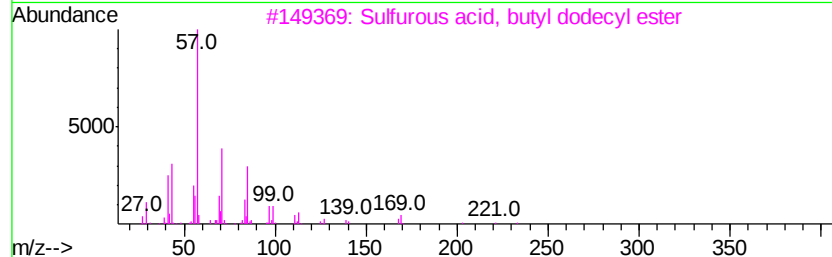
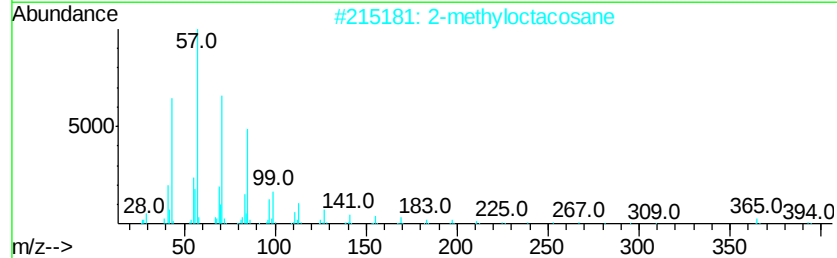
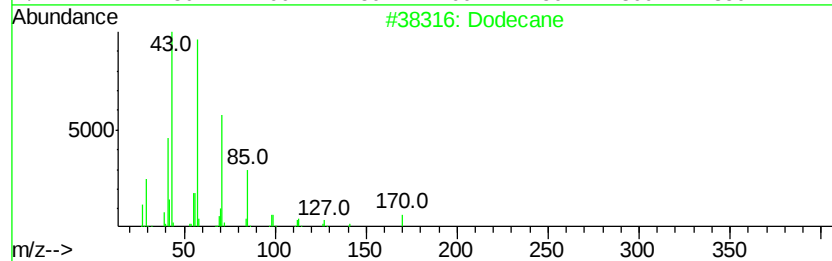
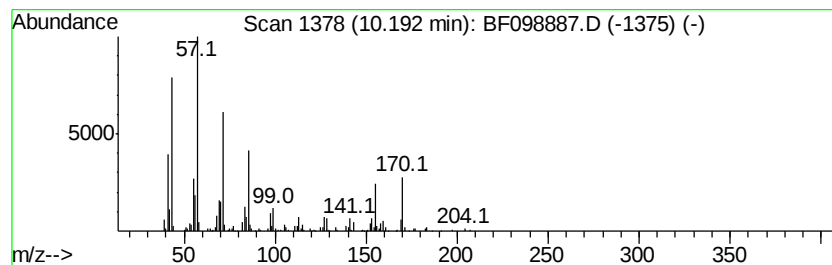
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	5.33 ng	297219	Acenaphthene-d10	9.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	89
2			2-methyloctacosane	408	C29H60	1000376-72-8	62
3			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	62
4			Octacosane	394	C28H58	000630-02-4	62
5			Heptacosane	380	C27H56	000593-49-7	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
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Operator : SJ/JU
Sample : I5429-01
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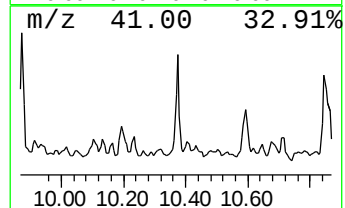
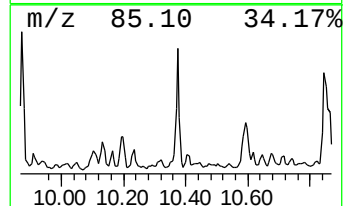
