

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008238.D
 Acq On : 18 Oct 2019 01:21
 Operator : JU
 Sample : K5177-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC7

Manual Integrations
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Quant Time: Oct 18 04:05:52 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	3362	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16094	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9737	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	20851m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	14687	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12658	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3807	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	10285	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1356	0.030	ng/ul#	84
5) 2-Methylnaphthalene	12.04	142	685	0.022	ng/ul	99
7) Acenaphthylene	13.95	152	3913	0.084	ng/ul	96
8) Acenaphthene	14.30	153	933	0.026	ng/ul	96
9) Fluorene	15.29	166	1481	0.036	ng/ul#	96
12) Phenanthrene	17.03	178	31900	0.523	ng/ul	99
13) Anthracene	17.12	178	6239	0.116	ng/ul	98
15) Fluoranthene	19.05	202	87932	1.091	ng/ul	98
17) Pyrene	19.41	202	78356	1.340	ng/ul	97
18) Benzo(a)anthracene	21.17	228	36100	0.676	ng/ul	97
19) Chrysene	21.22	228	41989	0.641	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	45896m	1.114	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	15002m	0.321	ng/ul	
23) Benzo(a)pyrene	23.27	252	30657	0.707	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.53	276	22295	0.437	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.53	278	4927	0.122	ng/ul#	75
26) Benzo(a,h,i)perylene	26.19	276	20537	0.439	ng/ul	97

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

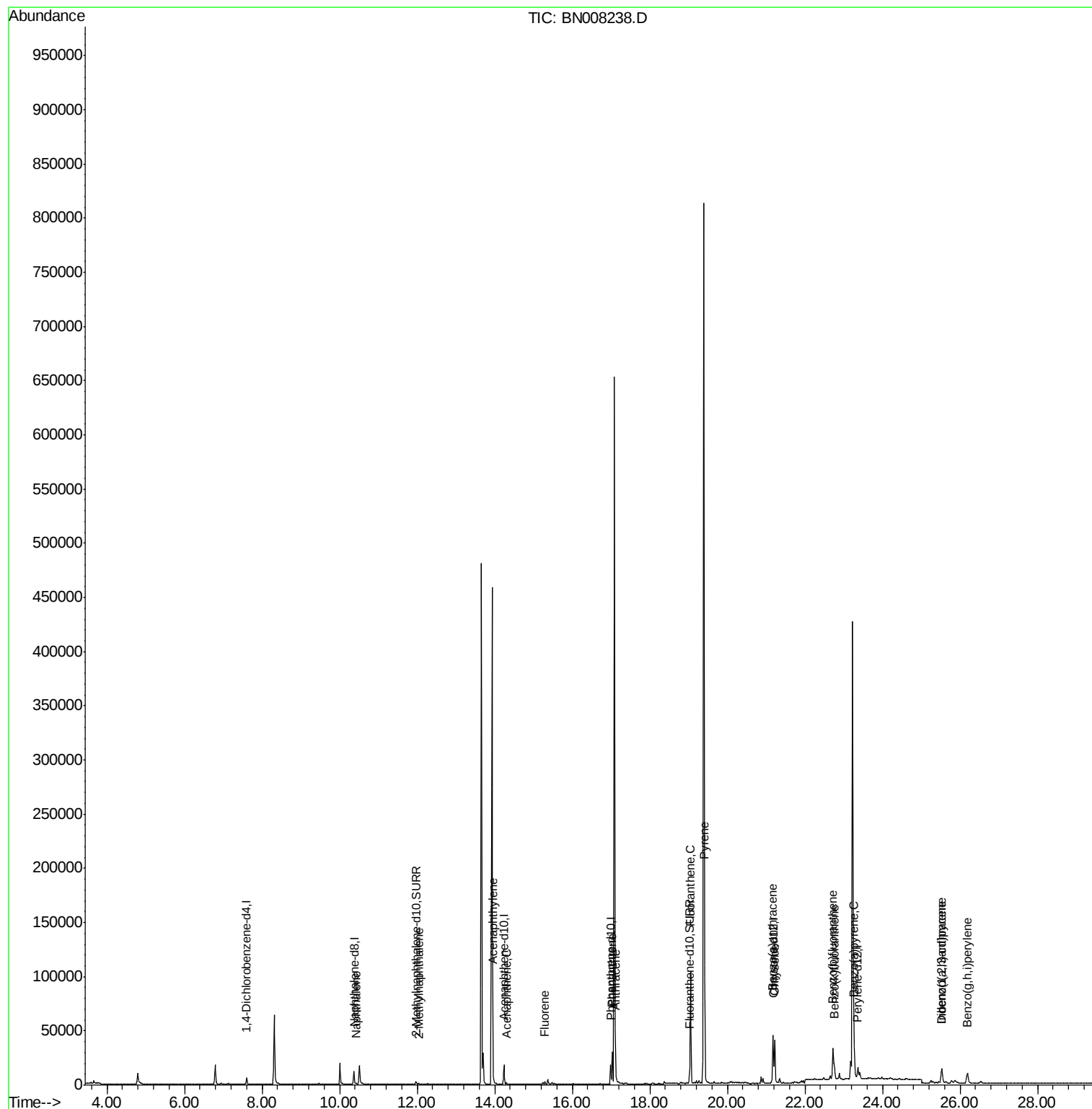
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008238.D
Acq On : 18 Oct 2019 01:21
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Misc :
ALS Vial : 26 Sample Multiplier: 1

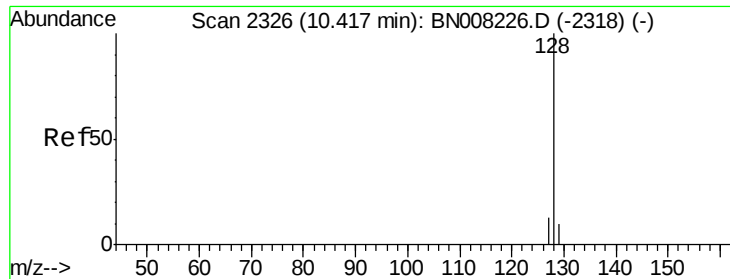
Instrument :
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Quant Time: Oct 18 04:05:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.030 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Instrument :

