

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011719.D
 Acq On : 05 Sep 2020 02:36
 Operator : CG/JU
 Sample : L3840-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA4

Manual Integrations
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mohammad
 9/8/2020 1:47:29 PM

Quant Time: Sep 08 11:05:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2749	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	10868	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	6328	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	13587	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	11808	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	11805	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2955	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6977	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	2311	0.073	ng/ul	96
7) Acenaphthylene	14.10	152	3909	0.123	ng/ul	99
12) Phenanthrene	17.16	178	2709	0.059	ng/ul	96
13) Anthracene	17.25	178	4142m	0.110	ng/ul	
15) Fluoranthene	19.19	202	11126	0.210	ng/ul	98
17) Pyrene	19.55	202	26127m	0.566	ng/ul	
18) Benzo(a)anthracene	21.29	228	11771	0.297	ng/ul	97
19) Chrysene	21.35	228	25658	0.480	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	46694m	0.910	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	19022m	0.335	ng/ul	
23) Benzo(a)pyrene	23.46	252	31030	0.720	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.82	276	18768	0.322	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.83	278	5546	0.117	ng/ul#	88
26) Benzo(g,h,i)perylene	26.52	276	16238	0.298	ng/ul	98

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

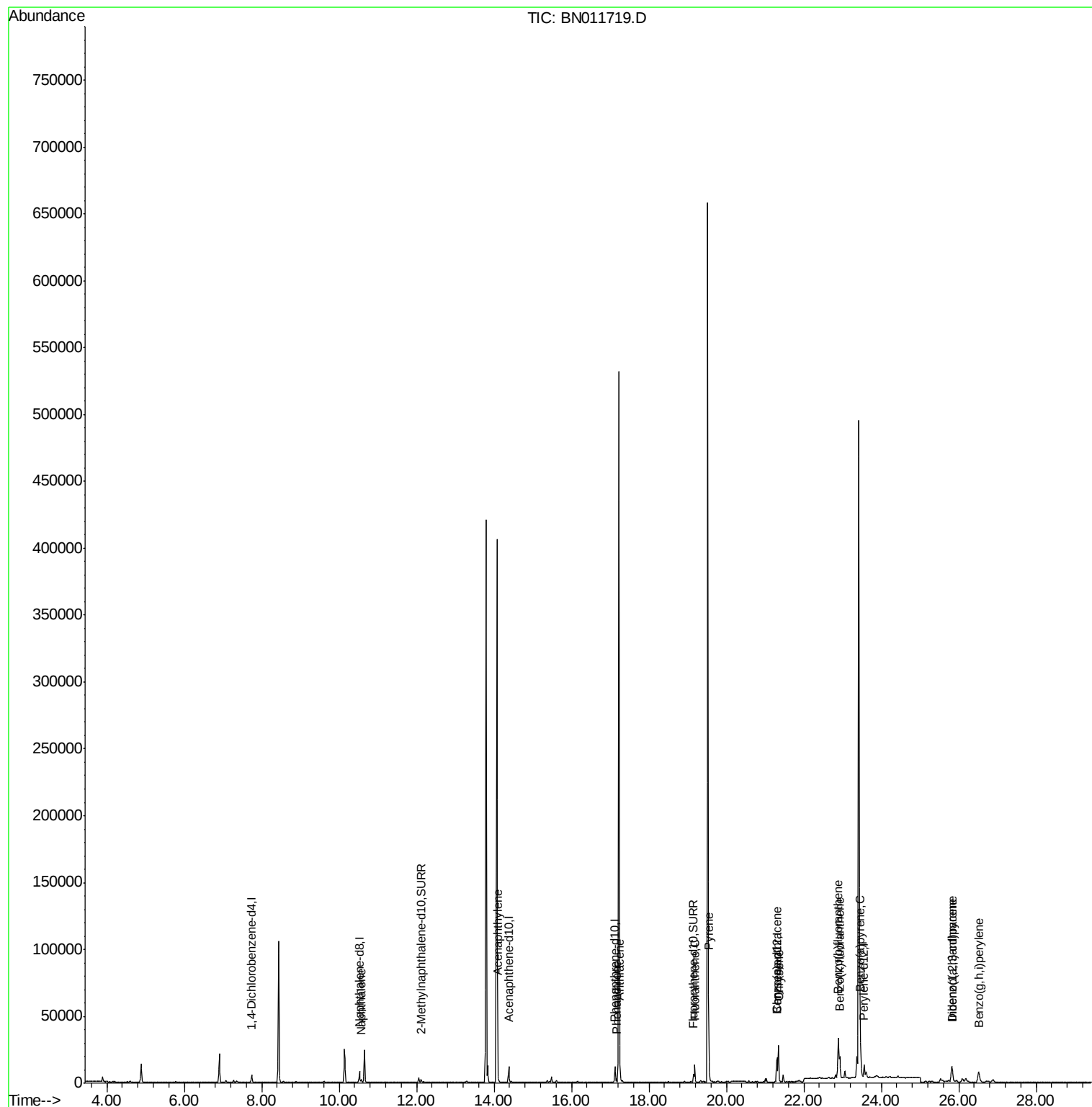
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011719.D
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Sample : L3840-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

