

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011743.D
 Acq On : 08 Sep 2020 18:54
 Operator : CG/JU
 Sample : L3840-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3

Manual Integrations
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Quant Time: Sep 09 06:43:44 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 : Wed Sep 09 06:29:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2034	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7959	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4836	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9975m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	8741	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	9031	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5551	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	11715	0.45	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1271	0.054	ng/ul#	85
7) Acenaphthylene	14.09	152	2808	0.120	ng/ul	96
9) Fluorene	15.43	166	513	0.024	ng/ul#	96
12) Phenanthrene	17.16	178	3319	0.099	ng/ul	97
13) Anthracene	17.25	178	5015	0.168	ng/ul	98
15) Fluoranthene	19.18	202	5632	0.151	ng/ul	94
17) Pyrene	19.54	202	15798	0.407	ng/ul#	92
18) Benzo(a)anthracene	21.29	228	12262	0.361	ng/ul	96
19) Chrysene	21.35	228	29085	0.766	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	28209m	0.666	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	12005m	0.277	ng/ul	
23) Benzo(a)pyrene	23.46	252	17628	0.482	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.82	276	10930	0.228	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	3159	0.081	ng/ul#	76
26) Benzo(g,h,i)perylene	26.51	276	10543	0.251	ng/ul	95

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

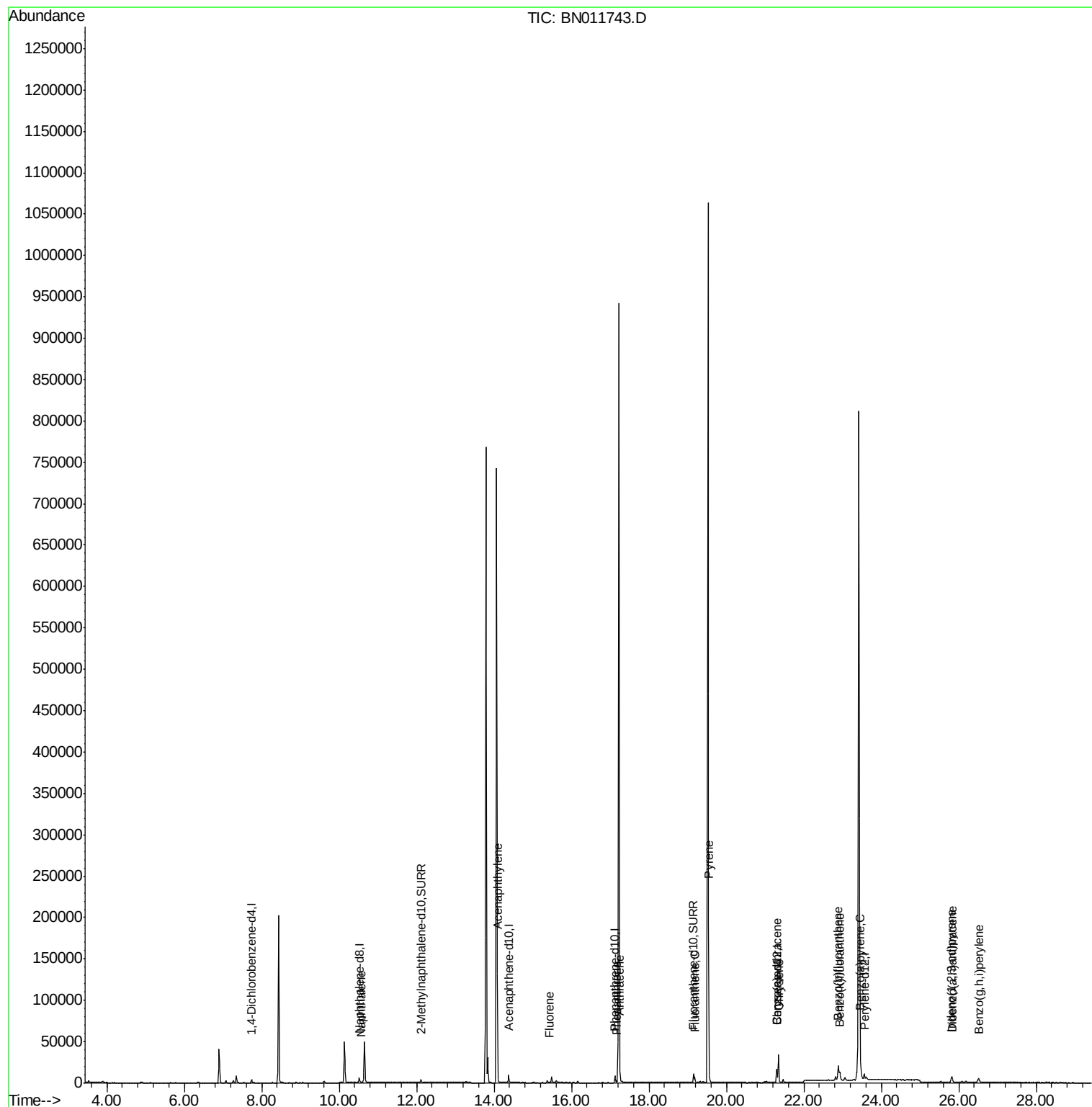
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011743.D
Acq On : 08 Sep 2020 18:54
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

