

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011746.D
 Acq On : 08 Sep 2020 20:43
 Operator : CG/JU
 Sample : L3840-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA6

Manual Integrations
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Quant Time: Sep 09 06:52:53 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	1920	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7580	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4380	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9208m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7764	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	7801	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3250	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7788	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1215	0.054	ng/ul#	87
7) Acenaphthylene	14.09	152	3168	0.150	ng/ul	97
9) Fluorene	15.43	166	402	0.021	ng/ul#	93
12) Phenanthrene	17.16	178	1964	0.063	ng/ul#	93
13) Anthracene	17.25	178	2786m	0.101	ng/ul	
15) Fluoranthene	19.18	202	6738	0.196	ng/ul	98
17) Pyrene	19.54	202	14240	0.413	ng/ul#	95
18) Benzo(a)anthracene	21.29	228	9345	0.310	ng/ul	95
19) Chrysene	21.35	228	16145	0.479	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	38432m	1.051	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	12418m	0.331	ng/ul	
23) Benzo(a)pyrene	23.46	252	22833	0.723	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.82	276	14027	0.338	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	4206	0.124	ng/ul#	83
26) Benzo(g,h,i)perylene	26.51	276	11996	0.331	ng/ul	96

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

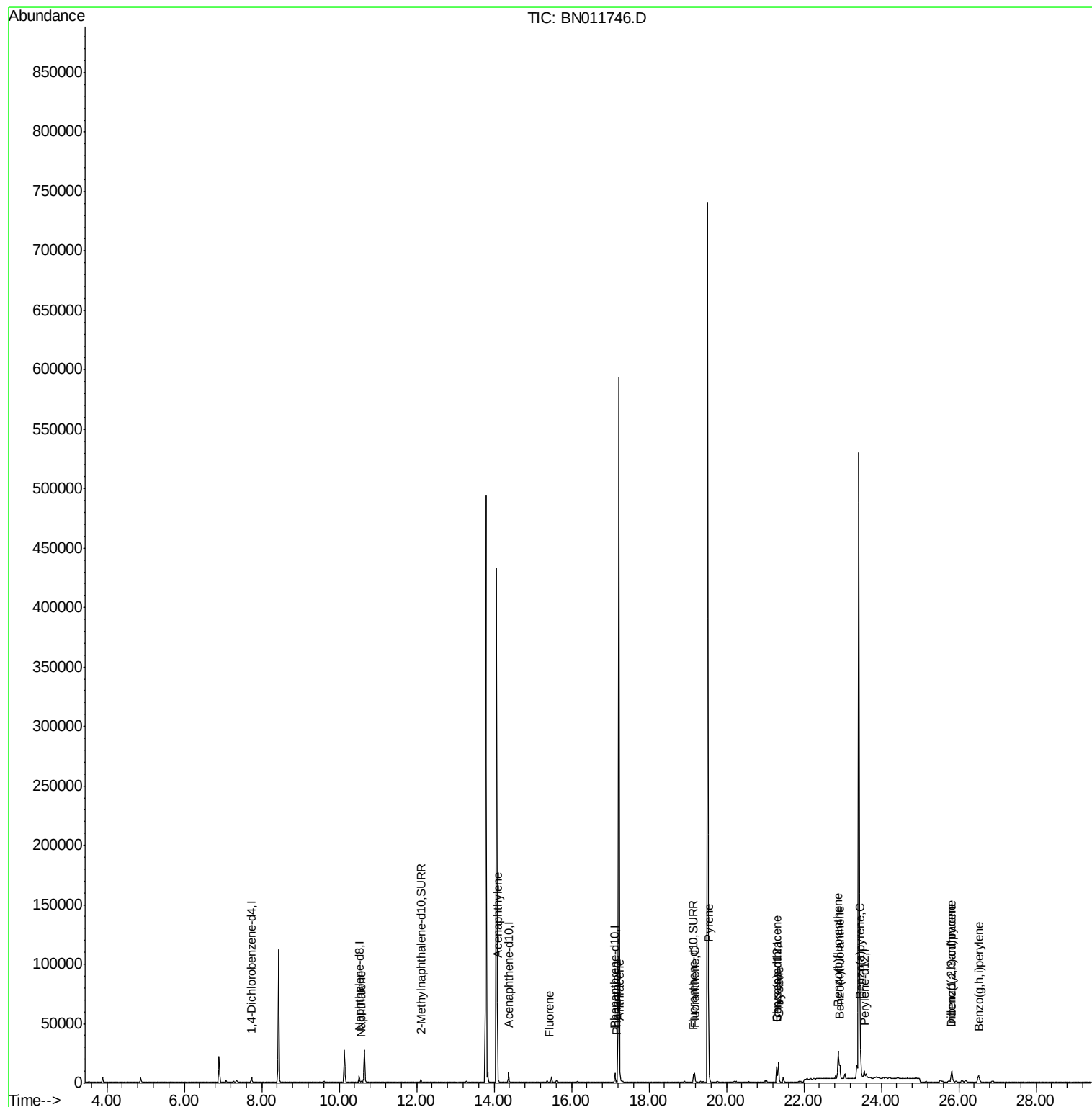
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

