

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077331.D
 Acq On : 17 Feb 2015 23:49
 Operator : TP/IZ
 Sample : G1299-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

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-BF021715.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	1.013	9	11	33	rVB4	56114	171196	3.65%	0.245%
2	1.550	55	58	61	rBV	4030908	4415184	94.13%	6.314%
3	1.687	66	70	73	rVB	121819	214354	4.57%	0.307%
4	5.184	373	376	380	rBV	277136	382032	8.14%	0.546%
5	5.665	416	418	421	rVB	943170	1015783	21.66%	1.453%
6	6.922	525	528	530	rVB	1003293	1146588	24.44%	1.640%
7	7.082	539	542	545	rVB	1255324	1147640	24.47%	1.641%
8	7.379	565	568	570	rBV	361831	350856	7.48%	0.502%
9	7.562	582	584	586	rBV	1034314	912894	19.46%	1.306%
10	8.065	622	628	630	rBV	784437	707528	15.08%	1.012%
11	8.956	703	706	707	rBV	620318	668448	14.25%	0.956%
12	8.979	707	708	711	rVV	1552621	1403840	29.93%	2.008%
13	9.836	781	783	785	rVB	448242	545524	11.63%	0.780%
14	9.962	791	794	797	rBV	429037	429834	9.16%	0.615%
15	10.305	821	824	826	rVB	1203840	1394168	29.72%	1.994%
16	10.419	832	834	837	rBV	278922	346829	7.39%	0.496%
17	10.534	841	844	849	rVB	118009	179557	3.83%	0.257%
18	10.614	849	851	854	rBV	132169	218857	4.67%	0.313%
19	10.716	856	860	861	rBV	219938	292782	6.24%	0.419%
20	10.739	861	862	866	rVV	125102	196802	4.20%	0.281%
21	10.808	866	868	871	rVV2	84182	191141	4.08%	0.273%
22	10.854	871	872	877	rVB2	145957	205491	4.38%	0.294%
23	10.956	877	881	883	rBV2	164813	174947	3.73%	0.250%
24	11.082	890	892	894	rBV	189132	216594	4.62%	0.310%
25	11.128	894	896	898	rVV2	573626	692931	14.77%	0.991%
26	11.174	898	900	902	rVV	952480	891537	19.01%	1.275%
27	11.391	916	919	921	rVV	574557	682704	14.56%	0.976%
28	11.711	945	947	949	rVV	256691	234993	5.01%	0.336%
29	11.814	954	956	958	rVV	734475	672944	14.35%	0.962%
30	11.894	958	963	964	rVV2	110090	232488	4.96%	0.332%
31	11.985	967	971	972	rVV3	146463	250718	5.35%	0.359%
32	12.031	972	975	978	rVV2	181423	369131	7.87%	0.528%
33	12.111	978	982	985	rVV	939797	1086904	23.17%	1.554%
34	12.305	997	999	1002	rVB	216548	271690	5.79%	0.389%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.499	1012	1016	1018	rBV3	118161	230890	4.92%	0.330%
36	12.739	1034	1037	1040	rVB	278461	337147	7.19%	0.482%
37	12.808	1040	1043	1045	rBV2	136425	213774	4.56%	0.306%
