

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008237.D
 Acq On : 18 Oct 2019 00:46
 Operator : JU
 Sample : K5177-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC6

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Quant Time: Oct 18 04:03:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3113	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15057	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9132	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	19615m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	14531	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12067	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3669	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	10415	0.15	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	2308	0.054	ng/ul#	91
5) 2-Methylnaphthalene	12.04	142	1786	0.061	ng/ul	100
7) Acenaphthylene	13.95	152	4828	0.111	ng/ul#	95
8) Acenaphthene	14.30	153	4972	0.147	ng/ul	99
9) Fluorene	15.29	166	4876	0.127	ng/ul#	97
12) Phenanthrene	17.03	178	102266	1.781	ng/ul	99
13) Anthracene	17.12	178	18355	0.363	ng/ul	99
15) Fluoranthene	19.05	202	180202	2.376	ng/ul	99
17) Pyrene	19.41	202	193150	3.338	ng/ul	98
18) Benzo(a)anthracene	21.17	228	88964	1.684	ng/ul	97
19) Chrysene	21.22	228	99570	1.536	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	95488m	2.431	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	27925m	0.628	ng/ul	
23) Benzo(a)pyrene	23.27	252	66966	1.620	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.53	276	42208	0.867	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.54	278	10749	0.279	ng/ul#	90
26) Benzo(a,h,i)perylene	26.19	276	42577	0.954	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

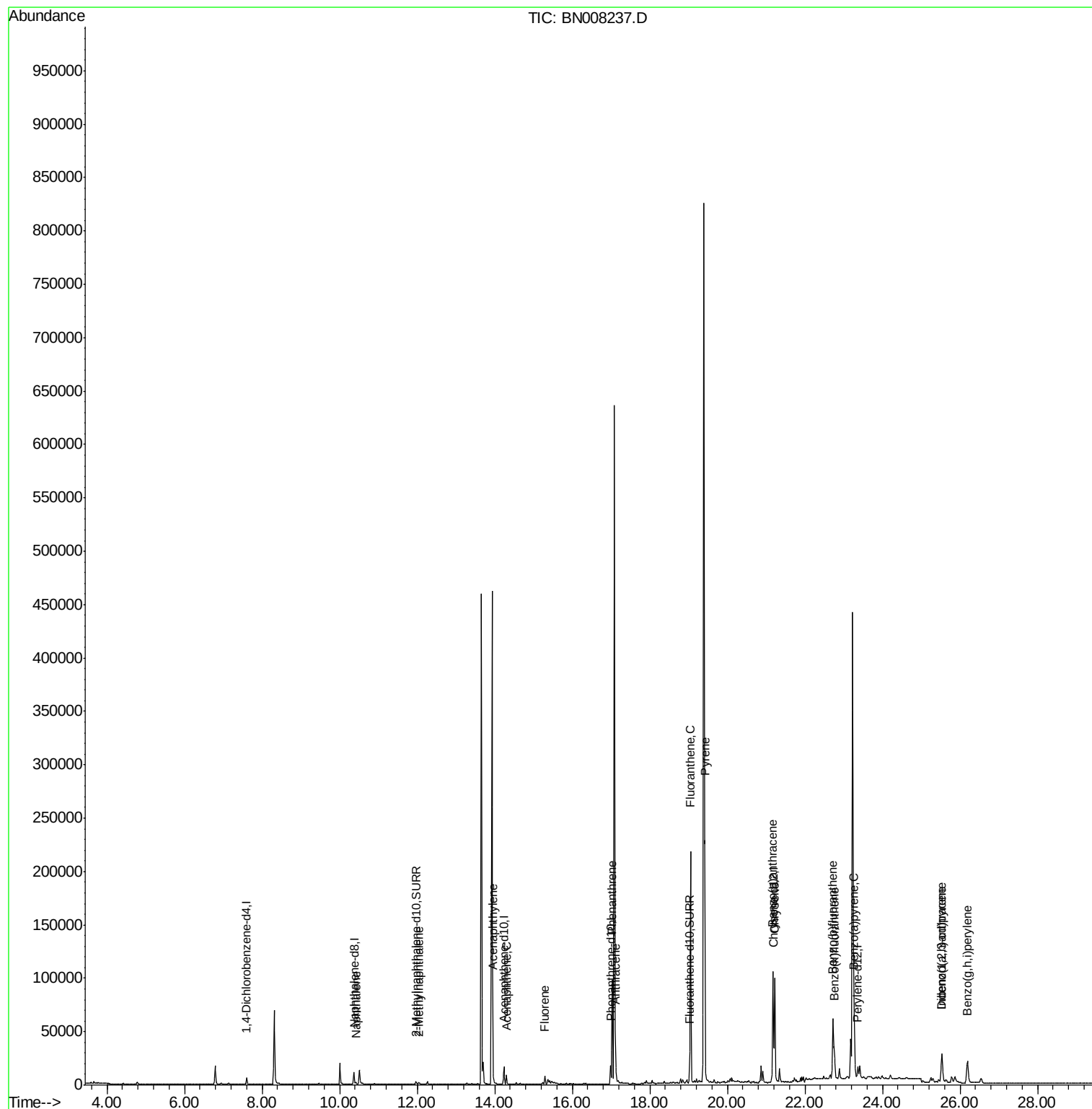
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008237.D
Acq On : 18 Oct 2019 00:46
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ALS Vial : 25 Sample Multiplier: 1

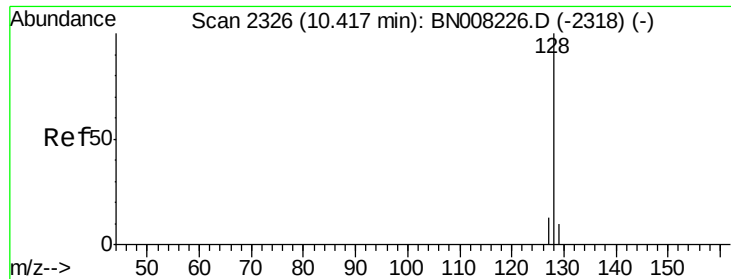
Instrument :
BNA_N
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BEPC6

