

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008239.D
 Acq On : 18 Oct 2019 01:57
 Operator : JU
 Sample : K5177-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC8

Manual Integrations
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Quant Time: Oct 18 04:10:05 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	2969	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14413	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8717	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18900m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	14705	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	11908	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3355	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	9740	0.15	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.95	152	1133	0.027	ng/ul#	82
8) Acenaphthene	14.30	153	2329	0.072	ng/ul	99
9) Fluorene	15.29	166	3147	0.086	ng/ul	98
12) Phenanthrene	17.03	178	116395	2.103	ng/ul	99
13) Anthracene	17.12	178	13353	0.274	ng/ul	99
15) Fluoranthene	19.05	202	329384	4.507	ng/ul	99
17) Pyrene	19.41	202	246808	4.215	ng/ul	99
18) Benzo(a)anthracene	21.17	228	96767	1.810	ng/ul	99
19) Chrysene	21.22	228	114070	1.739	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	123204m	3.178	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	39824m	0.907	ng/ul	
23) Benzo(a)pyrene	23.27	252	74806	1.834	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.52	276	57389	1.195	ng/ul	96
25) Dibenzo(a,h)anthracene	25.53	278	10989	0.289	ng/ul	94
26) Benzo(g,h,i)perylene	26.18	276	51533	1.170	ng/ul	99

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

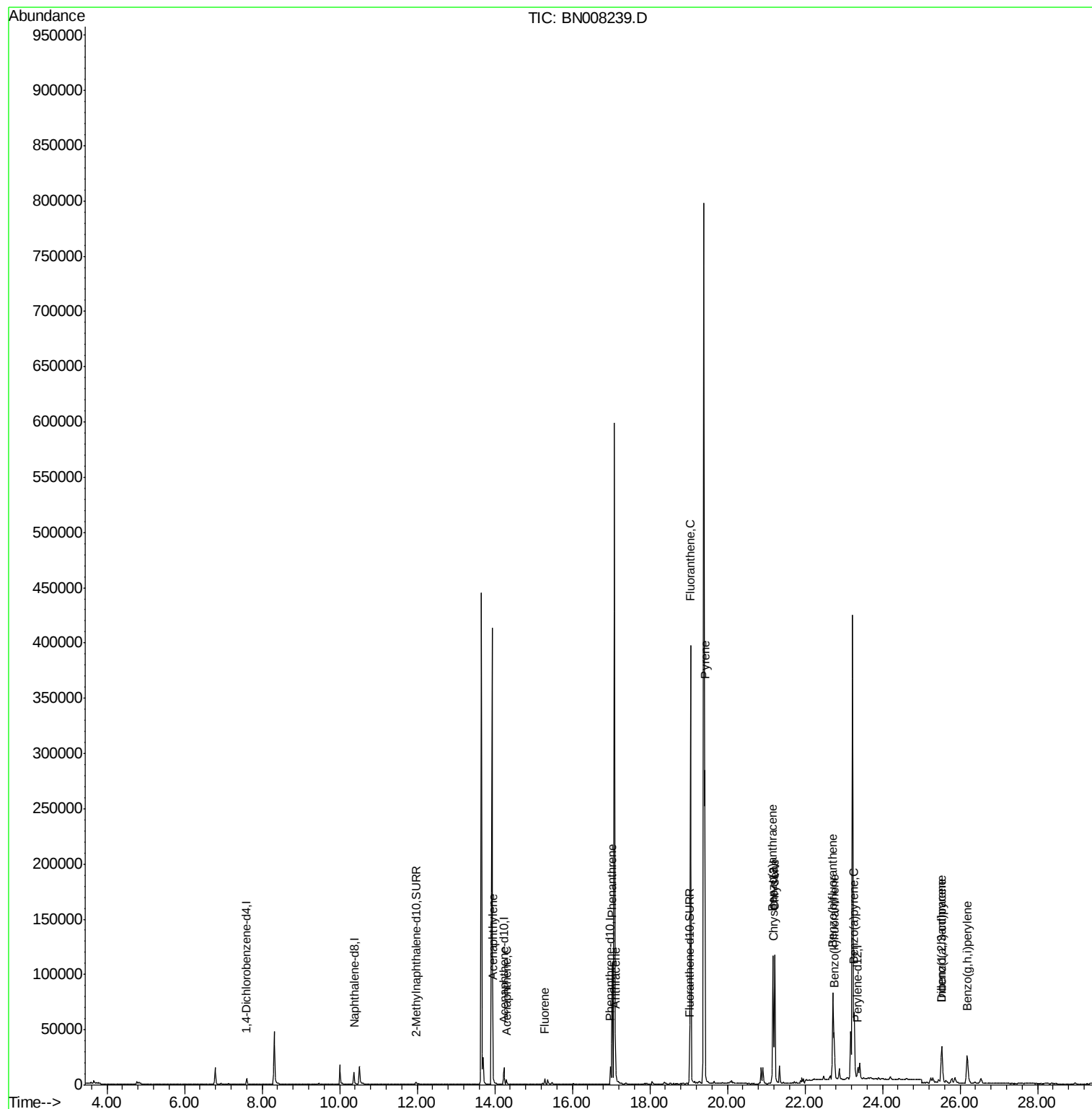
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008239.D
Acq On : 18 Oct 2019 01:57
Operator : JU
Sample : K5177-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

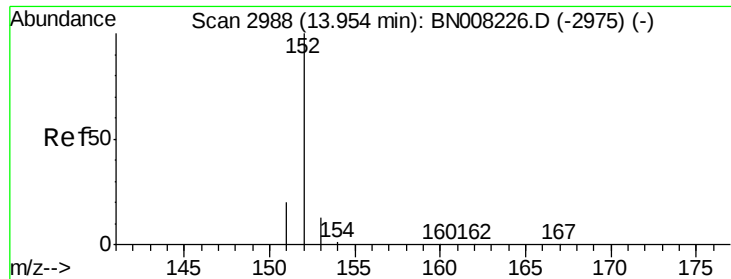
Instrument :
BNA_N
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BEPC8