38	12.854	1045	1047	1050	rVV2	280701	474564	10.12%	0.679%
39	12.980	1055	1058	1059	rBV	560517	620227	13.22%	0.887%
40	13.014	1059	1061	1063	rVV	4383270	4690496	100.00%	6.708%
41	13.071	1063	1066	1068	rVV	1052862	1178989	25.14%	1.686%
42	13.277	1079	1084	1086	rBV2	459576	592813	12.64%	0.848%
43	13.402	1093	1095	1097	rBV3	201697	244837	5.22%	0.350%
44	13.608	1110	1113	1115	rBV	549857	638814	13.62%	0.914%
45	13.642	1115	1116	1119	rVB	688780	625922	13.34%	0.895%
46	13.700	1119	1121	1123	rBV	290681	319407	6.81%	0.457%
47	13.745	1123	1125	1127	rBV	729649	989914	21.10%	1.416%
48	13.780	1127	1128	1130	rVB	265165	186427	3.97%	0.267%
49	13.985	1144	1146	1150	rVB2	399132	607205	12.95%	0.868%
50	14.168	1158	1162	1164	rBV	139704	200679	4.28%	0.287%
51	14.294	1169	1173	1175	rBV	244294	362609	7.73%	0.519%
52	14.340	1175	1177	1179	rVV	142029	212000	4.52%	0.303%
53	14.397	1179	1182	1186	rVB3	329727	780760	16.65%	1.117%
54	14.500	1188	1191	1193	rBV	3435153	4150010	88.48%	5.935%
55	14.671	1203	1206	1212	rBV2	173315	359586	7.67%	0.514%
56	14.774	1212	1215	1217	rVV	2816673	4041386	86.16%	5.780%
57	14.934	1226	1229	1230	rBV	152375	203828	4.35%	0.292%
58	14.980	1230	1233	1235	rBV	1501494	1673338	35.68%	2.393%
59	15.048	1236	1239	1241	rBV2	181832	373323	7.96%	0.534%
60	15.163	1244	1249	1250	rBV4	164684	347309	7.40%	0.497%
61	15.185	1250	1251	1253	rVB	336959	336918	7.18%	0.482%
62	15.277	1257	1259	1260	rVV	198960	214481	4.57%	0.307%
63	15.311	1260	1262	1264	rVV	381379	483015	10.30%	0.691%
64	15.425	1270	1272	1274	rVV	170352	186203	3.97%	0.266%
65	15.471	1274	1276	1278	rVV	177197	213256	4.55%	0.305%
66	15.563	1282	1284	1291	rBV5	59519	164849	3.51%	0.236%
67	15.700	1291	1296	1297	rBV4	84926	193275	4.12%	0.276%
68	15.734	1297	1299	1303	rVV4	80792	185546	3.96%	0.265%
69	15.814	1304	1306	1310	rVB	250197	342242	7.30%	0.489%
70	15.951	1315	1318	1321	rBV2	221217	435439	9.28%	0.623%
71	15.997	1321	1322	1325	rBV2	213495	314028	6.69%	0.449%

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72	16.077	1328	1329	1332	rVB	220803	268176	5.72%	0.384%
73	16.146	1332	1335	1341	rBV4	181705	461212	9.83%	0.660%
74	16.271	1341	1346	1348	rBV2	1525671	2882715	61.46%	4.123%
75	16.306	1348	1349	1351	rVB	1127753	1148209	24.48%	1.642%
76	16.408	1354	1358	1359	rBV2	217623	346958	7.40%	0.496%
77	16.523	1359	1368	1370	rBV6	228758	773474	16.49%	1.106%