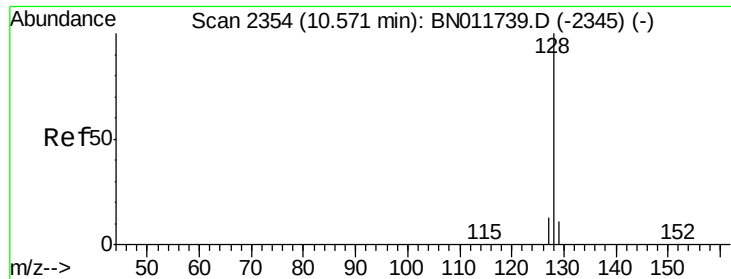
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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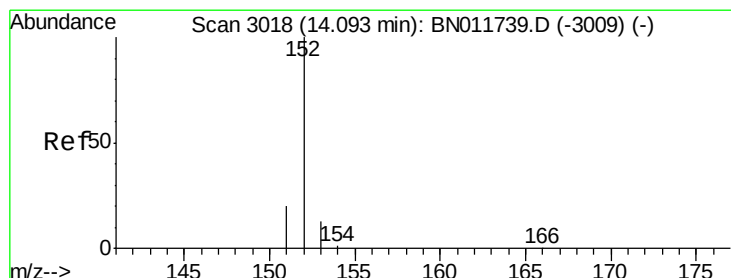
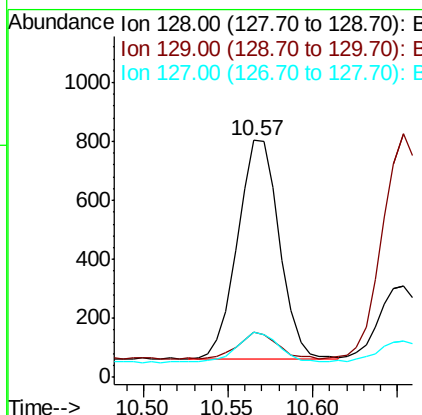
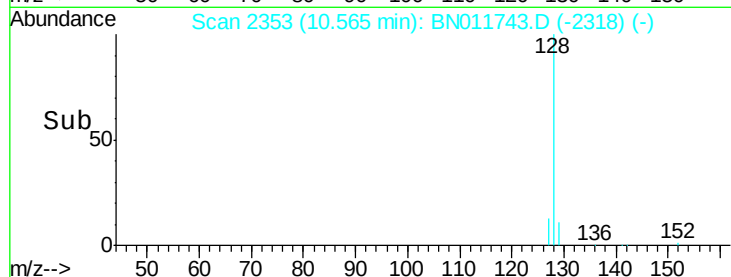
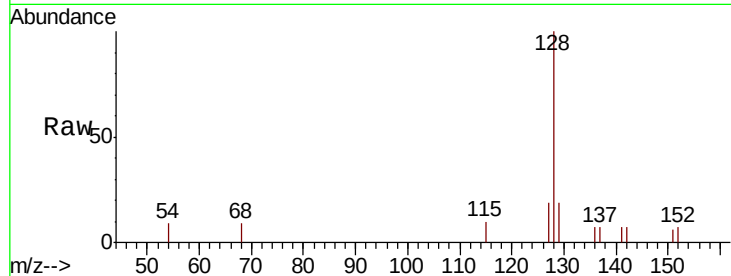
#3
Naphthalene
Concen: 0.054 ng/ul
RT: 10.57 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BN011743.D
Acq: 08 Sep 2020 18:54

Instrument :
BNA_N
ClientSampled :
C0AB3

Tot Ion:128	Resp:	1271
Ion Ratio	Lower	Upper
128	100	
129	18.9	9.8 14.6#
127	18.8	11.0 16.6#

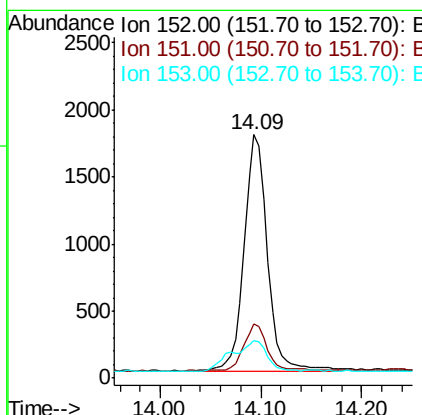
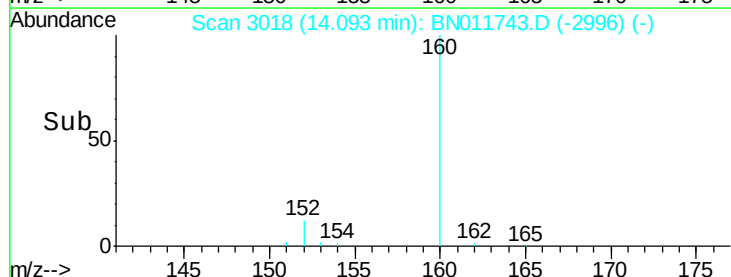
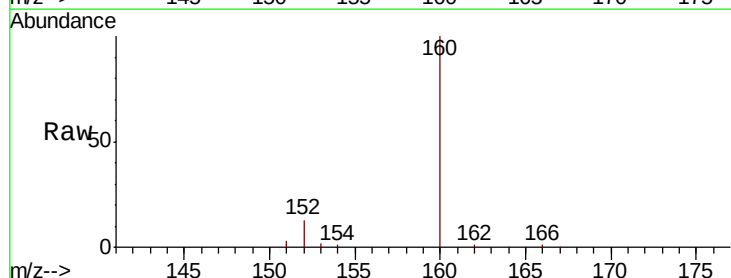
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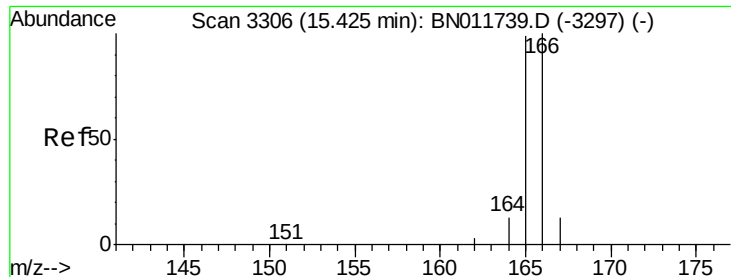
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#7
Acenaphthylene
Concen: 0.120 ng/ul
RT: 14.09 min Scan# 3018
Delta R.T. 0.00 min
Lab File: BN011743.D
Acq: 08 Sep 2020 18:54

Tgt Ion:152	Resp:	2808
Ion Ratio	Lower	Upper
152	100	
151	22.2	16.2 24.4
153	15.6	11.4 17.0