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Quant Time: Oct 18 04:10:05 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





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Instrument :

BNA_N

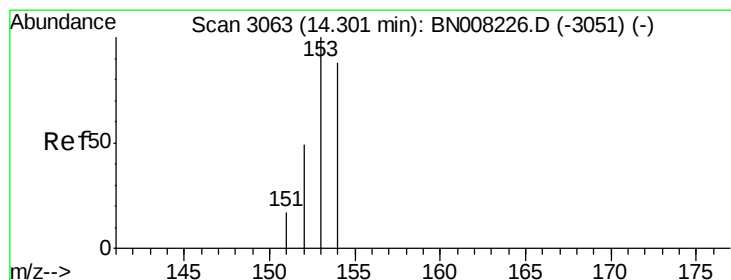
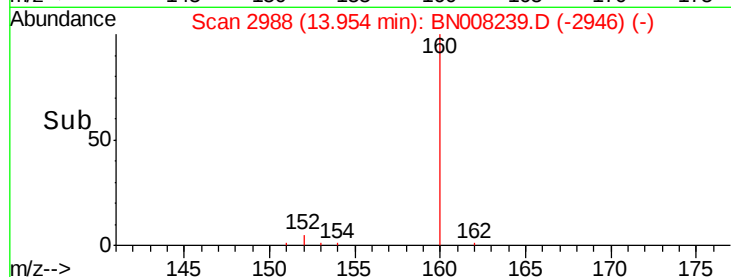
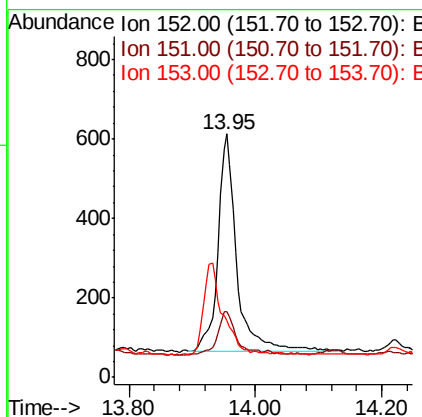
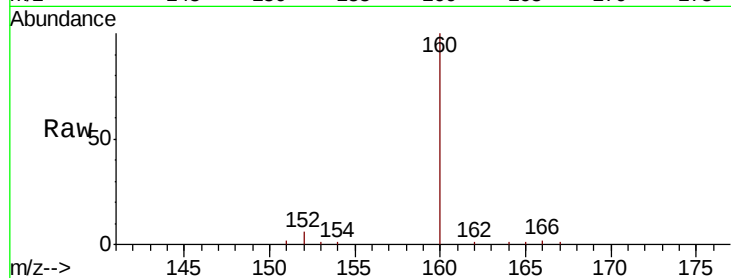
ClientSampleId :

BEPC8

Tot Ion:	152	Resp:	1133
Ion Ratio	Lower	Upper	
152	100		
151	26.9	16.2	24.4#
153	23.3	11.0	16.4#

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#8

Acenaphthene

Concen: 0.072 ng/ul

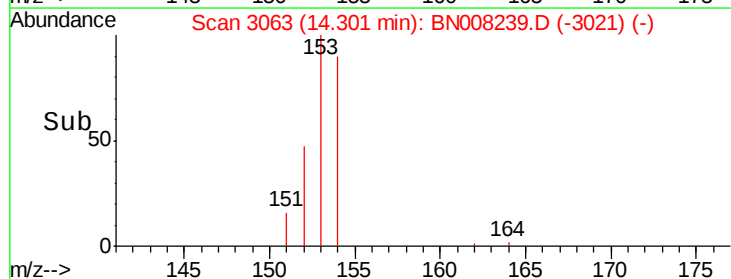
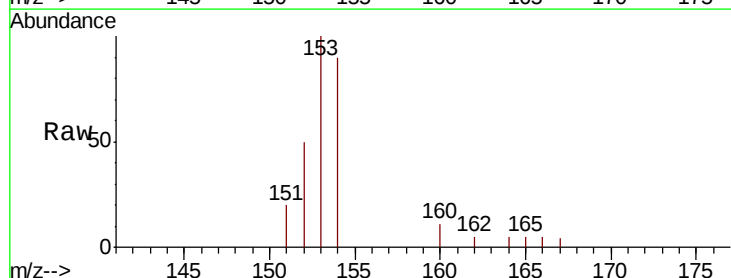
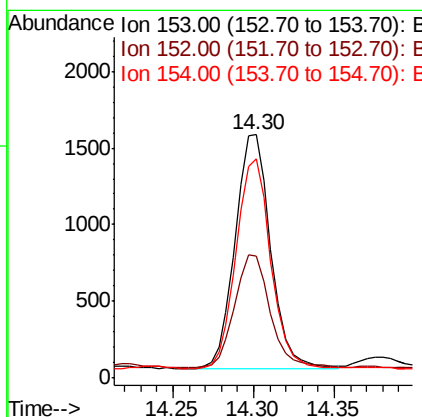
RT: 14.30 min Scan# 3063

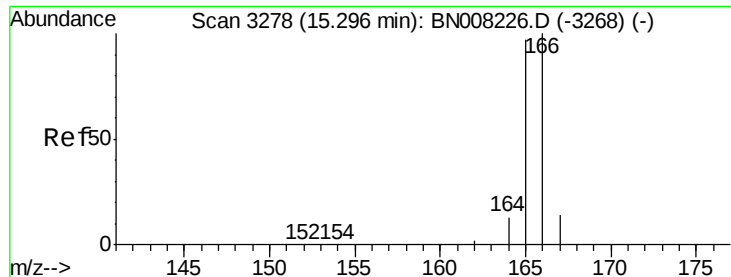
Delta R.T. -0.00 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Tgt Ion:	153	Resp:	2329
Ion Ratio	Lower	Upper	
153	100		
152	49.9	38.2	57.2
154	90.3	71.8	107.8