78	16.568	1370	1372	1380	rVB3	294724	772229	16.46%	1.104%
79	16.774	1387	1390	1391	rBV	306845	409511	8.73%	0.586%
80	16.808	1391	1393	1395	rVV	148167	222267	4.74%	0.318%
81	16.854	1395	1397	1399	rVV2	87404	193396	4.12%	0.277%
82	16.888	1399	1400	1402	rVV	148510	166023	3.54%	0.237%
83	16.957	1402	1406	1411	rVB5	130738	390572	8.33%	0.559%
84	17.163	1421	1424	1425	rBV	118353	207532	4.42%	0.297%
85	17.563	1456	1459	1464	rBV	1194865	2602638	55.49%	3.722%
86	17.677	1464	1469	1471	rVV2	265689	438784	9.35%	0.628%
87	17.883	1484	1487	1490	rVB	710740	910122	19.40%	1.302%
88	17.951	1490	1493	1497	rBV	1174012	2120698	45.21%	3.033%
89	18.020	1497	1499	1500	rVV	541797	803841	17.14%	1.150%
90	18.043	1500	1501	1503	rVV	333801	516102	11.00%	0.738%
91	18.089	1503	1505	1508	rVV	205883	413793	8.82%	0.592%
92	18.283	1517	1522	1525	rBV2	108247	354644	7.56%	0.507%
93	18.603	1547	1550	1553	rVB4	80280	162129	3.46%	0.232%
94	19.369	1613	1617	1620	rBV3	115736	274757	5.86%	0.393%
95	19.540	1628	1632	1637	rVB2	495147	1090186	23.24%	1.559%
96	19.734	1645	1649	1651	rBV	118465	275405	5.87%	0.394%
97	19.792	1651	1654	1656	rVV3	99296	240813	5.13%	0.344%
98	19.837	1656	1658	1665	rVV7	63697	173027	3.69%	0.247%
99	19.986	1667	1671	1677	rVB	404220	926635	19.76%	1.325%
100	20.226	1689	1692	1701	rVB	131040	336626	7.18%	0.481%

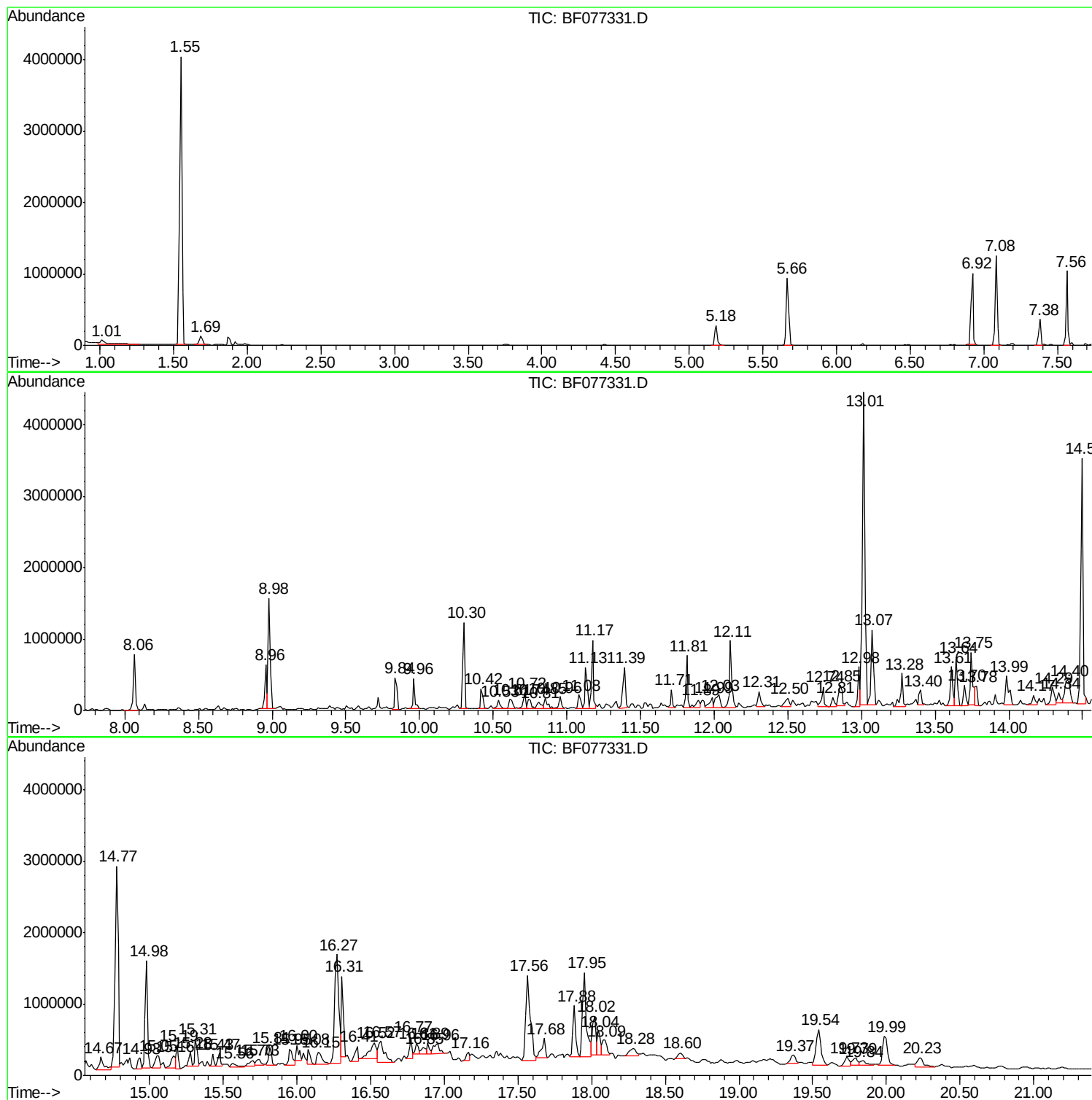
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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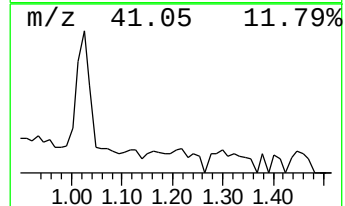
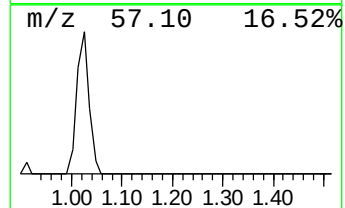
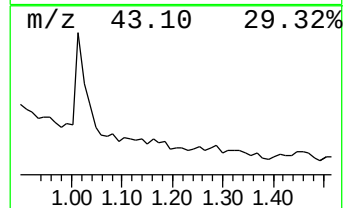
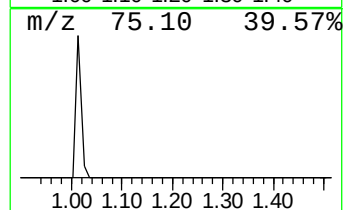
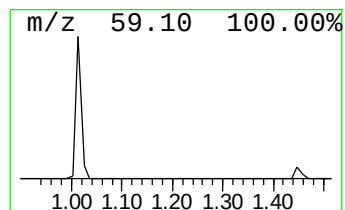
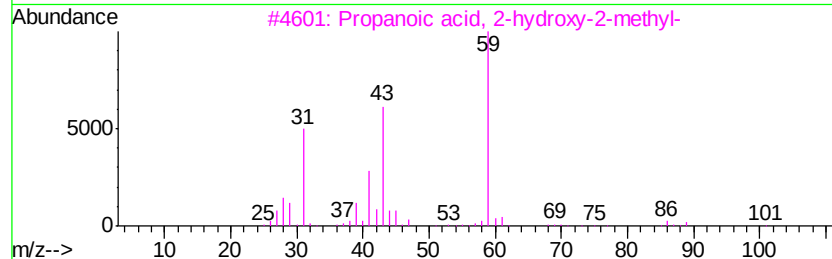
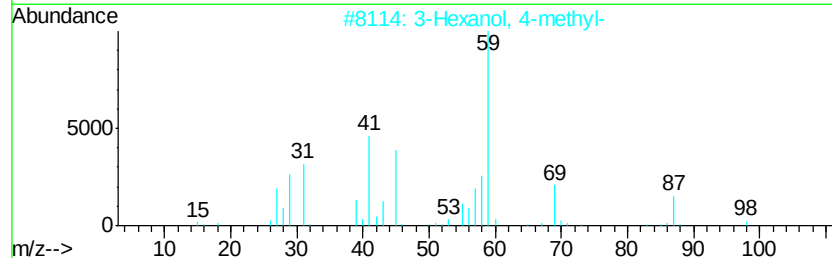
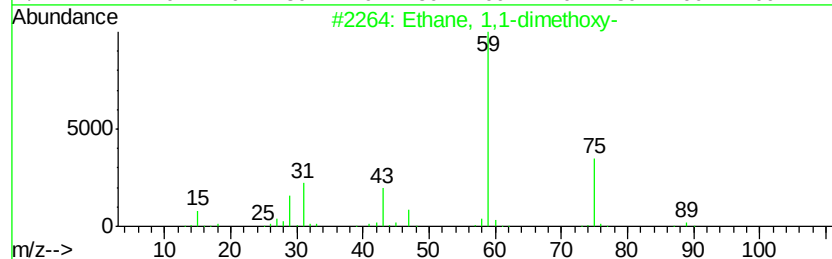
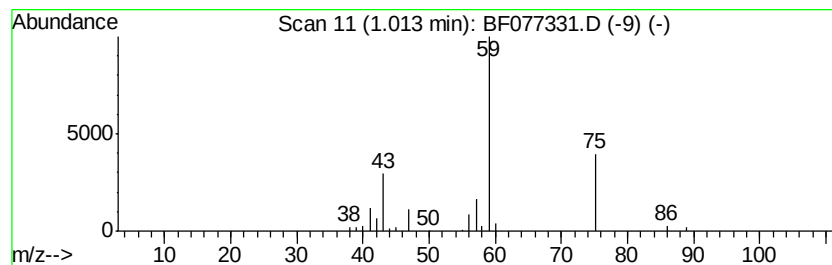
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethane, 1,1-dimethoxy- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.01	9.76 ng	171196	1,4-Dichlorobenzene-d4	7.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	72
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	28
4		2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	28
5		Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	25



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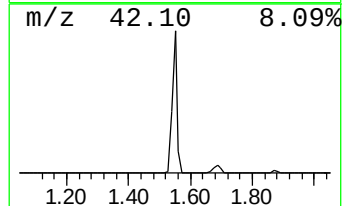
