

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008334.D
 Acq On : 23 Oct 2019 03:20
 Operator : JU
 Sample : K5223-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE2

Manual Integrations
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 10/24/2019 8:05:56 AM

Quant Time: Oct 23 04:08:09 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1714	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8384	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5244	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11679	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10993	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9505	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2627	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	7960	0.20	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	1867	0.078	ng/ul#	92
5) 2-Methylnaphthalene	12.02	142	1096	0.067	ng/ul	100
7) Acenaphthylene	13.93	152	1296	0.052	ng/ul#	83
8) Acenaphthene	14.28	153	4751	0.245	ng/ul	98
9) Fluorene	15.27	166	5020	0.228	ng/ul	98
12) Phenanthrene	17.01	178	86673	2.535	ng/ul	99
13) Anthracene	17.10	178	17460	0.580	ng/ul	99
15) Fluoranthene	19.03	202	115771	2.564	ng/ul	98
17) Pyrene	19.39	202	100834	2.304	ng/ul	96
18) Benzo(a)anthracene	21.15	228	55917	1.399	ng/ul	98
19) Chrysene	21.21	228	55562	1.133	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	54987m	1.777	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	17394m	0.496	ng/ul	
23) Benzo(a)pyrene	23.25	252	39195	1.204	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.49	276	21228	0.554	ng/ul	99
25) Dibenzo(a,h)anthracene	25.50	278	7225	0.238	ng/ul#	87
26) Benzo(a,h,i)perylene	26.15	276	18681	0.531	ng/ul	98

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

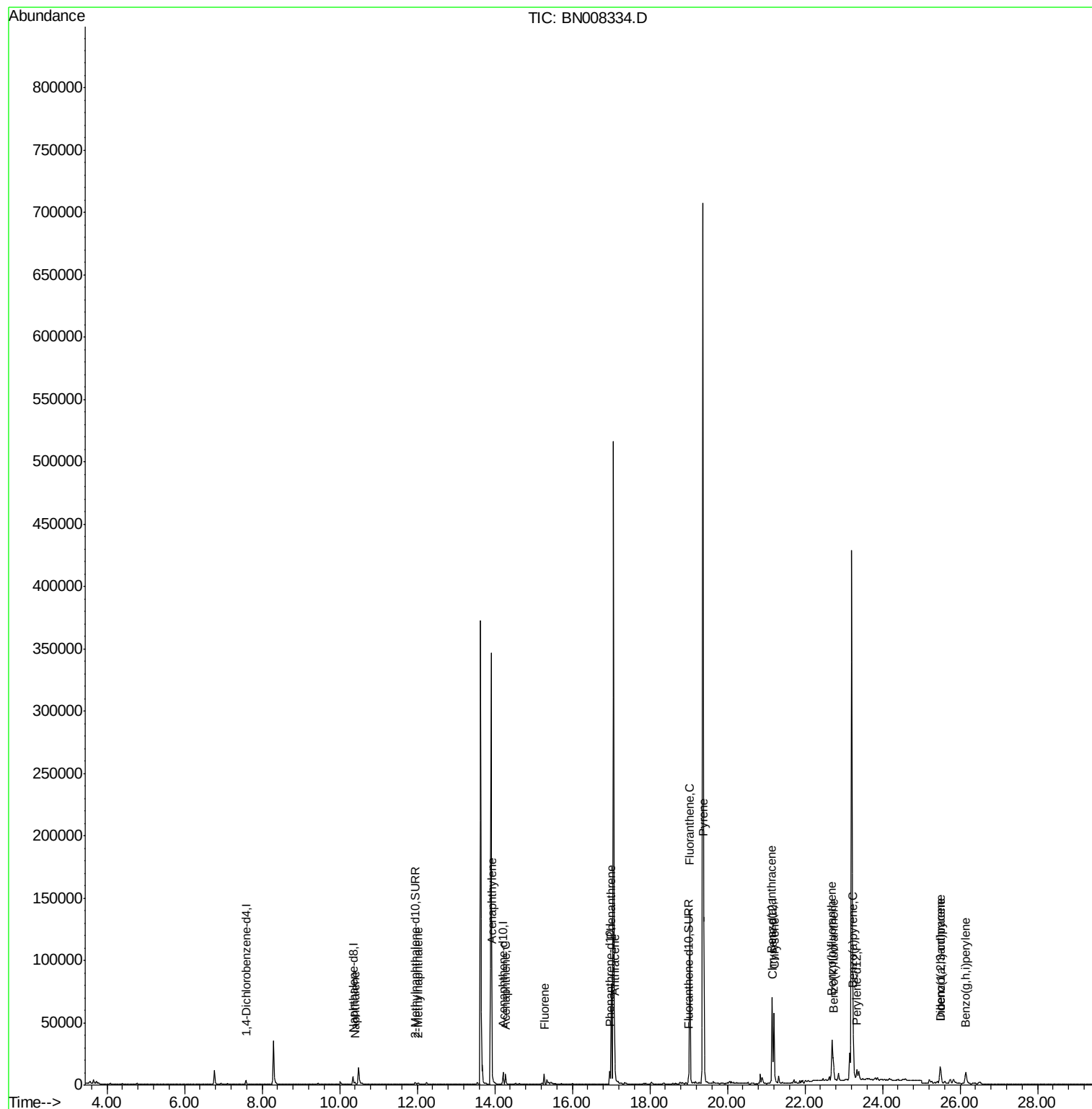
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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ALS Vial : 28 Sample Multiplier: 1

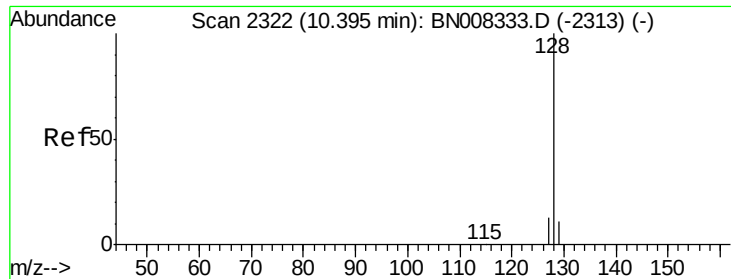
Instrument :
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Quant Time: Oct 23 04:08:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.078 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008334.D

Acq: 23 Oct 2019 03:20

Instrument :