BNA_N

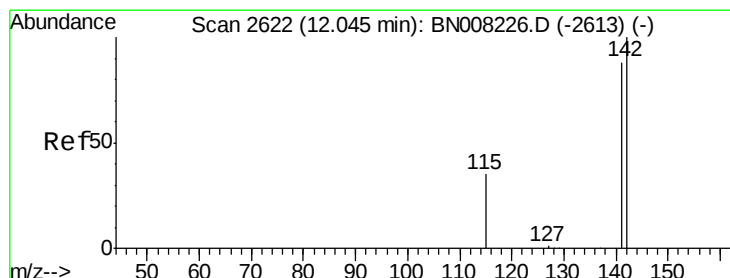
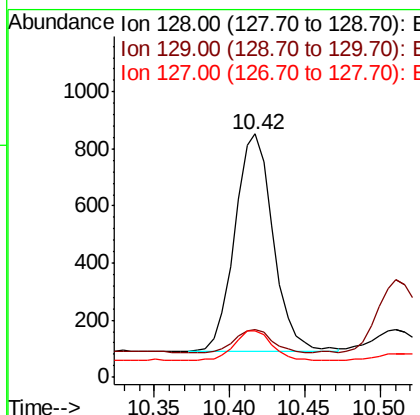
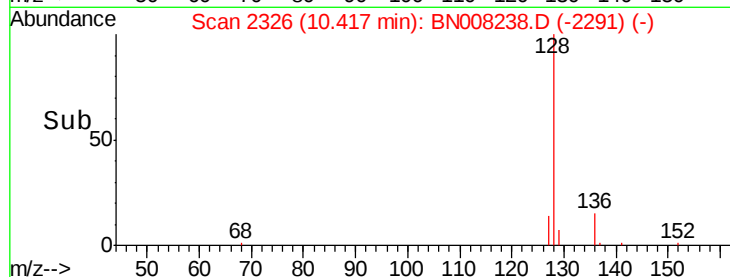
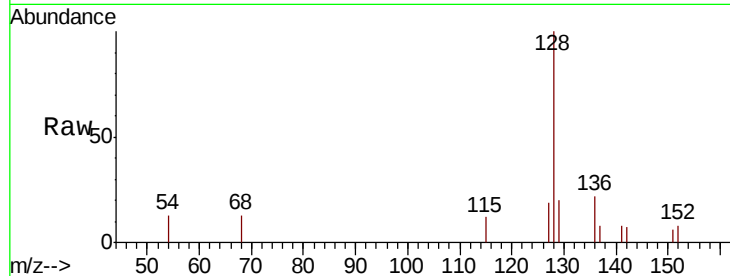
ClientSampleId :

BEPC7

Tot Ion:	128	Resp:	1356
Ion Ratio	Lower	Upper	
128	100		
129	19.8	9.8	14.8#
127	19.0	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

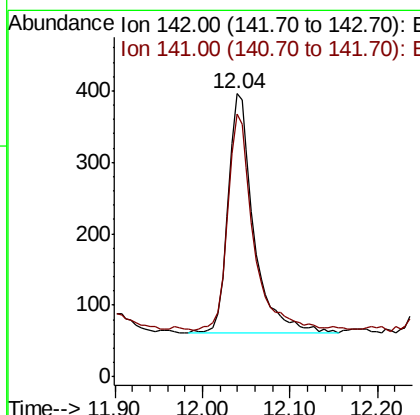
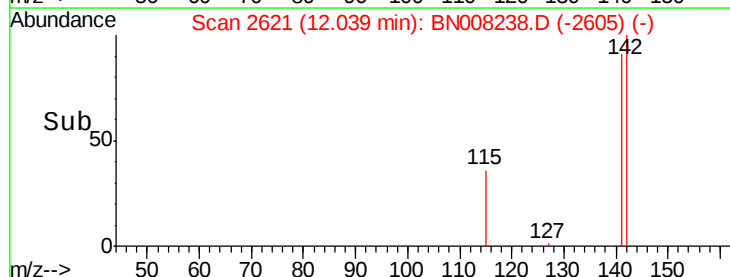
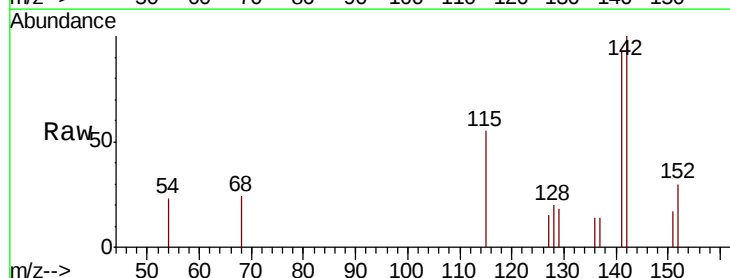
RT: 12.04 min Scan# 2621

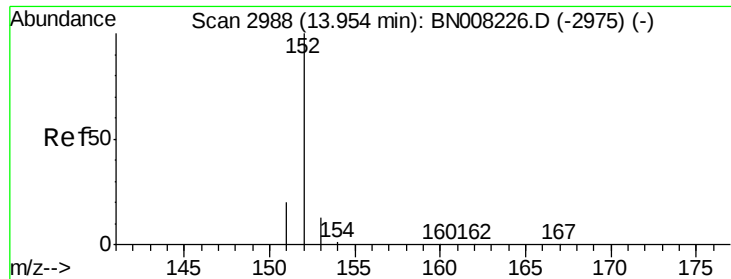
Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Tgt Ion:	142	Resp:	685
Ion Ratio	Lower	Upper	
142	100		
141	90.4	71.4	107.2





#7

Acenaphthylene

Concen: 0.084 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Instrument :

BNA_N

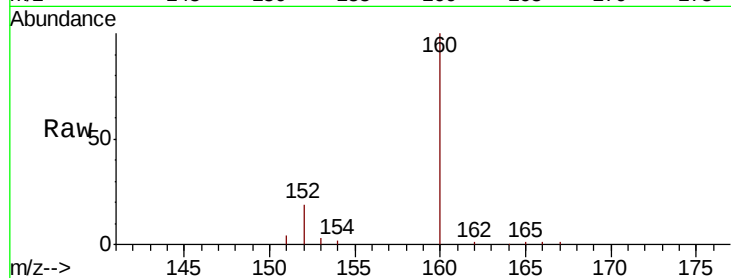
ClientSampleId :