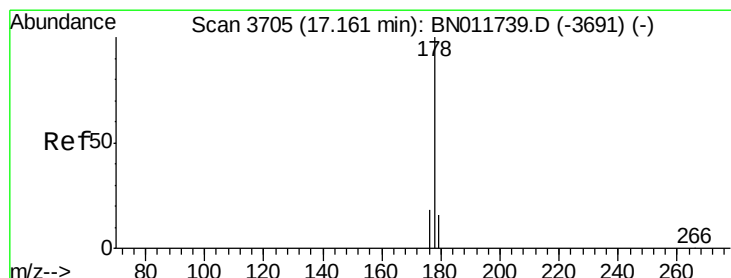
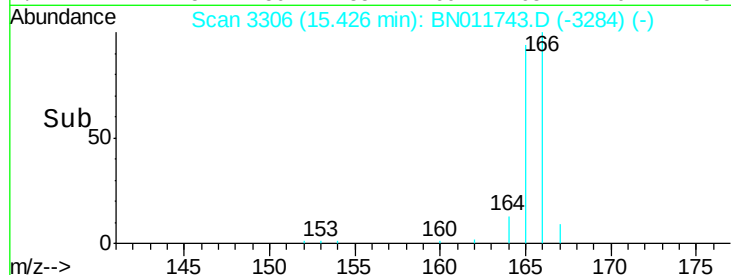
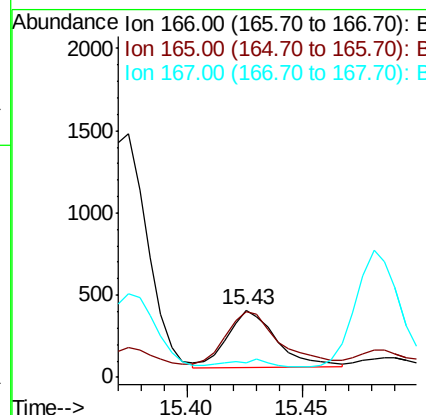
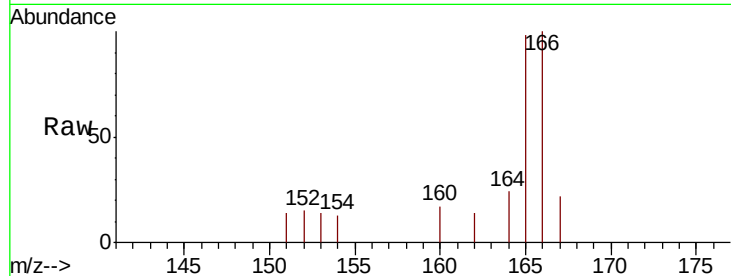
#9
Fluorene
 Concen: 0.024 ng/ul
 RT: 15.43 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: BN011743.D
 Acq: 08 Sep 2020 18:54

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.2	120.2
167	22.2	11.8	17.6

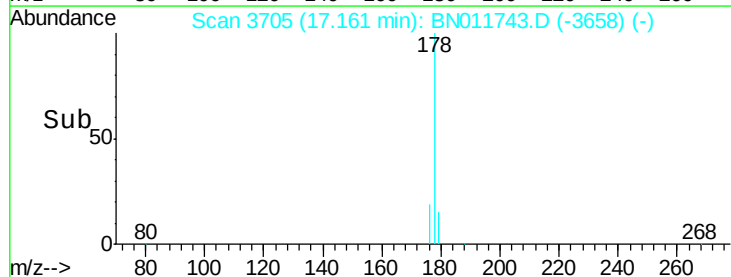
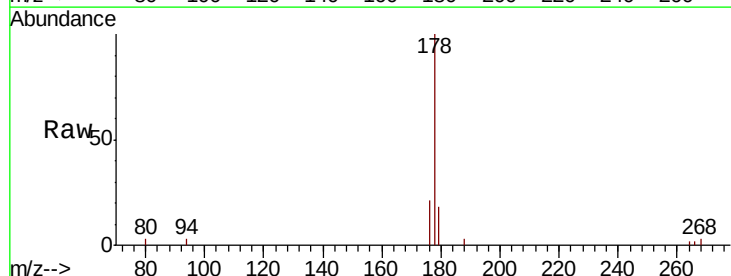
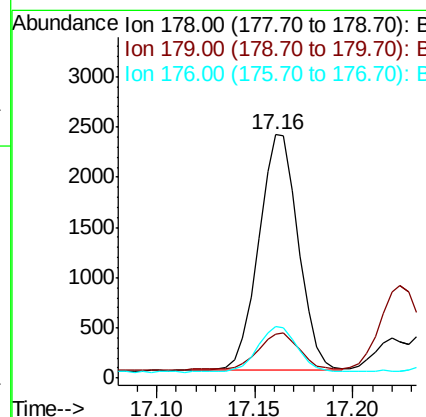
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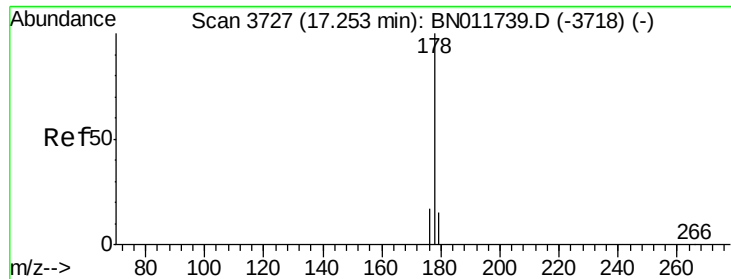
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#12
Phenanthrene
 Concen: 0.099 ng/ul
 RT: 17.16 min Scan# 3705
 Delta R.T. 0.00 min
 Lab File: BN011743.D
 Acq: 08 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.6	19.0
176	21.1	16.0	24.0





