

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077607.D
 Acq On : 5 Mar 2015 5:56
 Operator : TP/IZ
 Sample : G1424-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB17

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.378	40	43	45	rBV	2189378	2430060	100.00%	12.087%
2	1.504	51	54	60	rVB	87576	163701	6.74%	0.814%
3	1.675	67	69	71	rBV	44079	57196	2.35%	0.284%
4	1.824	80	82	93	rVB	260921	368999	15.18%	1.835%
5	4.190	287	289	298	rVB	42360	65337	2.69%	0.325%
6	4.990	357	359	366	rVB	482951	596402	24.54%	2.966%
7	5.516	402	405	408	rVB	622501	683416	28.12%	3.399%
8	6.785	514	516	519	rBV	1151361	1044909	43.00%	5.197%
9	6.933	527	529	532	rBV	1059019	963138	39.63%	4.791%
10	7.219	552	554	556	rBV	394086	384474	15.82%	1.912%
11	7.413	568	571	573	rVB	742951	898105	36.96%	4.467%
12	7.916	612	615	617	rBV	689169	697411	28.70%	3.469%
13	8.796	690	692	695	rBV	608651	558233	22.97%	2.777%
14	9.356	738	741	745	rBV2	16742	33192	1.37%	0.165%
15	9.573	757	760	762	rBV2	21006	32194	1.32%	0.160%
16	9.688	767	770	772	rVB3	14101	25251	1.04%	0.126%
17	10.099	802	806	807	rBV3	15315	25498	1.05%	0.127%
18	10.145	807	810	812	rVV	1633467	1416984	58.31%	7.048%
19	10.225	815	817	820	rBV3	12202	24983	1.03%	0.124%
20	10.648	852	854	861	rVB2	80843	124709	5.13%	0.620%
21	10.796	865	867	869	rBV	35758	38244	1.57%	0.190%
22	10.934	877	879	880	rBV	30874	31480	1.30%	0.157%
23	10.968	880	882	884	rVV2	565987	623643	25.66%	3.102%
24	11.014	884	886	889	rVB	19146	31753	1.31%	0.158%
25	11.231	902	905	907	rBV	33691	39990	1.65%	0.199%
26	11.379	916	918	919	rBV	22426	33489	1.38%	0.167%
27	11.482	925	927	930	rBV3	19484	33927	1.40%	0.169%
28	11.654	940	942	944	rBV	22563	31633	1.30%	0.157%
29	11.871	959	961	963	rVB	62320	59860	2.46%	0.298%
