

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011741.D
 Acq On : 08 Sep 2020 17:42
 Operator : CG/JU
 Sample : L3840-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB2

Manual Integrations
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 9/9/2020 3:45:51 PM

Quant Time: Sep 08 18:17:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 14:34:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1643	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	6023	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	3321	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	7037	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	6445	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	6953	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1873	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	3691	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1007	0.056	ng/ul#	83
7) Acenaphthylene	14.09	152	1959	0.122	ng/ul#	93
9) Fluorene	15.43	166	338	0.023	ng/ul#	93
12) Phenanthrene	17.16	178	2735	0.116	ng/ul	95
13) Anthracene	17.25	178	2366	0.112	ng/ul#	93
15) Fluoranthene	19.18	202	5017	0.191	ng/ul	98
17) Pyrene	19.54	202	13443	0.470	ng/ul	96
18) Benzo(a)anthracene	21.29	228	3610m	0.144	ng/ul	
19) Chrysene	21.34	228	8660	0.309	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	17545m	0.538	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	7024m	0.210	ng/ul	
23) Benzo(a)pyrene	23.46	252	9112	0.324	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.82	276	7009	0.190	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	2285	0.076	ng/ul#	71
26) Benzo(g,h,i)perylene	26.51	276	4766	0.148	ng/ul#	90

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

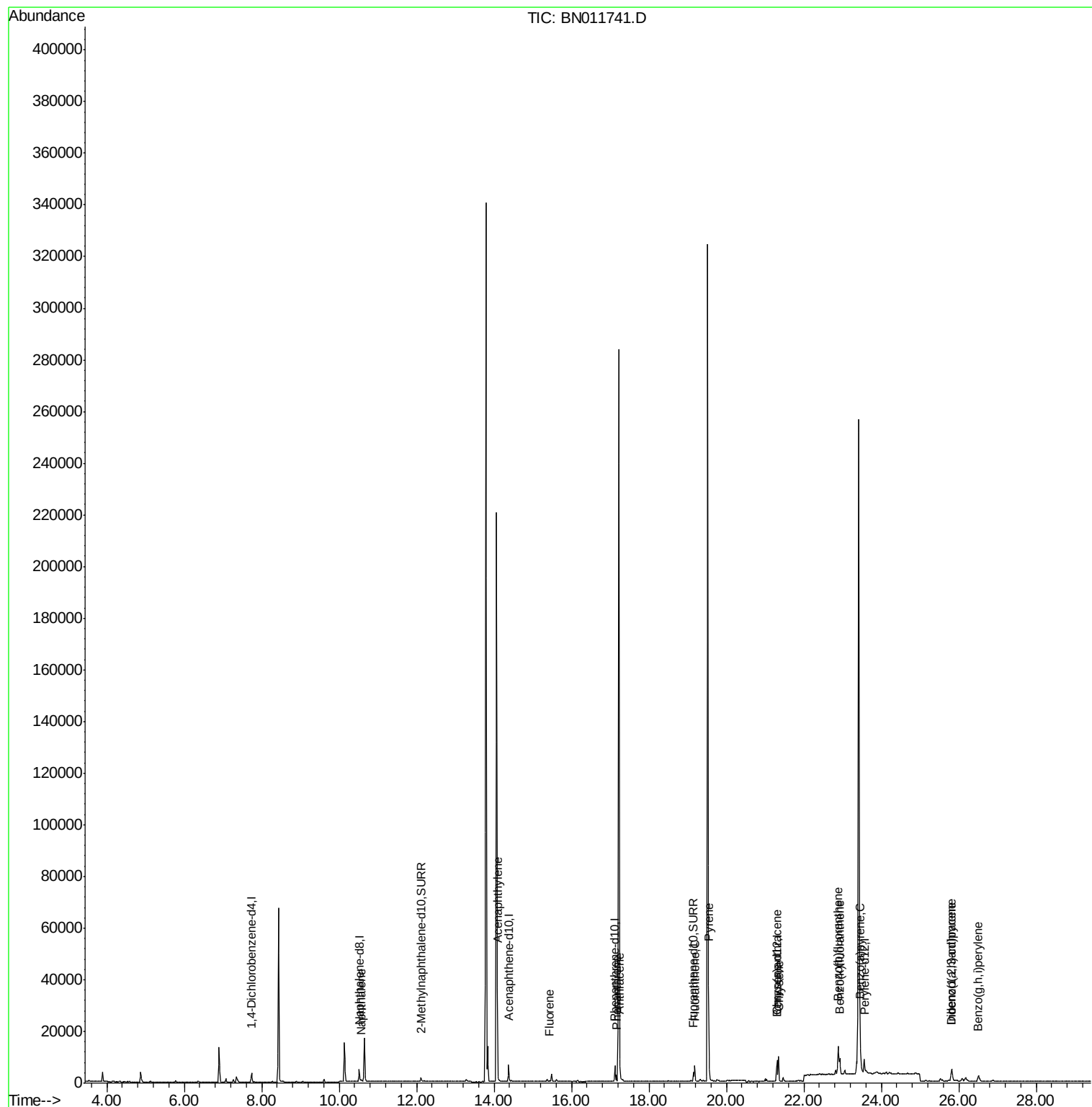
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011741.D
Acq On : 08 Sep 2020 17:42
Operator : CG/JU
Sample : L3840-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

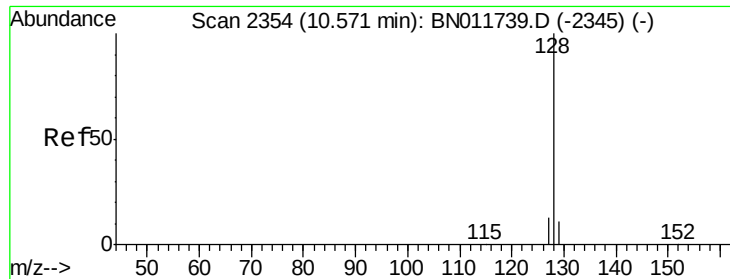
Instrument :
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Quant Time: Sep 08 18:17:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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QLast Update : Tue Sep 08 14:34:47 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.056 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011741.D