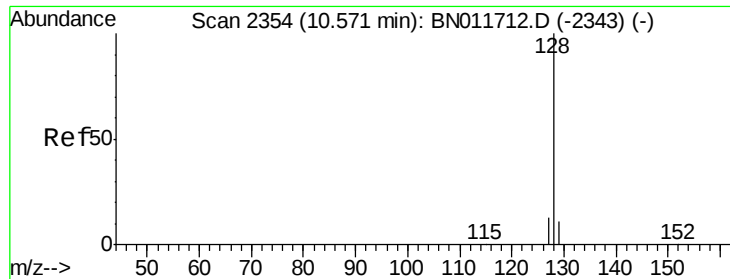
Instrument :
BNA_N
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C0AA4

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Quant Time: Sep 08 11:05:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.073 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

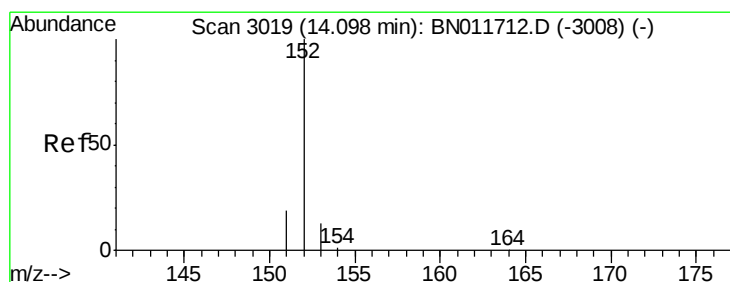
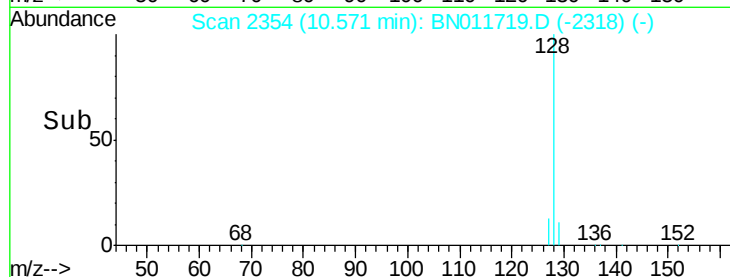
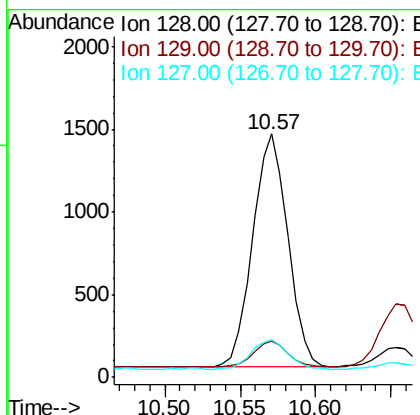
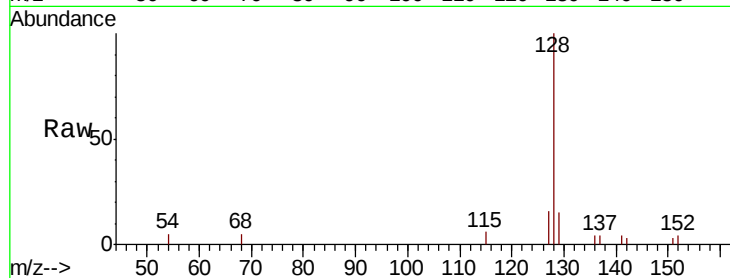
ClientSampleId :

C0AA4

Tot Ion:	128	Resp:	2311
Ion Ratio	Lower	Upper	
128	100		
129	14.8	10.4	15.6
127	15.6	11.4	17.0

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#7

Acenaphthylene

Concen: 0.123 ng/ul

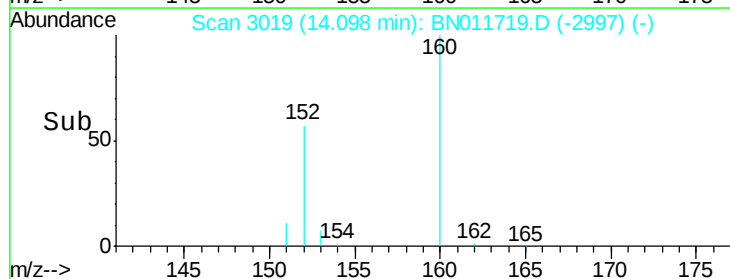
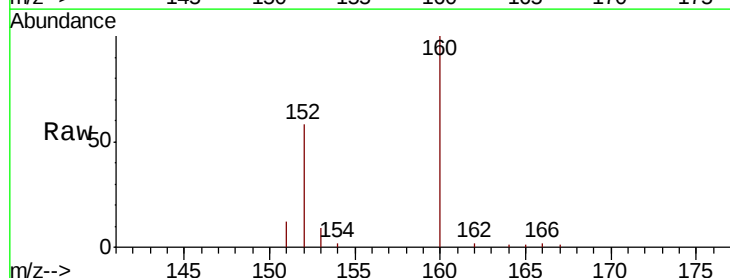
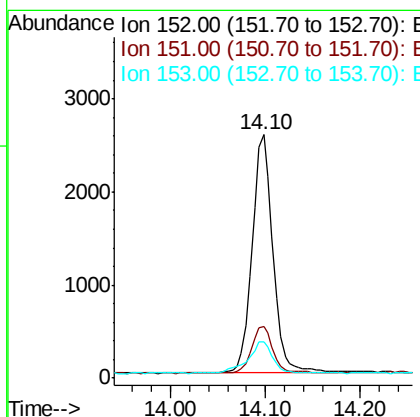
RT: 14.10 min Scan# 3019

