

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100885.D
 Acq On : 27 Nov 2017 12:11
 Operator : SJ/JU
 Sample : I6574-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-109-5-(5-10)

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-BF110817.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	5.475	569	576	579	rBV	1401365	1374391	39.22%	1.929%
2	6.487	743	748	753	rBV	1363631	1499861	42.80%	2.105%
3	6.628	768	772	775	rVV	1609057	1472722	42.03%	2.067%
4	6.687	779	782	785	rBV3	269210	269722	7.70%	0.379%
5	6.857	808	811	815	rVB2	655722	672490	19.19%	0.944%
6	6.969	823	830	832	rBV4	117171	201135	5.74%	0.282%
7	7.016	832	838	840	rBV	1150084	1180875	33.70%	1.658%
8	7.128	854	857	860	rVB	325255	288772	8.24%	0.405%
9	7.240	871	876	880	rBV2	287021	424075	12.10%	0.595%
10	7.392	897	902	904	rBV	337308	423302	12.08%	0.594%
11	7.422	904	907	909	rBV	873639	759747	21.68%	1.066%
12	7.451	909	912	915	rVB	865051	744643	21.25%	1.045%
13	7.504	915	921	923	rVB4	341660	481110	13.73%	0.675%
14	7.563	923	931	934	rBV5	222685	574342	16.39%	0.806%
15	7.663	944	948	950	rVB3	367973	424518	12.12%	0.596%
16	7.739	956	961	962	rBV3	242214	262379	7.49%	0.368%
17	7.781	966	968	971	rVB3	304443	274526	7.83%	0.385%
18	7.822	971	975	977	rVB3	426788	470358	13.42%	0.660%
19	7.851	977	980	983	rBV3	401163	389245	11.11%	0.546%
20	7.887	983	986	988	rBV3	397205	405496	11.57%	0.569%
21	7.934	991	994	995	rBV	294919	247310	7.06%	0.347%
22	8.010	1004	1007	1010	rBV2	307531	310724	8.87%	0.436%
23	8.045	1010	1013	1016	rBV3	262448	309098	8.82%	0.434%
24	8.122	1016	1026	1028	rBV2	1973784	2484696	70.91%	3.488%
25	8.139	1028	1029	1032	rVB	543819	395924	11.30%	0.556%
26	8.198	1035	1039	1041	rVB2	1007838	1074668	30.67%	1.508%
27	8.228	1041	1044	1047	rBV3	389444	423057	12.07%	0.594%
28	8.292	1051	1055	1057	rBV3	228966	309456	8.83%	0.434%
29	8.339	1061	1063	1066	rVB2	487391	443011	12.64%	0.622%
30	8.434	1074	1079	1083	rBV5	779223	991874	28.31%	1.392%
31	8.487	1085	1088	1091	rVB3	384168	415692	11.86%	0.584%
32	8.516	1091	1093	1097	rBV3	560796	584068	16.67%	0.820%
33	8.557	1097	1100	1102	rBV	939618	878881	25.08%	1.234%
34	8.604	1106	1108	1111	rVB2	275423	260691	7.44%	0.366%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.645	1112	1115	1118	rBV2	736533	656146	18.73%	0.921%
36	8.681	1118	1121	1124	rBV3	166413	210192	6.00%	0.295%
37	8.734	1126	1130	1133	rBV	2178794	1954345	55.77%	2.743%
38	8.769	1133	1136	1138	rBV3	199957	261523	7.46%	0.367%
39	8.828	1143	1146	1149	rVB2	491244	608443	17.36%	0.854%
40	8.892	1154	1157	1159	rBV2	267756	246266	7.03%	0.346%
41	8.928	1159	1163	1164	rBV4	174889	256659	7.32%	0.360%
42	8.969	1167	1170	1172	rBV2	780485	650087	18.55%	0.913%
43	9.016	1174	1178	1179	rBV3	324748	354347	10.11%	0.497%
44	9.092	1187	1191	1196	rVB3	594618	804990	22.97%	1.130%
45	9.134	1196	1198	1200	rBV	457448	367309	10.48%	0.516%
46	9.163	1200	1203	1205	rVV3	1022108	867622	24.76%	1.218%
47	9.216	1209	1212	1217	rVB	1395670	1424069	40.64%	1.999%
48	9.257	1217	1219	1221	rBV2	257057	214889	6.13%	0.302%
49	9.304	1222	1227	1229	rBV	2251972	2513237	71.72%	3.528%
50	9.339	1230	1233	1234	rVV3	282248	275710	7.87%	0.387%
51	9.369	1236	1238	1241	rVB	641719	596183	17.01%	0.837%
52	9.475	1254	1256	1263	rVB5	297455	424600	12.12%	0.596%
53	9.534	1263	1266	1267	rBV3	426035	416785	11.89%	0.585%
54	9.575	1271	1273	1276	rVV3	531211	500465	14.28%	0.702%
55	9.616	1276	1280	1283	rVV4	1330274	1961000	55.96%	2.753%
56	9.639	1283	1284	1287	rVV2	668393	604118	17.24%	0.848%
57	9.675	1287	1290	1293	rVB2	661360	632563	18.05%	0.888%
58	9.769	1302	1306	1309	rBV5	310775	446950	12.76%	0.627%
59	9.833	1309	1317	1320	rVV	2586114	2855652	81.50%	4.008%
60	9.869	1320	1323	1324	rVV3	373305	381151	10.88%	0.535%
61	9.904	1326	1329	1332	rVB	689238	728507	20.79%	1.023%
62	9.969	1338	1340	1343	rVB4	469872	412633	11.78%	0.579%
63	10.004	1343	1346	1350	rBV	355154	396104	11.30%	0.556%
64	10.063	1352	1356	1358	rBV2	419012	614913	17.55%	0.863%
65	10.086	1358	1360	1362	rVV2	523820	484773	13.83%	0.680%
66	10.116	1363	1365	1367	rVB	445096	334777	9.55%	0.470%
67	10.145	1367	1370	1375	rBV4	828750	1161750	33.15%	1.631%
68	10.186	1375	1377	1379	rVB	535517	392043	11.19%	0.550%
69	10.216	1379	1382	1384	rBV2	420251	484251	13.82%	0.680%
70	10.269	1389	1391	1395	rVB4	356304	356237	10.17%	0.500%
71	10.333	1395	1402	1404	rBV	2558714	2643671	75.45%	3.711%

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72	10.357	1404	1406	1408	rVB2	269282	227920	6.50%	0.320%
73	10.551	1434	1439	1444	rVB	1213139	1776375	50.70%	2.493%
74	10.598	1444	1447	1449	rVB2	463608	385535	11.00%	0.541%
75	10.628	1450	1452	1456	rBV2	383385	461301	13.16%	0.648%
76	10.669	1456	1459	1460	rBV3	478561	382306	10.91%	0.537%
77	10.692	1460	1463	1465	rVV	764149	595021	16.98%	0.835%
78	10.804	1478	1482	1490	rVB2	2149285	3504012	100.00%	4.919%
79	10.992	1511	1514	1516	rBV	398338	433746	12.38%	0.609%
80	11.028	1518	1520	1523	rVB3	477151	384765	10.98%	0.540%
81	11.080	1527	1529	1532	rVB2	274174	252198	7.20%	0.354%
82	11.251	1554	1558	1560	rBV	1827154	1617280	46.16%	2.270%
83	11.280	1560	1563	1568	rVB	1466710	1567654	44.74%	2.200%
84	11.392	1578	1582	1584	rBV	771787	787907	22.49%	1.106%
85	11.516	1601	1603	1607	rVB	258836	209856	5.99%	0.295%
86	11.557	1607	1610	1613	rVB	309806	291618	8.32%	0.409%
87	11.622	1619	1621	1627	rBV2	368185	402990	11.50%	0.566%
88	11.675	1627	1630	1633	rVB	1646587	1351404	38.57%	1.897%
89	11.833	1655	1657	1663	rBV3	228304	315773	9.01%	0.443%
90	11.904	1667	1669	1672	rBV	266896	236967	6.76%	0.333%
91	12.080	1696	1699	1702	rBV	1230788	1034744	29.53%	1.452%
92	12.357	1744	1746	1749	rVB2	285443	252346	7.20%	0.354%
93	12.469	1761	1765	1768	rVB	945758	852451	24.33%	1.197%
94	12.833	1825	1827	1834	rVB	746558	625919	17.86%	0.879%
95	12.969	1846	1850	1853	rVB	1359859	1228396	35.06%	1.724%
96	13.186	1884	1887	1890	rVB	438162	371921	10.61%	0.522%
97	13.527	1942	1945	1951	rVB	237124	237029	6.76%	0.333%
98	13.851	1997	2000	2008	rVB2	212231	268001	7.65%	0.376%
99	14.021	2025	2029	2037	rVB	589469	537864	15.35%	0.755%
100	15.486	2273	2278	2289	rVB	339516	430007	12.27%	0.604%

