

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011740.D
 Acq On : 08 Sep 2020 17:06
 Operator : CG/JU
 Sample : L3840-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB5

Manual Integrations
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Quant Time: Sep 08 17:39:26 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	1351	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	5051	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	3177	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	6525m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	5843	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	6258	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3927	0.49	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7968	0.46	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	3351	0.224	ng/ul	98
5) 2-Methylnaphthalene	12.19	142	399	0.040	ng/ul	100
7) Acenaphthylene	14.09	152	2446	0.160	ng/ul	95
8) Acenaphthene	14.44	153	393	0.032	ng/ul	94
9) Fluorene	15.43	166	501	0.035	ng/ul#	95
12) Phenanthrene	17.16	178	1800m	0.082	ng/ul	
13) Anthracene	17.25	178	3198	0.164	ng/ul	95
15) Fluoranthene	19.18	202	5530	0.227	ng/ul	99
17) Pyrene	19.54	202	28219	1.088	ng/ul	97
18) Benzo(a)anthracene	21.29	228	6292	0.277	ng/ul	92
19) Chrysene	21.35	228	15248	0.601	ng/ul	98
21) Benzo(b)fluoranthene	22.89	252	27194m	0.927	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	10793m	0.359	ng/ul	
23) Benzo(a)pyrene	23.47	252	18337	0.724	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.82	276	11290	0.339	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	3261	0.120	ng/ul#	81
26) Benzo(a,h,i)perylene	26.51	276	10901	0.375	ng/ul	96

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

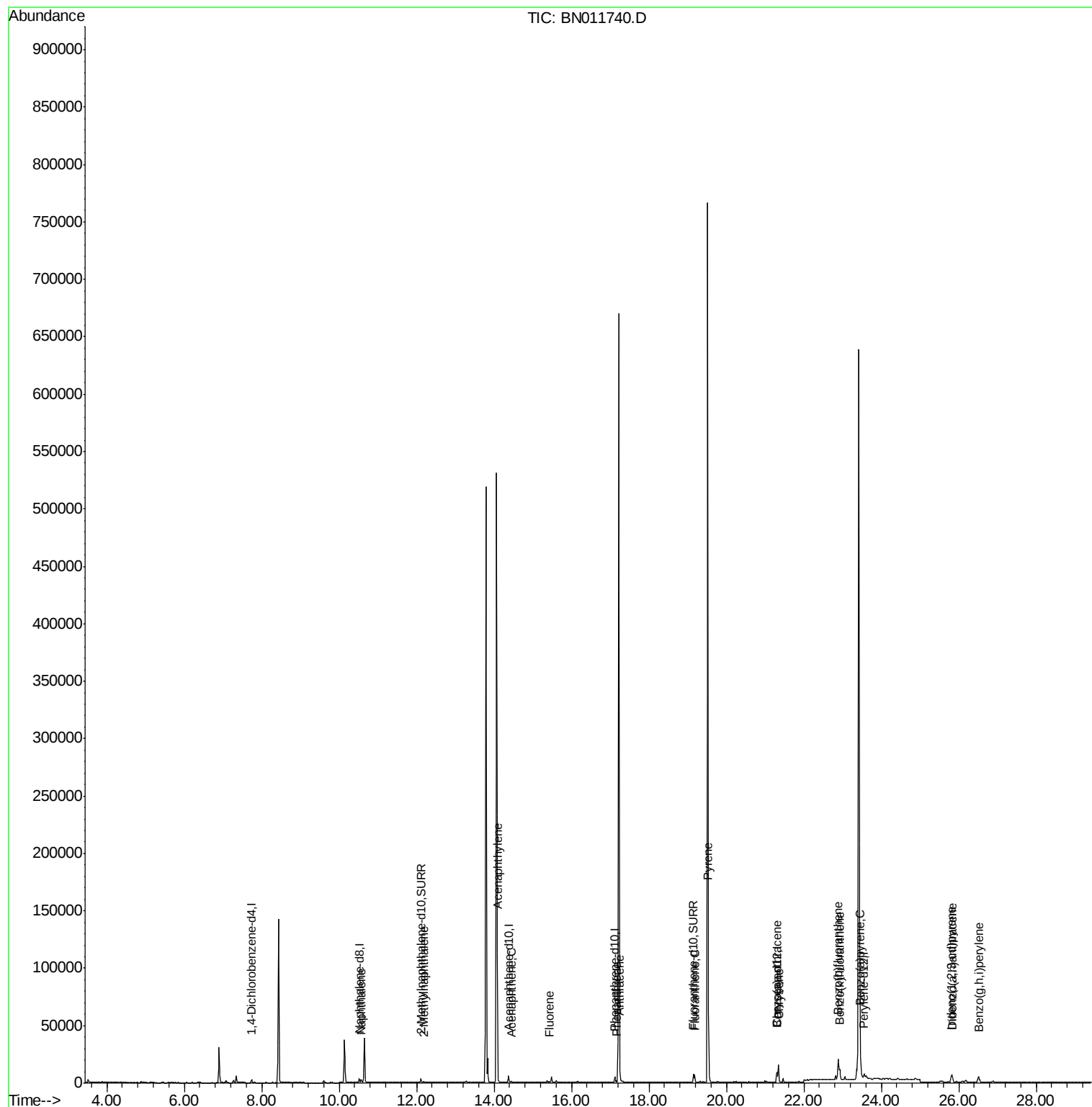
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
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ALS Vial : 13 Sample Multiplier: 1

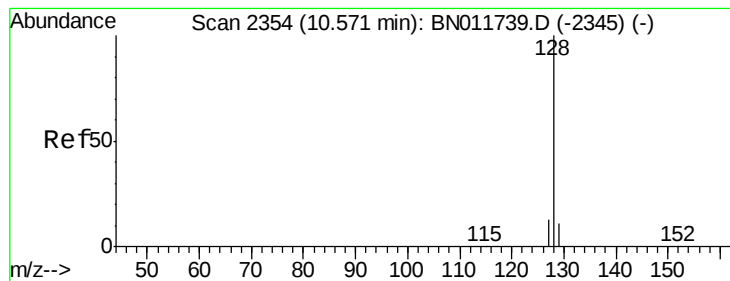
Instrument :
BNA_N
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Quant Time: Sep 08 17:39:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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QLast Update : Tue Sep 08 14:34:47 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.224 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011740.D

Acq: 08 Sep 2020 17:06

Instrument :