Acq: 08 Sep 2020 17:42

Instrument :

BNA_N

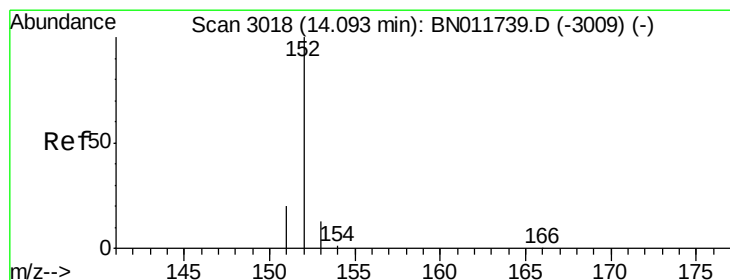
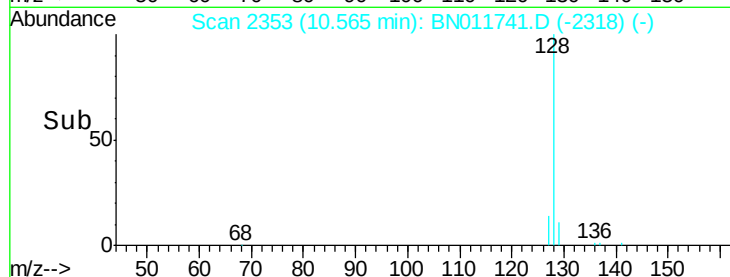
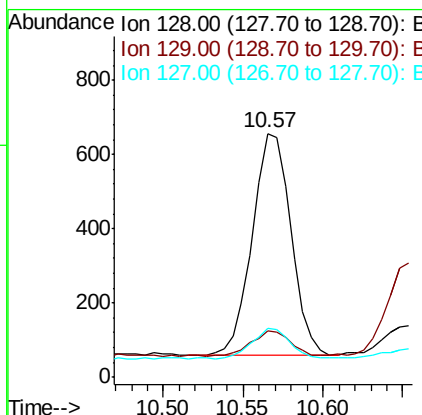
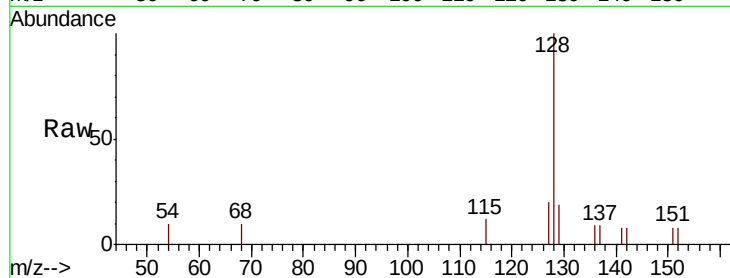
ClientSampled :

C0AB2

Tot Ion:	128	Resp:	1007
Ion Ratio	Lower	Upper	
128	100		
129	19.1	9.8	14.6#
127	20.1	11.0	16.6#

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#7

Acenaphthylene

Concen: 0.122 ng/ul

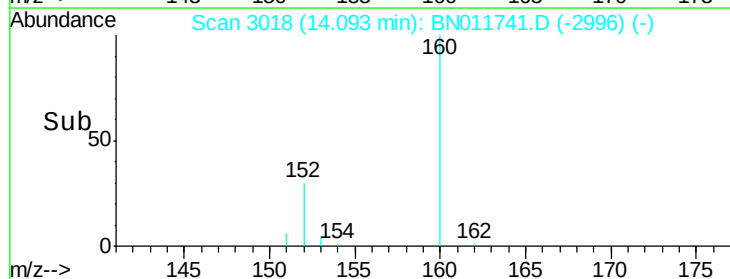
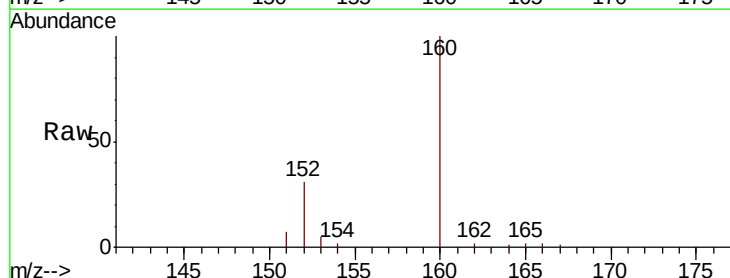
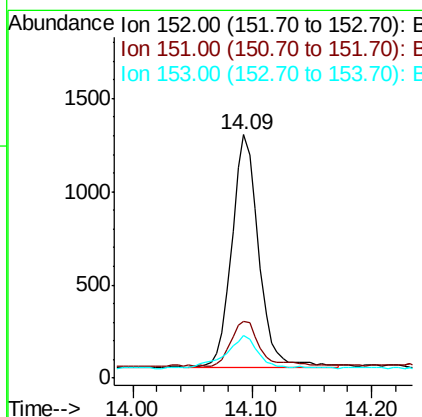
RT: 14.09 min Scan# 3018

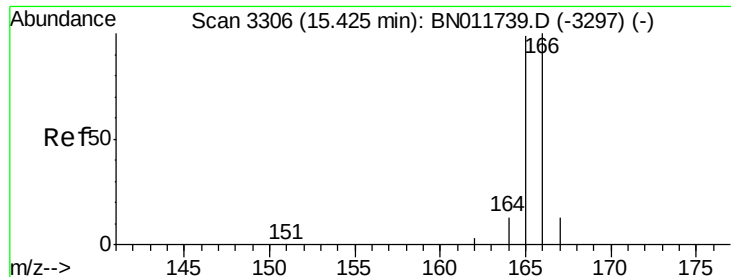
Delta R.T. 0.00 min

Lab File: BN011741.D

Acq: 08 Sep 2020 17:42

Tgt Ion:	152	Resp:	1959
Ion Ratio	Lower	Upper	
152	100		
151	23.2	16.2	24.4
153	17.3	11.4	17.0#