Quant Time: Oct 18 04:03:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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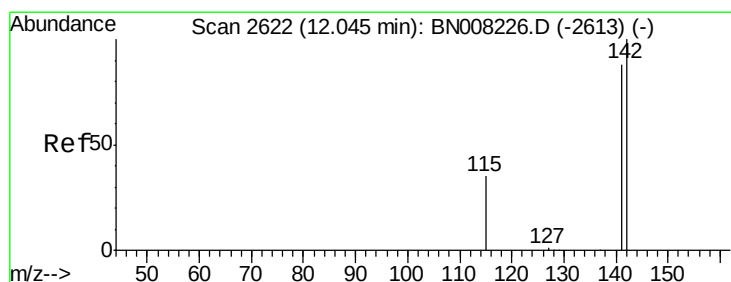
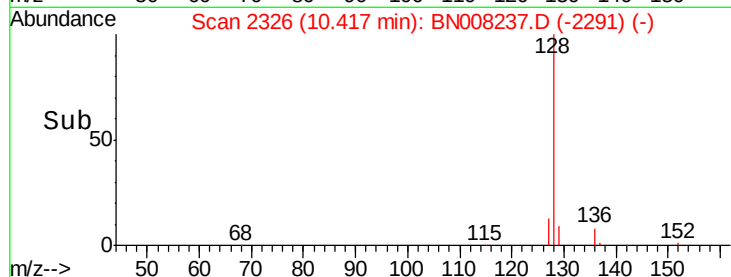
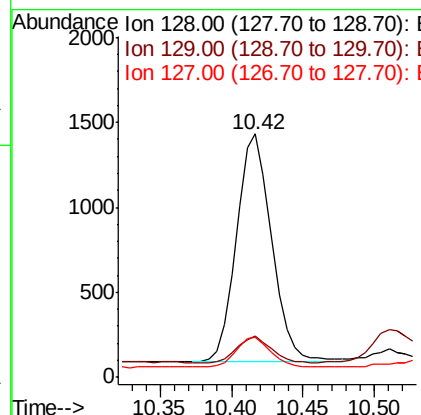
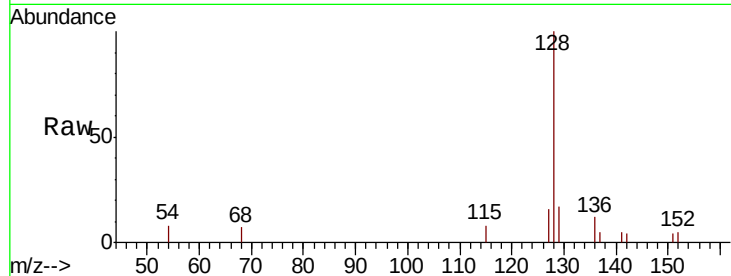
#3
Naphthalene
Concen: 0.054 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BN008237.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_N
ClientSampleId :
BEPC6

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.7	9.8	14.8#
127	16.5	11.1	16.7

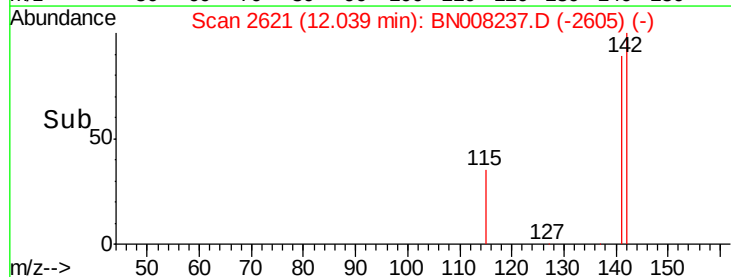
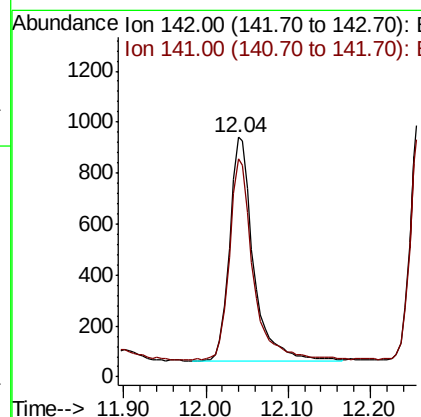
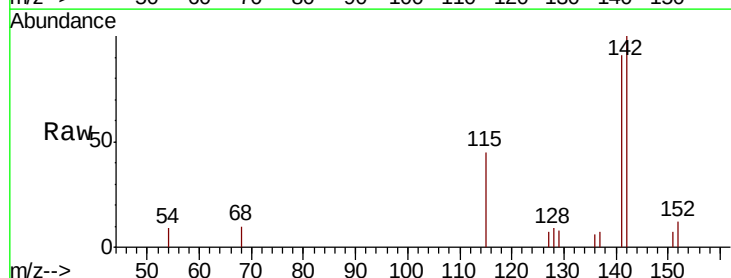
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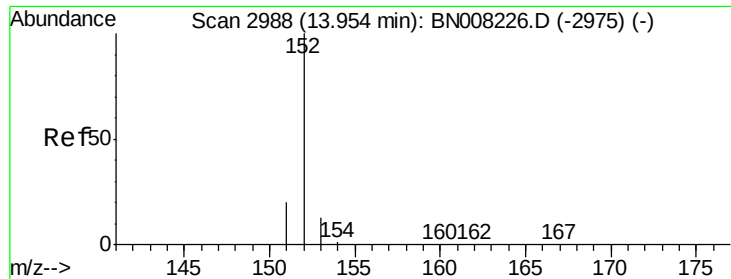
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#5
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BN008237.D
Acq: 18 Oct 2019 00:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2





#7

Acenaphthylene

Concen: 0.111 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Instrument :

BNA_N

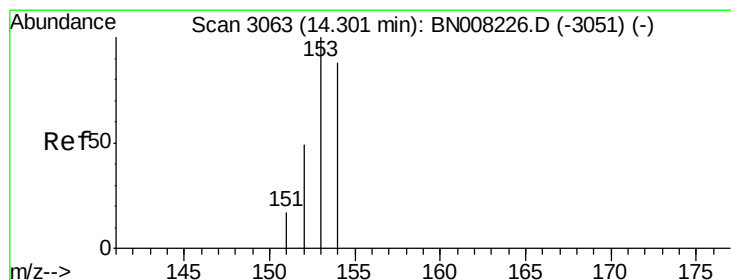
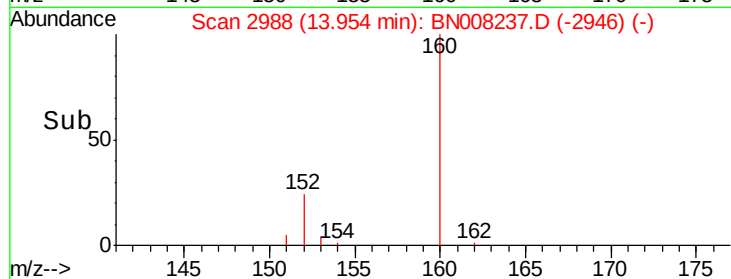
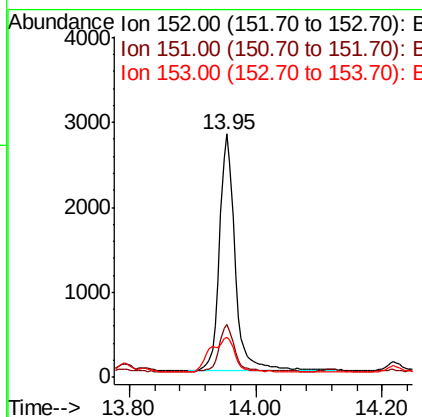
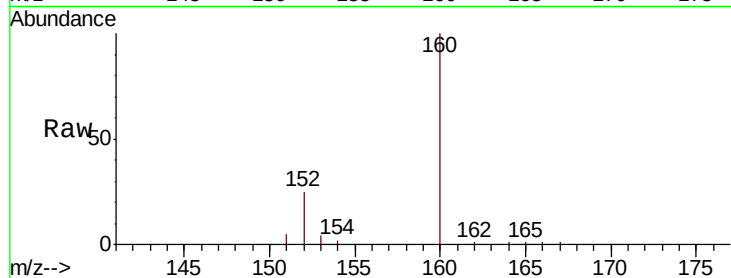
ClientSampleId :