BNA_N

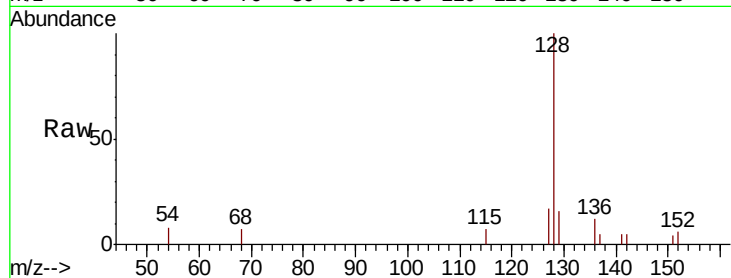
ClientSampleId :

BEPE2

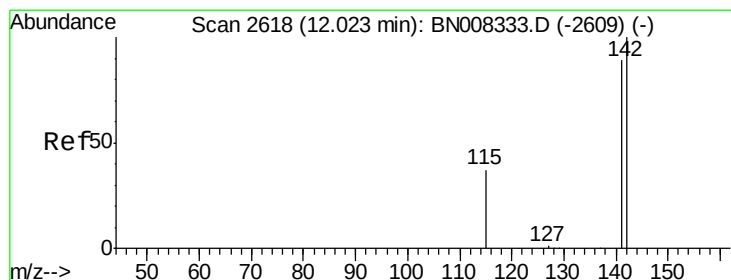
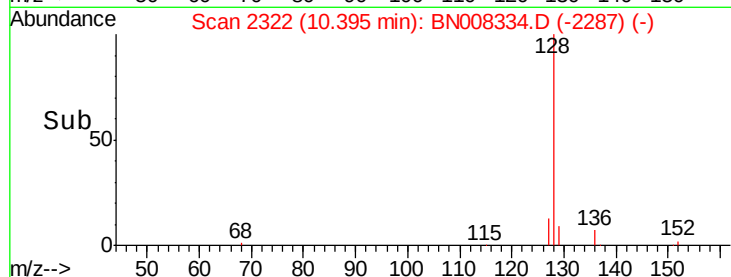
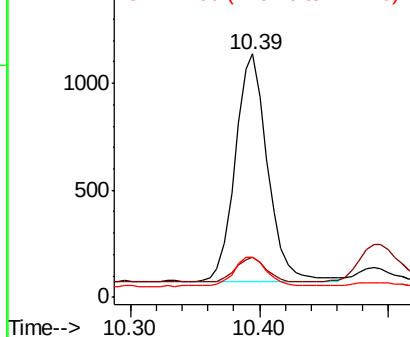
Tot Ion:	128	Resp:	1867
Ion Ratio	Lower	Upper	
128	100		
129	16.4	9.8	14.8#
127	16.5	11.1	16.7

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.067 ng/ul

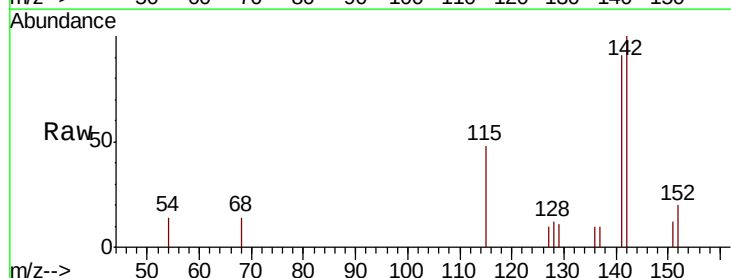
RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

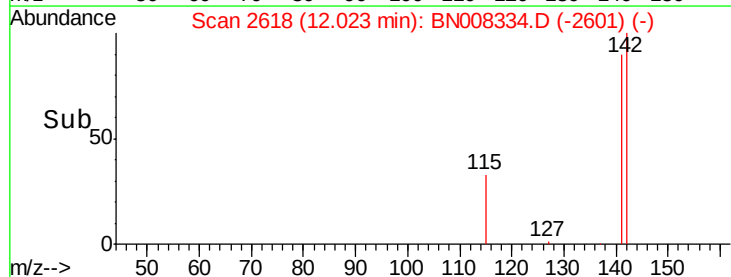
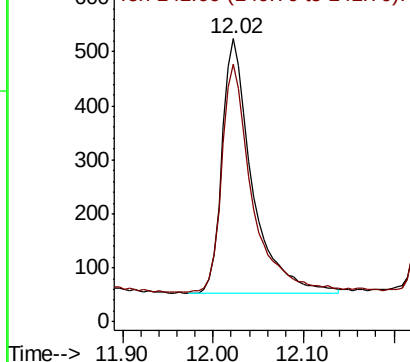
Lab File: BN008334.D

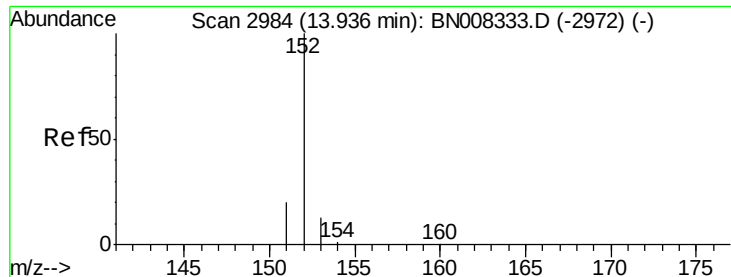
Acq: 23 Oct 2019 03:20

Tgt Ion:	142	Resp:	1096
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.4	107.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008334.D

Acq: 23 Oct 2019 03:20

Instrument :