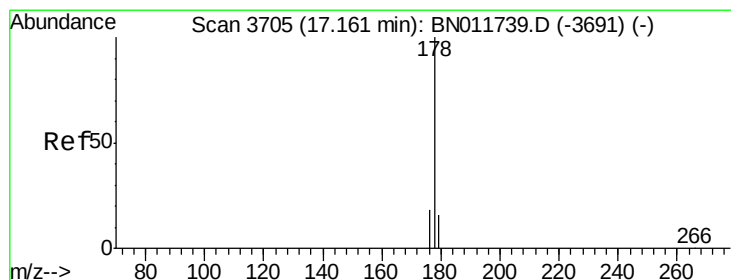
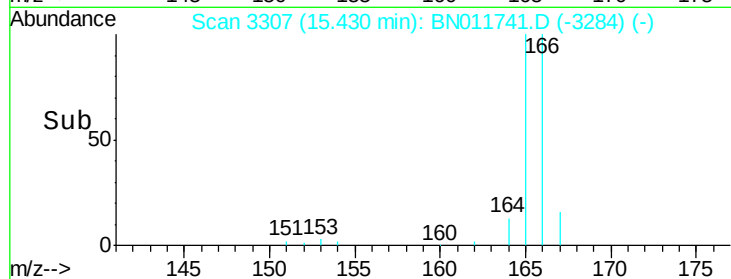
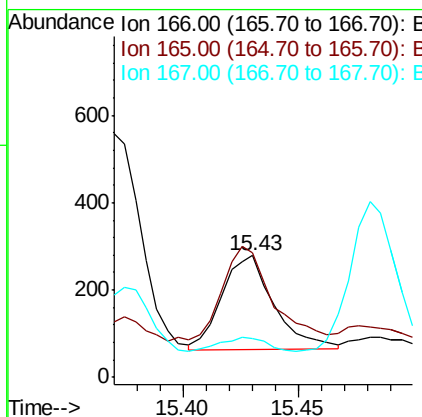
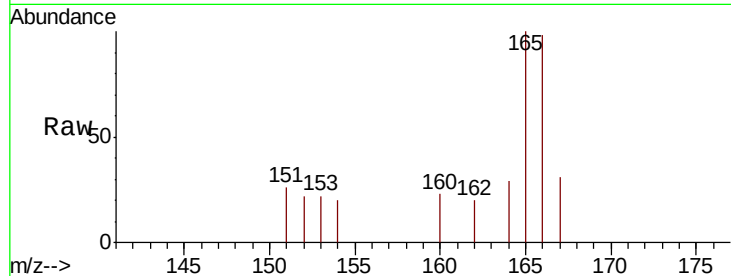
#9
Fluorene
 Concen: 0.023 ng/ul
 RT: 15.43 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BN011741.D
 Acq: 08 Sep 2020 17:42

Instrument :
 BNA_N
 ClientSampleId :
 C0AB2

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.5	80.2	120.2
167	31.9	11.8	17.6

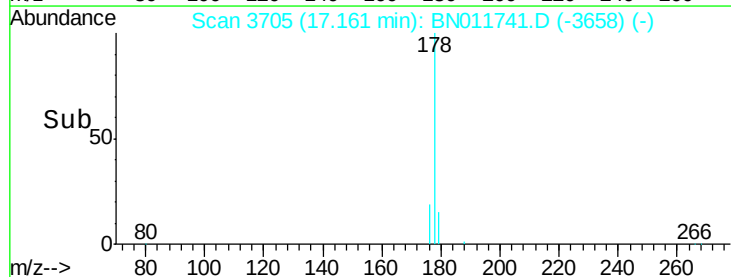
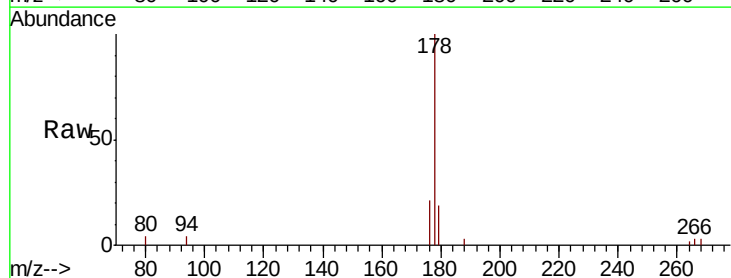
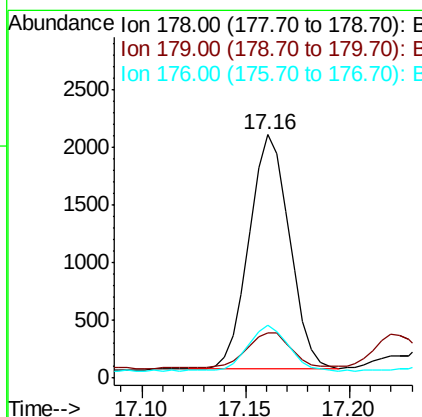
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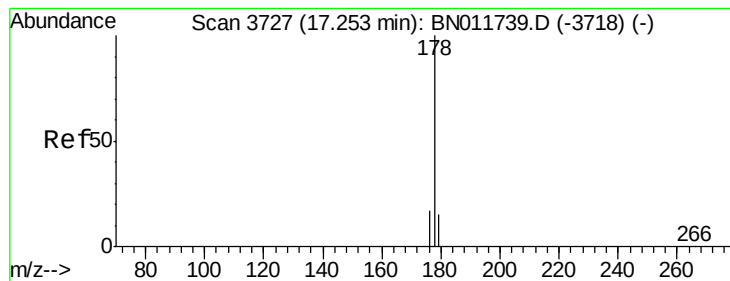
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#12
Phenanthrene
 Concen: 0.116 ng/ul
 RT: 17.16 min Scan# 3705
 Delta R.T. 0.00 min
 Lab File: BN011741.D
 Acq: 08 Sep 2020 17:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.6	19.0
176	21.5	16.0	24.0