BEPC7

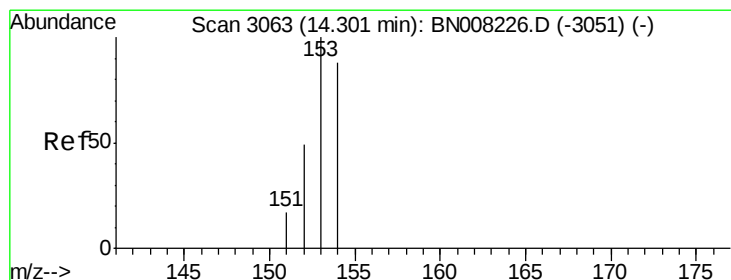
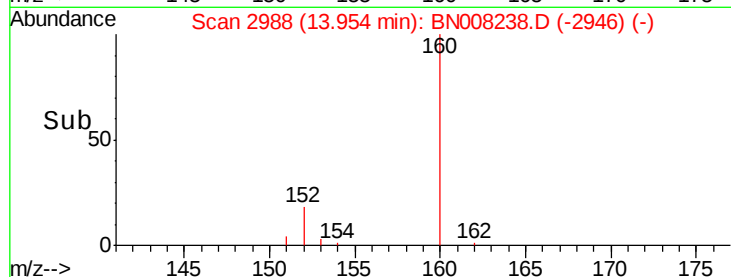
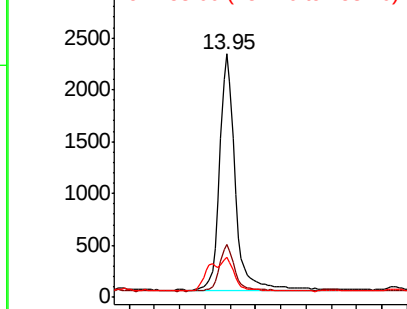
Tot Ion:	152	Resp:	3913
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.2	24.4
153	16.4	11.0	16.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.026 ng/ul

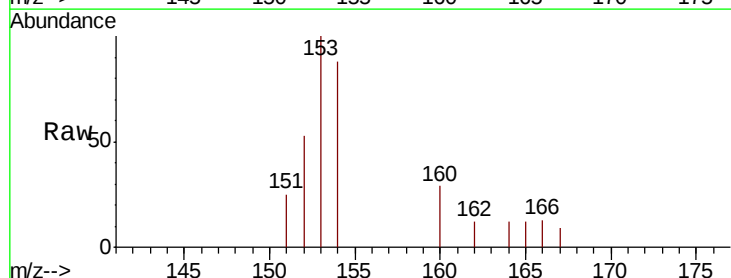
RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

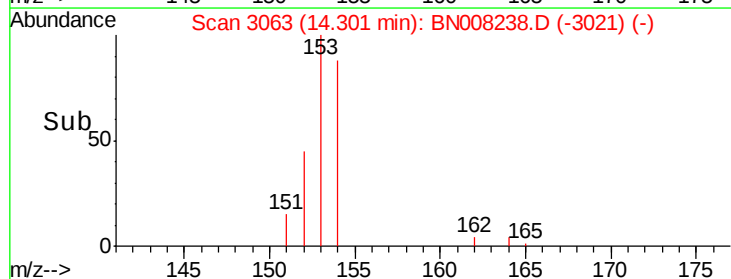
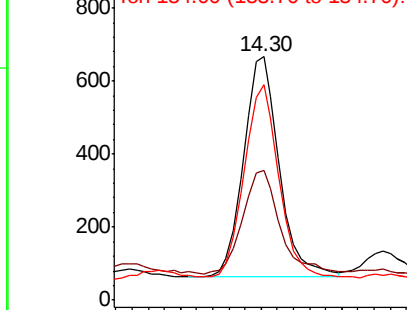
Lab File: BN008238.D

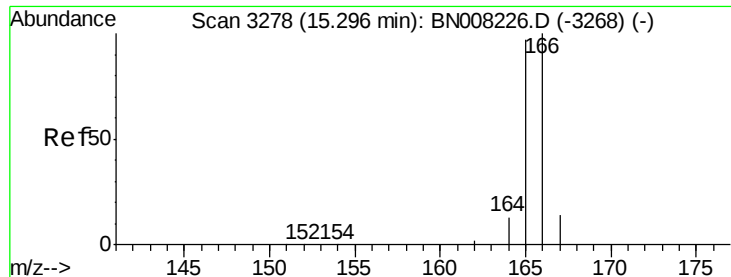
Acq: 18 Oct 2019 01:21

Tgt Ion:	153	Resp:	933
Ion Ratio	Lower	Upper	
153	100		
152	53.4	38.2	57.2
154	88.5	71.8	107.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





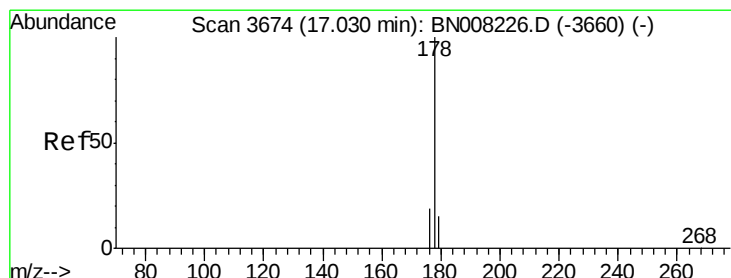
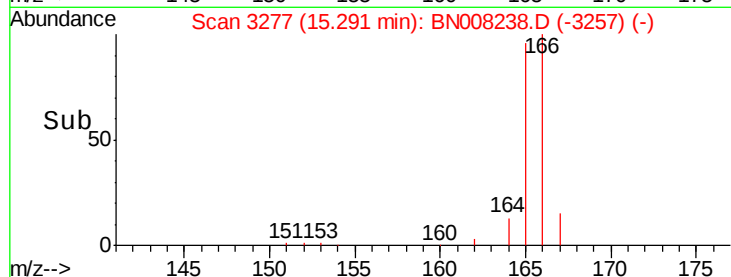
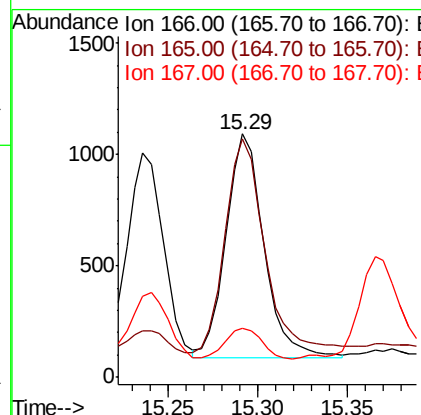
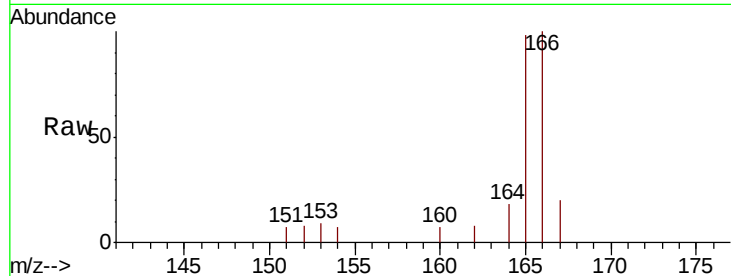
#9
Fluorene
 Concen: 0.036 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. -0.01 min
 Lab File: BN008238.D
 Acq: 18 Oct 2019 01:21