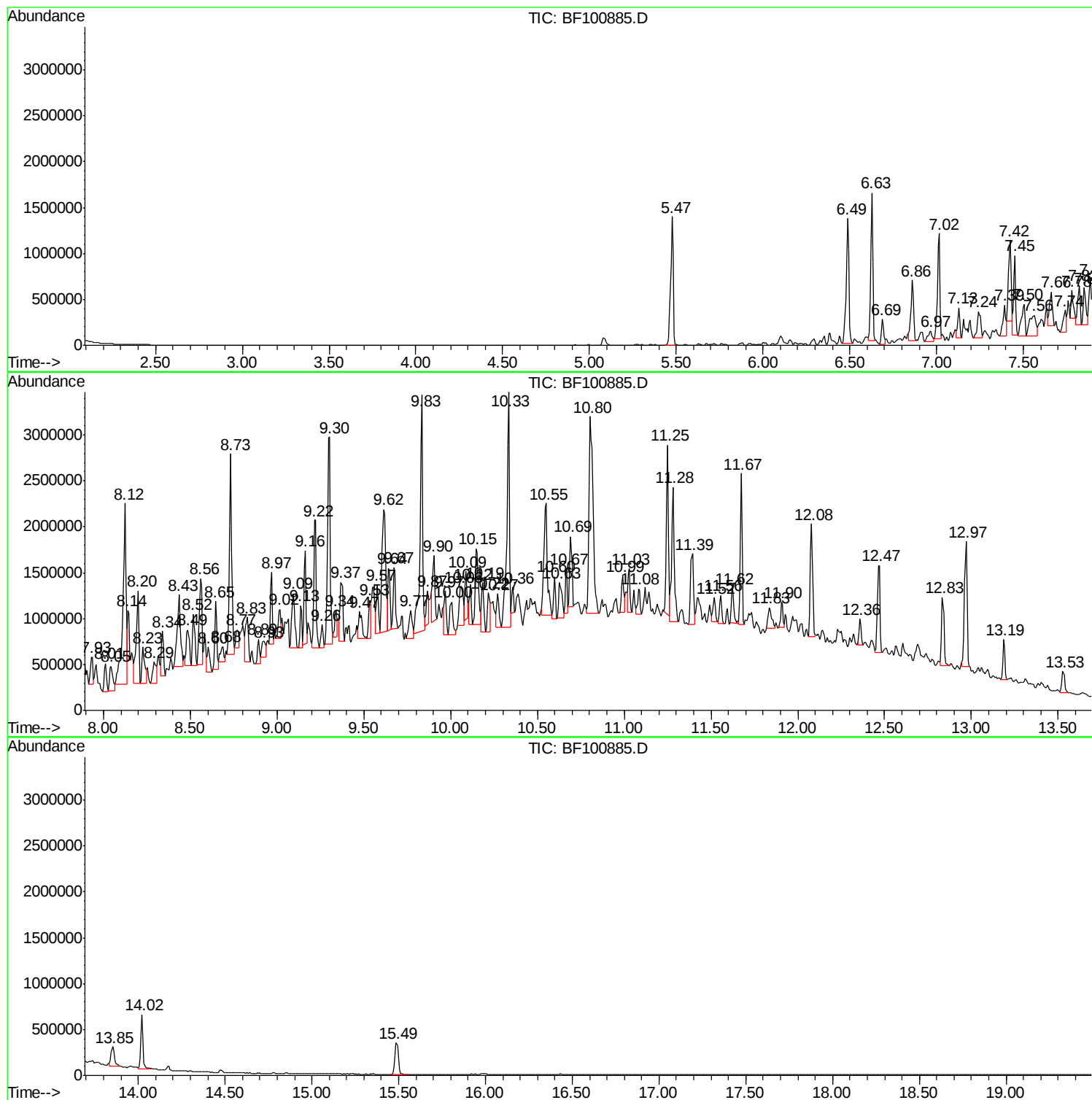
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-109-5-(5-10)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.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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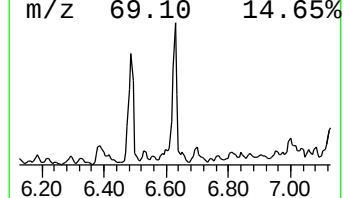
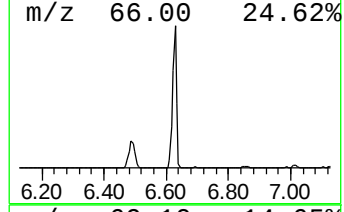
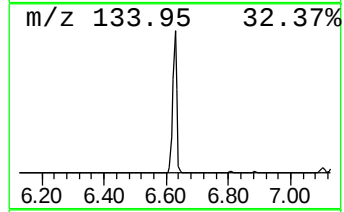
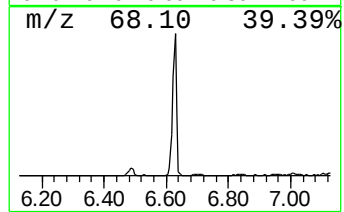
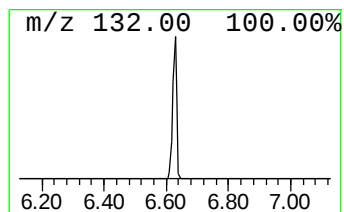
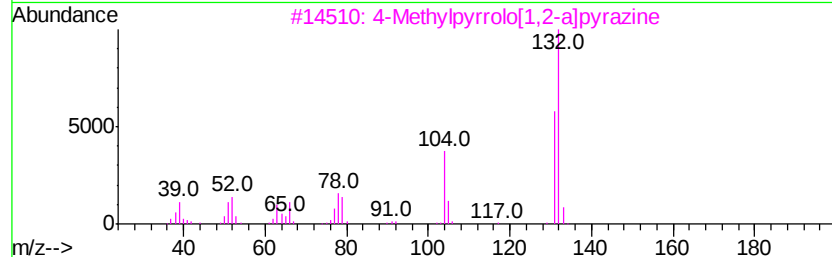
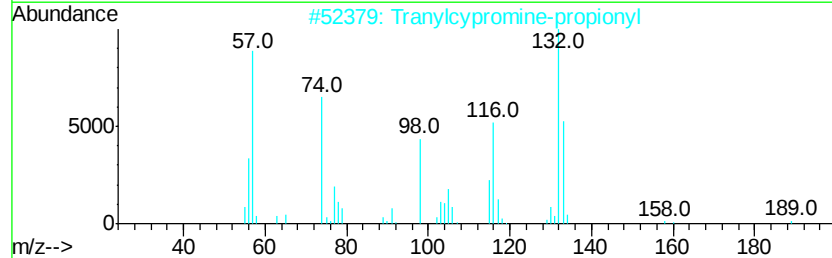
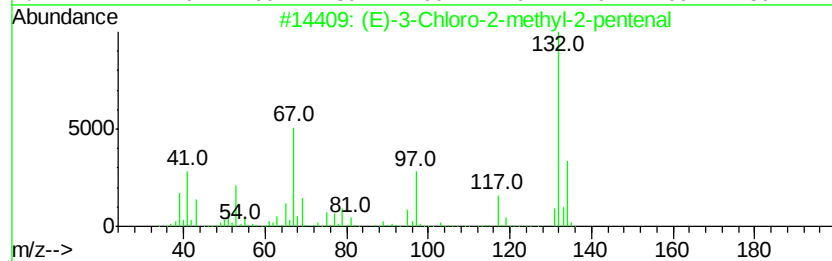
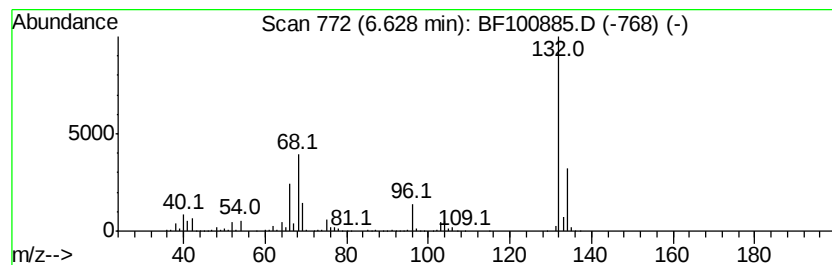
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.63 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	43.80 ng	1472720	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16	
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10	
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9	
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9	
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9	



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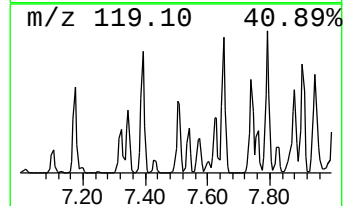
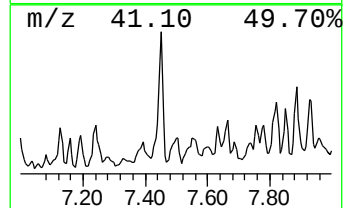
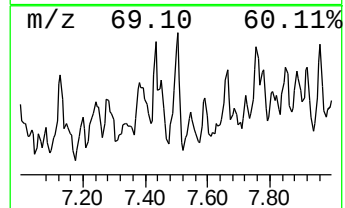
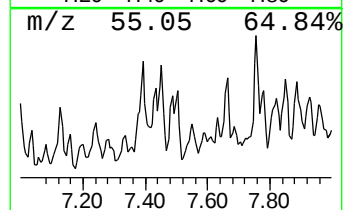
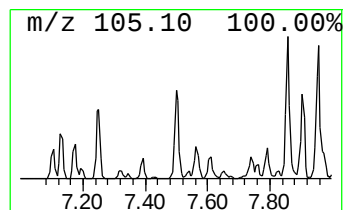
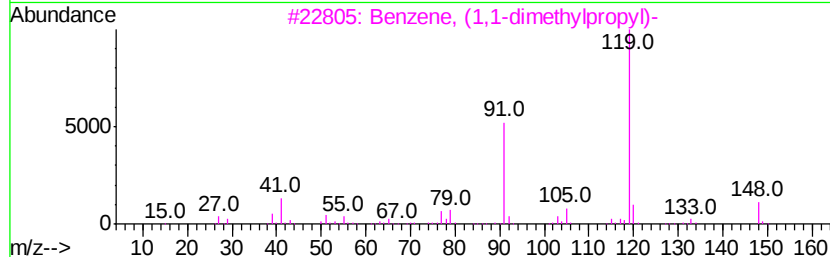
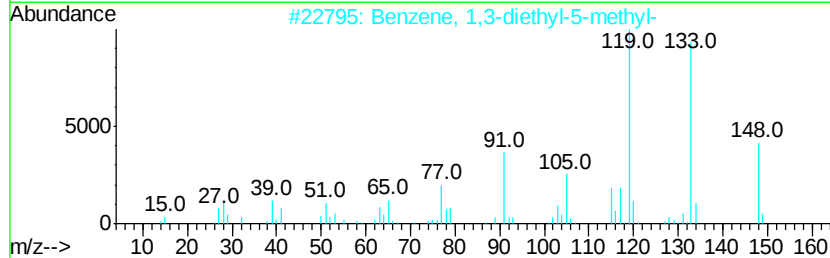
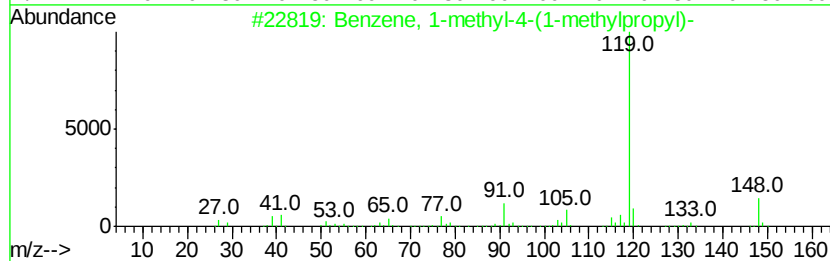
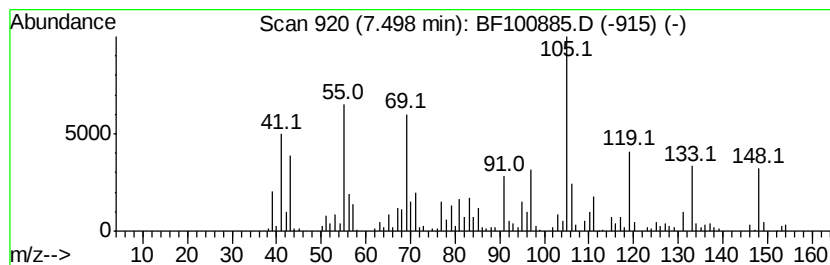
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Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	24.30 ng	481110	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42
5		o-Cymene	134	C10H14	000527-84-4	42