BEPC6

Tot Ion:	152	Resp:	4828
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.2	24.4
153	16.6	11.0	16.4

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#8

Acenaphthene

Concen: 0.147 ng/ul

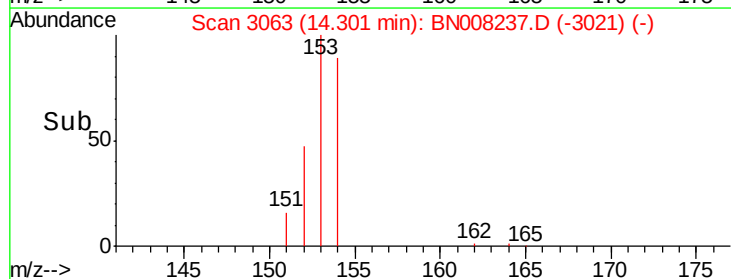
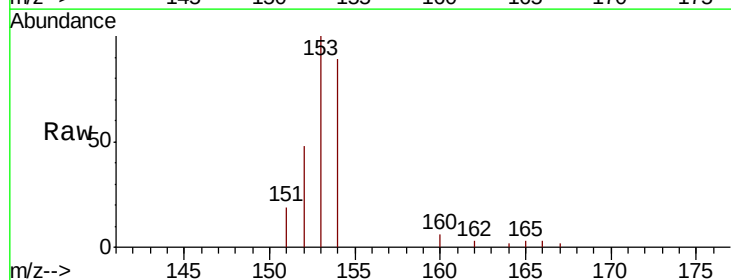
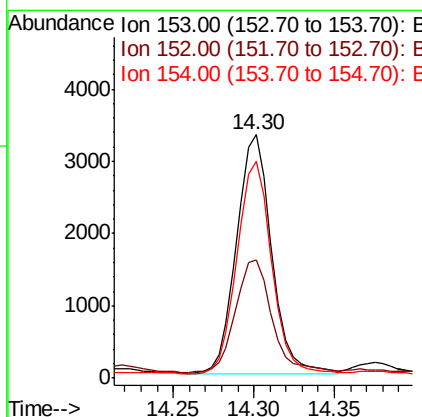
RT: 14.30 min Scan# 3063

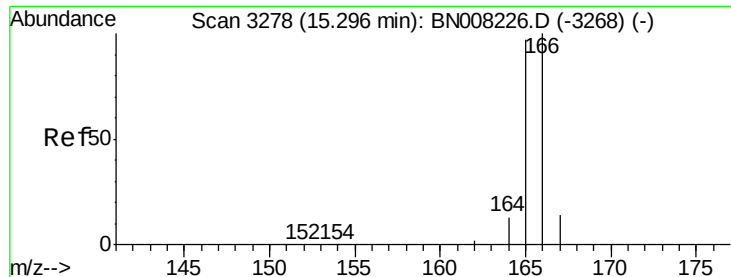
Delta R.T. -0.00 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Tgt Ion:	153	Resp:	4972
Ion Ratio	Lower	Upper	
153	100		
152	48.4	38.2	57.2
154	88.8	71.8	107.8





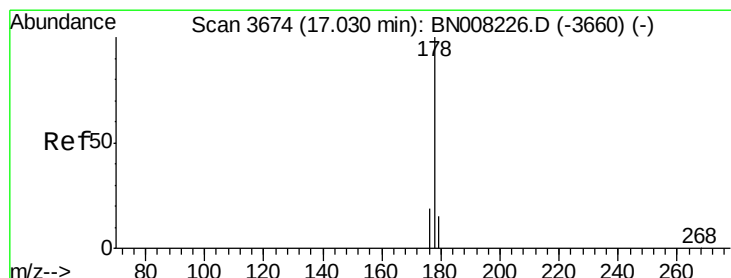
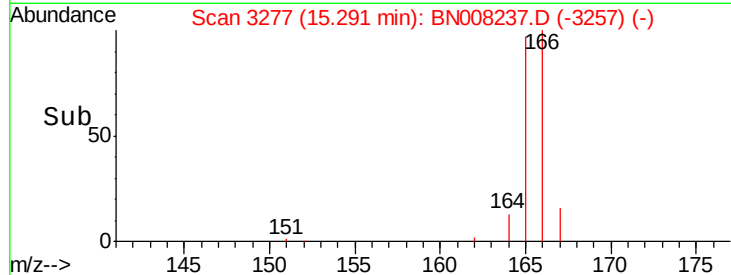
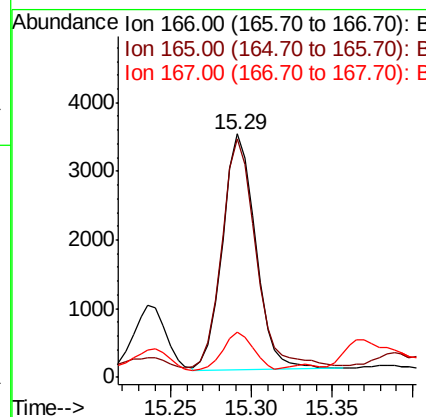
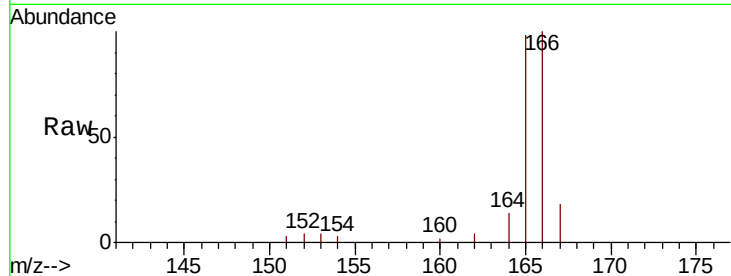
#9
Fluorene
 Concen: 0.127 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. -0.01 min
 Lab File: BN008237.D
 Acq: 18 Oct 2019 00:46