30	11.951	965	968	971	rVB	110521	142642	5.87%	0.709%
31	12.156	984	986	988	rVB	34737	63012	2.59%	0.313%
32	12.579	1020	1023	1026	rVB3	16556	27768	1.14%	0.138%
33	12.637	1026	1028	1031	rBV	11976	24887	1.02%	0.124%
34	12.739	1036	1037	1041	rVB	32747	34178	1.41%	0.170%

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35	12.808	1041	1043	1048	rBV2	573223	784896	32.30%	3.904%
36	12.899	1048	1051	1053	rBV	46552	76476	3.15%	0.380%
37	13.242	1078	1081	1083	rVB2	25641	41862	1.72%	0.208%
38	13.437	1096	1098	1100	rBV2	29564	50505	2.08%	0.251%
39	13.471	1100	1101	1104	rVB	52494	59125	2.43%	0.294%
40	13.528	1104	1106	1108	rBV	23299	35641	1.47%	0.177%
41	13.574	1108	1110	1112	rBV2	66611	90675	3.73%	0.451%
42	13.608	1112	1113	1118	rVB5	32182	29804	1.23%	0.148%
43	13.677	1118	1119	1122	rBV3	14090	27730	1.14%	0.138%
44	13.745	1122	1125	1128	rBV2	20542	44361	1.83%	0.221%
45	13.814	1129	1131	1133	rBV	34298	58269	2.40%	0.290%
46	14.031	1149	1150	1152	rBV	25009	35911	1.48%	0.179%
47	14.122	1157	1158	1160	rVV	45014	61109	2.51%	0.304%
48	14.168	1160	1162	1163	rVV2	34725	46225	1.90%	0.230%
49	14.237	1166	1168	1170	rVB2	40061	48141	1.98%	0.239%
50	14.317	1172	1175	1177	rVV	494937	473042	19.47%	2.353%
51	14.397	1179	1182	1184	rVV2	40910	55690	2.29%	0.277%
52	14.500	1189	1191	1195	rBV2	61023	108317	4.46%	0.539%
53	14.591	1197	1199	1202	rVB	365911	490830	20.20%	2.441%
54	14.648	1202	1204	1206	rBV2	18320	28895	1.19%	0.144%
55	14.694	1206	1208	1211	rVB2	36230	54495	2.24%	0.271%
56	14.751	1211	1213	1215	rBV	37064	58217	2.40%	0.290%
57	14.808	1215	1218	1220	rBV	1611507	1637549	67.39%	8.145%
58	15.140	1245	1247	1249	rBV2	65578	101604	4.18%	0.505%
59	15.254	1255	1257	1258	rBV	35892	36011	1.48%	0.179%