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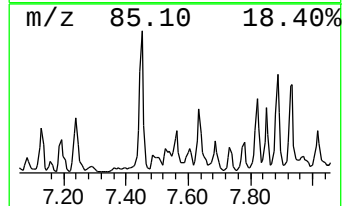
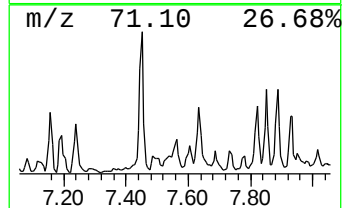
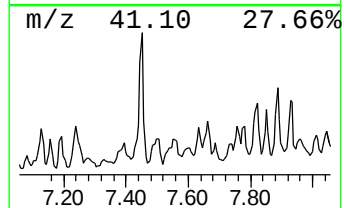
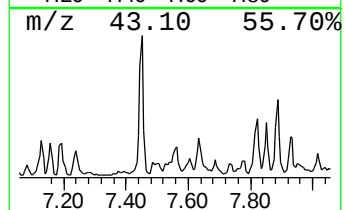
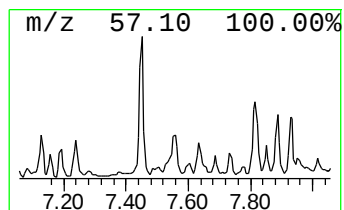
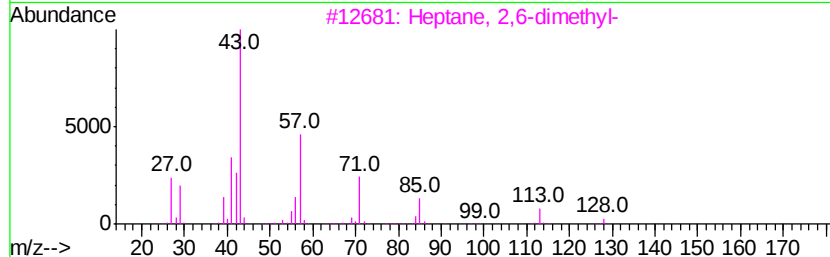
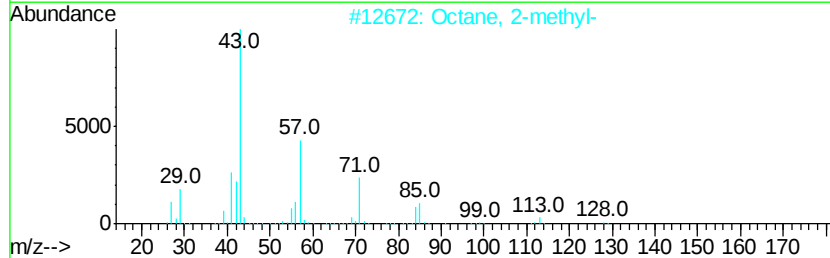
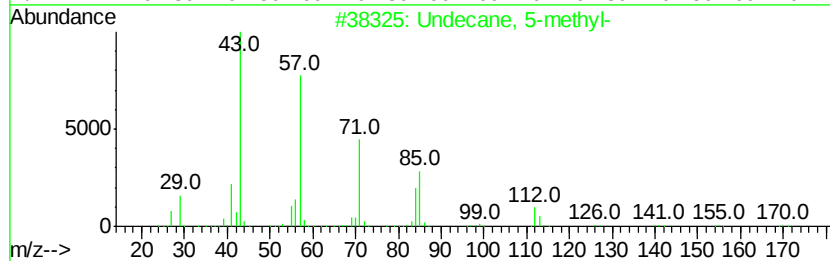
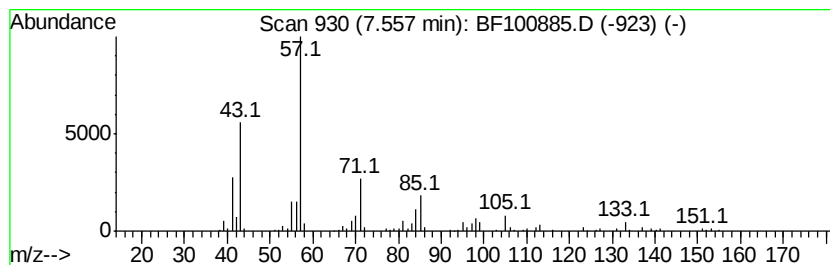
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	29.01 ng	574342	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	60
2		Octane, 2-methyl-	128	C9H20	003221-61-2	46
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	46
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112717\
Data File : BF100885.D
Acq On : 27 Nov 2017 12:11
Operator : SJ/JU
Sample : I6574-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPE-109-5-(5-10)

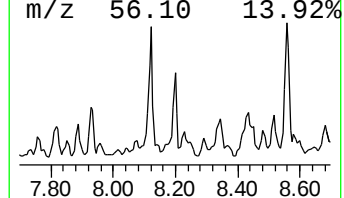
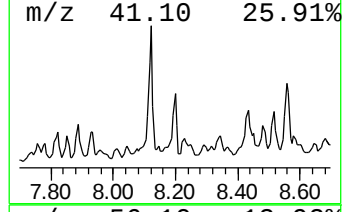
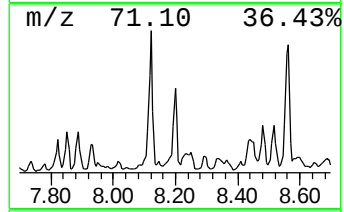
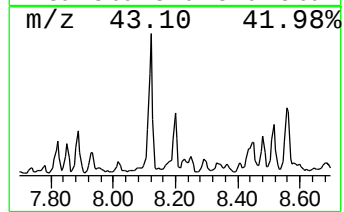
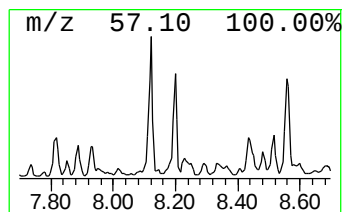
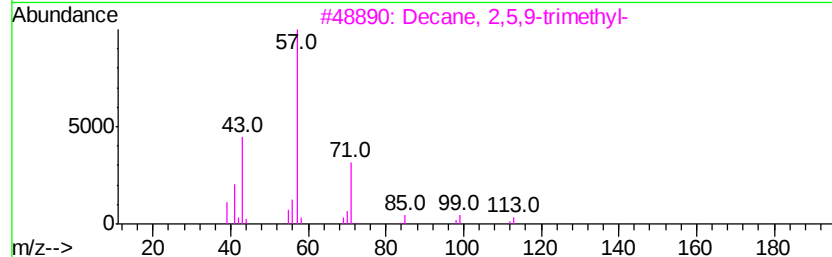
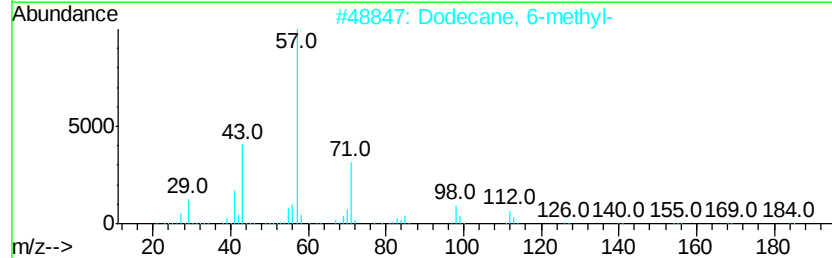
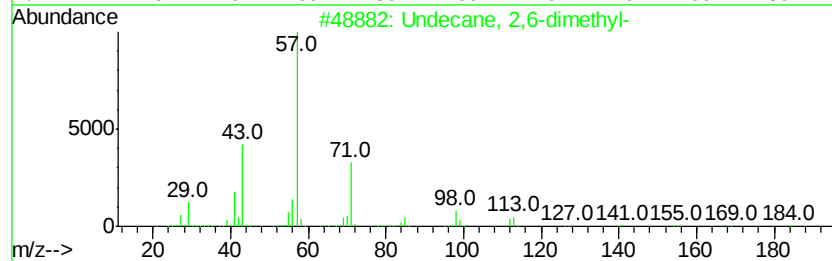
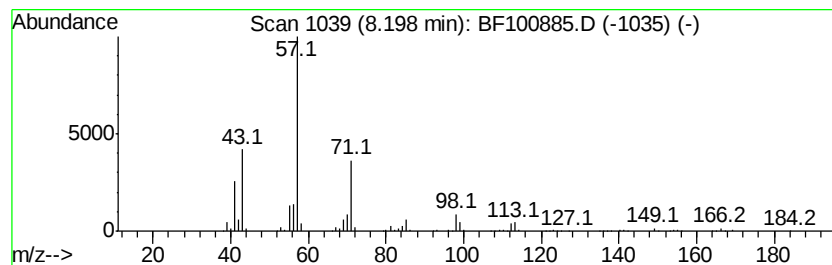
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	54.29 ng	1074670	Napthalene-d8	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95	
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	87	
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72	
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64	
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112717\
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ClientSampleId :
EPE-109-5-(5-10)