Instrument :
 BNA_N
 ClientSampleId :
 BEPC7

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.6	115.0
167	20.3	11.7	17.5#

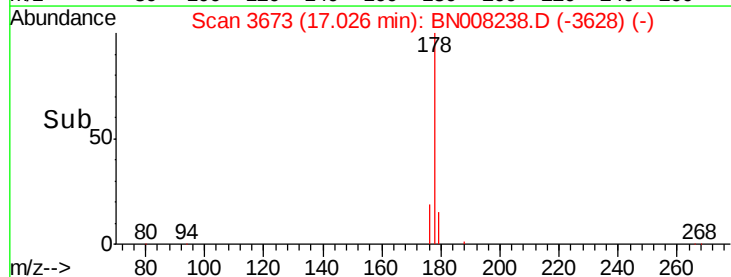
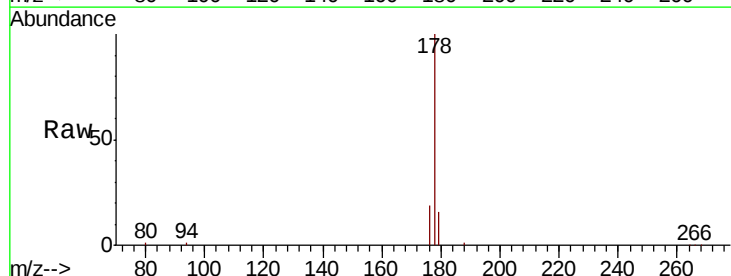
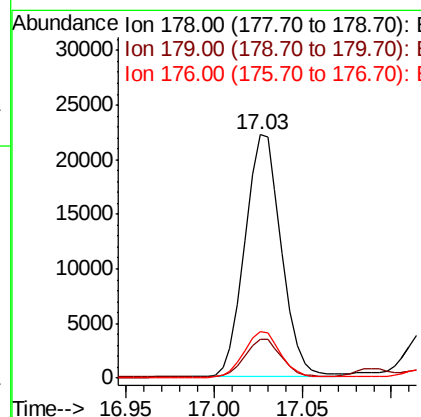
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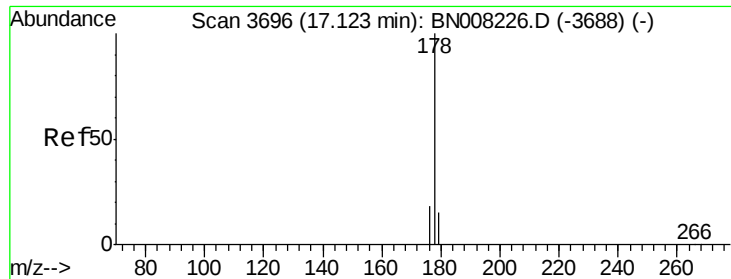
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#12
Phenanthrene
 Concen: 0.523 ng/ul
 RT: 17.03 min Scan# 3673
 Delta R.T. -0.01 min
 Lab File: BN008238.D
 Acq: 18 Oct 2019 01:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.0	15.4	23.2





#13

Anthracene

Concen: 0.116 ng/ul

RT: 17.12 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Instrument :

BNA_N

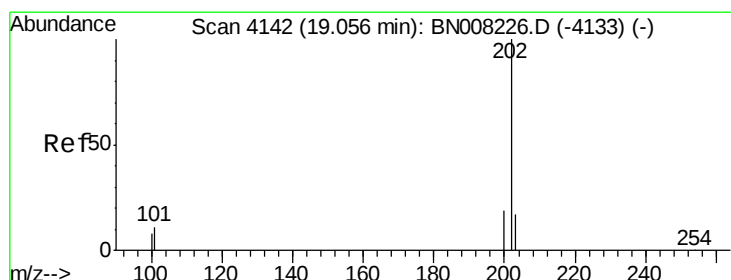
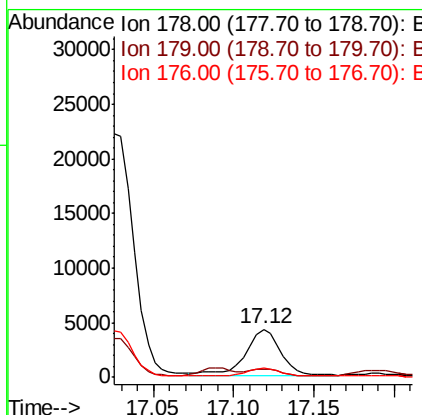
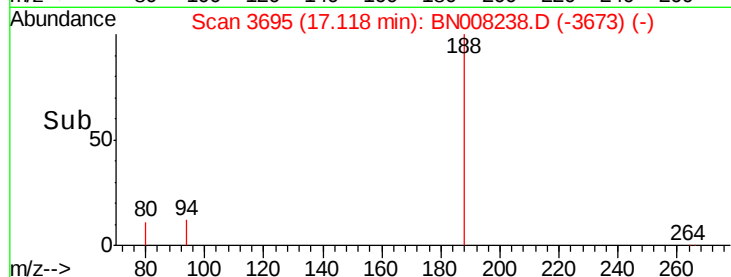
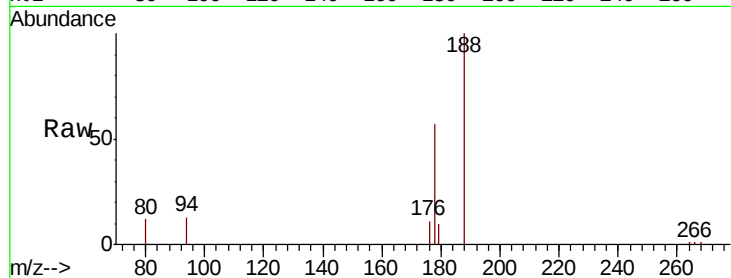
ClientSampled :

BEPC7

Tot Ion:	178	Resp:	6239
Ion Ratio	Lower	Upper	
178	100		
179	17.9	13.0	19.6
176	19.3	15.0	22.6