BNA_N

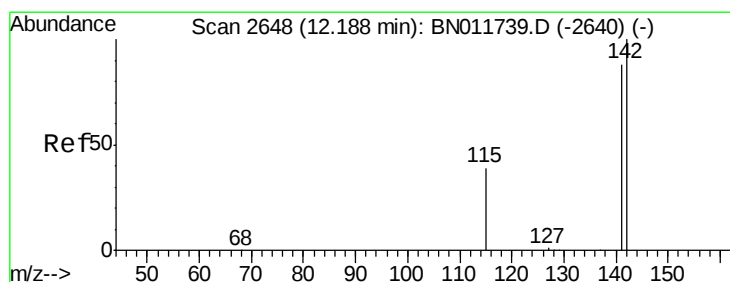
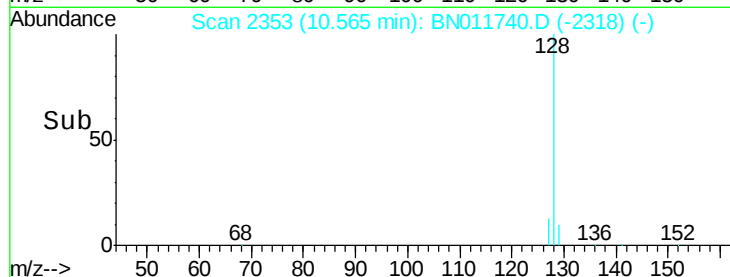
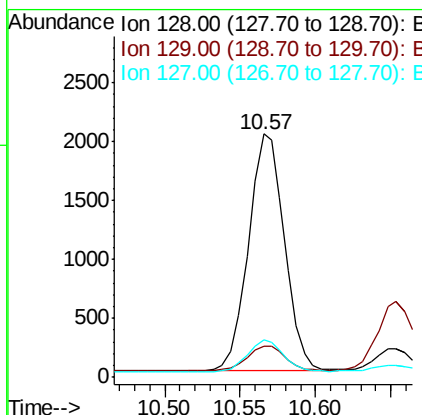
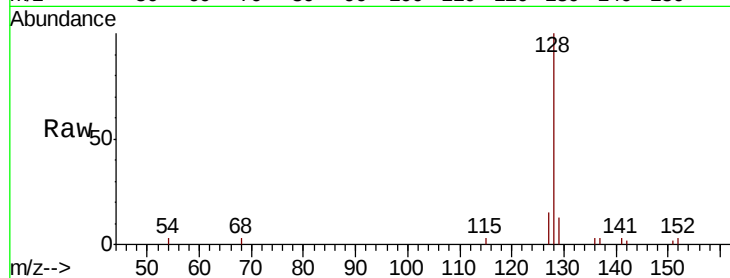
ClientSampled :

C0AB5

Tot Ion:128	Resp:	3351
Ion Ratio	Lower	Upper
128 100		
129 12.6	9.8	14.6
127 15.3	11.0	16.6

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#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

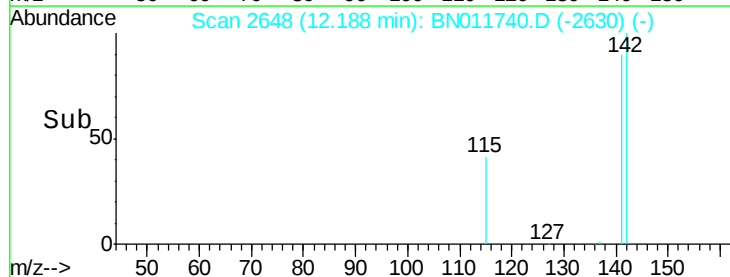
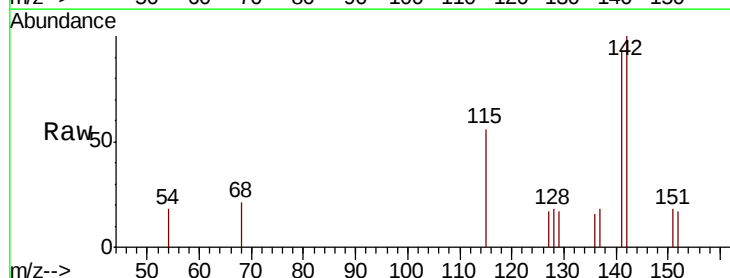
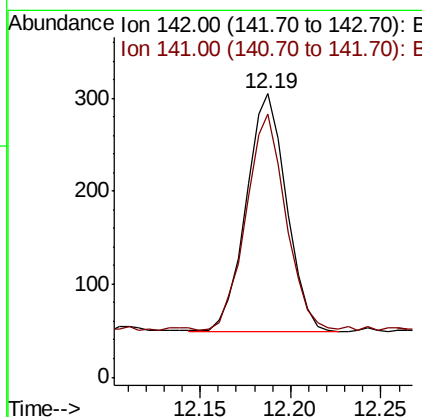
RT: 12.19 min Scan# 2648

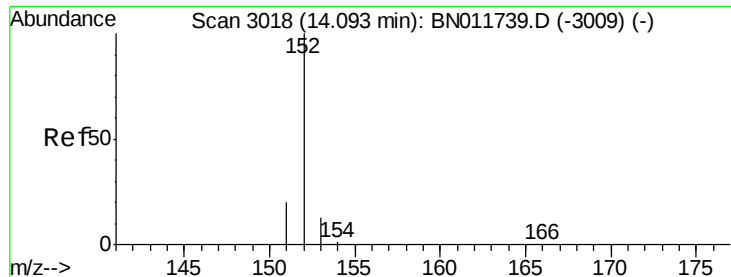
Delta R.T. 0.00 min

Lab File: BN011740.D

Acq: 08 Sep 2020 17:06

Tgt Ion:142	Resp:	399
Ion Ratio	Lower	Upper
142 100		
141 88.5	71.0	106.6





#7

Acenaphthylene

Concen: 0.160 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011740.D

Acq: 08 Sep 2020 17:06

Instrument :