#9

Fluorene

Concen: 0.086 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Instrument :

BNA_N

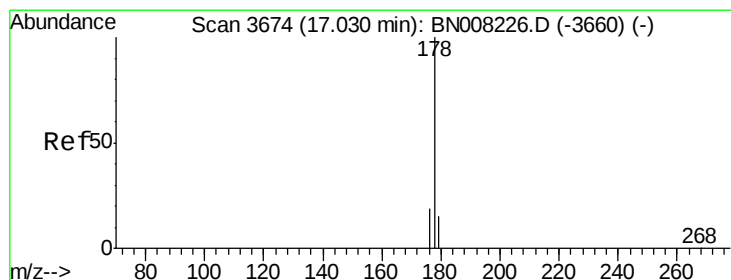
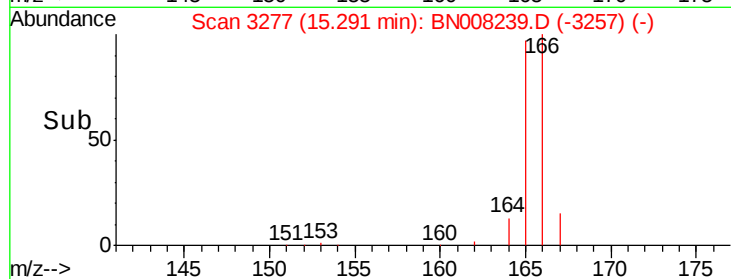
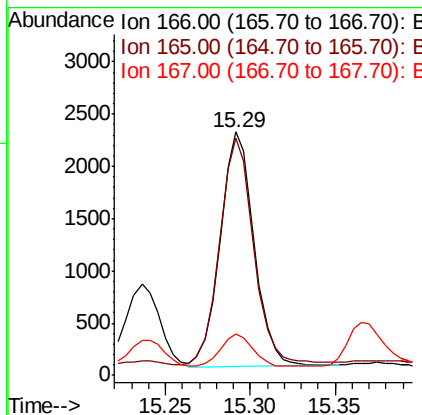
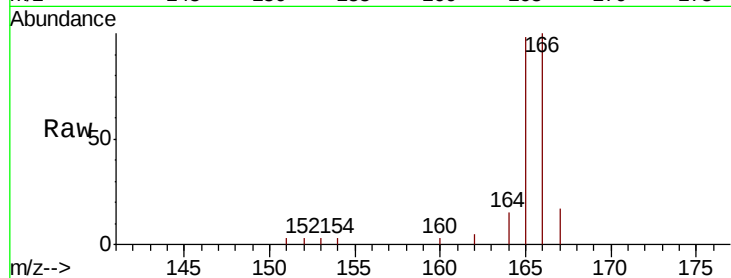
ClientSampleId :

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Tot Ion:	166	Resp:	3147
Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.6	115.0
167	16.9	11.7	17.5

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#12

Phenanthrene

Concen: 2.103 ng/ul

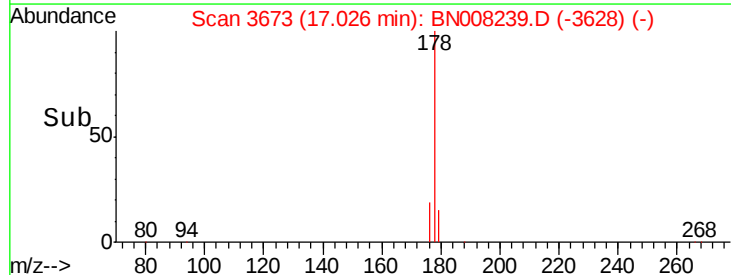
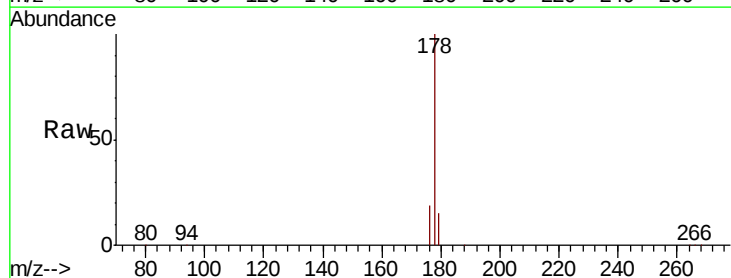
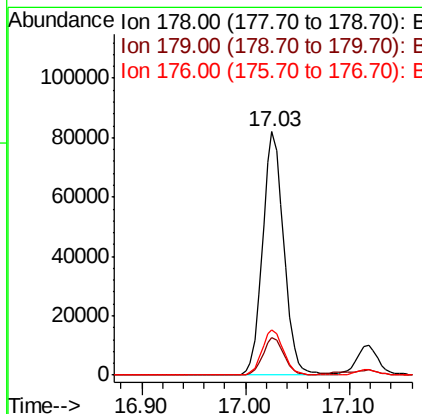
RT: 17.03 min Scan# 3673

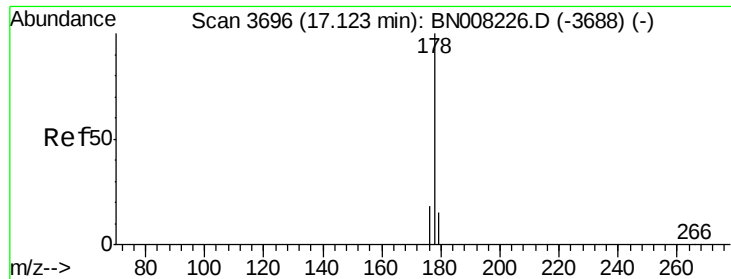
Delta R.T. -0.01 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Tgt Ion:	178	Resp:	116395
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.8	15.4	23.2





