

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077526.D
 Acq On : 2 Mar 2015 17:02
 Operator : TP/IZ
 Sample : G1399-03 2X
 Misc : S
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB11

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	1.413	43	46	48	rBV	1976888	2495903	100.00%	12.283%
2	1.550	55	58	61	rVB	106091	134633	5.39%	0.663%
3	1.721	70	73	76	rVB	98822	142114	5.69%	0.699%
4	1.847	82	84	92	rVB	103786	146084	5.85%	0.719%
5	5.036	361	363	368	rVB	128328	148086	5.93%	0.729%
6	5.550	405	408	411	rVB	676259	713782	28.60%	3.513%
7	6.819	516	519	521	rBV	568143	726440	29.11%	3.575%
8	6.968	530	532	535	rBV	886166	796458	31.91%	3.919%
9	7.265	555	558	560	rBV	458652	628818	25.19%	3.094%
10	7.448	571	574	576	rVB	634024	622049	24.92%	3.061%
11	7.950	615	618	620	rBV	473569	468773	18.78%	2.307%
12	8.831	693	695	698	rBV	747359	873291	34.99%	4.298%
13	9.402	741	745	747	rBV2	18567	35363	1.42%	0.174%
14	9.608	760	763	765	rBV2	15347	30983	1.24%	0.152%
15	9.676	767	769	771	rVV2	14553	29999	1.20%	0.148%
16	10.065	801	803	804	rBV	24566	25321	1.01%	0.125%
17	10.179	811	813	816	rVB	1177561	1005490	40.29%	4.948%
18	10.271	816	821	822	rBV3	50228	77860	3.12%	0.383%
19	10.305	822	824	827	rVV2	23917	38159	1.53%	0.188%