BNA_N

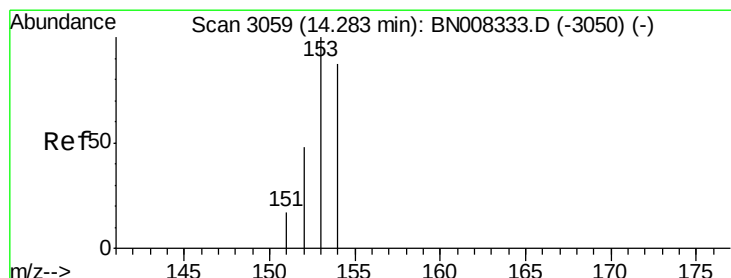
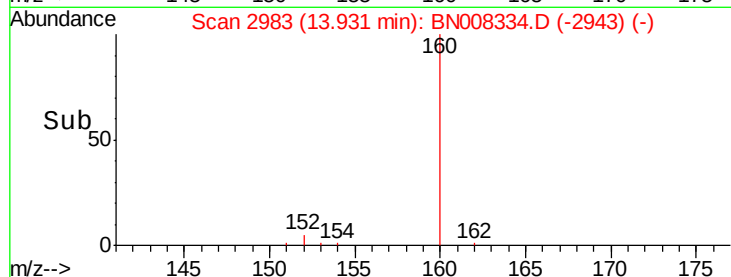
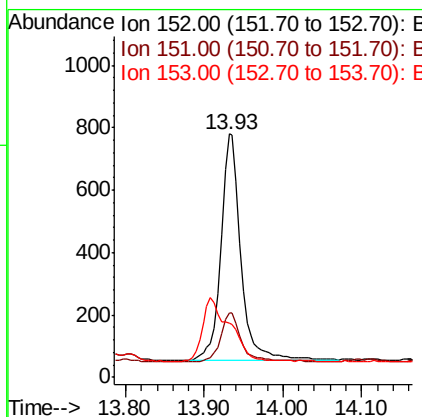
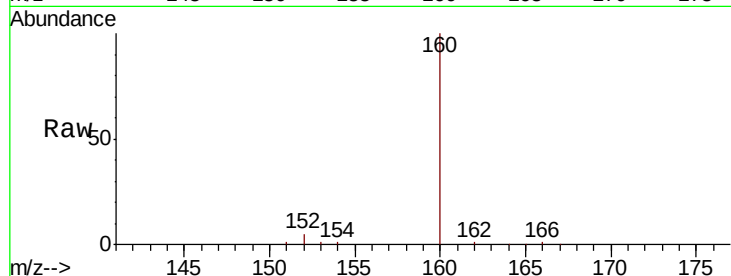
ClientSampleId :

BEPE2

Tot Ion:	152	Resp:	1296
Ion Ratio	Lower	Upper	
152	100		
151	26.6	16.2	24.4#
153	22.3	11.0	16.4#

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#8

Acenaphthene

Concen: 0.245 ng/ul

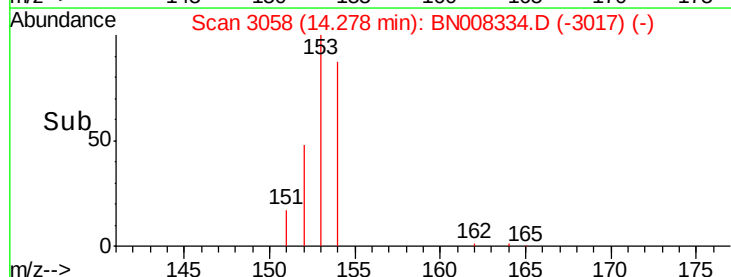
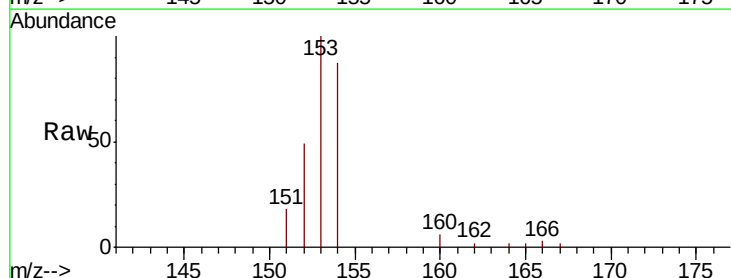
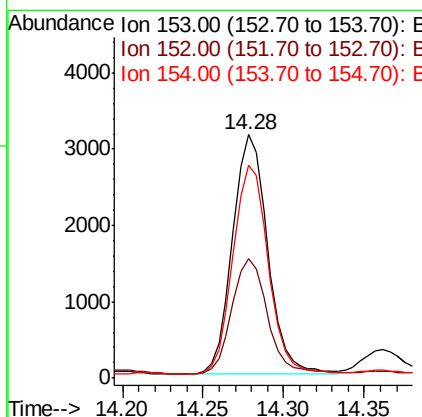
RT: 14.28 min Scan# 3058

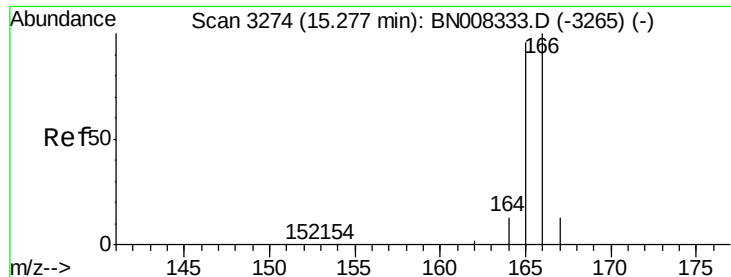
Delta R.T. -0.01 min

Lab File: BN008334.D

Acq: 23 Oct 2019 03:20

Tgt Ion:	153	Resp:	4751
Ion Ratio	Lower	Upper	
153	100		
152	48.9	38.2	57.2
154	87.3	71.8	107.8





#9

Fluorene

Concen: 0.228 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008334.D

Acq: 23 Oct 2019 03:20

Instrument :

BNA_N

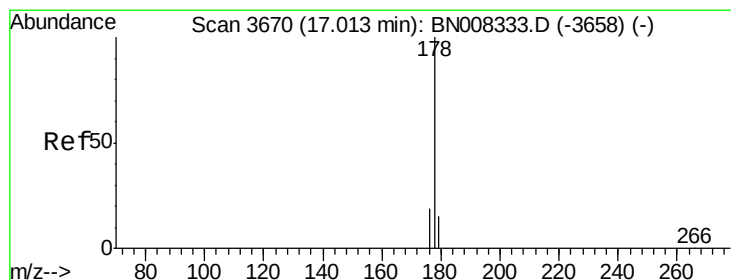
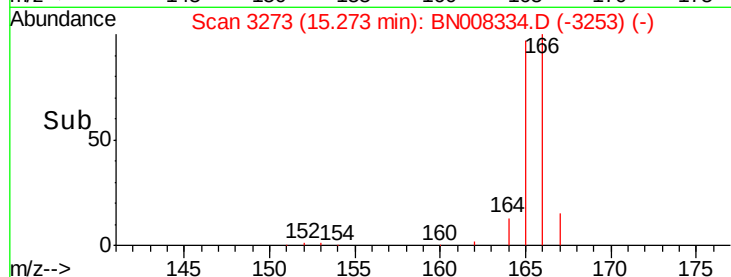
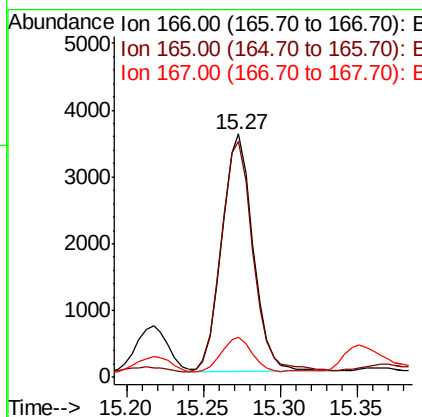
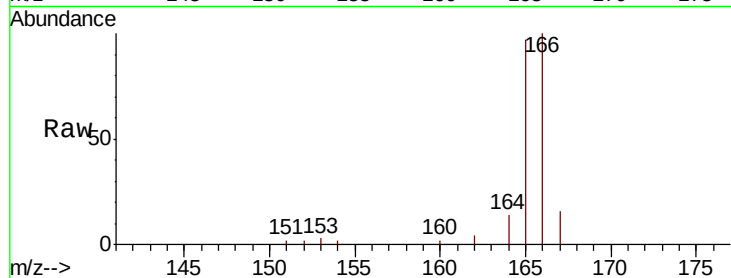
ClientSampled :