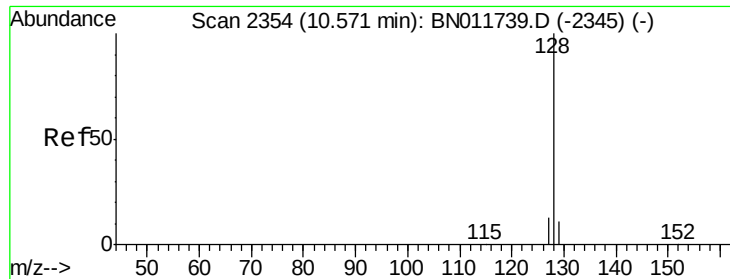
Instrument :
BNA_N
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C0AA6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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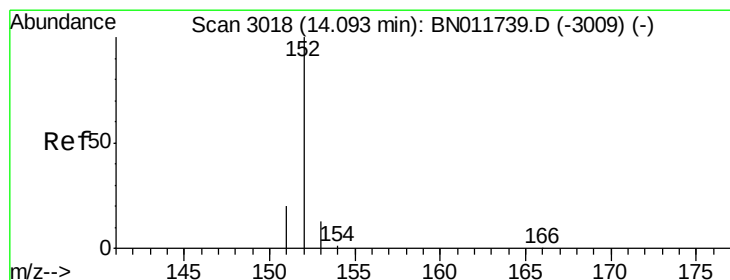
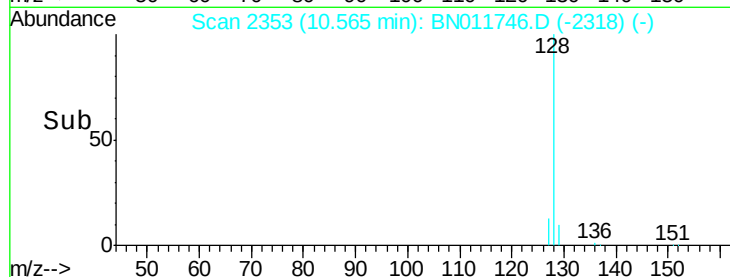
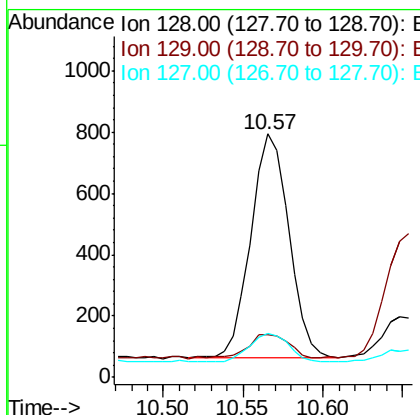
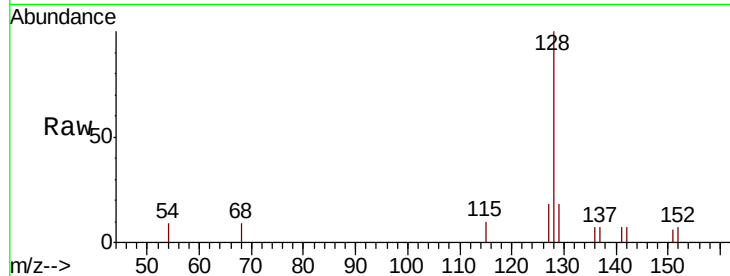
#3
Naphthalene
Concen: 0.054 ng/ul
RT: 10.57 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BN011746.D
Acq: 08 Sep 2020 20:43

Instrument :
BNA_N
ClientSampled :
C0AA6

Tot Ion	Ratio	Lower	Upper
128	100		
129	17.8	9.8	14.6#
127	18.3	11.0	16.6#

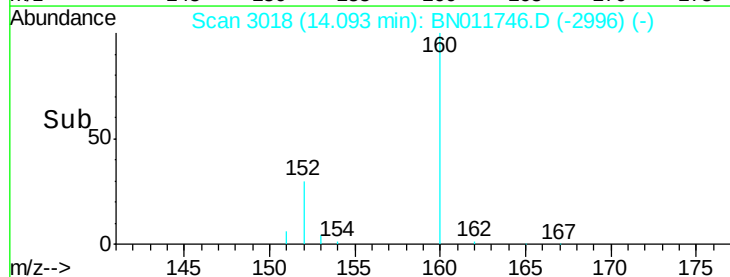
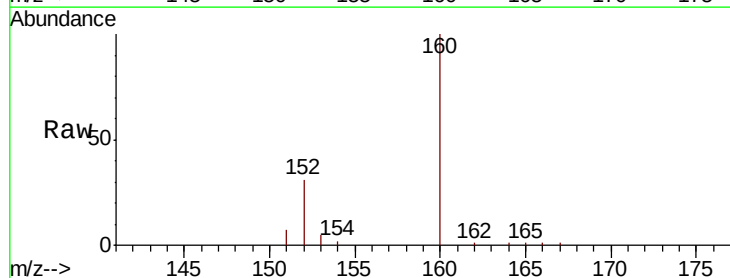
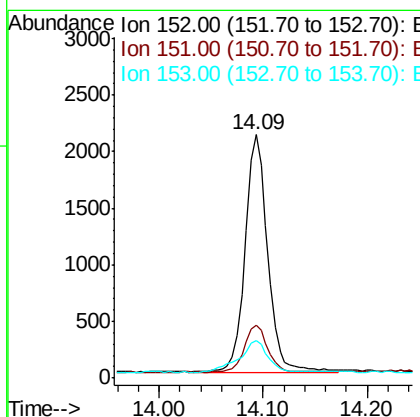
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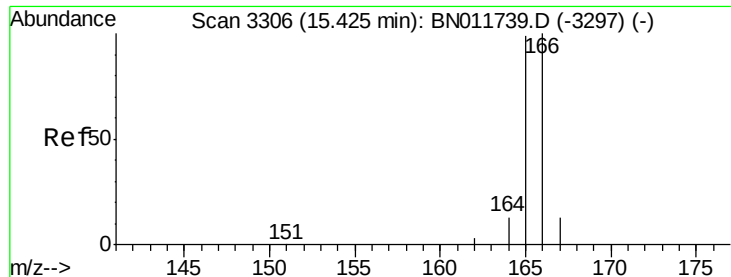
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#7
Acenaphthylene
Concen: 0.150 ng/ul
RT: 14.09 min Scan# 3018
Delta R.T. 0.00 min
Lab File: BN011746.D
Acq: 08 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.2	24.4
153	15.3	11.4	17.0





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. 0.00 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

Instrument :