#13

Anthracene

Concen: 0.112 ng/ul

RT: 17.25 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BN011741.D

Acq: 08 Sep 2020 17:42

Instrument :

BNA_N

ClientSampled :

C0AB2

Tot Ion:178 Resp: 2366

Ion Ratio Lower Upper

178 100

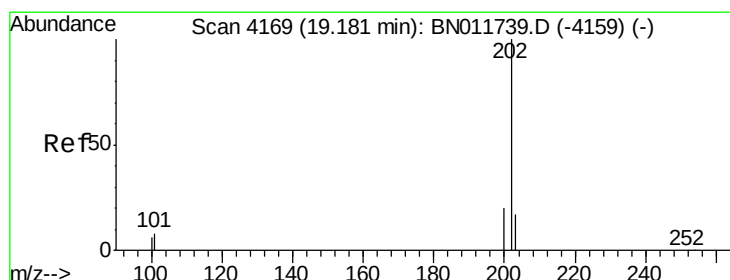
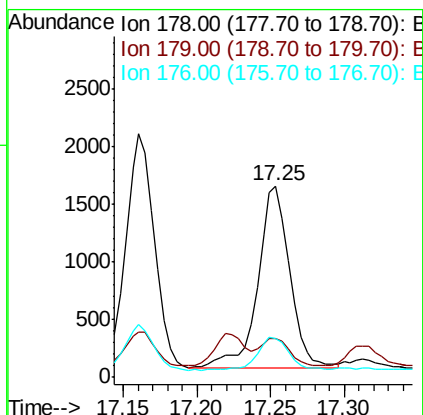
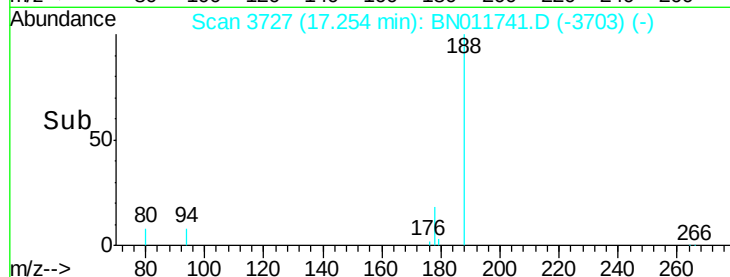
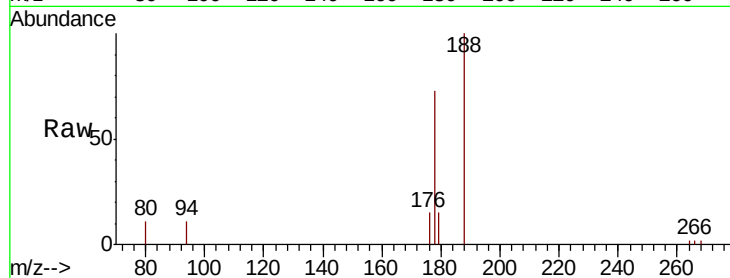
179 20.4 12.7 19.1#

176 20.6 14.8 22.2

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#15

Fluoranthene

Concen: 0.191 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. 0.00 min

Lab File: BN011741.D

Acq: 08 Sep 2020 17:42

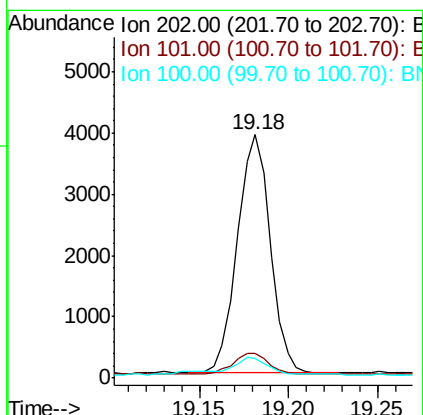
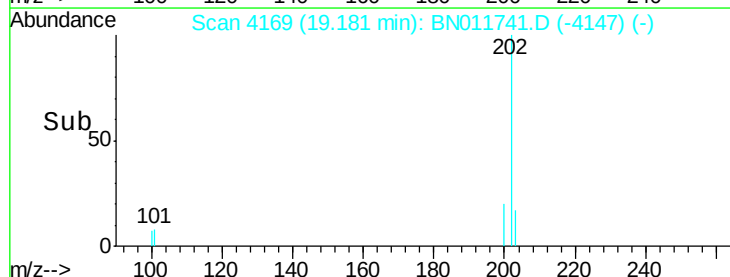
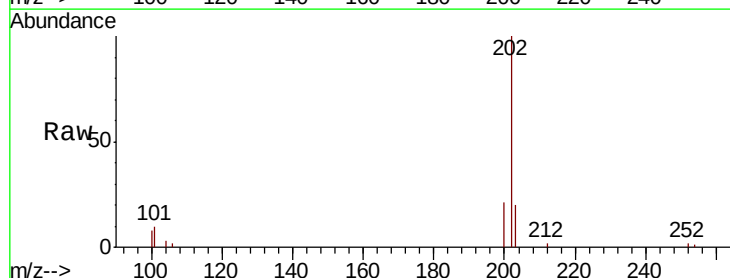
Tgt Ion:202 Resp: 5017

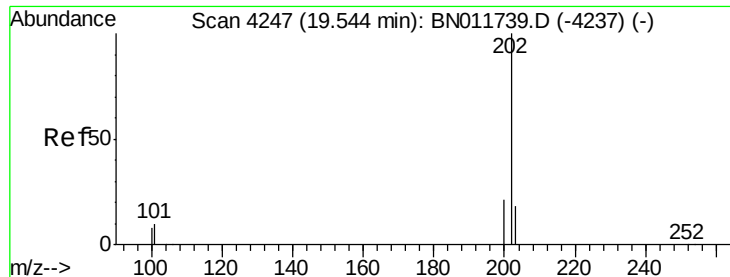
Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.1

100 8.0 0.0 27.4





#17

Pvrene

Concen: 0.470 ng/ul

RT: 19.54 min Scan# 4247

Delta R.T. -0.00 min

Lab File: BN011741.D

Acq: 08 Sep 2020 17:42

Instrument :