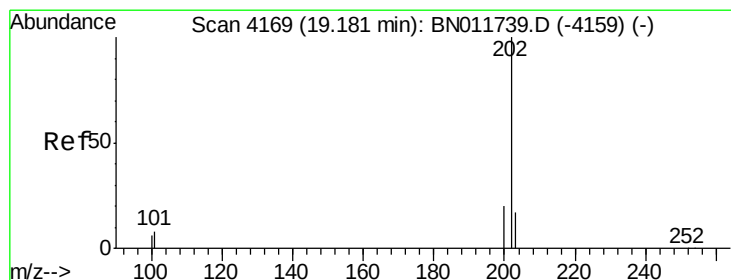
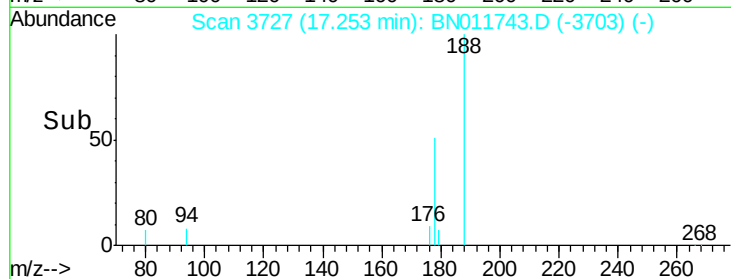
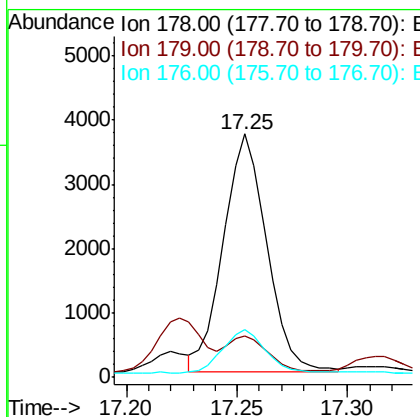
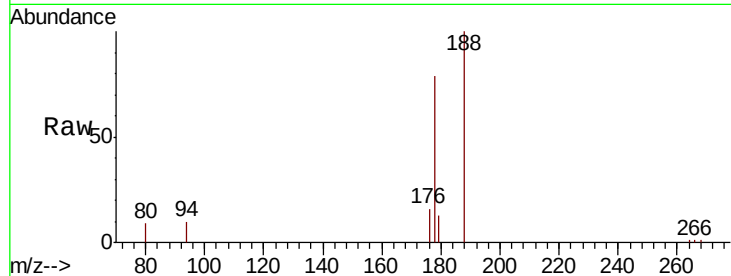
#13
 Anthracene
 Concen: 0.168 ng/ul
 RT: 17.25 min Scan# 3727
 Delta R.T. 0.00 min
 Lab File: BN011743.D
 Acq: 08 Sep 2020 18:54

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.7	19.1
176	19.8	14.8	22.2

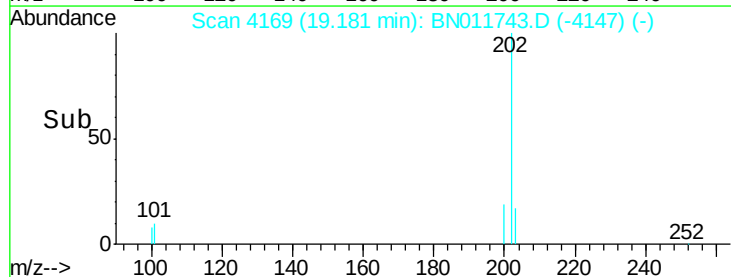
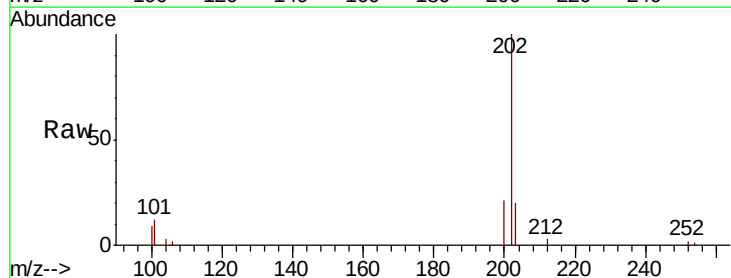
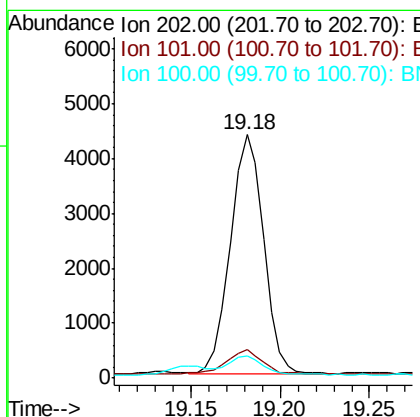
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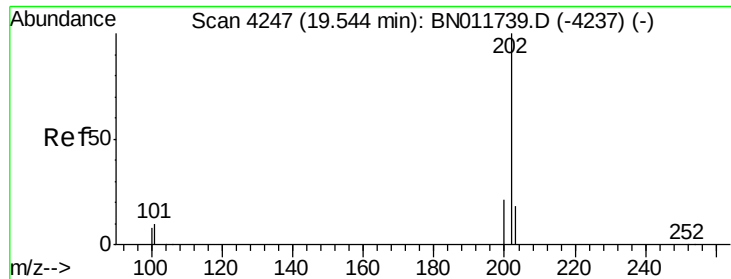
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#15
 Fluoranthene
 Concen: 0.151 ng/ul
 RT: 19.18 min Scan# 4169
 Delta R.T. 0.00 min
 Lab File: BN011743.D
 Acq: 08 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	29.1
100	9.1	0.0	27.4