BNA_N

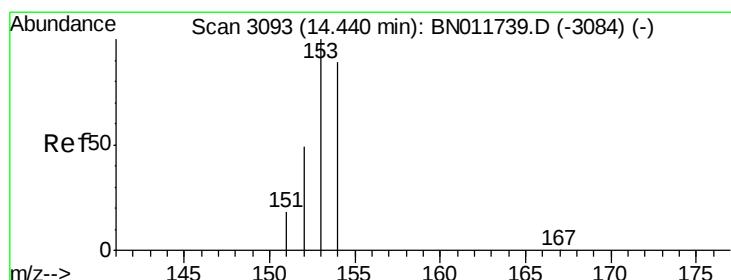
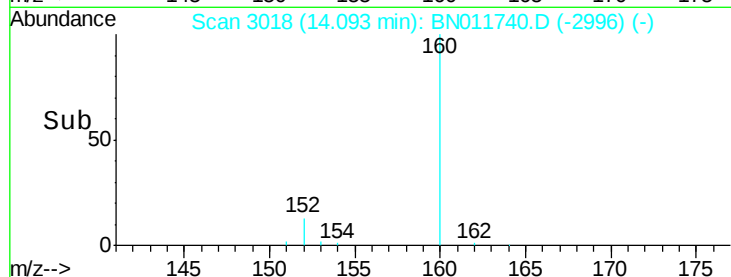
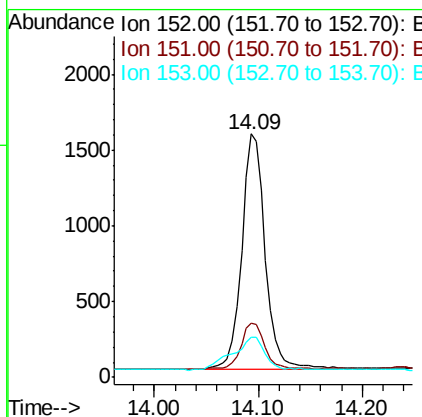
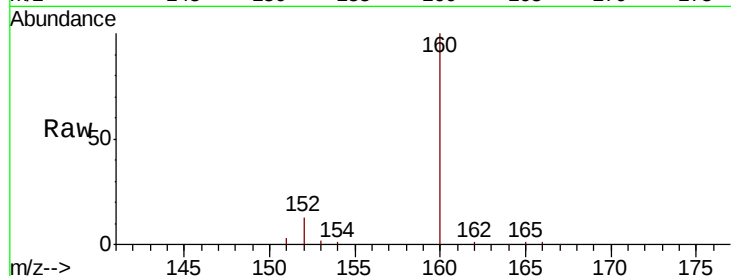
ClientSampleId :

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Tot Ion:	152	Resp:	2446
Ion Ratio	Lower	Upper	
152	100		
151	22.5	16.2	24.4
153	16.4	11.4	17.0

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#8

Acenaphthene

Concen: 0.032 ng/ul

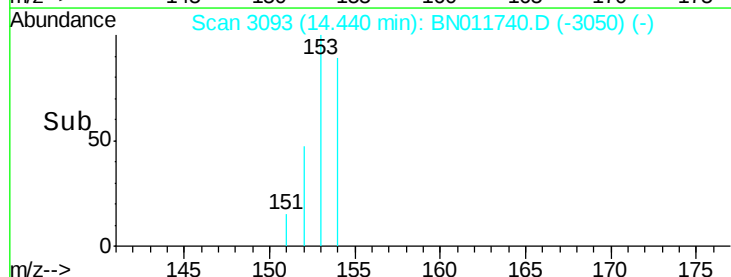
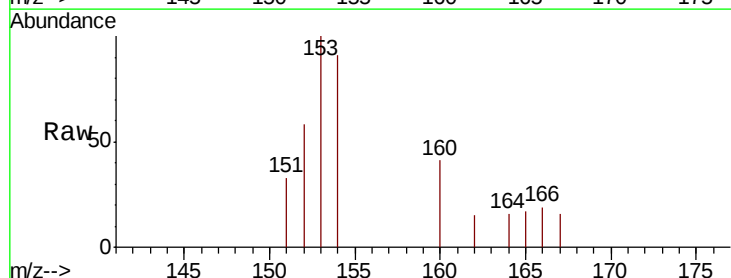
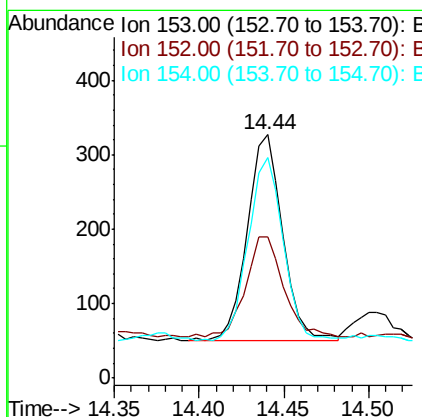
RT: 14.44 min Scan# 3093

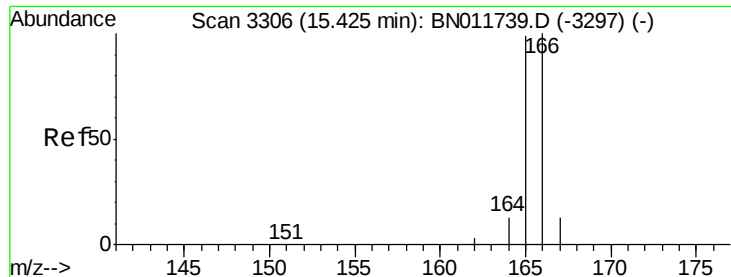
Delta R.T. 0.00 min

Lab File: BN011740.D

Acq: 08 Sep 2020 17:06

Tgt Ion:	153	Resp:	393
Ion Ratio	Lower	Upper	
153	100		
152	57.8	40.3	60.5
154	90.8	70.1	105.1





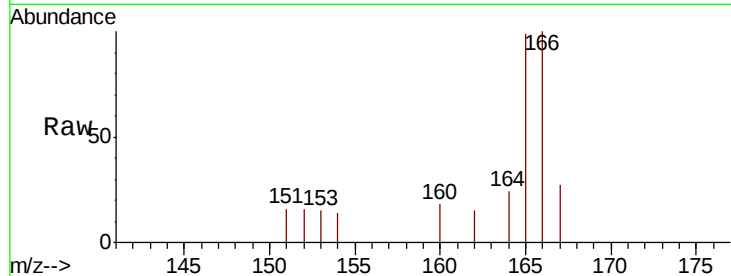
#9
Fluorene
 Concen: 0.035 ng/ul
 RT: 15.43 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: BN011740.D
 Acq: 08 Sep 2020 17:06

Instrument :
 BNA_N
 ClientSampled :
 C0AB5

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.2	120.2
167	27.5	11.8	17.6#

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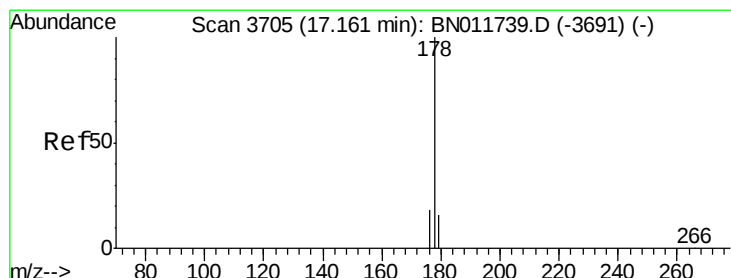
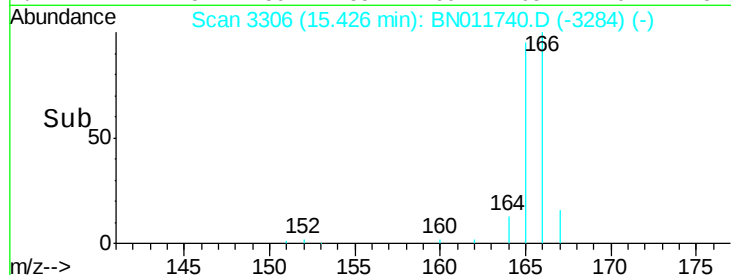
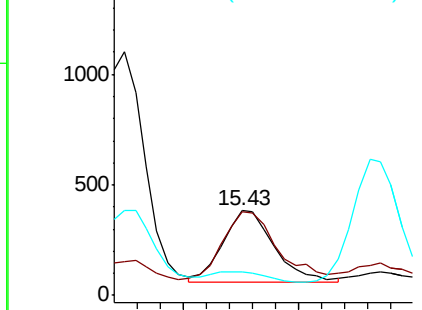


