

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097883.D
 Acq On : 19 Aug 2017 17:15
 Operator : SJ/JU
 Sample : I4846-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PI-4(25)

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-BF081517.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	4.957	483	488	501	rVB	531690	692681	13.69%	0.660%
2	5.369	553	558	561	rBV	2782535	2844392	56.21%	2.709%
3	6.293	712	715	718	rBV3	77094	87726	1.73%	0.084%
4	6.398	727	733	737	rVB	2728055	3066338	60.59%	2.921%
5	6.528	747	755	759	rBV	2740681	3133997	61.93%	2.985%
6	6.734	787	790	791	rBV2	79262	71174	1.41%	0.068%
7	6.763	791	795	797	rVV	1067132	1039776	20.55%	0.990%
8	6.781	797	798	802	rVB	586832	345813	6.83%	0.329%
9	6.822	802	805	808	rBV2	202650	221249	4.37%	0.211%
10	6.857	808	811	813	rBV2	79992	88350	1.75%	0.084%
11	6.881	813	815	817	rBV2	74902	62350	1.23%	0.059%
12	6.916	817	821	824	rBV	2426937	2388335	47.20%	2.275%
13	6.945	824	826	829	rVB	123361	99393	1.96%	0.095%
14	6.998	832	835	836	rBV2	95341	81100	1.60%	0.077%
15	7.040	836	842	845	rVB3	336086	466991	9.23%	0.445%
16	7.081	845	849	851	rBV2	293298	363236	7.18%	0.346%
17	7.110	851	854	857	rVB3	147299	139590	2.76%	0.133%
18	7.157	858	862	865	rBV	492632	439570	8.69%	0.419%
19	7.192	865	868	872	rVB4	126909	162815	3.22%	0.155%
20	7.251	872	878	880	rBV2	154977	276612	5.47%	0.263%
21	7.328	880	891	896	rBV	2014882	3121208	61.68%	2.973%
22	7.410	900	905	909	rVB4	586093	846961	16.74%	0.807%
23	7.457	909	913	914	rBV2	298405	401995	7.94%	0.383%
24	7.481	914	917	921	rVB3	489931	468439	9.26%	0.446%
25	7.551	921	929	930	rBV4	604586	1004632	19.85%	0.957%
26	7.569	930	932	936	rVB3	735299	763287	15.08%	0.727%
27	7.604	936	938	940	rBV2	114508	106396	2.10%	0.101%
28	7.669	943	949	950	rBV3	598360	830460	16.41%	0.791%
29	7.687	950	952	957	rVB3	1034270	1122324	22.18%	1.069%
30	7.734	957	960	963	rBV2	549626	585590	11.57%	0.558%
31	7.769	963	966	968	rBV2	644593	574520	11.35%	0.547%
32	7.787	968	969	971	rVV	326586	187466	3.70%	0.179%
33	7.810	971	973	976	rVB4	373833	409744	8.10%	0.390%
34	7.851	977	980	981	rBV	500383	428360	8.46%	0.408%

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35	7.869	981	983	988	rVB4	480361	670317	13.25%	0.638%
36	7.922	988	992	993	rBV	500280	570048	11.26%	0.543%
37	7.957	996	998	1001	rVB2	345710	271965	5.37%	0.259%
38	8.004	1001	1006	1008	rBV5	706126	1046225	20.67%	0.997%
39	8.045	1008	1013	1016	rVV3	1717693	2611588	51.61%	2.488%
40	8.116	1020	1025	1028	rVV	2533452	3107848	61.41%	2.960%
41	8.139	1028	1029	1033	rVV3	566705	596155	11.78%	0.568%
42	8.222	1037	1043	1045	rBV7	622840	1095747	21.65%	1.044%