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#15

Fluoranthene

Concen: 1.091 ng/ul

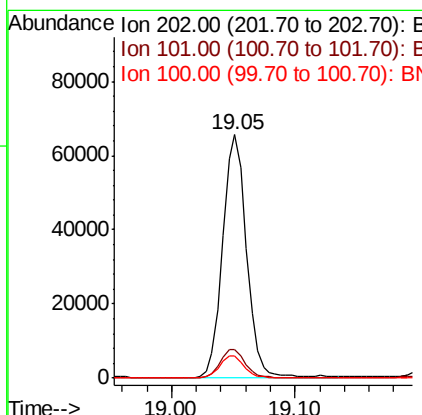
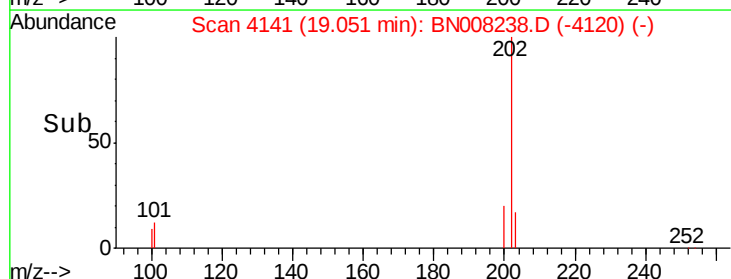
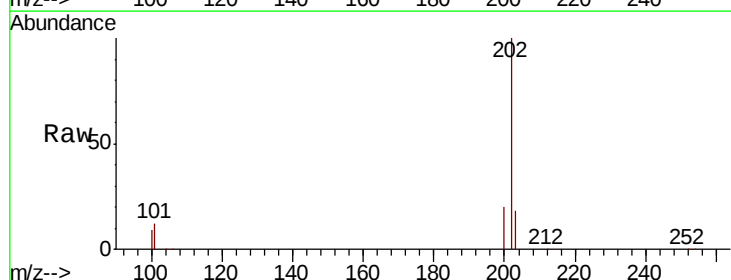
RT: 19.05 min Scan# 4141

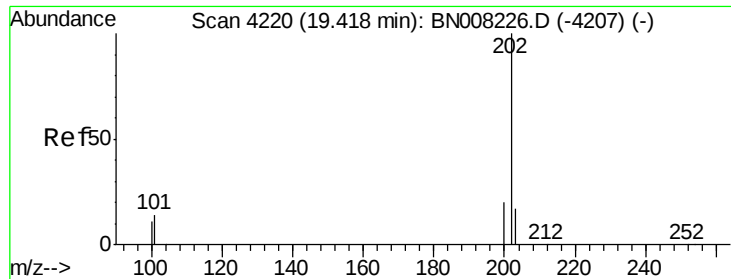
Delta R.T. -0.00 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Tgt Ion:	202	Resp:	87932
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.2
100	9.1	0.0	28.5





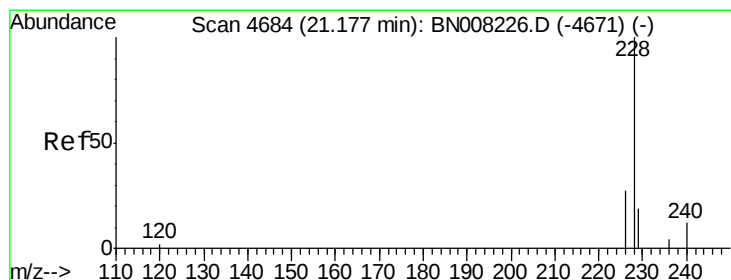
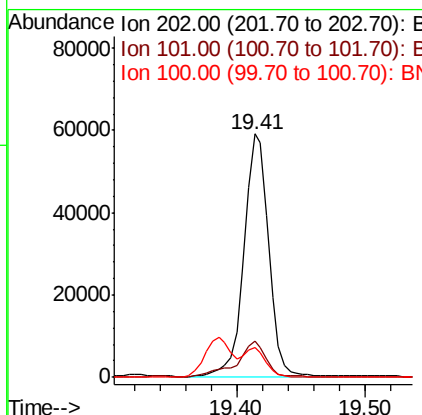
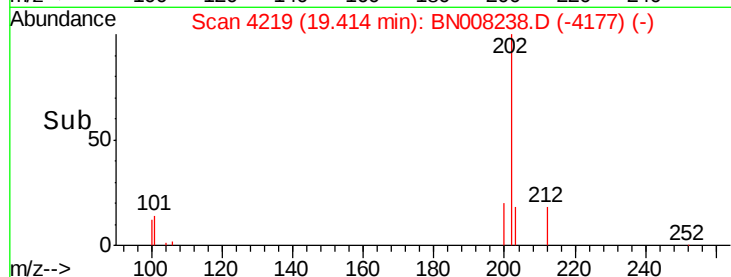
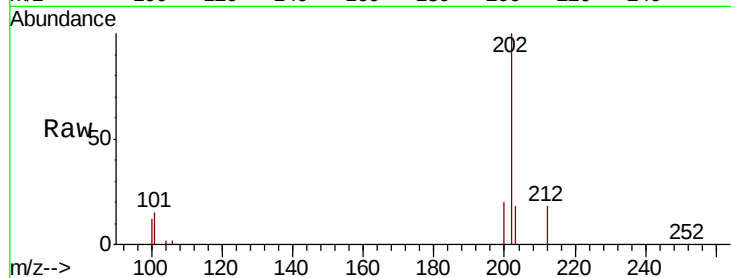
#17
Pvrene
Concen: 1.340 ng/ul
RT: 19.41 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BN008238.D
Acq: 18 Oct 2019 01:21

