

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011702.D
 Acq On : 04 Sep 2020 15:08
 Operator : CG/JU
 Sample : L3840-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1

Manual Integrations
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mohammad
 9/8/2020 1:46:41 PM

Quant Time: Sep 08 11:04:05 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 : Fri Sep 04 13:19:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1954	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7440	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4138	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	8826	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	7623	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	7678	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1865	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	3984	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	711	0.033	ng/ul#	80
7) Acenaphthylene	14.10	152	1920	0.092	ng/ul	95
12) Phenanthrene	17.16	178	1115m	0.037	ng/ul	
13) Anthracene	17.26	178	2314	0.094	ng/ul	97
15) Fluoranthene	19.19	202	2140	0.062	ng/ul	85
17) Pyrene	19.55	202	8409m	0.282	ng/ul	
18) Benzo(a)anthracene	21.30	228	3310m	0.129	ng/ul	
19) Chrysene	21.35	228	7556	0.219	ng/ul	97
21) Benzo(b)fluoranthene	22.90	252	21354m	0.640	ng/ul	
22) Benzo(k)fluoranthene	22.94	252	8688m	0.235	ng/ul	
23) Benzo(a)pyrene	23.47	252	9734	0.347	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.84	276	6321	0.167	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.84	278	1960	0.063	ng/ul#	68
26) Benzo(g,h,i)perylene	26.53	276	4041	0.114	ng/ul#	92

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

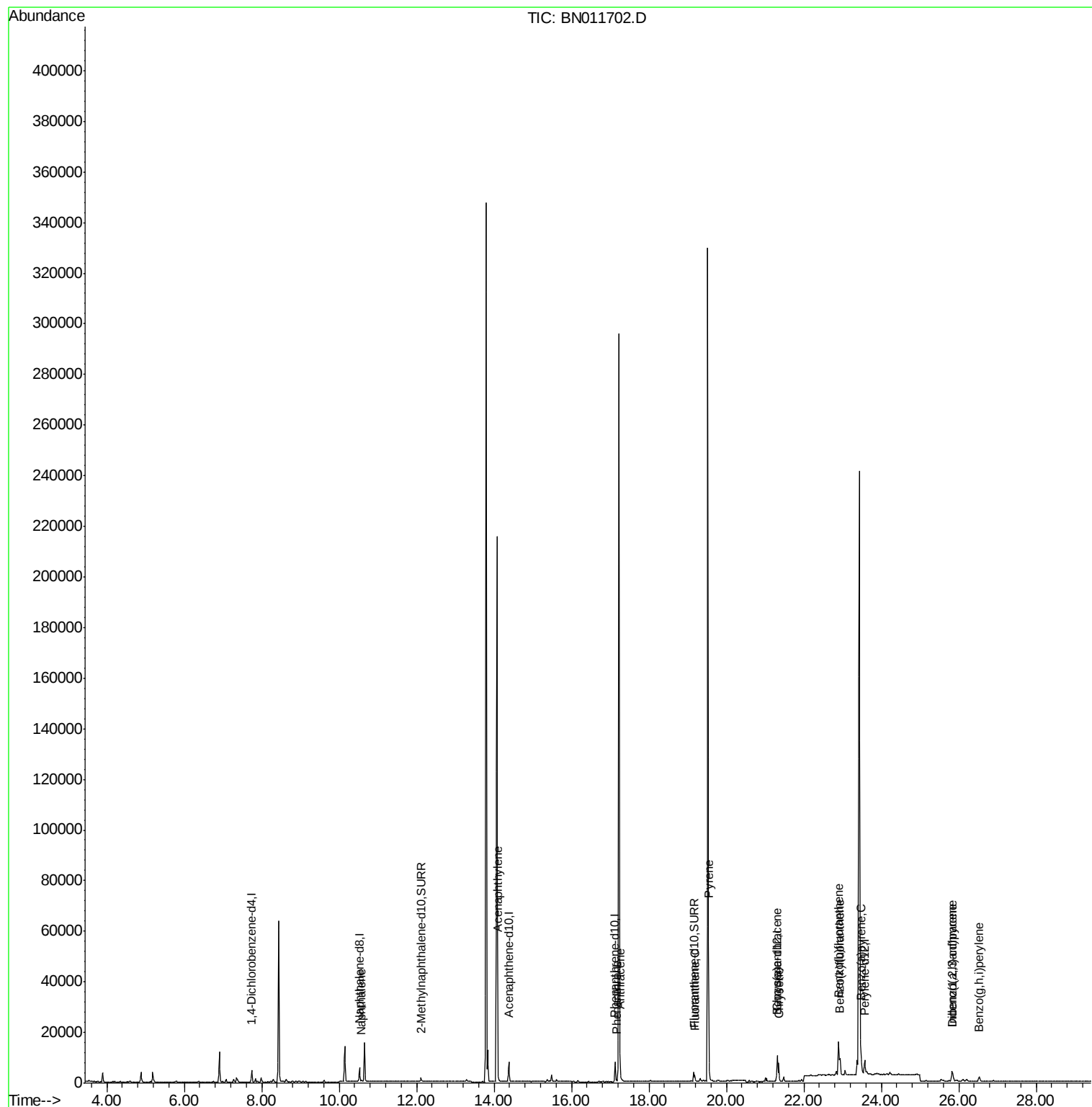
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