BEPE2

Tot Ion:	166	Resp:	5020
Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.6	115.0
167	16.3	11.7	17.5

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#12

Phenanthrene

Concen: 2.535 ng/ul

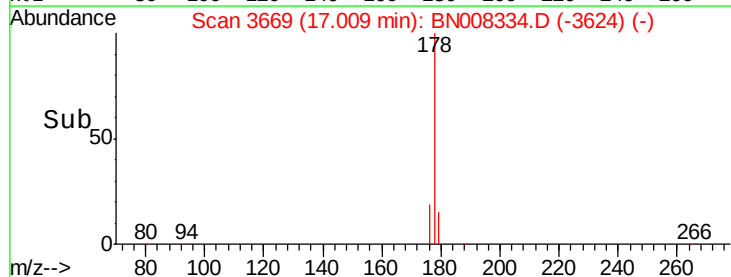
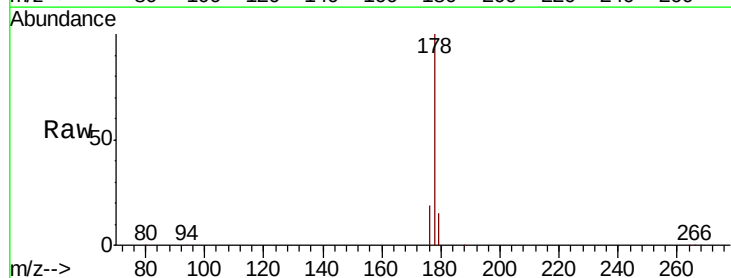
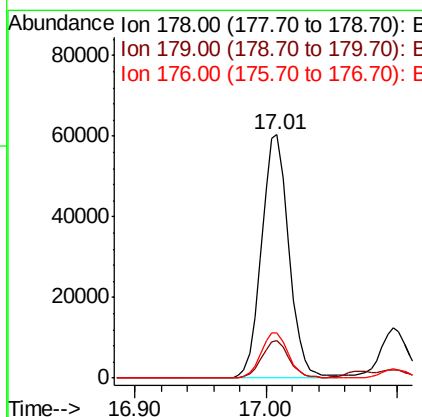
RT: 17.01 min Scan# 3669

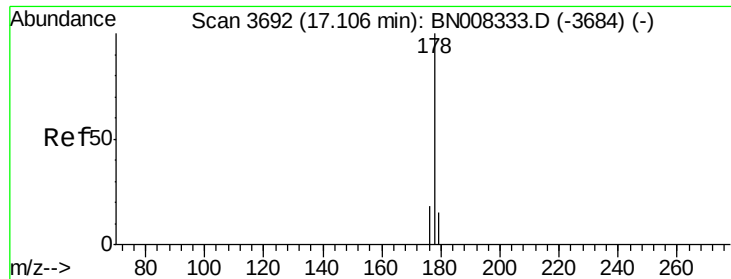
Delta R.T. -0.01 min

Lab File: BN008334.D

Acq: 23 Oct 2019 03:20

Tgt Ion:	178	Resp:	86673
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.7	15.4	23.2





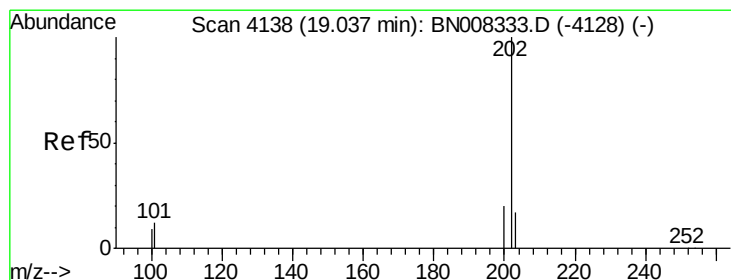
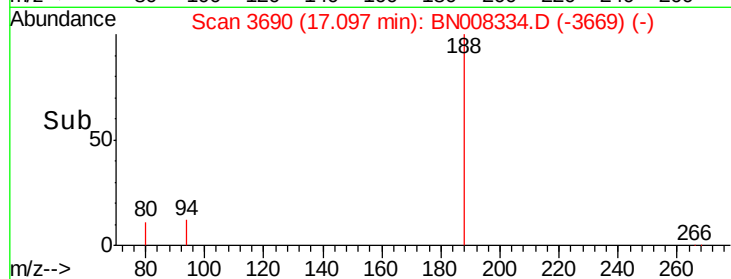
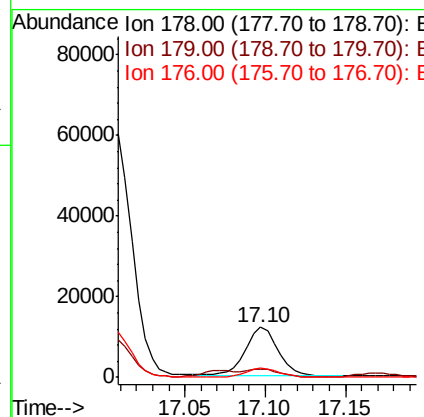
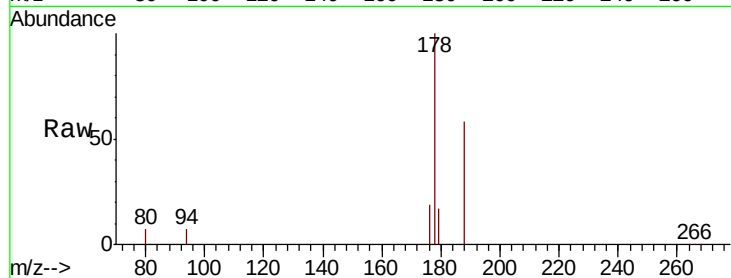
#13
 Anthracene
 Concen: 0.580 ng/ul
 RT: 17.10 min Scan# 3690
 Delta R.T. -0.01 min
 Lab File: BN008334.D
 Acq: 23 Oct 2019 03:20