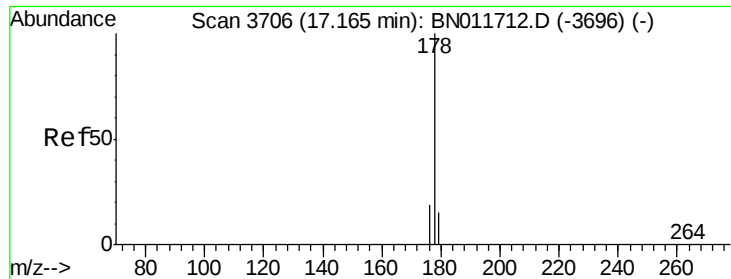
Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Tgt Ion:	152	Resp:	3909
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.7	25.1
153	14.8	12.3	18.5





#12

Phenanthrene

Concen: 0.059 ng/ul

RT: 17.16 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

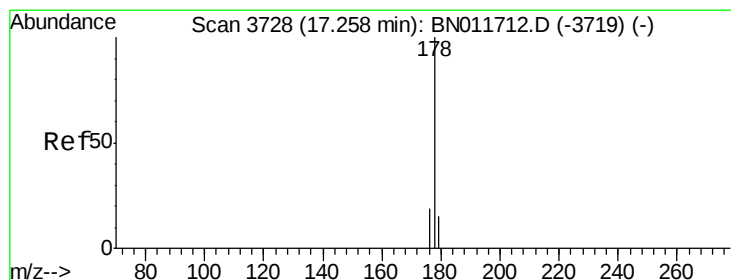
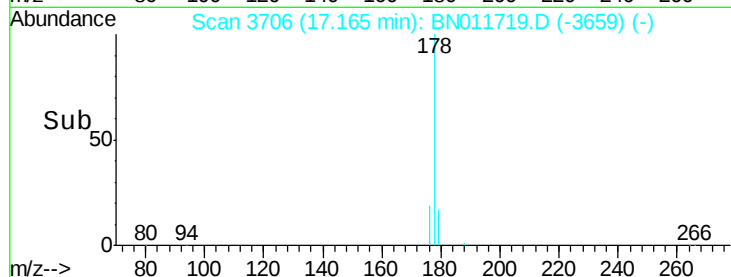
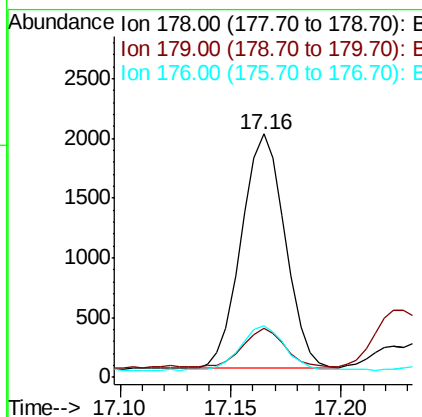
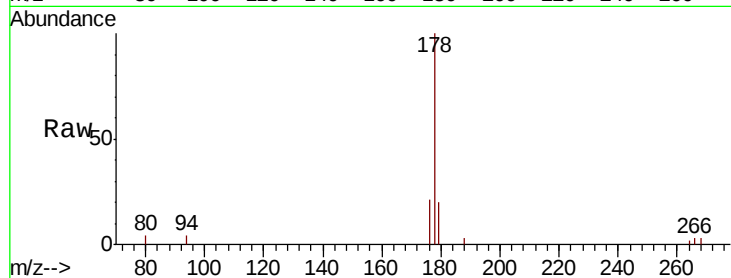
ClientSampleId :

C0AA4

Tot Ion:178	Resp:	2709
Ion Ratio	Lower	Upper
178	100	
179	20.1	13.8 20.8
176	21.3	16.3 24.5

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#13

Anthracene

Concen: 0.110 ng/ul m

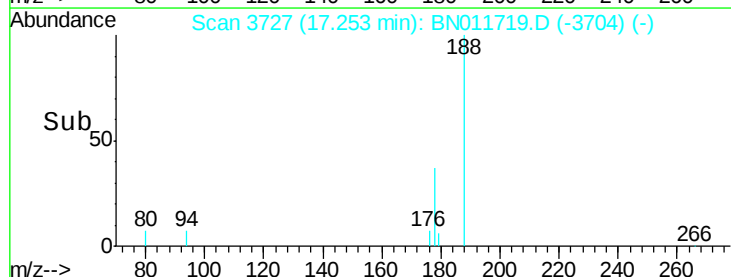
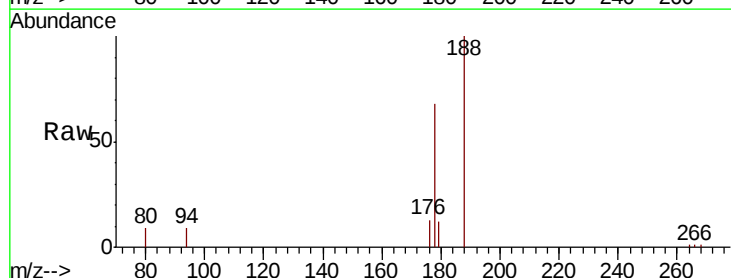
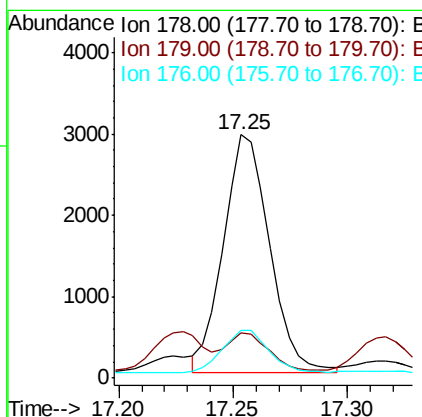
RT: 17.25 min Scan# 3727