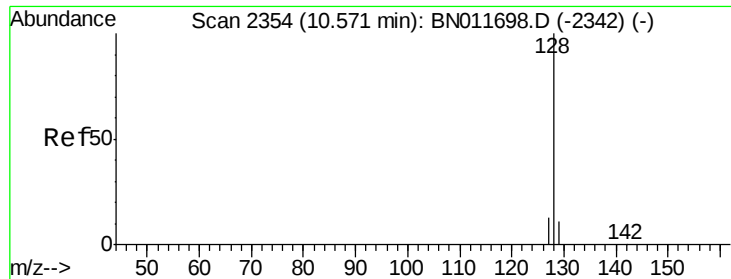
Instrument :
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Quant Time: Sep 08 11:04:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration





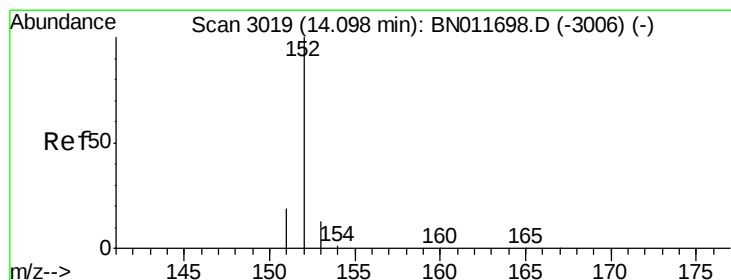
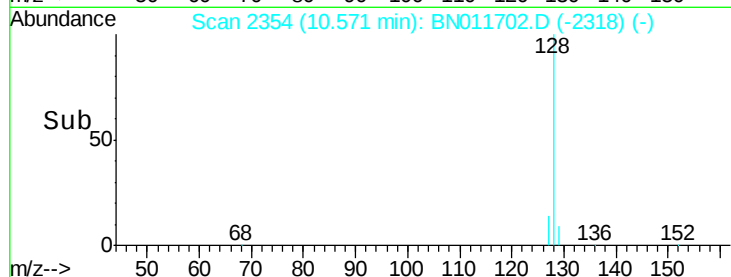
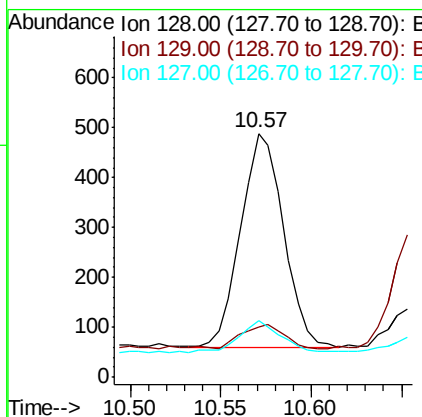
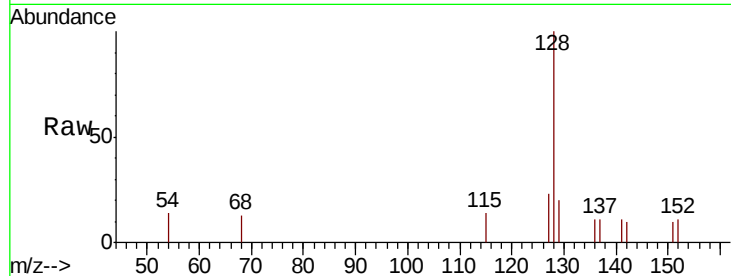
#3
Naphthalene
Concen: 0.033 ng/ul
RT: 10.57 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BN011702.D
Acq: 04 Sep 2020 15:08

Instrument :
BNA_N
ClientSampleId :
C0AB1

Tot Ion	Ratio	Lower	Upper
128	100		
129	20.5	10.4	15.6#
127	23.2	11.4	17.0#

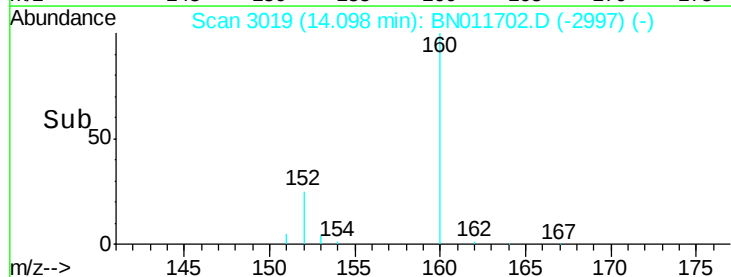
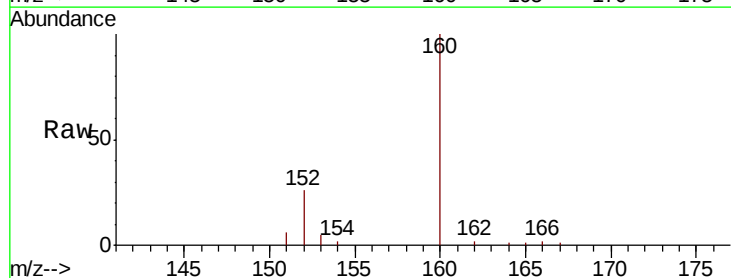
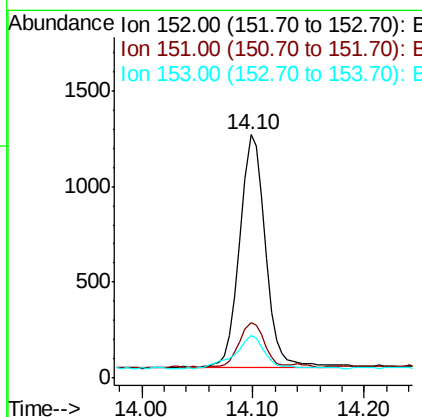
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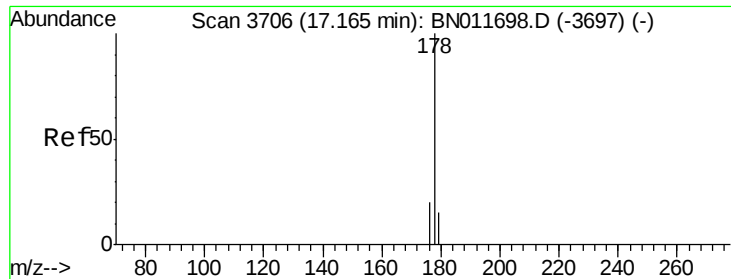
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#7
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.10 min Scan# 3019
Delta R.T. -0.00 min
Lab File: BN011702.D
Acq: 04 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.7	25.1
153	17.4	12.3	18.5