Instrument :
 BNA_N
 ClientSampleId :
 BEPC6

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.8	76.6	115.0	
167	18.4	11.7	17.5	

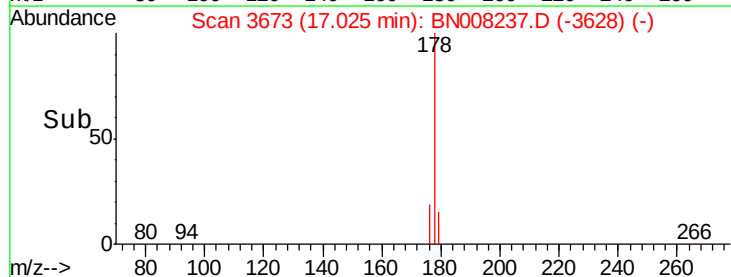
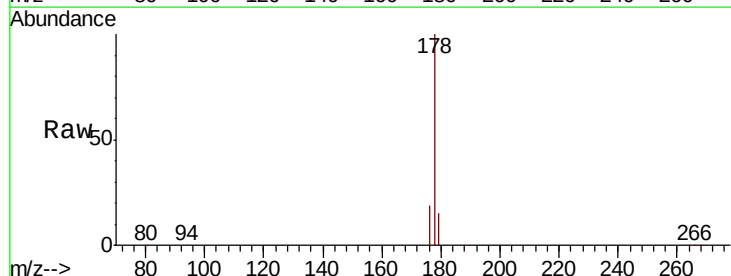
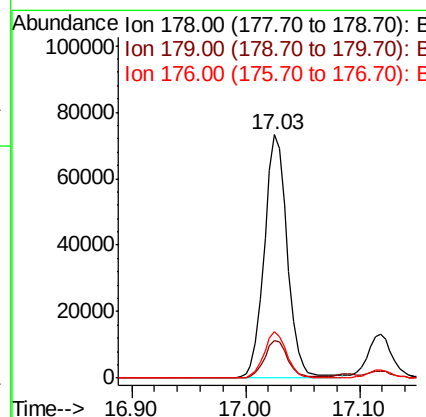
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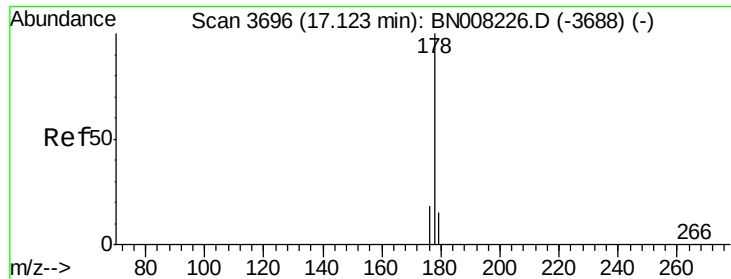
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#12
Phenanthrene
 Concen: 1.781 ng/ul
 RT: 17.03 min Scan# 3673
 Delta R.T. -0.01 min
 Lab File: BN008237.D
 Acq: 18 Oct 2019 00:46

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
179	15.4	12.8	19.2	
176	18.8	15.4	23.2	





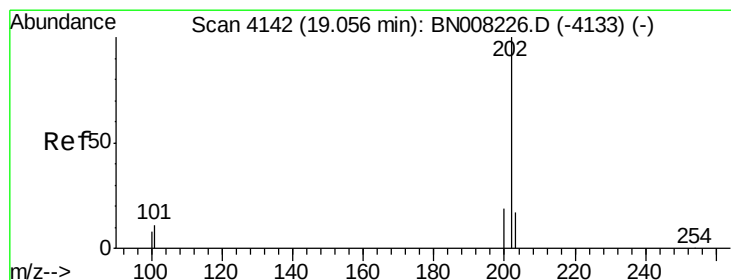
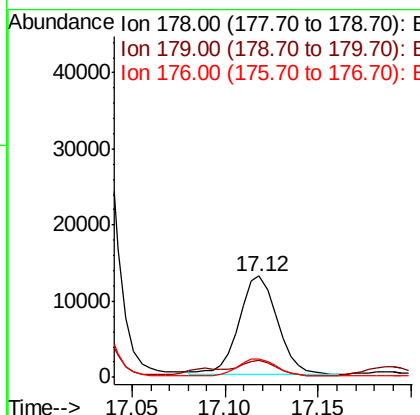
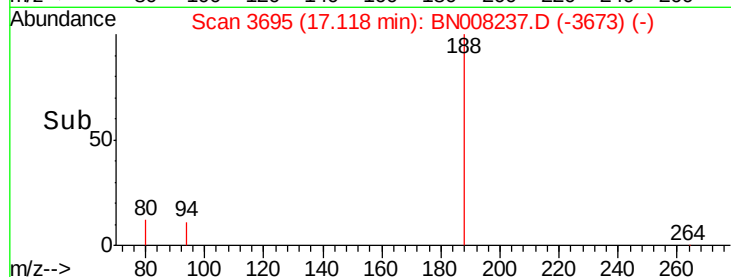
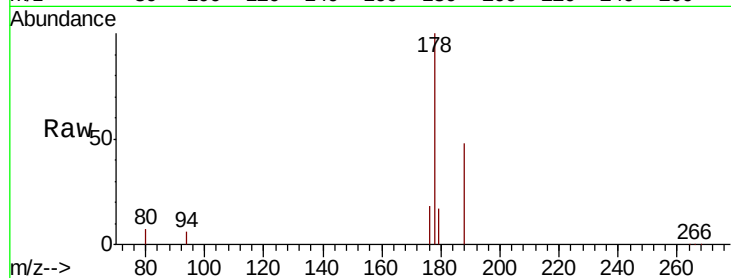
#13
 Anthracene
 Concen: 0.363 ng/ul
 RT: 17.12 min Scan# 3695
 Delta R.T. -0.01 min
 Lab File: BN008237.D
 Acq: 18 Oct 2019 00:46

Instrument :
 BNA_N
 ClientSampleId :
 BEPC6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	18.4	15.0	22.6