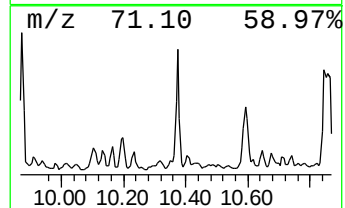
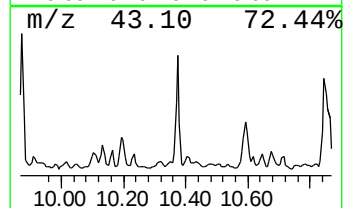
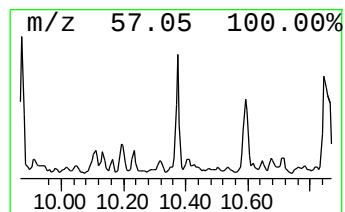
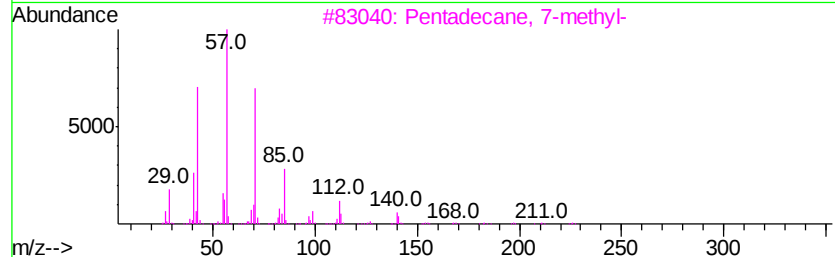
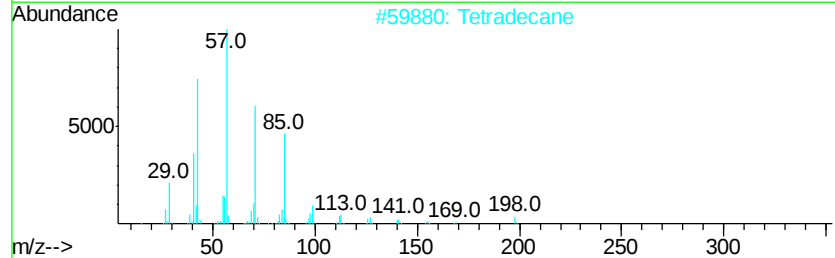
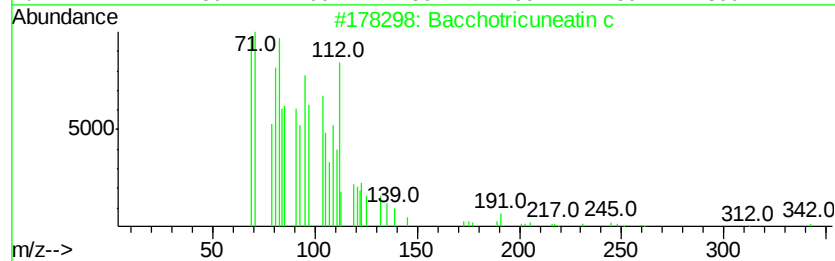
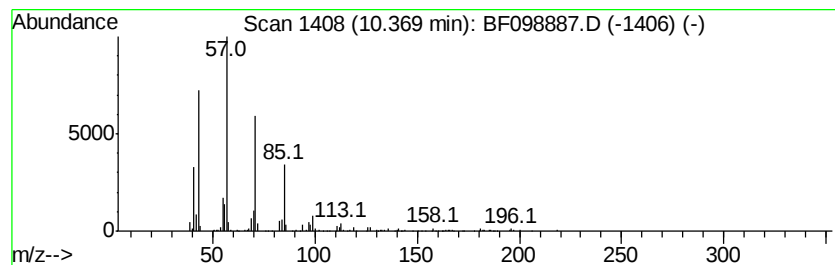
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.37	9.16 ng	510867	Acenaphthene-d10		9.95
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Heptadecane	240	C17H36	000629-78-7	83
5	Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
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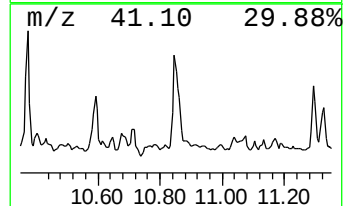
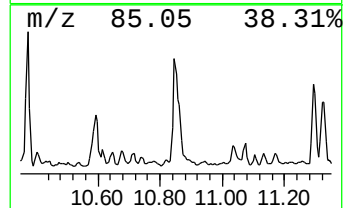
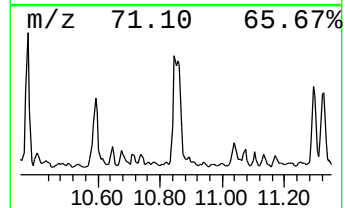
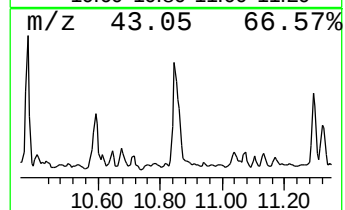
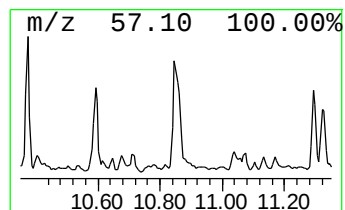