Abundance

Ion 166.00 (165.70 to 166.70): E

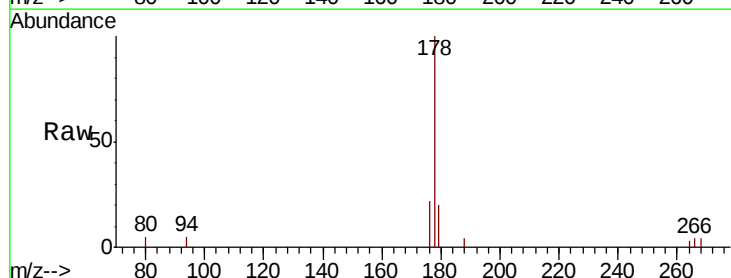
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12
Phenanthrene
 Concen: 0.082 ng/ul m
 RT: 17.16 min Scan# 3705
 Delta R.T. 0.00 min
 Lab File: BN011740.D
 Acq: 08 Sep 2020 17:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.6	19.0#
176	22.5	16.0	24.0

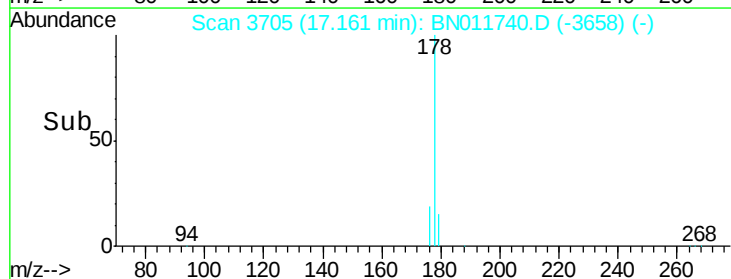
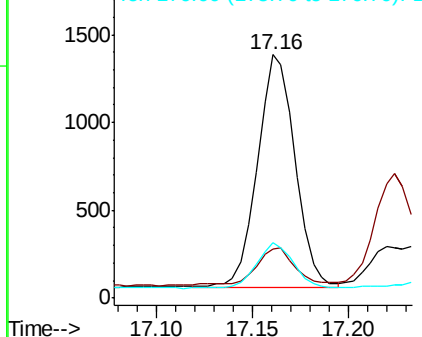


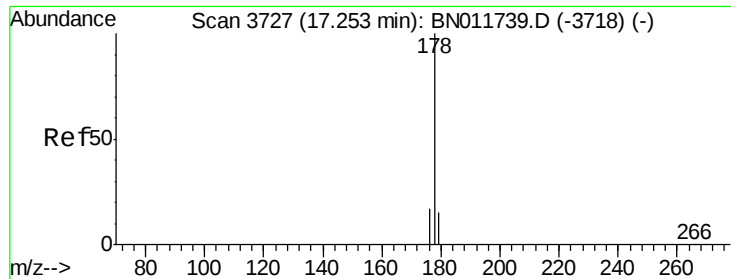
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.164 ng/ul

RT: 17.25 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BN011740.D

Acq: 08 Sep 2020 17:06

Instrument :

BNA_N

ClientSampled :

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Tot Ion:178 Resp: 3198

Ion Ratio Lower Upper

178 100

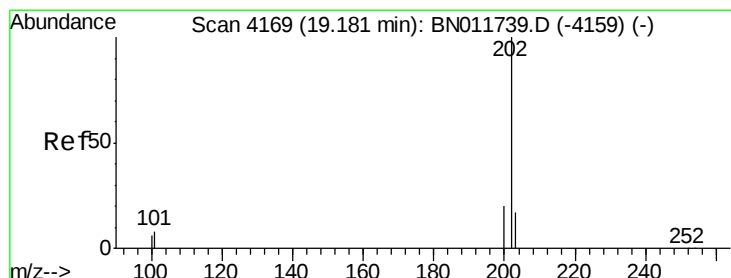
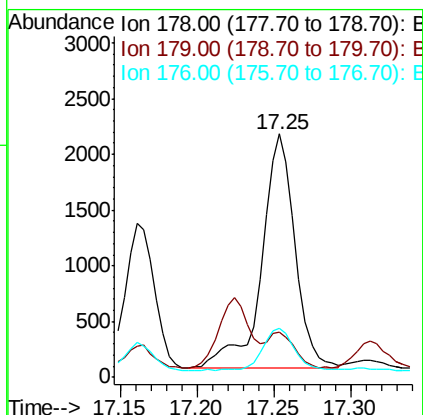
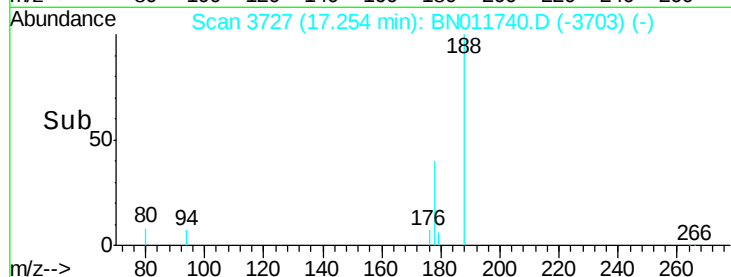
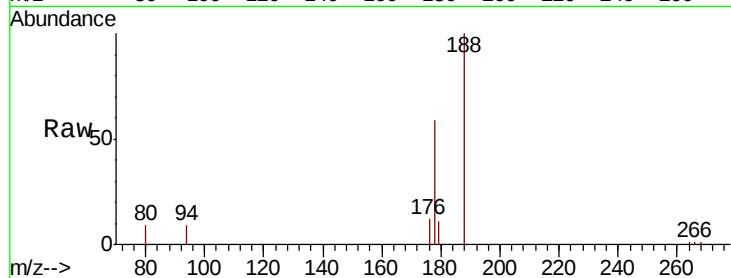
179 18.7 12.7 19.1