BNA_N

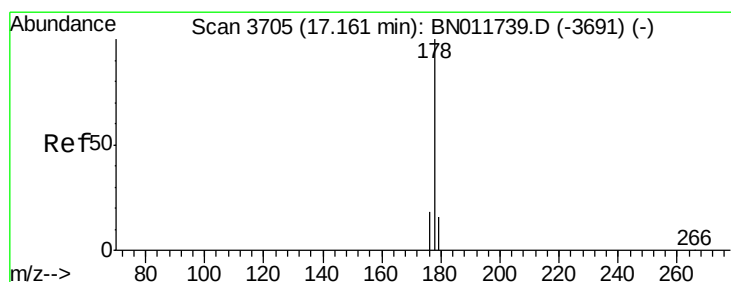
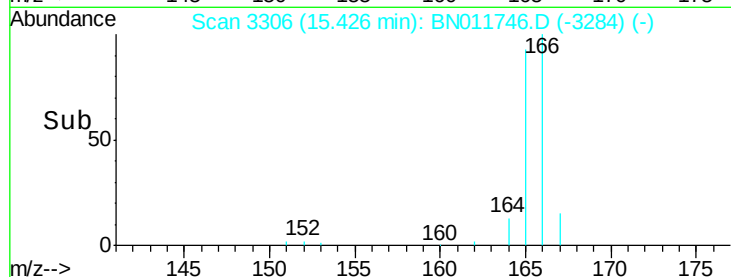
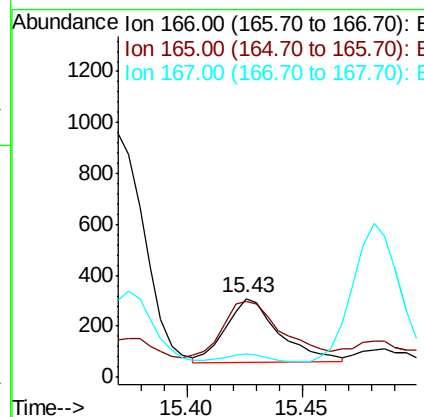
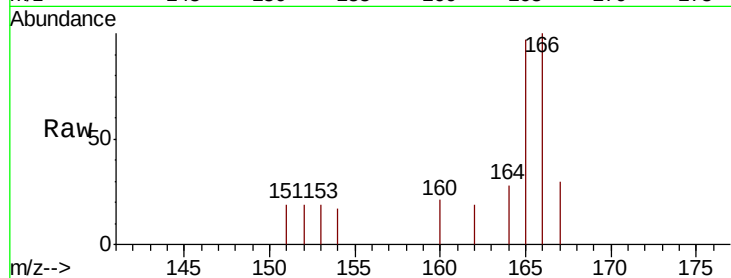
ClientSampleId :

C0AA6

Tot Ion:	166	Resp:	402
Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.2	120.2
167	30.2	11.8	17.6#

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#12

Phenanthrene

Concen: 0.063 ng/ul

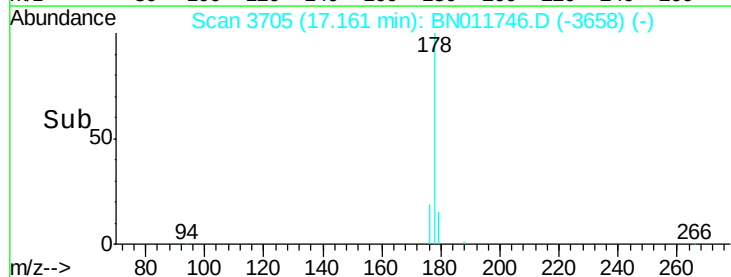
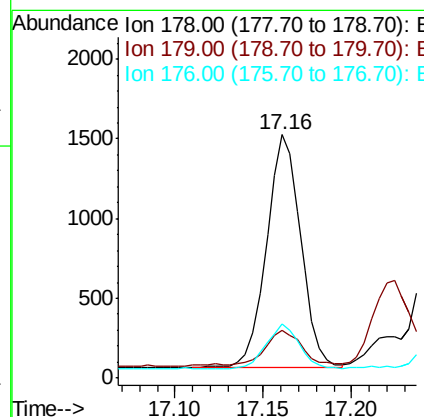
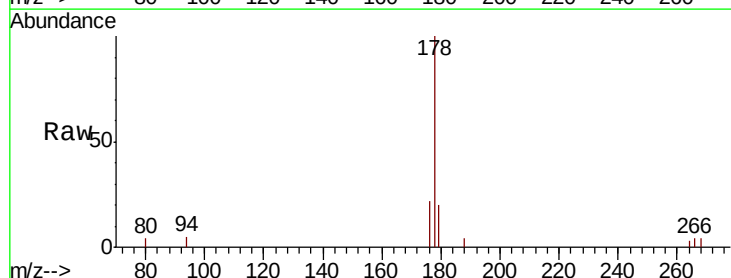
RT: 17.16 min Scan# 3705

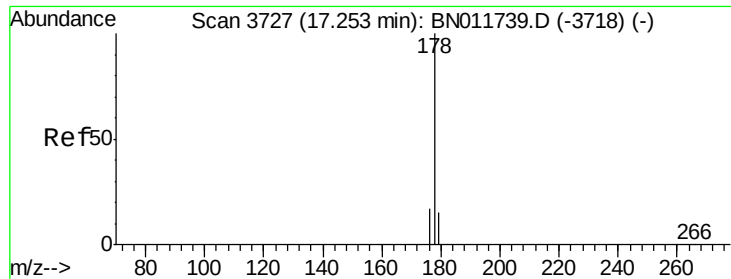
Delta R.T. 0.00 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

Tgt Ion:	178	Resp:	1964
Ion	Ratio	Lower	Upper
178	100		
179	19.7	12.6	19.0#
176	22.1	16.0	24.0