BNA_N

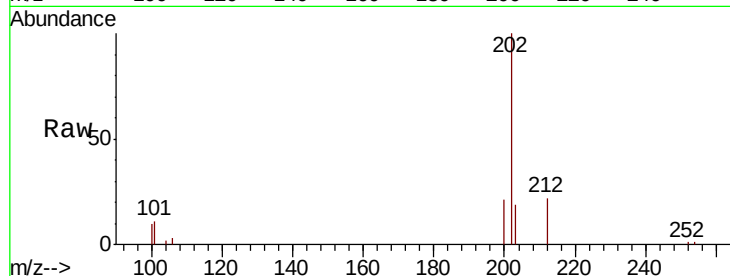
ClientSampleId :

C0AB2

Tot Ion:	202	Resp:	13443
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.0	12.0
100	9.7	6.5	9.7

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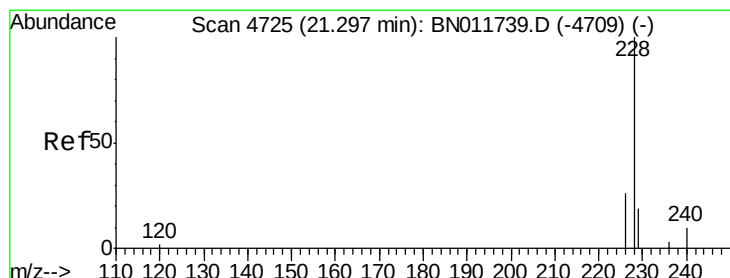
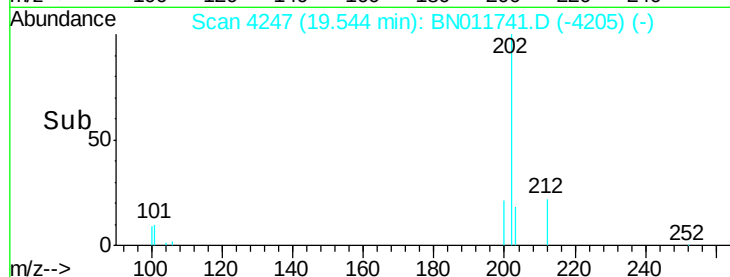
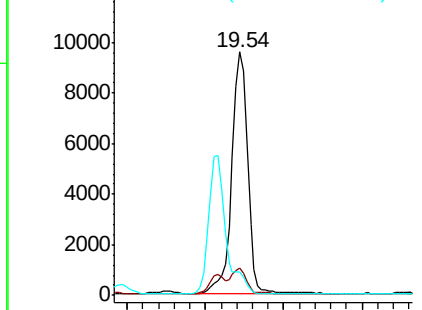
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.144 ng/ul m

RT: 21.29 min Scan# 4724

Delta R.T. -0.01 min

Lab File: BN011741.D

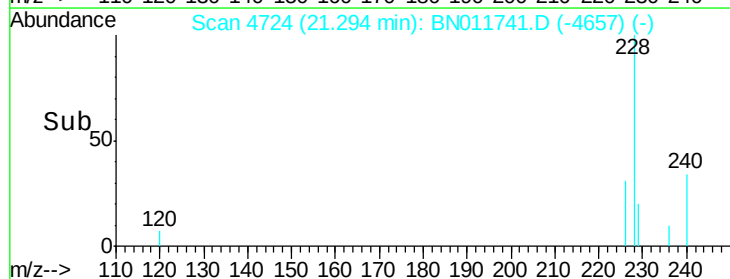
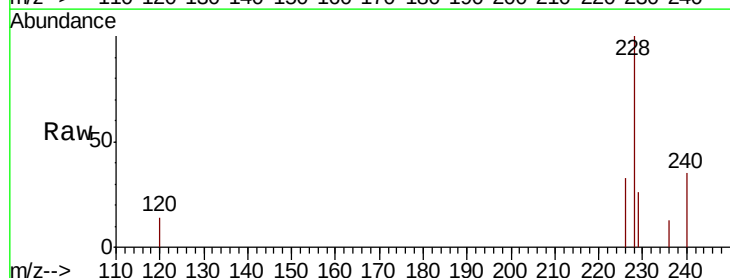
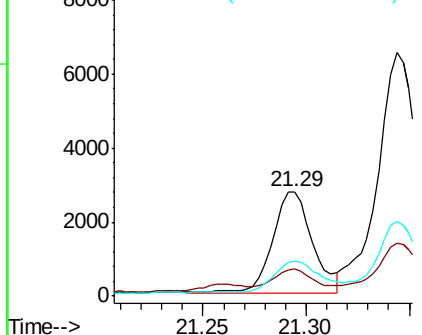
Acq: 08 Sep 2020 17:42

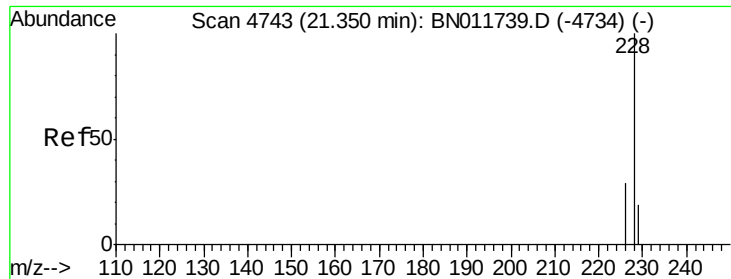
Tgt Ion:	228	Resp:	3610
Ion Ratio	Lower	Upper	
228	100		
229	25.6	15.9	23.9#
226	33.4	21.9	32.9#

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: 0.309 ng/ul

RT: 21.34 min Scan# 4741

Delta R.T. -0.01 min

Lab File: BN011741.D

Acq: 08 Sep 2020 17:42

Instrument :