60	15.300	1259	1261	1262	rBV2	40126	52789	2.17%	0.263%
61	15.574	1283	1285	1288	rVB	52916	49005	2.02%	0.244%
62	15.643	1289	1291	1293	rVV2	41800	43716	1.80%	0.217%
63	15.780	1301	1303	1305	rBV2	57046	76192	3.14%	0.379%
64	15.974	1318	1320	1323	rBV2	271452	352699	14.51%	1.754%
65	16.100	1328	1331	1332	rVV2	728822	1056453	43.47%	5.255%
66	16.123	1332	1333	1339	rVB2	163608	285612	11.75%	1.421%
67	16.397	1355	1357	1361	rVB2	92950	180304	7.42%	0.897%
68	16.786	1389	1391	1395	rBV2	104066	173555	7.14%	0.863%
69	17.380	1440	1443	1447	rBV	157425	354765	14.60%	1.765%
70	17.563	1457	1459	1462	rBV2	119494	232777	9.58%	1.158%
71	17.757	1473	1476	1477	rBV	139542	194556	8.01%	0.968%

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Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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72	17.814	1479	1481	1485	rVB	523095	706454	29.07%	3.514%
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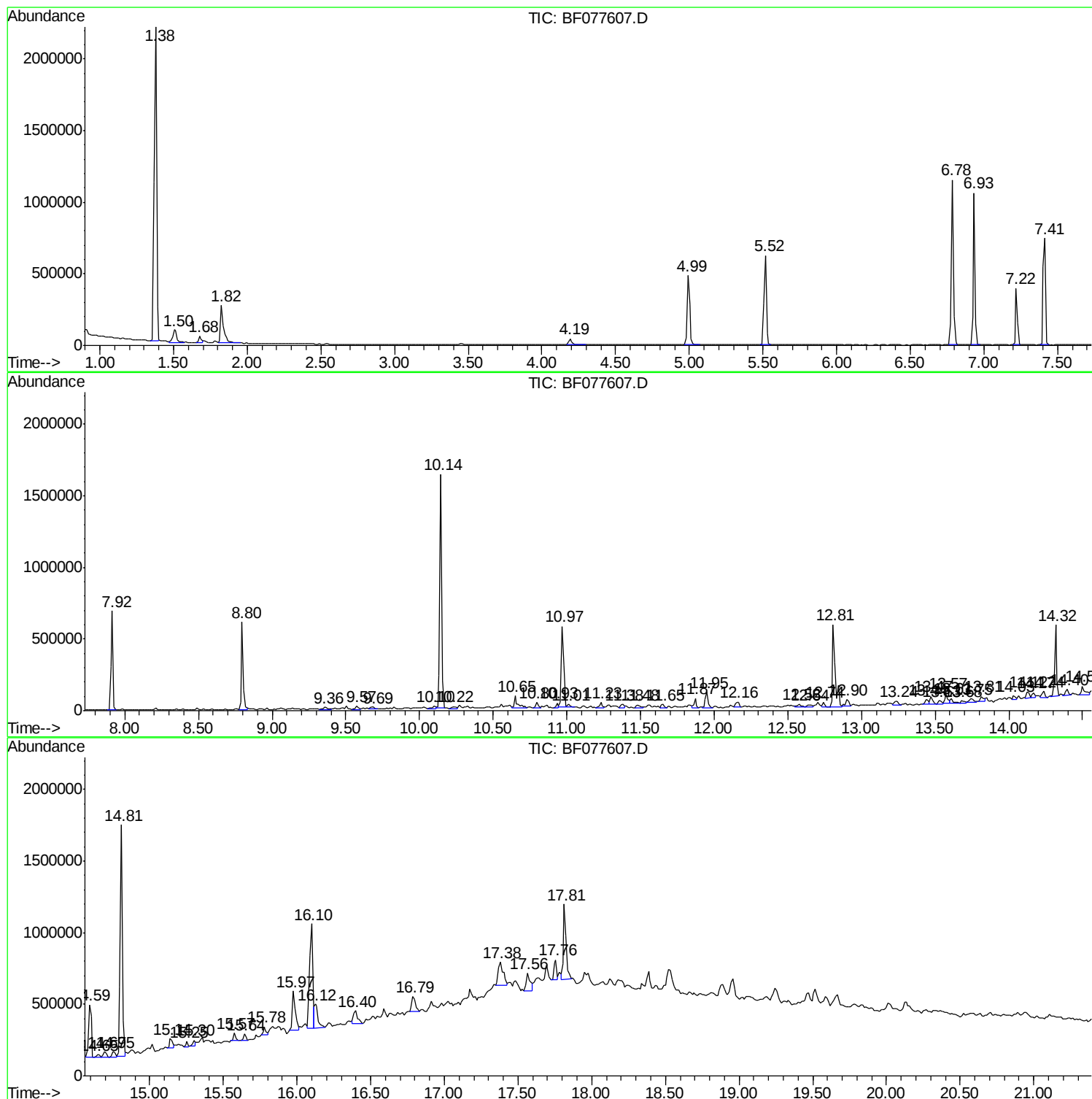
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
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Operator : TP/IZ
Sample : G1424-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB17

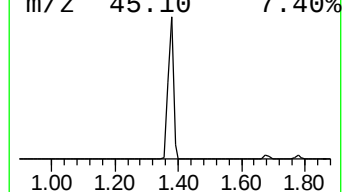
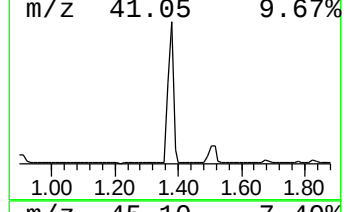
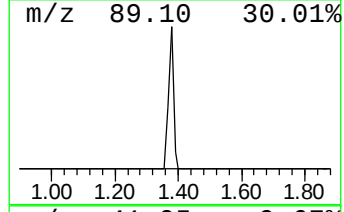
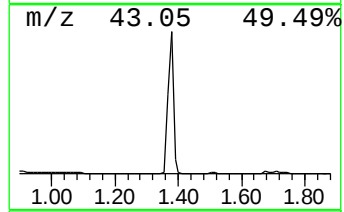
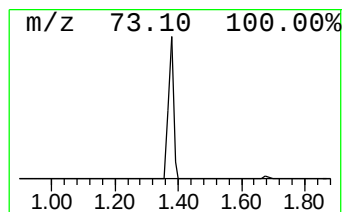
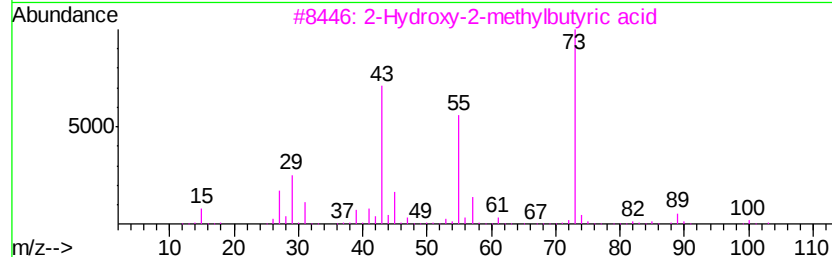
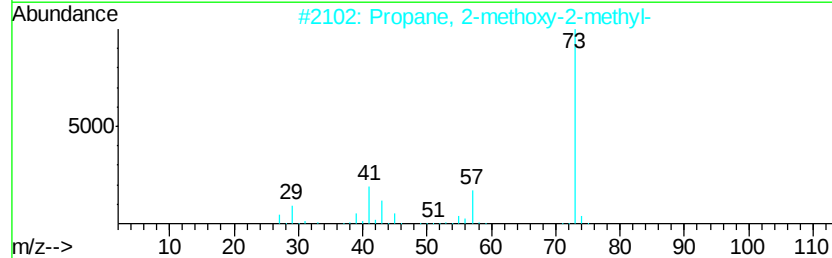
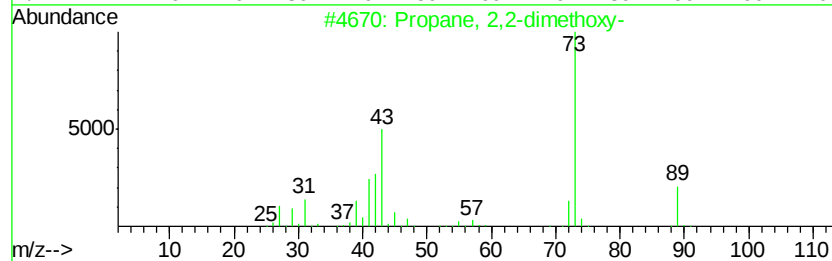
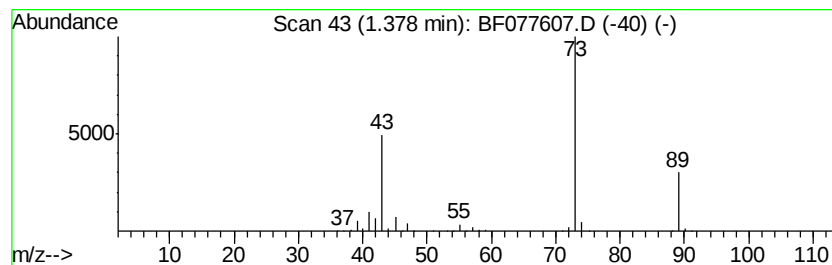
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.38	126.41 ng	2430060	1,4-Dichlorobenzene-d4	7.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	5