Instrument :
 BNA_N
 ClientSampleId :
 BEPE2

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.6
176	18.8	15.0	22.6

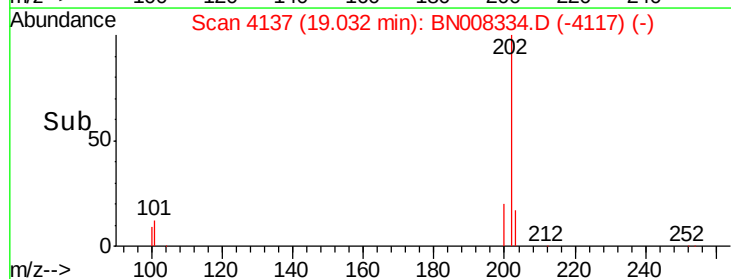
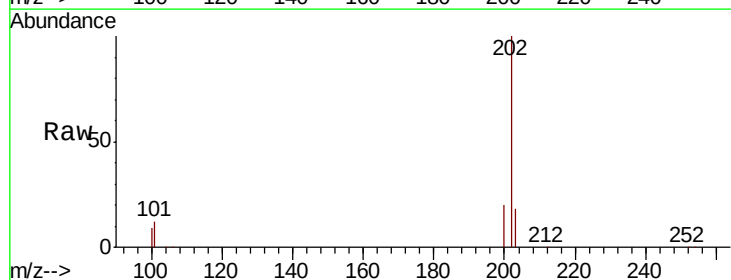
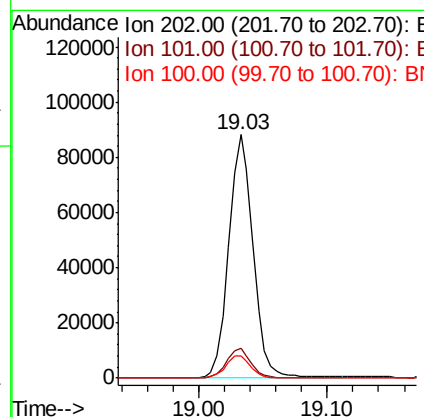
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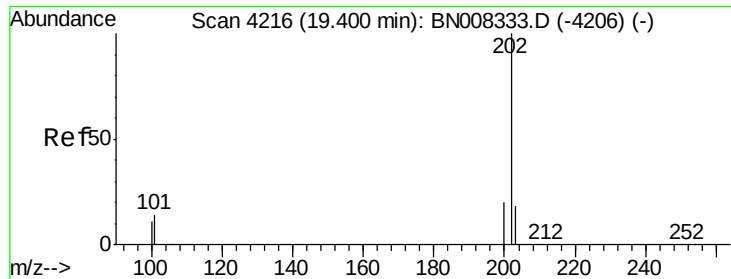
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#15
 Fluoranthene
 Concen: 2.564 ng/ul
 RT: 19.03 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN008334.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
100	9.2	0.0	28.5





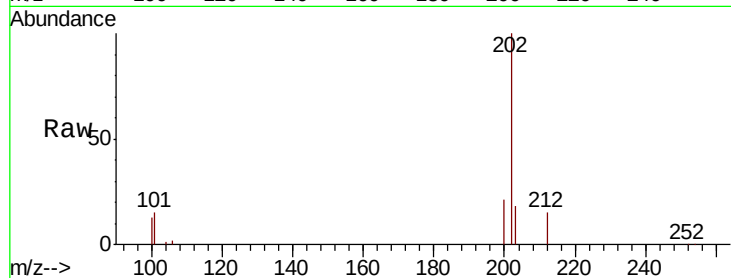
#17
Pvrene
Concen: 2.304 ng/ul
RT: 19.39 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN008334.D
Acq: 23 Oct 2019 03:20

Instrument :
BNA_N
ClientSampleId :
BEPE2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	10.9	16.3
100	12.5	8.7	13.1

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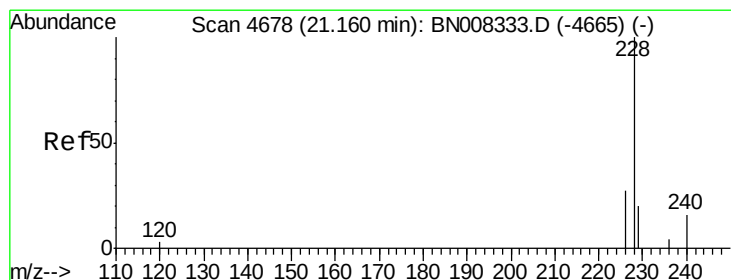
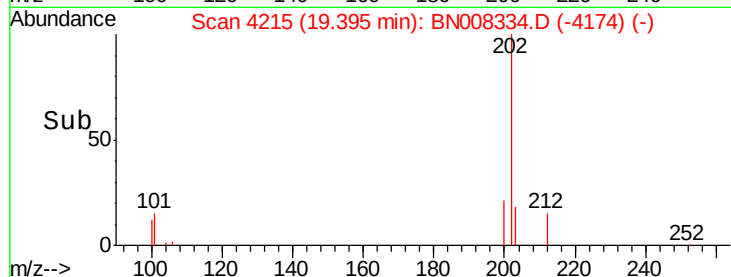
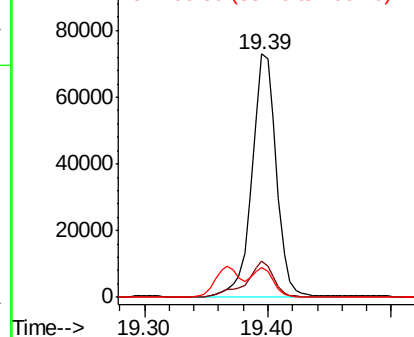


Abundance

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: 1.399 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.01 min
Lab File: BN008334.D
Acq: 23 Oct 2019 03:20