176 20.0 14.8 22.2

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#15

Fluoranthene

Concen: 0.227 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. 0.00 min

Lab File: BN011740.D

Acq: 08 Sep 2020 17:06

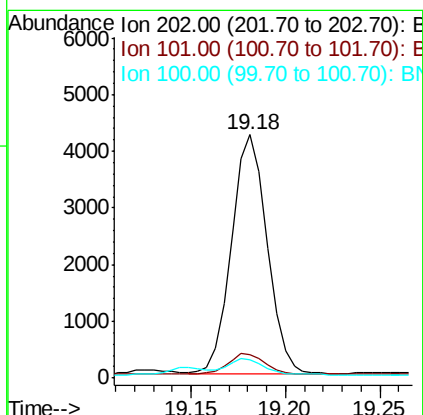
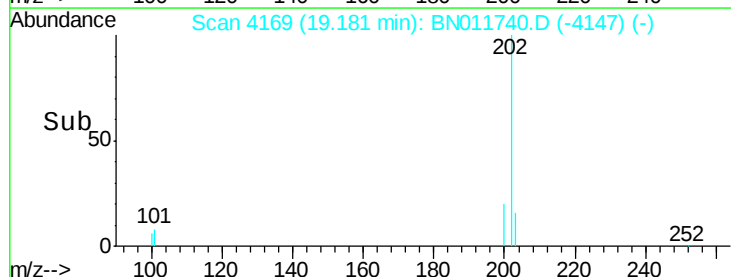
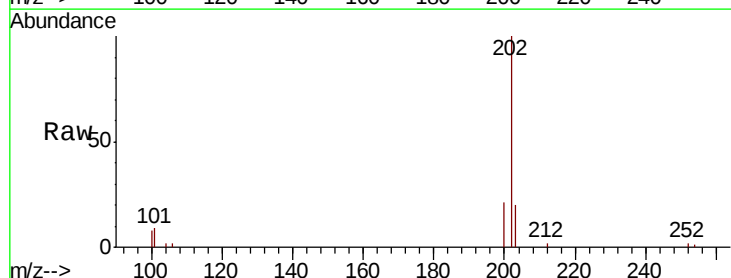
Tgt Ion:202 Resp: 5530

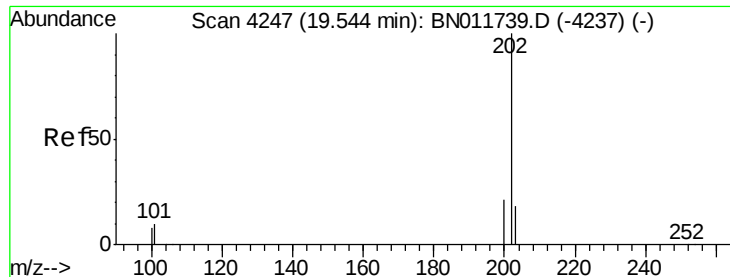
Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.1

100 7.6 0.0 27.4





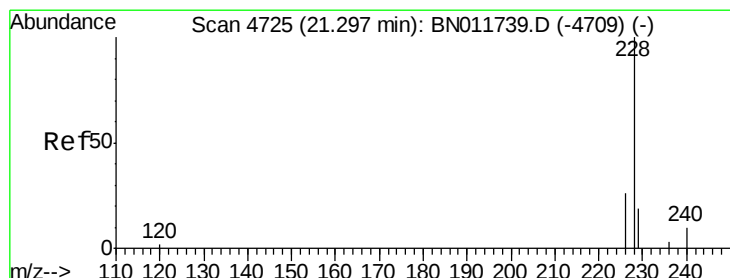
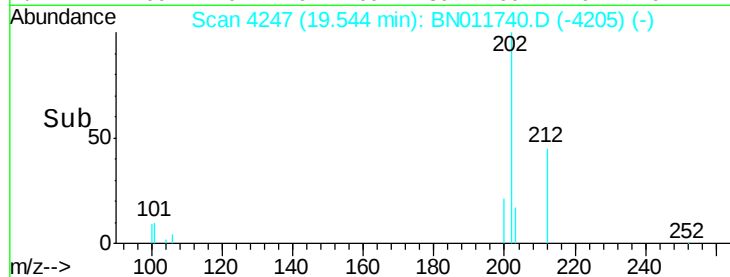
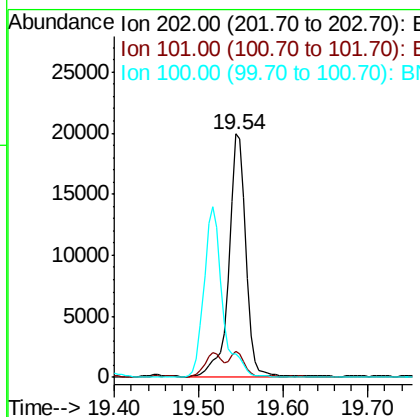
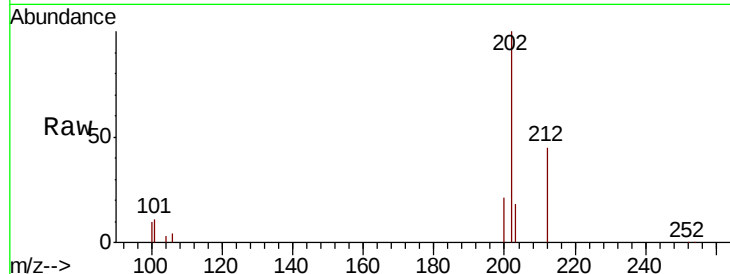
#17
Pvrene
Concen: 1.088 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. -0.00 min
Lab File: BN011740.D
Acq: 08 Sep 2020 17:06

Instrument :
BNA_N
ClientSampled :
C0AB5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	8.0	12.0
100	9.7	6.5	9.7