5		1,3,5-Trioxane	90	C3H6O3	000110-88-3	4



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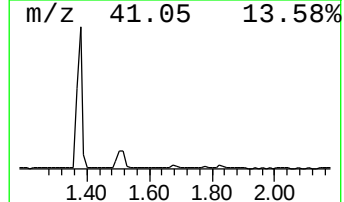
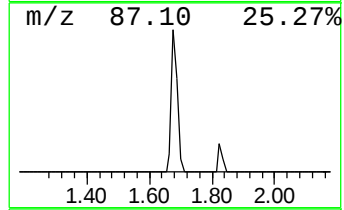
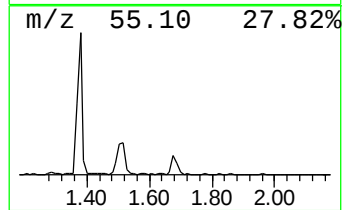
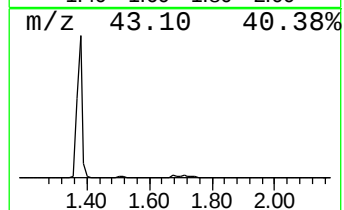
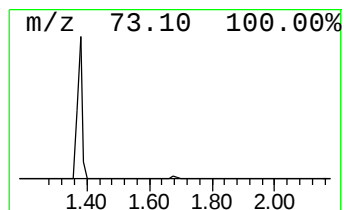
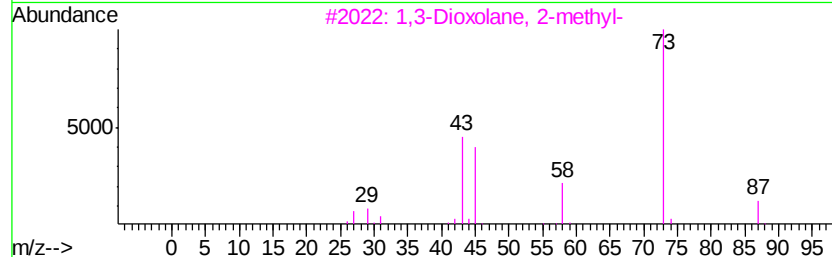
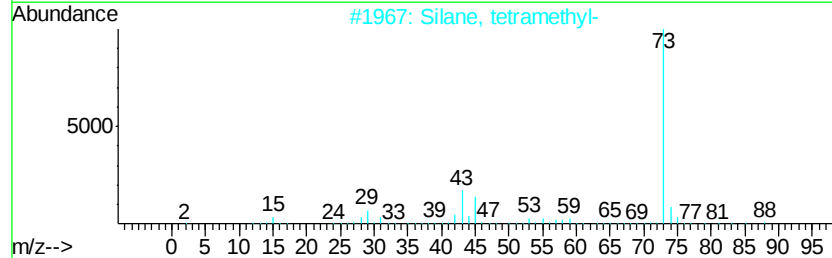
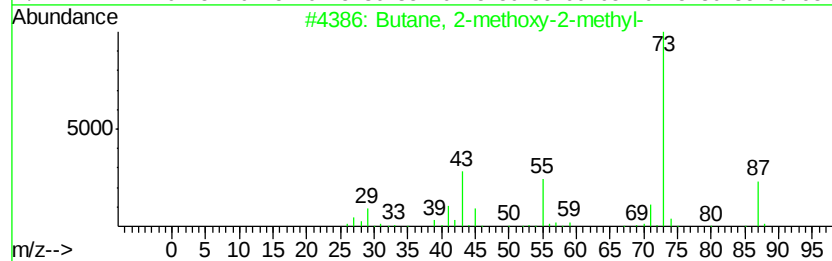
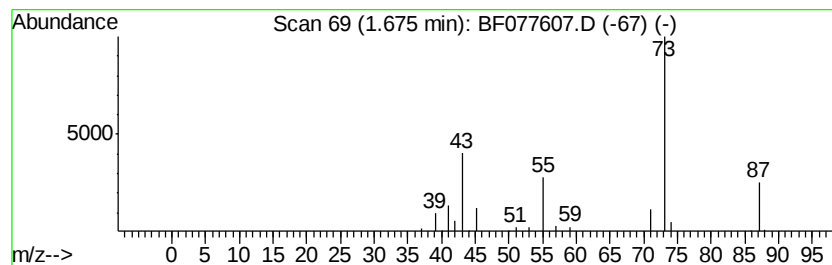
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.68	2.98 ng	57196	1,4-Dichlorobenzene-d4	7.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4			1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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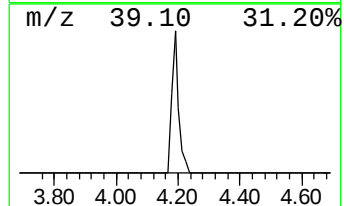
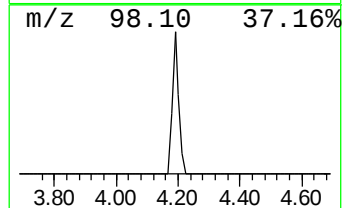
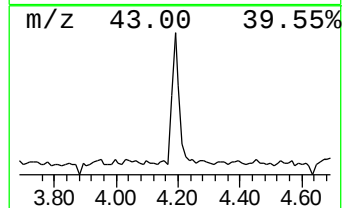
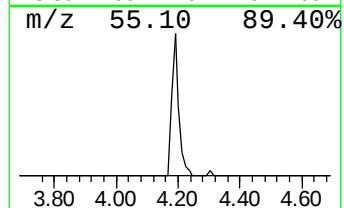
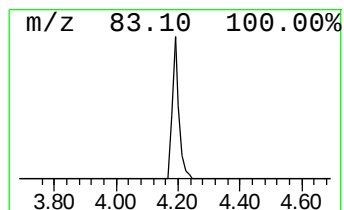
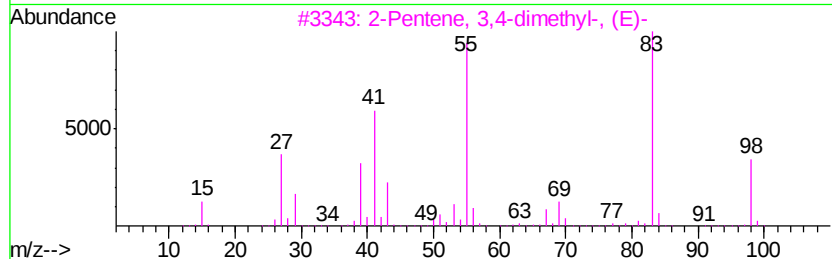
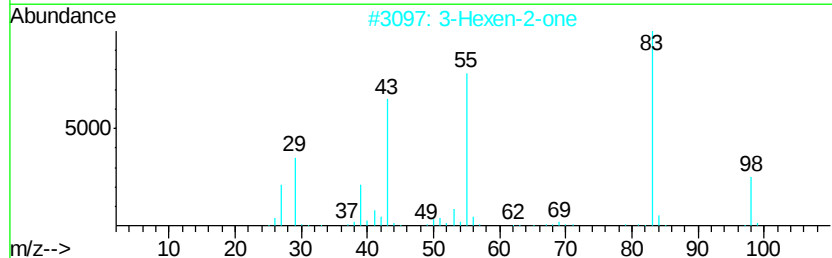
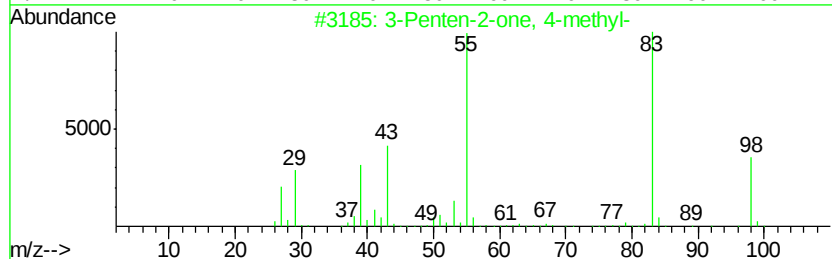
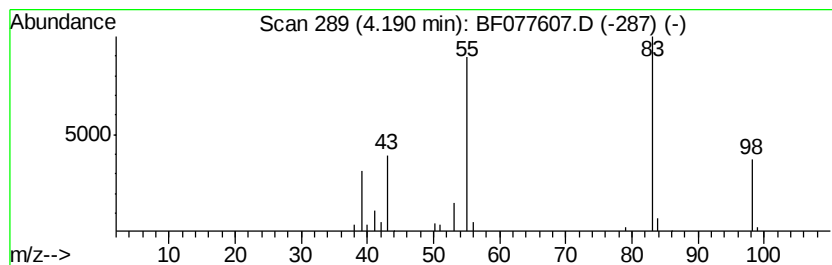
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Penten-2-one, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	3.40 ng	65337	1,4-Dichlorobenzene-d4	7.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	87
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
4		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72



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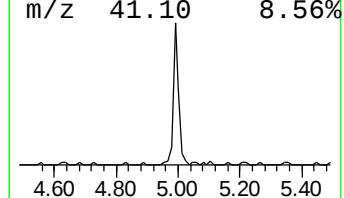
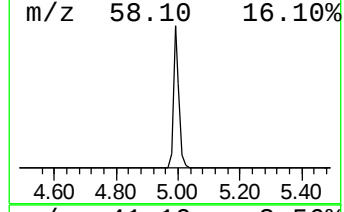
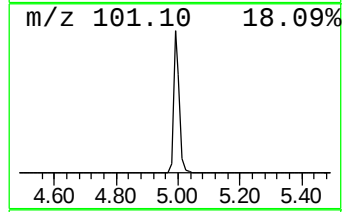
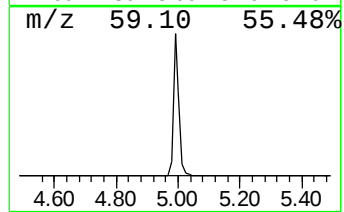
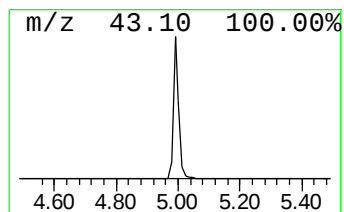
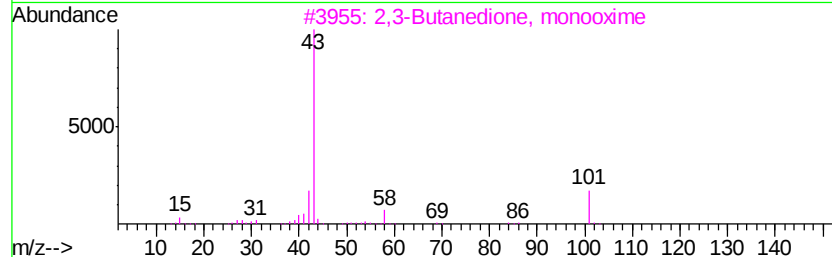