BNA_N

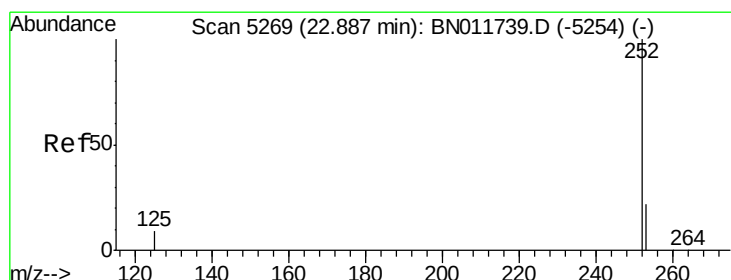
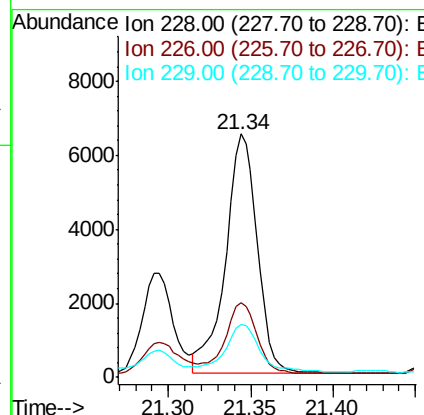
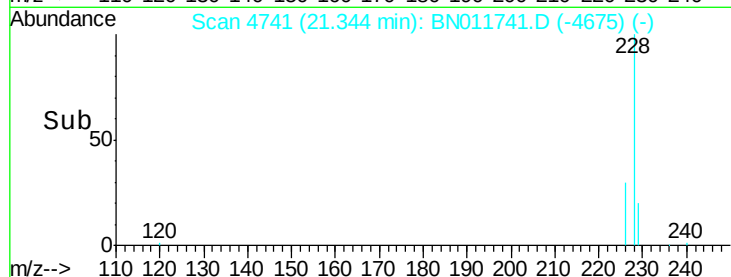
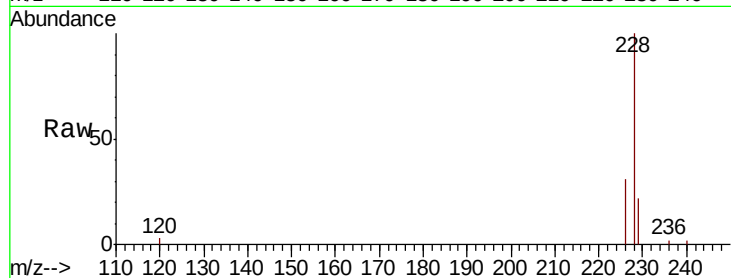
ClientSampled :

C0AB2

Tot Ion:228	Resp:	8660
Ion Ratio	Lower	Upper
228 100		
226 30.9	24.6	37.0
229 21.6	15.9	23.9

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#21

Benzo(b)fluoranthene

Concen: 0.538 ng/ul m

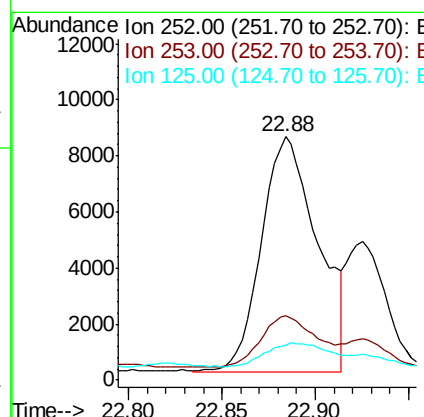
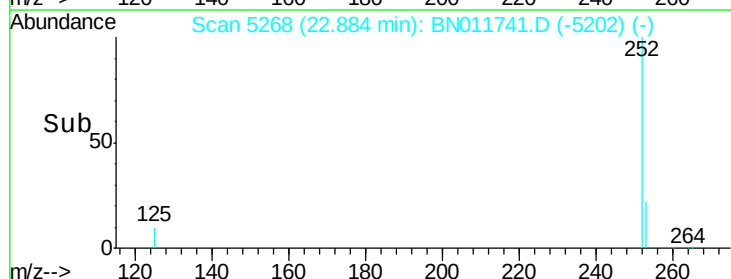
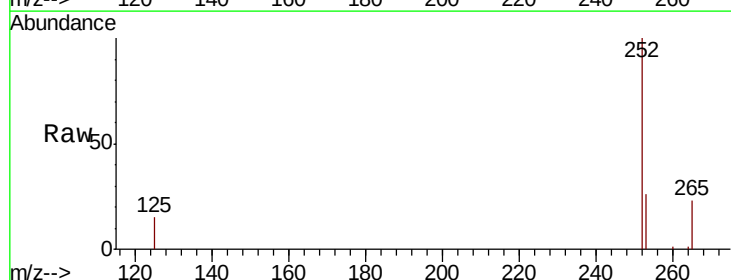
RT: 22.88 min Scan# 5268

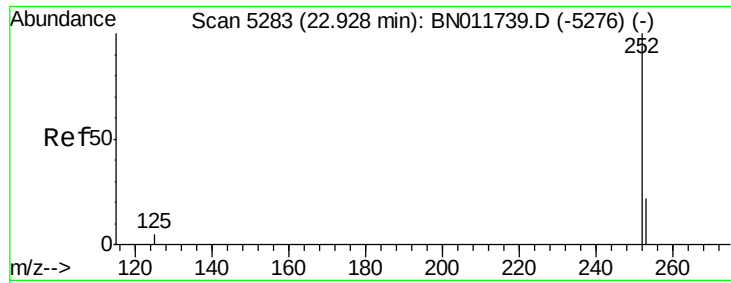
Delta R.T. -0.01 min

Lab File: BN011741.D

Acq: 08 Sep 2020 17:42

Tgt Ion:252	Resp:	17545
Ion Ratio	Lower	Upper
252 100		
253 26.4	0.0	50.6
125 14.6	0.0	23.6