20	10.396	830	832	835	rVB3	14924	33075	1.33%	0.163%
21	10.591	847	849	851	rBV	29534	27179	1.09%	0.134%
22	10.648	852	854	856	rVV	105171	104776	4.20%	0.516%
23	10.682	856	857	858	rVV	38616	34304	1.37%	0.169%
24	10.705	858	859	865	rVB3	36179	67698	2.71%	0.333%
25	10.831	868	870	873	rVV	72407	130704	5.24%	0.643%
26	10.877	873	874	875	rVV	36448	37774	1.51%	0.186%
27	10.899	875	876	878	rVB	93525	74639	2.99%	0.367%
28	11.014	883	886	888	rVV	756275	1060561	42.49%	5.219%
29	11.059	888	890	894	rVB3	26842	51441	2.06%	0.253%
30	11.425	919	922	924	rVV3	32348	65291	2.62%	0.321%
31	11.471	924	926	928	rVB2	27020	33013	1.32%	0.162%
32	11.517	928	930	932	rBV	61157	67701	2.71%	0.333%
33	11.585	933	936	938	rVV4	35207	81898	3.28%	0.403%
34	11.654	940	942	943	rVV	25187	27163	1.09%	0.134%

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35	11.688	943	945	951	rVB4	19454	49158	1.97%	0.242%
36	11.871	958	961	962	rVV	24848	32213	1.29%	0.159%
37	11.905	962	964	968	rVB	49145	55710	2.23%	0.274%
38	11.985	968	971	974	rBV	599151	592819	23.75%	2.917%
39	12.202	987	990	992	rVB	54752	98026	3.93%	0.482%
40	12.740	1036	1037	1039	rVB	28003	28317	1.13%	0.139%
41	12.774	1039	1040	1044	rVB	40534	53775	2.15%	0.265%