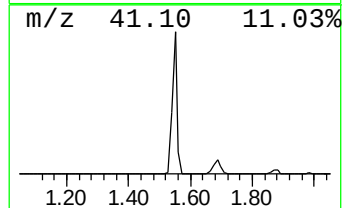
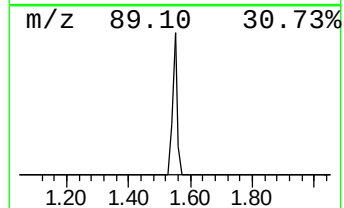
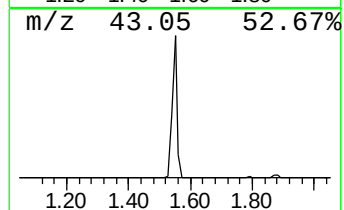
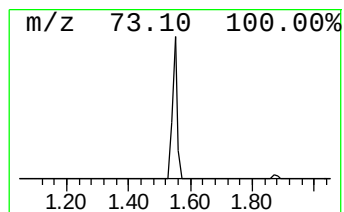
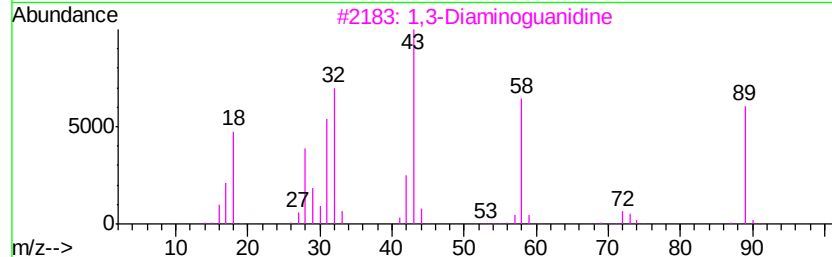
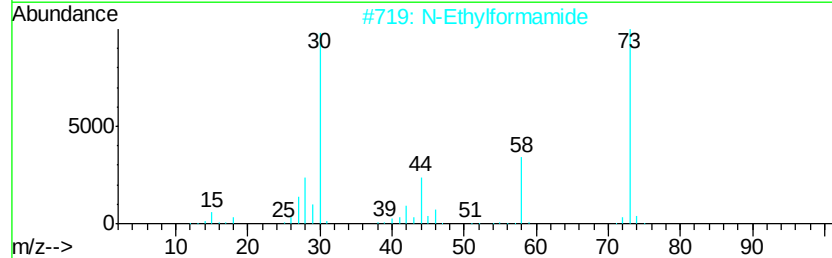
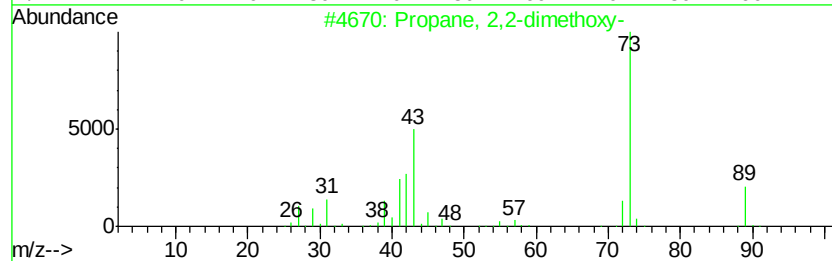
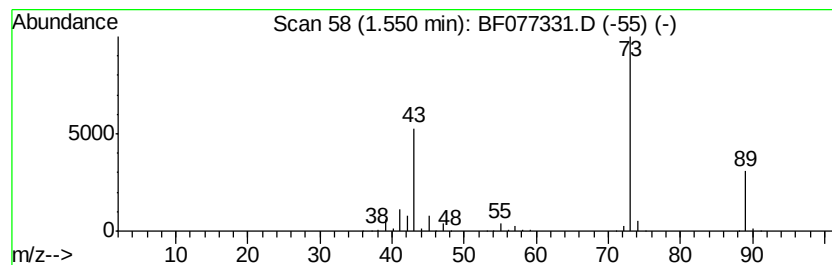
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown1.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	251.68 ng	4415180	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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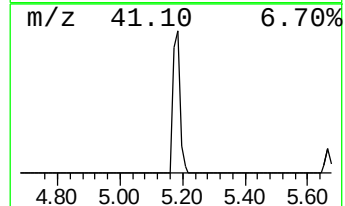
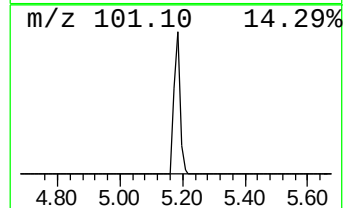
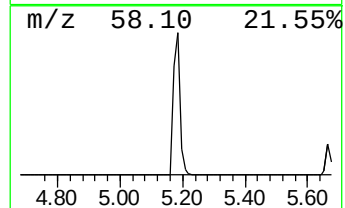
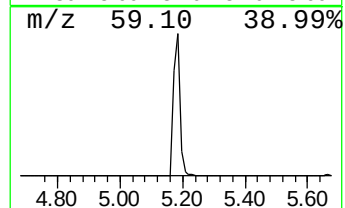
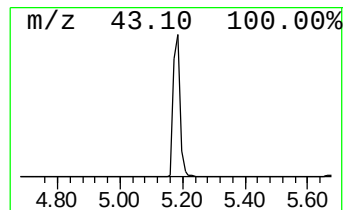
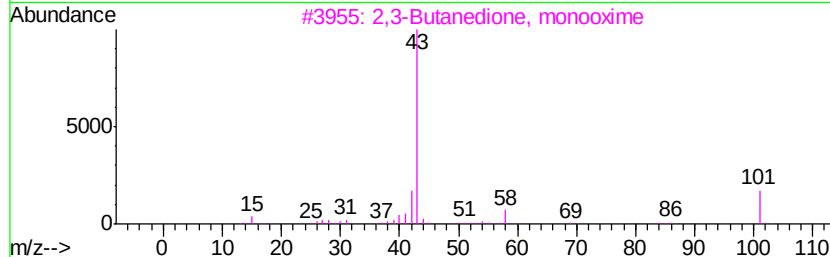
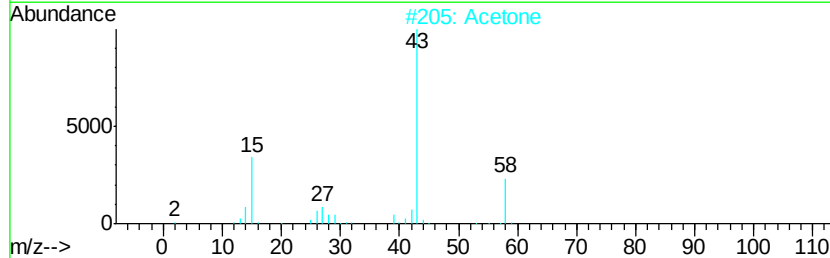
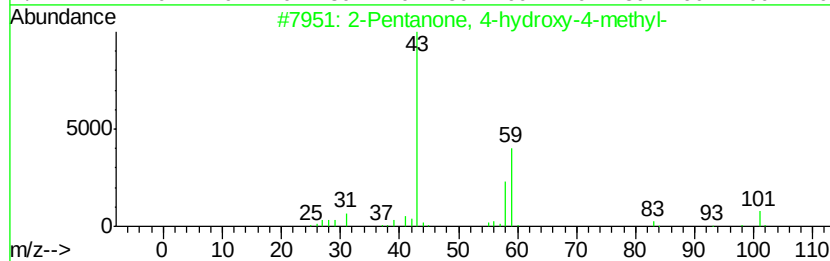
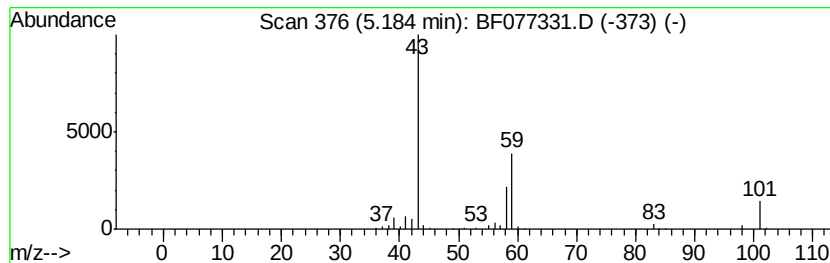
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	21.78 ng	382032	1,4-Dichlorobenzene-d4	7.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78		
2	Acetone	58	C3H6O	000067-64-1	16		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12		
4	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	9		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077331.D
Acq On : 17 Feb 2015 23:49
Operator : TP/IZ
Sample : G1299-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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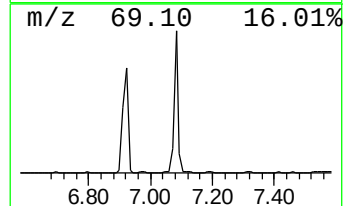
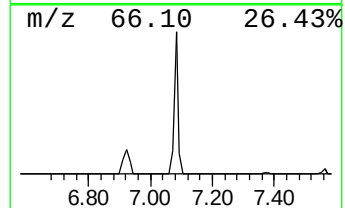
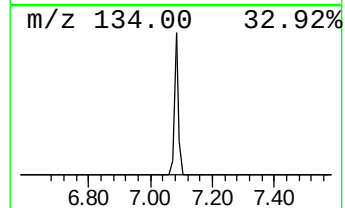
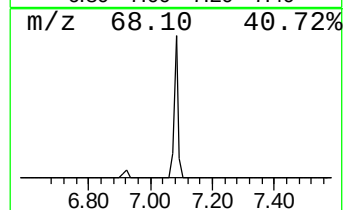
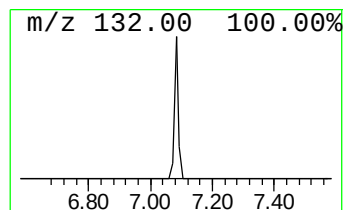
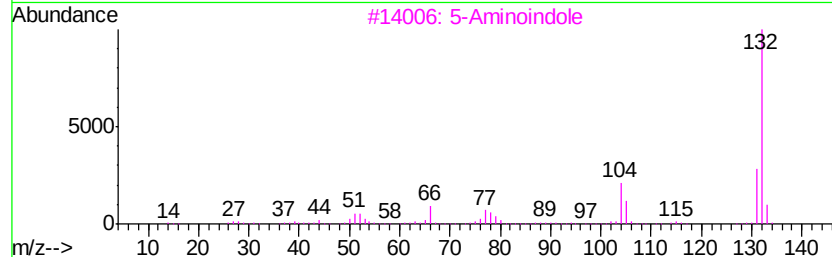
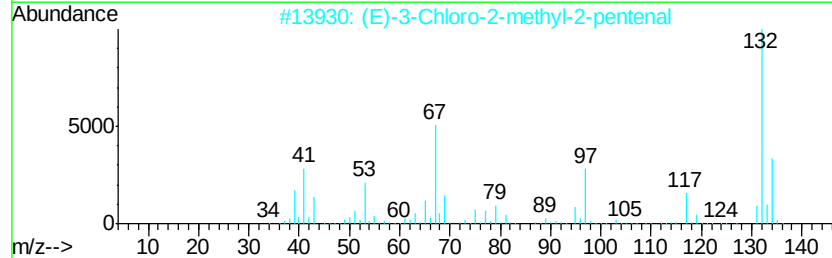
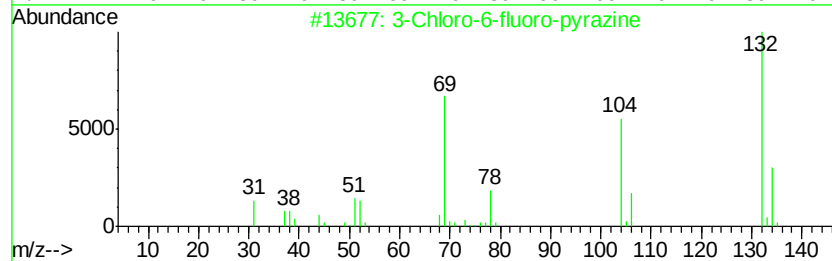
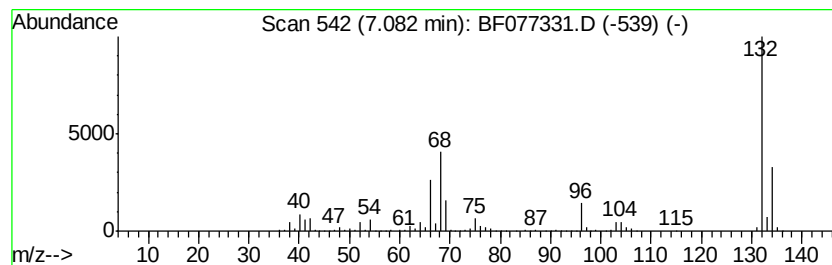
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	65.42 ng	1147640	1,4-Dichlorobenzene-d4	7.38

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	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077331.D
Acq On : 17 Feb 2015 23:49
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Sample : G1299-01
Misc :
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ClientSampleId :
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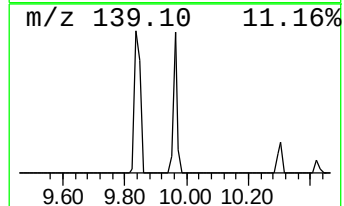