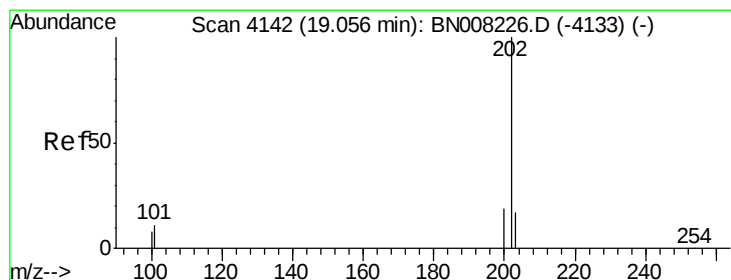
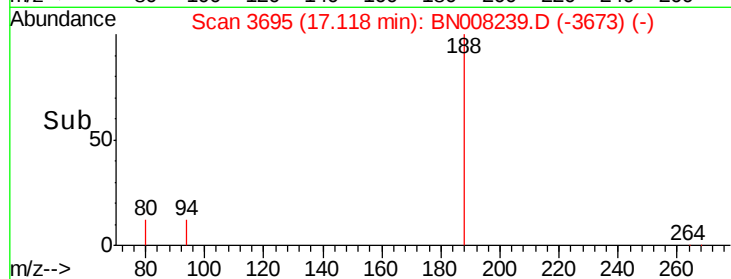
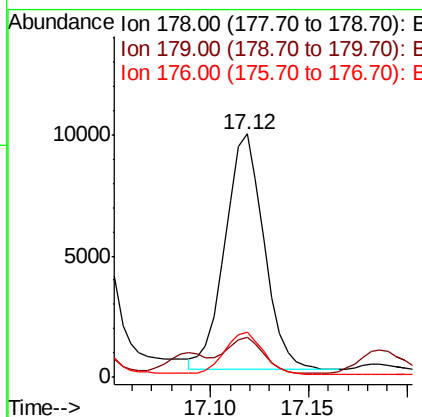
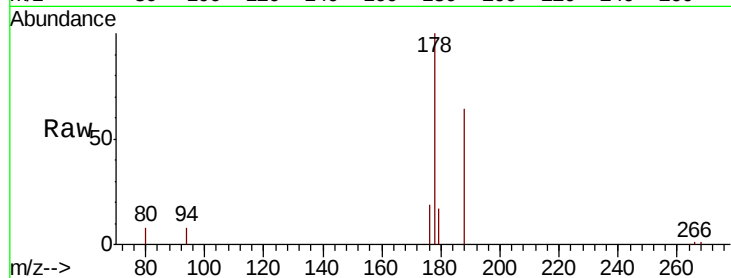
#13
 Anthracene
 Concen: 0.274 ng/ul
 RT: 17.12 min Scan# 3695
 Delta R.T. -0.01 min
 Lab File: BN008239.D
 Acq: 18 Oct 2019 01:57

Instrument :
 BNA_N
 ClientSampleId :
 BEPC8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.6
176	18.6	15.0	22.6

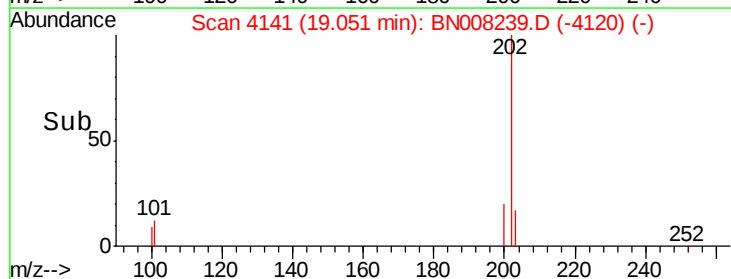
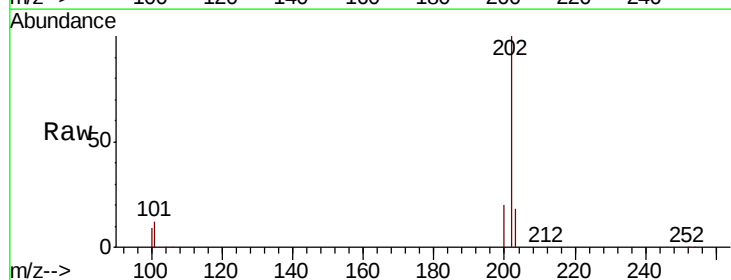
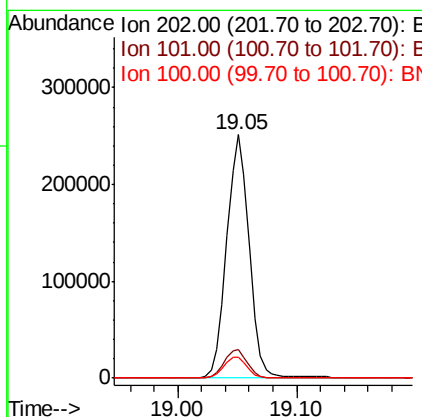
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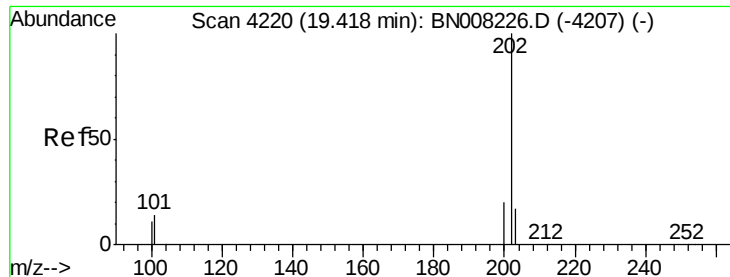
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#15
 Fluoranthene
 Concen: 4.507 ng/ul
 RT: 19.05 min Scan# 4141
 Delta R.T. -0.00 min
 Lab File: BN008239.D
 Acq: 18 Oct 2019 01:57

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





#17

Pvrene

Concen: 4.215 ng/ul

RT: 19.41 min Scan# 4219

Delta R.T. -0.00 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Instrument :