#12

Phenanthrene

Concen: 0.037 ng/ul m

RT: 17.16 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BN011702.D

Acq: 04 Sep 2020 15:08

Instrument :

BNA_N

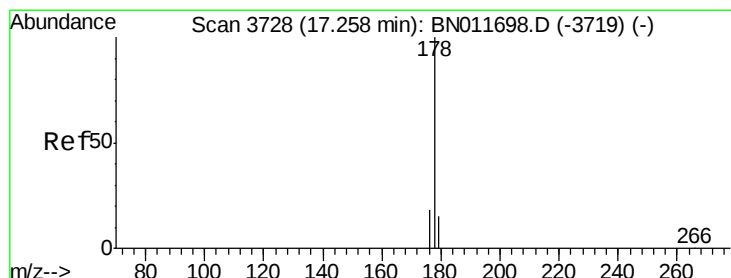
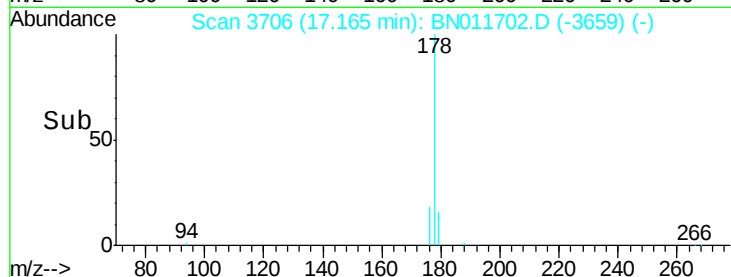
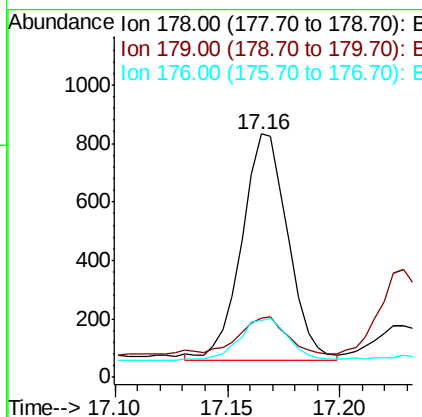
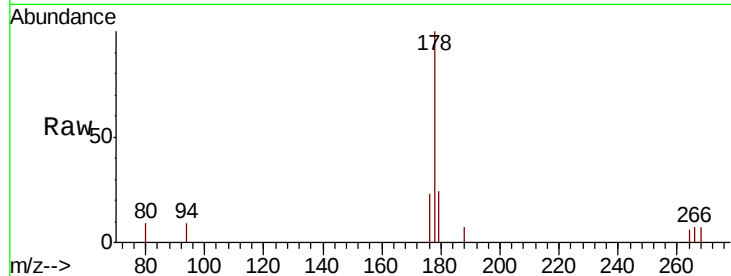
ClientSampled :

C0AB1

Tot Ion:	178	Resp:	1115
Ion	Ratio	Lower	Upper
178	100		
179	24.1	13.8	20.8#
176	23.4	16.3	24.5