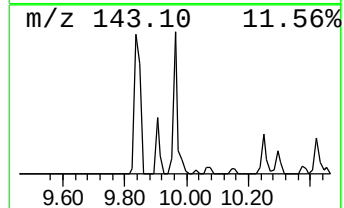
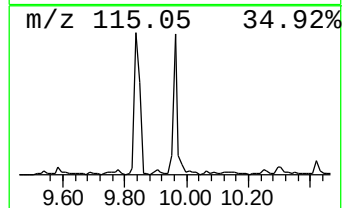
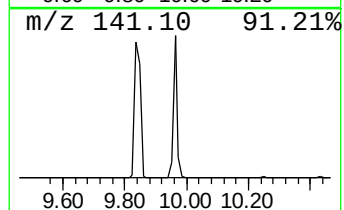
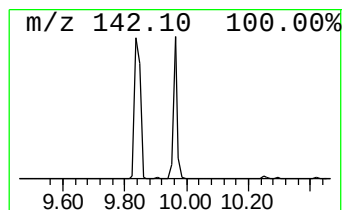
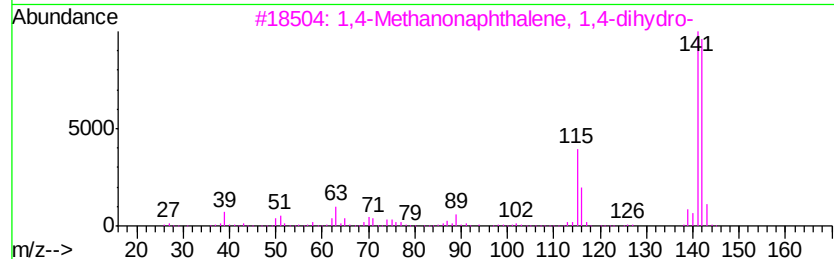
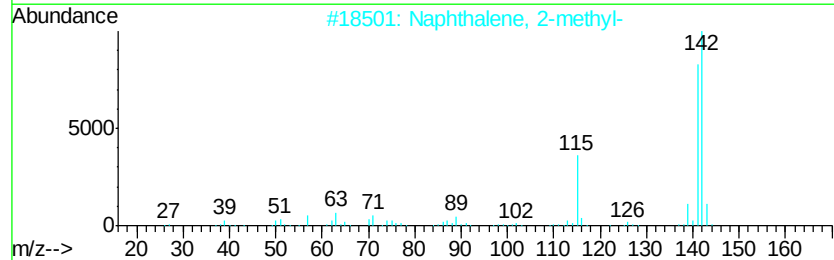
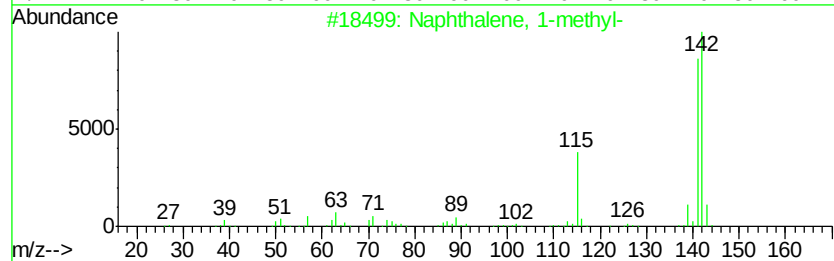
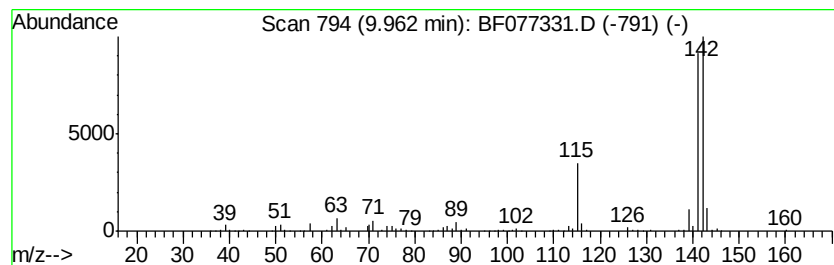
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	12.86 ng	429834	Naphthalene-d8	8.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077331.D
Acq On : 17 Feb 2015 23:49
Operator : TP/IZ
Sample : G1299-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

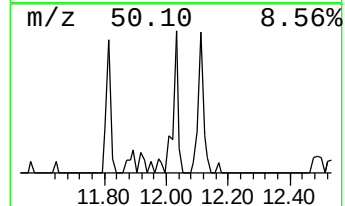
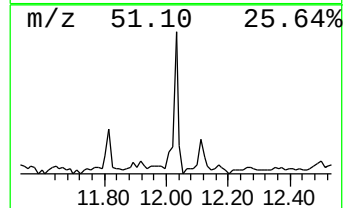
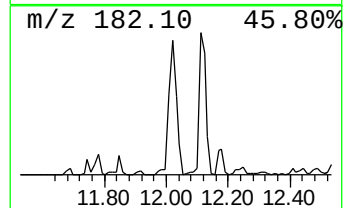
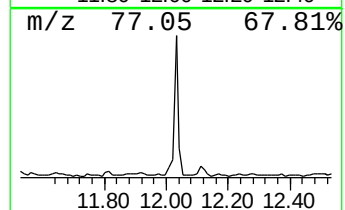
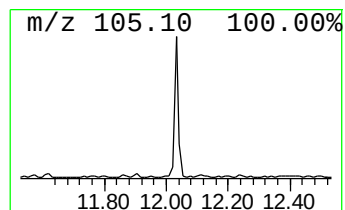
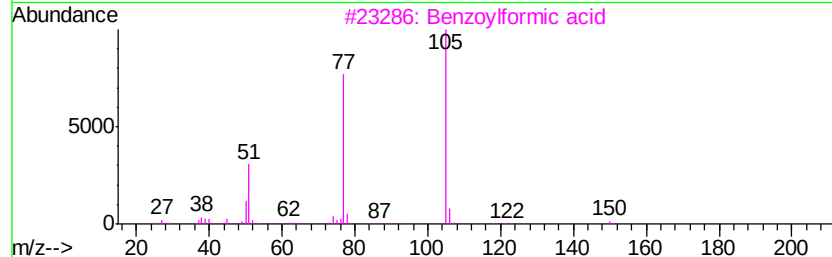
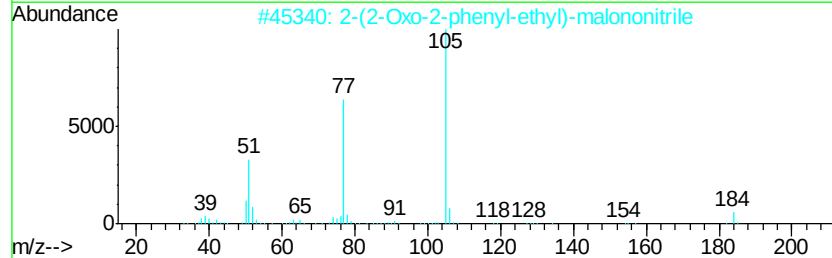
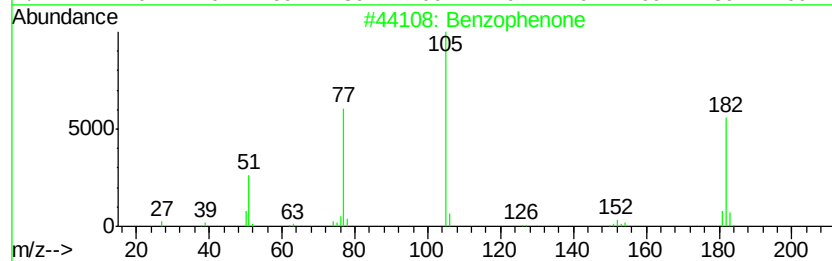
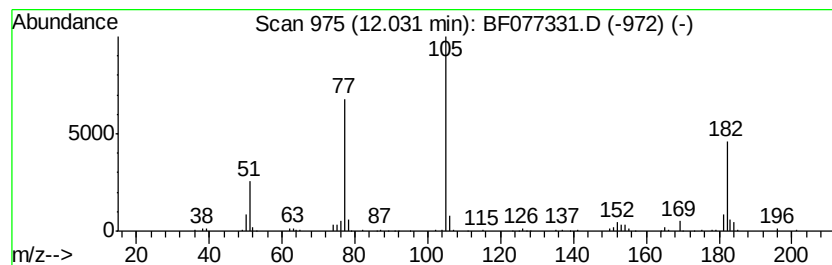
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	10.65 ng	369131	Acenaphthene-d10	11.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzophenone	182 C13H10O	000119-61-9 95
2		2-(2-Oxo-2-phenyl-ethyl)-malonon...	184 C11H8N2O	1000296-76-9 49
3		Benzoylformic acid	150 C8H6O3	000611-73-4 46
4		Benzenepropanenitrile, .beta.-oxo-	145 C9H7NO	000614-16-4 43
5		Acetophenone, 2-chloro-	154 C8H7ClO	000532-27-4 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077331.D
Acq On : 17 Feb 2015 23:49
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Sample : G1299-01
Misc :
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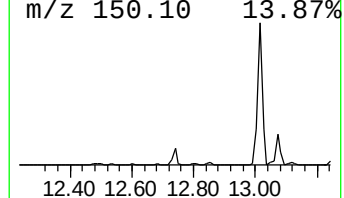
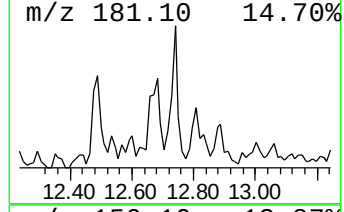
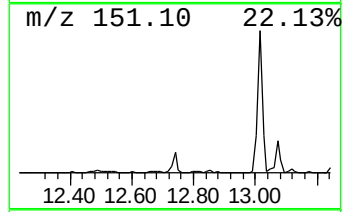
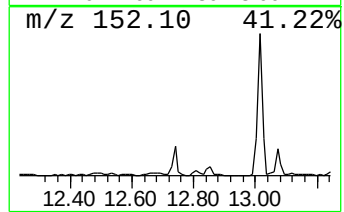
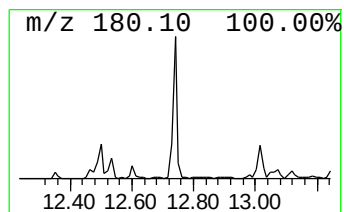
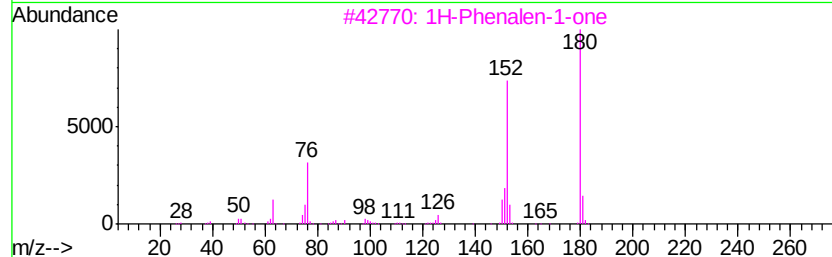
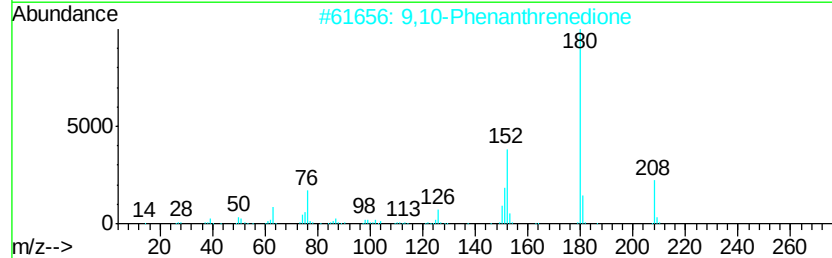
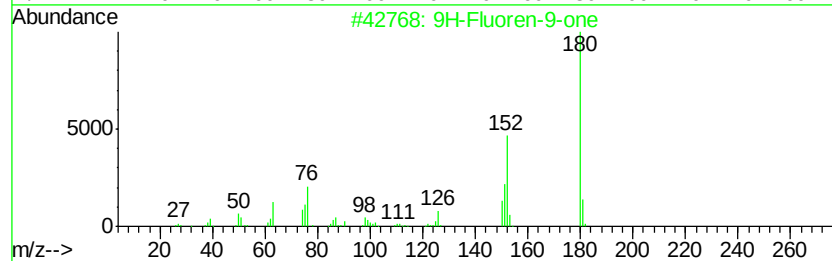
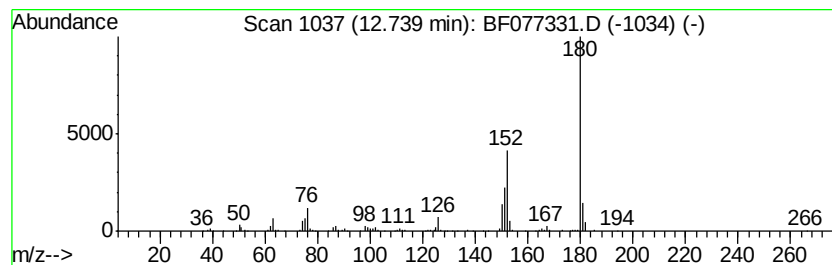
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	10.87 ng	337147	Phenanthrene-d10	12.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluoren-9-one	180 C13H8O	000486-25-9	96
2	9,10-Phenanthrenedione	208 C14H8O2	000084-11-7	86
3	1H-Phenalen-1-one	180 C13H8O	000548-39-0	64
4	9,9-Bis[4-aminophenylsulfonyl]fl...	476 C25H20N2O4S2	081269-16-1	64