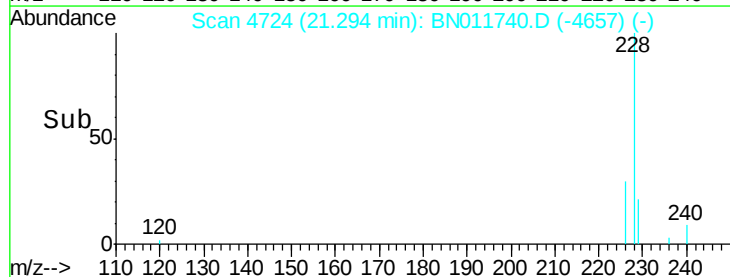
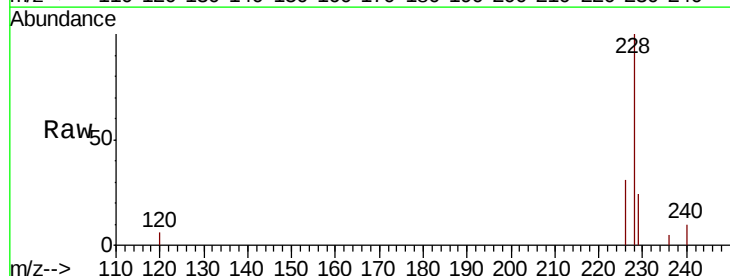
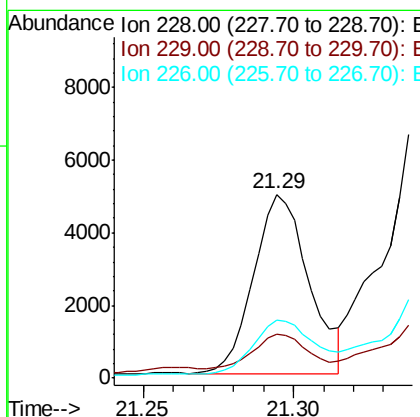
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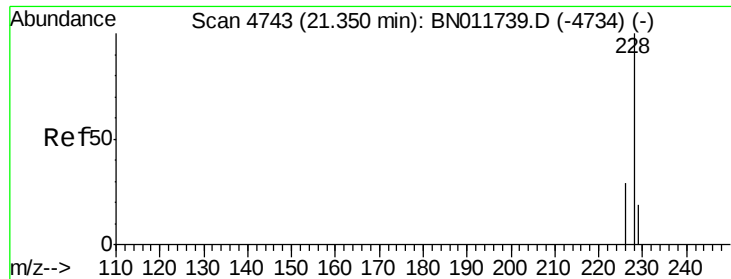
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#18
Benzo(a)anthracene
Concen: 0.277 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011740.D
Acq: 08 Sep 2020 17:06

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.7	15.9	23.9
226	31.3	21.9	32.9





#19

Chrysene

Concen: 0.601 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011740.D

Acq: 08 Sep 2020 17:06

Instrument :

BNA_N

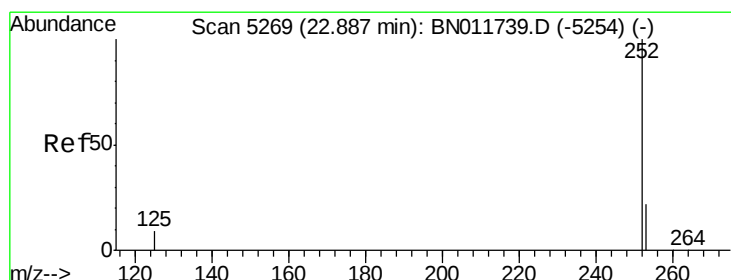
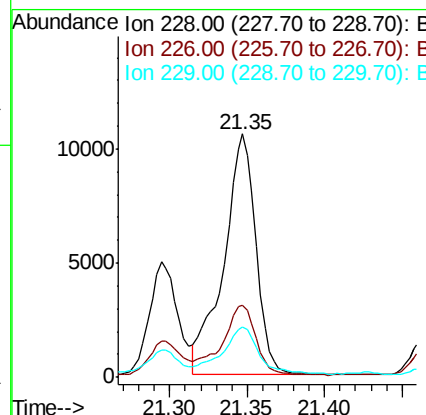
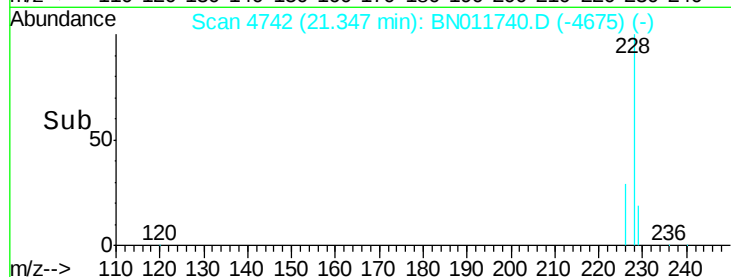
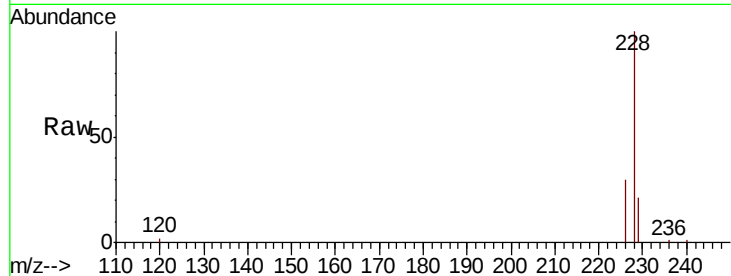
ClientSampled :

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Tot Ion:228	Resp:	15248
Ion Ratio	Lower	Upper
228 100		
226 29.6	24.6	37.0
229 20.7	15.9	23.9

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#21

Benzo(b)fluoranthene

Concen: 0.927 ng/ul m

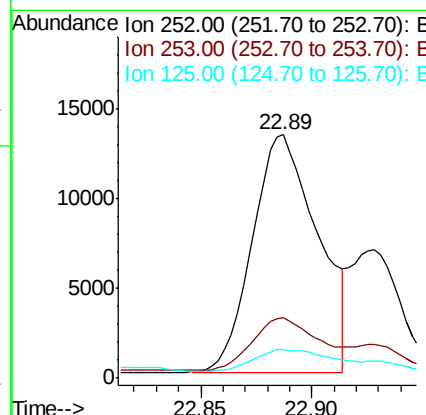
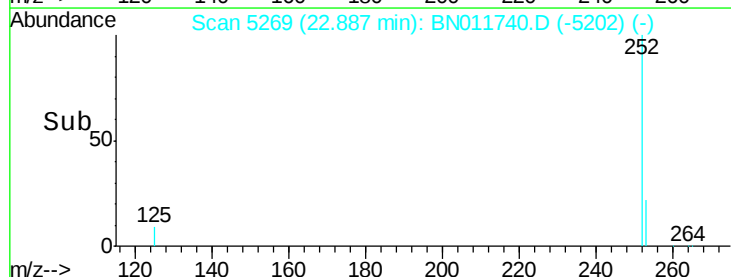
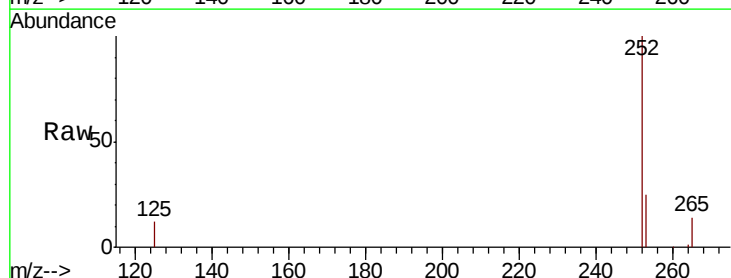
RT: 22.89 min Scan# 5269