42	12.854	1044	1047	1048	rBV	979683	1080945	43.31%	5.319%
43	12.877	1048	1049	1051	rVV	175519	154357	6.18%	0.760%
44	12.945	1053	1055	1056	rVB	51600	49969	2.00%	0.246%
45	13.277	1082	1084	1086	rVB2	32589	37443	1.50%	0.184%
46	13.482	1100	1102	1103	rBV	34786	42263	1.69%	0.208%
47	13.517	1103	1105	1107	rVV	45533	65925	2.64%	0.324%
48	13.574	1108	1110	1111	rVV2	26162	35117	1.41%	0.173%
49	13.608	1111	1113	1119	rVB3	54304	132220	5.30%	0.651%
50	13.860	1133	1135	1139	rBV2	25318	64658	2.59%	0.318%
51	14.168	1160	1162	1164	rBV2	27183	39748	1.59%	0.196%
52	14.271	1169	1171	1173	rVB3	37936	60114	2.41%	0.296%
53	14.351	1176	1178	1180	rBV	260622	346341	13.88%	1.704%
54	14.477	1187	1189	1192	rBV	36662	37627	1.51%	0.185%
55	14.637	1200	1203	1205	rBV	380791	423347	16.96%	2.083%
56	14.797	1215	1217	1219	rBV	26280	32209	1.29%	0.159%
57	14.843	1219	1221	1224	rVV	1062991	1173704	47.03%	5.776%
58	14.923	1224	1228	1230	rVB2	29107	62535	2.51%	0.308%
59	15.140	1245	1247	1249	rBV	35390	43954	1.76%	0.216%
60	15.186	1249	1251	1253	rVV	52618	67083	2.69%	0.330%
61	15.334	1262	1264	1266	rBV	38697	55500	2.22%	0.273%
62	15.688	1293	1295	1296	rBV	52857	81035	3.25%	0.399%