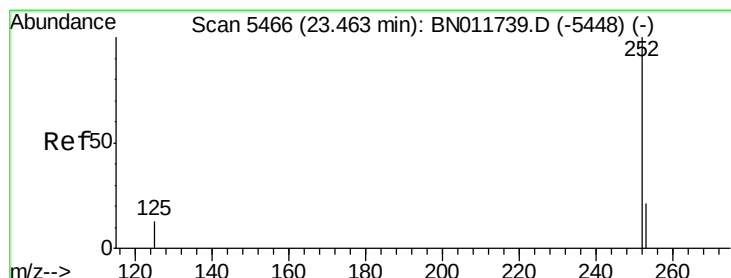
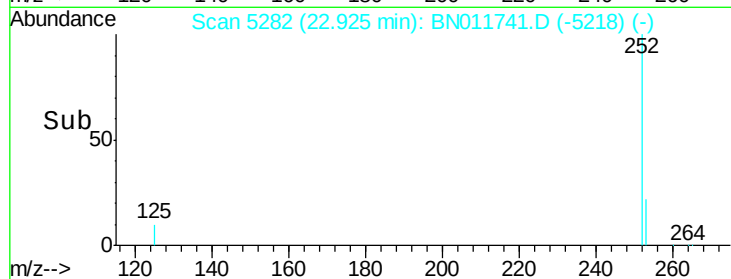
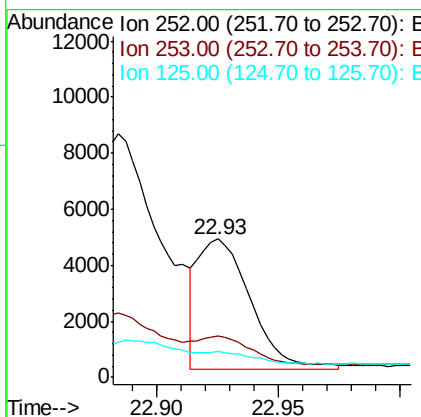
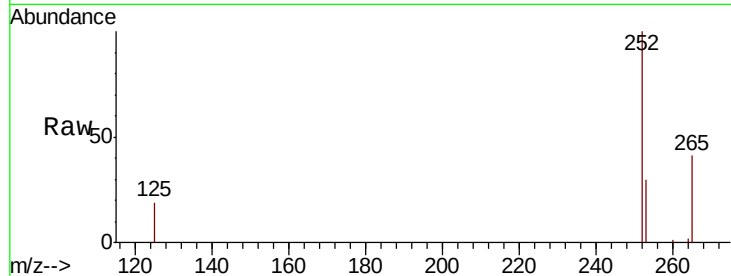
#22
Benzo(k)fluoranthene
Concen: 0.210 ng/ul m
RT: 22.93 min Scan# 5282
Delta R.T. -0.01 min
Lab File: BN011741.D
Acq: 08 Sep 2020 17:42

Instrument :
BNA_N
ClientSampled :
C0AB2

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.7	31.1
125	18.7	9.7	14.5#

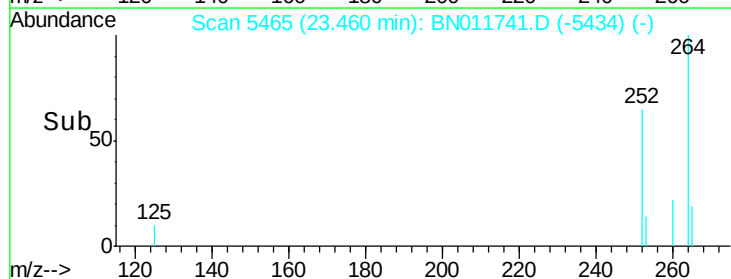
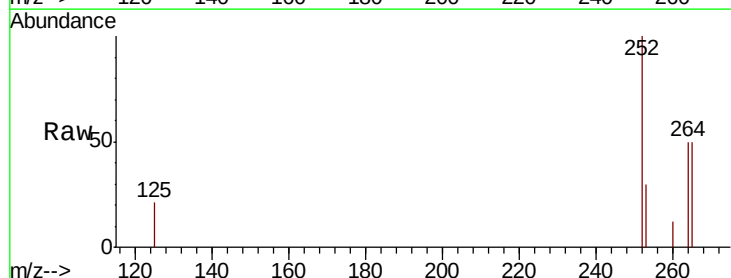
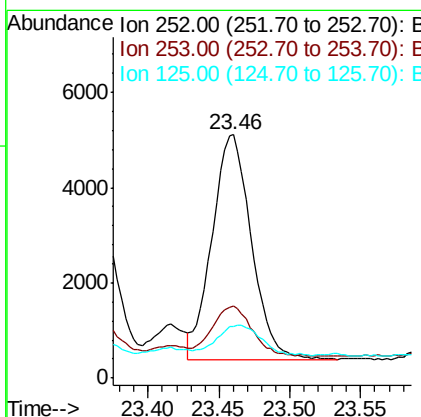
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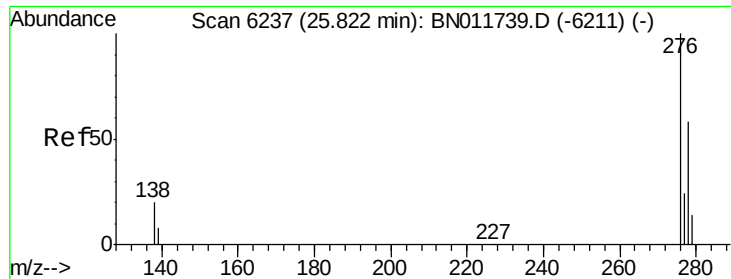
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#23
Benzo(a)pyrene
Concen: 0.324 ng/ul
RT: 23.46 min Scan# 5465
Delta R.T. -0.01 min
Lab File: BN011741.D
Acq: 08 Sep 2020 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	21.6	32.4
125	21.5	12.6	18.8#