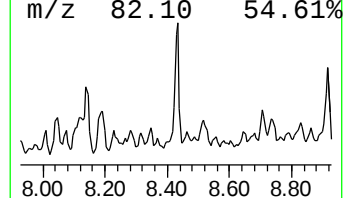
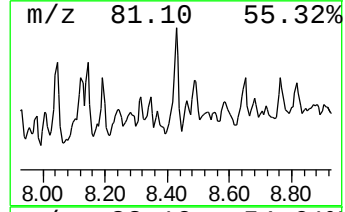
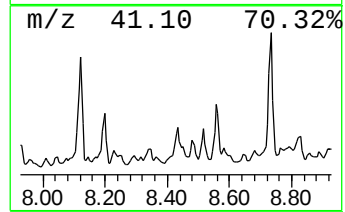
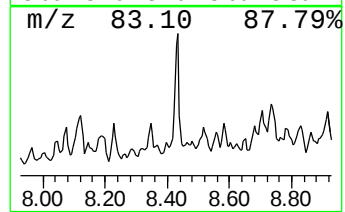
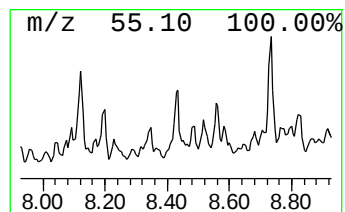
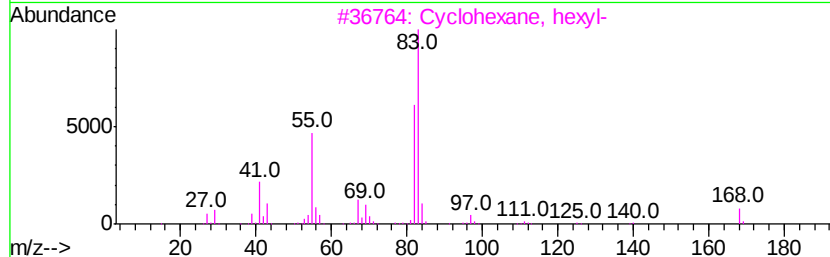
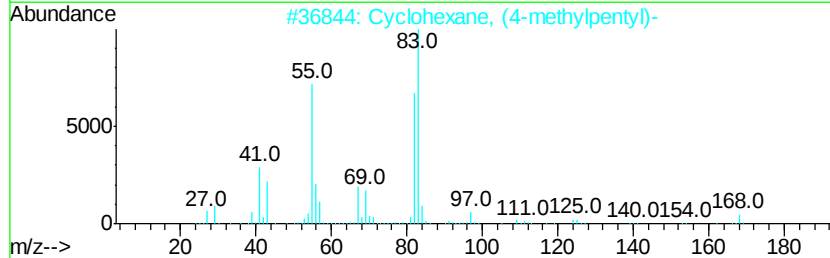
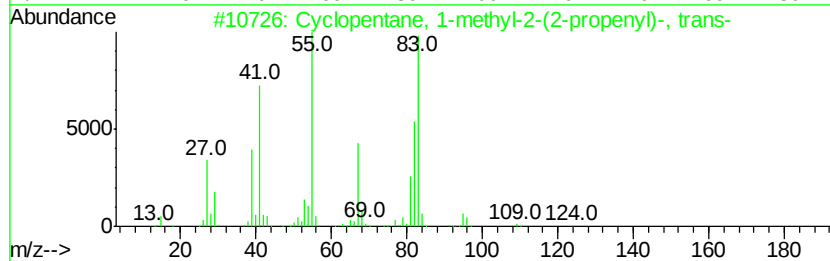
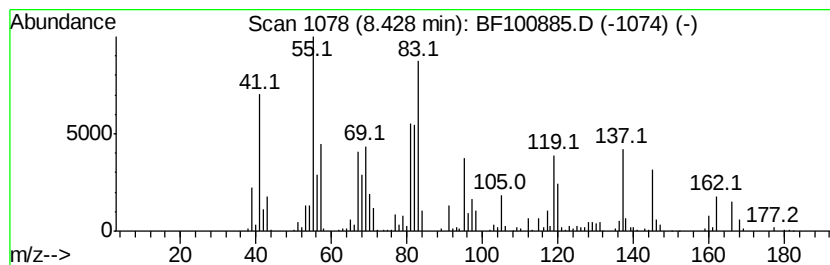
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	50.10 ng	991874	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	22
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	18
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	18
4		1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	18
5		Cyclopentanone, 3-methyl-2-(2-pe...	166	C11H18O	007051-39-0	14