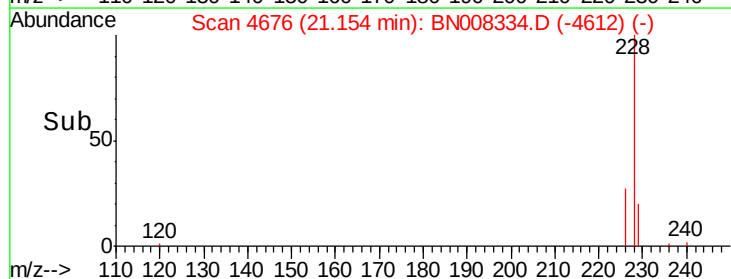
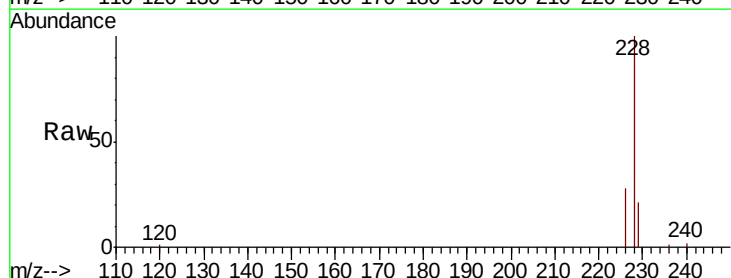
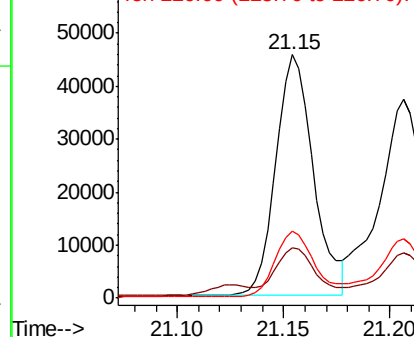
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	16.2	24.2
226	27.5	21.4	32.0

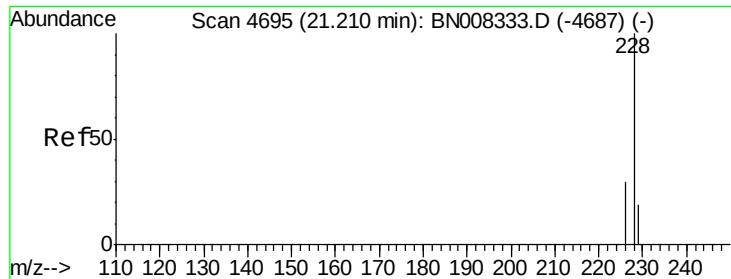
Abundance

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





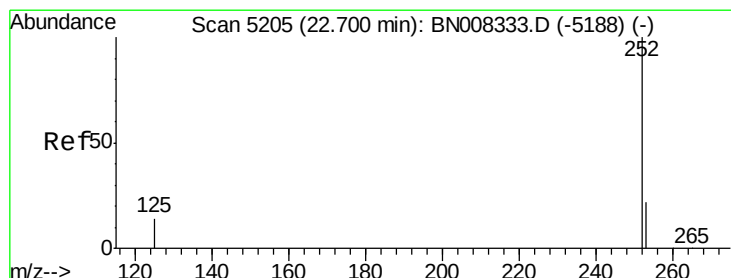
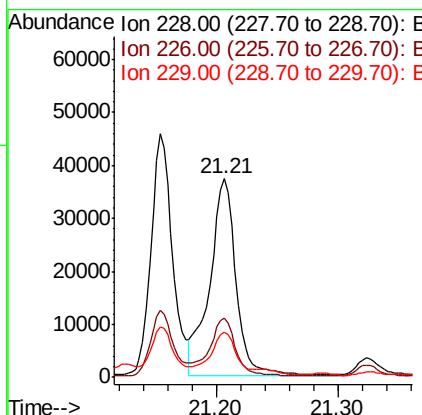
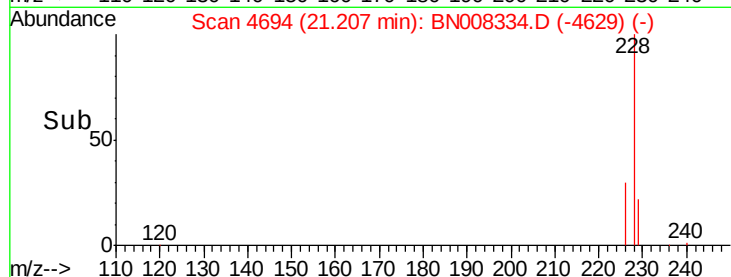
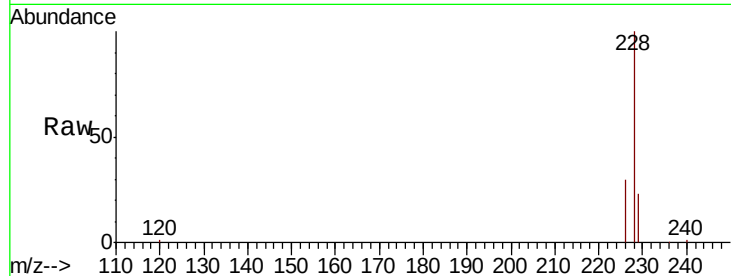
#19
Chrysene
Concen: 1.133 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BN008334.D
Acq: 23 Oct 2019 03:20

Instrument :
BNA_N
ClientSampleId :
BEPE2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	22.9	16.2	24.2

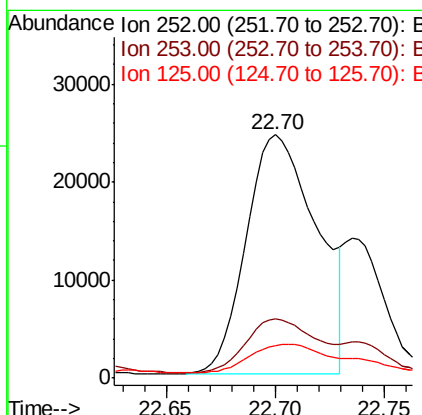
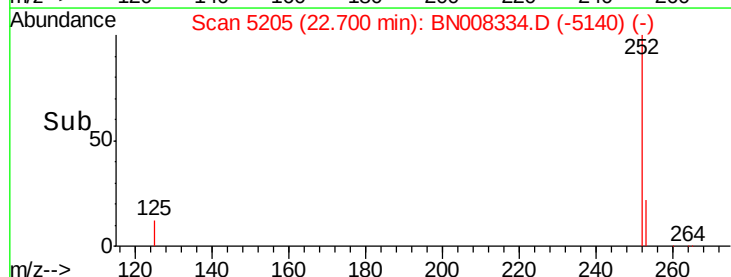
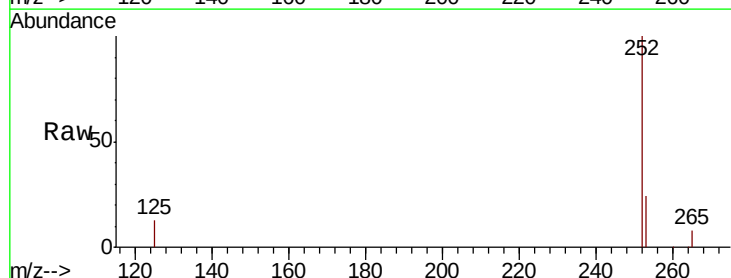
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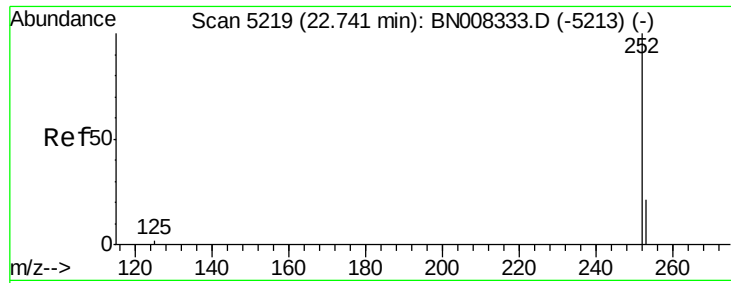
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#21
Benzo(b)fluoranthene
Concen: 1.777 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. -0.01 min
Lab File: BN008334.D
Acq: 23 Oct 2019 03:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	53.4
125	13.5	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.496 ng/ul m