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#13

Anthracene

Concen: 0.094 ng/ul

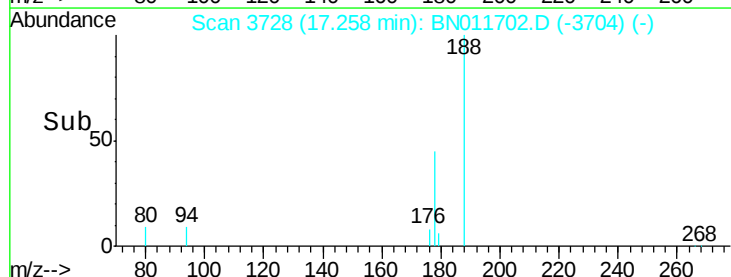
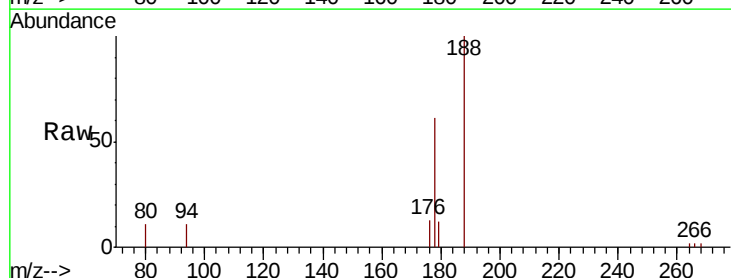
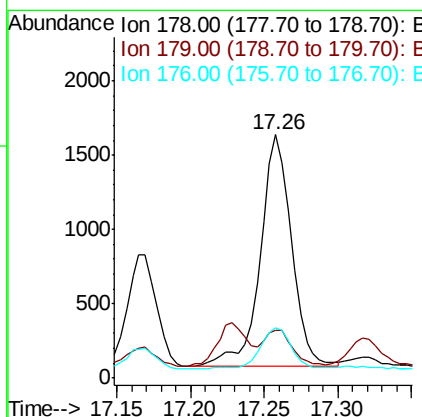
RT: 17.26 min Scan# 3728

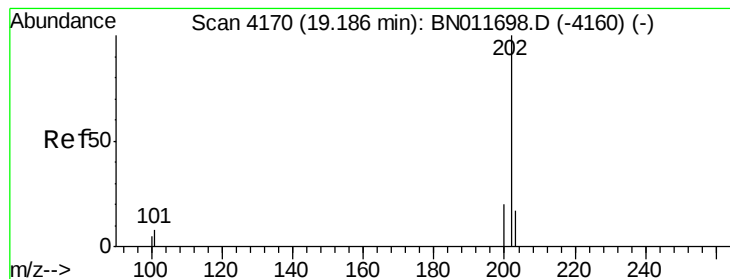
Delta R.T. -0.00 min

Lab File: BN011702.D

Acq: 04 Sep 2020 15:08

Tgt Ion:	178	Resp:	2314
Ion	Ratio	Lower	Upper
178	100		
179	19.7	14.2	21.2
176	20.9	15.8	23.8





#15

Fluoranthene

Concen: 0.062 ng/ul

RT: 19.19 min Scan# 4170

Delta R.T. -0.00 min

Lab File: BN011702.D

Acq: 04 Sep 2020 15:08

Instrument :

BNA_N

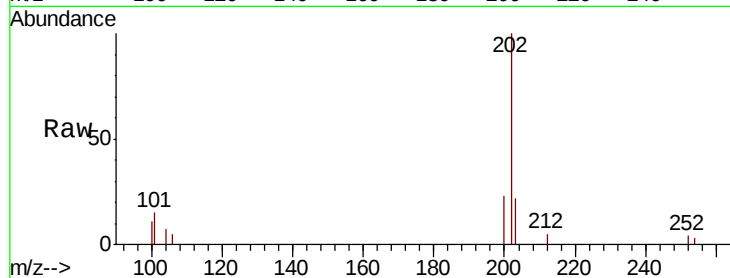
ClientSampleId :

C0AB1

Tot Ion:	202	Resp:	2140
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	28.3
100	10.9	0.0	27.1

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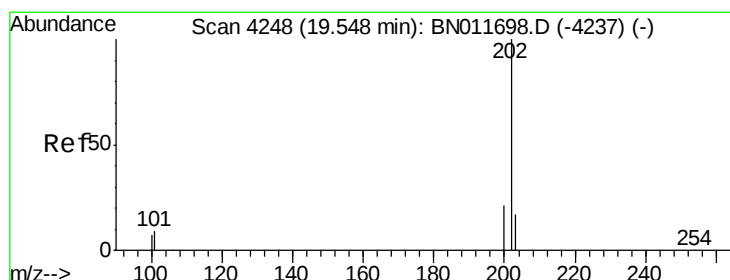
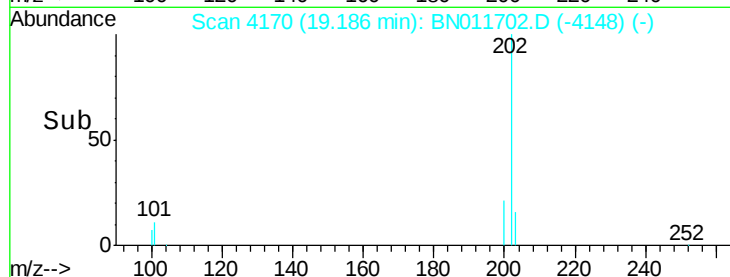
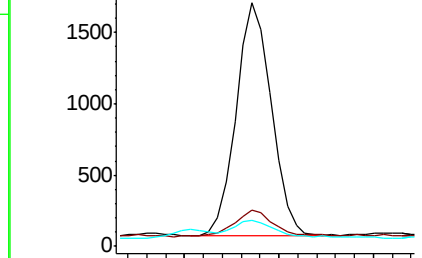
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.282 ng/ul m