BNA_N

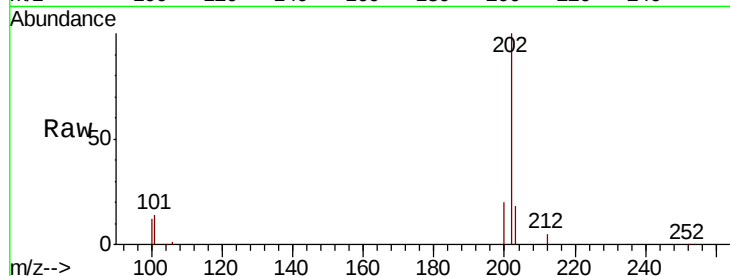
ClientSampleId :

BEPC8

Tot Ion:	202	Resp:	246808
Ion Ratio	Lower	Upper	
202	100		
101	14.1	10.9	16.3
100	11.6	8.7	13.1

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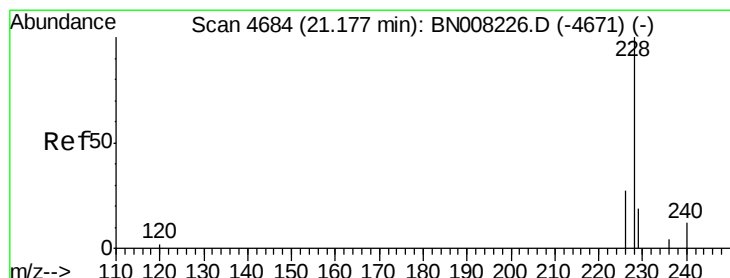
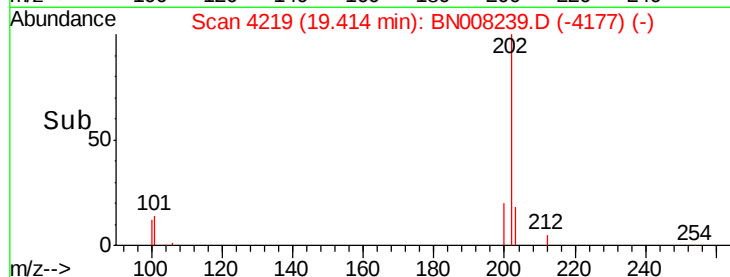
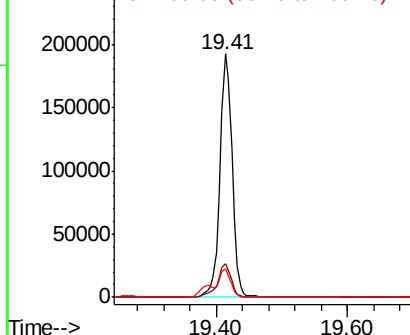


Abundance

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): E



#18

Benzo(a)anthracene

Concen: 1.810 ng/ul

RT: 21.17 min Scan# 4681

Delta R.T. -0.01 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

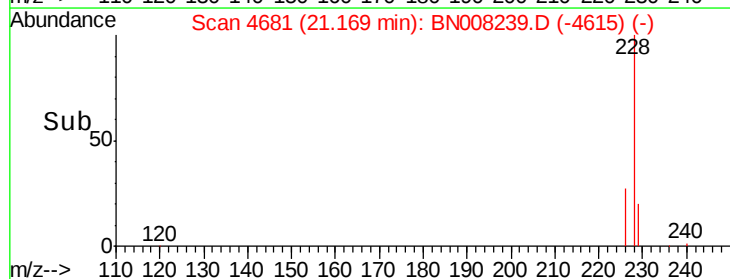
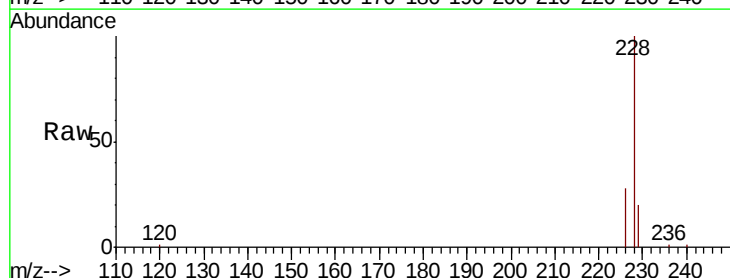
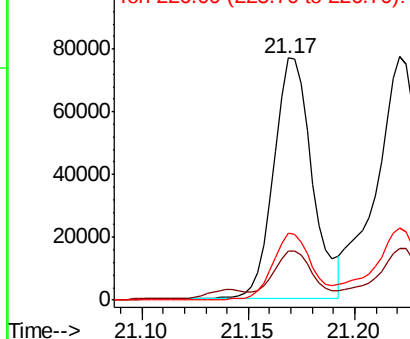
Tgt Ion:	228	Resp:	96767
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.2	24.2
226	27.5	21.4	32.0

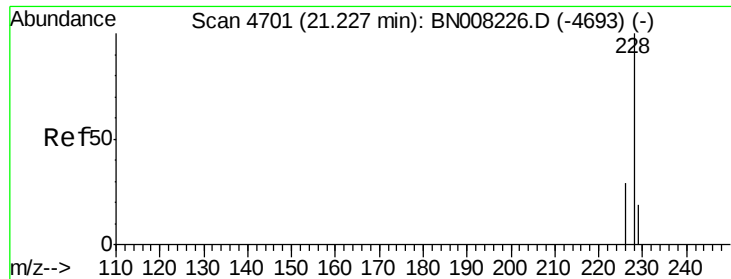
Abundance

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: 1.739 ng/ul

RT: 21.22 min Scan# 4699

Delta R.T. -0.01 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Instrument :

BNA_N

ClientSampled :