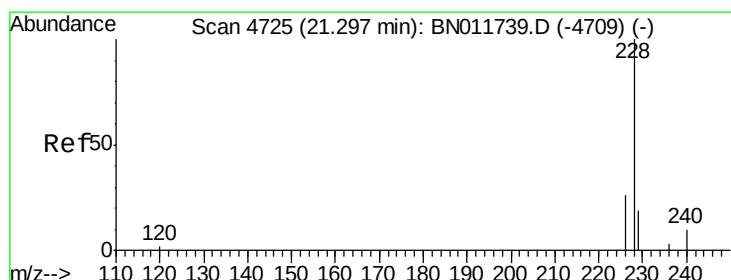
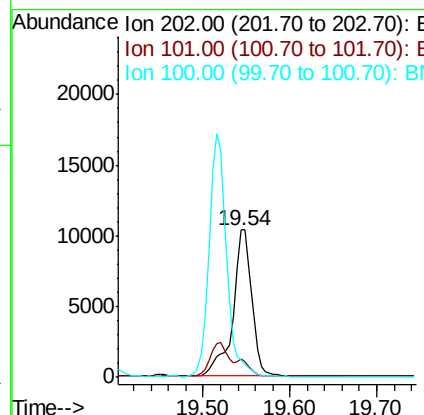
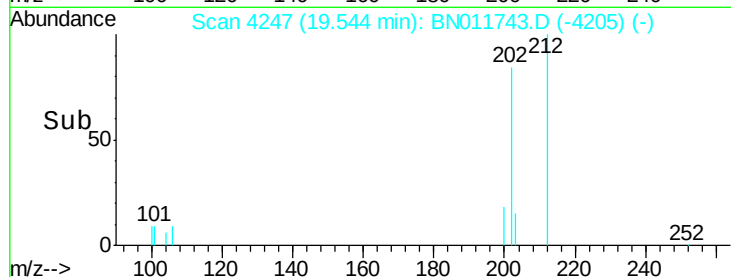
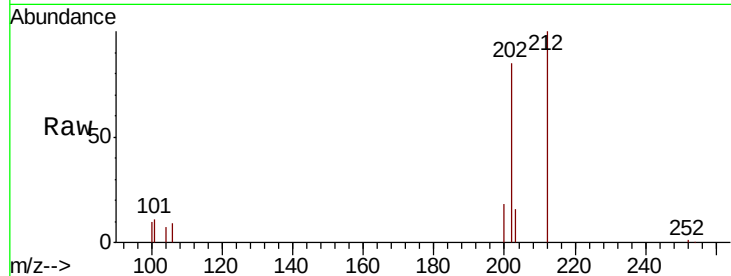
#17
Pvrene
Concen: 0.407 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. -0.00 min
Lab File: BN011743.D
Acq: 08 Sep 2020 18:54

Instrument :
BNA_N
ClientSampled :
C0AB3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	8.0	12.0#
100	11.4	6.5	9.7#

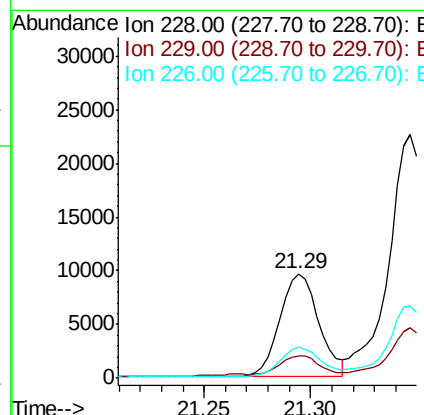
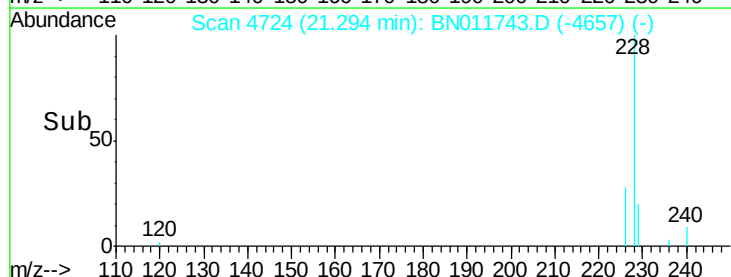
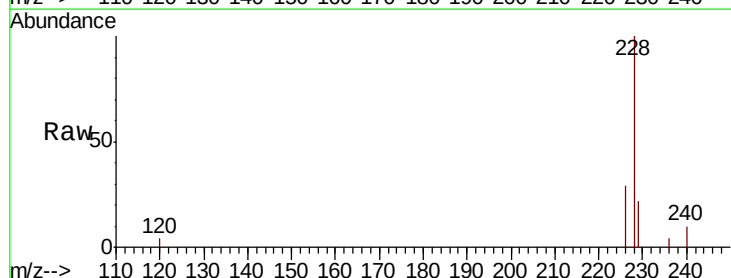
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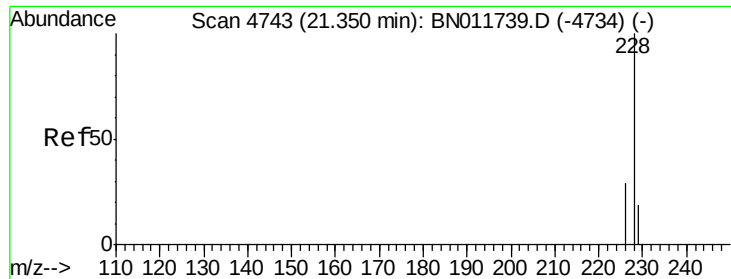
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#18
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011743.D
Acq: 08 Sep 2020 18:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	15.9	23.9
226	29.1	21.9	32.9





#19

Chrysene

Concen: 0.766 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

Instrument :