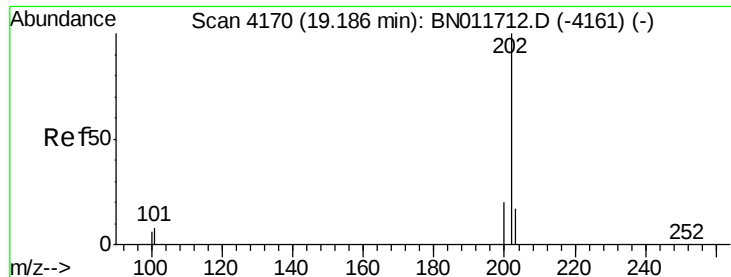
Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Tgt Ion:178	Resp:	4142
Ion Ratio	Lower	Upper
178	100	
179	18.3	14.2 21.2
176	19.7	15.8 23.8





#15

Fluoranthene

Concen: 0.210 ng/ul

RT: 19.19 min Scan# 4170

Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

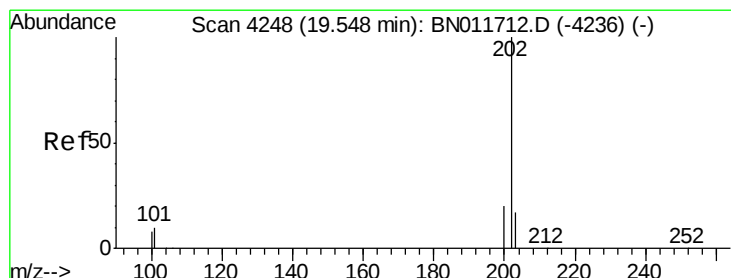
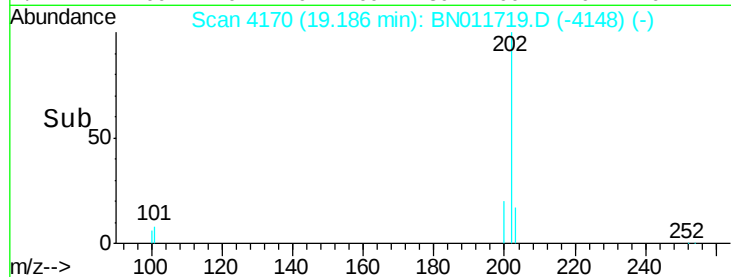
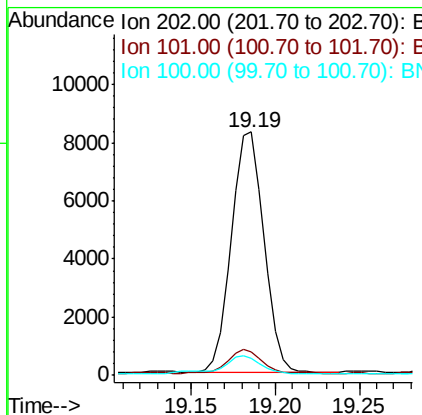
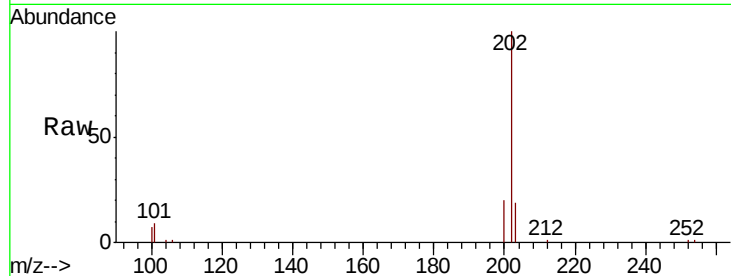
ClientSampleId :

C0AA4

Tot Ion:	202	Resp:	11126
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	28.3
100	6.9	0.0	27.1

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#17

Pyrene

Concen: 0.566 ng/ul m

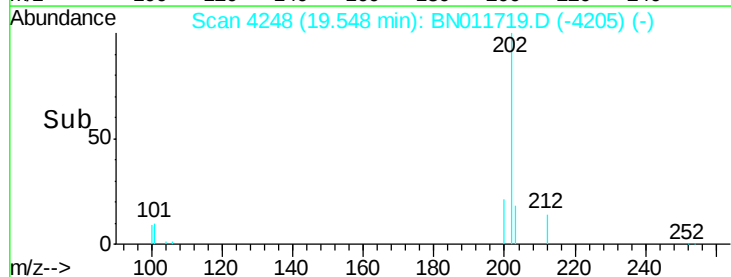
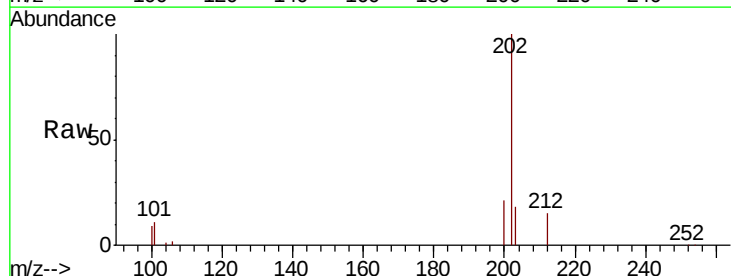
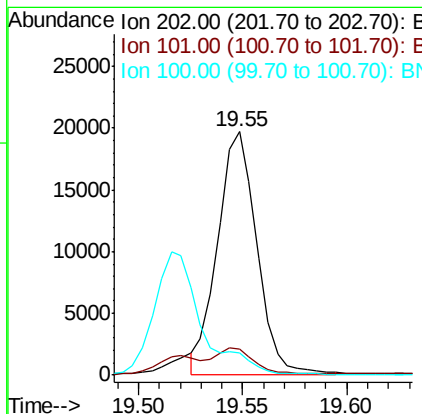
RT: 19.55 min Scan# 4248