63	16.020	1322	1324	1328	rBV2	132698	282752	11.33%	1.391%
64	16.146	1332	1335	1337	rBV2	1152976	1623335	65.04%	7.989%
65	17.471	1449	1451	1456	rBV	229037	541908	21.71%	2.667%
66	17.803	1478	1480	1483	rVB	175429	222912	8.93%	1.097%
67	17.871	1483	1486	1487	rBV	231094	403845	16.18%	1.987%
68	17.929	1489	1491	1494	rVV	775715	1213024	48.60%	5.969%

Sum of corrected areas: 20320711

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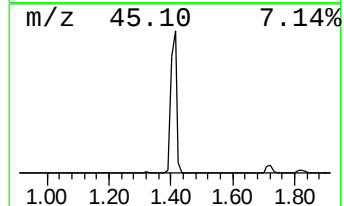
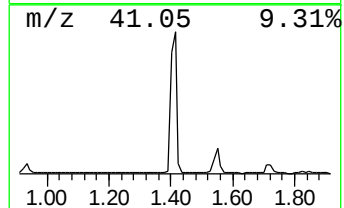
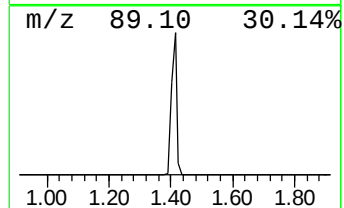
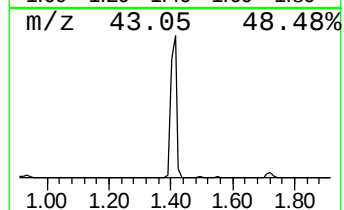
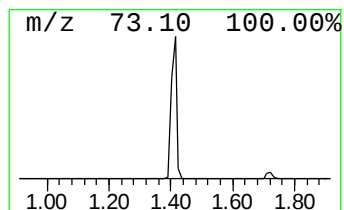
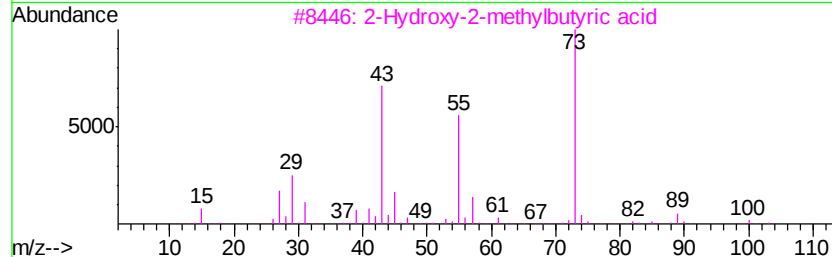
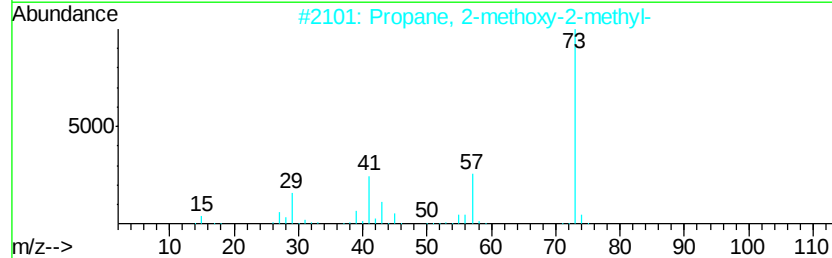
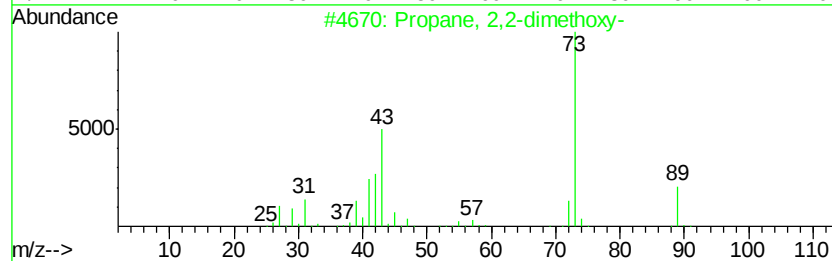
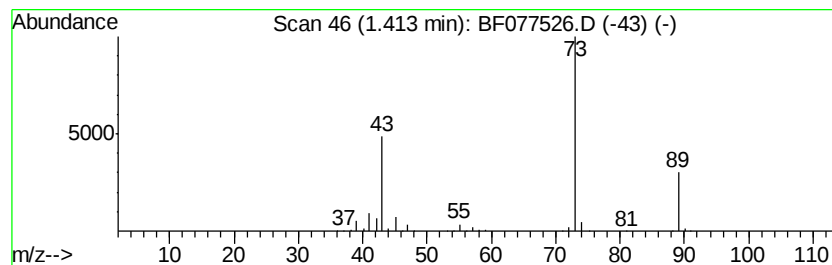
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.41	79.38 ng	2495900	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	7



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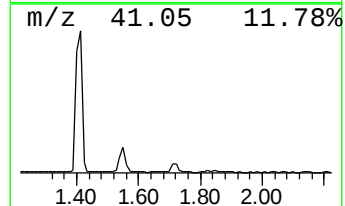
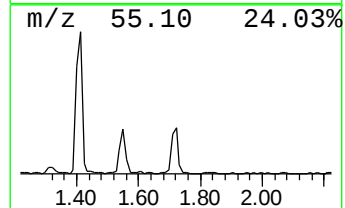
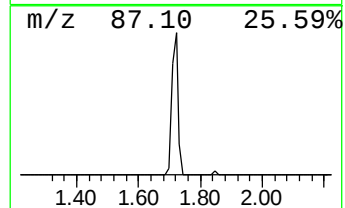
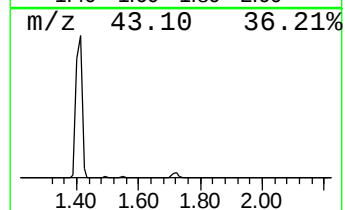
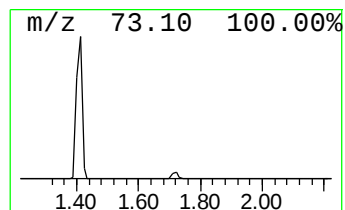
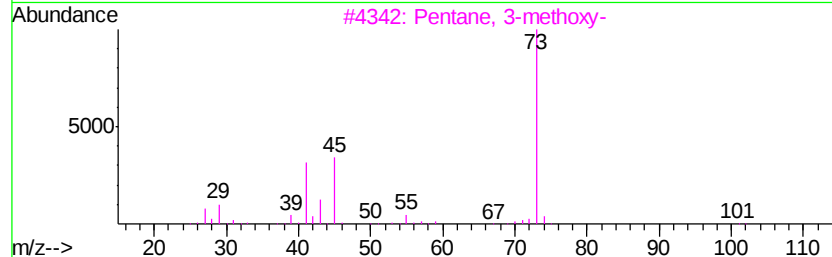