BEPC8

Tot Ion:228 Resp: 114070

Ion Ratio Lower Upper

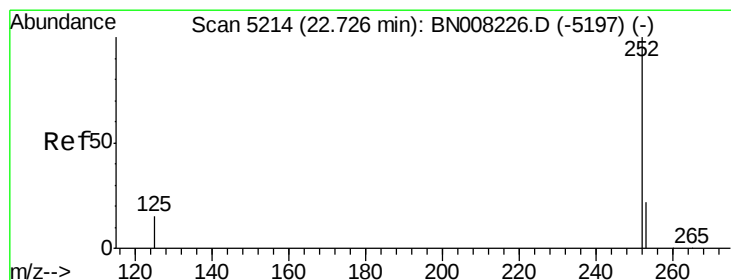
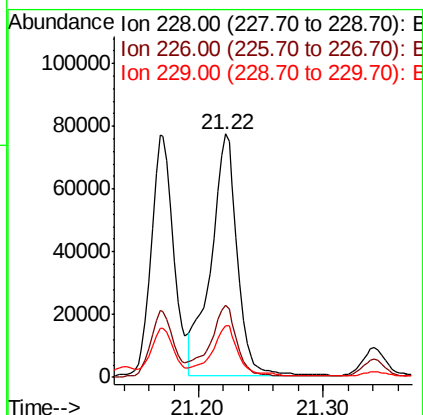
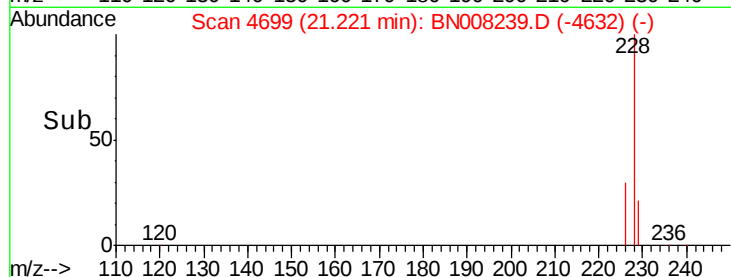
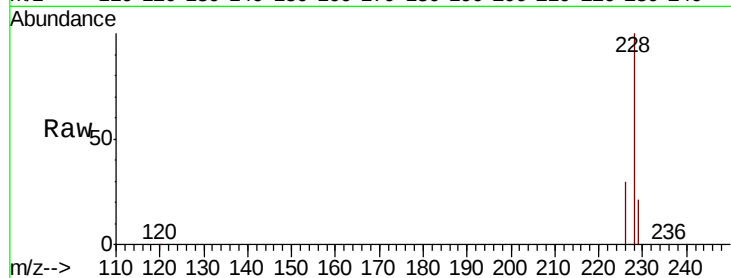
228 100

226 29.8 24.1 36.1

229 21.1 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 3.178 ng/ul m

RT: 22.72 min Scan# 5212

Delta R.T. -0.01 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

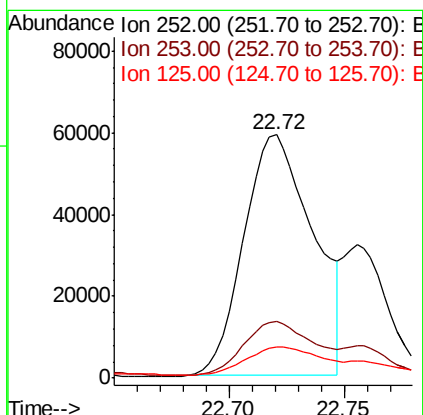
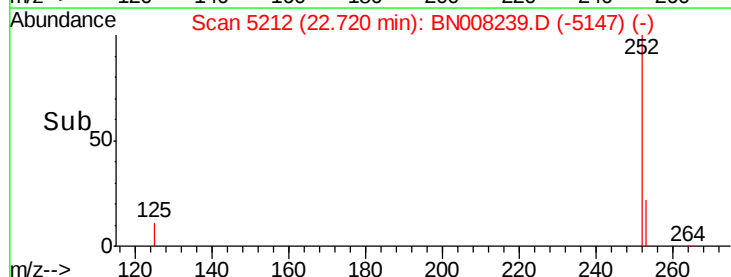
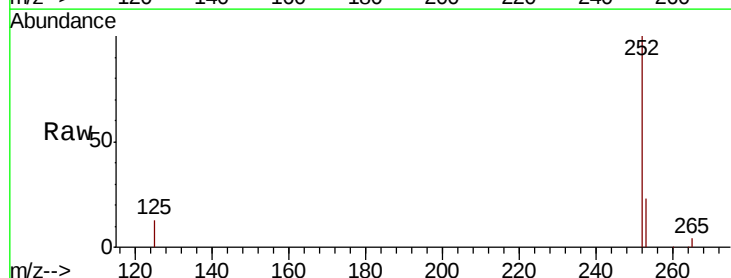
Tgt Ion:252 Resp: 123204

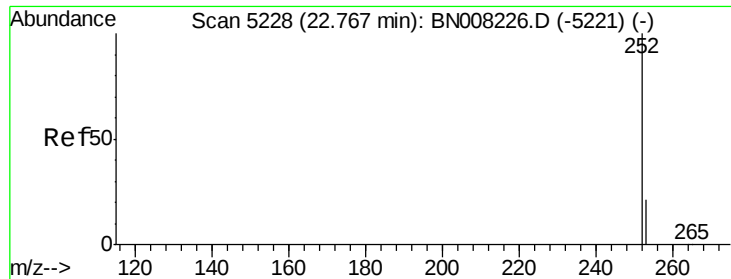
Ion Ratio Lower Upper

252 100

253 23.3 0.0 53.4

125 12.6 0.0 32.4





#22

Benzo(k)fluoranthene

Concen: 0.907 ng/ul m

RT: 22.76 min Scan# 5224

Delta R.T. -0.01 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Instrument :