BNA_N

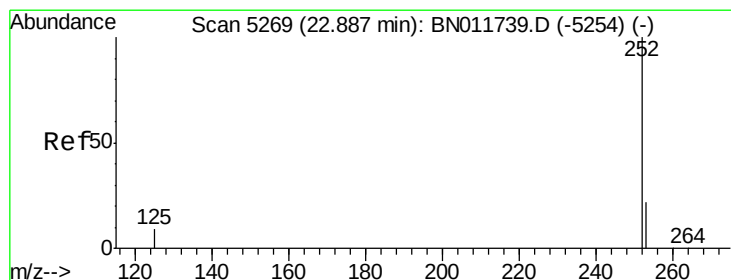
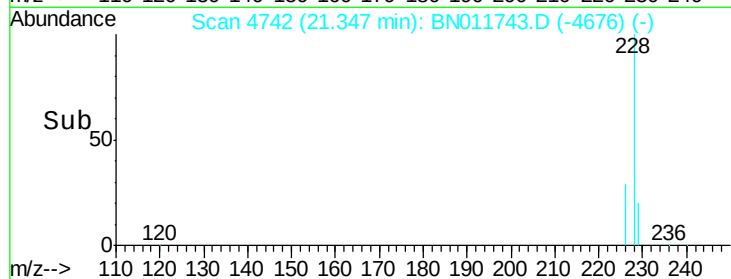
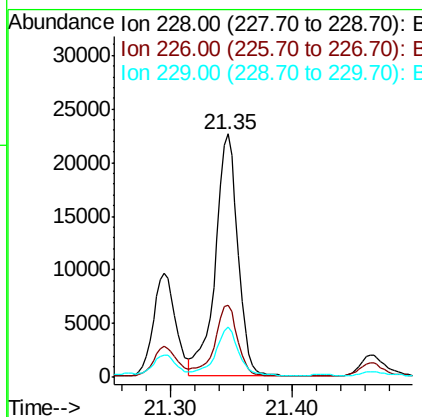
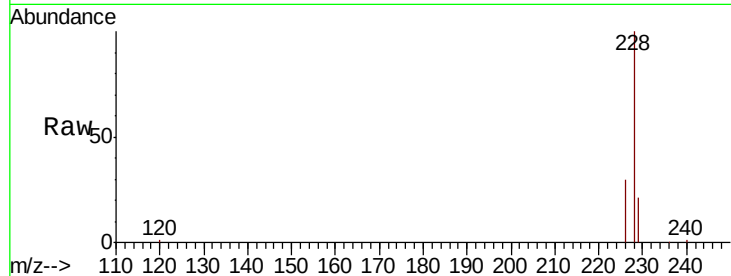
ClientSampleId :

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Tot Ion:	228	Resp:	29085
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.6	37.0
229	20.6	15.9	23.9

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#21

Benzo(b)fluoranthene

Concen: 0.666 ng/ul m

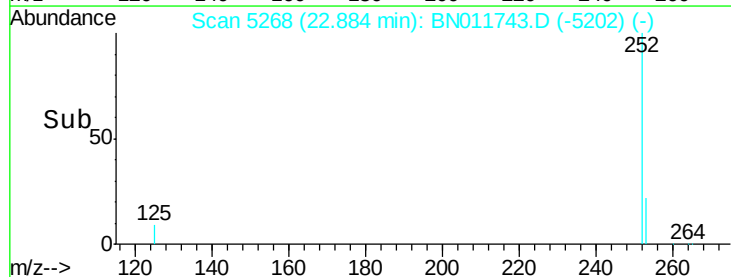
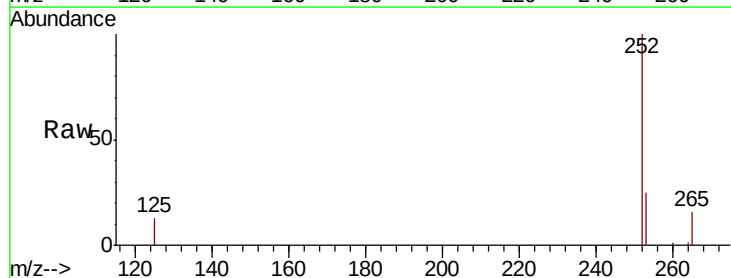
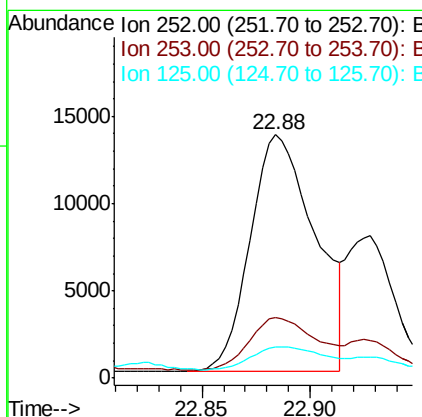
RT: 22.88 min Scan# 5268

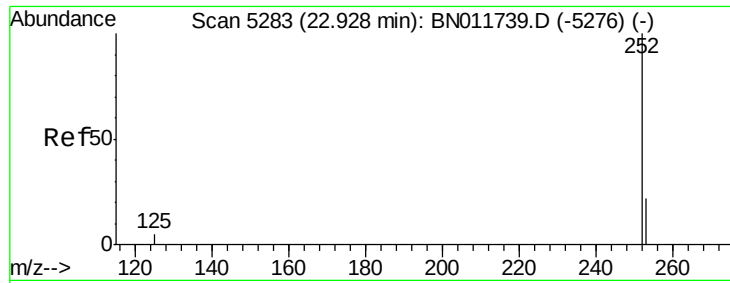
Delta R.T. -0.01 min

Lab File: BN011743.D

Acq: 08 Sep 2020 18:54

Tgt Ion:	252	Resp:	28209
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	50.6
125	12.5	0.0	23.6