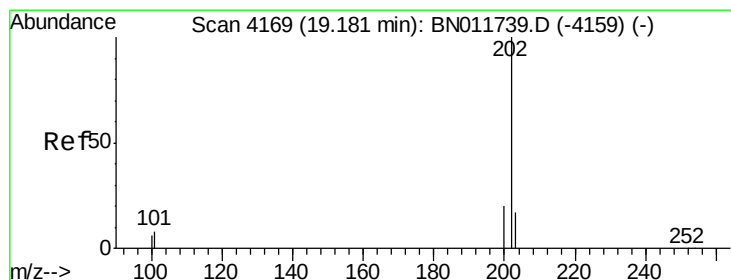
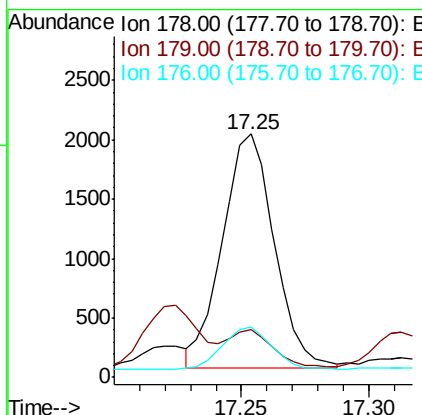
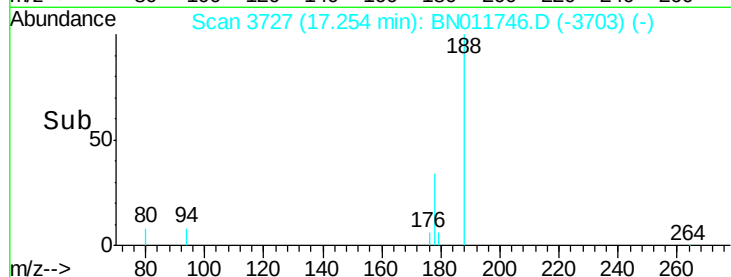
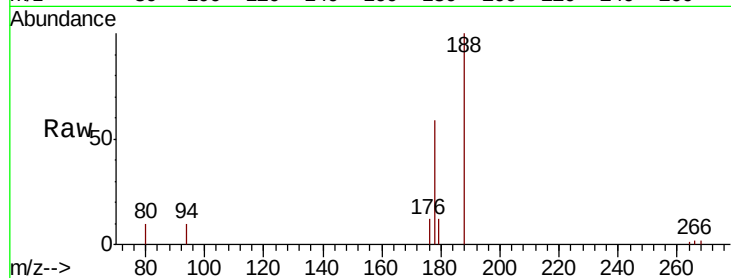
#13
 Anthracene
 Concen: 0.101 ng/ul m
 RT: 17.25 min Scan# 3727
 Delta R.T. 0.00 min
 Lab File: BN011746.D
 Acq: 08 Sep 2020 20:43

Instrument :
 BNA_N
 ClientSampled :
 C0AA6

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.7	12.7	19.1#
176	20.6	14.8	22.2

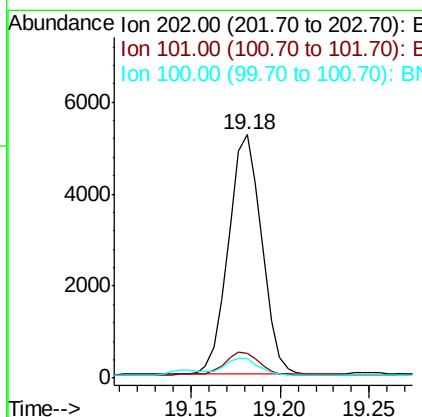
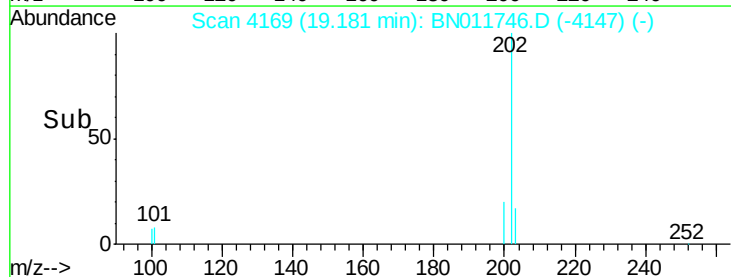
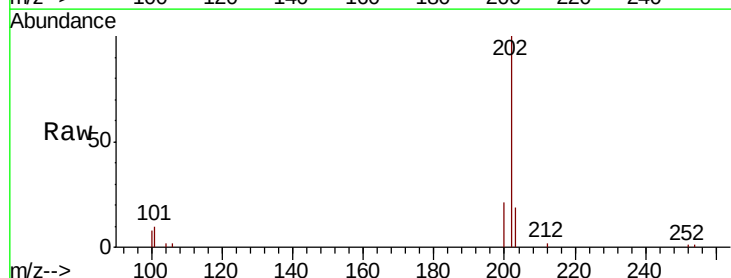
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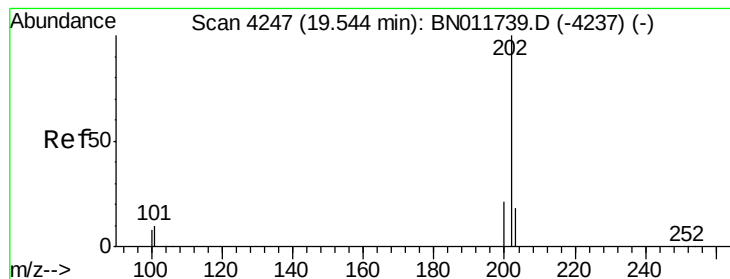
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#15
 Fluoranthene
 Concen: 0.196 ng/ul
 RT: 19.18 min Scan# 4169
 Delta R.T. 0.00 min
 Lab File: BN011746.D
 Acq: 08 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.1
100	7.9	0.0	27.4





#17

Pvrene

Concen: 0.413 ng/ul

RT: 19.54 min Scan# 4247

Delta R.T. -0.00 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

Instrument :