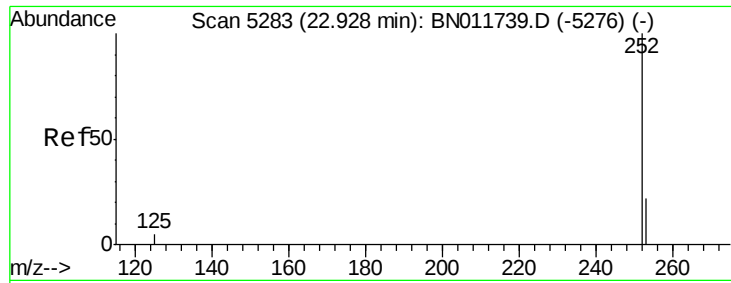
Delta R.T. -0.00 min

Lab File: BN011740.D

Acq: 08 Sep 2020 17:06

Tgt Ion:252	Resp:	27194
Ion Ratio	Lower	Upper
252 100		
253 24.8	0.0	50.6
125 11.6	0.0	23.6





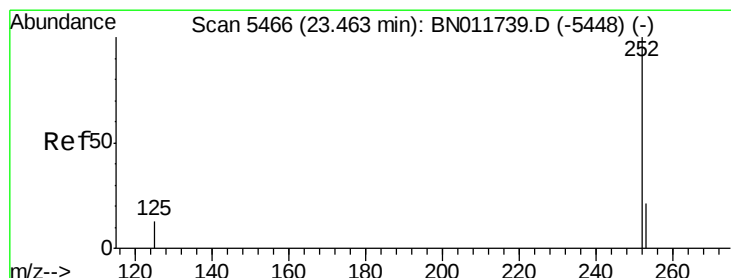
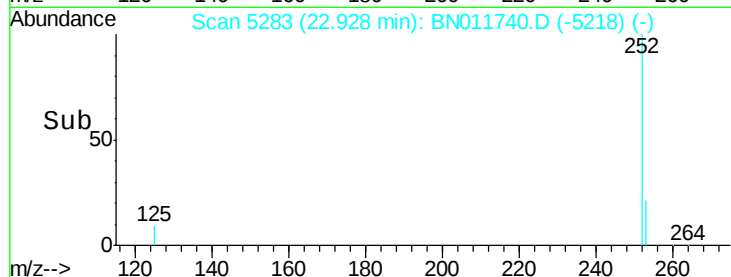
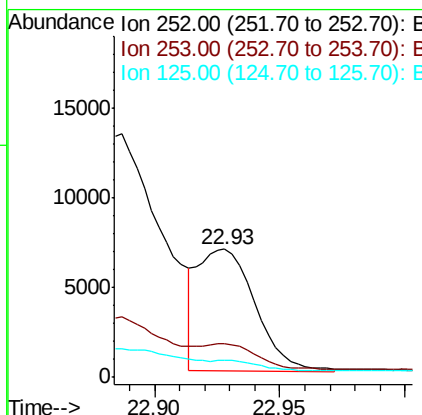
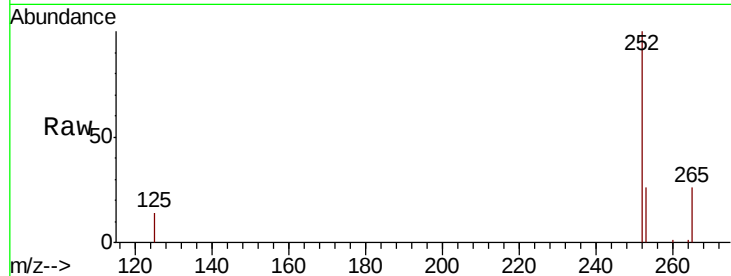
#22
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 22.93 min Scan# 5283
Delta R.T. -0.01 min
Lab File: BN011740.D
Acq: 08 Sep 2020 17:06

Instrument :
BNA_N
ClientSampleId :
C0AB5

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.7	31.1
125	13.7	9.7	14.5

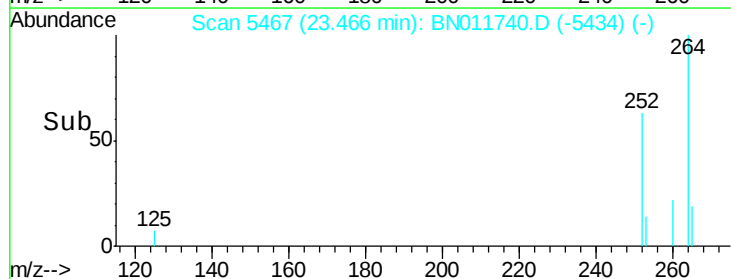
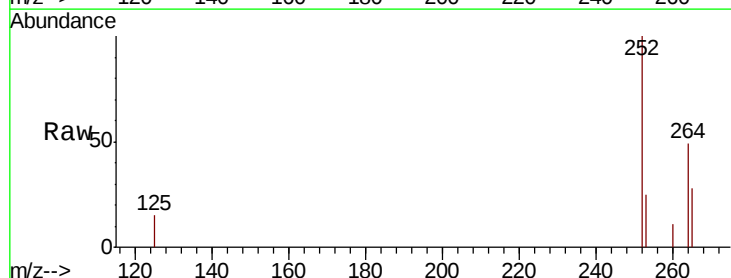
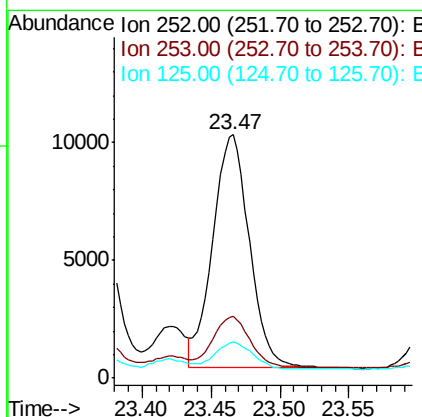
Manual Integrations
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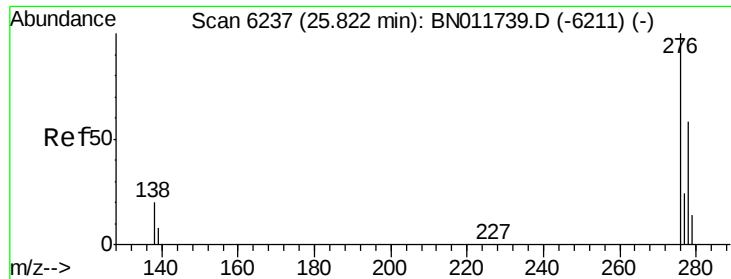
Sohil
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#23
Benzo(a)pyrene
Concen: 0.724 ng/ul
RT: 23.47 min Scan# 5467
Delta R.T. -0.00 min
Lab File: BN011740.D
Acq: 08 Sep 2020 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.6	32.4
125	14.9	12.6	18.8