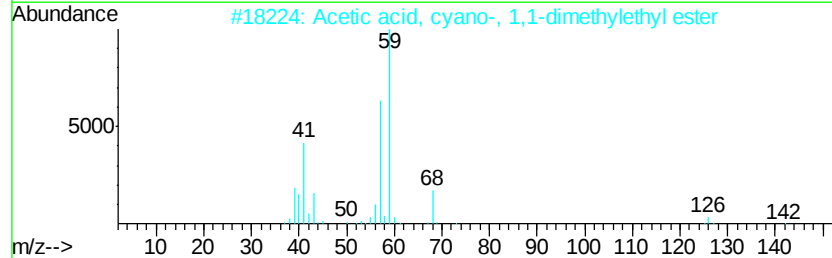
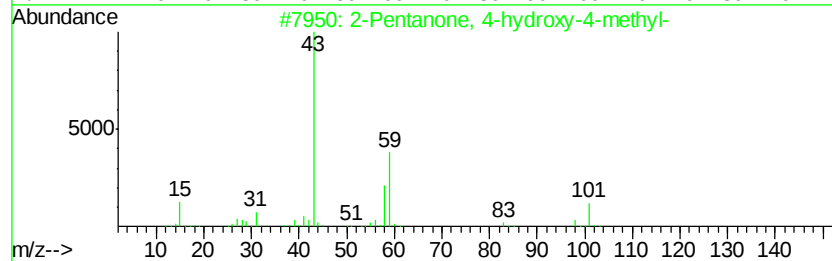
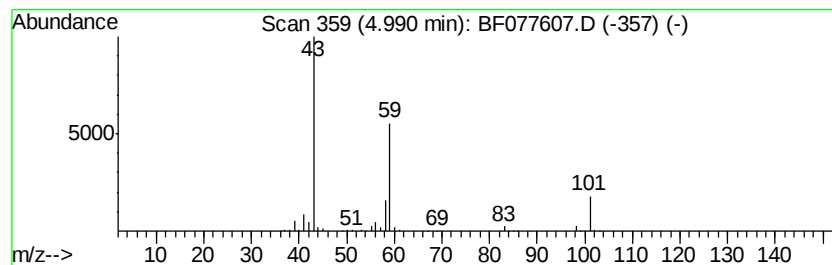
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	31.02 ng	596402	1,4-Dichlorobenzene-d4	7.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2		001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2		000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2		000108-22-5	10
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4		006118-50-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077607.D
Acq On : 5 Mar 2015 5:56
Operator : TP/IZ
Sample : G1424-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

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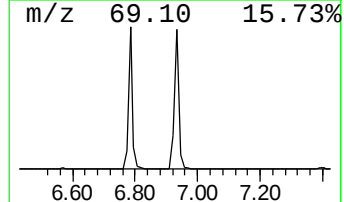
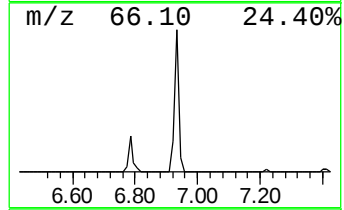
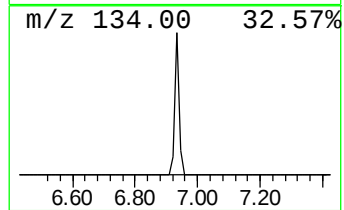
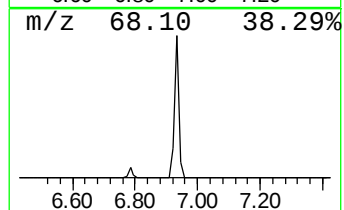
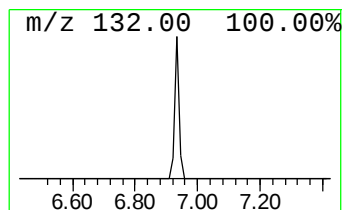
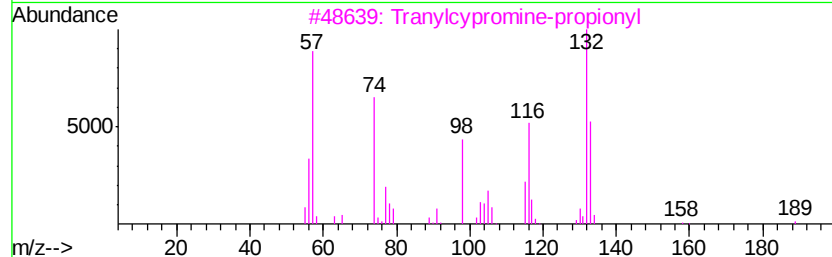
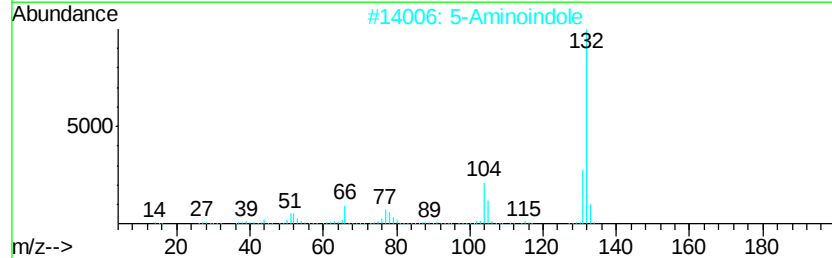
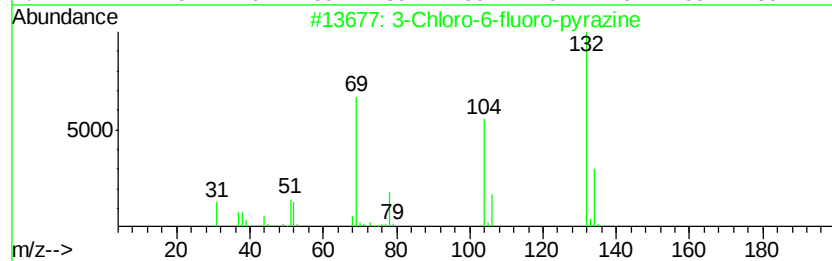
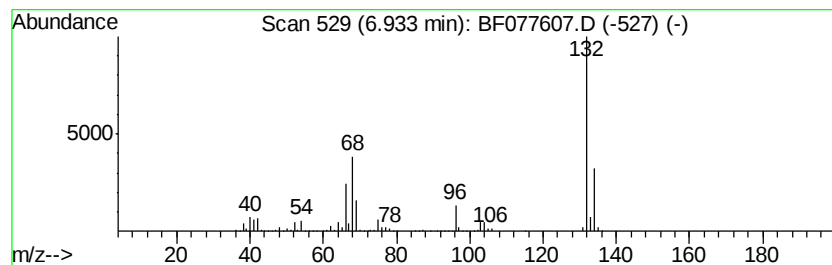
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown6.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	50.10 ng	963138	1,4-Dichlorobenzene-d4	7.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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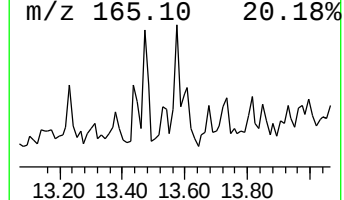
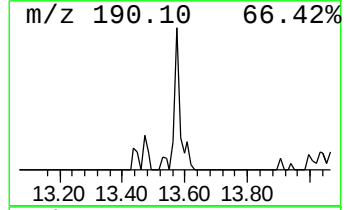
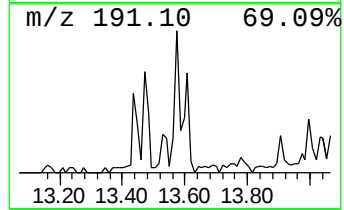
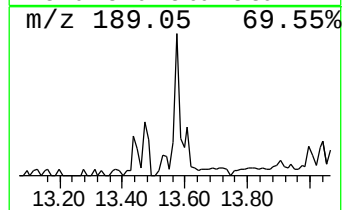
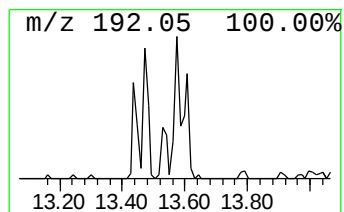
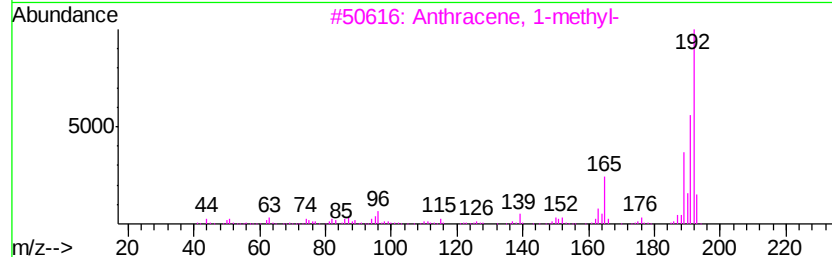
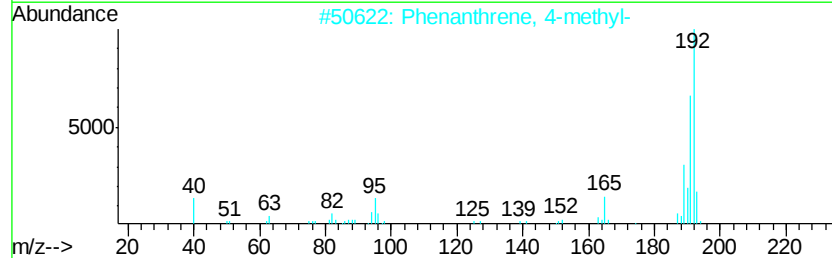
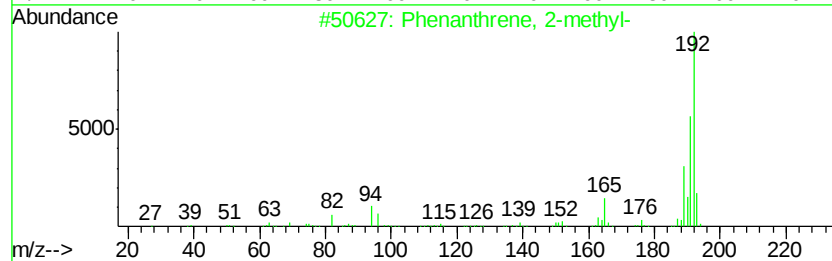
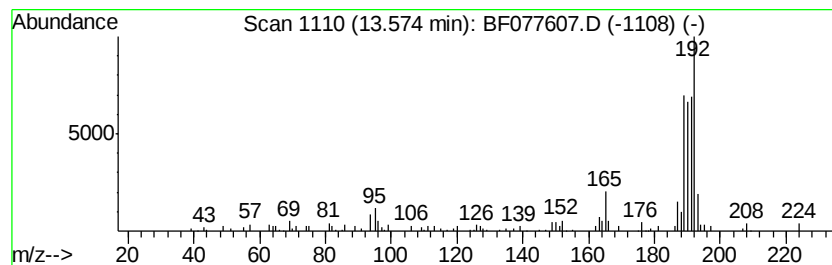