Instrument :
BNA_N
ClientSampleId :
BEPC7

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.9	16.3
100	12.1	8.7	13.1

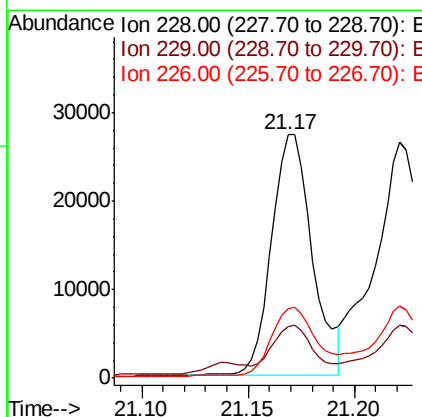
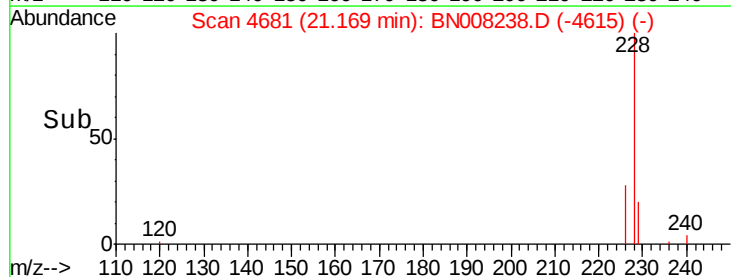
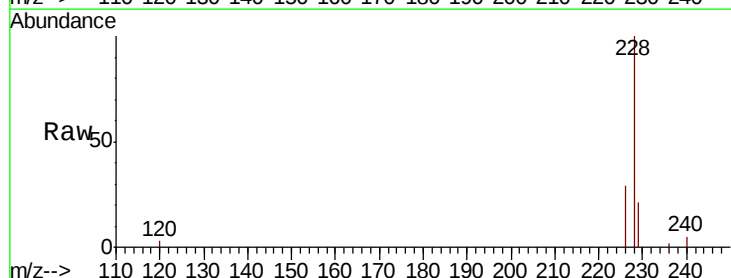
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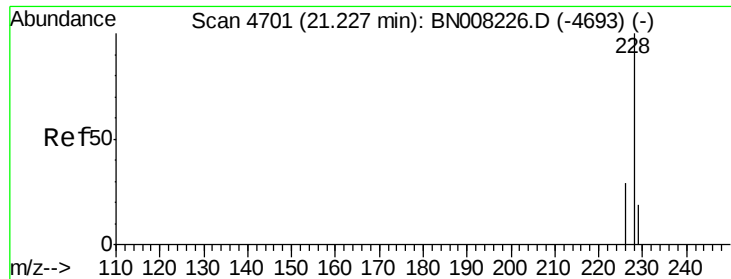
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#18
Benzo(a)anthracene
Concen: 0.676 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.01 min
Lab File: BN008238.D
Acq: 18 Oct 2019 01:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.2	24.2
226	28.8	21.4	32.0





#19

Chrysene

Concen: 0.641 ng/ul

RT: 21.22 min Scan# 4699

Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Instrument :

BNA_N

ClientSampleId :

BEPC7

Tot Ion:228 Resp: 41989

Ion Ratio Lower Upper

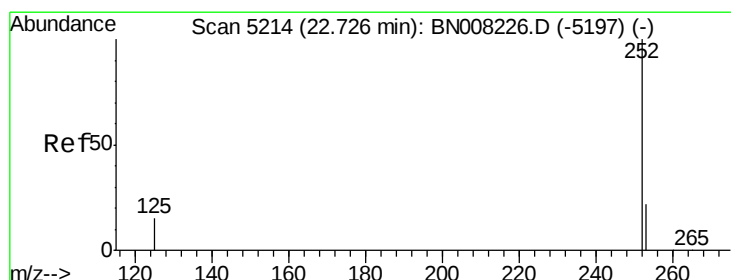
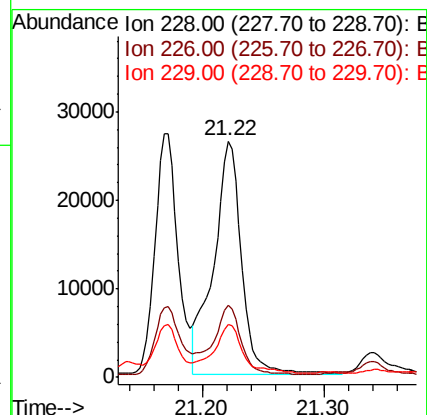
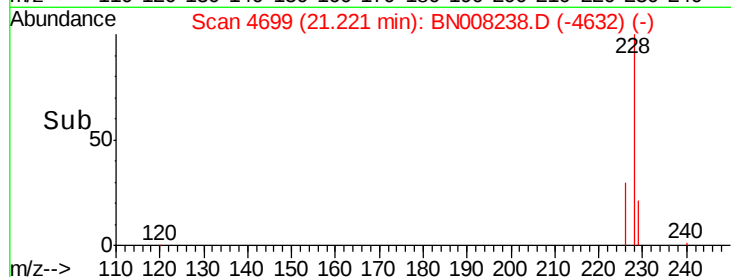
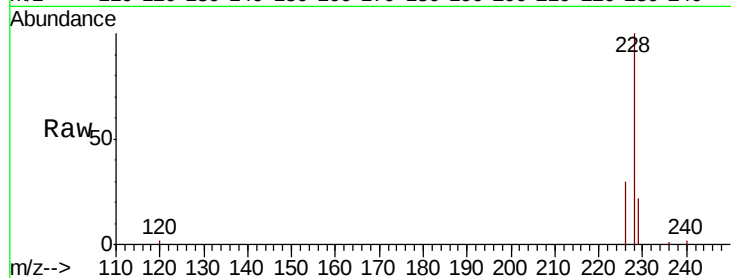
228 100

226 30.4 24.1 36.1

229 22.1 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 1.114 ng/ul m

RT: 22.72 min Scan# 5211

Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

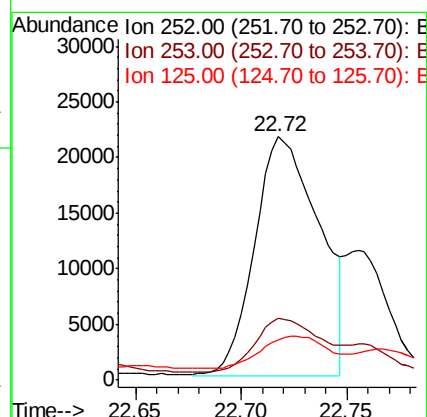
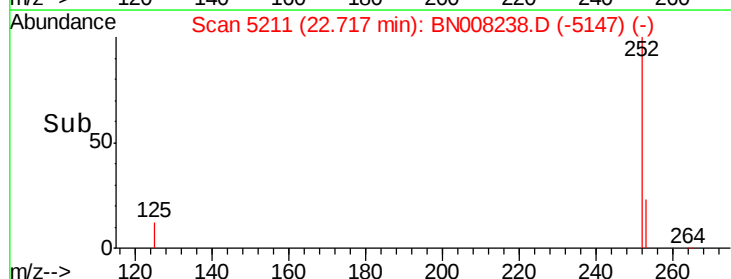
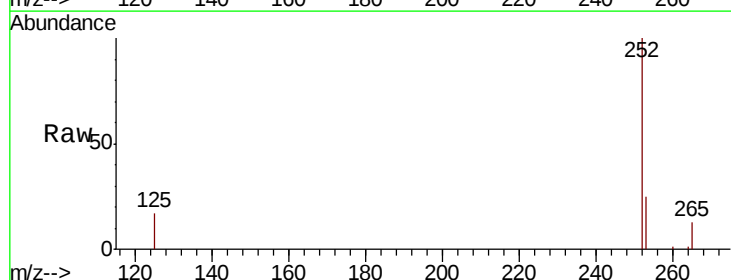
Tgt Ion:252 Resp: 45896