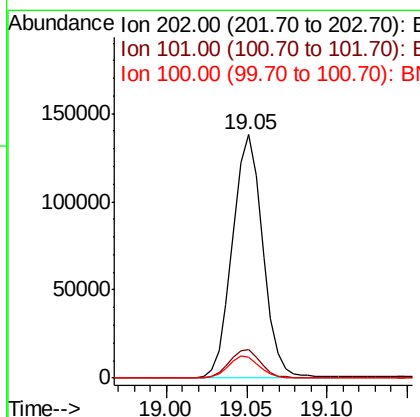
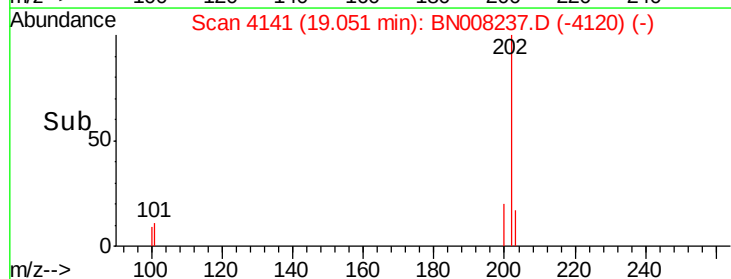
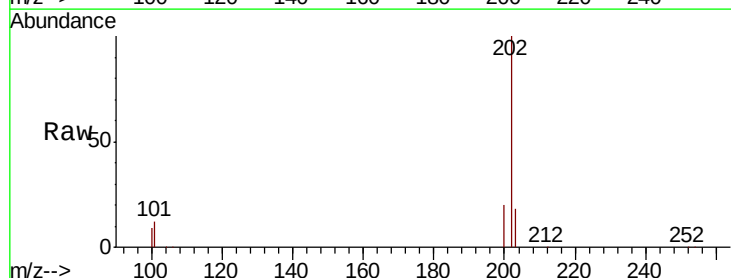
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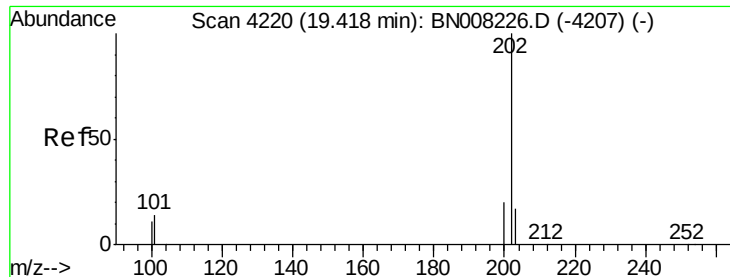
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#15
 Fluoranthene
 Concen: 2.376 ng/ul
 RT: 19.05 min Scan# 4141
 Delta R.T. -0.00 min
 Lab File: BN008237.D
 Acq: 18 Oct 2019 00:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
100	8.7	0.0	28.5





#17

Pyrene

Concen: 3.338 ng/ul

RT: 19.41 min Scan# 4219

Delta R.T. -0.00 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Instrument :

BNA_N

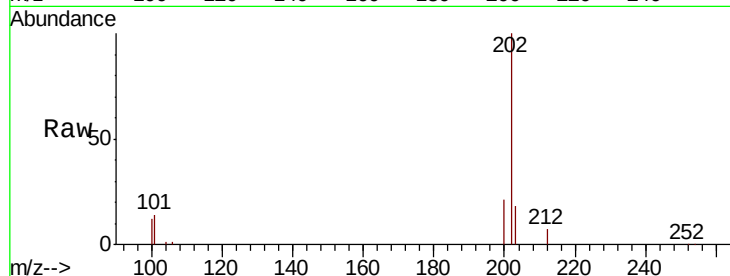
ClientSampleId :

BEPC6

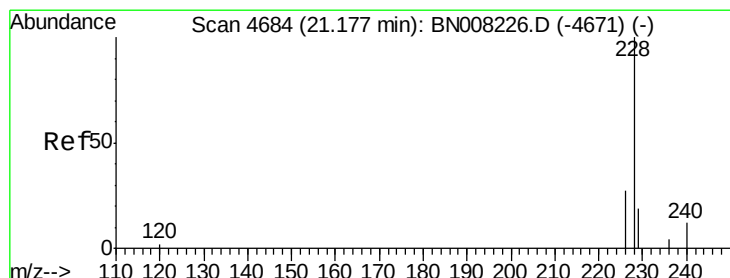
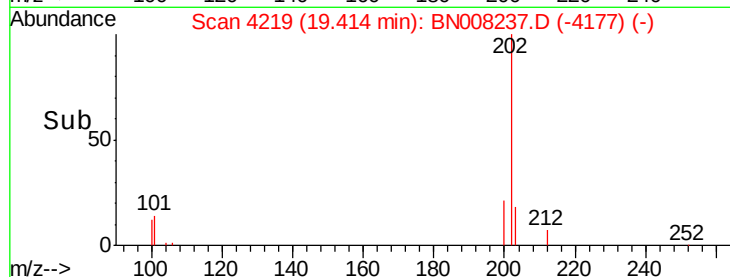
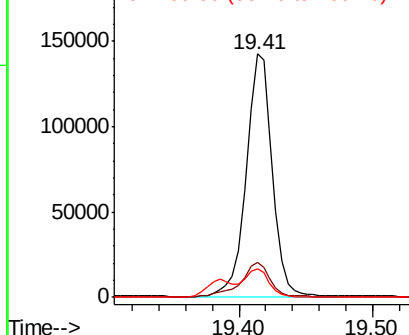
Tot Ion:	202	Resp:	193150
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.9	16.3
100	11.7	8.7	13.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 1.684 ng/ul

RT: 21.17 min Scan# 4682

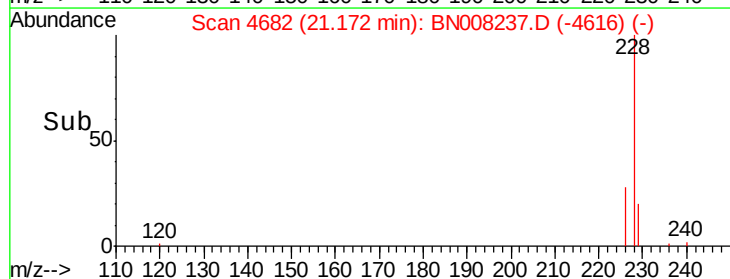
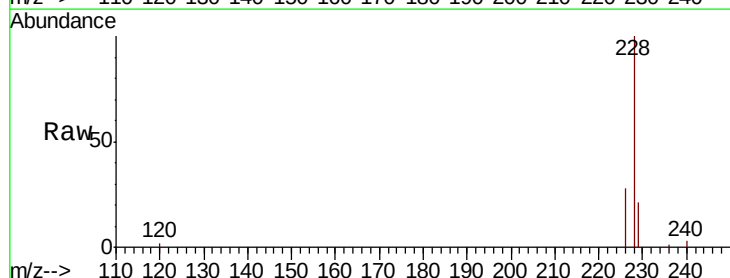
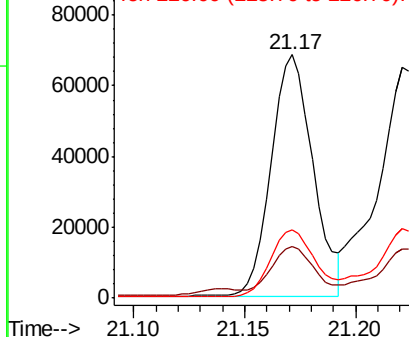
Delta R.T. -0.01 min