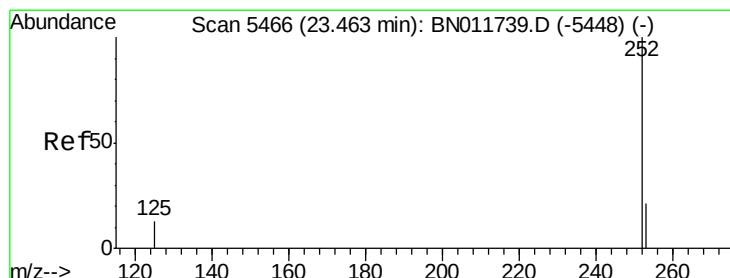
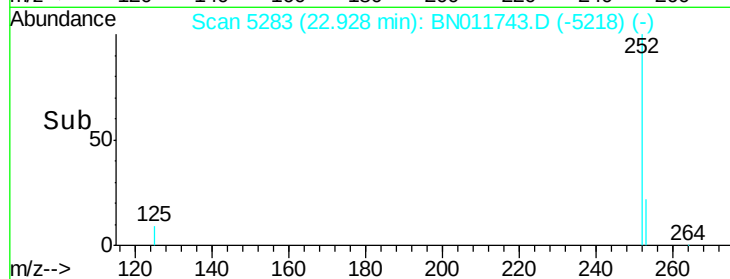
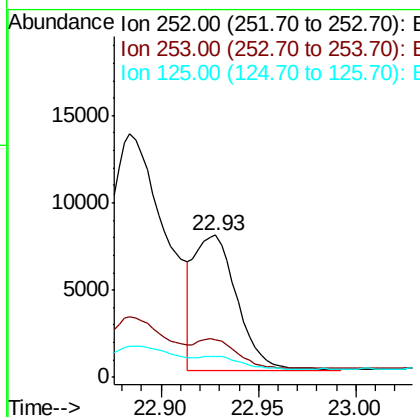
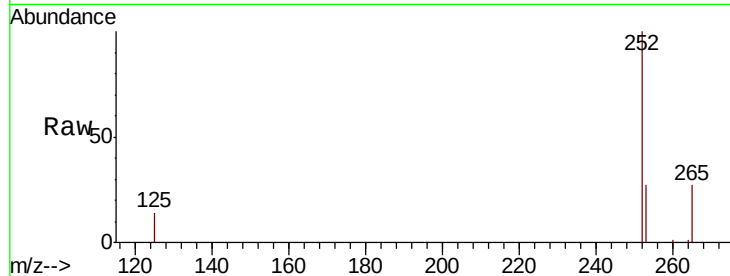
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Benzo(k)fluoranthene
Concen: 0.277 ng/ul m
RT: 22.93 min Scan# 5283
Delta R.T. -0.01 min
Lab File: BN011743.D
Acq: 08 Sep 2020 18:54

Instrument :
BNA_N
ClientSampleId :
C0AB3

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	20.7	31.1
125	14.5	9.7	14.5

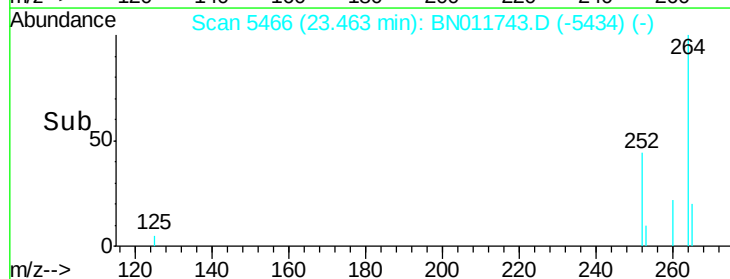
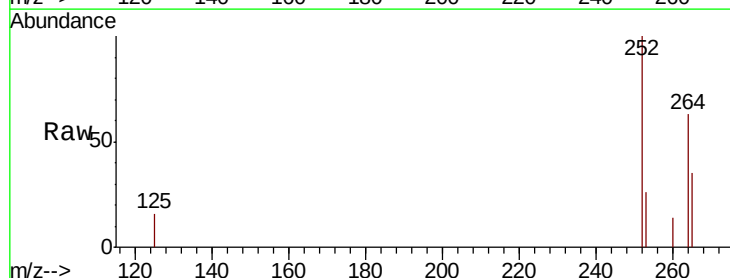
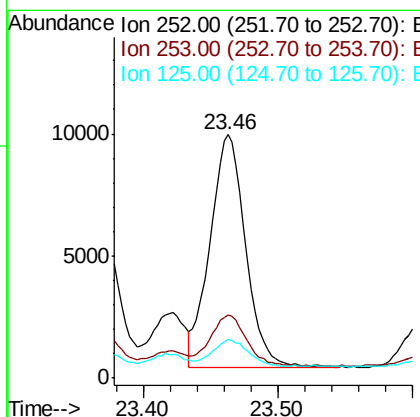
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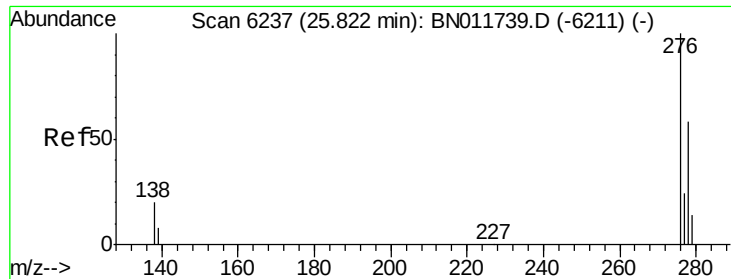
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#23
Benzo(a)pyrene
Concen: 0.482 ng/ul
RT: 23.46 min Scan# 5466
Delta R.T. -0.01 min
Lab File: BN011743.D
Acq: 08 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.6	32.4
125	16.1	12.6	18.8