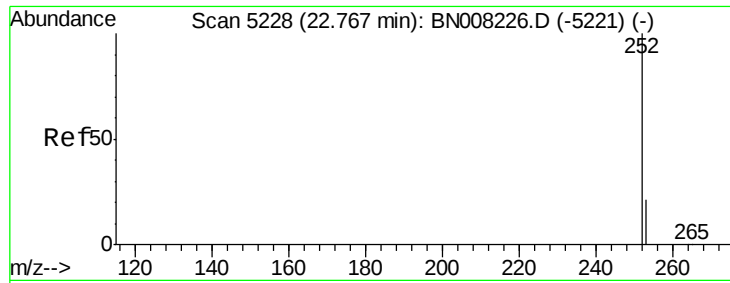
Ion Ratio Lower Upper

252 100

253 25.2 0.0 53.4

125 16.6 0.0 32.4





#22

Benzo(k)fluoranthene

Concen: 0.321 ng/ul m

RT: 22.76 min Scan# 5224

Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Instrument :

BNA_N

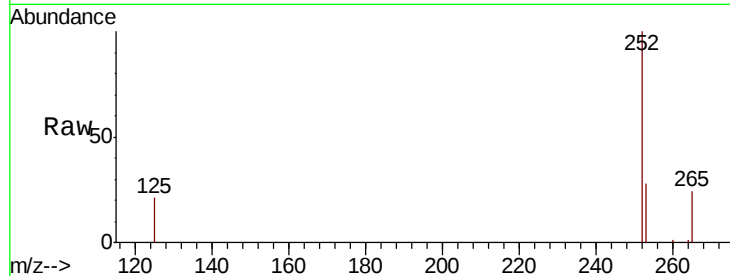
ClientSampled :

BEPC7

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.3	31.9
125	21.1	12.3	18.5

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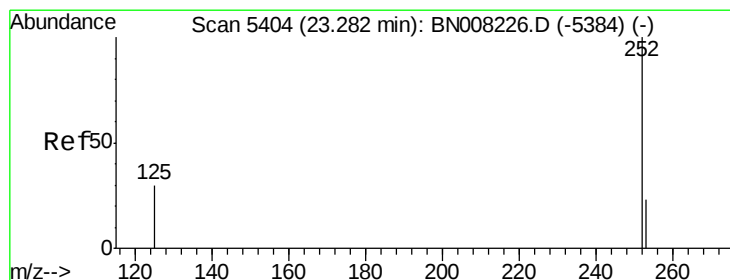
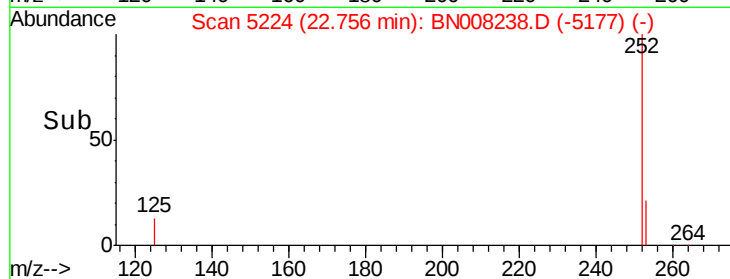
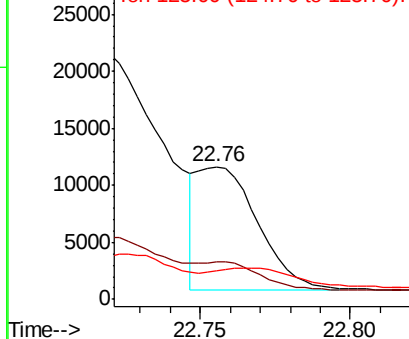


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.707 ng/ul

RT: 23.27 min Scan# 5400

Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

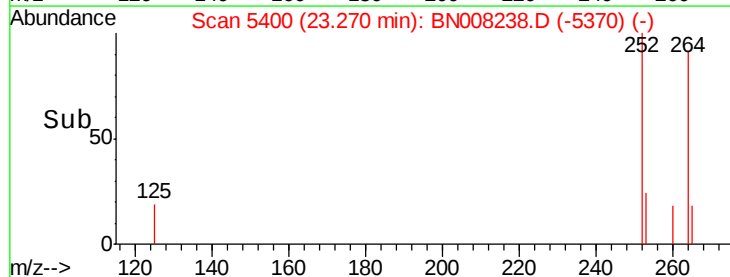
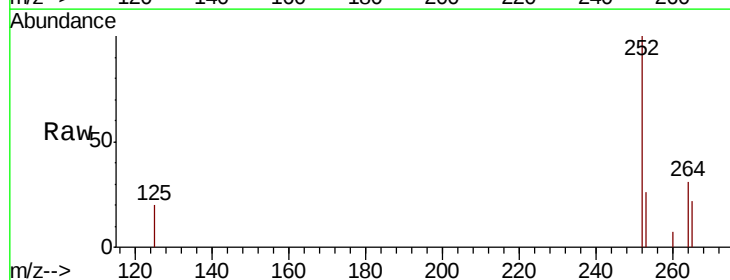
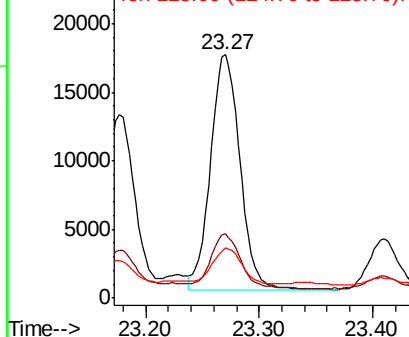
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	22.8	34.2
125	20.5	18.4	27.6

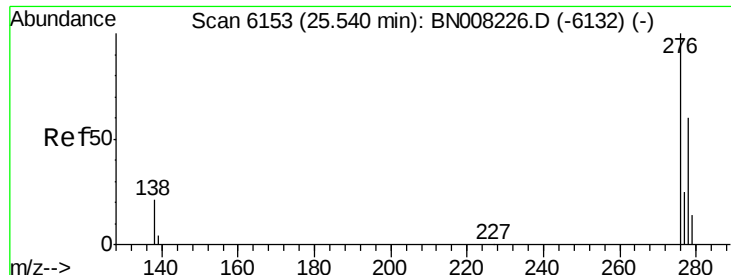
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