RT: 22.73 min Scan# 5217

Delta R.T. -0.02 min

Lab File: BN008334.D

Acq: 23 Oct 2019 03:20

Instrument :

BNA_N

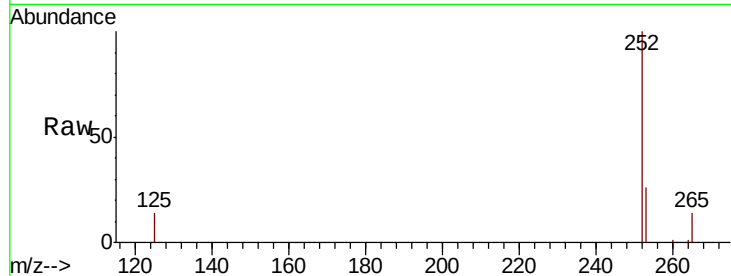
ClientSampleId :

BEPE2

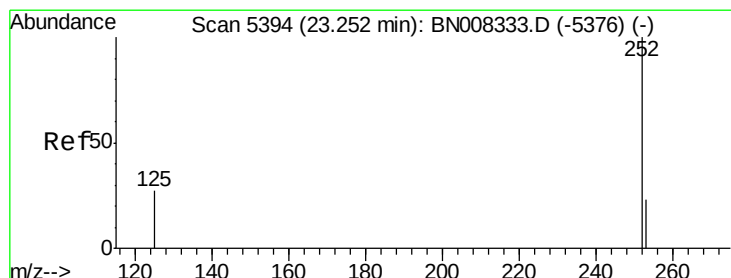
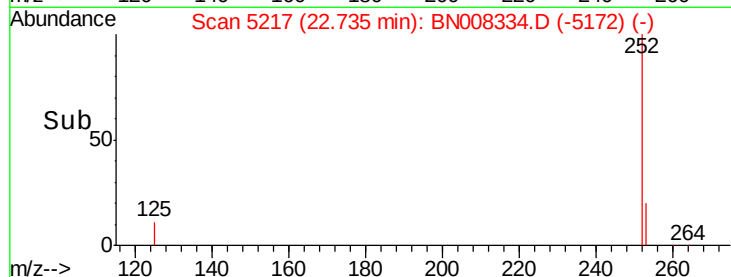
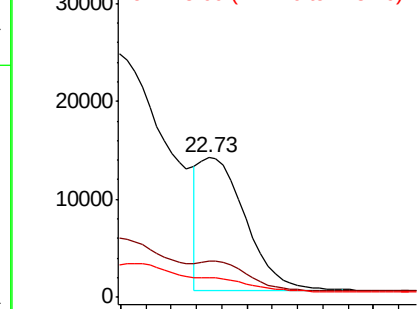
Tot Ion:	252	Resp:	17394
Ion Ratio	Lower	Upper	
252	100		
253	25.8	21.3	31.9
125	14.1	12.3	18.5

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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: 1.204 ng/ul

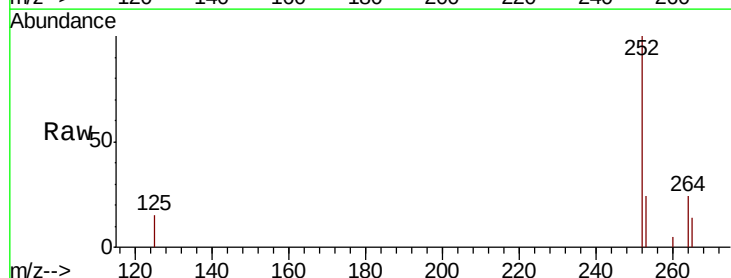
RT: 23.25 min Scan# 5393

Delta R.T. -0.01 min

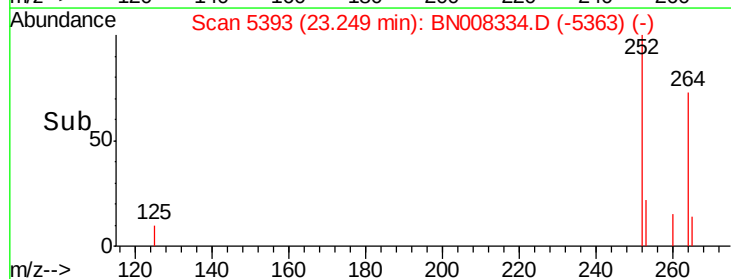
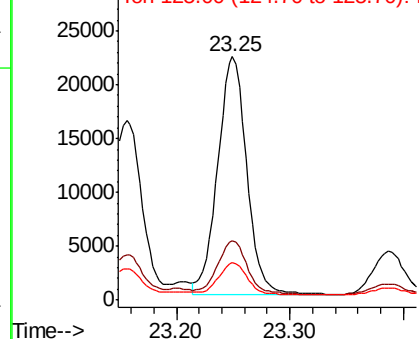
Lab File: BN008334.D

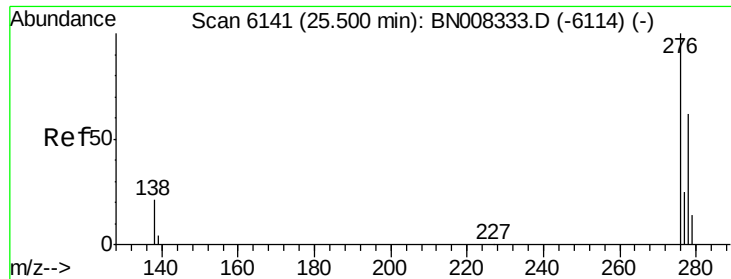
Acq: 23 Oct 2019 03:20

Tgt Ion:	252	Resp:	39195
Ion Ratio	Lower	Upper	
252	100		
253	24.3	22.8	34.2
125	15.2	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