BNA_N

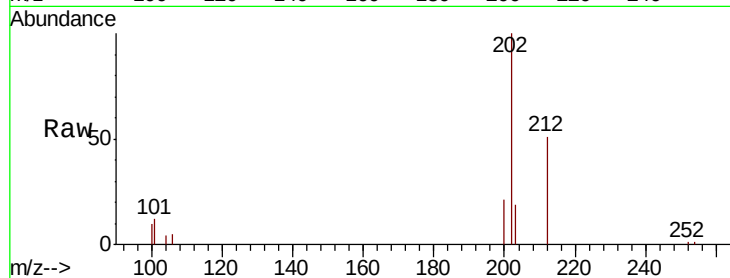
ClientSampleId :

C0AA6

Tot Ion:	202	Resp:	14240
Ion Ratio	Lower	Upper	
202	100		
101	11.9	8.0	12.0
100	10.1	6.5	9.7#

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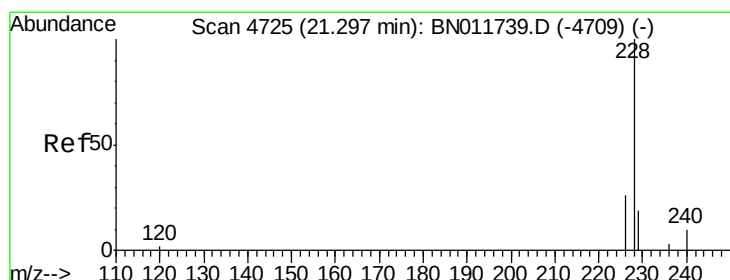
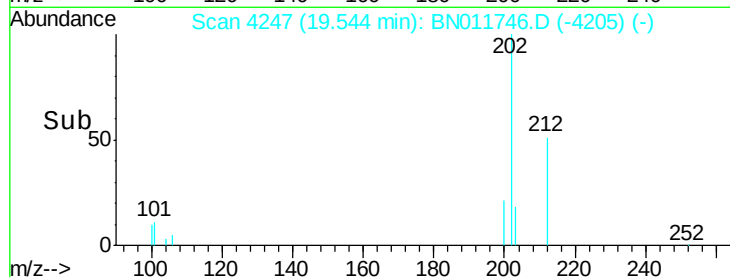
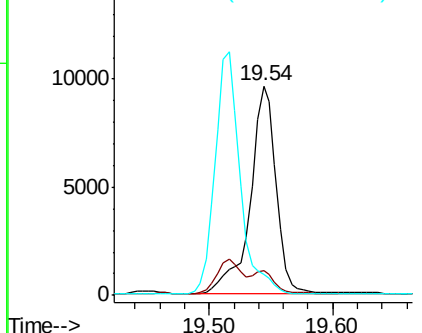
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.310 ng/ul

RT: 21.29 min Scan# 4724

Delta R.T. -0.01 min

Lab File: BN011746.D

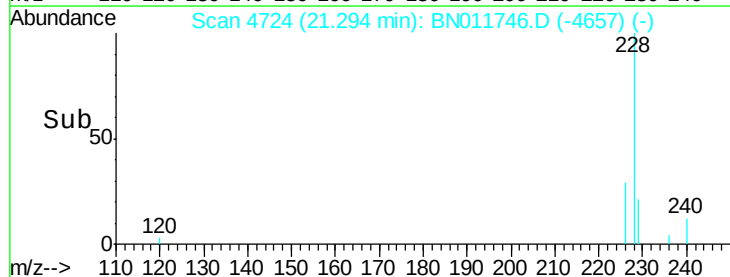
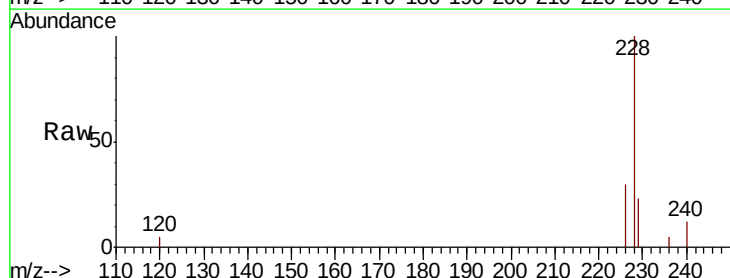
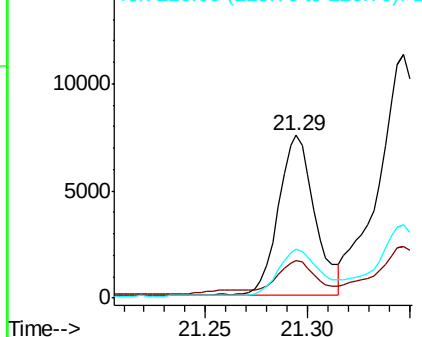
Acq: 08 Sep 2020 20:43

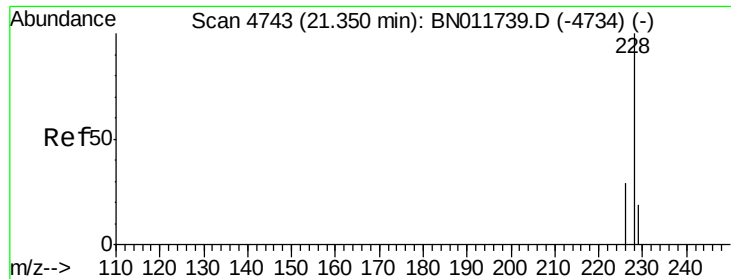
Tgt Ion:	228	Resp:	9345
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.9	23.9
226	29.7	21.9	32.9

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: 0.479 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

Instrument :