5	2-Benzothiazolamine, 4-methoxy-	180 C8H8N2OS	005464-79-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
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Sample : G1299-01
Misc :
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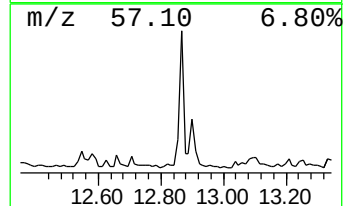
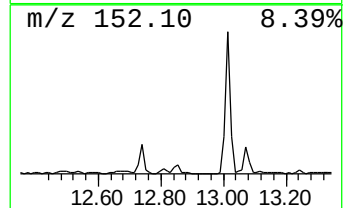
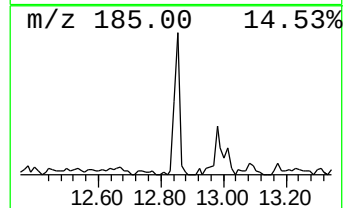
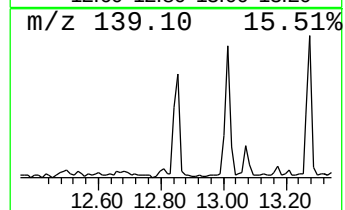
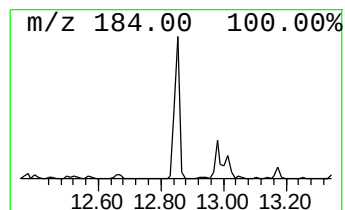
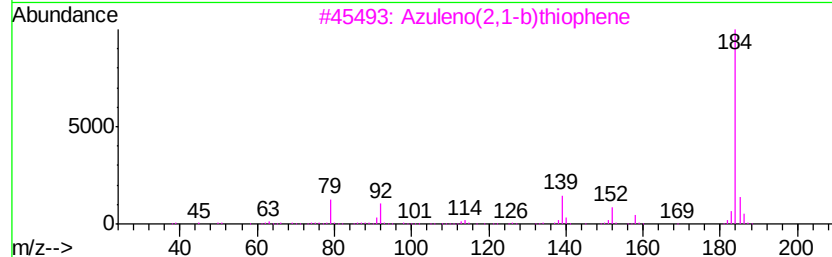
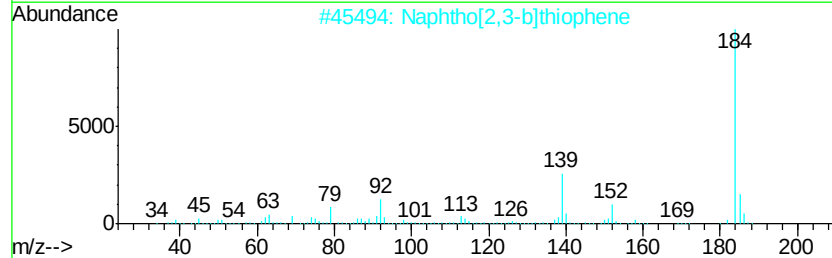
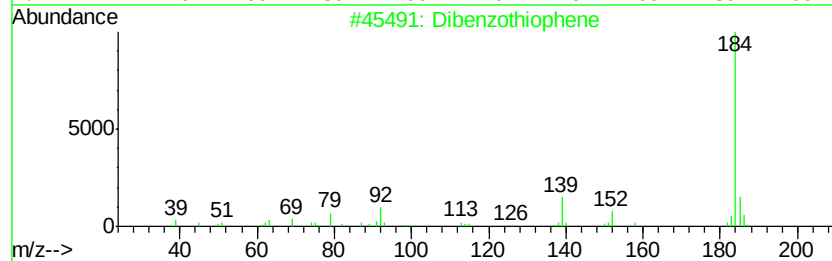
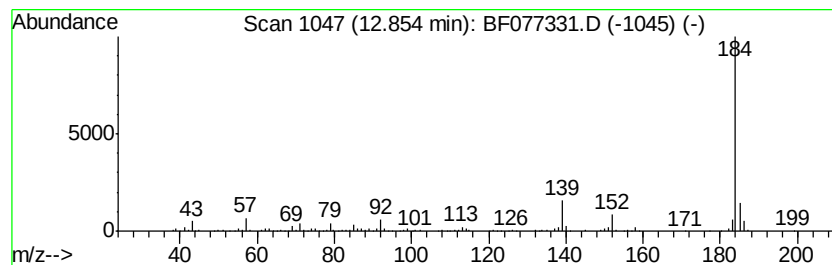
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.85	15.30 ng	474564	Phenanthrene-d10	12.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
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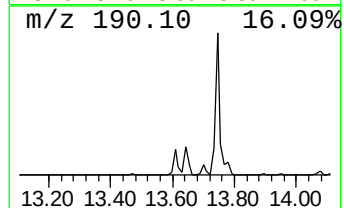
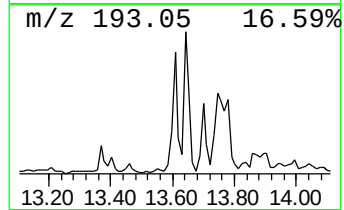
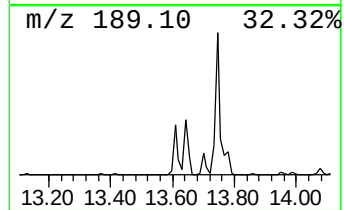
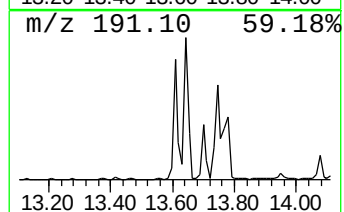
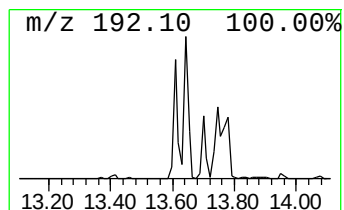
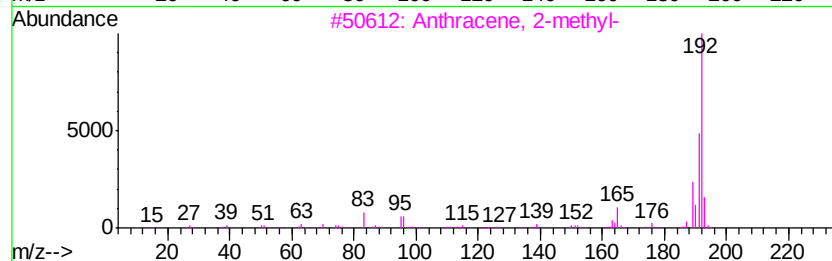
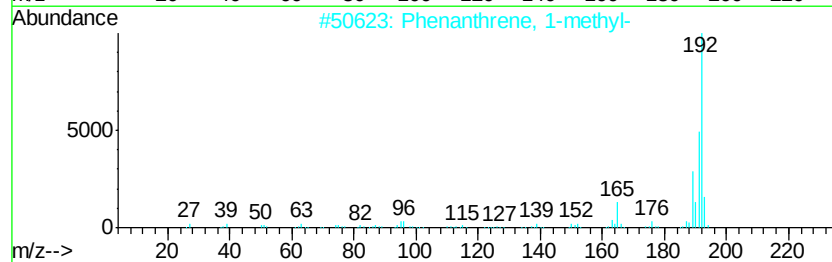
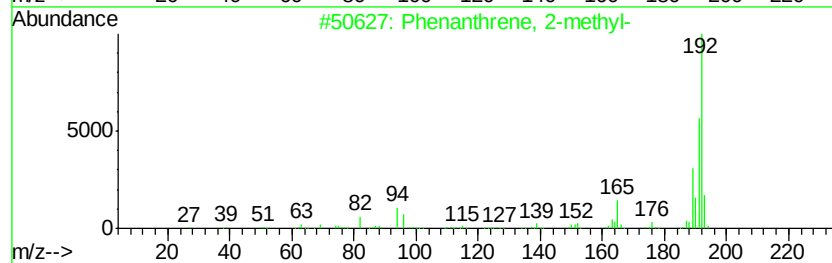
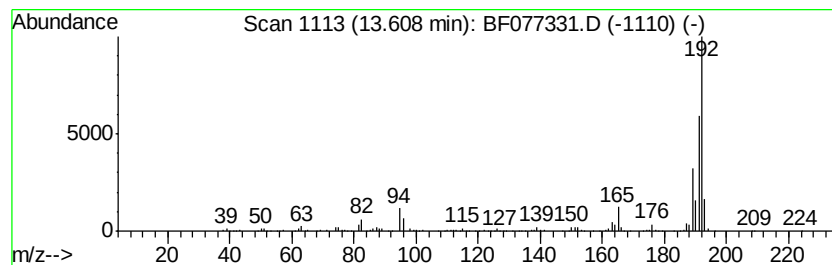
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.61	20.60 ng	638814	Phenanthrene-d10	12.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
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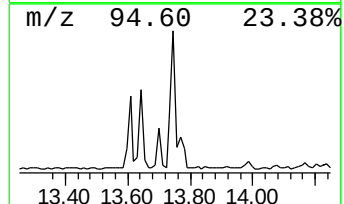
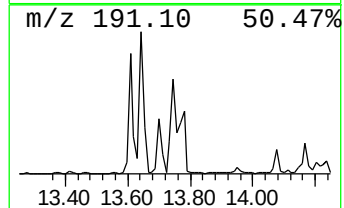
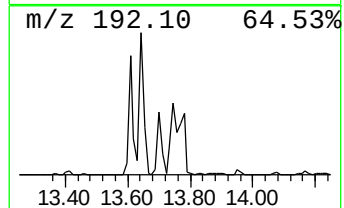
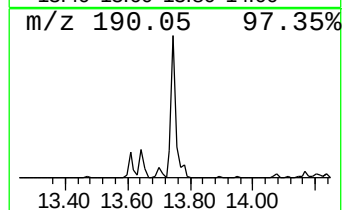
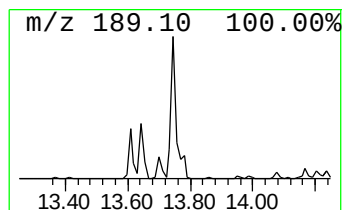
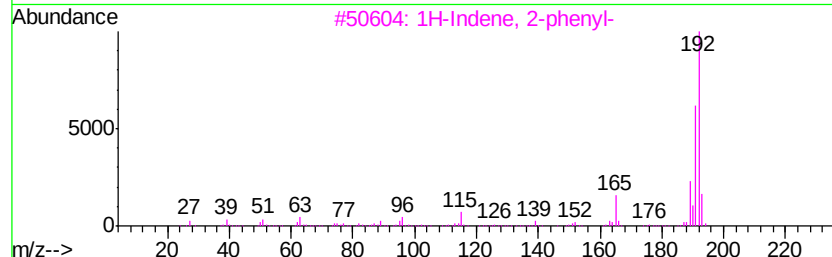
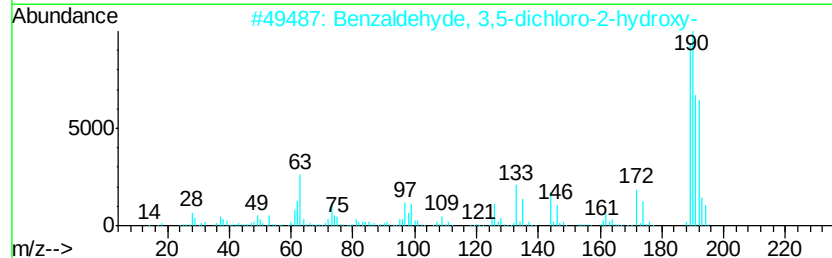
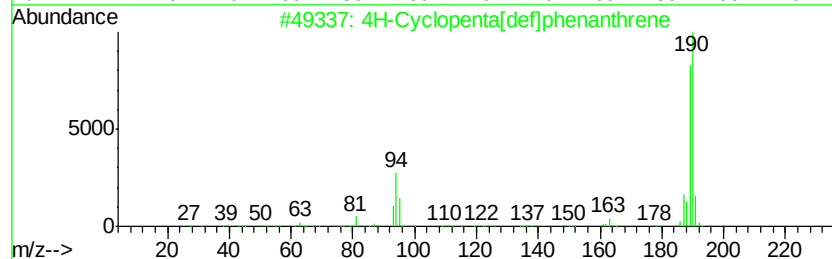
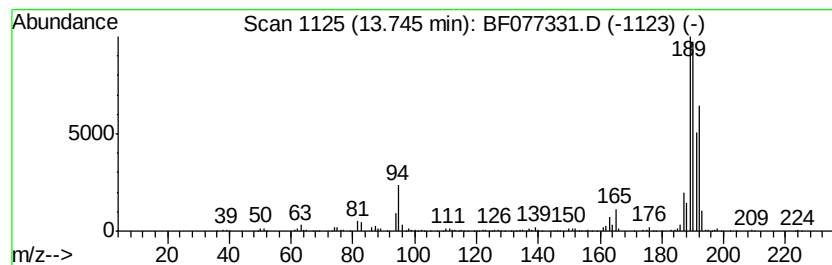
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.75	31.92 ng	989914	Phenanthrene-d10	12.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077331.D
Acq On : 17 Feb 2015 23:49
Operator : TP/IZ
Sample : G1299-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

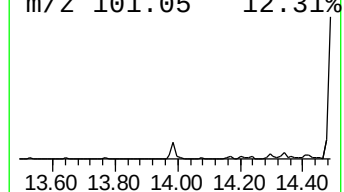
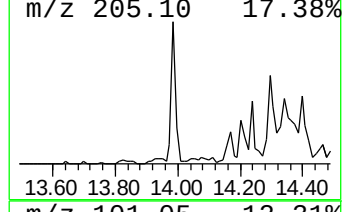
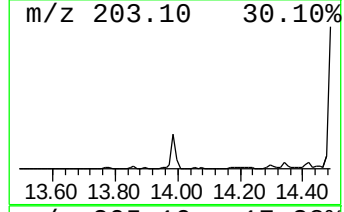
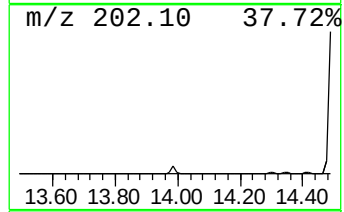
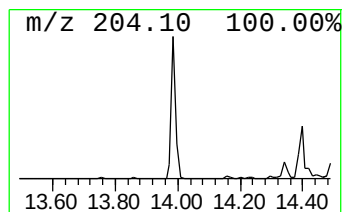
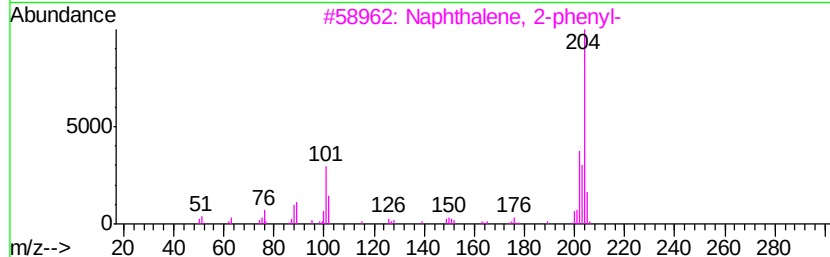
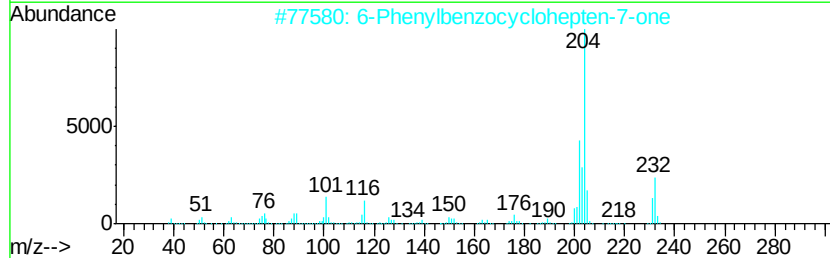