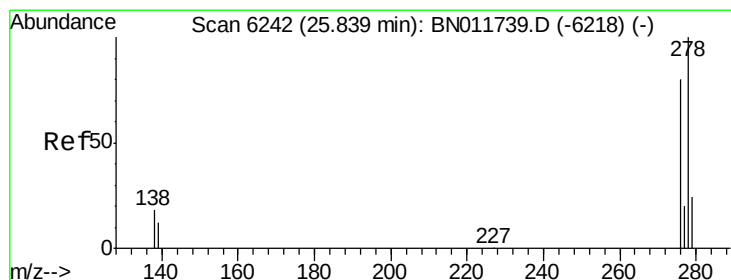
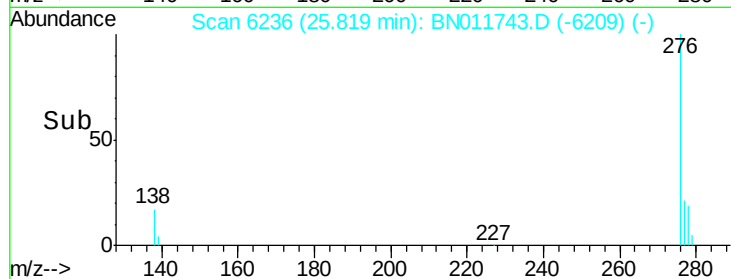
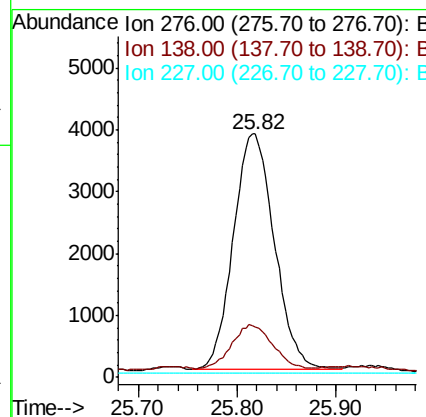
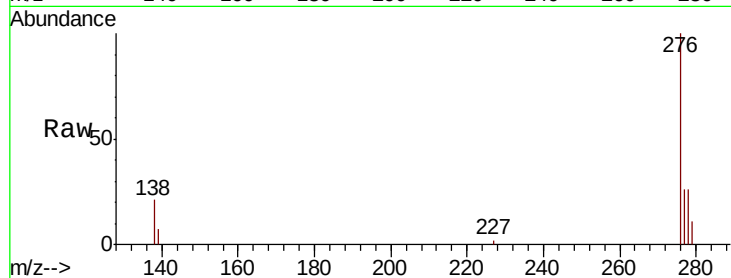
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 Indeno(1,2,3-cd)pyrene
 Concen: 0.228 ng/ul
 RT: 25.82 min Scan# 6236
 Delta R.T. -0.01 min
 Lab File: BN011743.D
 Acq: 08 Sep 2020 18:54

Instrument :
 BNA_N
 ClientSampled :
 C0AB3

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	0.0	0.0#
227	0.1	0.1	0.1#

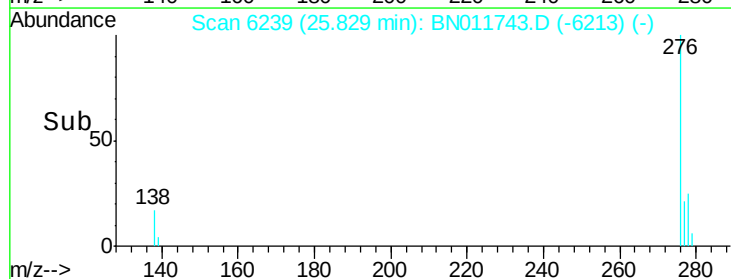
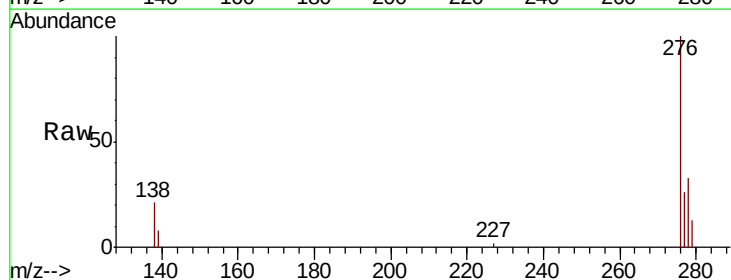
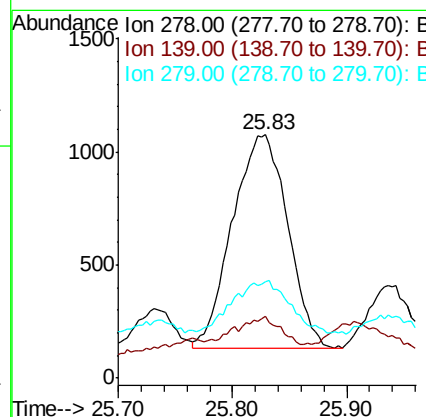
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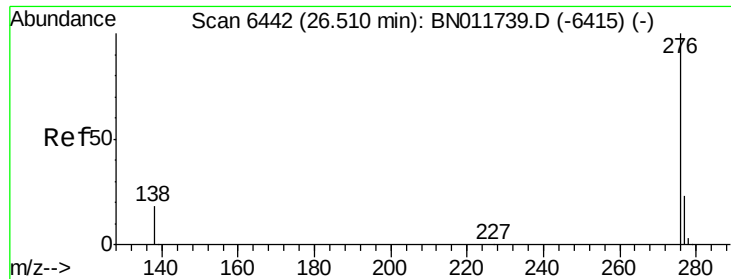
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.081 ng/ul
 RT: 25.83 min Scan# 6239
 Delta R.T. -0.01 min
 Lab File: BN011743.D
 Acq: 08 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.6	12.4	18.6#
279	39.5	21.8	32.6#





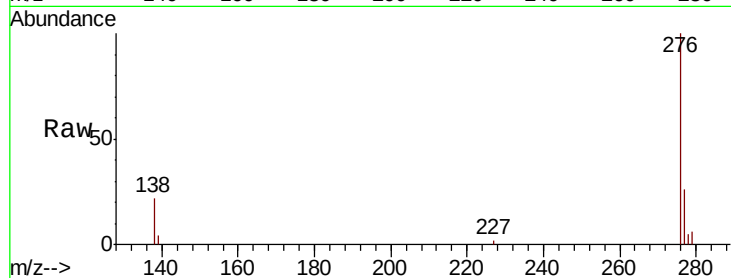
#26
 Benzo(a,h,i)perylene
 Concen: 0.251 ng/ul
 RT: 26.51 min Scan# 6442
 Delta R.T. -0.01 min
 Lab File: BN011743.D
 Acq: 08 Sep 2020 18:54

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	14.7	22.1
277	25.7	19.5	29.3

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:46:07 PM



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