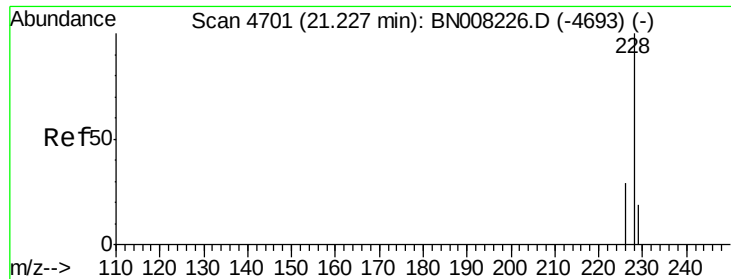
Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Tgt Ion:	228	Resp:	88964
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.2	24.2
226	28.3	21.4	32.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.536 ng/ul

RT: 21.22 min Scan# 4699

Delta R.T. -0.01 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:228 Resp: 99570

Ion Ratio Lower Upper

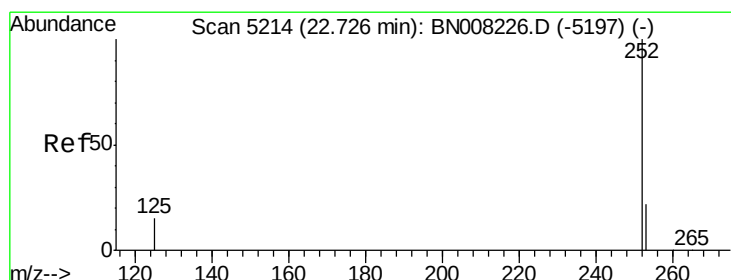
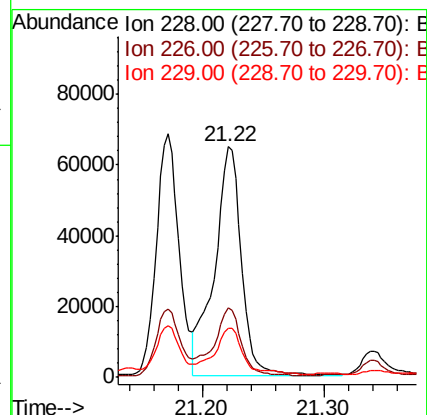
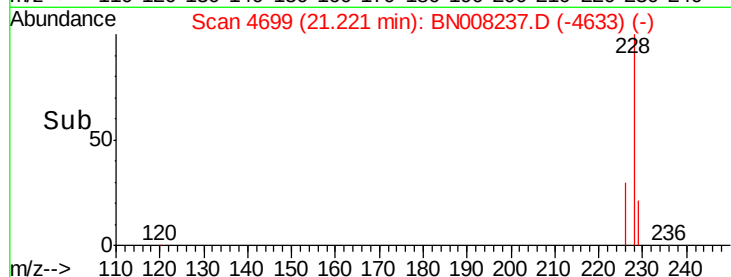
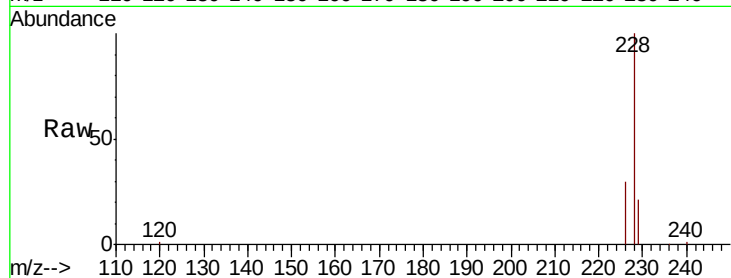
228 100

226 30.2 24.1 36.1

229 21.4 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 2.431 ng/ul m

RT: 22.72 min Scan# 5211

Delta R.T. -0.01 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

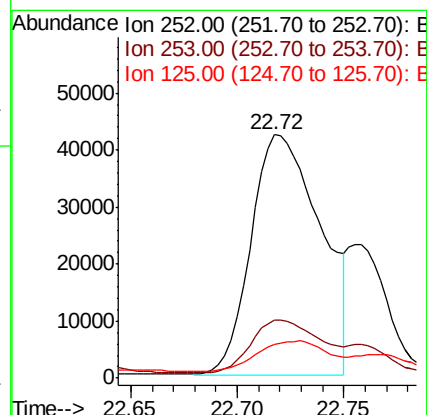
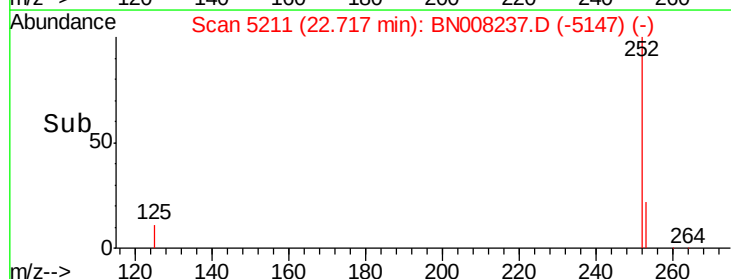
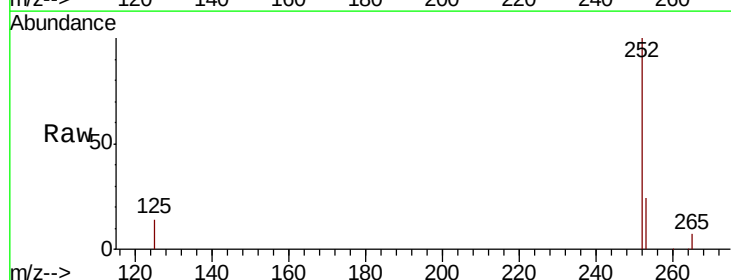
Tgt Ion:252 Resp: 95488