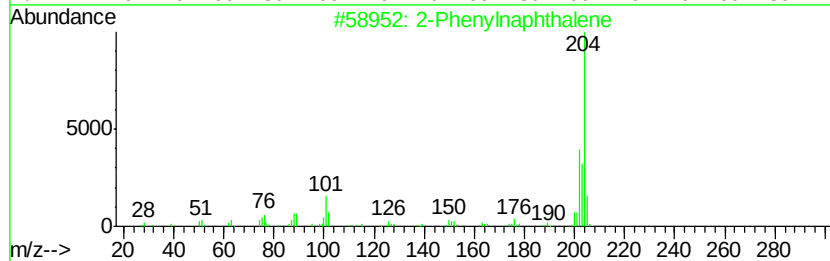
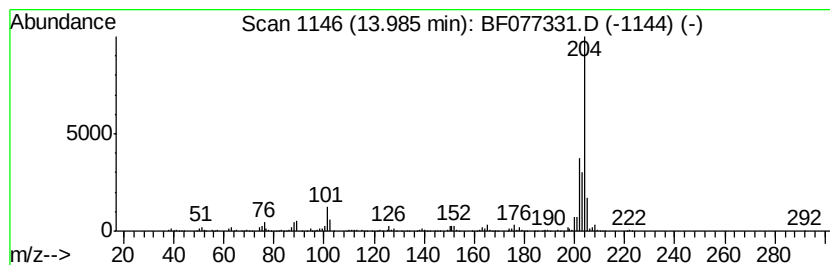
Instrument :
BNA_F
ClientSampleId :
COMP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Phenylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.99	19.58 ng	607205	Phenanthrene-d10		12.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenylnaphthalene	204	C16H12	035465-71-5	94
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077331.D
Acq On : 17 Feb 2015 23:49
Operator : TP/IZ
Sample : G1299-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

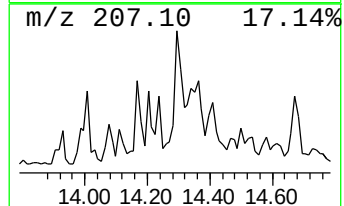
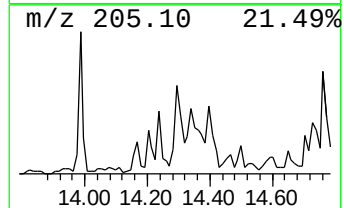
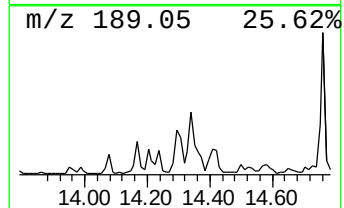
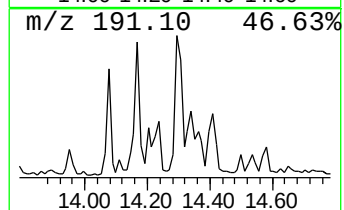
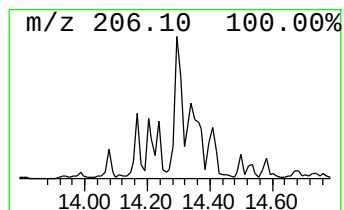
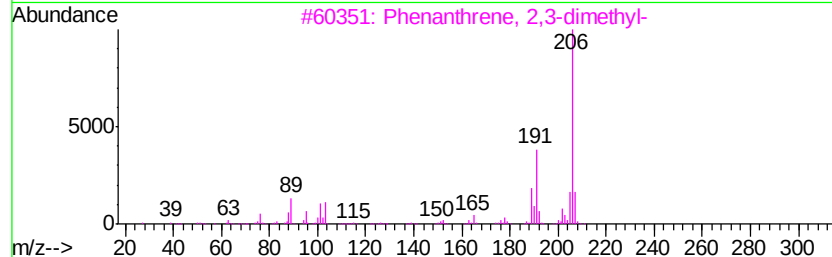
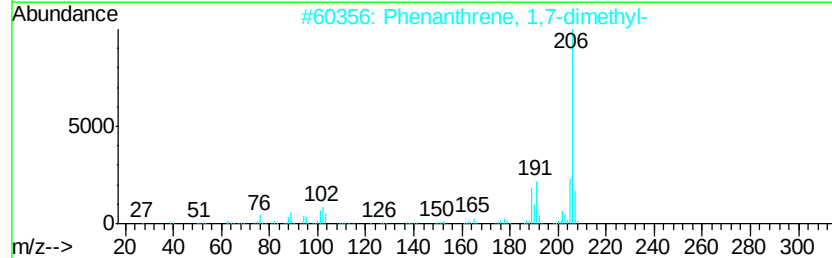
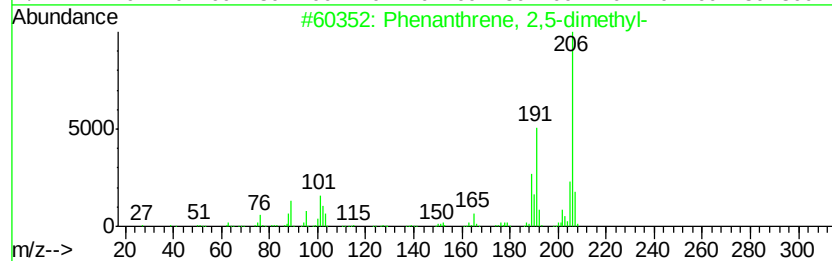
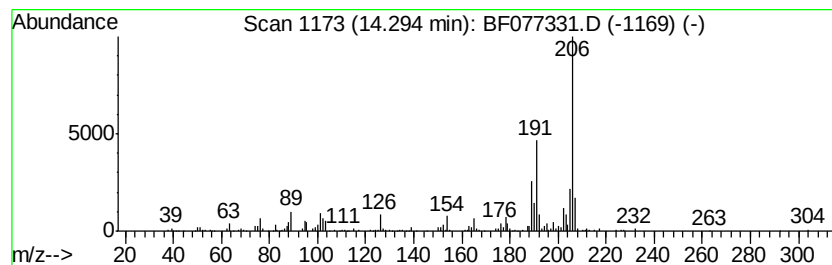
Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.29	11.69 ng	362609	Phenanthrene-d10		12.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077331.D
Acq On : 17 Feb 2015 23:49
Operator : TP/IZ
Sample : G1299-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP1

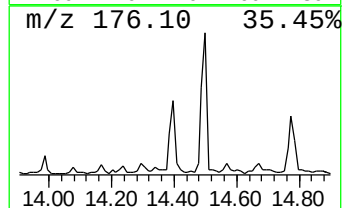
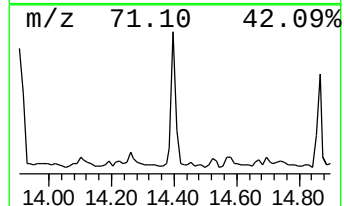
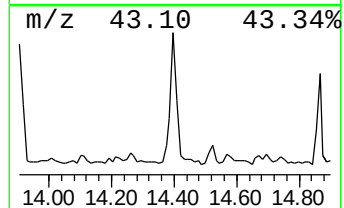
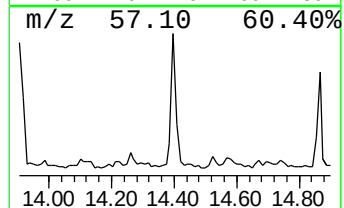
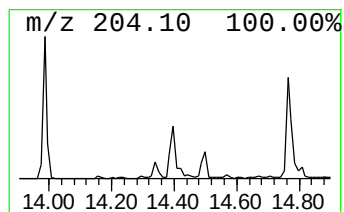
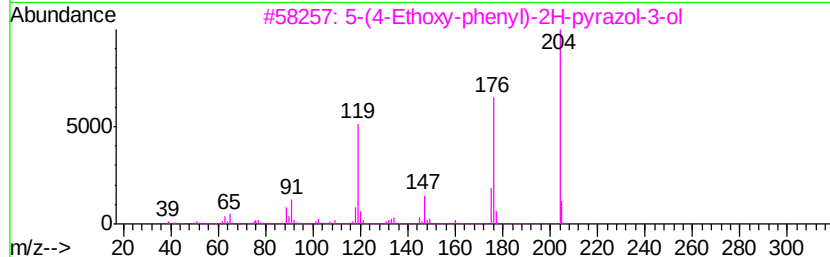
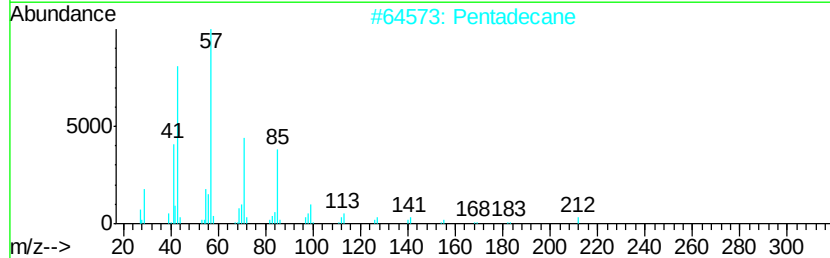
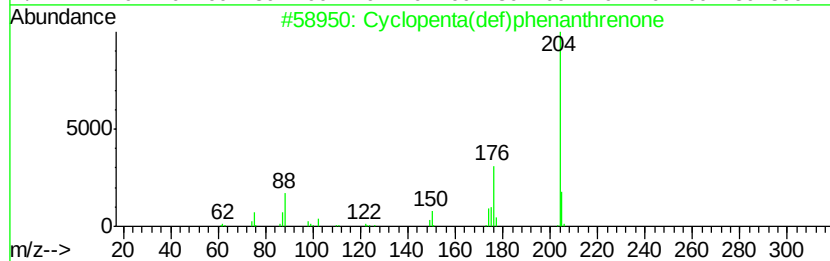
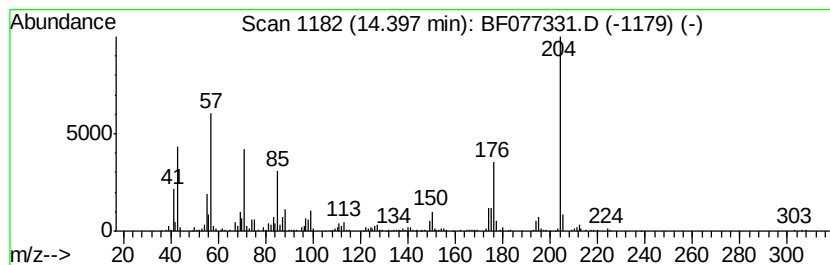
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	25.18 ng	780760	Phenanthrene-d10	12.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2		Pentadecane	212	C15H32	000629-62-9	53
3		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	43
4		Octacosane	394	C28H58	000630-02-4	35
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077331.D
Acq On : 17 Feb 2015 23:49
Operator : TP/IZ
Sample : G1299-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

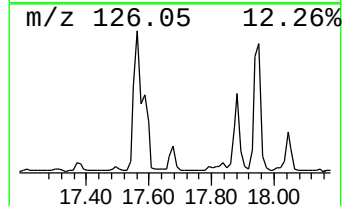
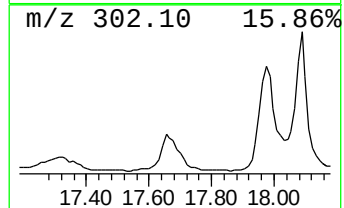
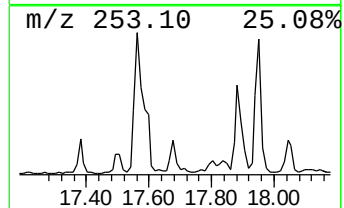
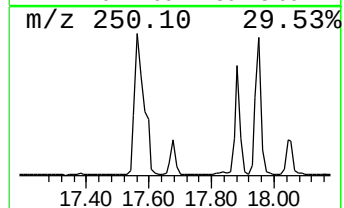
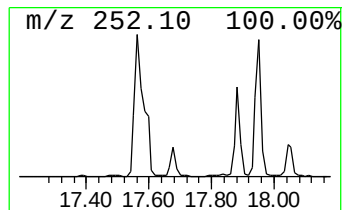
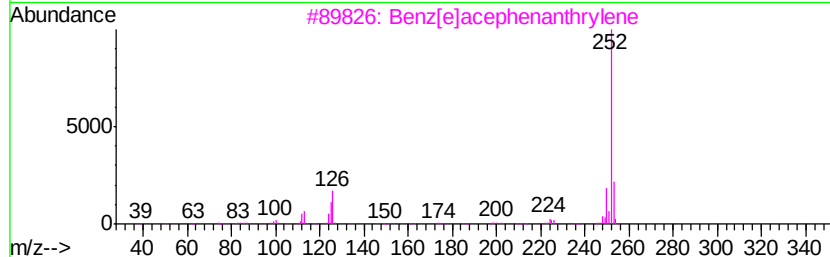
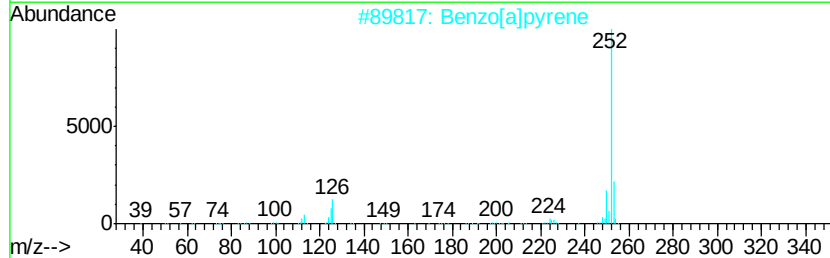
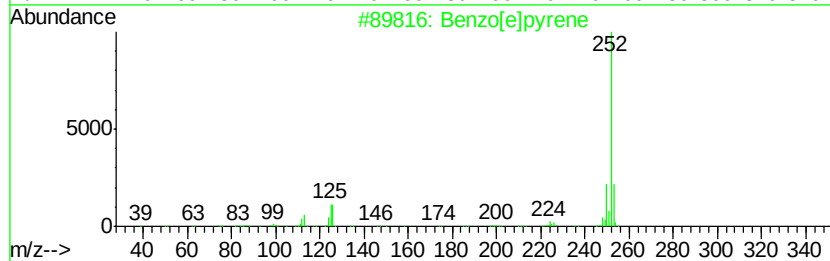