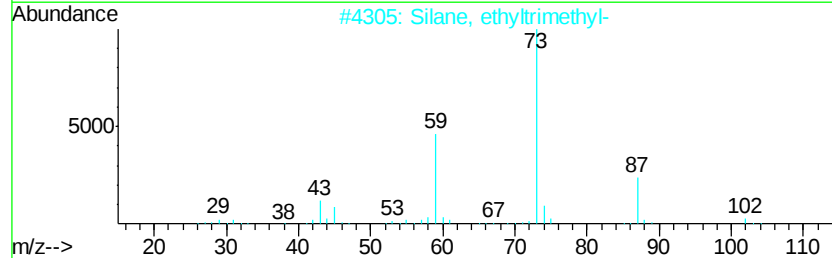
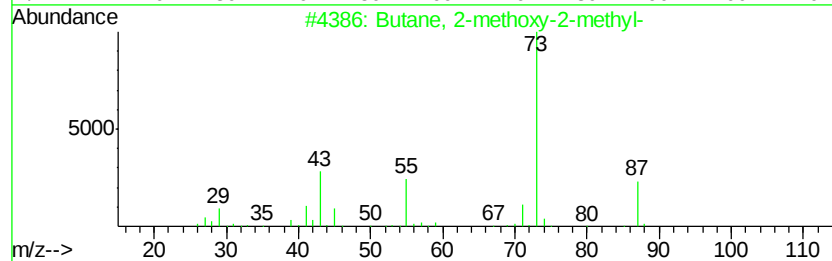
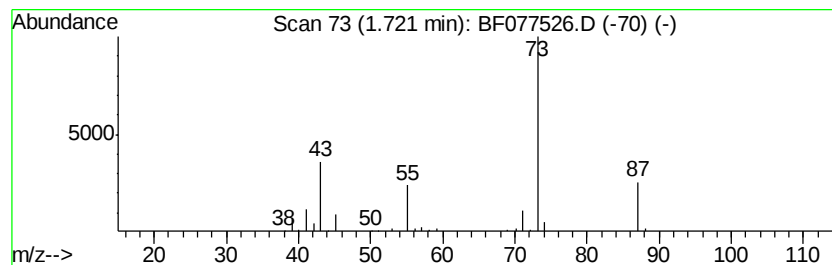
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.72	4.52 ng	142114	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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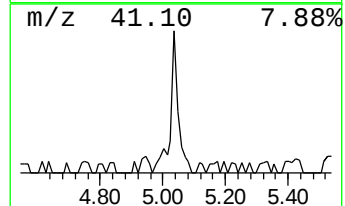
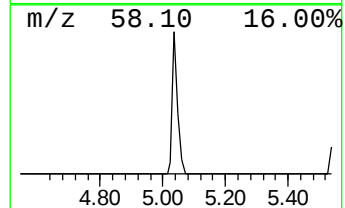
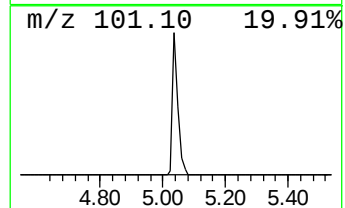
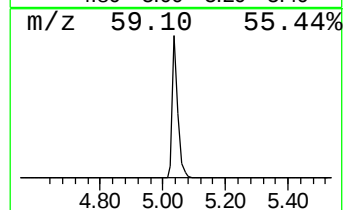
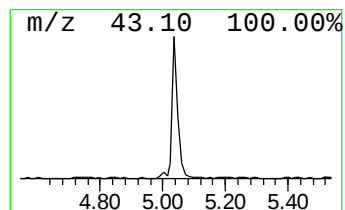
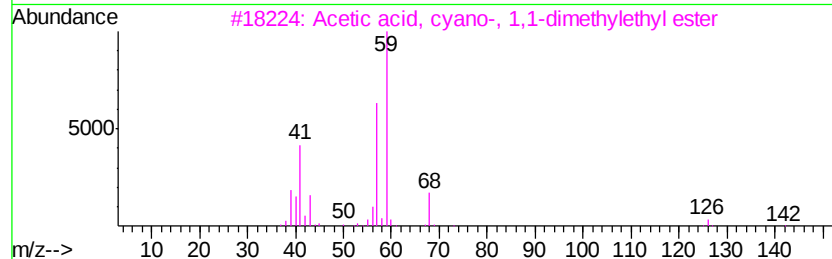
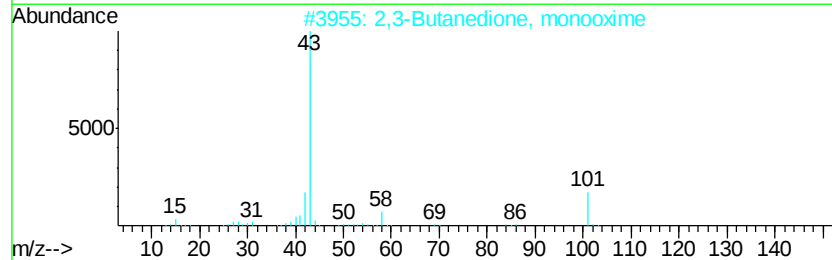
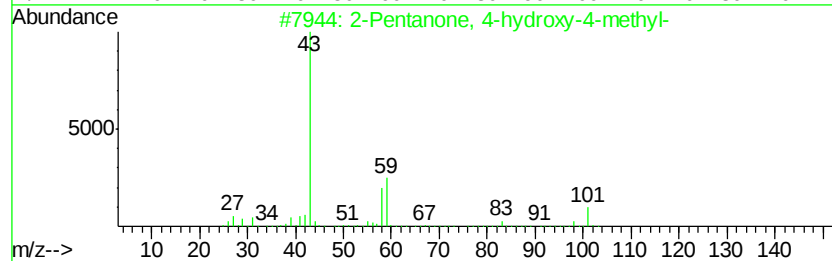
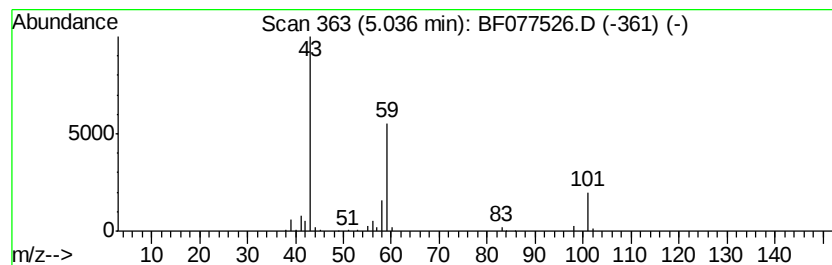
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Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	4.71 ng	148086	1,4-Dichlorobenzene-d4	7.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72	
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35	
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17	
4	Acetone	58	C3H6O	000067-64-1	10	
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



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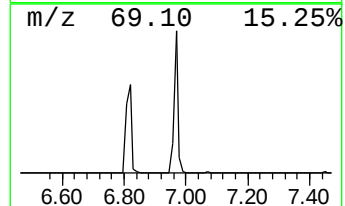
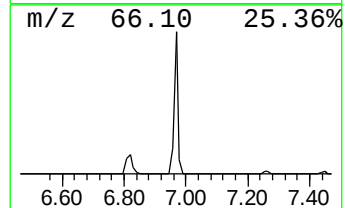