43	8.257	1045	1049	1051	rVB2	609106	747550	14.77%	0.712%
44	8.345	1059	1064	1067	rBV6	1432848	2084259	41.19%	1.985%
45	8.398	1071	1073	1076	rBV3	864540	691519	13.67%	0.659%
46	8.434	1076	1079	1082	rVB4	753515	837143	16.54%	0.797%
47	8.487	1082	1088	1091	rBV	3756804	5060431	100.00%	4.820%
48	8.516	1091	1093	1096	rVB2	877175	740095	14.63%	0.705%
49	8.557	1096	1100	1103	rBV3	1144438	1216568	24.04%	1.159%
50	8.598	1103	1107	1108	rBV3	687708	826885	16.34%	0.788%
51	8.645	1113	1115	1117	rBV3	454939	492607	9.73%	0.469%
52	8.710	1124	1126	1128	rVB2	858226	622885	12.31%	0.593%
53	8.745	1129	1132	1138	rVB3	1546706	1812663	35.82%	1.727%
54	8.798	1138	1141	1144	rBV4	618646	743656	14.70%	0.708%
55	8.834	1144	1147	1148	rBV2	431488	509268	10.06%	0.485%
56	8.875	1152	1154	1156	rVB	948925	710619	14.04%	0.677%
57	8.934	1161	1164	1166	rBV4	811830	865299	17.10%	0.824%
58	8.963	1166	1169	1173	rVB3	999000	1007718	19.91%	0.960%
59	9.086	1185	1190	1192	rVB	3289447	3680061	72.72%	3.505%
60	9.128	1192	1197	1199	rBV	2636440	2668465	52.73%	2.542%
61	9.169	1202	1204	1206	rVB3	318842	231048	4.57%	0.220%
62	9.210	1207	1211	1216	rBV3	2361667	3455028	68.28%	3.291%
63	9.281	1221	1223	1225	rVB	599657	430361	8.50%	0.410%
64	9.386	1238	1241	1242	rBV2	567464	632591	12.50%	0.603%
65	9.439	1247	1250	1252	rBV4	597352	705608	13.94%	0.672%
66	9.463	1252	1254	1256	rVV	954911	784196	15.50%	0.747%
67	9.492	1256	1259	1261	rVB2	969538	836211	16.52%	0.796%
68	9.516	1261	1263	1264	rBV2	1744300	1415808	27.98%	1.349%
69	9.539	1264	1267	1269	rVB	3280157	3062035	60.51%	2.917%
70	9.622	1279	1281	1286	rVB5	787142	820234	16.21%	0.781%
71	9.675	1286	1290	1292	rVV3	695922	1007259	19.90%	0.959%

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72	9.698	1292	1294	1295	rVV2	852190	715012	14.13%	0.681%
73	9.716	1295	1297	1300	rVB2	1302194	1159938	22.92%	1.105%
74	9.786	1305	1309	1310	rVV2	1132645	1443744	28.53%	1.375%
75	9.804	1310	1312	1315	rVV	1533901	1539006	30.41%	1.466%
76	9.845	1317	1319	1323	rVV4	779668	1057584	20.90%	1.007%
77	9.910	1327	1330	1334	rVB2	722046	969382	19.16%	0.923%
78	10.004	1343	1346	1349	rVB	1178789	1016483	20.09%	0.968%
79	10.045	1351	1353	1354	rBV	476629	272006	5.38%	0.259%
80	10.063	1354	1356	1362	rVB4	897782	1198556	23.68%	1.142%
81	10.122	1363	1366	1368	rBV	751131	824242	16.29%	0.785%
82	10.175	1373	1375	1378	rBV2	347817	339261	6.70%	0.323%
83	10.210	1379	1381	1383	rBV2	430826	360192	7.12%	0.343%
84	10.263	1388	1390	1393	rBV2	391179	382790	7.56%	0.365%
85	10.339	1401	1403	1405	rBV2	536908	518463	10.25%	0.494%
86	10.433	1417	1419	1420	rBV2	273675	223763	4.42%	0.213%
87	10.463	1420	1424	1427	rVB	2392970	2422225	47.87%	2.307%