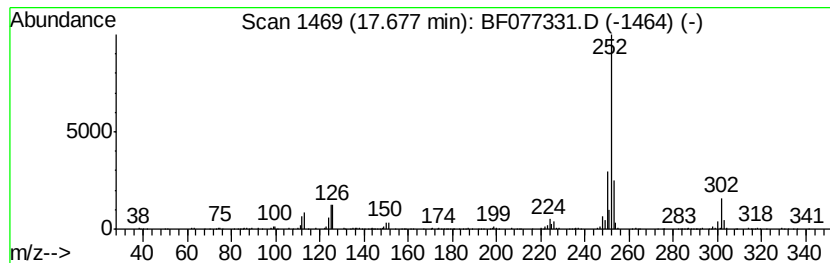
Instrument :
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ClientSampleId :
COMP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	10.92 ng	438784	Perylene-d12	18.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	99
2	Benzo[a]pyrene	252 C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252 C20H12	000205-82-3	92
5	Perylene	252 C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077331.D
Acq On : 17 Feb 2015 23:49
Operator : TP/IZ
Sample : G1299-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP1

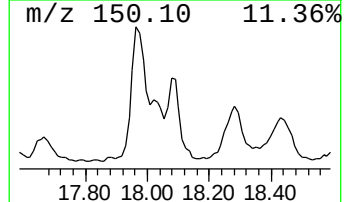
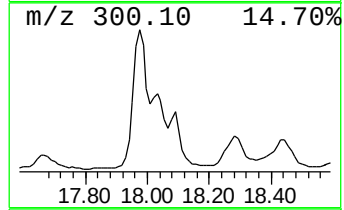
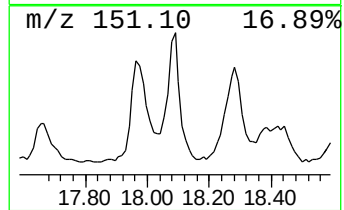
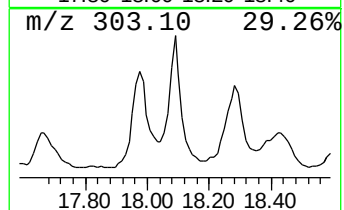
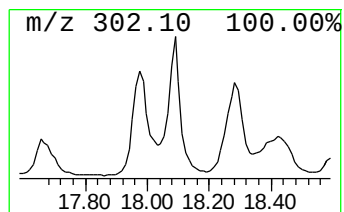
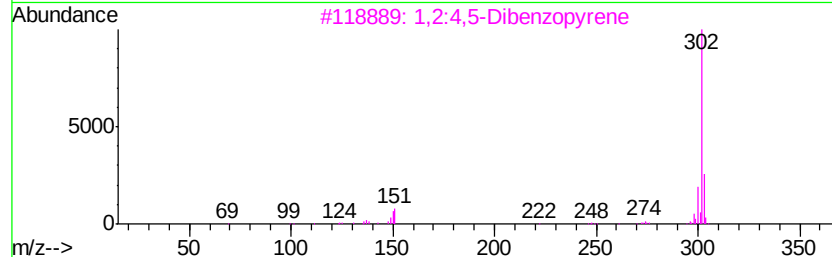
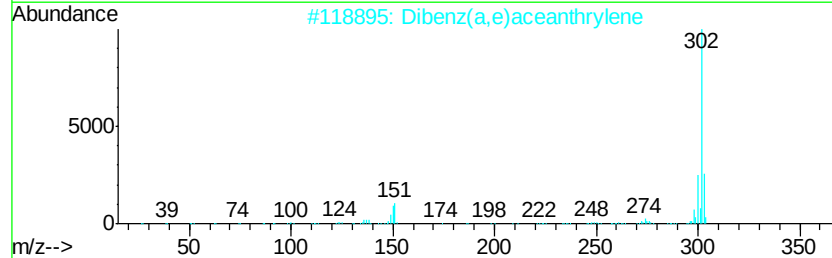
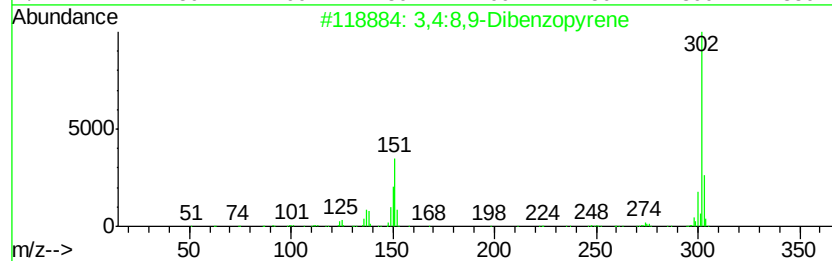
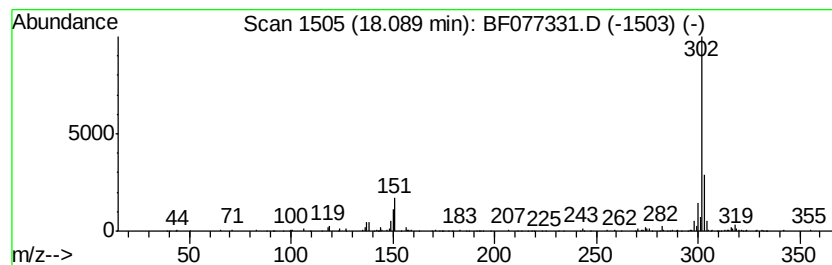
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	10.30 ng	413793	Perylene-d12	18.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	91
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	91
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	83
5		Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077331.D
 Acq On : 17 Feb 2015 23:49
 Operator : TP/IZ
 Sample : G1299-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.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
Ethane, 1,1-dimet...	1.01	9.8	ng	171196	1	7.38	350856	20.0
unknown1.55	1.55	251.7	ng	4415180	1	7.38	350856	20.0
2-Pentanone, 4-hy...	5.18	21.8	ng	382032	1	7.38	350856	20.0
unknown7.08	7.08	65.4	ng	1147640	1	7.38	350856	20.0
Naphthalene, 1-me...	9.96	12.9	ng	429834	2	8.96	668448	20.0
Benzophenone	12.03	10.7	ng	369131	3	11.13	692931	20.0
9H-Fluoren-9-one	12.74	10.9	ng	337147	4	12.98	620227	20.0
Dibenzothiophene	12.85	15.3	ng	474564	4	12.98	620227	20.0
Phenanthrene, 2-m...	13.61	20.6	ng	638814	4	12.98	620227	20.0
4H-Cyclopenta[def...	13.75	31.9	ng	989914	4	12.98	620227	20.0
2-Phenylnaphthalene	13.99	19.6	ng	607205	4	12.98	620227	20.0
Phenanthrene, 2,5...	14.29	11.7	ng	362609	4	12.98	620227	20.0
Cyclopenta(def)ph...	14.40	25.2	ng	780760	4	12.98	620227	20.0
Benzo[e]pyrene	17.68	10.9	ng	438784	6	18.02	803841	20.0
3,4:8,9-Dibenzopy...	18.09	10.3	ng	413793	6	18.02	803841	20.0