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.31 ng	90675	Phenanthrene-d10	12.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	66
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	60



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Misc :
ALS Vial : 26 Sample Multiplier: 1

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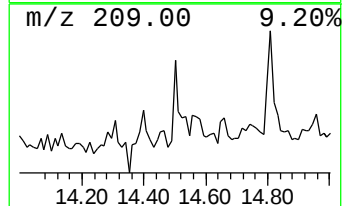
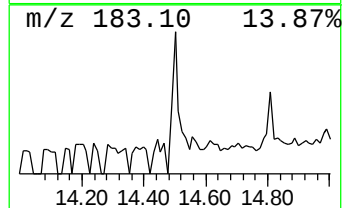
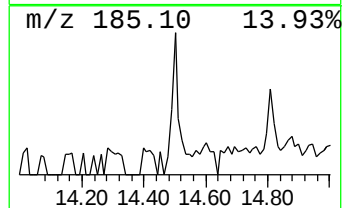
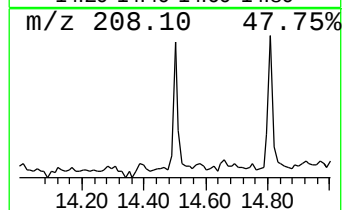
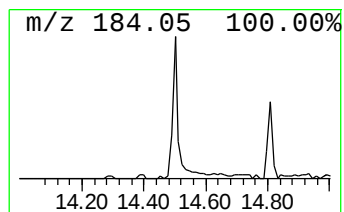
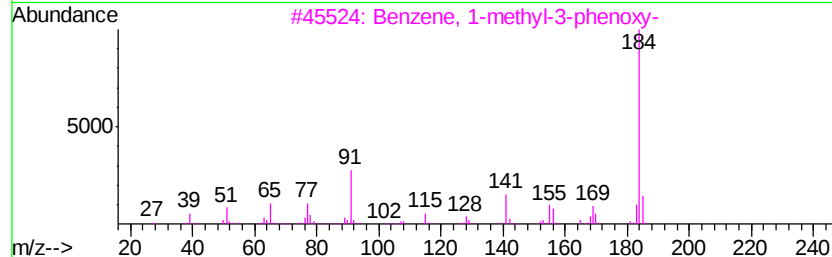
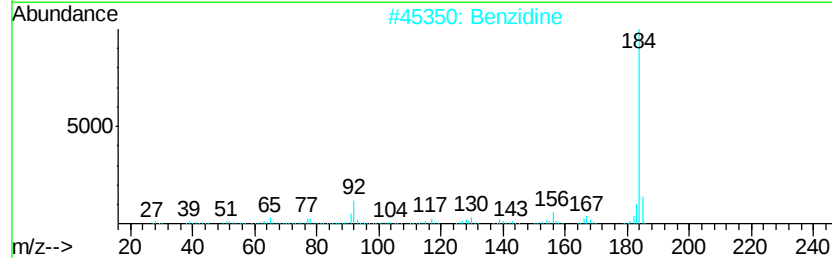
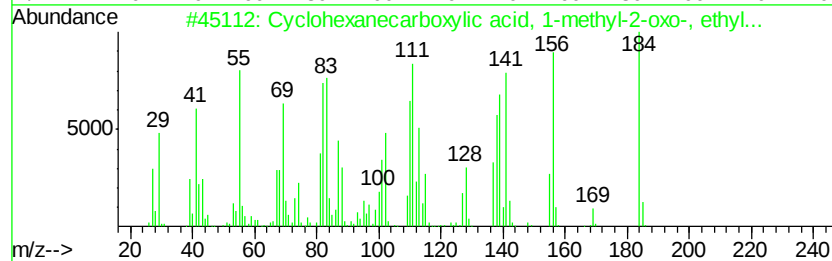
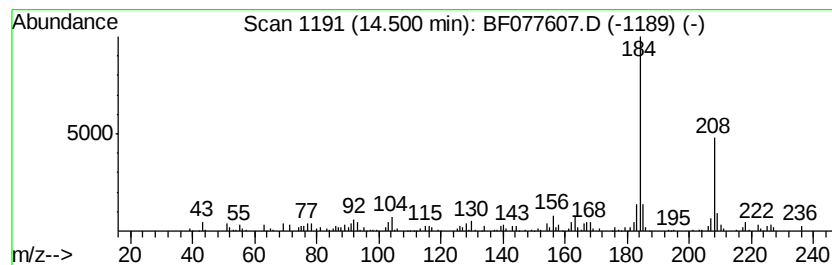
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclohexanecarboxylic acid,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.05 ng	108317	Chrysene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, 1-me...	184	C10H16O3	005453-94-1	95
2		Benzidine	184	C12H12N2	000092-87-5	92
3		Benzene, 1-methyl-3-phenoxy-	184	C13H12O	003586-14-9	53
4		1H-Benzimidazole, 2-(2-furanyl)-	184	C11H8N2O	003878-19-1	49
5		1,4-Benzenediamine, N-phenyl-	184	C12H12N2	000101-54-2	49



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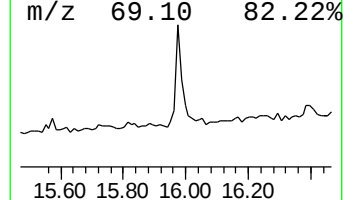
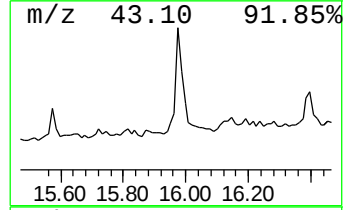
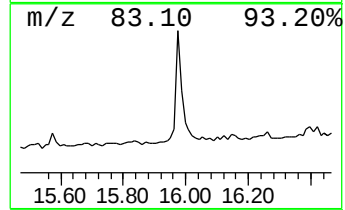
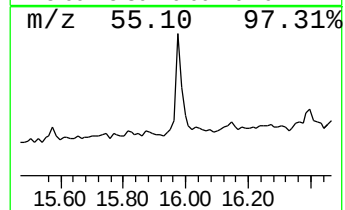
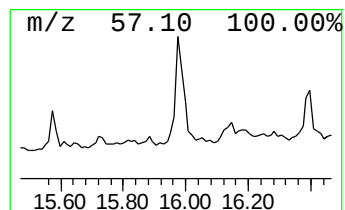
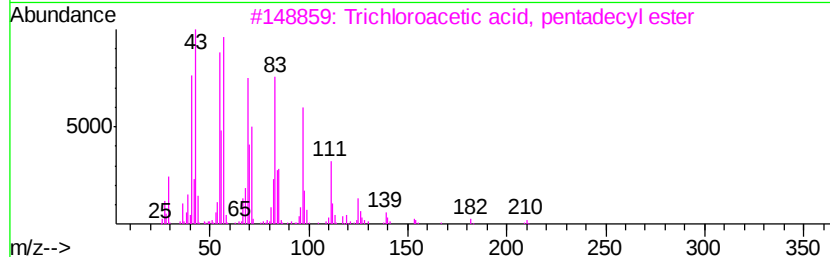
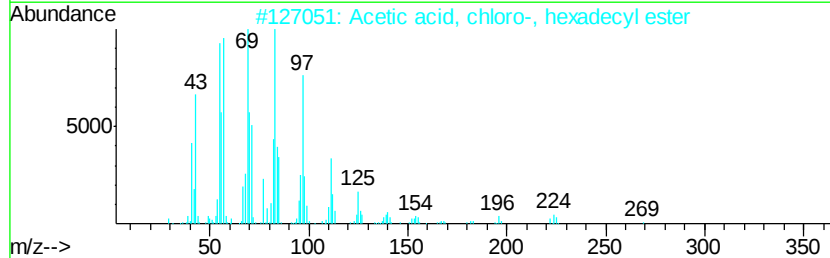
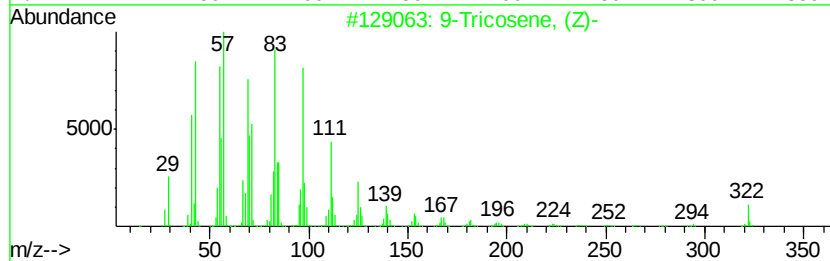
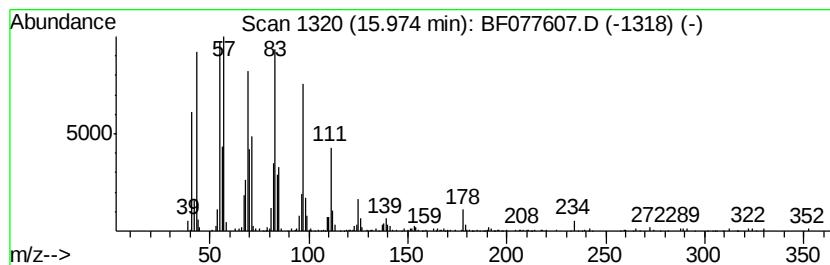