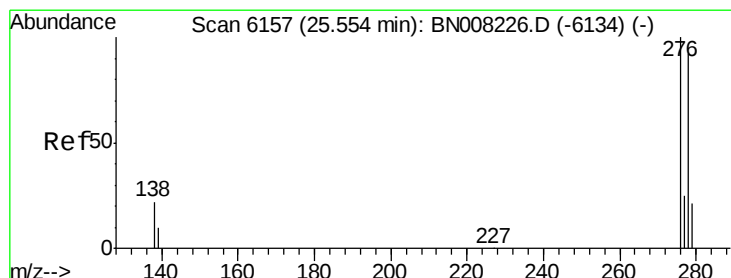
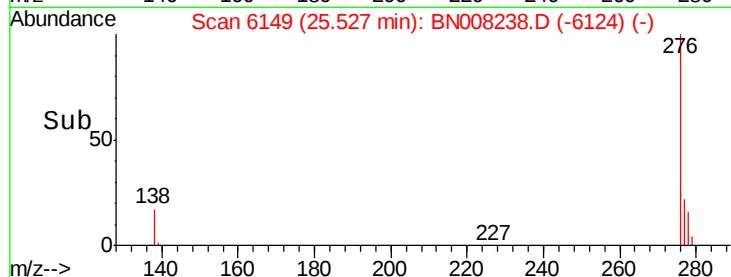
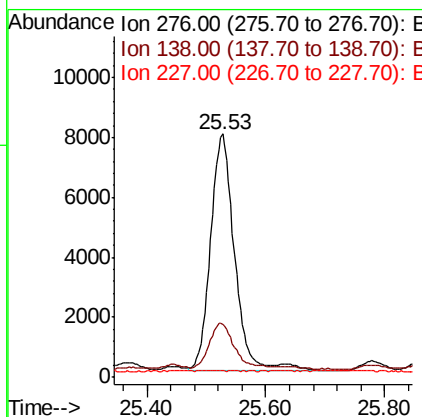
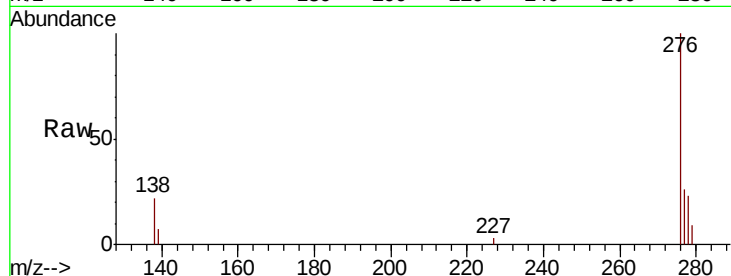
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.437 ng/ul
 RT: 25.53 min Scan# 6149
 Delta R.T. -0.02 min
 Lab File: BN008238.D
 Acq: 18 Oct 2019 01:21

Instrument :
 BNA_N
 ClientSampled :
 BEPC7

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.1	24.1
227	0.1	0.2	0.2

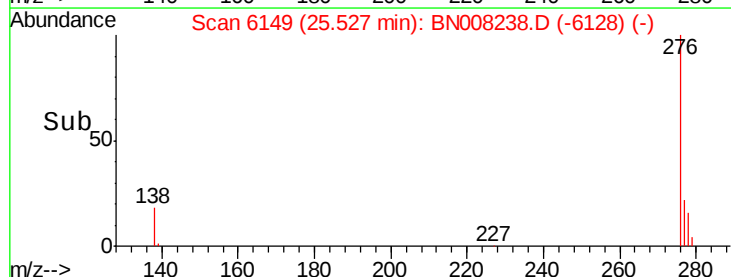
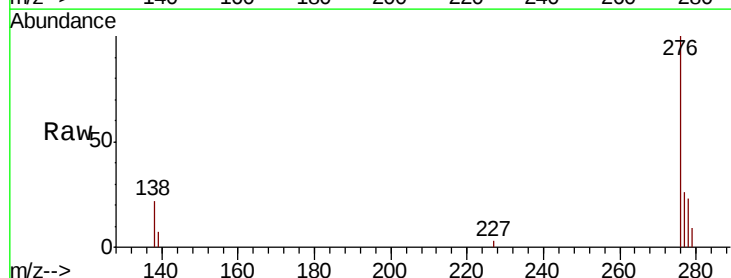
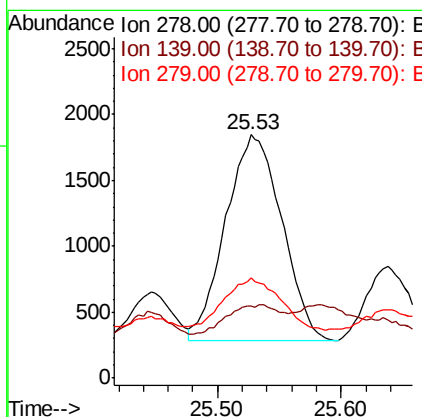
Manual Integrations
 APPROVED

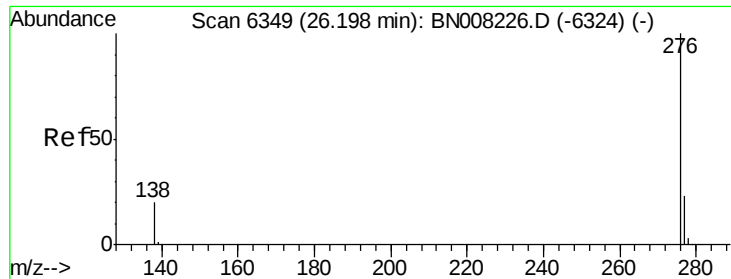
mohammad
 10/20/2019 8:09:46 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.122 ng/ul
 RT: 25.53 min Scan# 6149
 Delta R.T. -0.03 min
 Lab File: BN008238.D
 Acq: 18 Oct 2019 01:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.8	15.0	22.6
279	41.0	22.4	33.6





#26
Benzo(a,h,i)perylene
Concen: 0.439 ng/ul
RT: 26.19 min Scan# 6346
Delta R.T. -0.01 min
Lab File: BN008238.D
Acq: 18 Oct 2019 01:21

Instrument :
BNA_N
ClientSampleId :
BEPC7

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	17.0	25.4
277	26.0	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/20/2019 8:09:46 PM