BNA_N

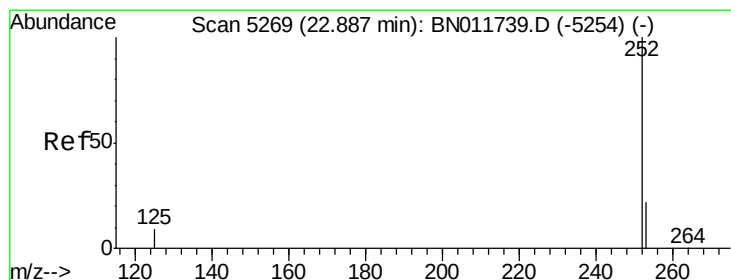
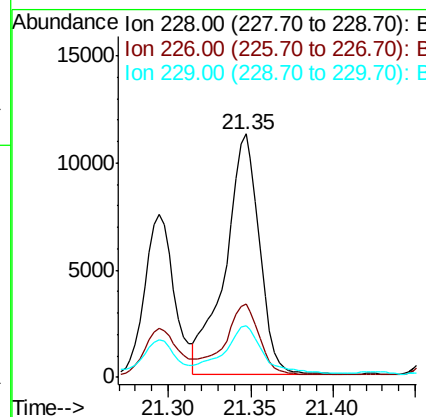
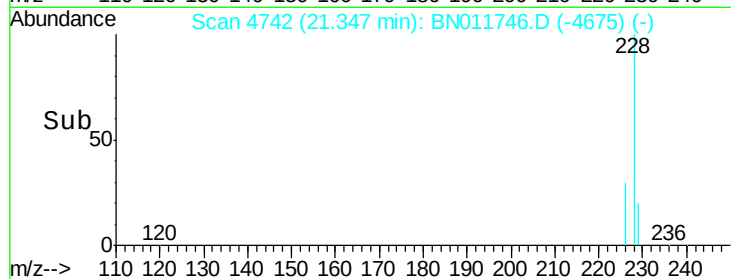
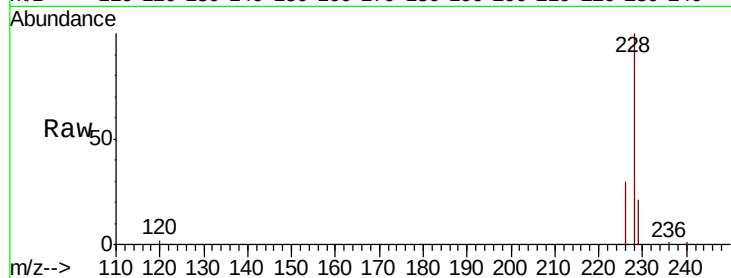
ClientSampleId :

C0AA6

Tot Ion:	228	Resp:	16145
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.6	37.0
229	21.4	15.9	23.9

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#21

Benzo(b)fluoranthene

Concen: 1.051 ng/ul m

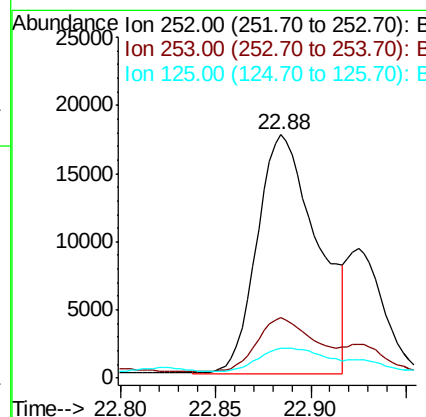
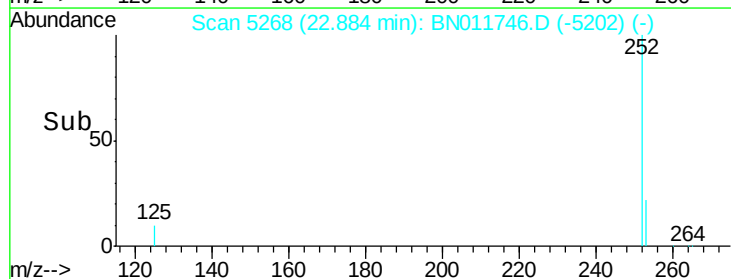
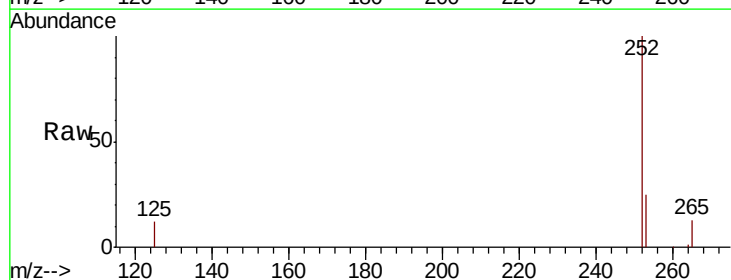
RT: 22.88 min Scan# 5268

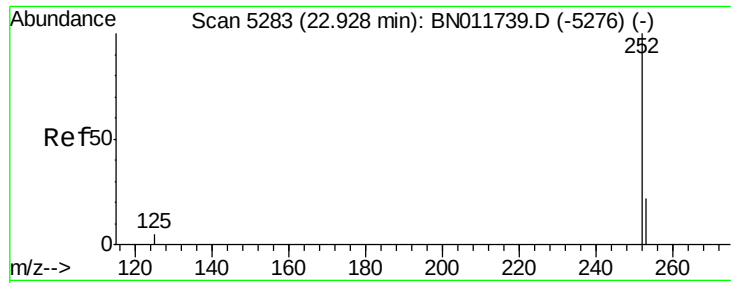
Delta R.T. -0.01 min

Lab File: BN011746.D

Acq: 08 Sep 2020 20:43

Tgt Ion:	252	Resp:	38432
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	50.6
125	12.2	0.0	23.6