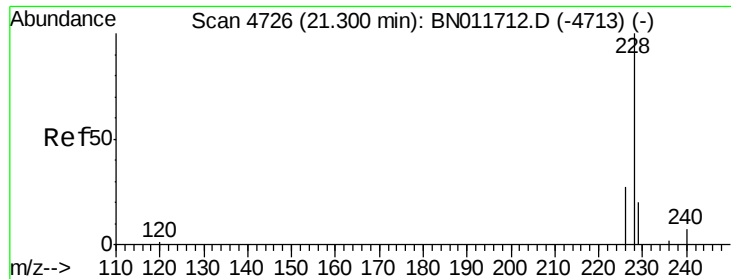
Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Tgt Ion:	202	Resp:	26127
Ion Ratio	Lower	Upper	
202	100		
101	10.7	7.3	10.9
100	9.0	6.7	10.1





#18

Benzo(a)anthracene

Concen: 0.297 ng/ul

RT: 21.29 min Scan# 4724

Delta R.T. -0.01 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

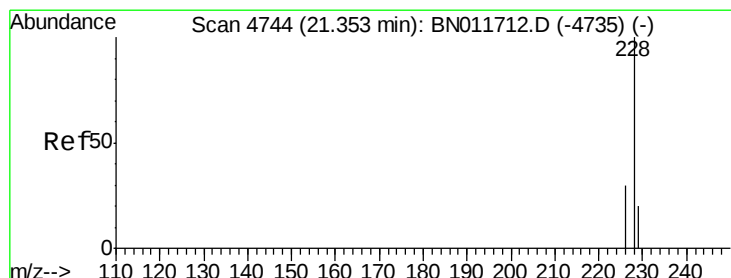
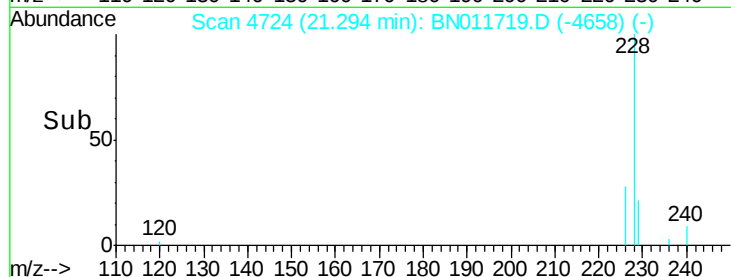
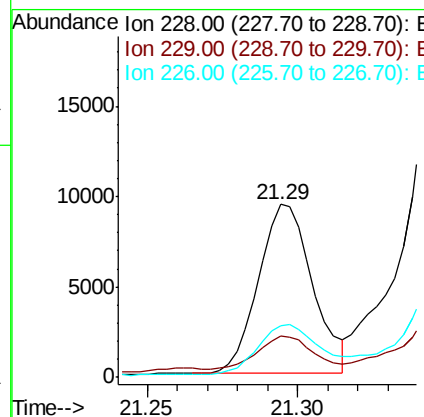
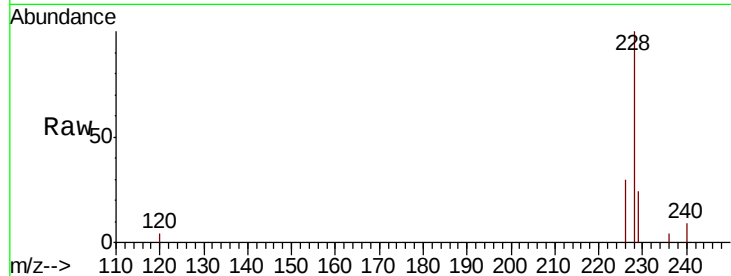
ClientSampleId :

C0AA4

Tot Ion:228	Resp:	11771
Ion Ratio	Lower	Upper
228	100	
229	23.5	16.7 25.1
226	29.5	22.9 34.3

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#19

Chrysene

Concen: 0.480 ng/ul

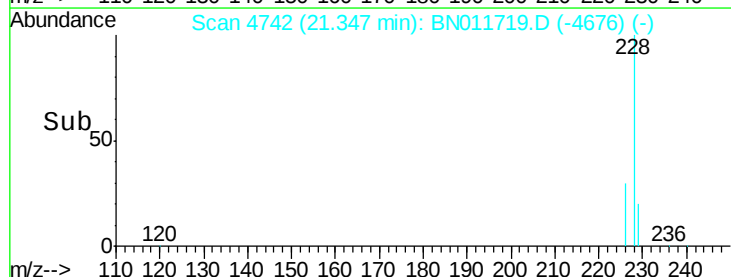
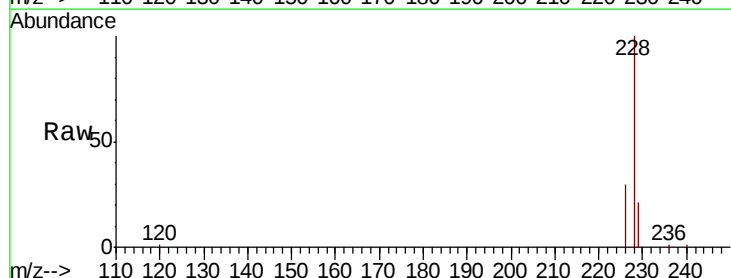
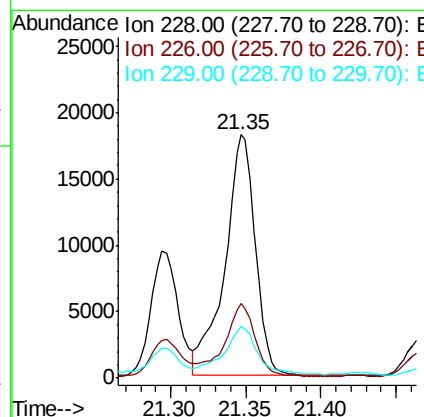
RT: 21.35 min Scan# 4742