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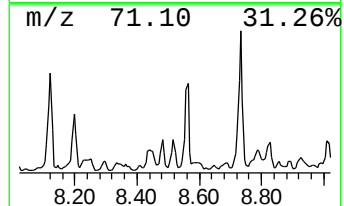
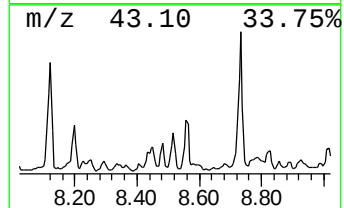
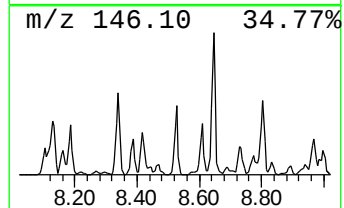
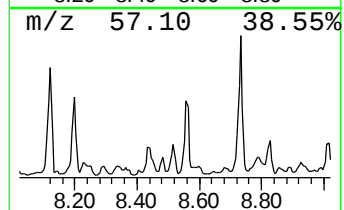
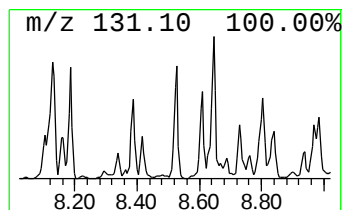
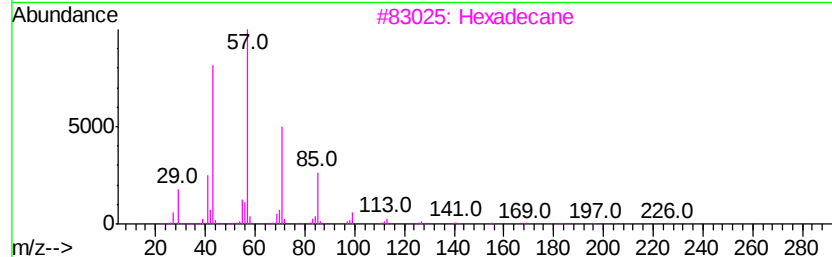
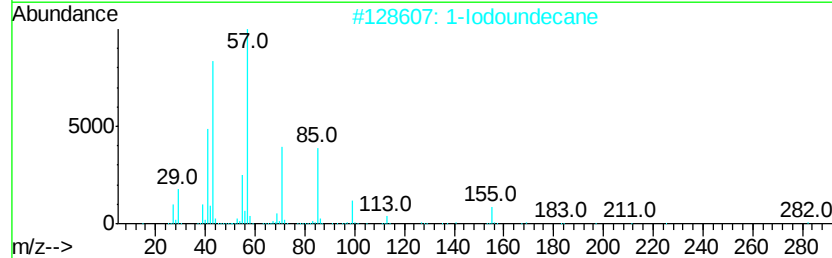
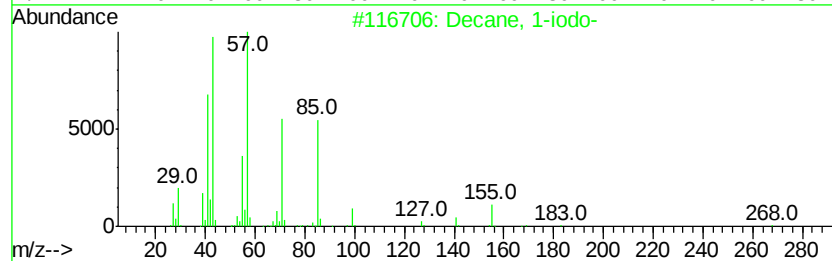
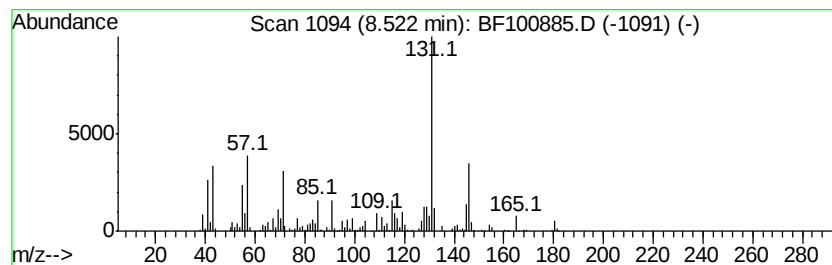
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	29.50 ng	584068	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
2		1-Iodoundecane	282	C11H23I	004282-44-4	58
3		Hexadecane	226	C16H34	000544-76-3	53
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
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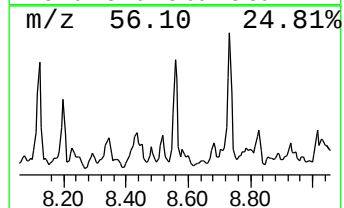
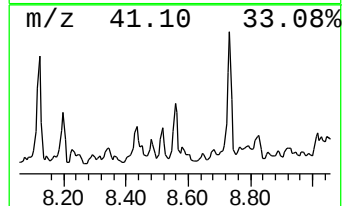
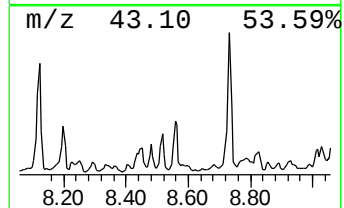
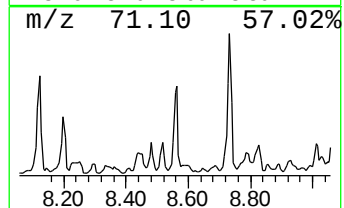
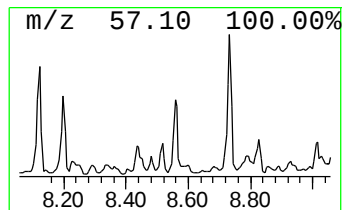
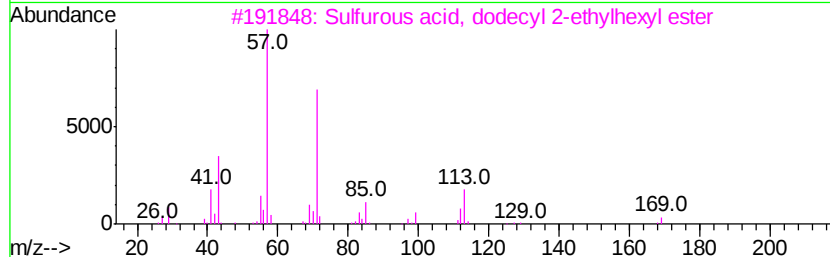
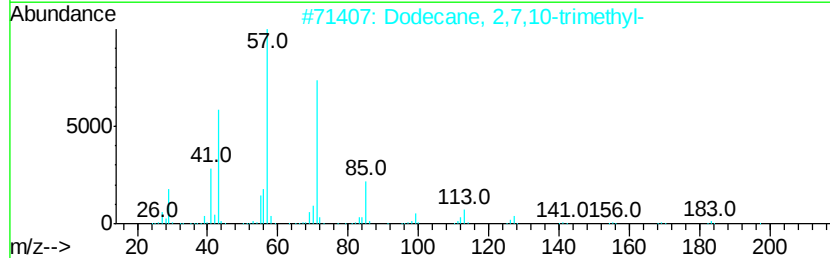
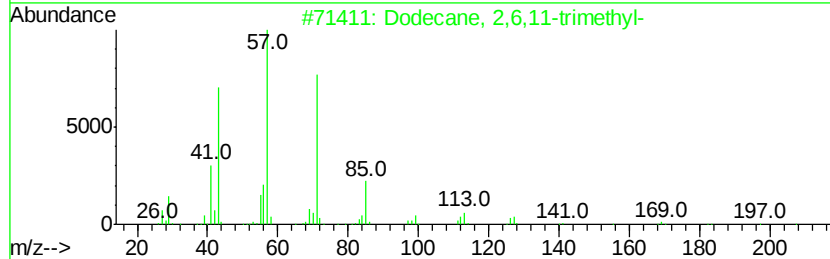
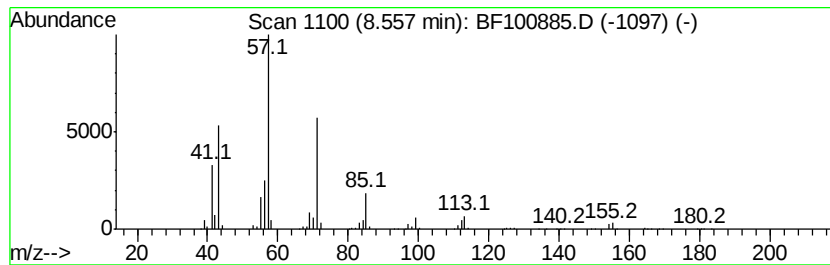
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,11-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	44.40 ng	878881	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112717\
Data File : BF100885.D
Acq On : 27 Nov 2017 12:11
Operator : SJ/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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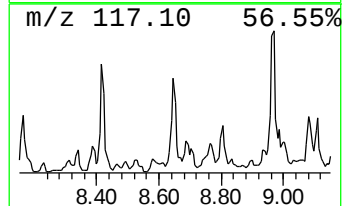
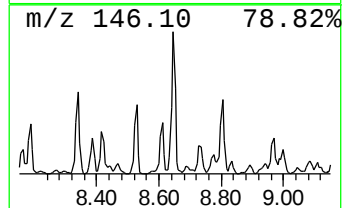
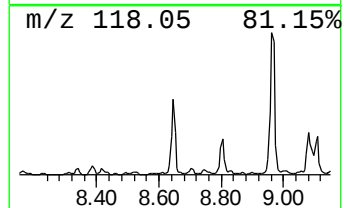
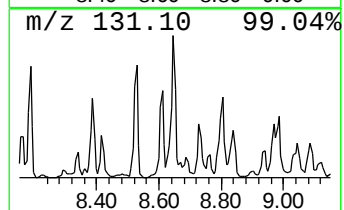
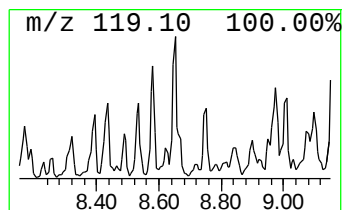
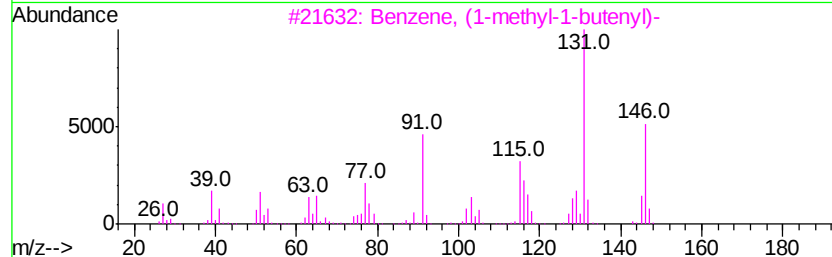
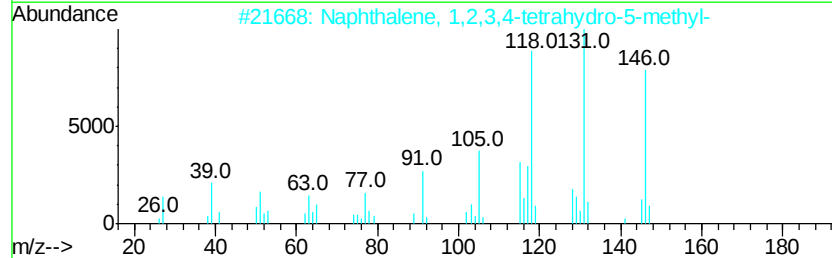
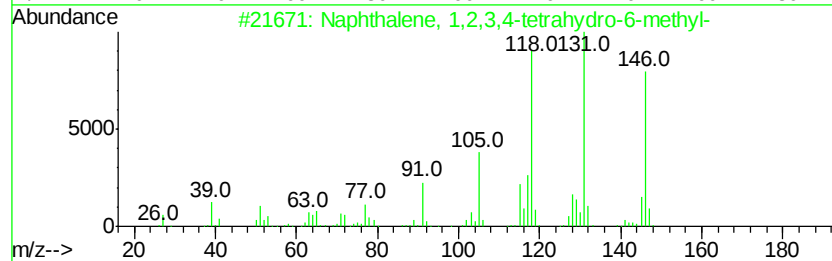
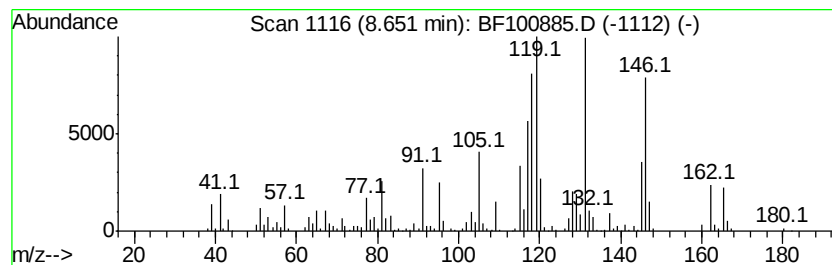
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	33.15 ng	656146	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112717\
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ClientSampleId :
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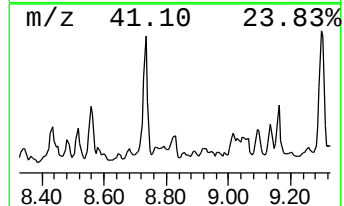
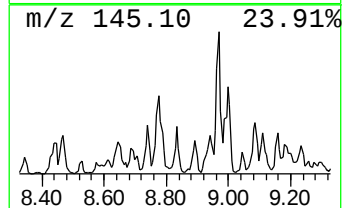
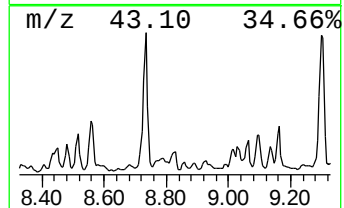
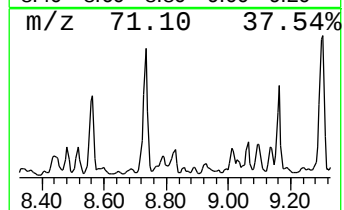
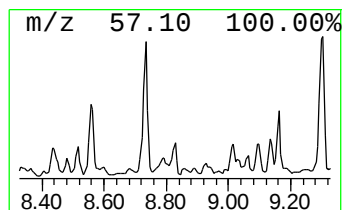
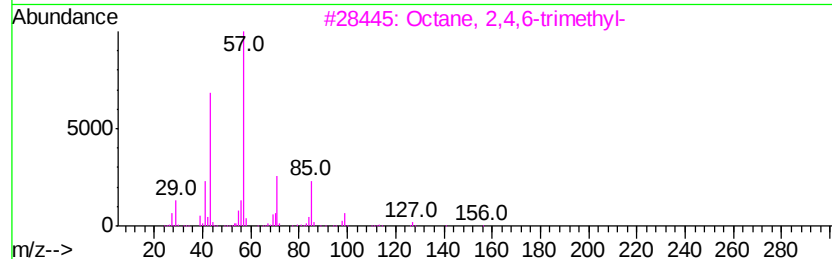
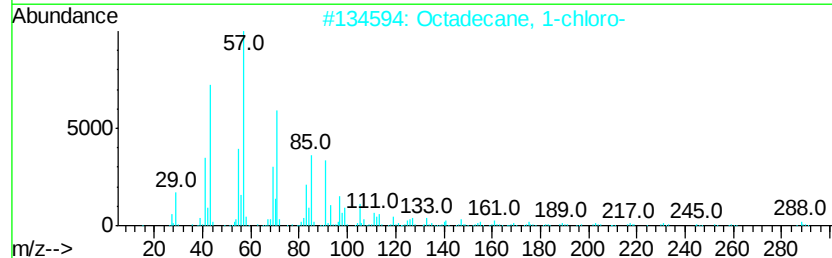
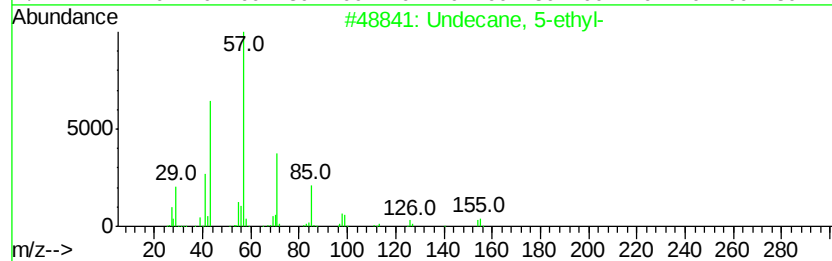
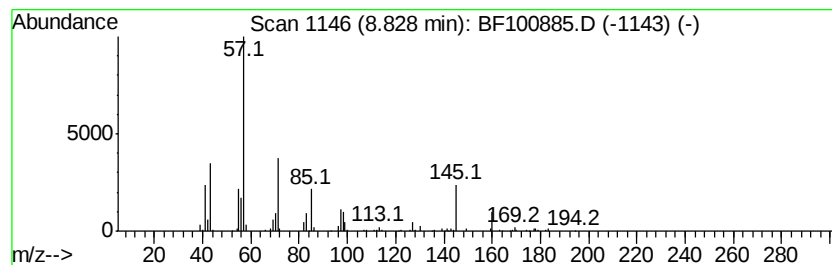
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown8.83 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	30.74 ng	608443	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	47
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	38
5		Undecane	156	C11H24	001120-21-4	35