88	10.586	1441	1445	1448	rVB2	1183907	1340616	26.49%	1.277%
89	10.728	1464	1469	1475	rBV	3326264	4378253	86.52%	4.170%
90	10.922	1500	1502	1509	rVB6	424245	598103	11.82%	0.570%
91	11.192	1544	1548	1554	rVB	2042897	2257194	44.60%	2.150%
92	11.286	1561	1564	1566	rBV	953116	954174	18.86%	0.909%
93	11.539	1604	1607	1610	rVB	723676	722301	14.27%	0.688%
94	11.810	1651	1653	1656	rVB2	368229	289446	5.72%	0.276%
95	12.333	1740	1742	1745	rVB	377356	313725	6.20%	0.299%
96	12.869	1829	1833	1836	rVB	2352647	2269894	44.86%	2.162%
97	13.763	1982	1985	1992	rVB	217439	237524	4.69%	0.226%
98	13.910	2006	2010	2013	rVB	799185	751241	14.85%	0.716%
99	14.757	2151	2154	2158	rVB	106276	104566	2.07%	0.100%
100	15.327	2246	2251	2257	rBV	602984	735923	14.54%	0.701%

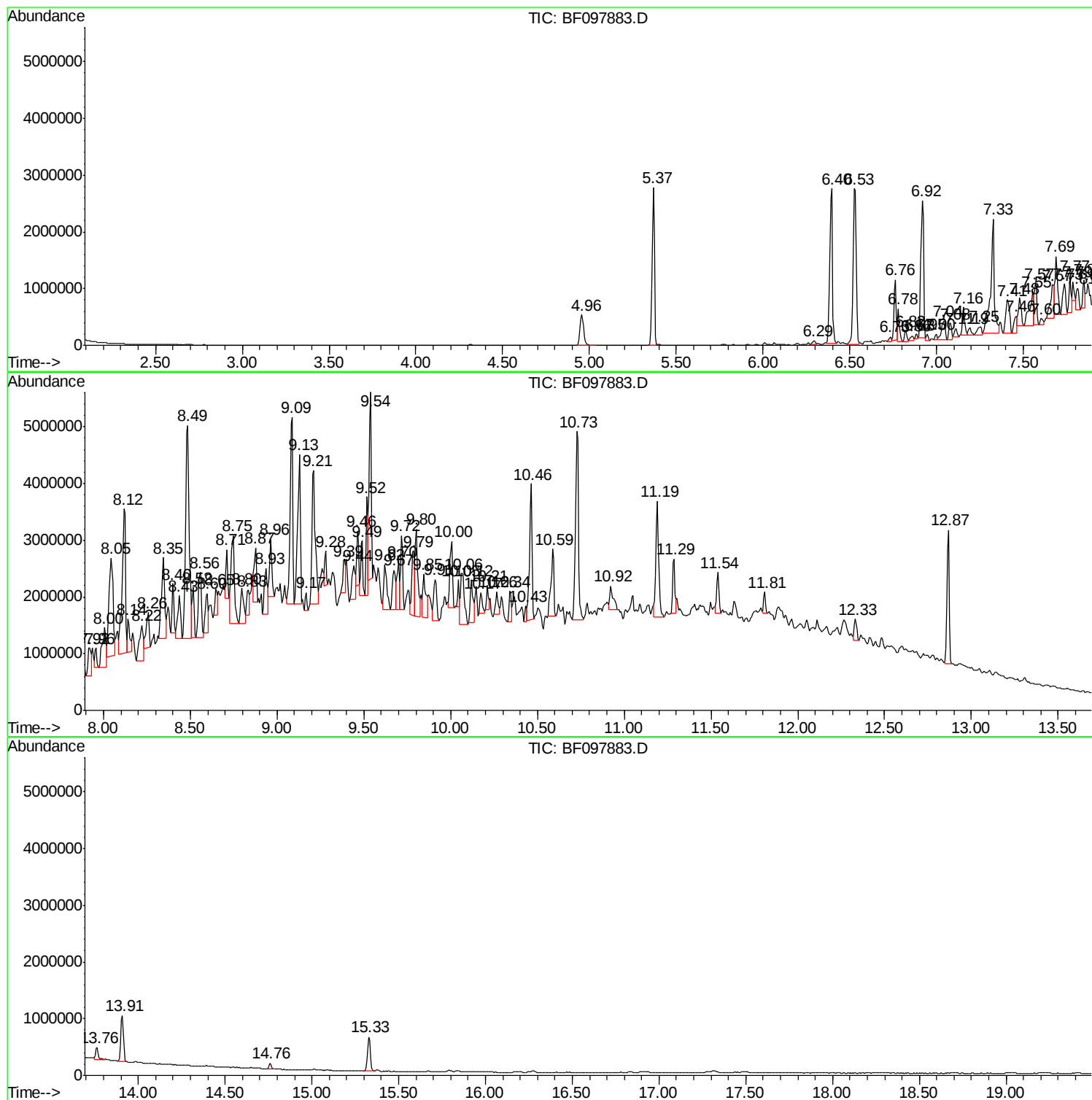
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Instrument :
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ClientSampled :
PI-4(25)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.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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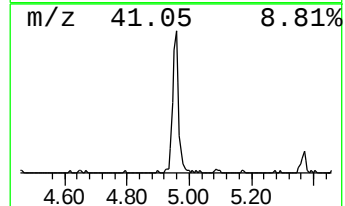
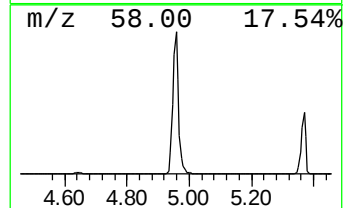
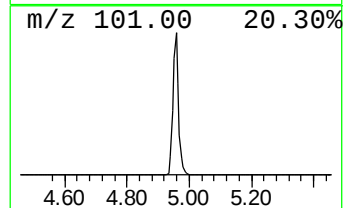
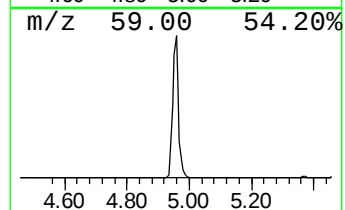
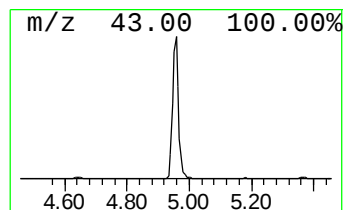
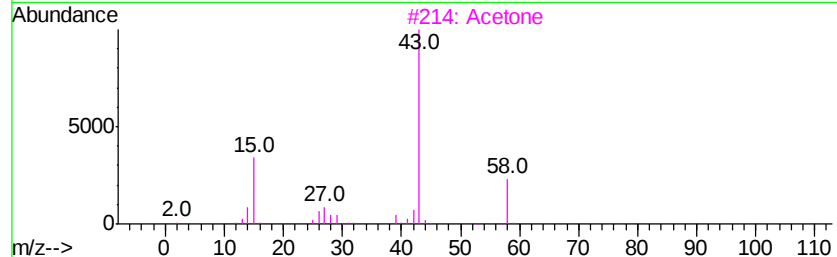
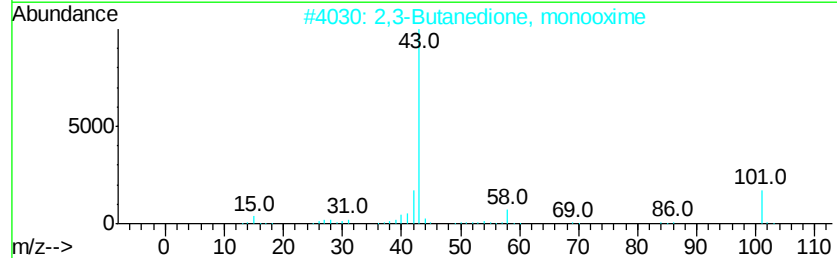
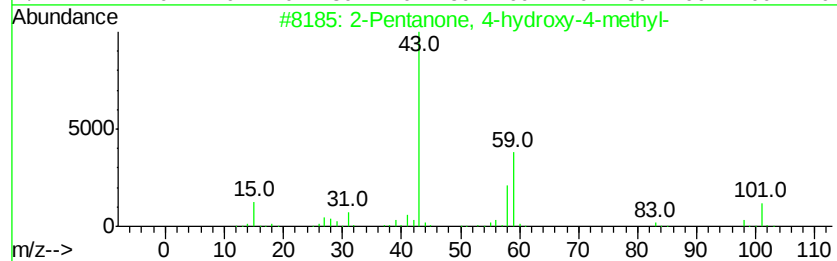
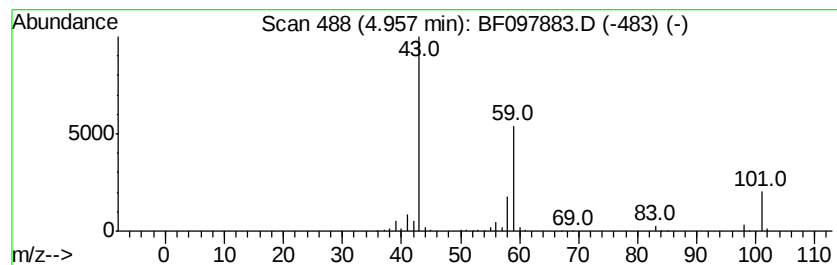
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	13.32 ng	692681	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetone	58	C3H6O	000067-64-1	10
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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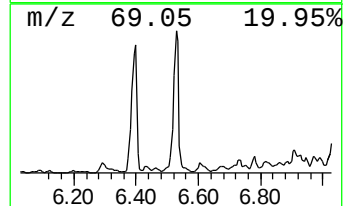
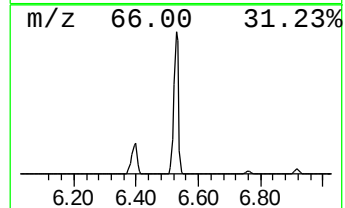
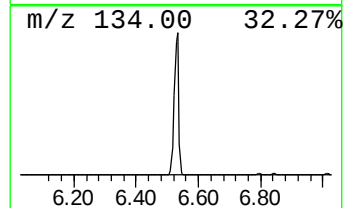
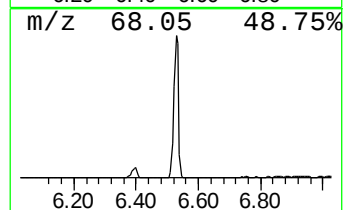
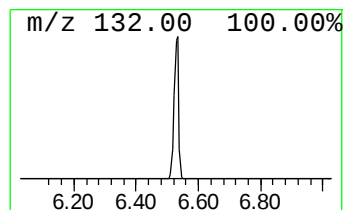
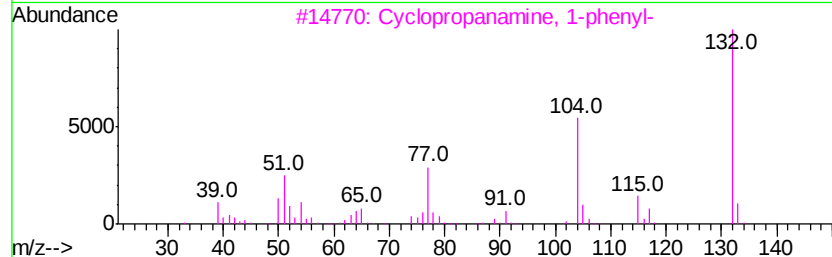
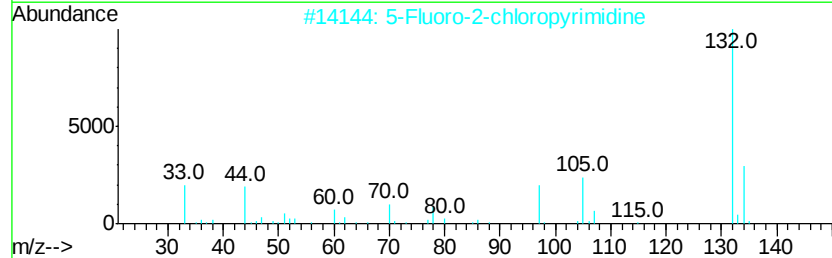
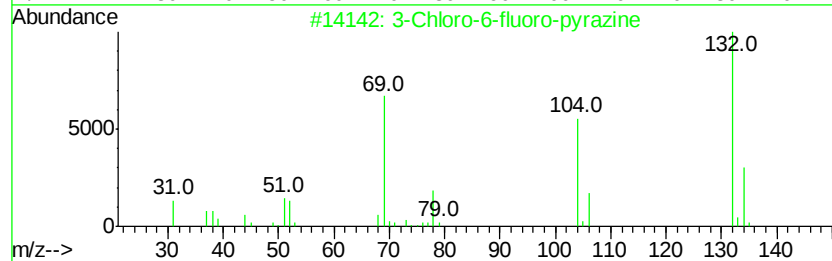
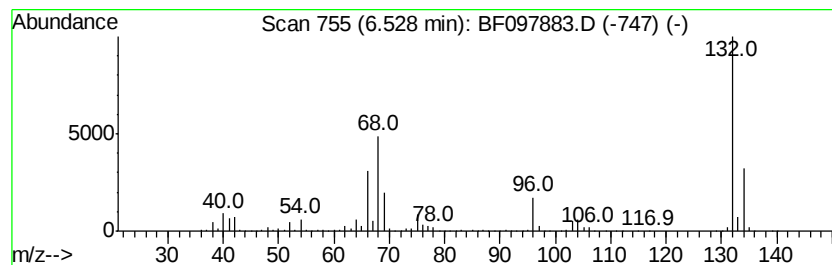
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	60.28 ng	3134000	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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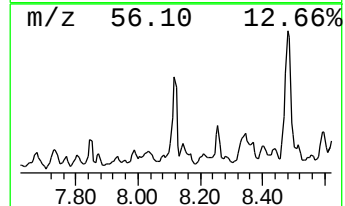
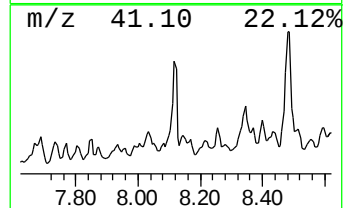
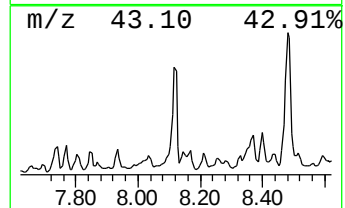
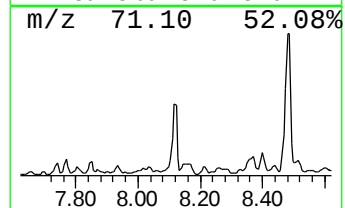
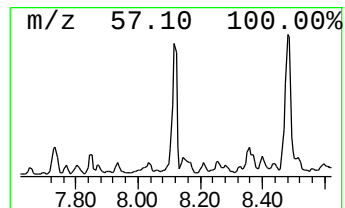
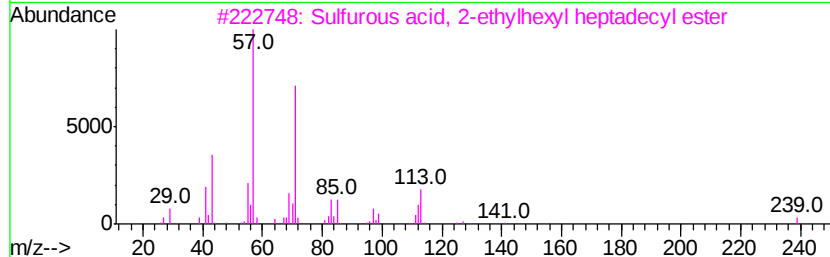
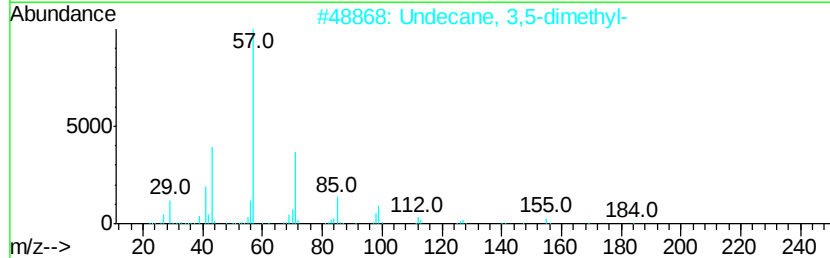
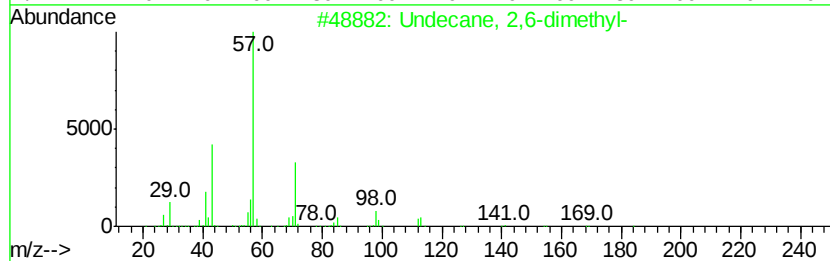