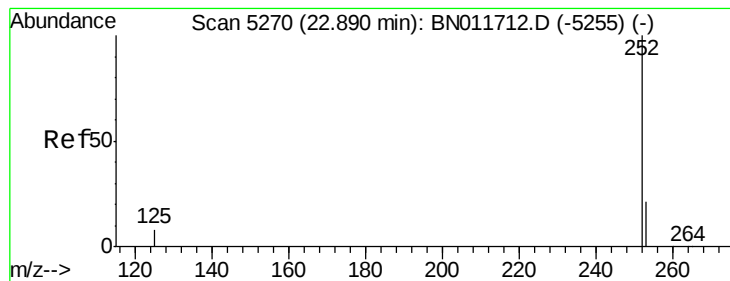
Delta R.T. -0.01 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Tgt Ion:228	Resp:	25658
Ion Ratio	Lower	Upper
228	100	
226	30.5	24.1 36.1
229	21.1	16.4 24.6





#21

Benzo(b)fluoranthene

Concen: 0.910 ng/ul m

RT: 22.89 min Scan# 5269

Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

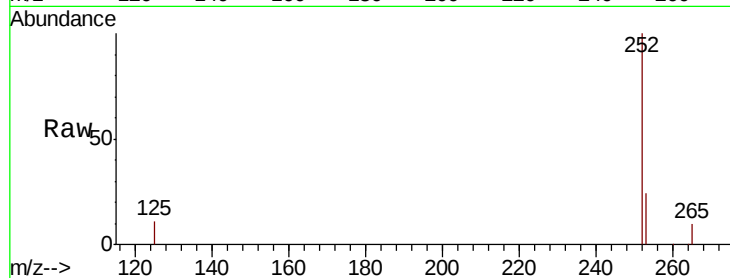
ClientSampleId :

C0AA4

Tot Ion:	252	Resp:	46694
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	54.8
125	10.8	0.0	22.2

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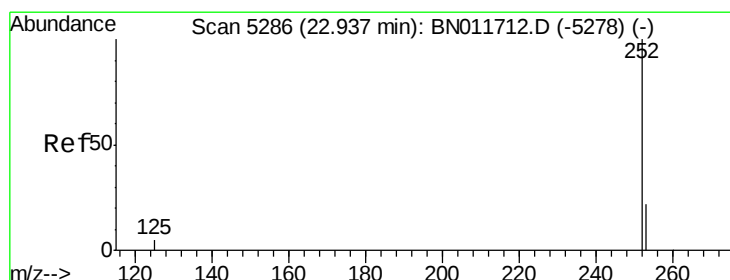
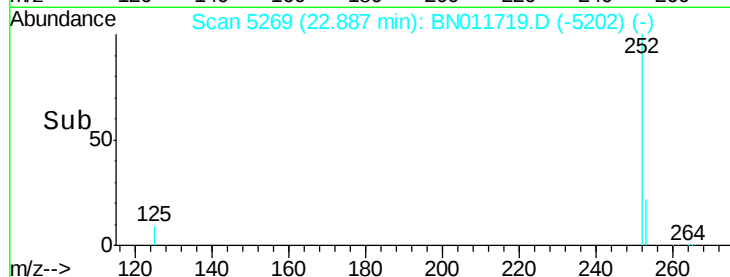
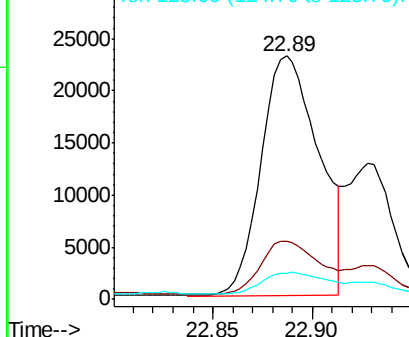