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ClientSampleId :
EPE-109-5-(5-10)

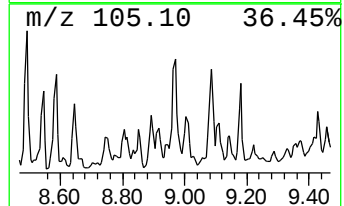
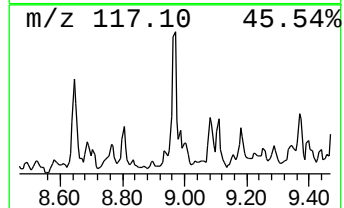
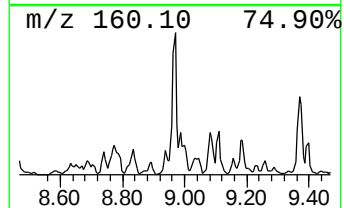
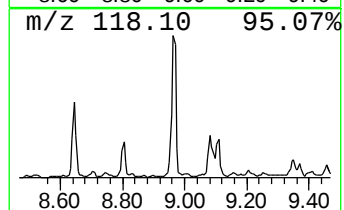
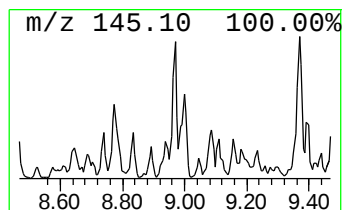
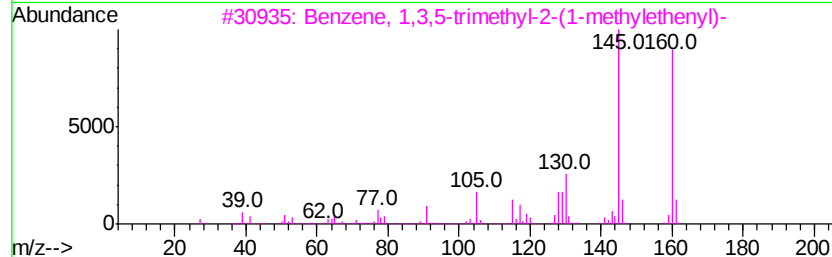
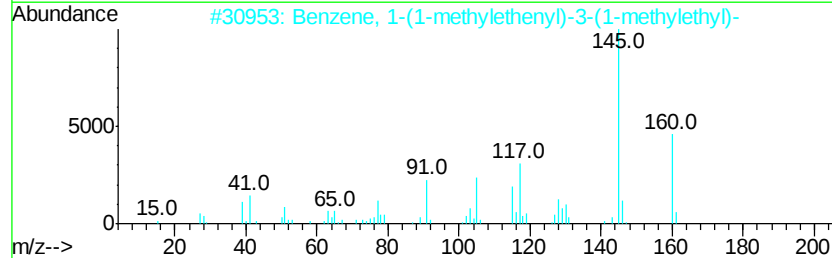
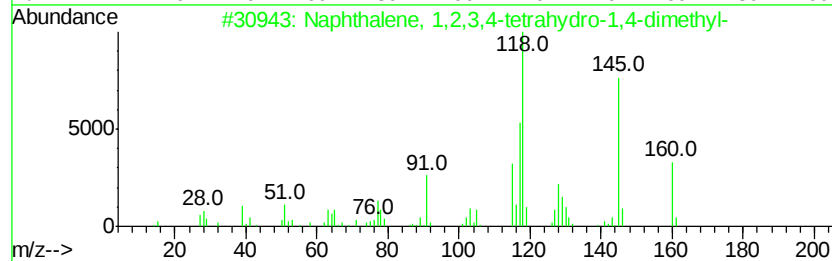
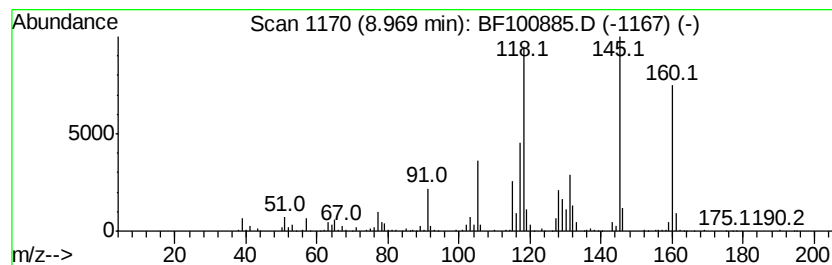
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	32.84 ng	650087	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	92
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	68
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100885.D
Acq On : 27 Nov 2017 12:11
Operator : SJ/JU
Sample : I6574-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-109-5-(5-10)

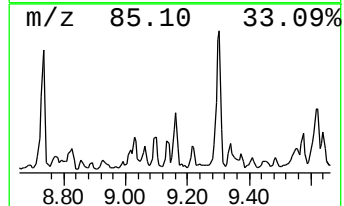
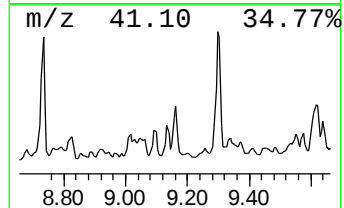
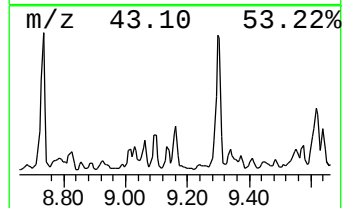
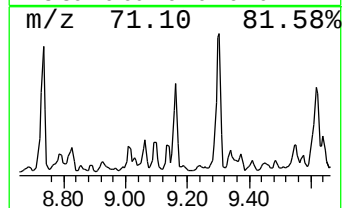
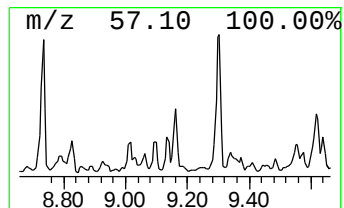
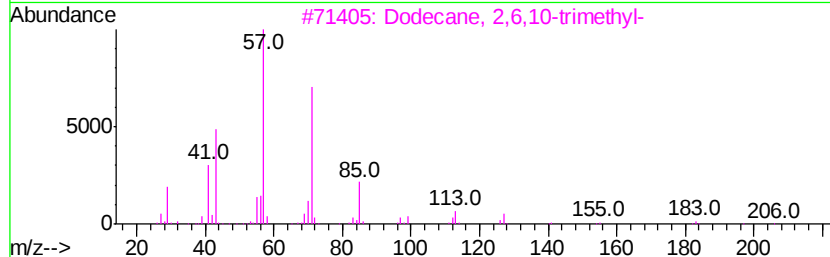
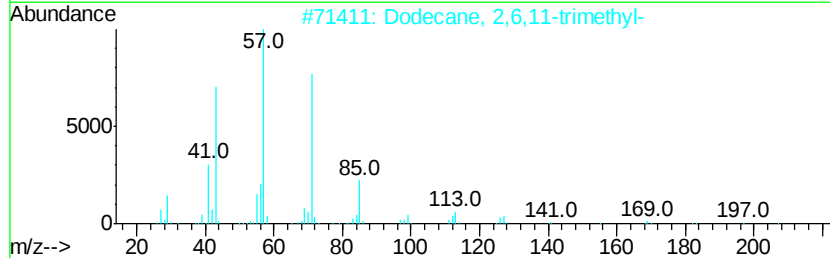
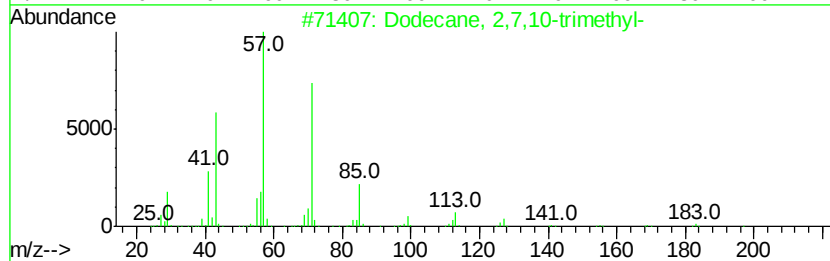
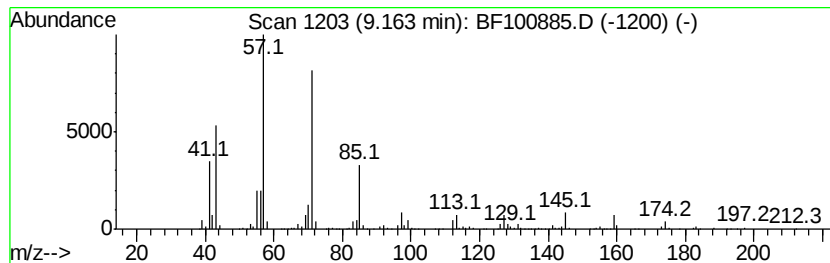
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	23.82 ng	867622	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112717\
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Sample : I6574-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