RT: 19.55 min Scan# 4248

Delta R.T. -0.00 min

Lab File: BN011702.D

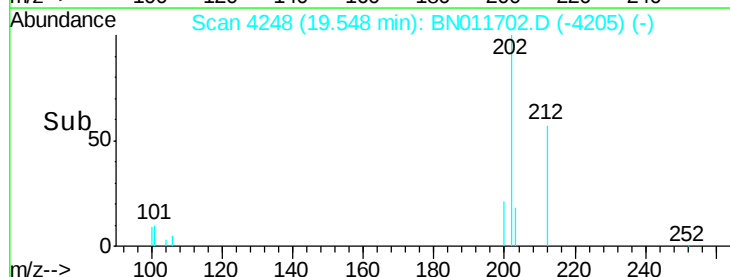
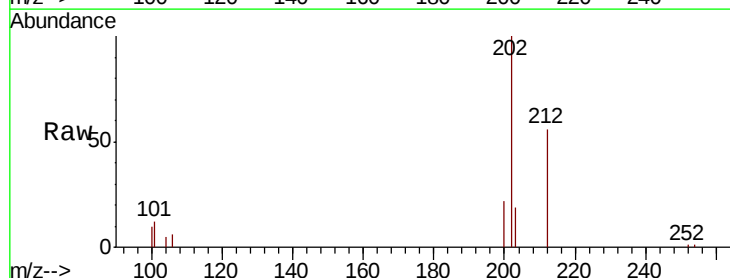
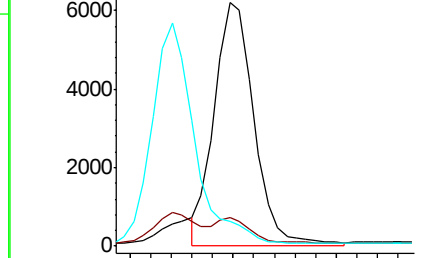
Acq: 04 Sep 2020 15:08

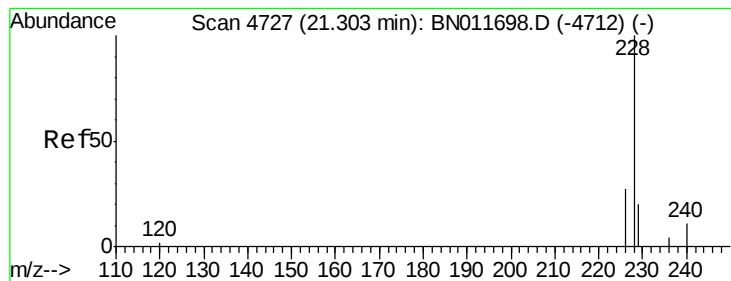
Tgt Ion:	202	Resp:	8409
Ion Ratio	Lower	Upper	
202	100		
101	11.9	7.3	10.9#
100	10.4	6.7	10.1#

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): B





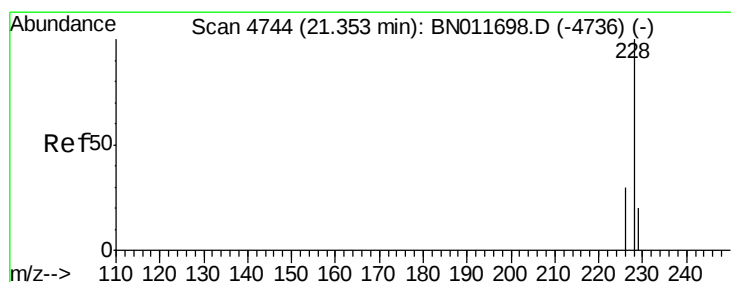
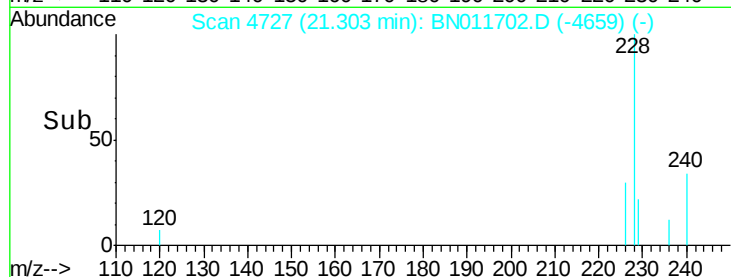
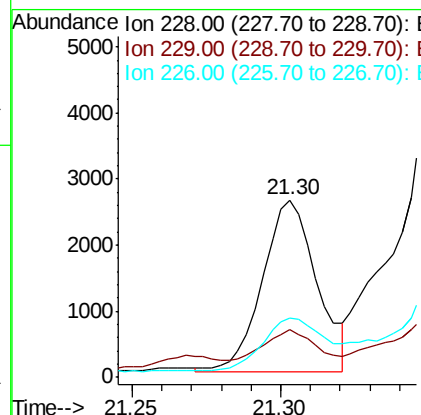
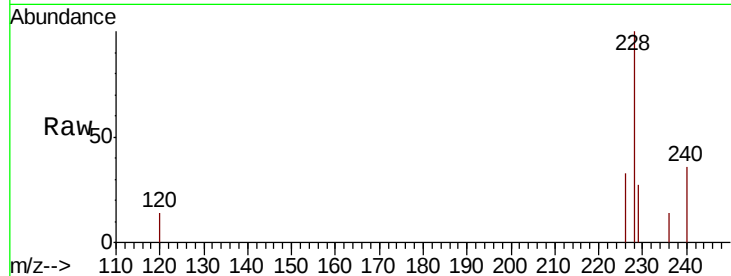
#18
Benzo(a)anthracene
Concen: 0.129 ng/ul m
RT: 21.30 min Scan# 4727
Delta R.T. -0.00 min
Lab File: BN011702.D
Acq: 04 Sep 2020 15:08