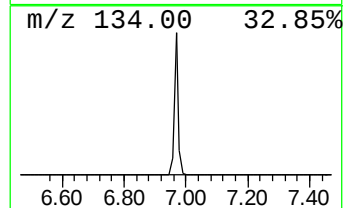
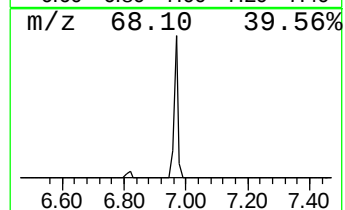
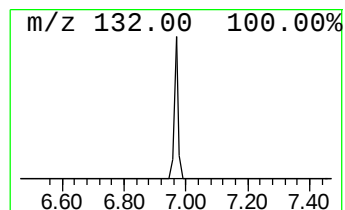
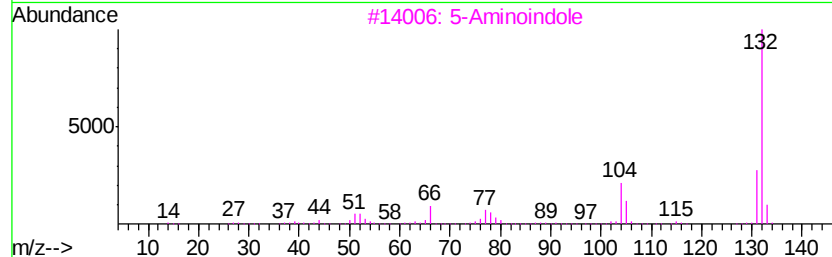
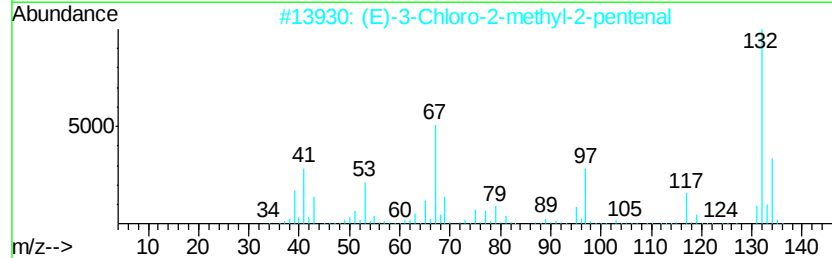
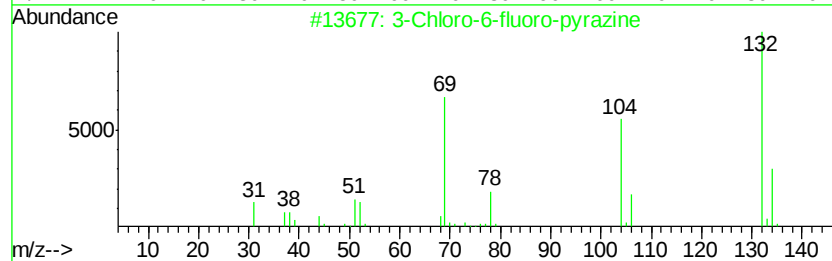
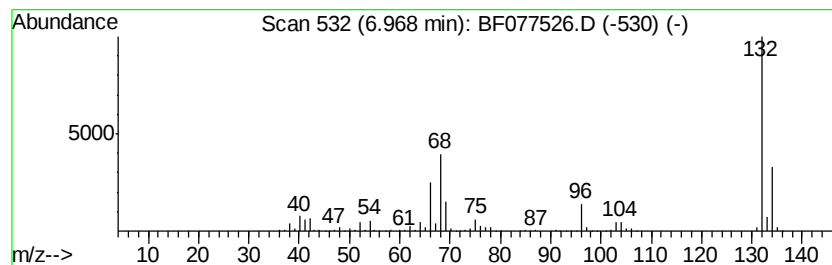
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.97 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	25.33 ng	796458	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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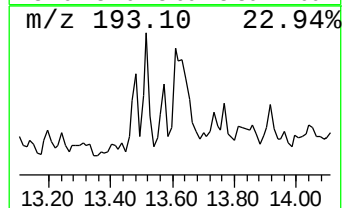
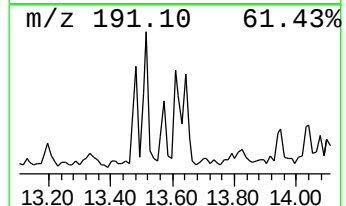
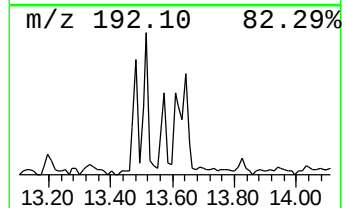
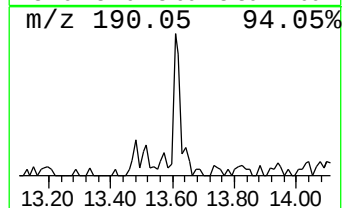
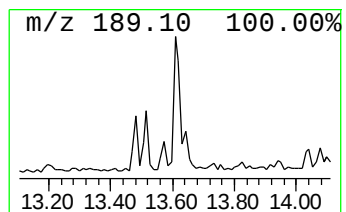
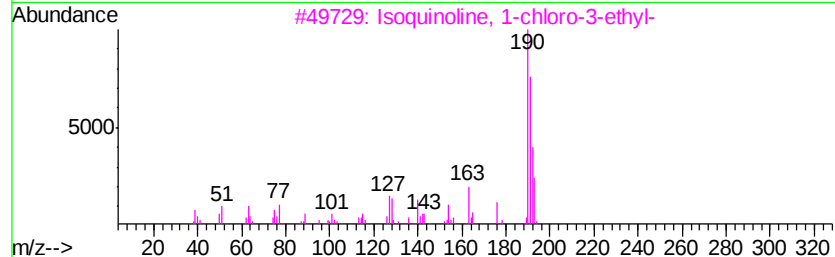
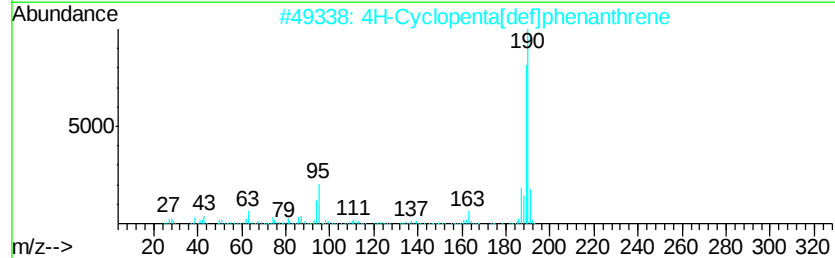
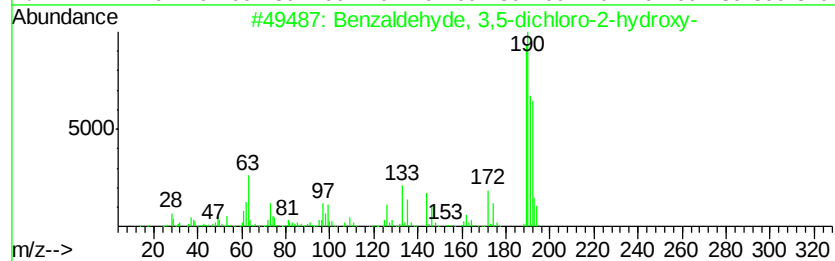
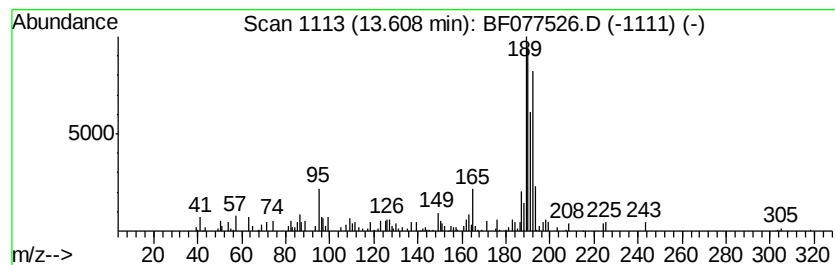
Instrument :
BNA_F
ClientSampleId :
SB11

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 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.61	2.45 ng	132220	Phenanthrene-d10	12.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehydve, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	59