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 11 9-Tricosene, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	6.68 ng	352699	Chrysene-d12	16.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Tricosene, (Z)-	322 C23H46	027519-02-4	99
2	Acetic acid, chloro-, hexadecyl ...	318 C18H35ClO2	052132-58-8	94
3	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	94
4	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
5	Acetic acid, chloro-, octadecyl ...	346 C20H39ClO2	005348-82-3	91



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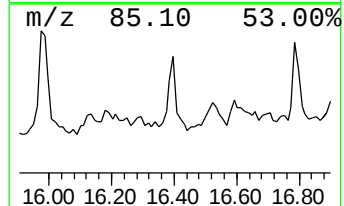
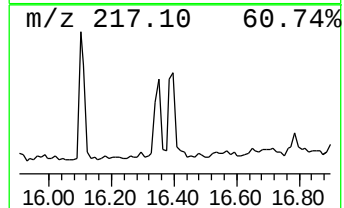
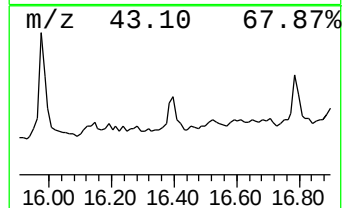
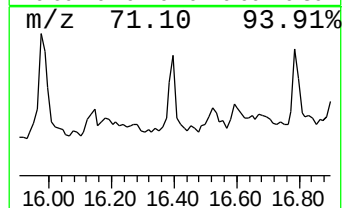
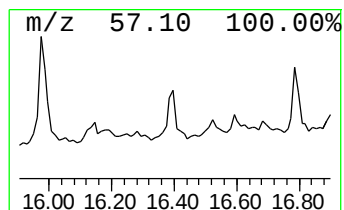
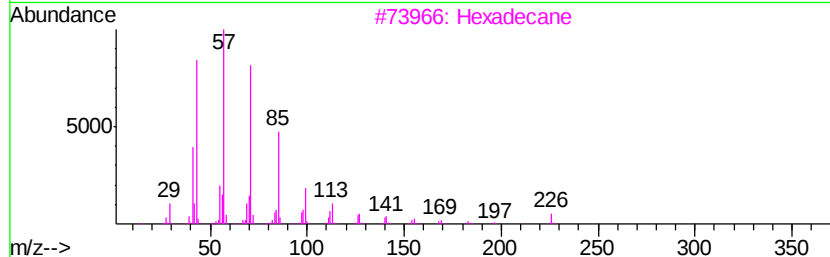
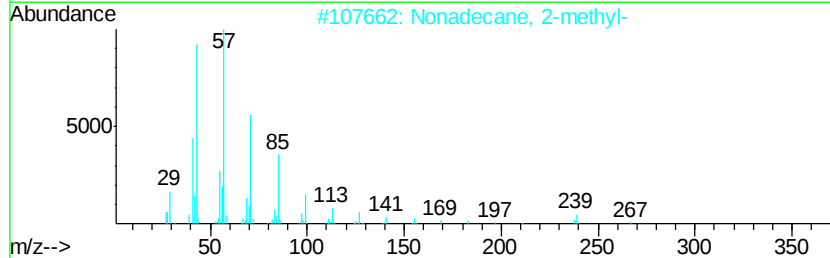
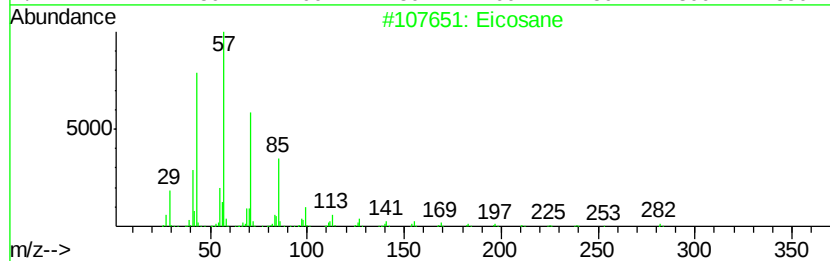
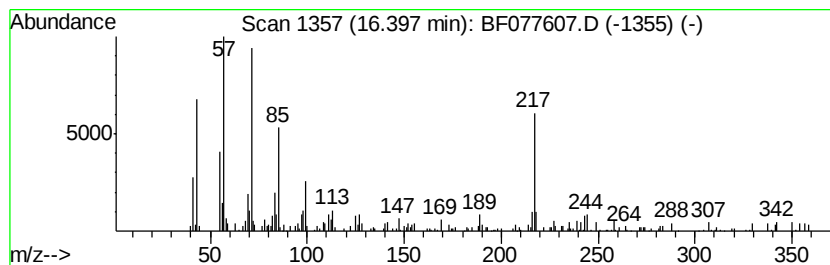
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.41 ng	180304	Chrysene-d12	16.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	60
2	Nonadecane, 2-methyl-	282 C20H42	001560-86-7	52
3	Hexadecane	226 C16H34	000544-76-3	52
4	Nonadecane	268 C19H40	000629-92-5	49
5	Heptadecane	240 C17H36	000629-78-7	49



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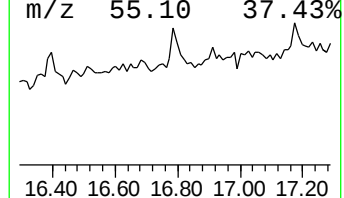
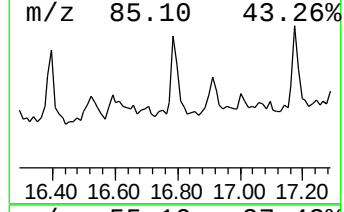
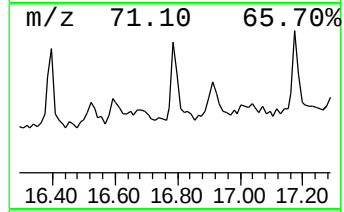
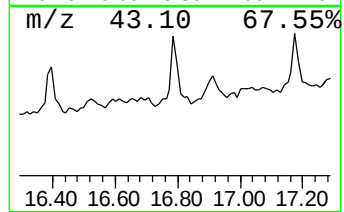
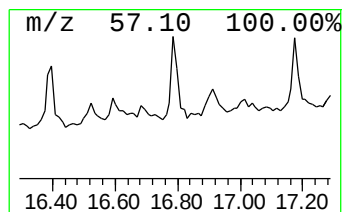
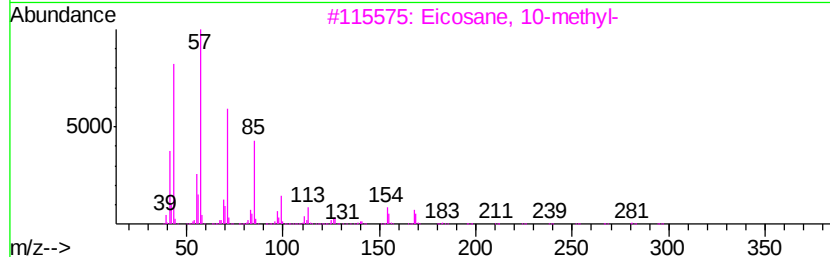
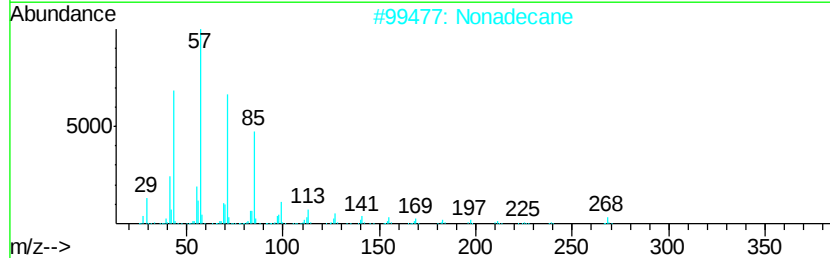
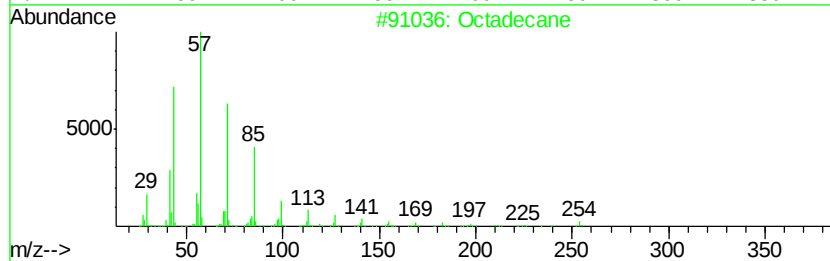
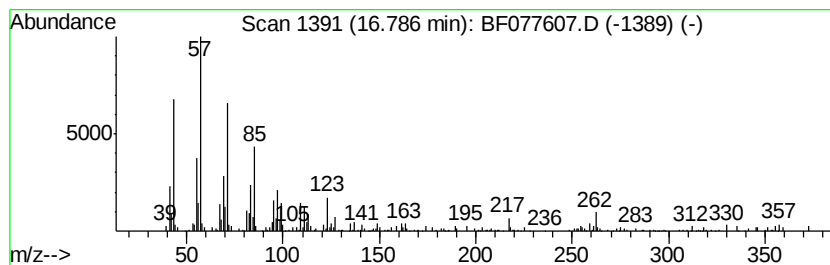
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.79	3.29 ng	173555	Chrysene-d12		16.10		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Nonadecane	268	C19H40	000629-92-5	89