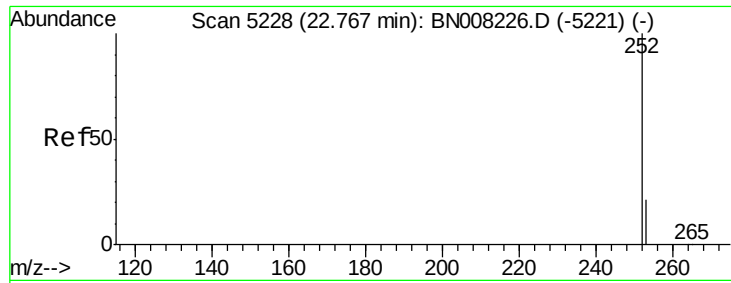
Ion Ratio Lower Upper

252 100

253 23.6 0.0 53.4

125 13.7 0.0 32.4





#22

Benzo(k)fluoranthene

Concen: 0.628 ng/ul m

RT: 22.76 min Scan# 5225

Delta R.T. -0.01 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Instrument :

BNA_N

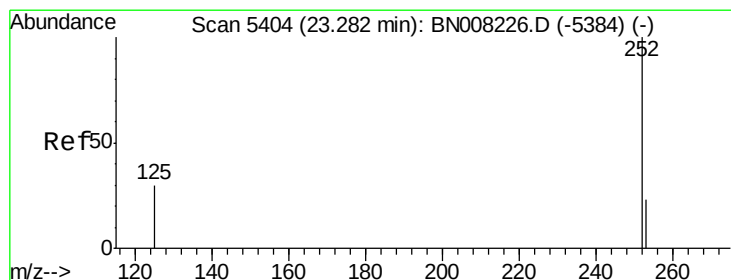
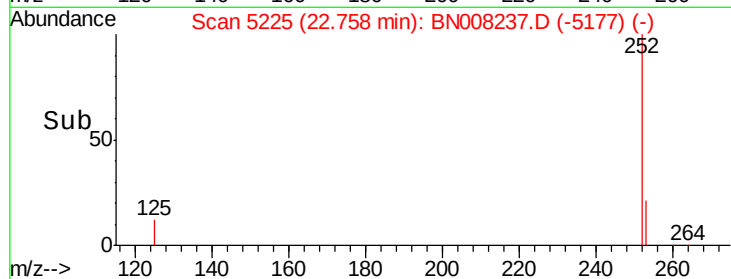
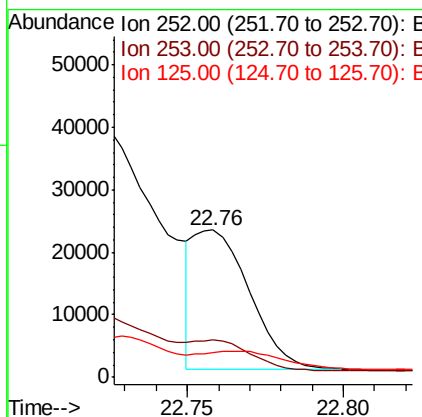
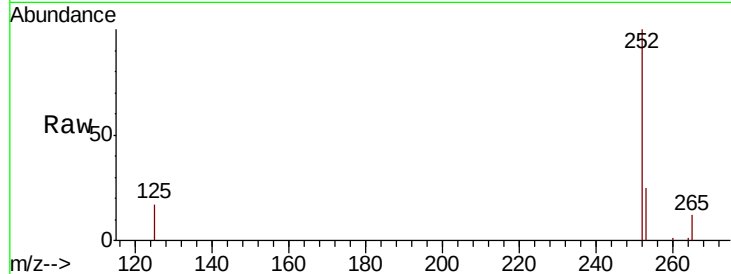
ClientSampleId :

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Tot Ion:	252	Resp:	27925
Ion Ratio	Lower	Upper	
252	100		
253	25.4	21.3	31.9
125	16.9	12.3	18.5

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#23

Benzo(a)pyrene

Concen: 1.620 ng/ul

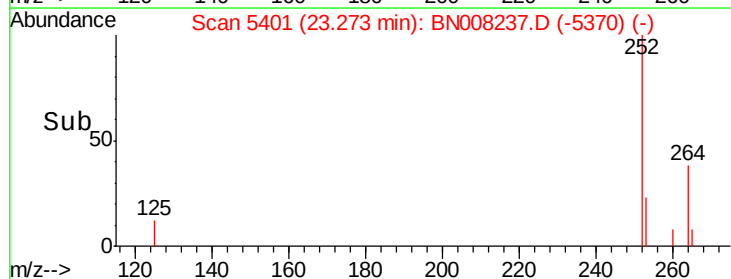
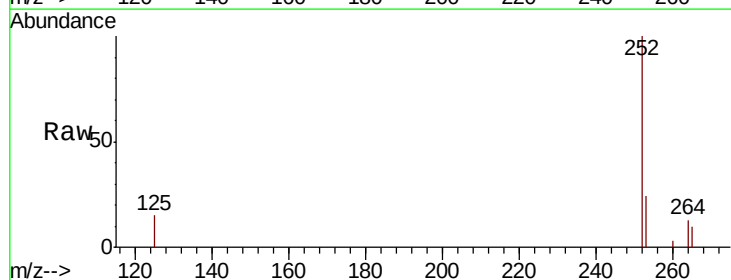
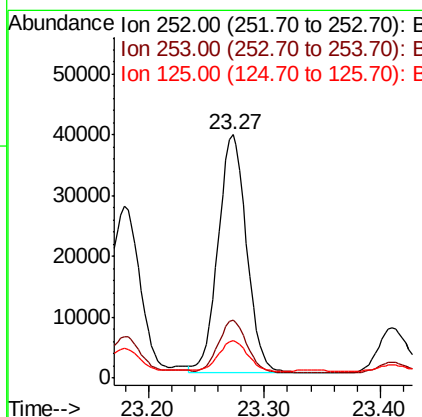
RT: 23.27 min Scan# 5401

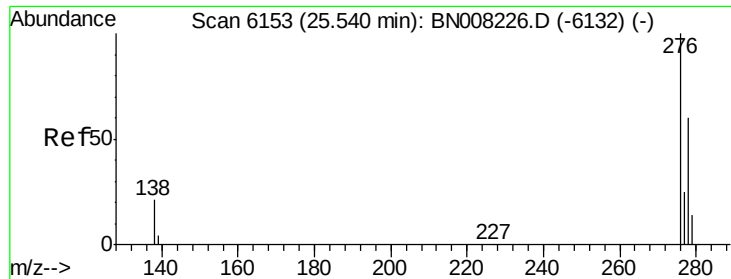
Delta R.T. -0.01 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Tgt Ion:	252	Resp:	66966
Ion Ratio	Lower	Upper	
252	100		
253	23.9	22.8	34.2
125	15.3	18.4	27.6#