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077526.D
Acq On : 2 Mar 2015 17:02
Operator : TP/IZ
Sample : G1399-03 2X
Misc : S
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB11

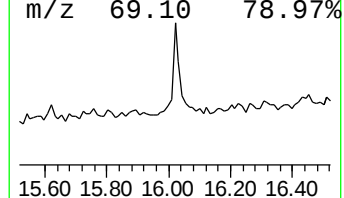
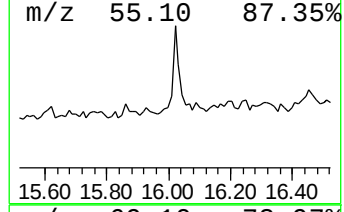
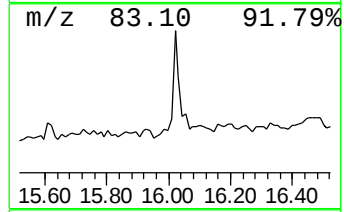
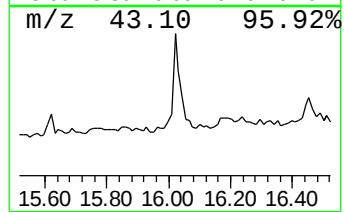
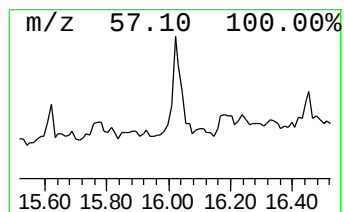
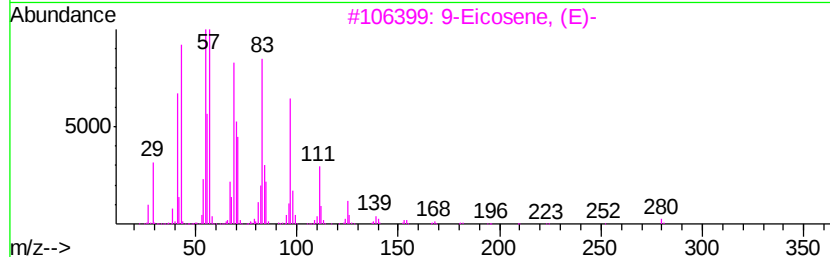
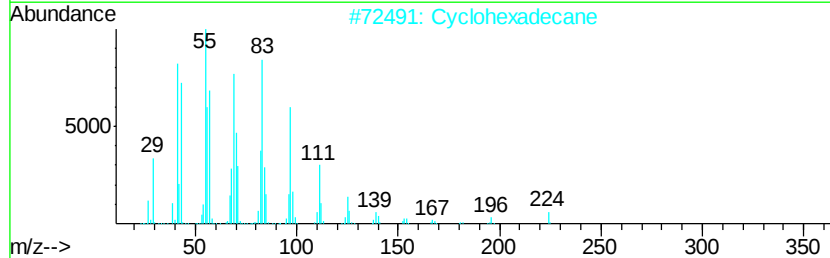
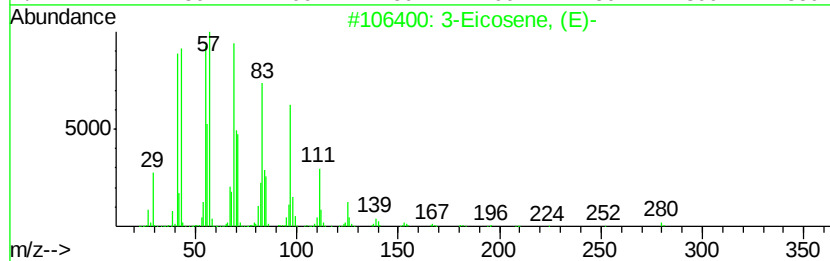
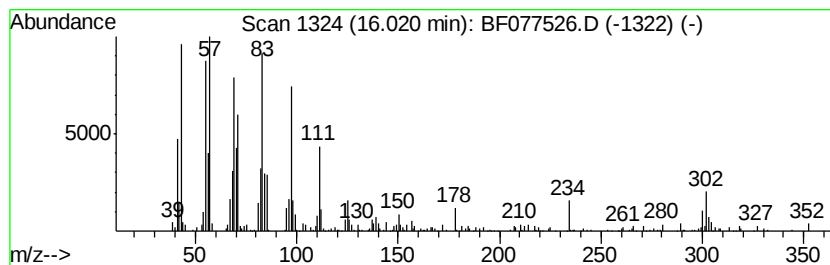
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 3-Eicosene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	3.48 ng	282752	Chrysene-d12	16.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2		Cyclohexadecane	224	C16H32	000295-65-8	93
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4		1-Nonadecene	266	C19H38	018435-45-5	90
5		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077526.D
Acq On : 2 Mar 2015 17:02
Operator : TP/IZ
Sample : G1399-03 2X
Misc : S
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB11

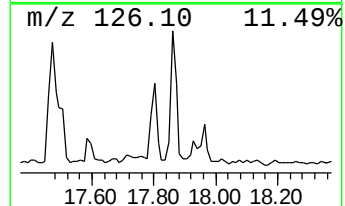
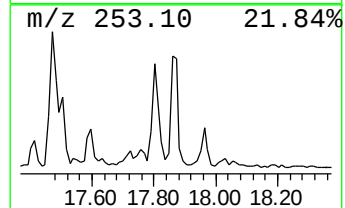