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 0.335 ng/ul m

RT: 22.93 min Scan# 5283

Delta R.T. -0.01 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

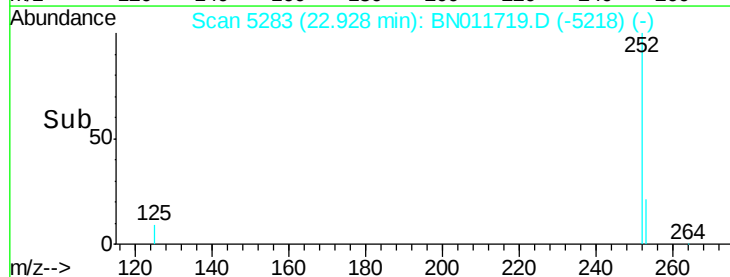
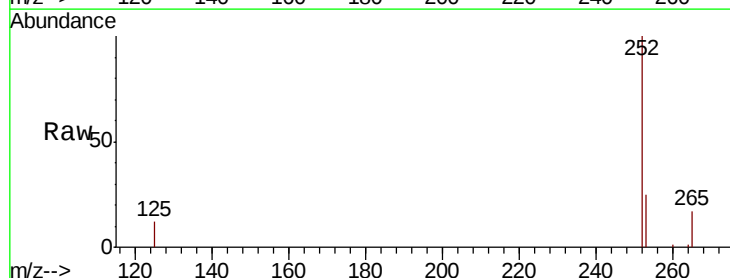
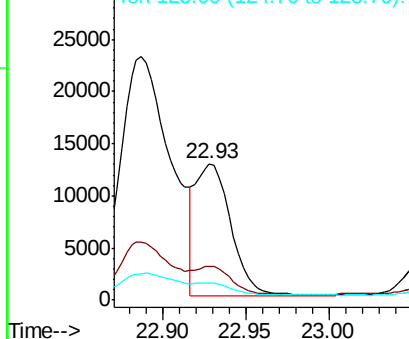
Tgt Ion:	252	Resp:	19022
Ion Ratio	Lower	Upper	
252	100		
253	24.7	21.8	32.6
125	12.5	9.1	13.7

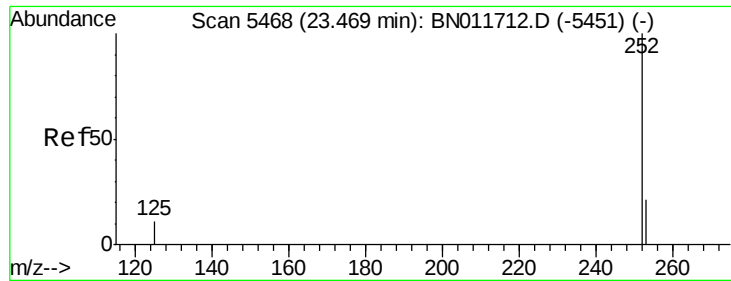
Abundance

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: 0.720 ng/ul

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

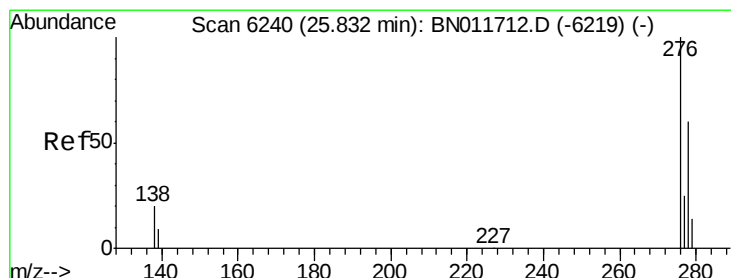
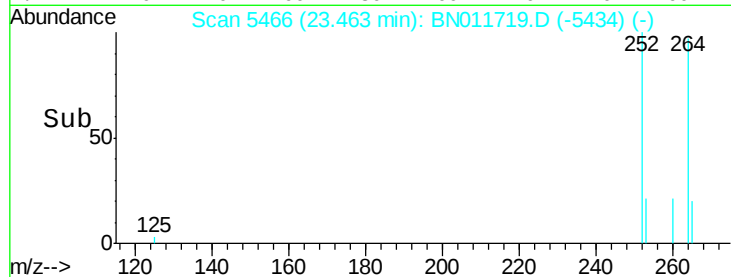
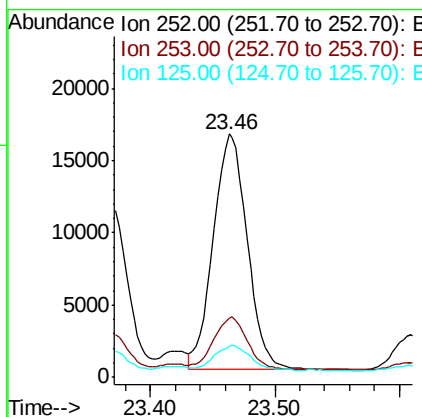
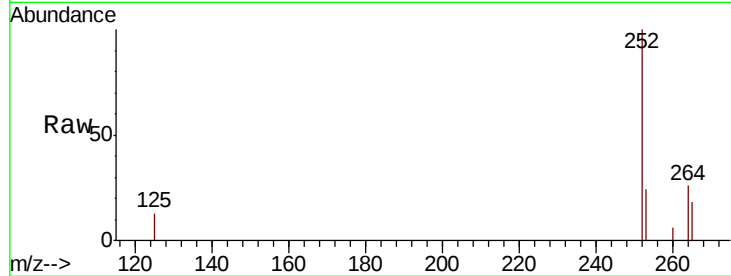
ClientSampleId :

C0AA4

Tot Ion:	252	Resp:	31030
Ion Ratio	Lower	Upper	
252	100		
253	24.2	24.4	36.6#
125	12.6	11.1	16.7