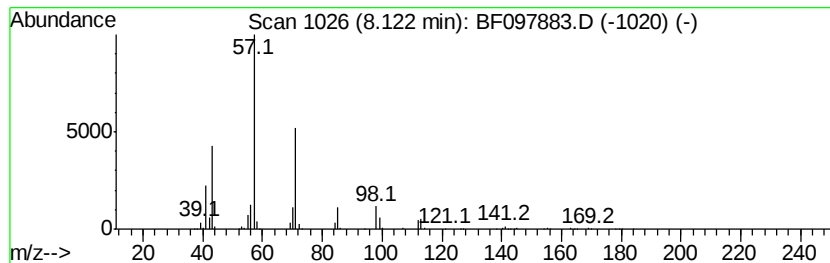
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	23.80 ng	3107850	Napthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
3		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097883.D
Acq On : 19 Aug 2017 17:15
Operator : SJ/JU
Sample : I4846-07
Misc :
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ClientSampleId :
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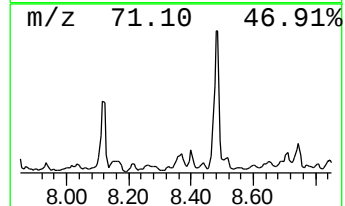
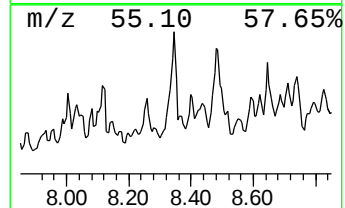
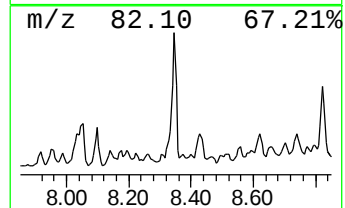
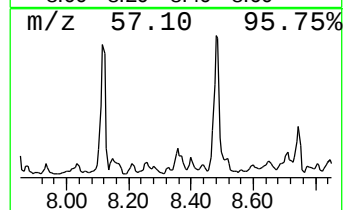
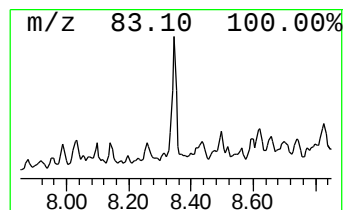
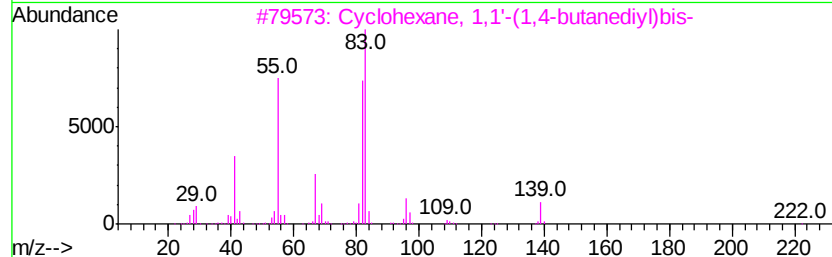
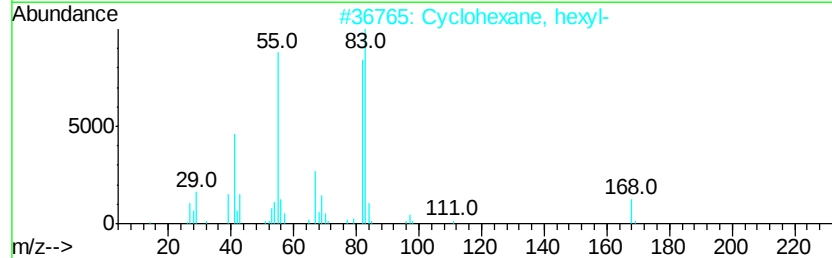
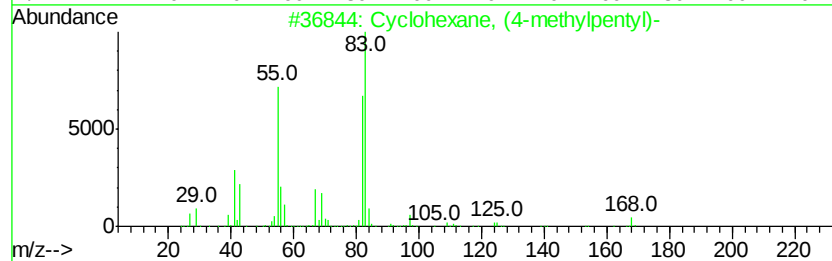
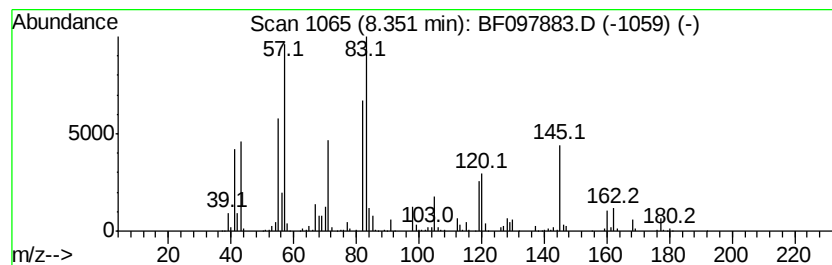
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, (4-methylpentyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	15.96 ng	2084260	Naphthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	74
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
3		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	59
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59



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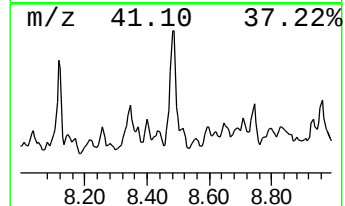
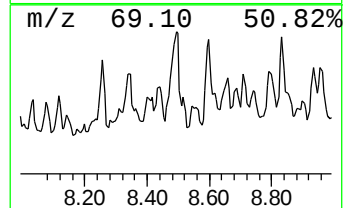
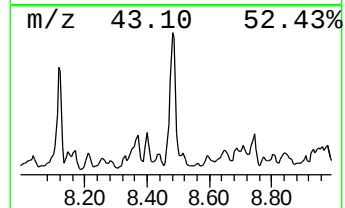
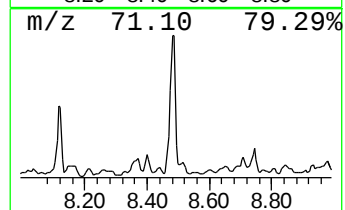
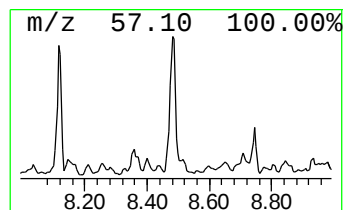
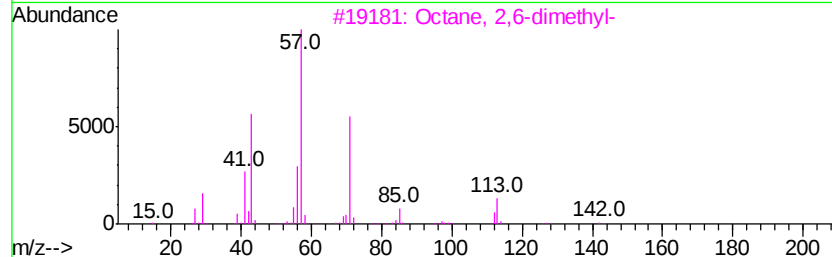
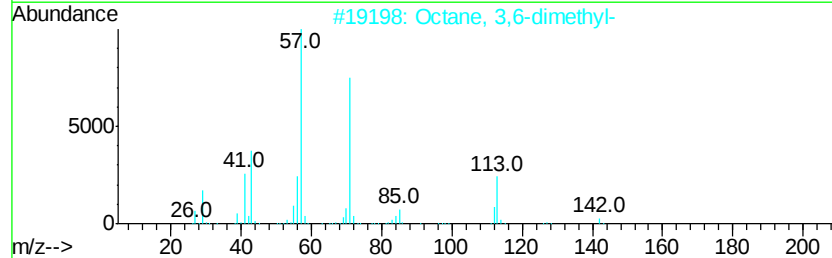
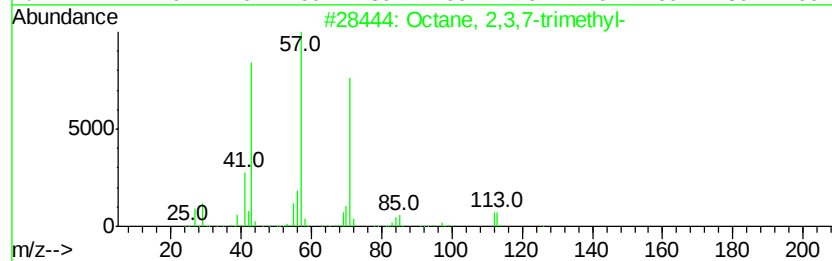
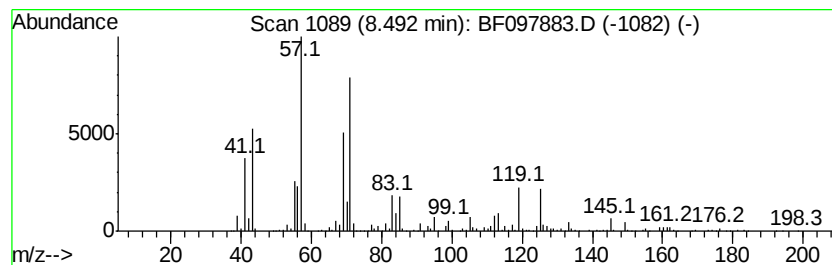
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 2,3,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	38.75 ng	5060430	Napthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4		Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	78
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
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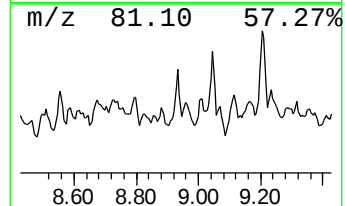
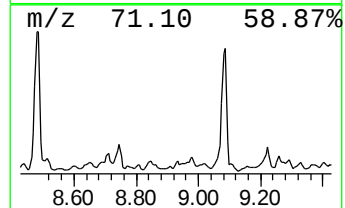
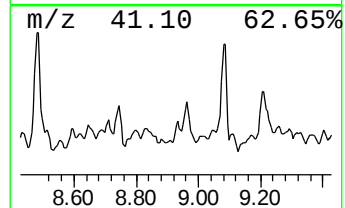
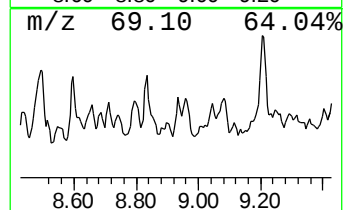
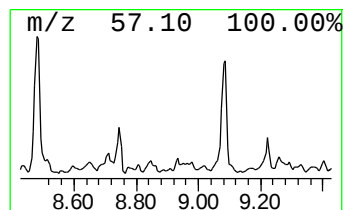
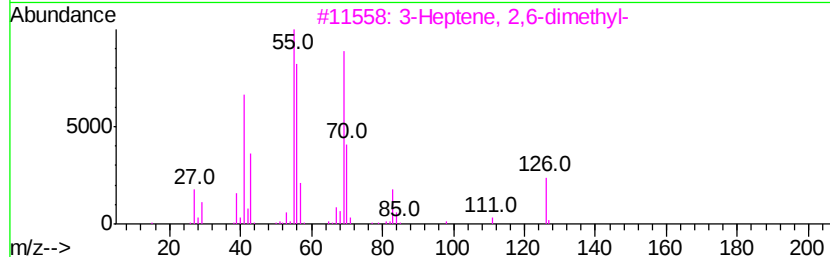
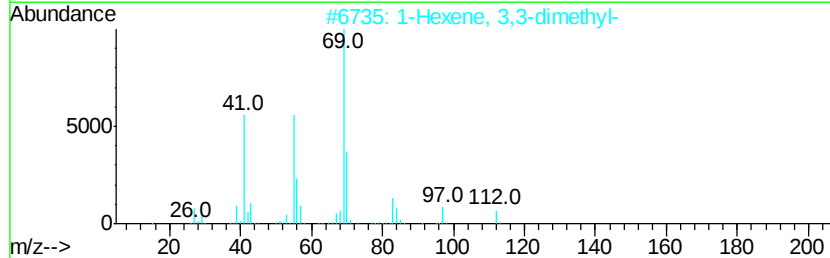
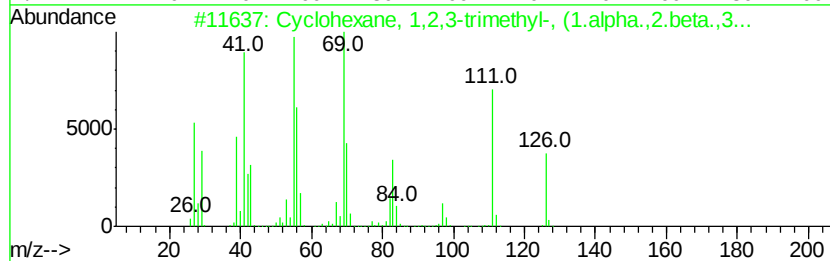
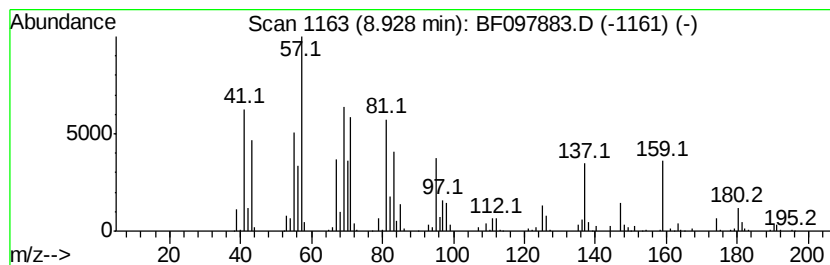
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.93 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	11.24 ng	865299	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	30
2		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	25
3		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	22