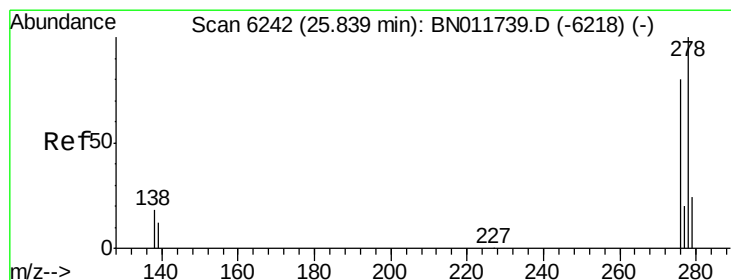
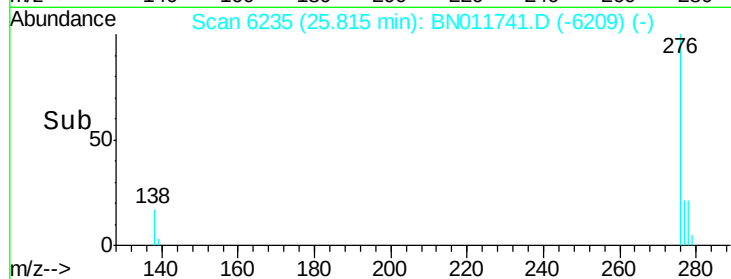
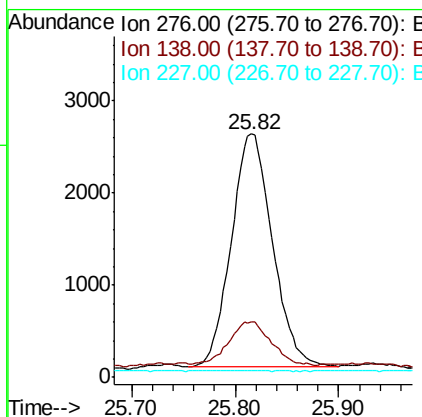
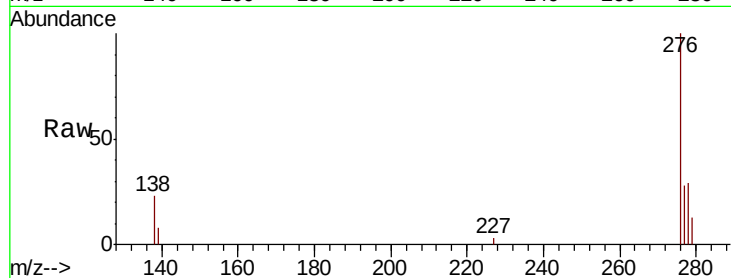
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.190 ng/ul
RT: 25.82 min Scan# 6235
Delta R.T. -0.01 min
Lab File: BN011741.D
Acq: 08 Sep 2020 17:42

Instrument :
BNA_N
ClientSampleId :
C0AB2

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	0.0	0.0#
227	0.1	0.1	0.1#

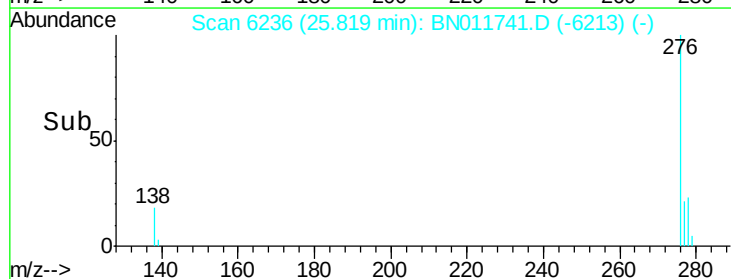
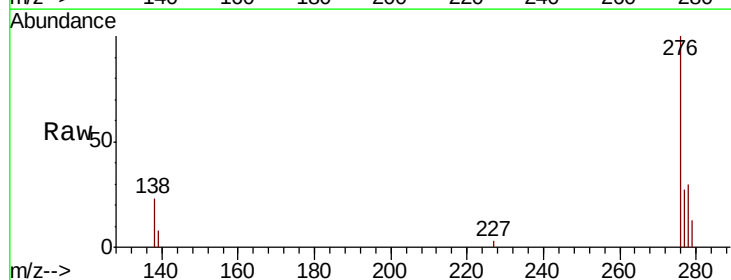
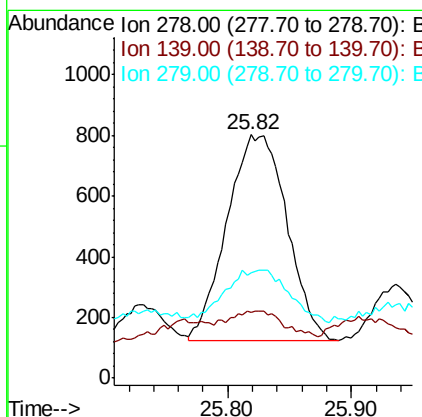
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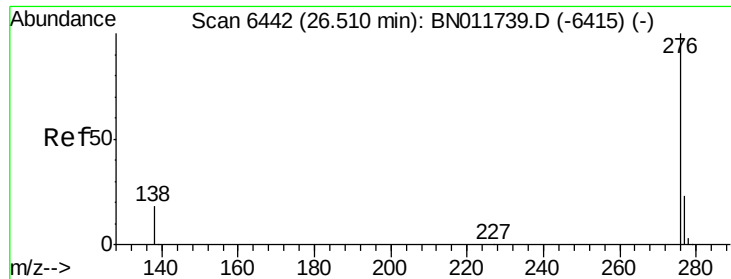
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#25
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 25.82 min Scan# 6236
Delta R.T. -0.02 min
Lab File: BN011741.D
Acq: 08 Sep 2020 17:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.9	12.4	18.6#
279	43.1	21.8	32.6#





#26
 Benzo(a,h,i)perylene
 Concen: 0.148 ng/ul
 RT: 26.51 min Scan# 6441
 Delta R.T. -0.01 min
 Lab File: BN011741.D
 Acq: 08 Sep 2020 17:42

Instrument :
 BNA_N
 ClientSampleId :
 C0AB2

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	14.7	22.1#
277	27.5	19.5	29.3

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:45:51 PM