BNA_N

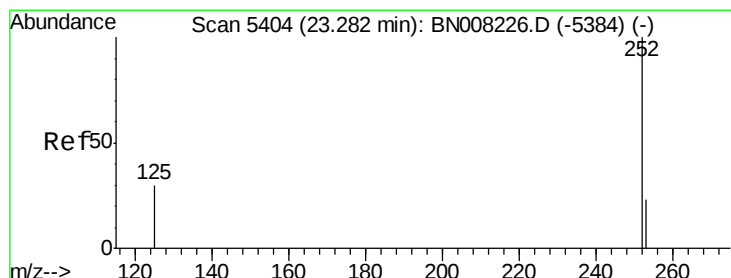
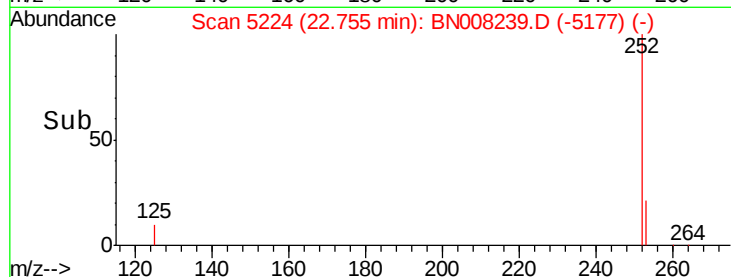
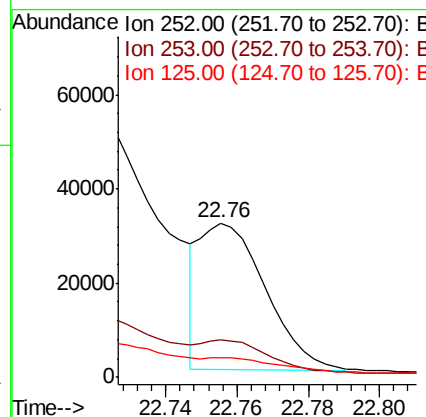
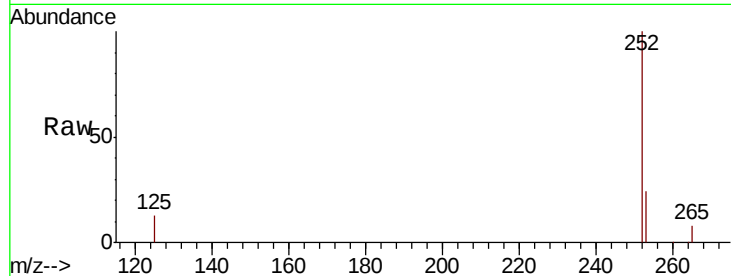
ClientSampleId :

BEPC8

Tot Ion:	252	Resp:	39824
Ion Ratio	Lower	Upper	
252	100		
253	24.2	21.3	31.9
125	12.7	12.3	18.5

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#23

Benzo(a)pyrene

Concen: 1.834 ng/ul

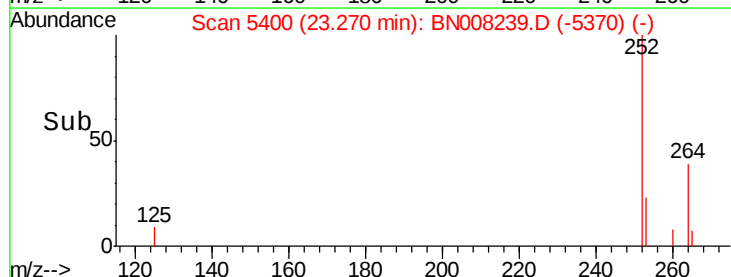
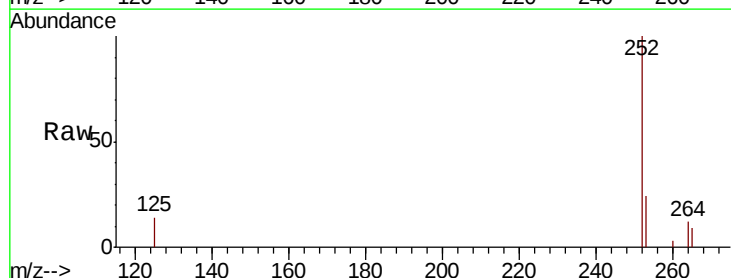
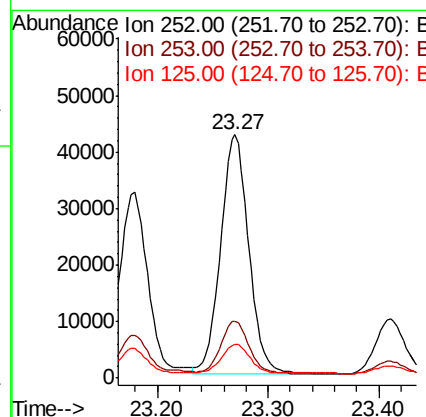
RT: 23.27 min Scan# 5400

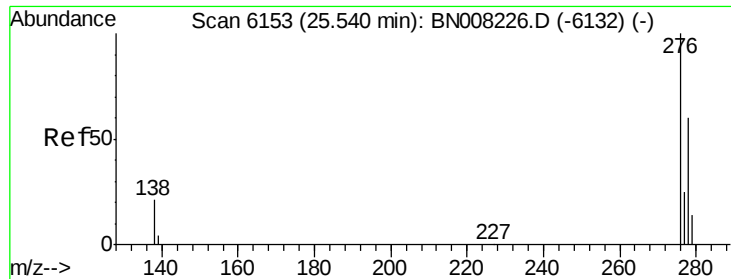
Delta R.T. -0.01 min

Lab File: BN008239.D

Acq: 18 Oct 2019 01:57

Tgt Ion:	252	Resp:	74806
Ion Ratio	Lower	Upper	
252	100		
253	23.5	22.8	34.2
125	13.8	18.4	27.6#