Instrument :
BNA_N
ClientSampleId :
C0AB1

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.0	16.7	25.1#
226	33.5	22.9	34.3

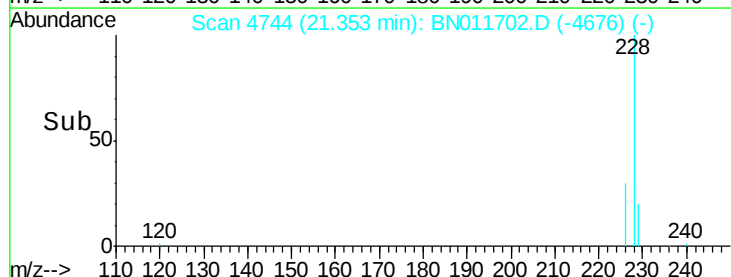
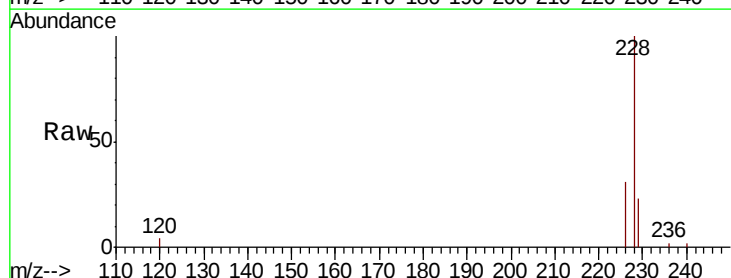
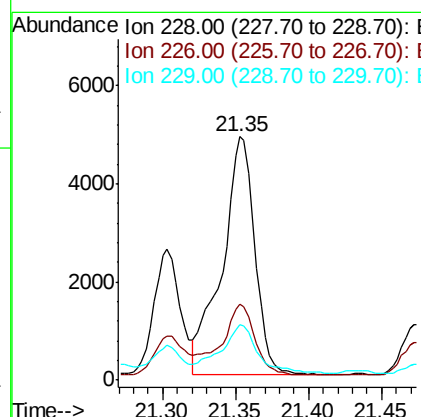
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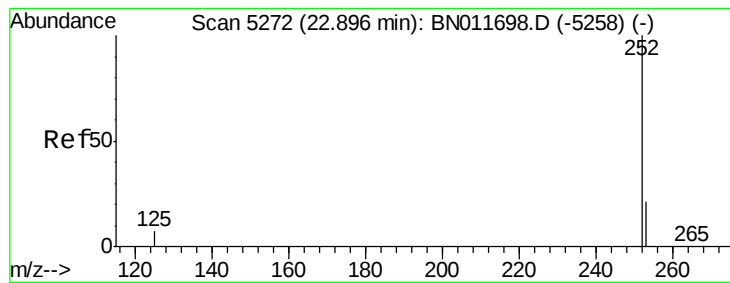
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#19
Chrysene
Concen: 0.219 ng/ul
RT: 21.35 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN011702.D
Acq: 04 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	22.7	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 0.640 ng/ul m

RT: 22.90 min Scan# 5272

Delta R.T. -0.00 min

Lab File: BN011702.D

Acq: 04 Sep 2020 15:08

Instrument :

BNA_N

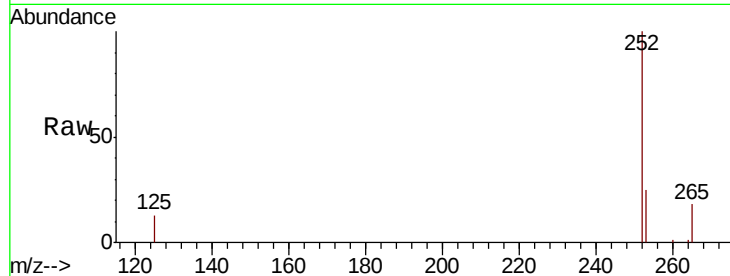
ClientSampleId :

C0AB1

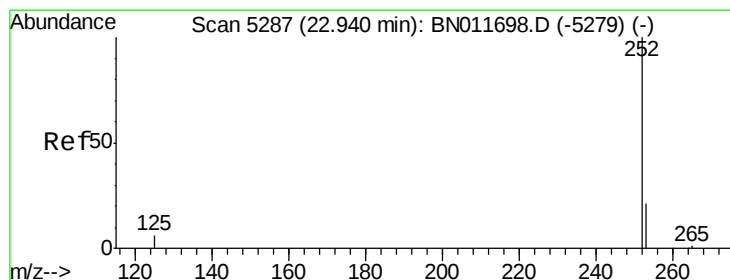
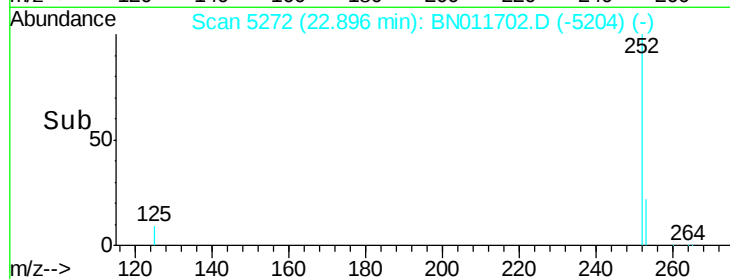
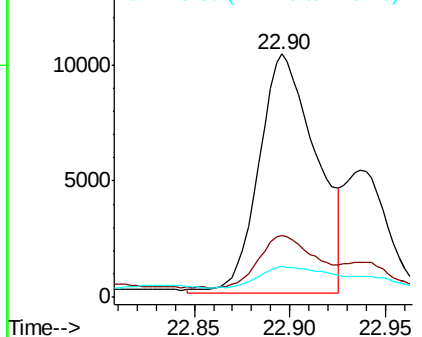
Tot Ion:	252	Resp:	21354
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	54.8
125	12.7	0.0	22.2