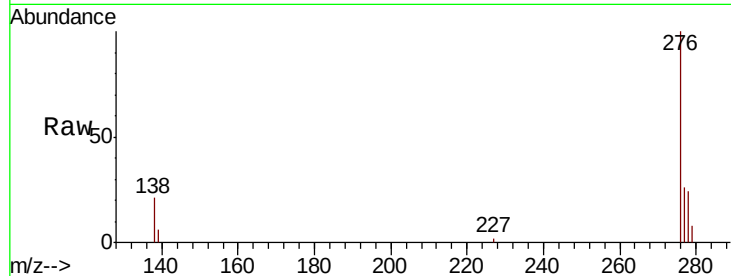
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.867 ng/ul
 RT: 25.53 min Scan# 6150
 Delta R.T. -0.01 min
 Lab File: BN008237.D
 Acq: 18 Oct 2019 00:46

Instrument :
 BNA_N
 ClientSampleId :
 BEPC6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.1	24.1
227	0.1	0.2	0.2

Manual Integrations
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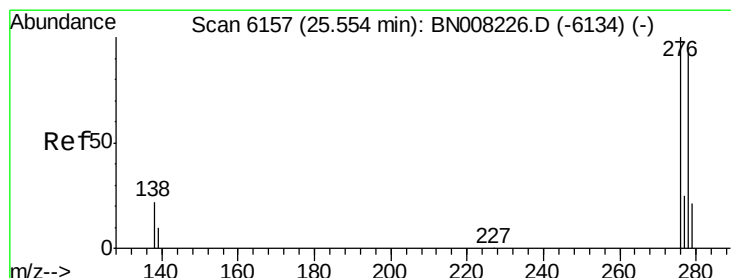
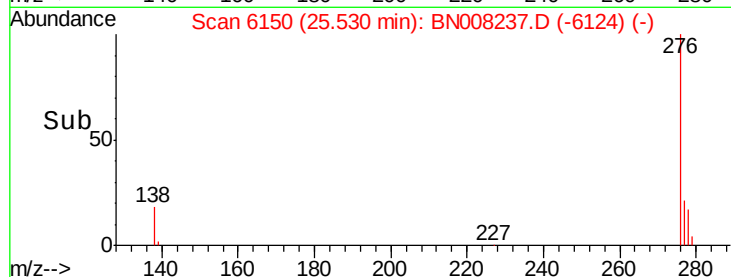
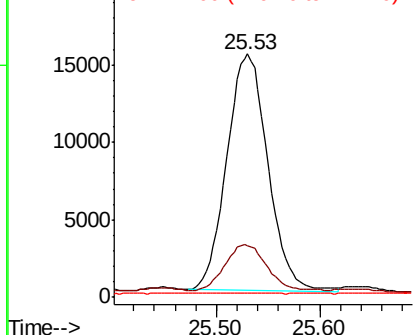


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.279 ng/ul
 RT: 25.54 min Scan# 6152
 Delta R.T. -0.02 min
 Lab File: BN008237.D
 Acq: 18 Oct 2019 00:46

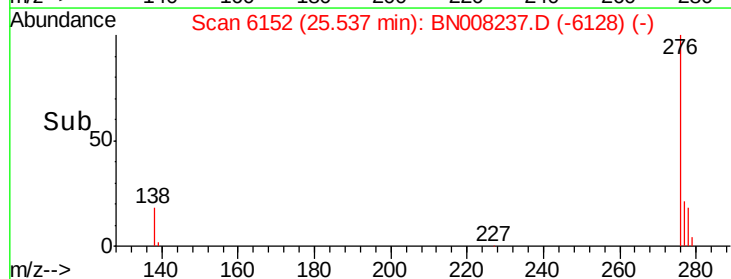
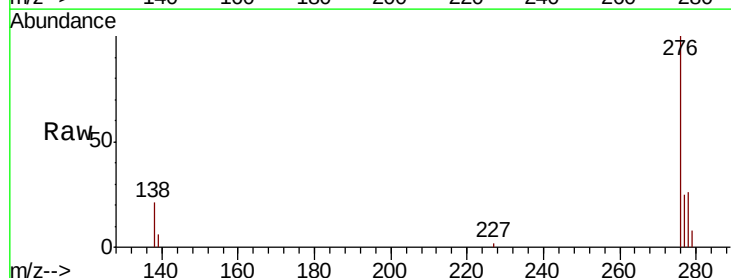
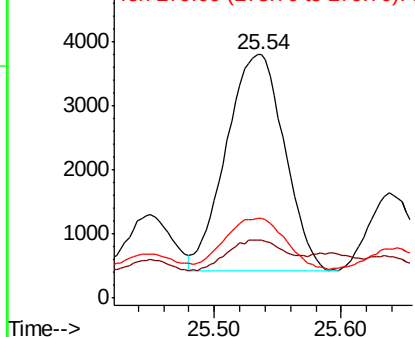
Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	15.0	22.6
279	32.9	22.4	33.6

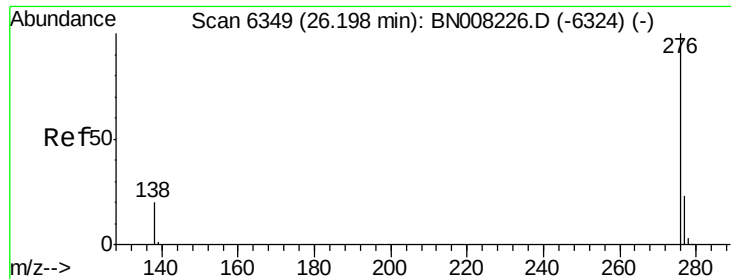
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





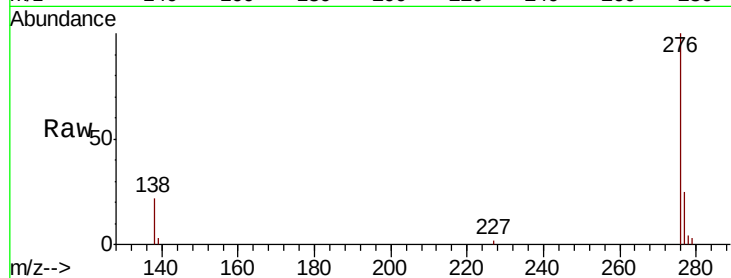
#26
Benzo(a,h,i)perylene
Concen: 0.954 ng/ul
RT: 26.19 min Scan# 6346
Delta R.T. -0.01 min
Lab File: BN008237.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_N
ClientSampleId :
BEPC6

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.4
277	25.1	20.4	30.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