4		1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	22
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097883.D
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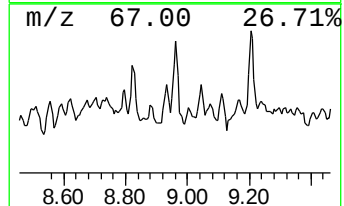
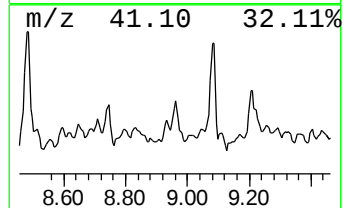
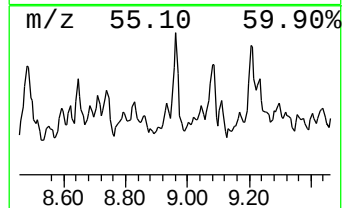
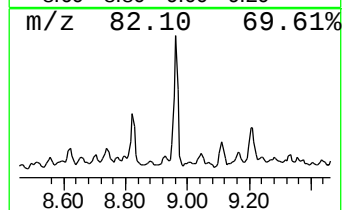
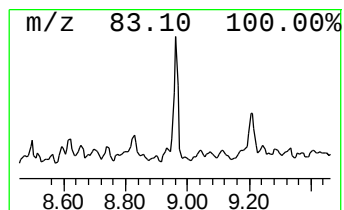
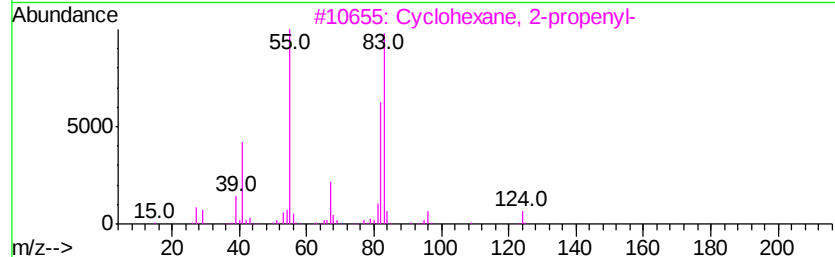
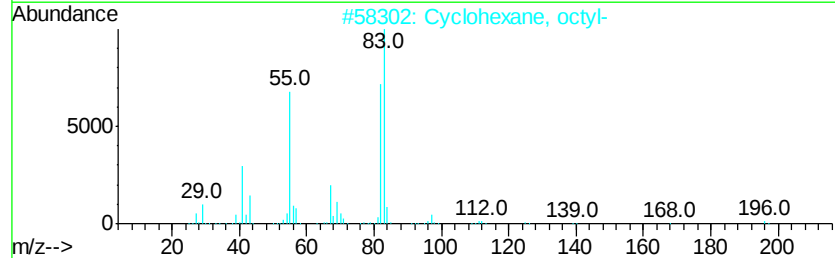
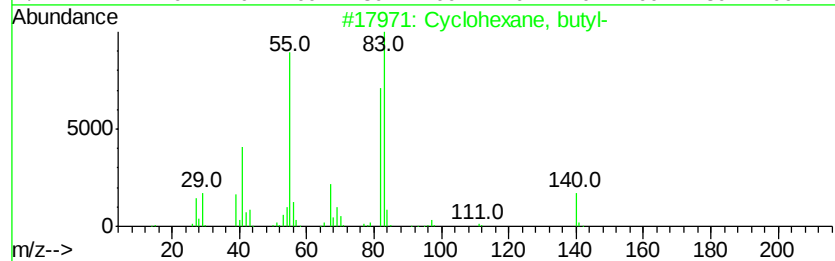
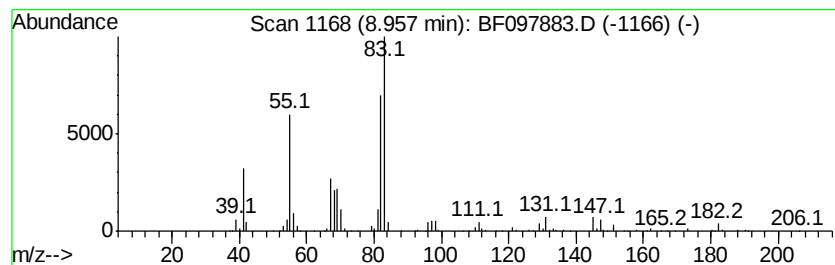
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	13.10 ng	1007720	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, butyl-	140 C10H20	001678-93-9 72
2		Cyclohexane, octyl-	196 C14H28	001795-15-9 72
3		Cyclohexane, 2-propenyl-	124 C9H16	002114-42-3 64
4		Cyclohexane, propyl-	126 C9H18	001678-92-8 64
5		Cyclohexane, pentyl-	154 C11H22	004292-92-6 56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097883.D
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Instrument :
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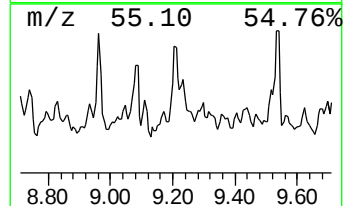
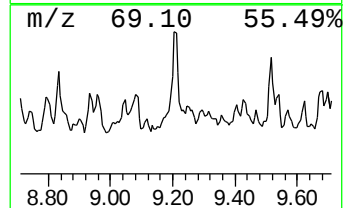
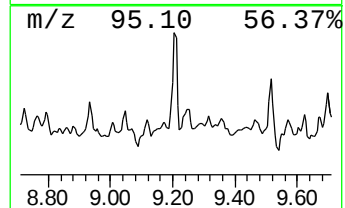
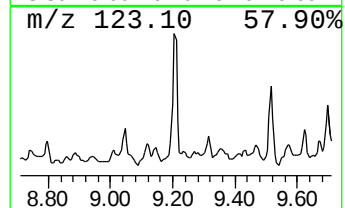
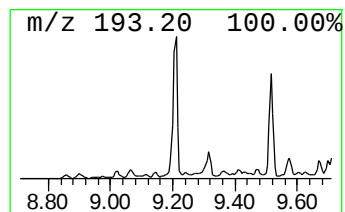
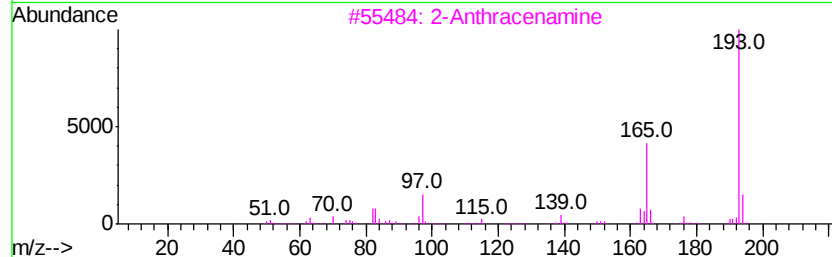
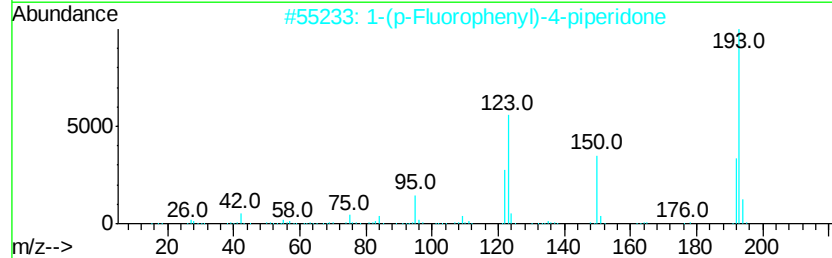
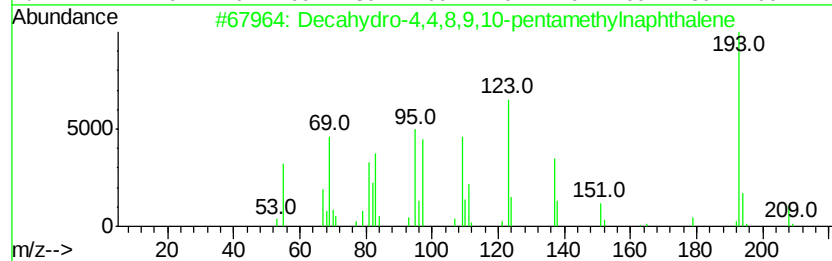
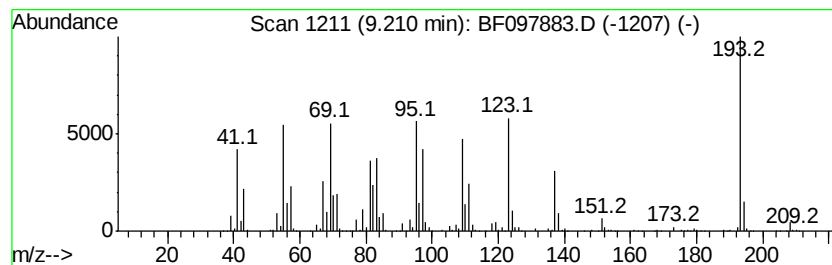
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	44.90 ng	3455030	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	38
3		2-Anthracenamine	193	C14H11N	000613-13-8	27
4		6-Acetamido-1,4-benzodioxane	193	C10H11N03	063546-19-0	16
5		Benzonitrile, pentafluoro-	193	C7F5N	000773-82-0	14



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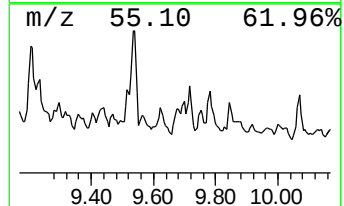
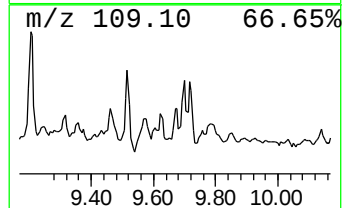
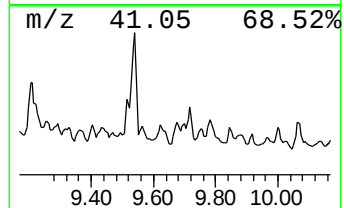
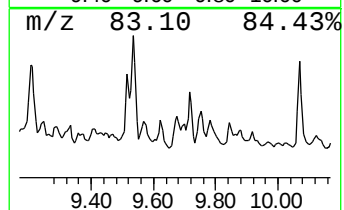
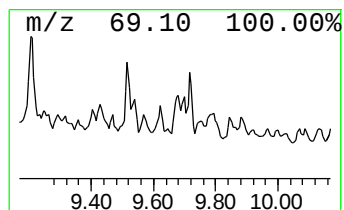
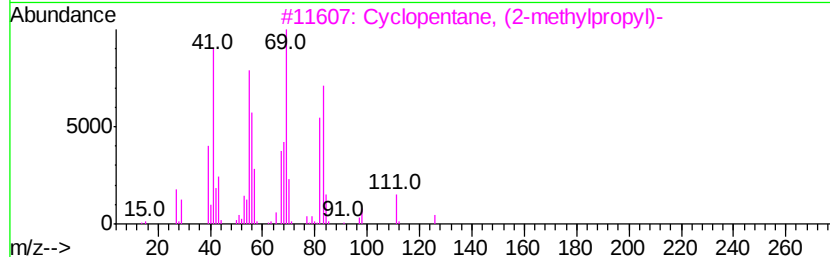
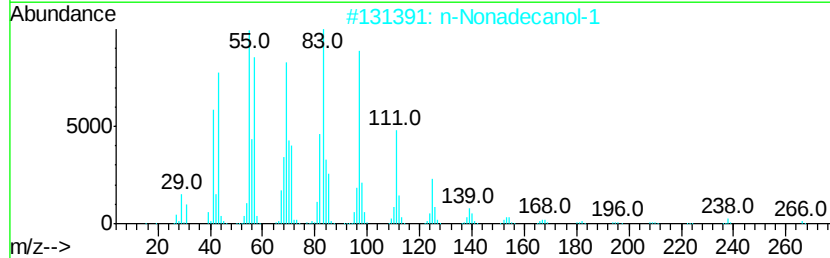
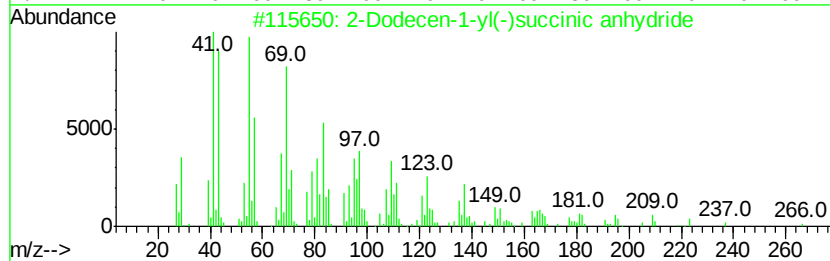
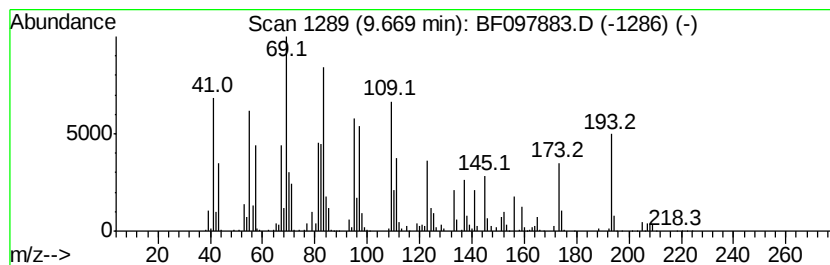
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Dodecen-1-yl(-)succinic a... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	13.09 ng	1007260	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	72
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	35
3		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	30
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	18
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	18