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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: 0.235 ng/ul m

RT: 22.94 min Scan# 5286

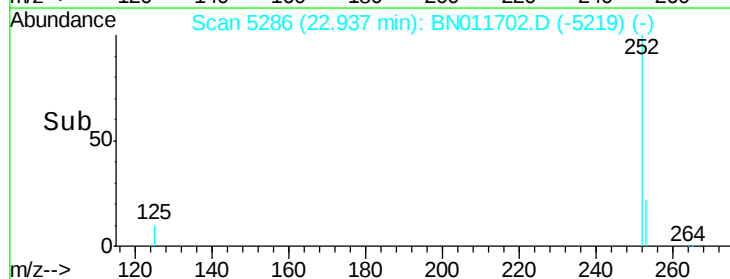
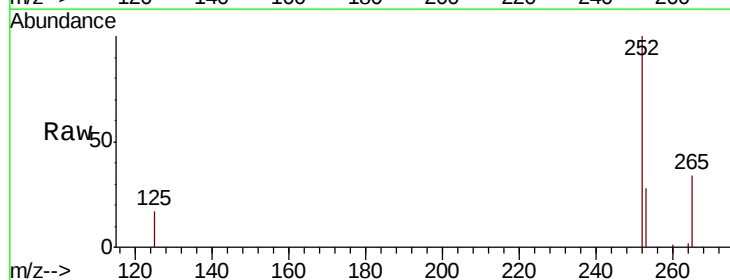
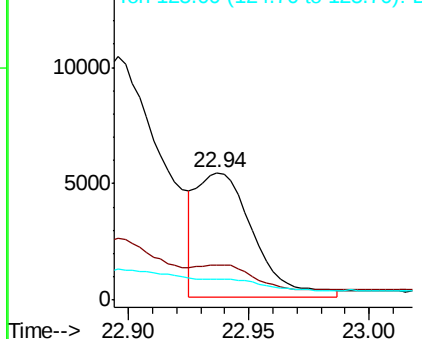
Delta R.T. -0.00 min

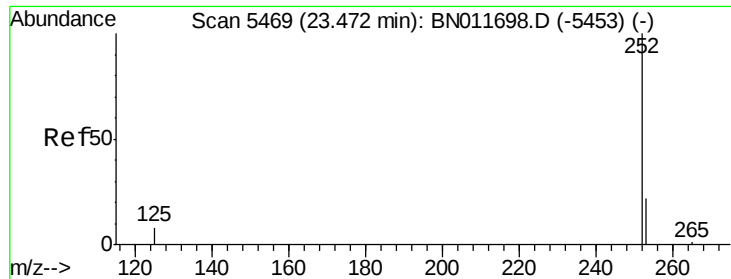
Lab File: BN011702.D

Acq: 04 Sep 2020 15:08

Tgt Ion:	252	Resp:	8688
Ion Ratio	Lower	Upper	
252	100		
253	28.0	21.8	32.6
125	16.9	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





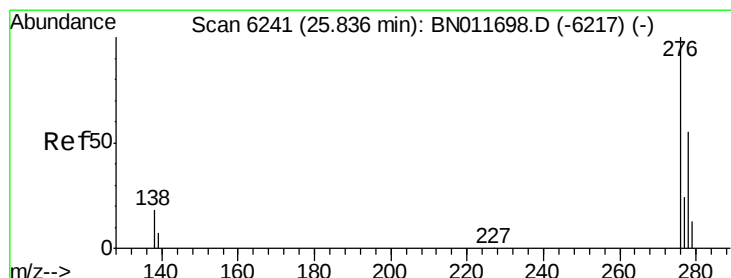
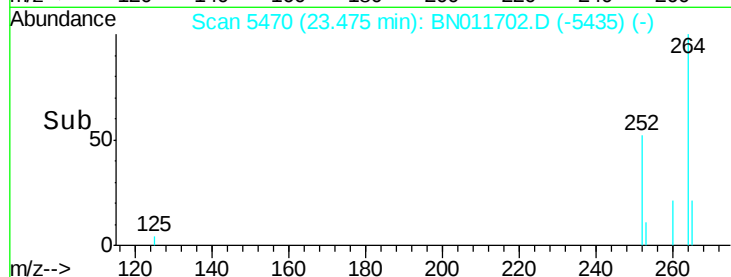
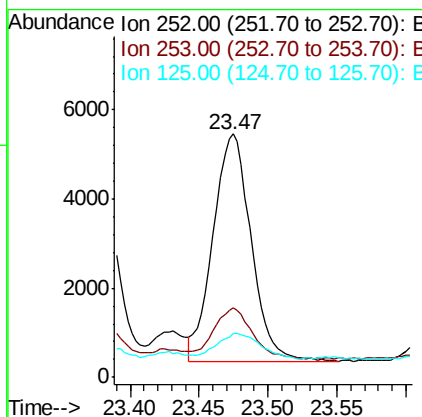
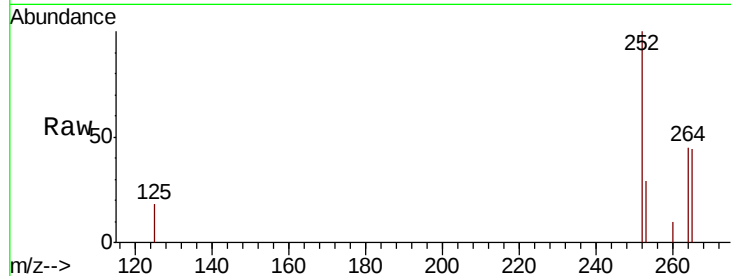
#23
Benzo(a)pyrene
Concen: 0.347 ng/ul
RT: 23.47 min Scan# 5470
Delta R.T. 0.00 min
Lab File: BN011702.D
Acq: 04 Sep 2020 15:08