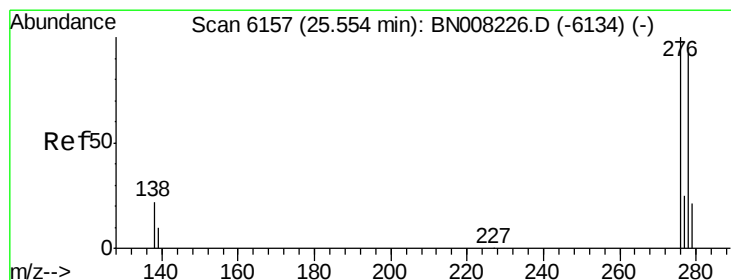
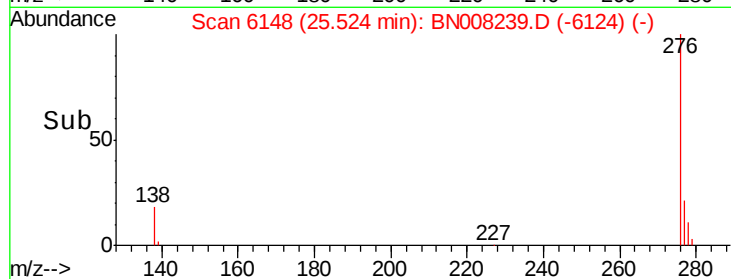
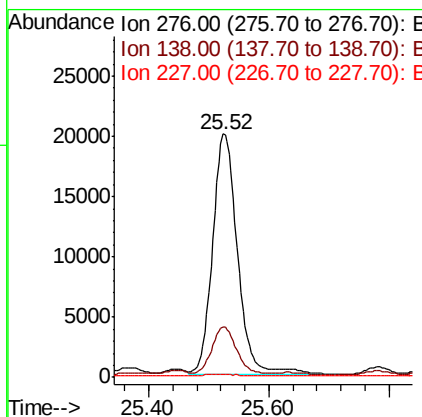
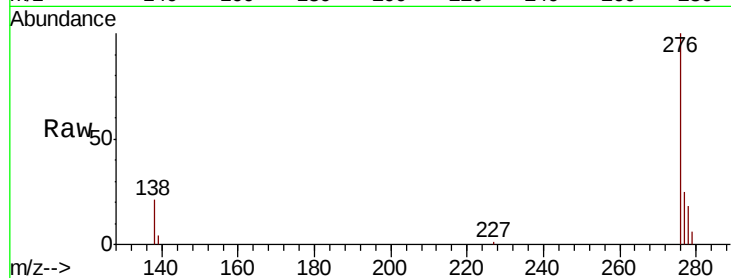
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.195 ng/ul
RT: 25.52 min Scan# 6148
Delta R.T. -0.02 min
Lab File: BN008239.D
Acq: 18 Oct 2019 01:57

Instrument :
BNA_N
ClientSampled :
BEPC8

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.1	24.1
227	0.2	0.2	0.2

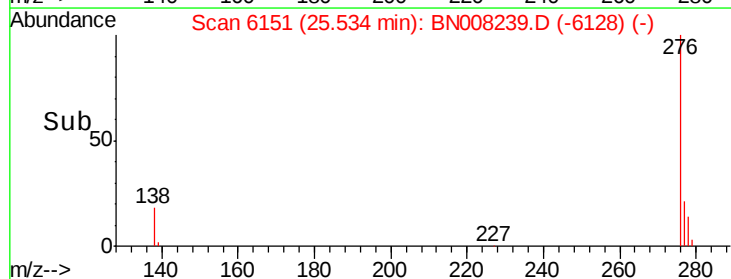
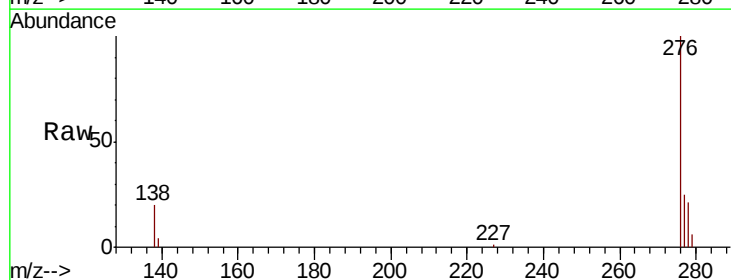
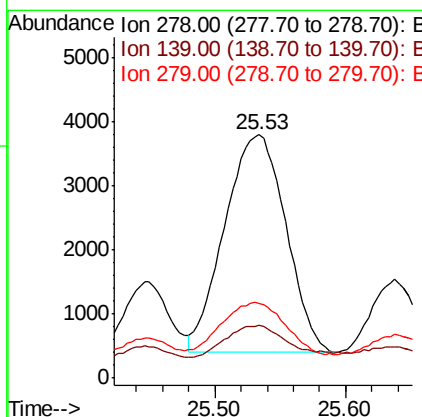
Manual Integrations
APPROVED

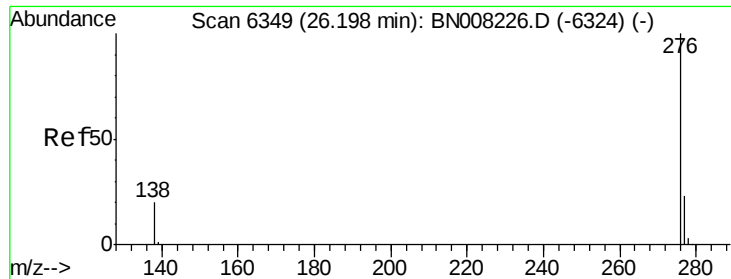
mohammad
10/20/2019 8:09:50 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.289 ng/ul
RT: 25.53 min Scan# 6151
Delta R.T. -0.02 min
Lab File: BN008239.D
Acq: 18 Oct 2019 01:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.0	22.6
279	30.7	22.4	33.6





#26
Benzo(a,h,i)perylene
Concen: 1.170 ng/ul
RT: 26.18 min Scan# 6345
Delta R.T. -0.02 min
Lab File: BN008239.D
Acq: 18 Oct 2019 01:57

Instrument :
BNA_N
ClientSampleId :
BEPC8

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.0	25.4
277	24.3	20.4	30.6

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