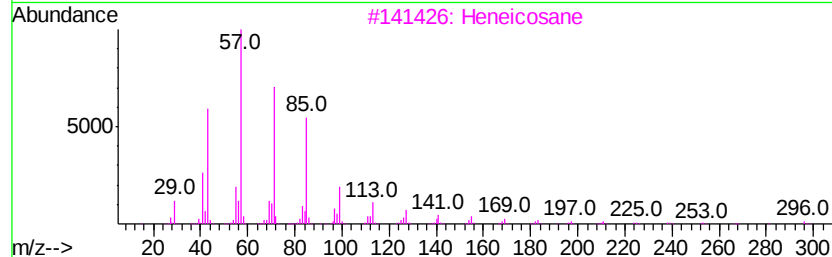
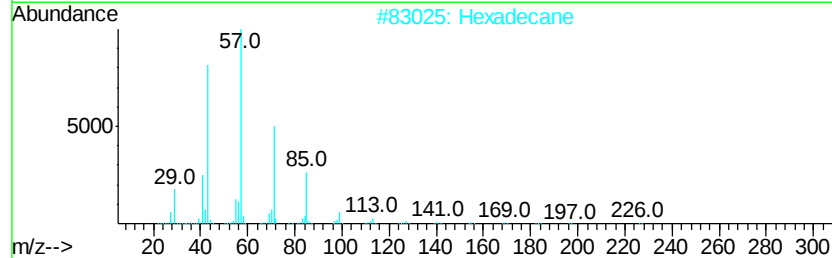
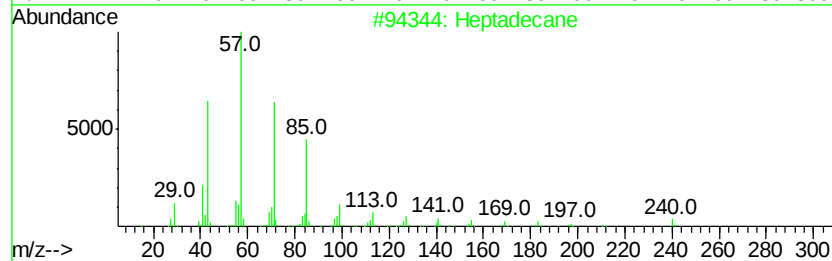
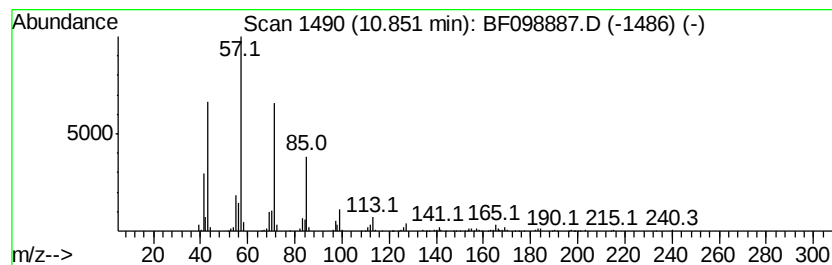
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.85	19.15 ng	795556	Phenanthrene-d10		11.44	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Hexadecane		226	C16H34	000544-76-3	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Nonane, 5-butyl-		184	C13H28	017312-63-9	86
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098887.D
Acq On : 28 Sep 2017 2:41
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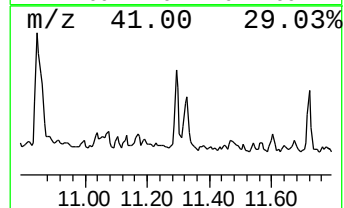
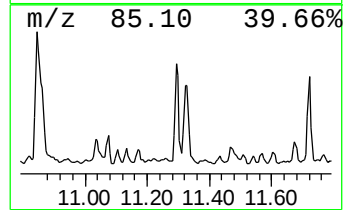
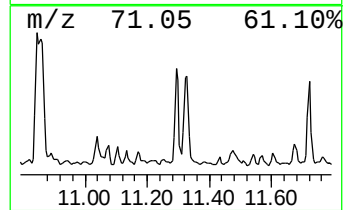
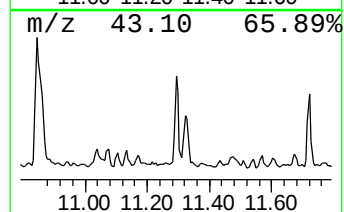
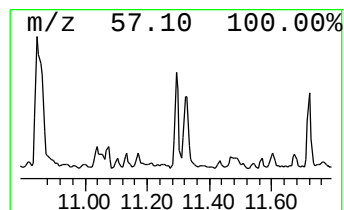