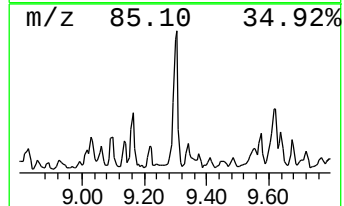
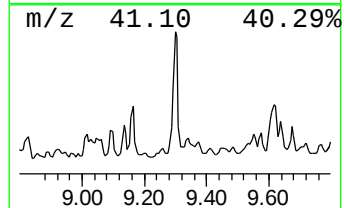
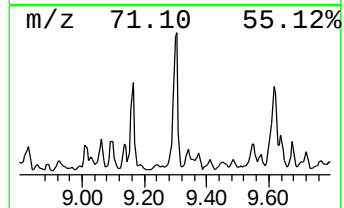
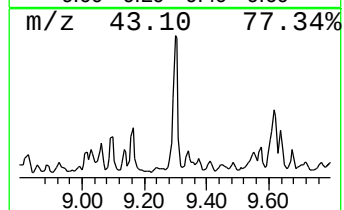
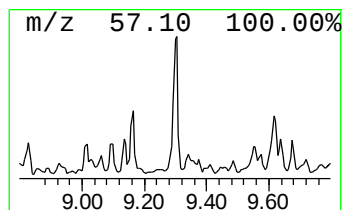
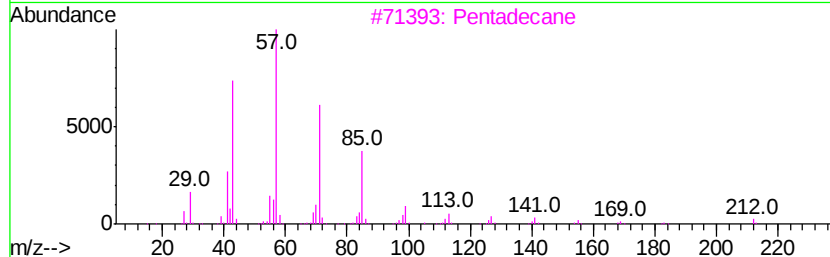
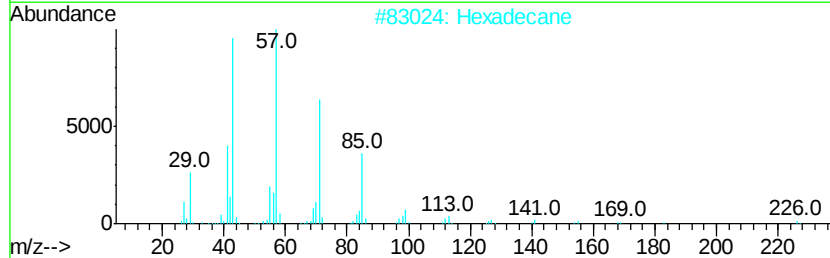
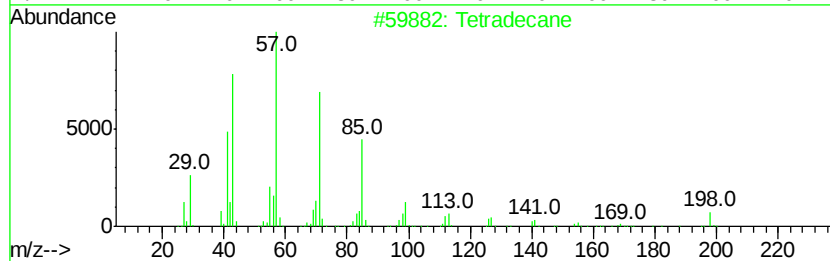
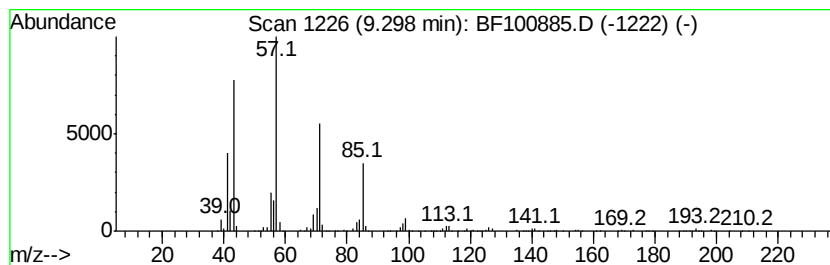
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.30	69.00 ng	2513240	Acenaphthene-d10		9.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112717\
Data File : BF100885.D
Acq On : 27 Nov 2017 12:11
Operator : SJ/JU
Sample : I6574-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-109-5-(5-10)

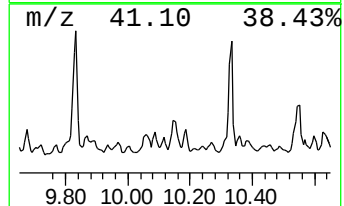
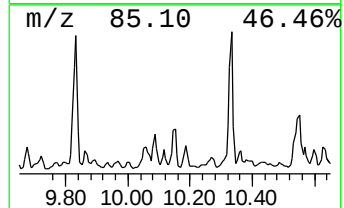
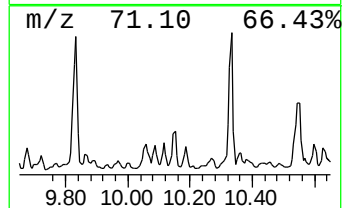
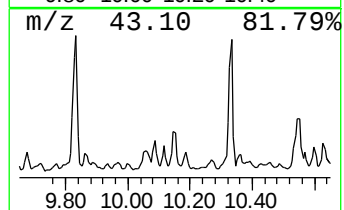
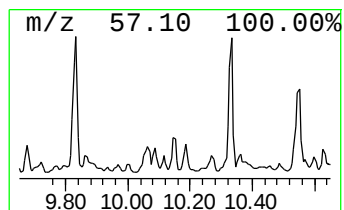
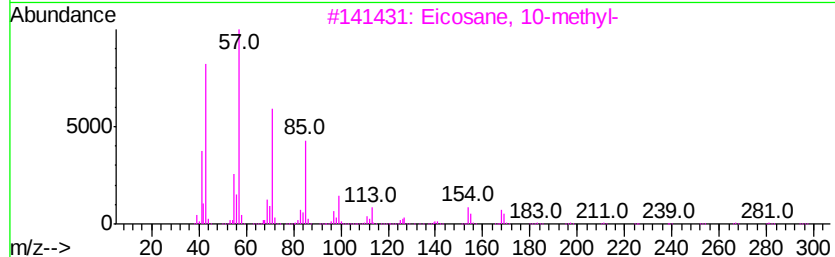
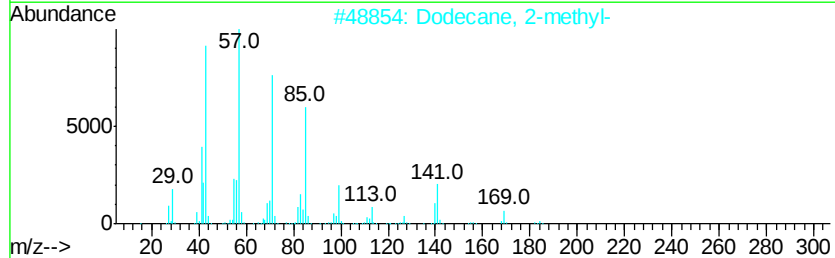
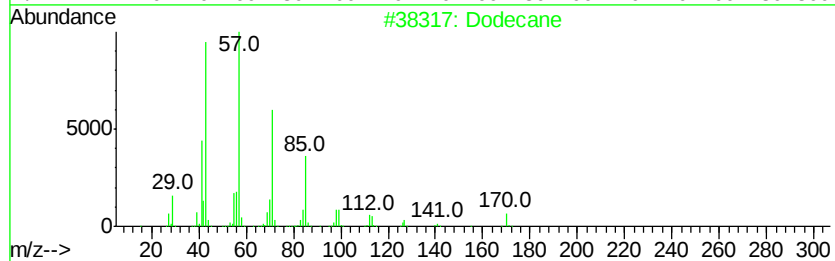
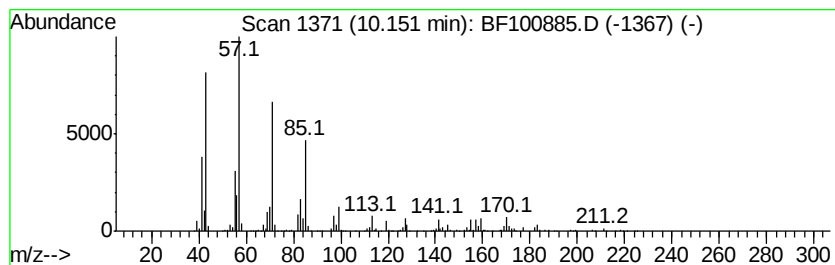
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	31.89 ng	1161750	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	64
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	62
4		Tetracosane	338	C24H50	000646-31-1	58
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100885.D
Acq On : 27 Nov 2017 12:11
Operator : SJ/JU
Sample : I6574-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-109-5-(5-10)