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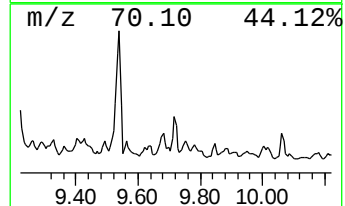
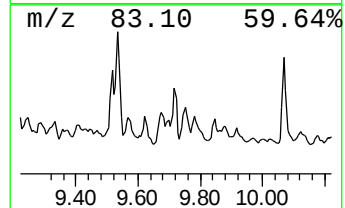
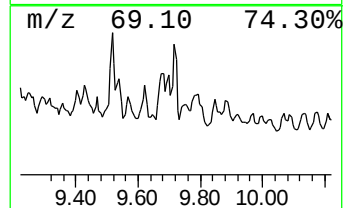
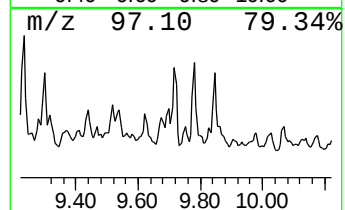
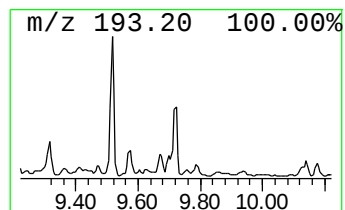
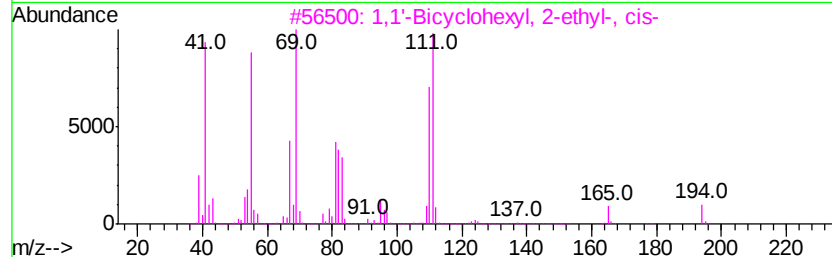
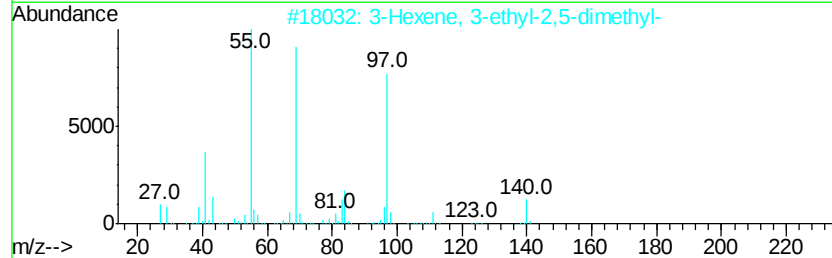
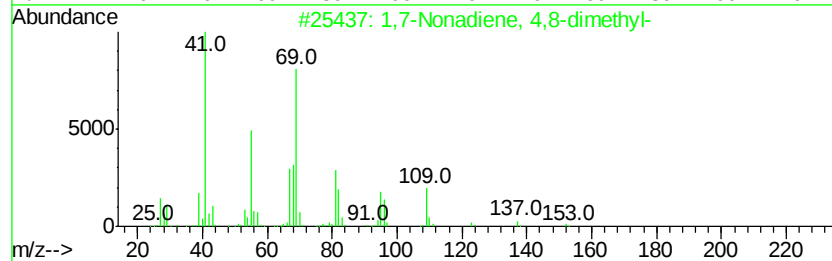
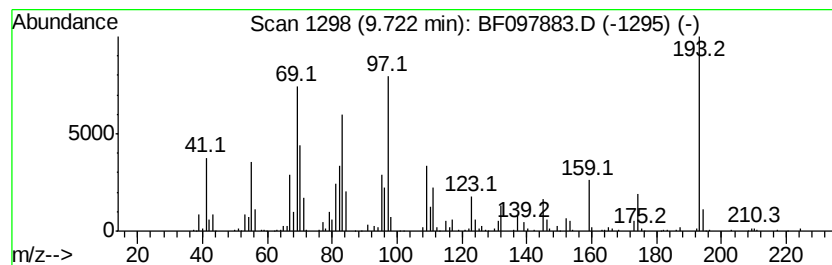
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.72 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	15.07 ng	1159940	Acenaphthene-d10	9.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	42
2			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	38
3			1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	20
4			Cyclohexane, 1-(cyclohexylmethyl)-	194	C14H26	054824-04-3	18
5			1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097883.D
Acq On : 19 Aug 2017 17:15
Operator : SJ/JU
Sample : I4846-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

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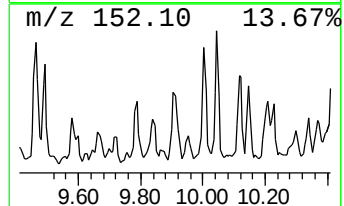
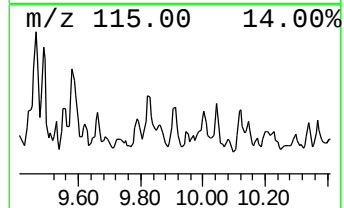
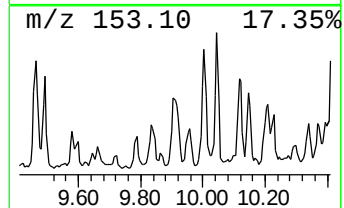
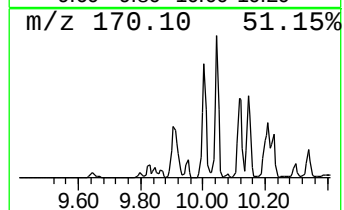
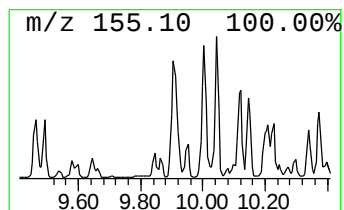
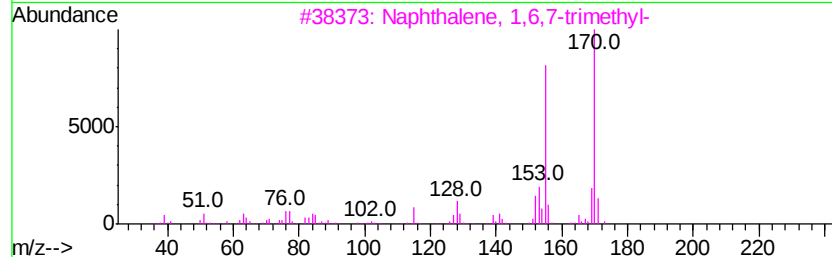
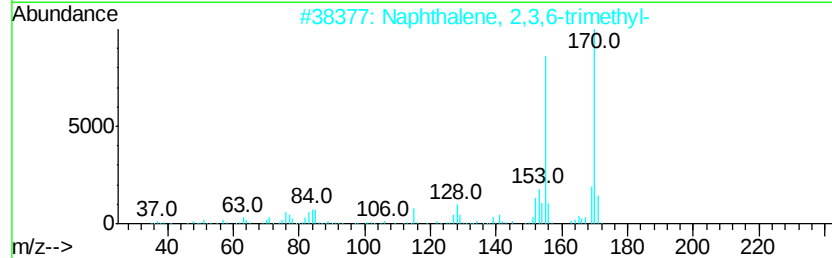
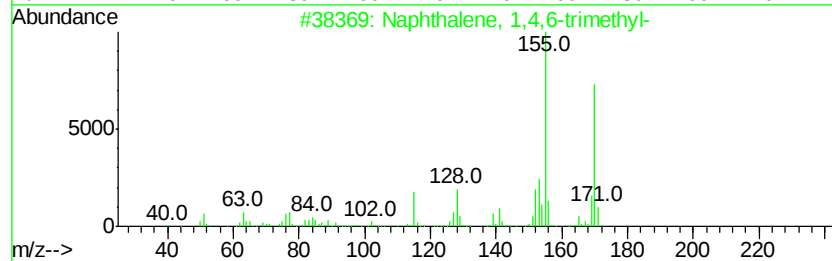
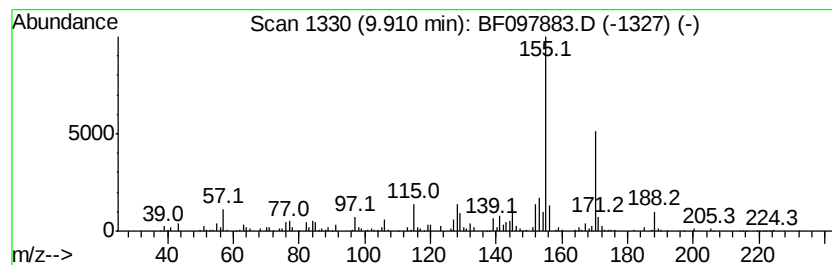
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	12.60 ng	969382	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	83
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081917\
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Acq On : 19 Aug 2017 17:15
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ClientSampleId :
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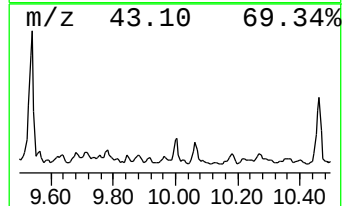
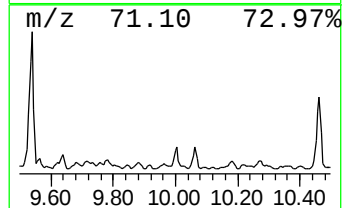
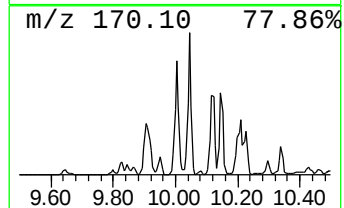
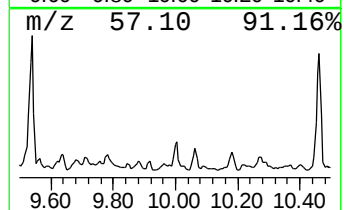
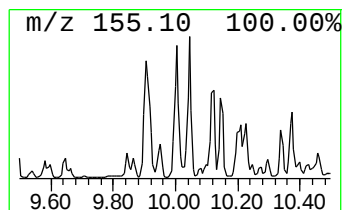
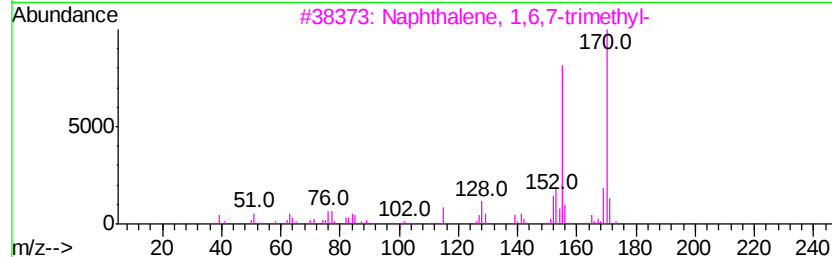
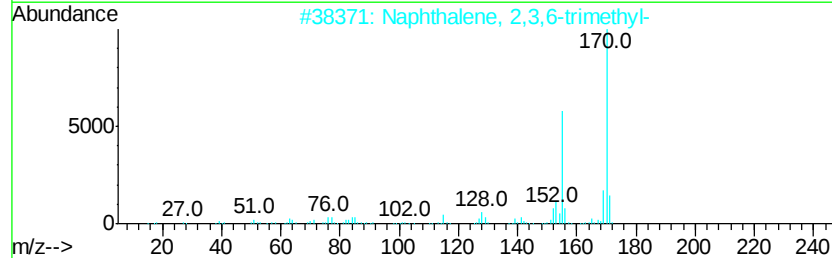
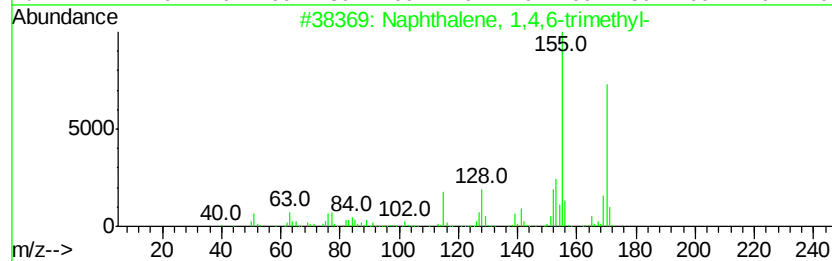
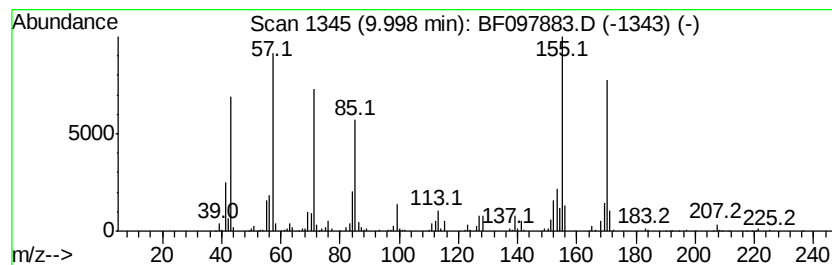
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	13.21 ng	1016480	Acenaphthene-d10	9.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097883.D
Acq On : 19 Aug 2017 17:15
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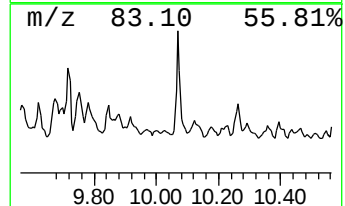
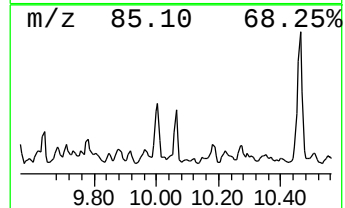
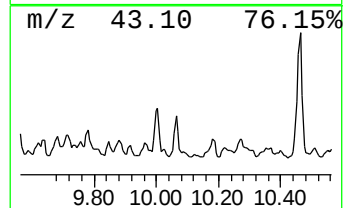
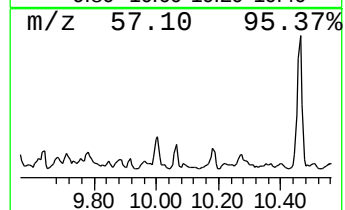
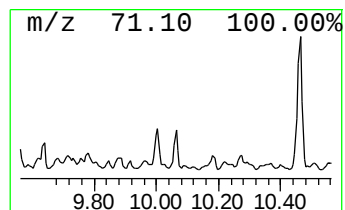