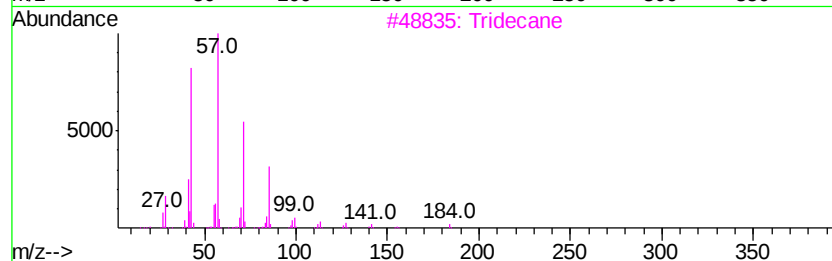
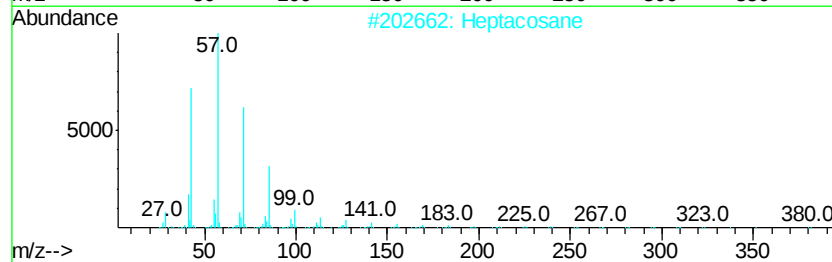
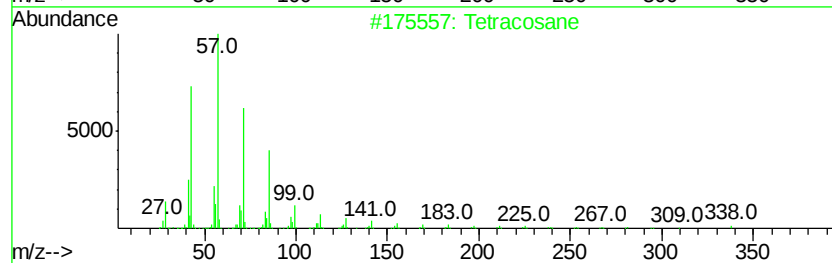
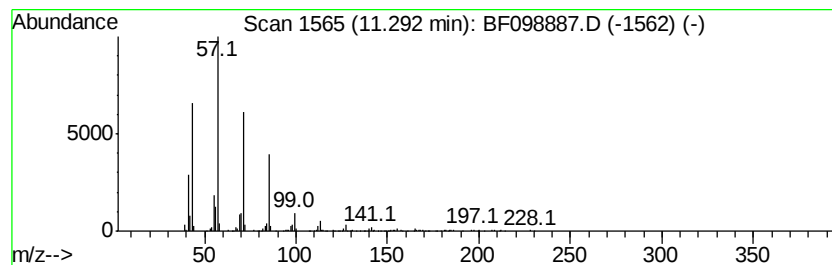
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	7.53 ng	313055	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Heptacosane	380	C27H56	000593-49-7	86
3		Tridecane	184	C13H28	000629-50-5	80
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
5		Hexadecane	226	C16H34	000544-76-3	72



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ALS Vial : 23 Sample Multiplier: 1

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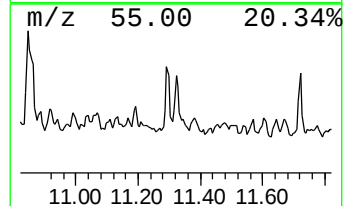
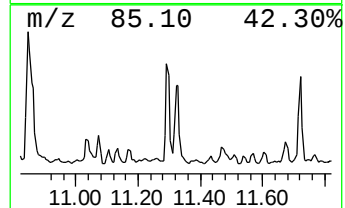
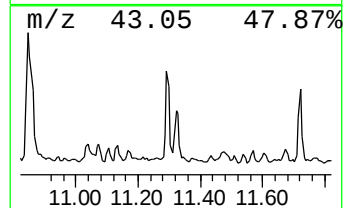
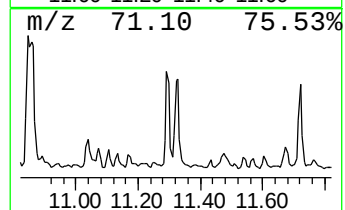