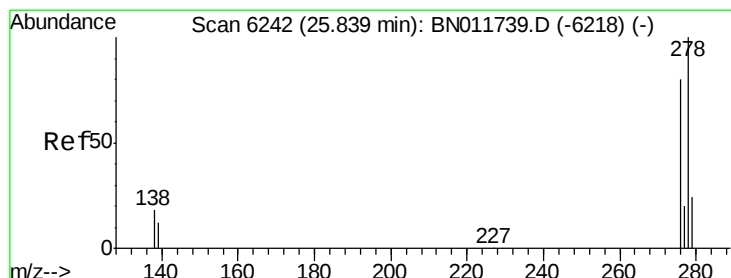
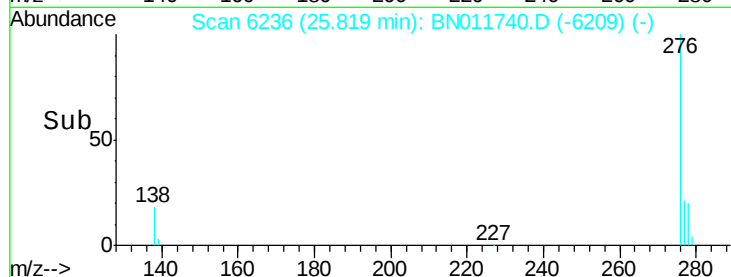
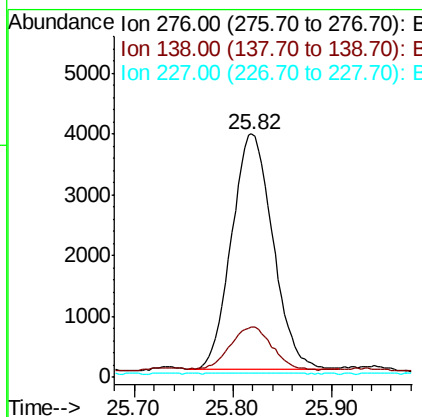
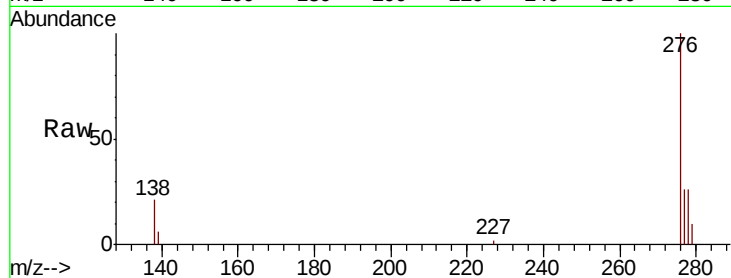
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 25.82 min Scan# 6236
Delta R.T. -0.01 min
Lab File: BN011740.D
Acq: 08 Sep 2020 17:06

Instrument :
BNA_N
ClientSampled :
C0AB5

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	0.0	0.0#
227	0.1	0.1	0.1#

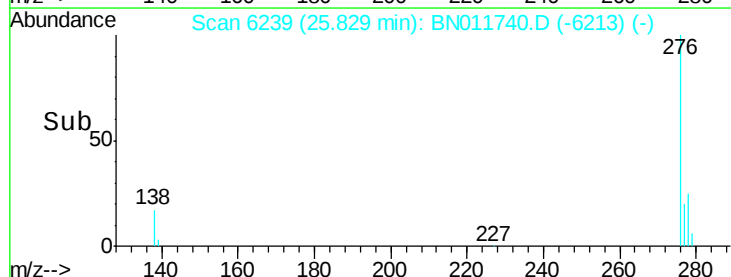
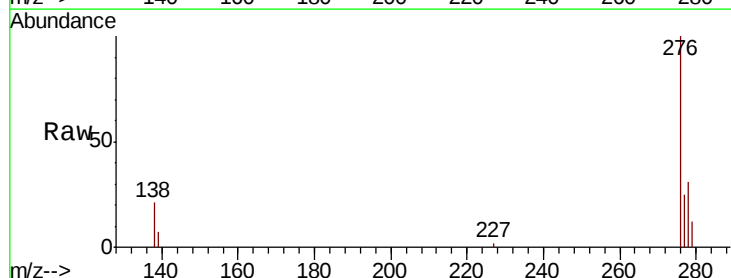
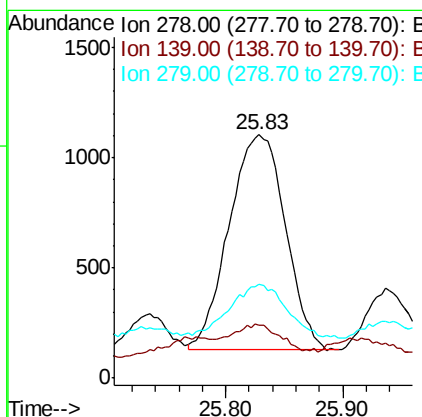
Manual Integrations
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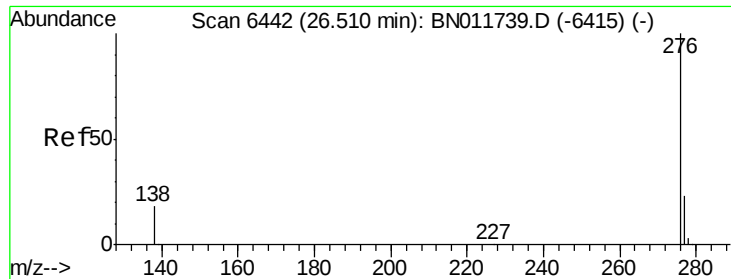
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#25
Dibenzo(a,h)anthracene
Concen: 0.120 ng/ul
RT: 25.83 min Scan# 6239
Delta R.T. -0.01 min
Lab File: BN011740.D
Acq: 08 Sep 2020 17:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	12.4	18.6#
279	38.3	21.8	32.6#





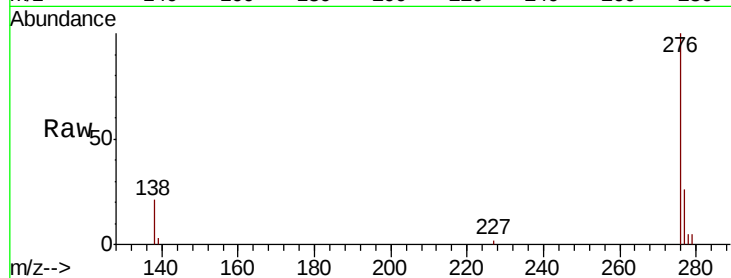
#26
 Benzo(a,h,i)perylene
 Concen: 0.375 ng/ul
 RT: 26.51 min Scan# 6443
 Delta R.T. -0.00 min
 Lab File: BN011740.D
 Acq: 08 Sep 2020 17:06

Instrument :
 BNA_N
 ClientSampleId :
 C0AB5

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	14.7	22.1
277	25.7	19.5	29.3

Manual Integrations
 APPROVED

Sohil
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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