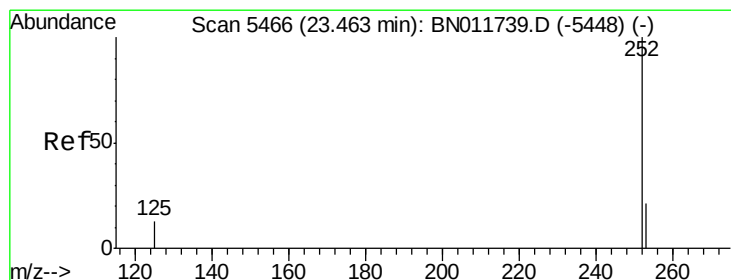
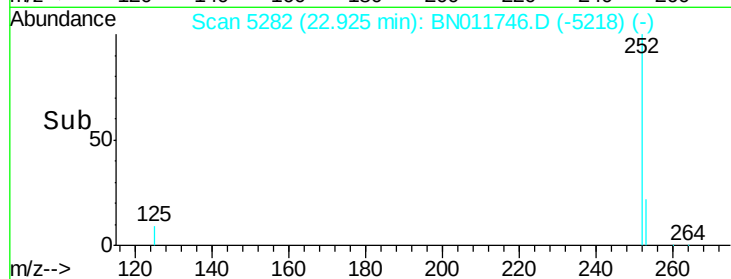
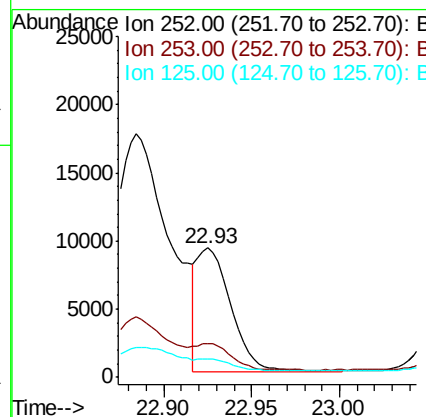
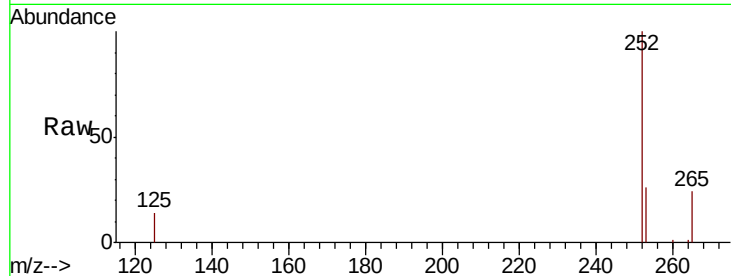
#22
Benzo(k)fluoranthene
Concen: 0.331 ng/ul m
RT: 22.93 min Scan# 5282
Delta R.T. -0.01 min
Lab File: BN011746.D
Acq: 08 Sep 2020 20:43

Instrument :
BNA_N
ClientSampleId :
C0AA6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.7	31.1
125	14.0	9.7	14.5

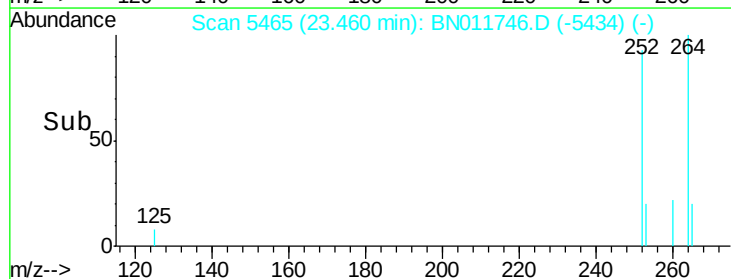
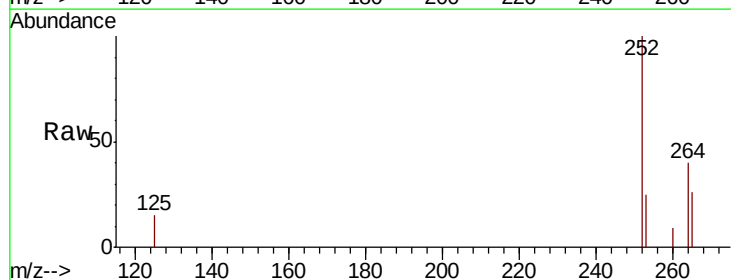
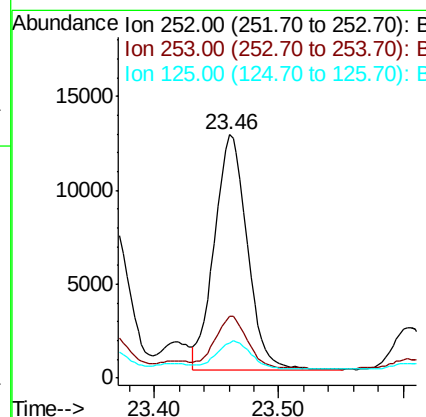
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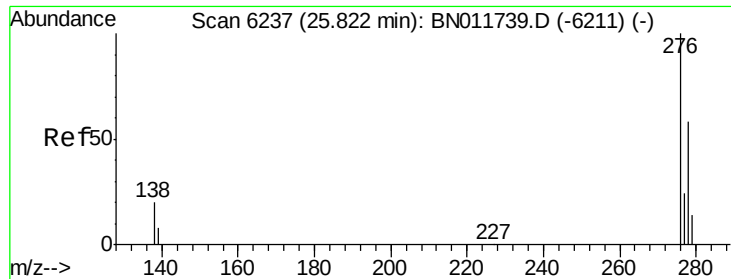
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#23
Benzo(a)pyrene
Concen: 0.723 ng/ul
RT: 23.46 min Scan# 5465
Delta R.T. -0.01 min
Lab File: BN011746.D
Acq: 08 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.6	32.4
125	14.6	12.6	18.8