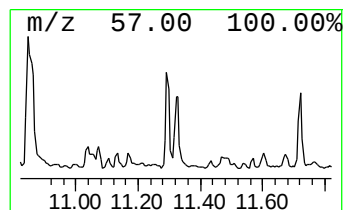
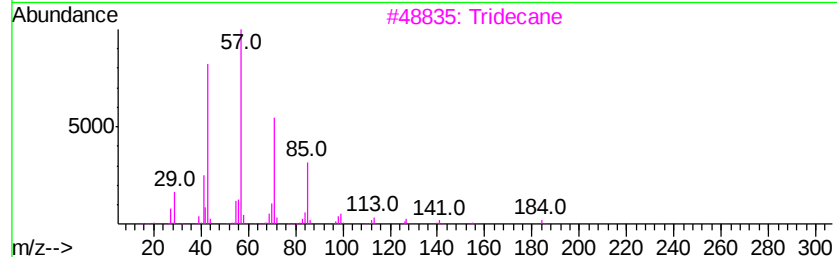
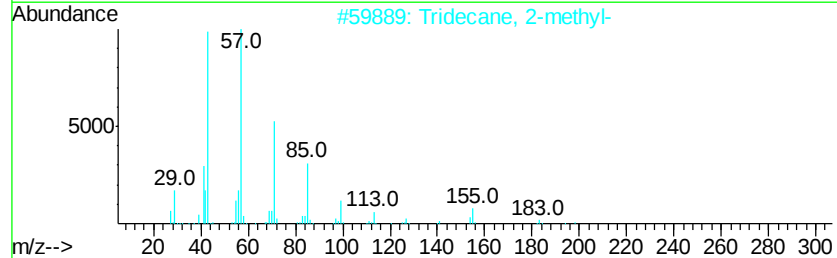
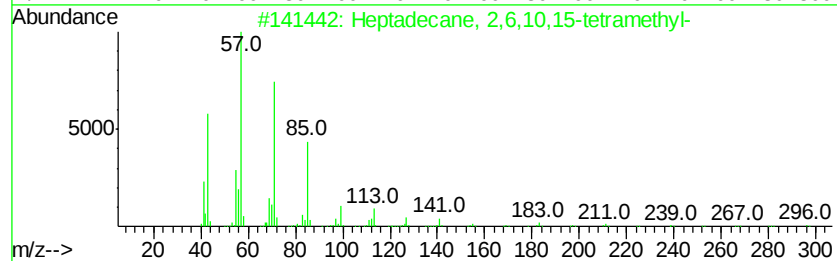
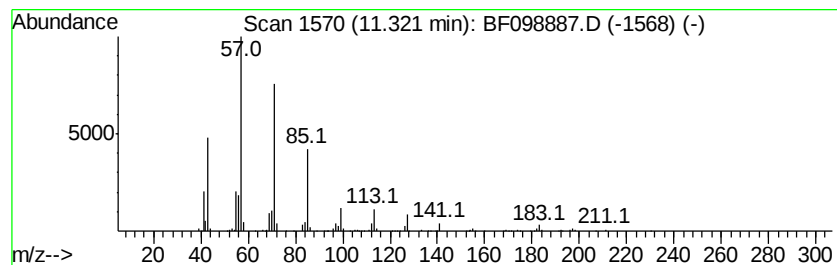
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	8.17 ng	339480	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
5		Eicosane	282	C20H42	000112-95-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
 Data File : BF098887.D
 Acq On : 28 Sep 2017 2:41
 Operator : SJ/JU
 Sample : I5429-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV-26493-LM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
Butane, 2-methoxy...	2.19	7.6	ng	306077	1	6.92	807117	20.0
2-Pentanone, 4-hy...	5.13	8.4	ng	340252	1	6.92	807117	20.0
unknown6.68	6.68	62.8	ng	2535760	1	6.92	807117	20.0