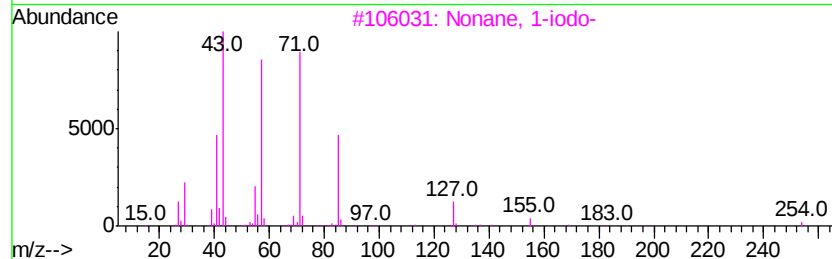
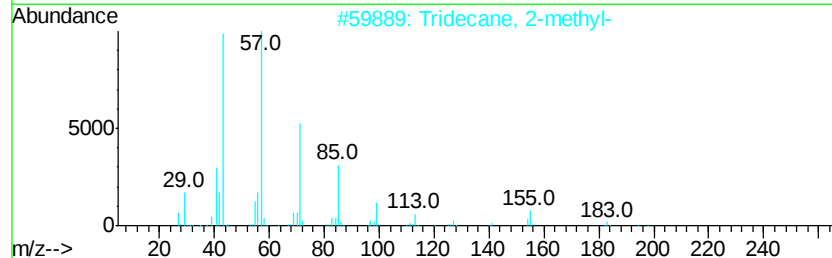
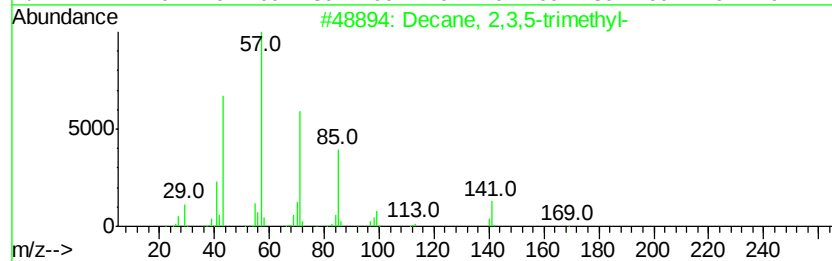
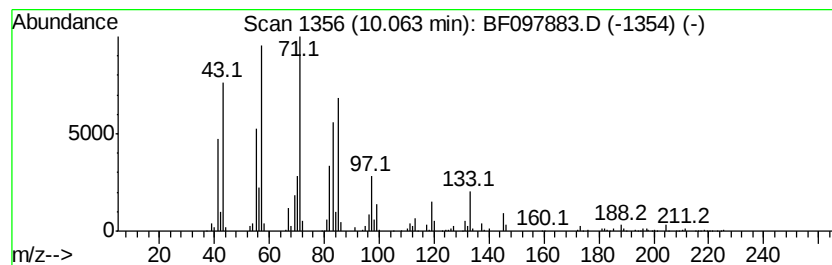
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	15.58 ng	1198560	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	46
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	38
3		Nonane, 1-iodo-	254	C9H19I	004282-42-2	35
4		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	35
5		Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081917\
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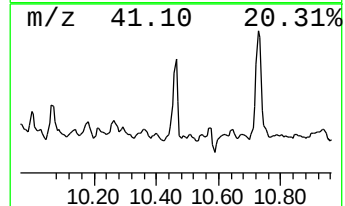
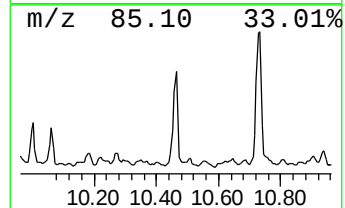
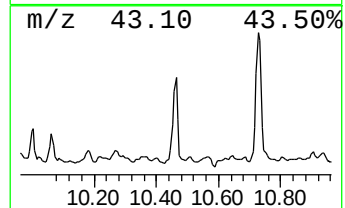
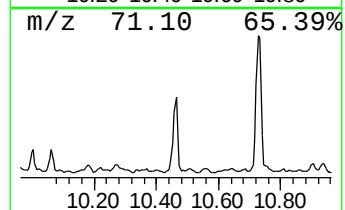
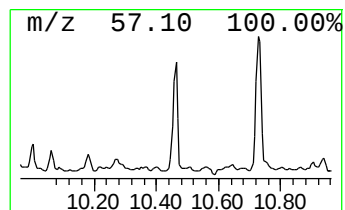
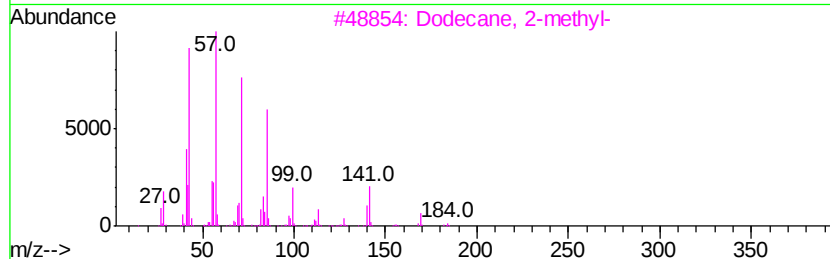
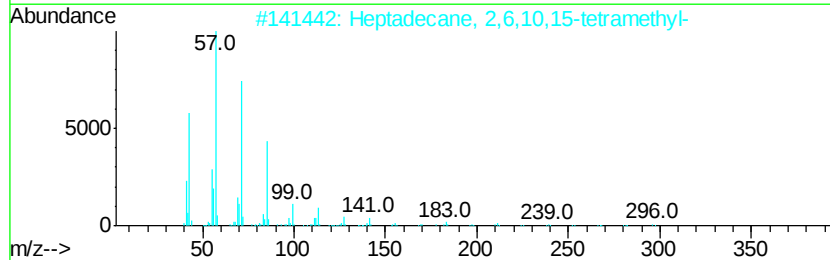
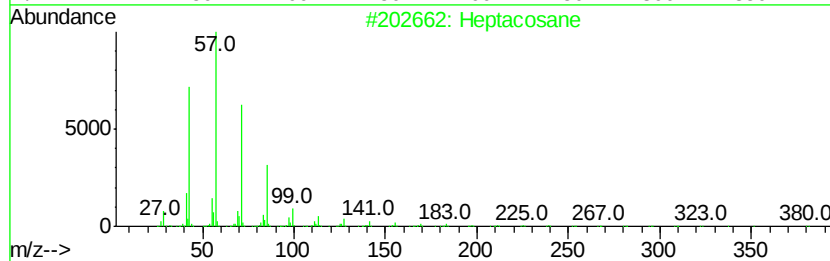
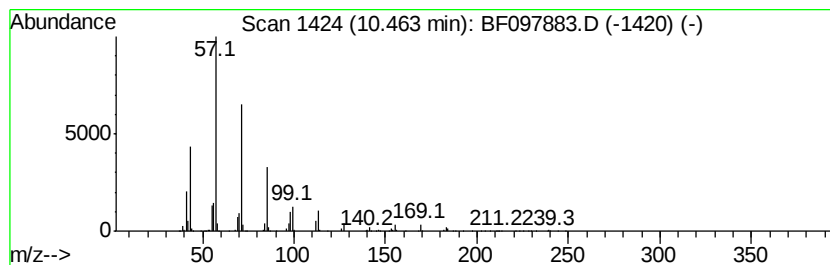
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.46	31.48 ng	2422230	Acenaphthene-d10	9.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	68
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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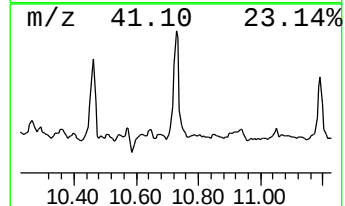
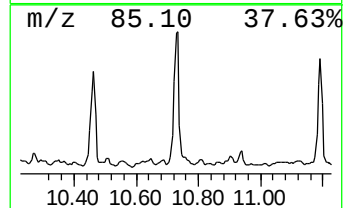
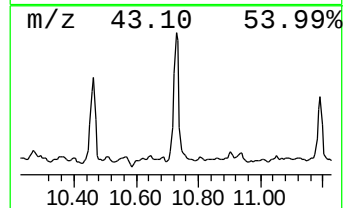
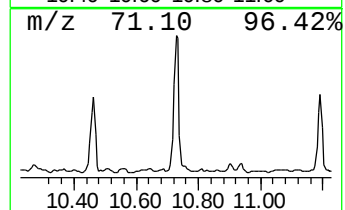
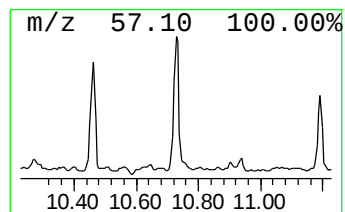
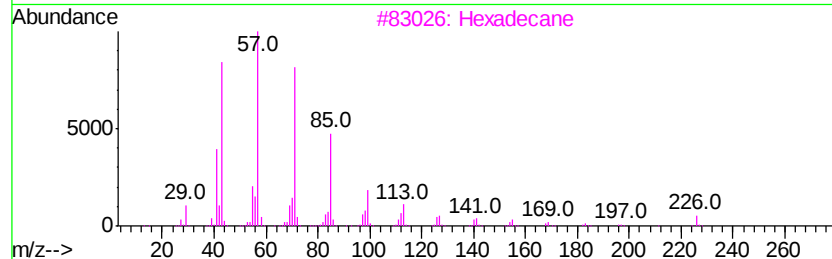
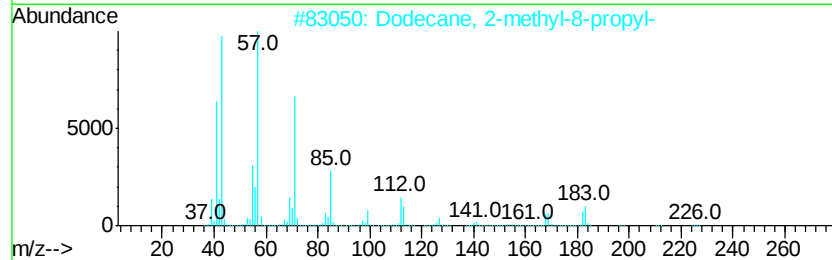
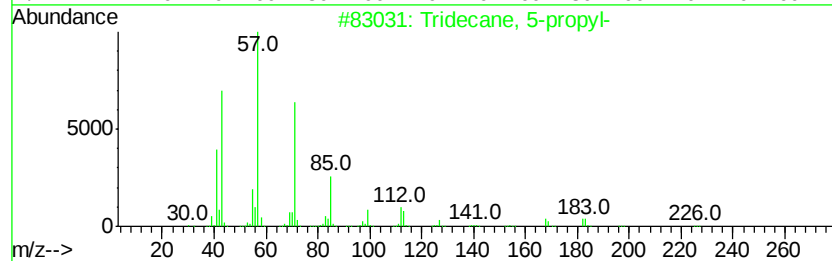
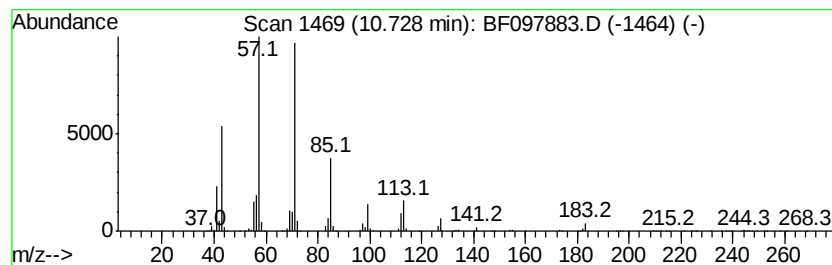
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	91.77 ng	4378250	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
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ALS Vial : 13 Sample Multiplier: 1

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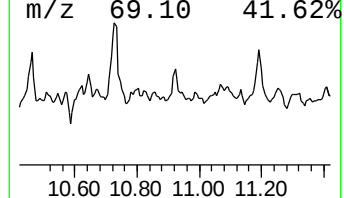
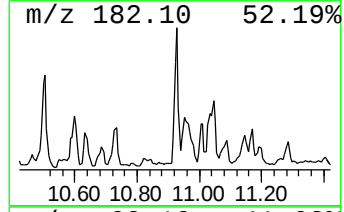
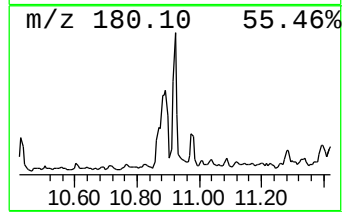
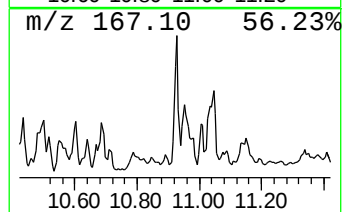
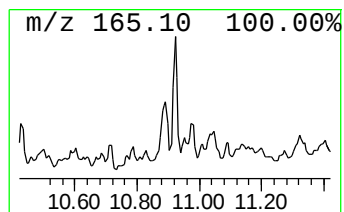
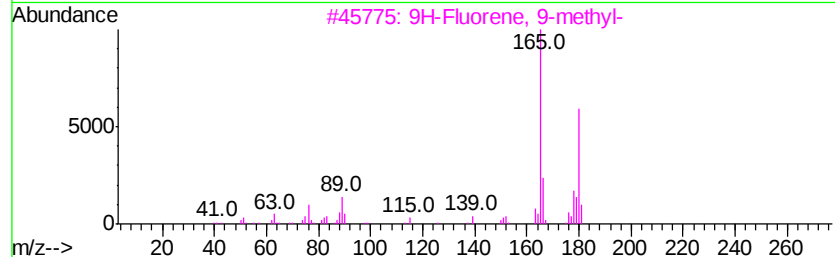
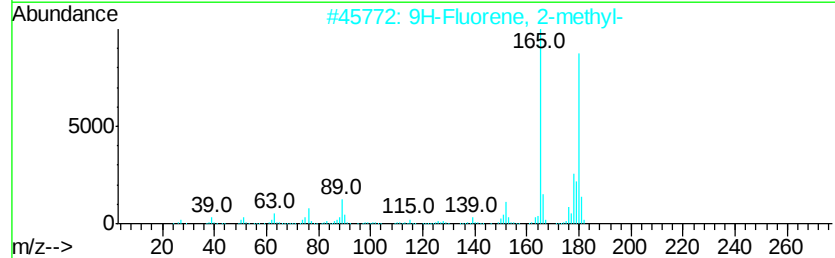
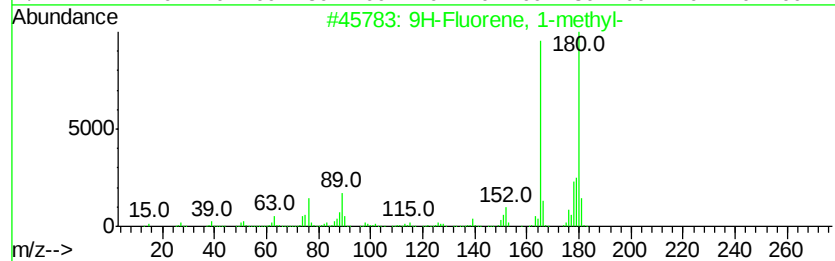
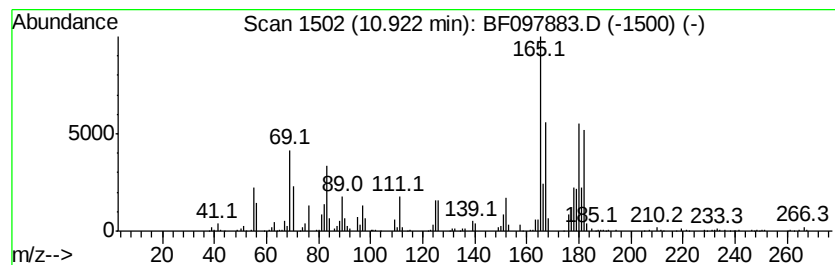
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	12.54 ng	598103	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
4		Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	49
5		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	46



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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
PI-4(25)

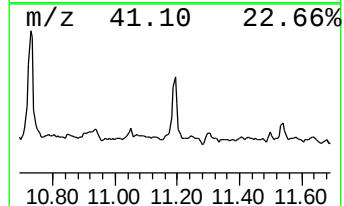