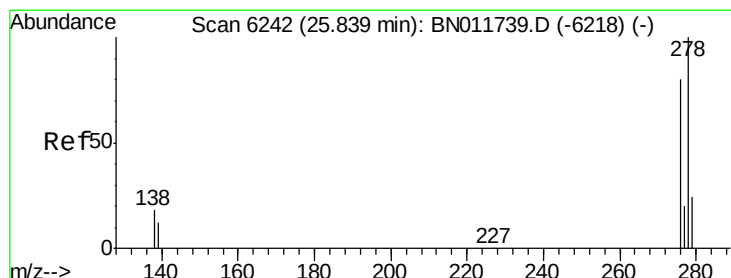
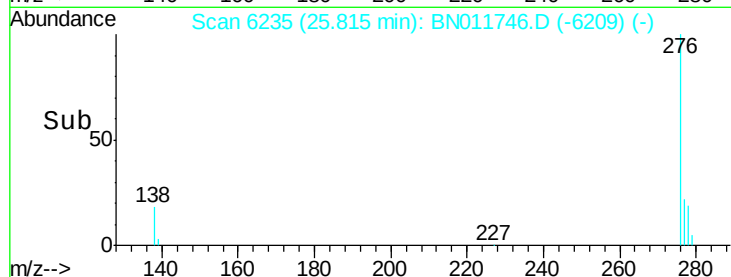
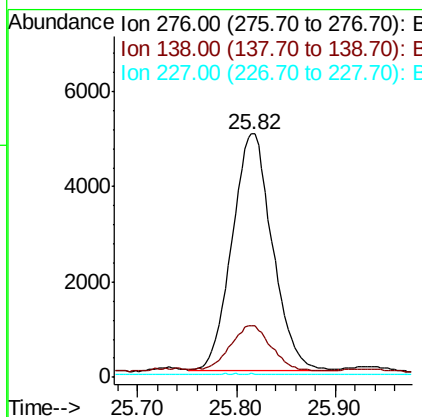
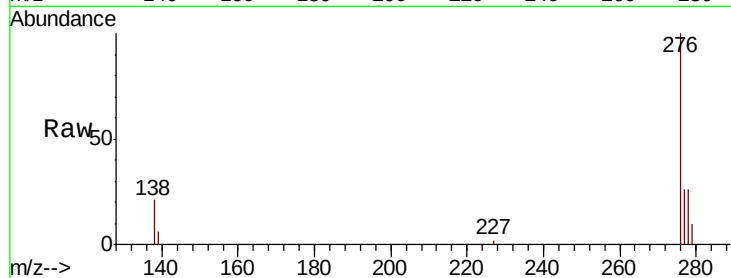
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.338 ng/ul
 RT: 25.82 min Scan# 6235
 Delta R.T. -0.01 min
 Lab File: BN011746.D
 Acq: 08 Sep 2020 20:43

Instrument :
 BNA_N
 ClientSampleId :
 C0AA6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	0.0	0.0#
227	0.2	0.1	0.1#

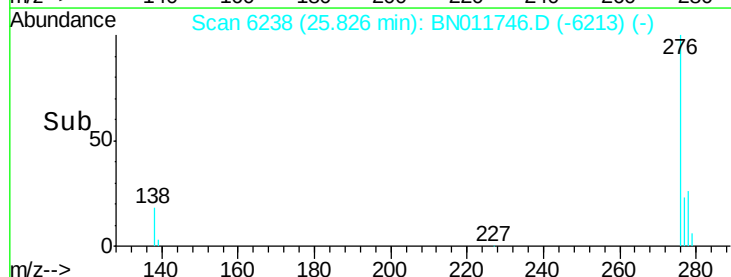
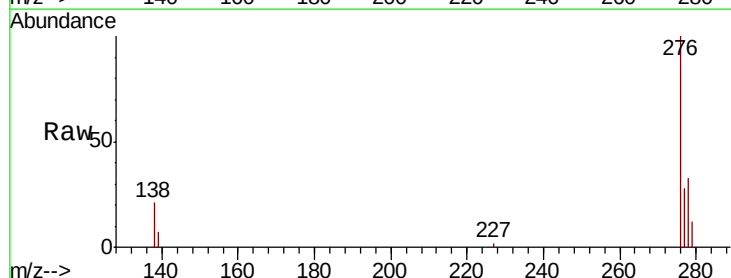
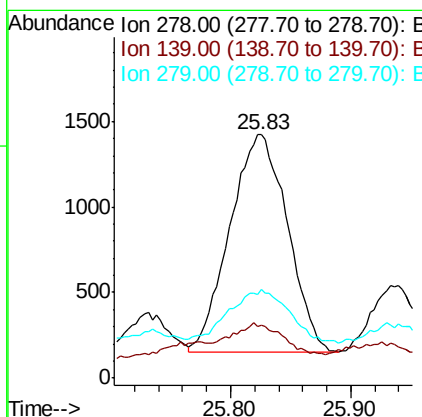
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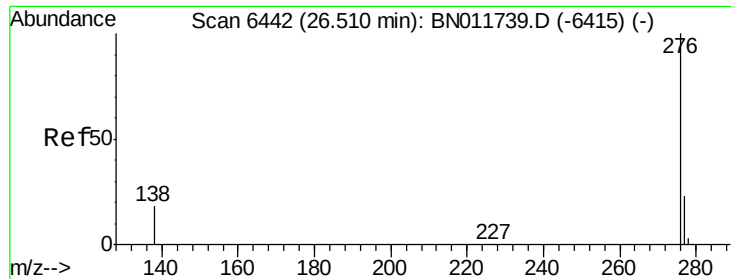
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.124 ng/ul
 RT: 25.83 min Scan# 6238
 Delta R.T. -0.02 min
 Lab File: BN011746.D
 Acq: 08 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	12.4	18.6#
279	36.4	21.8	32.6#





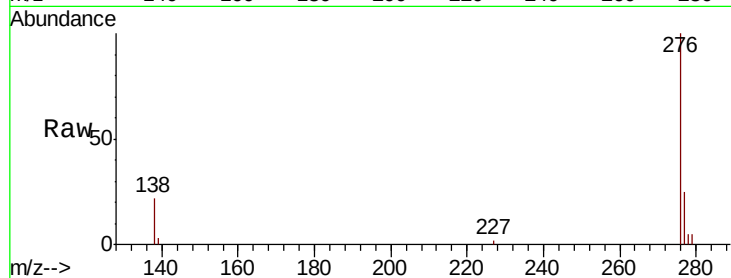
#26
 Benzo(a,h,i)perylene
 Concen: 0.331 ng/ul
 RT: 26.51 min Scan# 6442
 Delta R.T. -0.01 min
 Lab File: BN011746.D
 Acq: 08 Sep 2020 20:43

Instrument :
 BNA_N
 ClientSampleId :
 C0AA6

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	14.7	22.1
277	25.3	19.5	29.3

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:46:23 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