unknown8.45	8.45	5.7	ng	286320	2	8.20	1009850	20.0
unknown8.49	8.49	7.8	ng	394112	2	8.20	1009850	20.0
Octane, 3,6-dimet...	8.61	5.7	ng	289644	2	8.20	1009850	20.0
Nonane, 5-butyl-	8.78	13.0	ng	655542	2	8.20	1009850	20.0
Benzo[b]thiophene...	9.07	5.4	ng	273820	2	8.20	1009850	20.0
unknown9.14	9.14	7.0	ng	387618	3	9.95	1115800	20.0
Dodecane, 2,7,10-...	9.21	8.9	ng	498626	3	9.95	1115800	20.0
Tetradecane	9.35	11.9	ng	664592	3	9.95	1115800	20.0
Hexadecane	9.87	9.2	ng	512401	3	9.95	1115800	20.0
Dodecane	10.19	5.3	ng	297219	3	9.95	1115800	20.0
Bacchotricuneatin c	10.37	9.2	ng	510867	3	9.95	1115800	20.0
Heptadecane	10.85	19.1	ng	795556	4	11.44	830986	20.0
Tetracosane	11.29	7.5	ng	313055	4	11.44	830986	20.0
Heptadecane, 2,6,...	11.32	8.2	ng	339480	4	11.44	830986	20.0