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.322 ng/ul

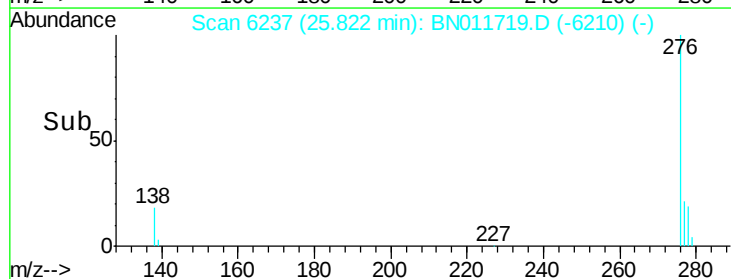
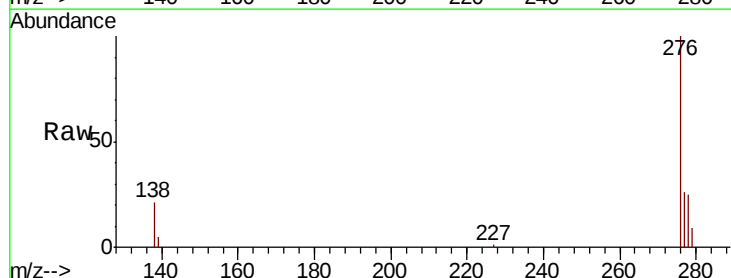
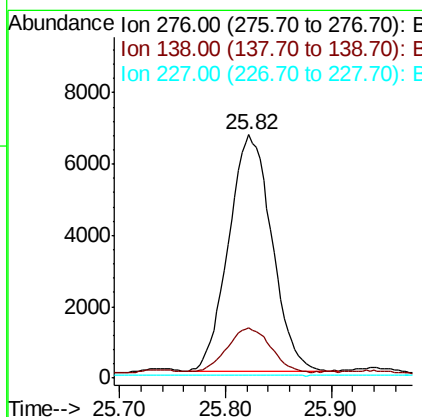
RT: 25.82 min Scan# 6237

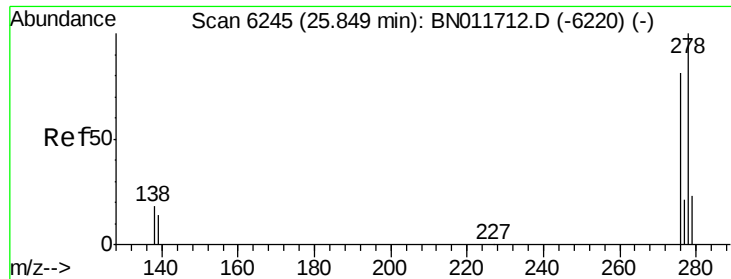
Delta R.T. -0.01 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Tgt Ion:	276	Resp:	18768
Ion Ratio	Lower	Upper	
276	100		
138	19.0	15.8	23.6
227	0.1	0.2	0.2#





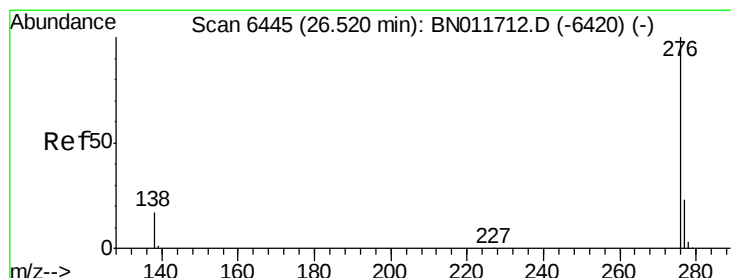
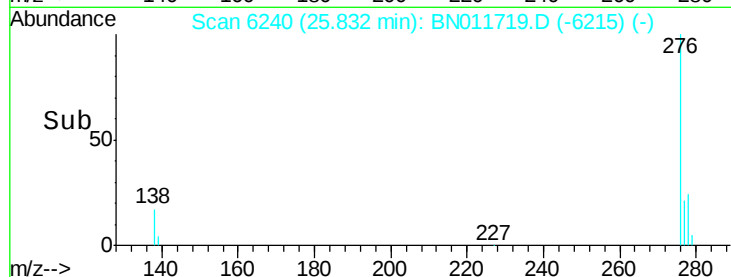
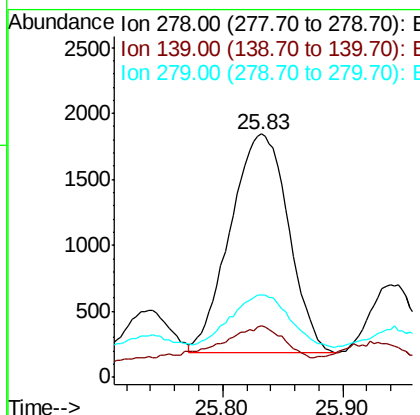
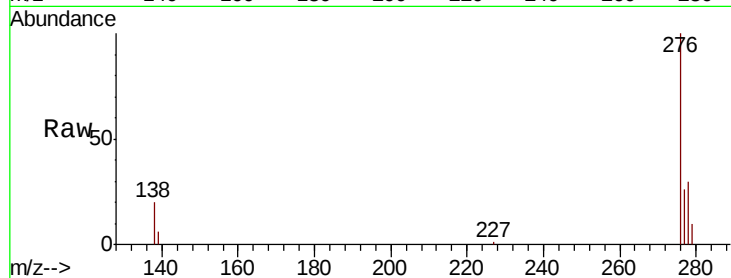
#25
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.02 min
Lab File: BN011719.D
Acq: 05 Sep 2020 02:36

Instrument :
BNA_N
ClientSampleId :
C0AA4

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.5	12.1	18.1#
279	33.9	22.9	34.3

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#26
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 26.52 min Scan# 6444
Delta R.T. -0.00 min
Lab File: BN011719.D
Acq: 05 Sep 2020 02:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.8	23.6
277	25.1	20.6	31.0