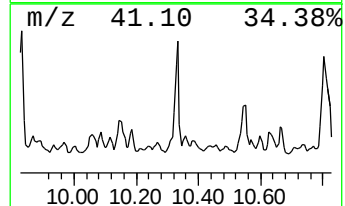
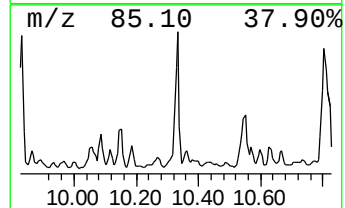
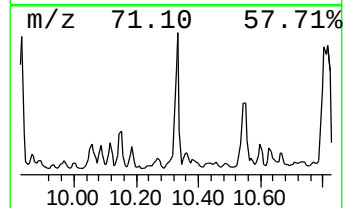
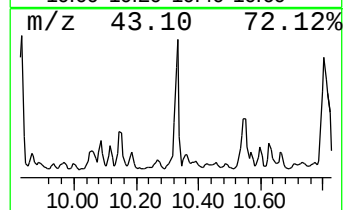
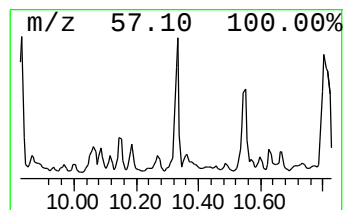
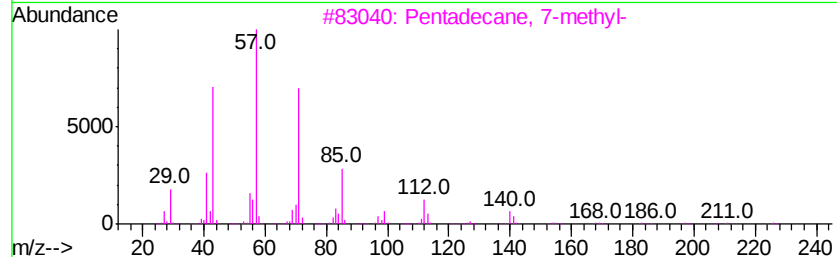
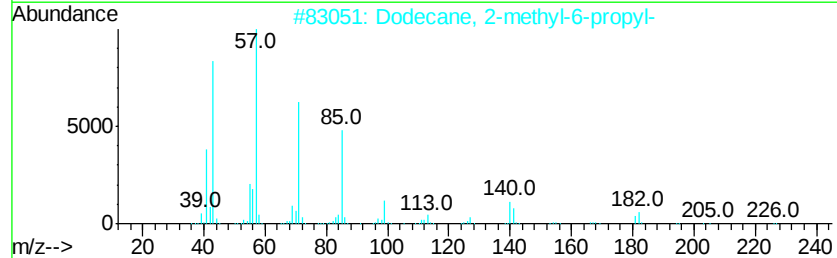
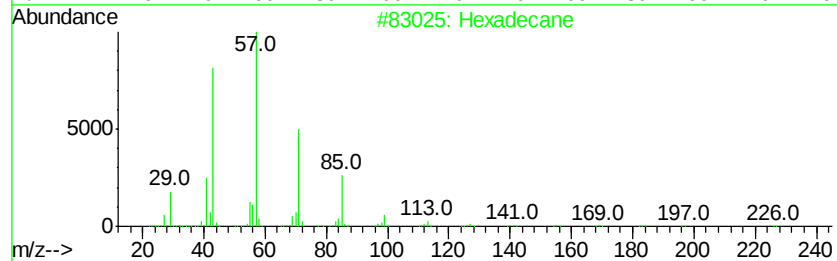
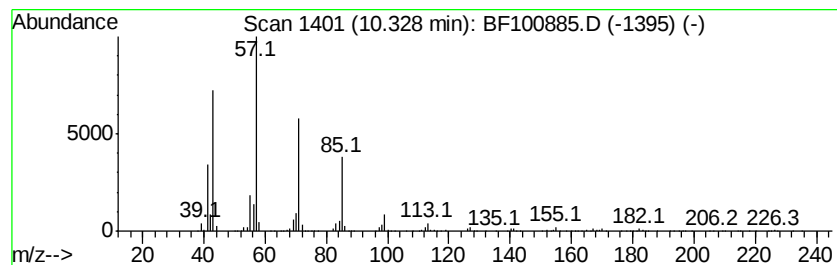
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	72.58 ng	2643670	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
4		Tridecane	184	C13H28	000629-50-5	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100885.D
Acq On : 27 Nov 2017 12:11
Operator : SJ/JU
Sample : I6574-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPE-109-5-(5-10)

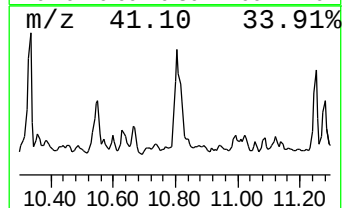
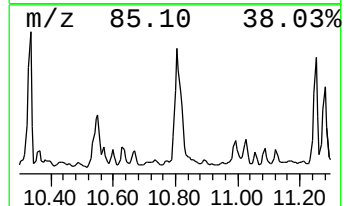
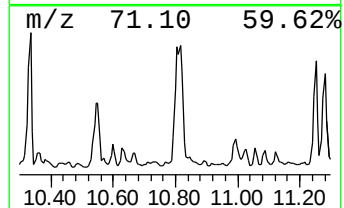
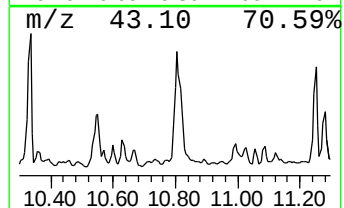
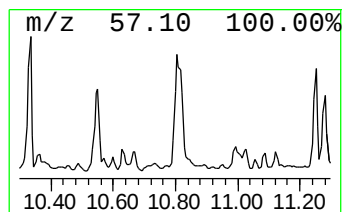
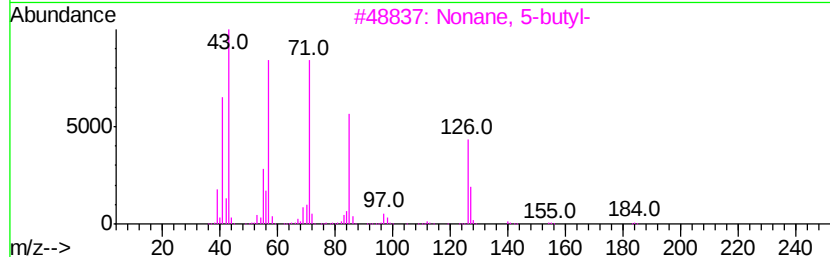
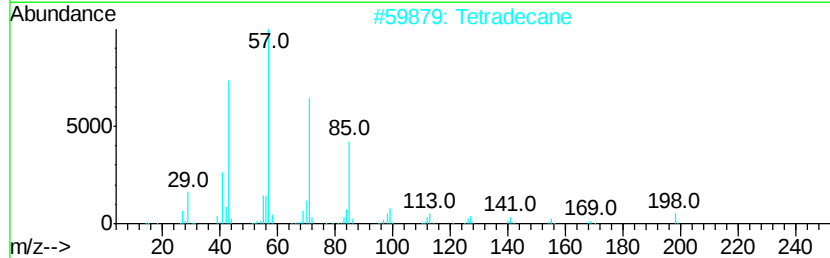
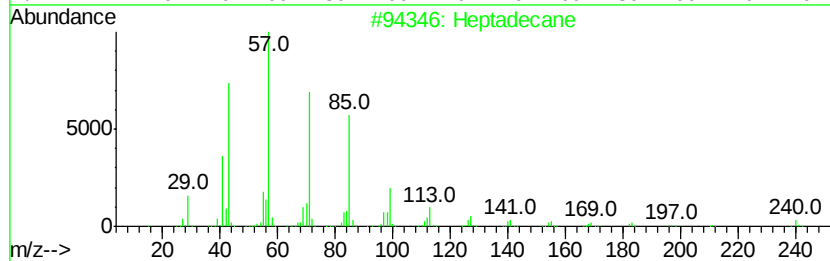
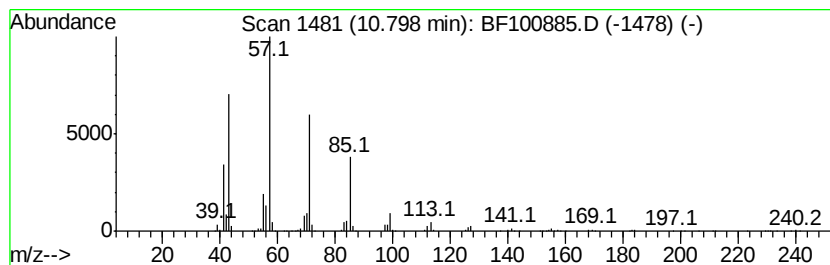
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	88.94 ng	3504010	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tetradecane		198	C14H30	000629-59-4	95
3	Nonane, 5-butyl-		184	C13H28	017312-63-9	90
4	Tridecane		184	C13H28	000629-50-5	90
5	Heptacosane		380	C27H56	000593-49-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112717\
 Data File : BF100885.D
 Acq On : 27 Nov 2017 12:11
 Operator : SJ/JU
 Sample : I6574-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 EPE-109-5-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1-methyl...	7.50	24.3	ng	481110	2	8.14	395924	20.0
Undecane, 5-methyl-	7.56	29.0	ng	574342	2	8.14	395924	20.0
Undecane, 2,6-dim...	8.20	54.3	ng	1074670	2	8.14	395924	20.0
unknown8.43	8.43	50.1	ng	991874	2	8.14	395924	20.0
Decane, 1-iodo-	8.52	29.5	ng	584068	2	8.14	395924	20.0
Dodecane, 2,6,11-...	8.56	44.4	ng	878881	2	8.14	395924	20.0
Naphthalene, 1,2,...	8.65	33.1	ng	656146	2	8.14	395924	20.0
unknown8.83	8.83	30.7	ng	608443	2	8.14	395924	20.0
Naphthalene, 1,2,...	8.97	32.8	ng	650087	2	8.14	395924	20.0
Dodecane, 2,7,10-...	9.16	23.8	ng	867622	3	9.90	728507	20.0
Tetradecane	9.30	69.0	ng	2513240	3	9.90	728507	20.0
Dodecane	10.15	31.9	ng	1161750	3	9.90	728507	20.0
Hexadecane	10.33	72.6	ng	2643670	3	9.90	728507	20.0
Heptadecane	10.80	88.9	ng	3504010	4	11.39	787907	20.0