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
4			Tritetracontane	605	C43H88	007098-21-7	58
5			E-15-Heptadecenal	252	C17H32O	1000130-97-9	56



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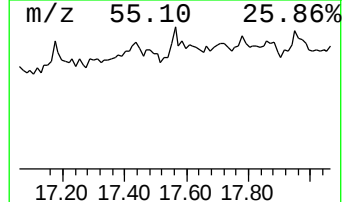
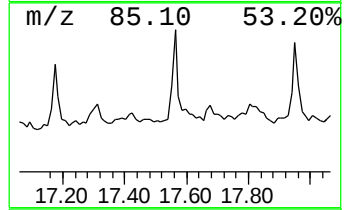
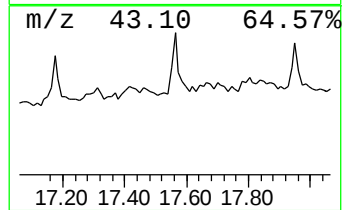
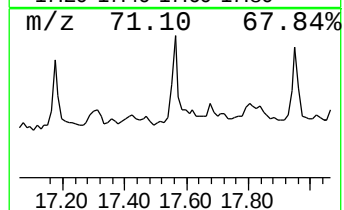
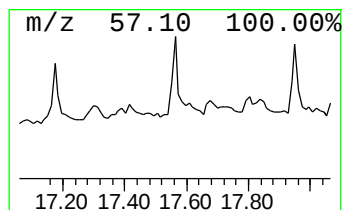
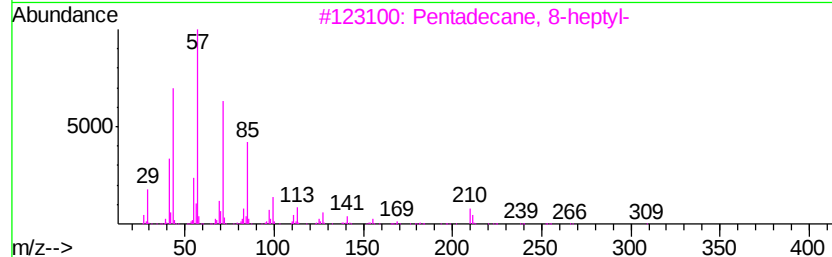
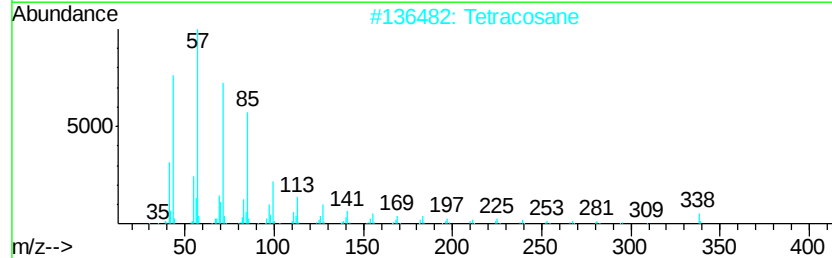
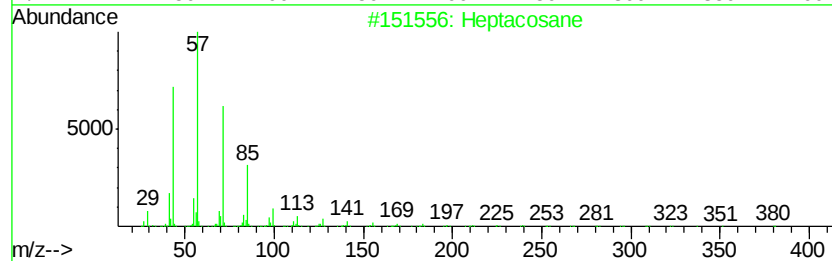
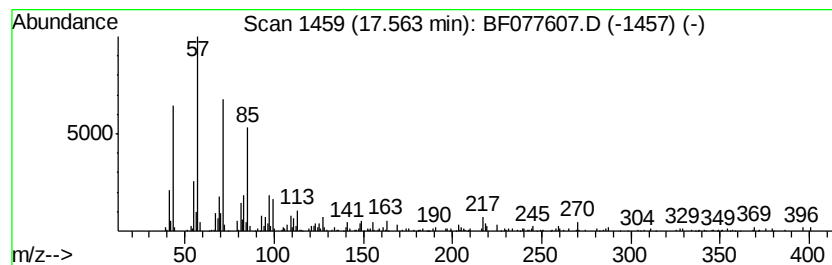
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	6.59 ng	232777	Perylene-d12	17.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	93
2	Tetracosane		338	C24H50	000646-31-1	90
3	Pentadecane, 8-heptvl-		310	C22H46	071005-15-7	87
4	Heptadecane		240	C17H36	000629-78-7	87
5	Docosane, 1,22-dibromo-		466	C22H44Br2	034540-49-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077607.D
Acq On : 5 Mar 2015 5:56
Operator : TP/IZ
Sample : G1424-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	1.38	126.4	ng	2430060	1	7.22	384474	20.0
Butane, 2-methoxy...	1.68	3.0	ng	57196	1	7.22	384474	20.0
3-Penten-2-one, 4...	4.19	3.4	ng	65337	1	7.22	384474	20.0
2-Pentanone, 4-hy...	4.99	31.0	ng	596402	1	7.22	384474	20.0
unknown6.93	6.93	50.1	ng	963138	1	7.22	384474	20.0
Phenanthrene, 2-m...	13.57	2.3	ng	90675	4	12.81	784896	20.0
Cyclohexanecarbox...	14.50	2.0	ng	108317	5	16.10	1056450	20.0
9-Tricosene, (Z)-	15.97	6.7	ng	352699	5	16.10	1056450	20.0
Eicosane	16.40	3.4	ng	180304	5	16.10	1056450	20.0
Octadecane	16.79	3.3	ng	173555	5	16.10	1056450	20.0
Heptacosane	17.56	6.6	ng	232777	6	17.82	706454	20.0