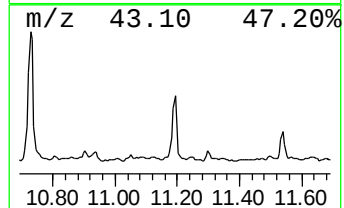
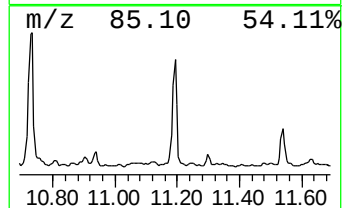
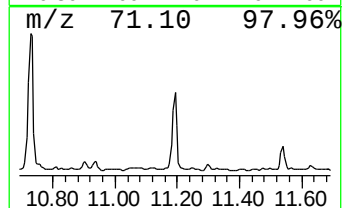
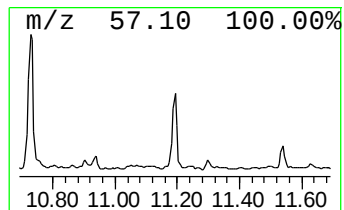
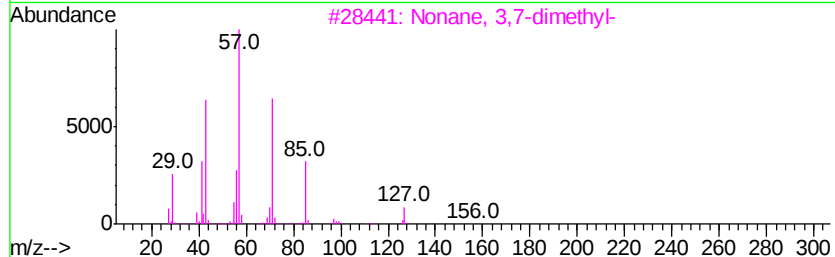
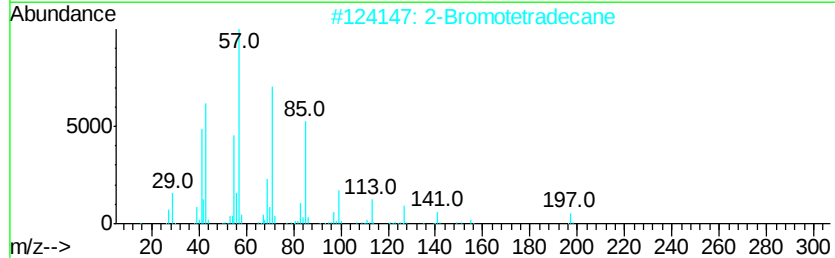
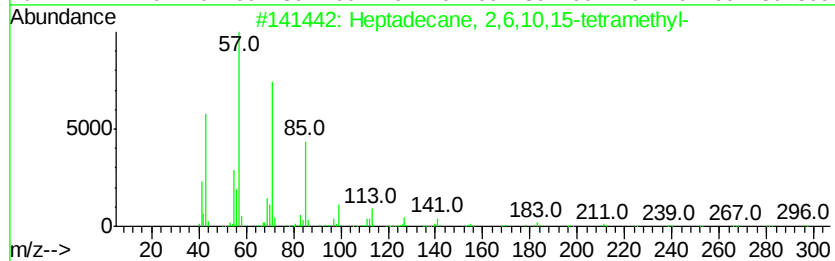
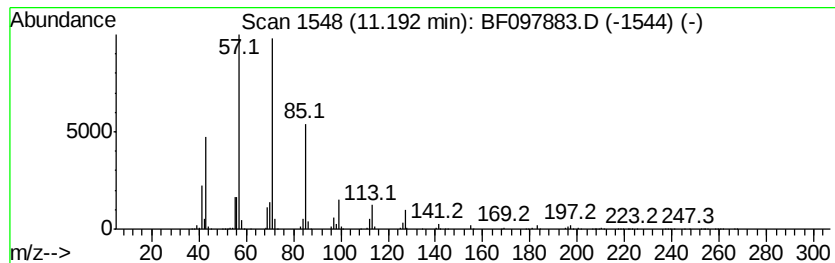
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	47.31 ng	2257190	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	78
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081917\
Data File : BF097883.D
Acq On : 19 Aug 2017 17:15
Operator : SJ/JU
Sample : I4846-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

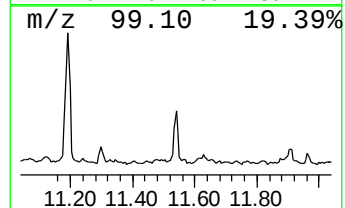
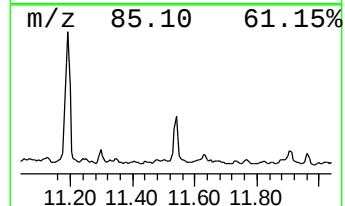
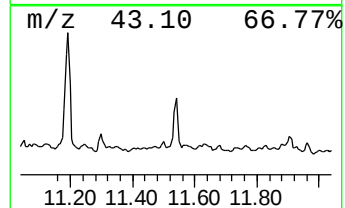
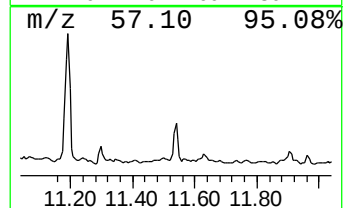
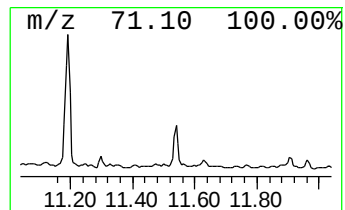
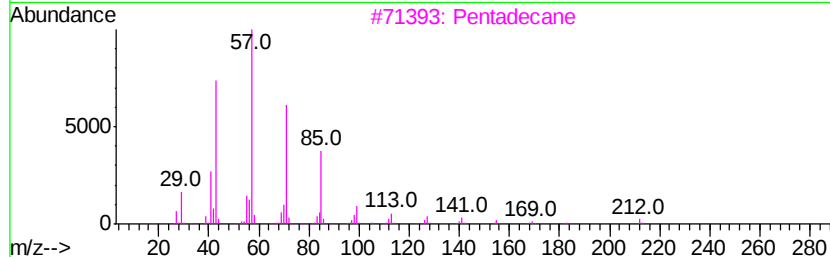
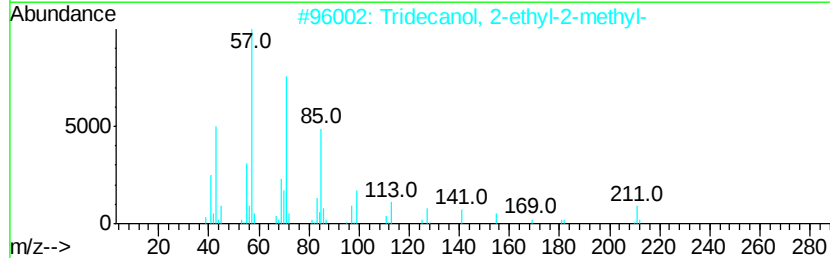
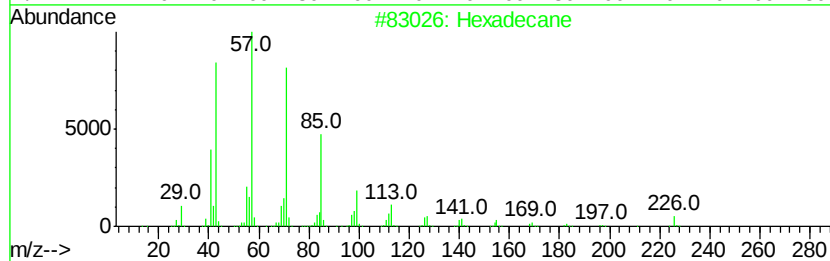
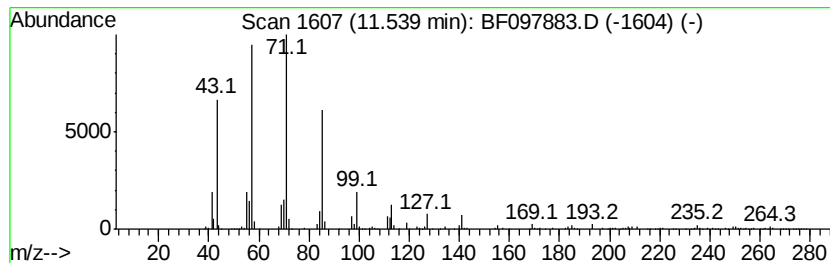
Instrument :
BNA_F
ClientSampleId :
PI-4(25)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.54	15.14 ng	722301	Phenanthrene-d10	11.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
3	Pentadecane	212	C15H32	000629-62-9	83
4	Heptacosane	380	C27H56	000593-49-7	80
5	Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081917\
 Data File : BF097883.D
 Acq On : 19 Aug 2017 17:15
 Operator : SJ/JU
 Sample : I4846-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PI-4(25)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
2-Pentanone, 4-hy...	4.96	13.3	ng	692681	1	6.76	1039780	20.0
unknown6.53	6.53	60.3	ng	3134000	1	6.76	1039780	20.0
Undecane, 2,6-dim...	8.12	23.8	ng	3107850	2	8.05	2611590	20.0
Cyclohexane, (4-m...	8.35	16.0	ng	2084260	2	8.05	2611590	20.0
Octane, 2,3,7-tri...	8.49	38.8	ng	5060430	2	8.05	2611590	20.0
unknown8.93	8.93	11.2	ng	865299	3	9.80	1539010	20.0
Cyclohexane, butyl-	8.96	13.1	ng	1007720	3	9.80	1539010	20.0
Decahydro-4,4,8,9...	9.21	44.9	ng	3455030	3	9.80	1539010	20.0
2-Dodecen-1-yl(-)...	9.67	13.1	ng	1007260	3	9.80	1539010	20.0
unknown9.72	9.72	15.1	ng	1159940	3	9.80	1539010	20.0
Naphthalene, 1,4,...	9.91	12.6	ng	969382	3	9.80	1539010	20.0
Naphthalene, 2,3,...	10.00	13.2	ng	1016480	3	9.80	1539010	20.0
unknown10.06	10.06	15.6	ng	1198560	3	9.80	1539010	20.0
Heptacosane	10.46	31.5	ng	2422230	3	9.80	1539010	20.0
Tridecane, 5-propyl-	10.73	91.8	ng	4378250	4	11.28	954174	20.0
9H-Fluorene, 1-me...	10.92	12.5	ng	598103	4	11.28	954174	20.0
Heptadecane, 2,6,...	11.19	47.3	ng	2257190	4	11.28	954174	20.0
Hexadecane	11.54	15.1	ng	722301	4	11.28	954174	20.0