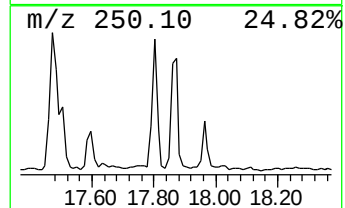
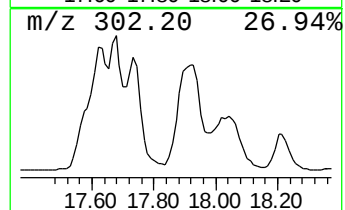
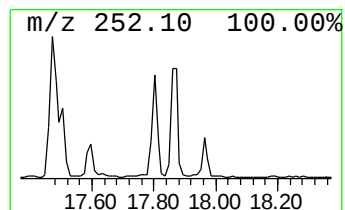
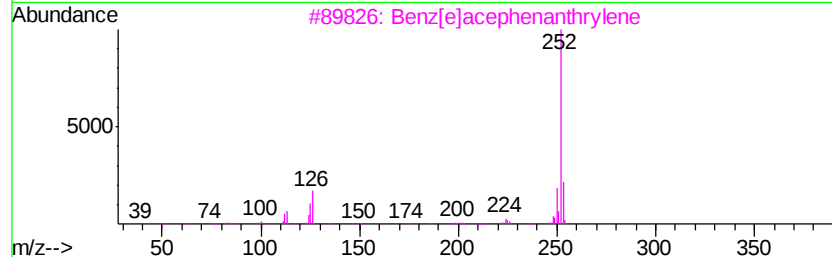
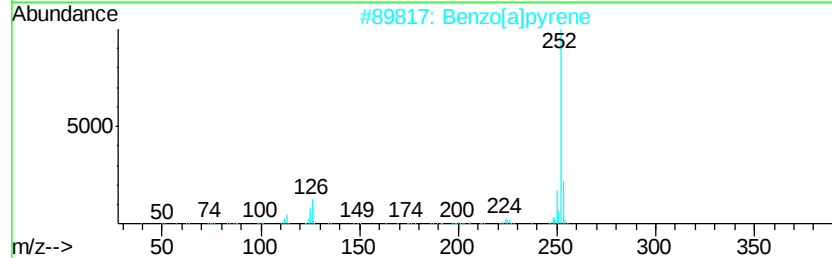
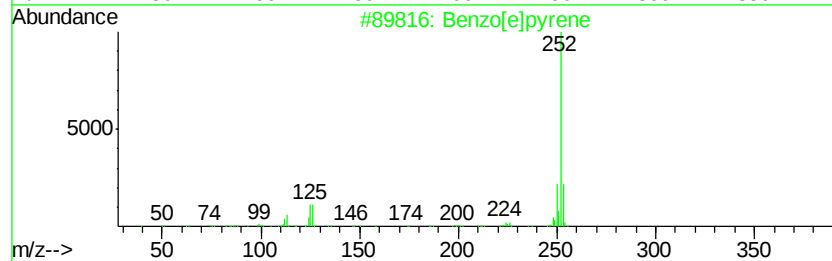
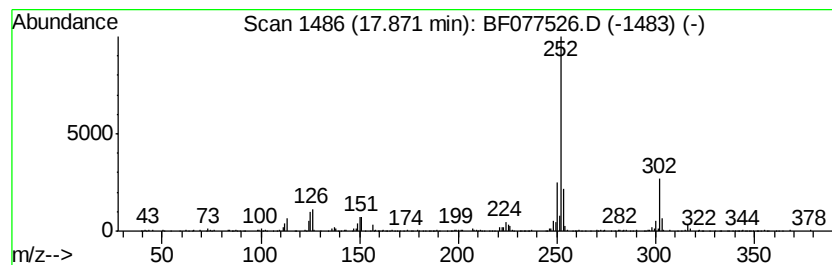
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.66 ng	403845	Perylene-d12	17.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	97
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4			Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5			Perylene	252	C20H12	000198-55-0	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077526.D
Acq On : 2 Mar 2015 17:02
Operator : TP/IZ
Sample : G1399-03 2X
Misc : S
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB11

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
unknown1.41	1.41	79.4	ng	2495900	1	7.26	628818	20.0
Butane, 2-methoxy...	1.72	4.5	ng	142114	1	7.26	628818	20.0
2-Pentanone, 4-hy...	5.04	4.7	ng	148086	1	7.26	628818	20.0
unknown6.97	6.97	25.3	ng	796458	1	7.26	628818	20.0
Benzaldehyde, 3,5...	13.61	2.5	ng	132220	4	12.85	1080950	20.0
3-Eicosene, (E)-	16.02	3.5	ng	282752	5	16.15	1623340	20.0
Benzo[e]pyrene	17.87	6.7	ng	403845	6	17.94	1213020	20.0