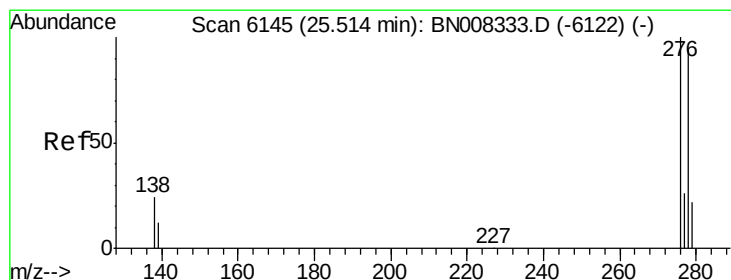
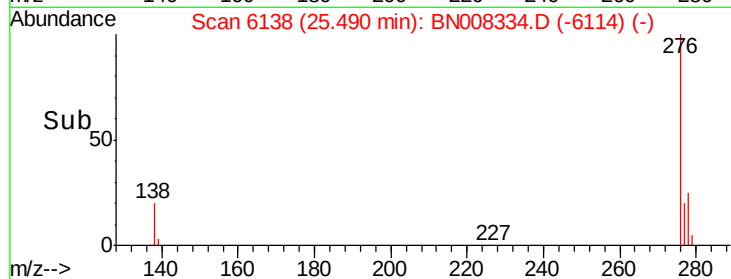
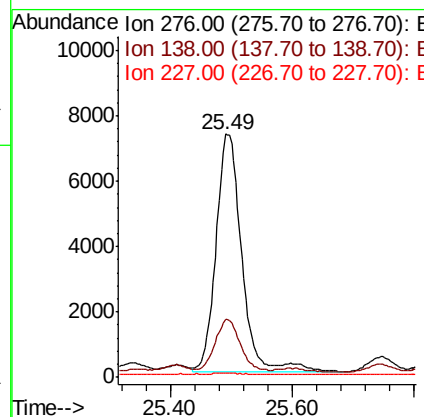
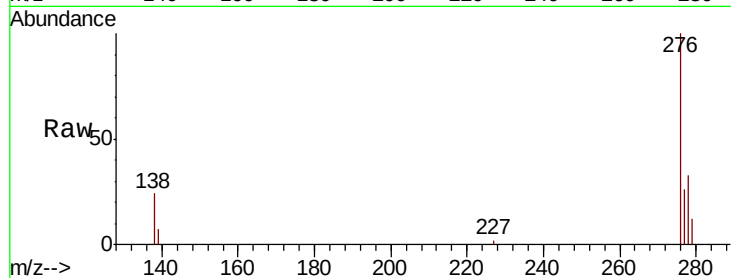
Indeno(1,2,3-cd)pyrene
Concen: 0.554 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008334.D
Acq: 23 Oct 2019 03:20

Instrument :
BNA_N
ClientSampleId :
BEPE2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.1	24.1
227	0.2	0.2	0.2

Manual Integrations
APPROVED

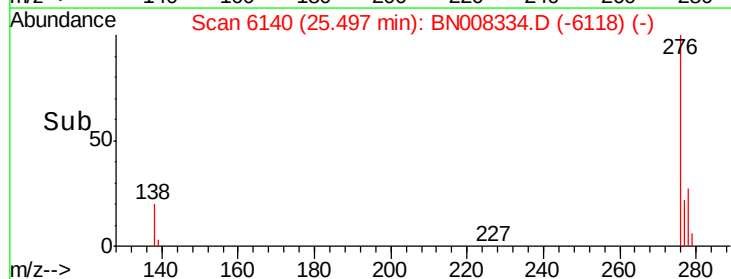
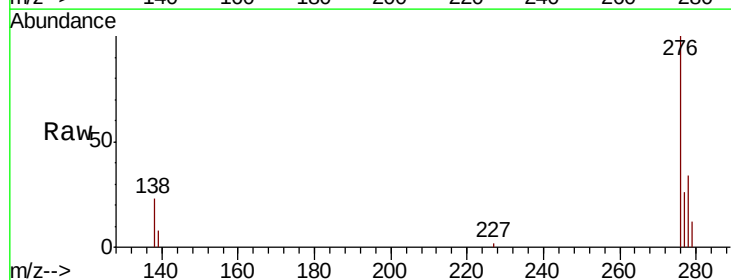
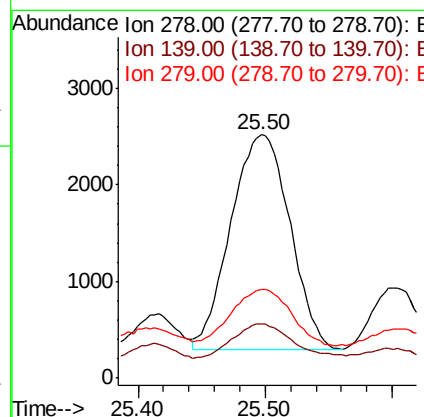
mohammad
10/24/2019 8:05:56 AM

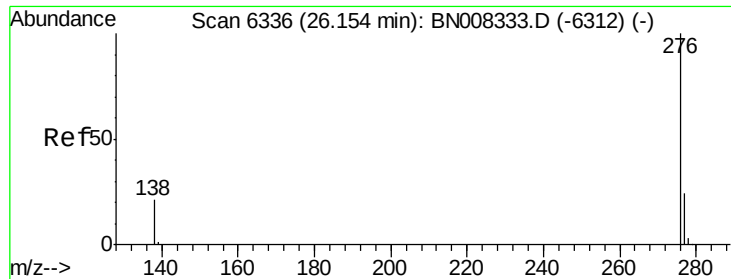


#25

Dibenzo(a,h)anthracene
Concen: 0.238 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.03 min
Lab File: BN008334.D
Acq: 23 Oct 2019 03:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.0	22.6
279	36.4	22.4	33.6





#26
 Benzo(a,h,i)perylene
 Concen: 0.531 ng/ul
 RT: 26.15 min Scan# 6336
 Delta R.T. -0.01 min
 Lab File: BN008334.D
 Acq: 23 Oct 2019 03:20

Instrument :
 BNA_N
 ClientSampleId :
 BEPE2

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	17.0	25.4
277	25.4	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:56 AM