Instrument :
BNA_N
ClientSampleId :
C0AB1

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	24.4	36.6
125	17.9	11.1	16.7

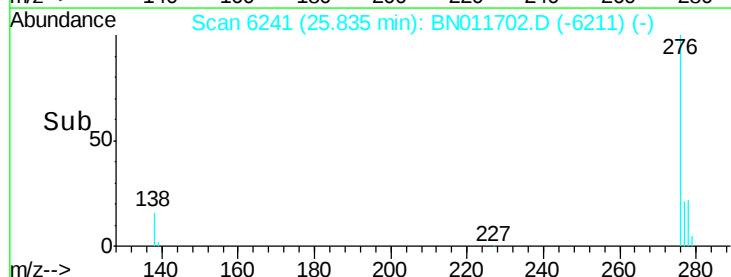
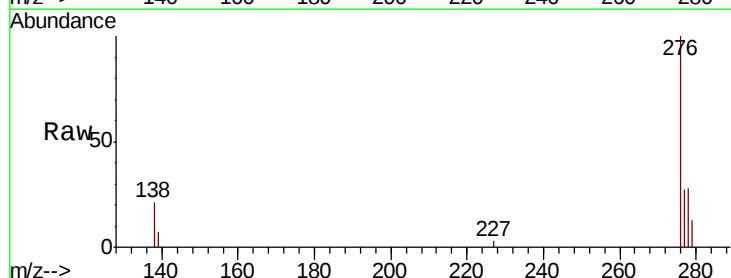
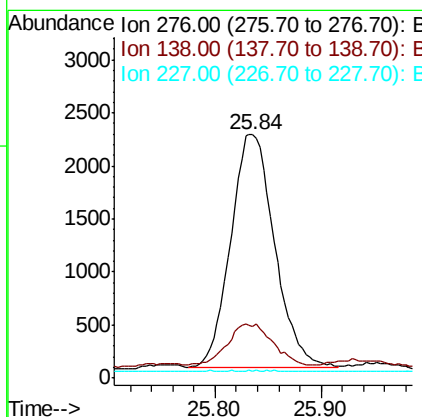
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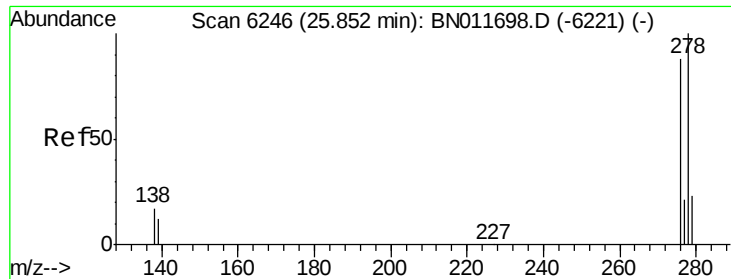
mohammad
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.167 ng/ul
RT: 25.84 min Scan# 6241
Delta R.T. -0.00 min
Lab File: BN011702.D
Acq: 04 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.8	23.6
227	0.1	0.2	0.2





#25

Dibenzo(a,h)anthracene

Concen: 0.063 ng/u1

RT: 25.84 min Scan# 6243

Delta R.T. -0.01 min

Lab File: BN011702.D

Acq: 04 Sep 2020 15:08

Instrument :

BNA_N

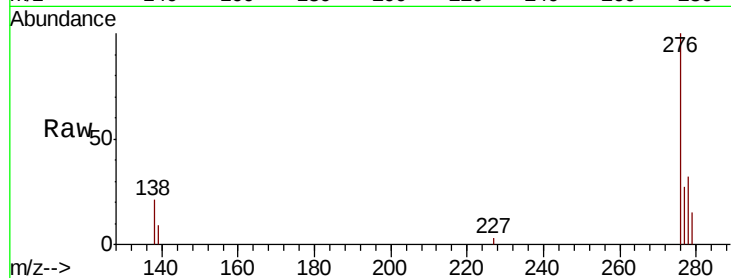
ClientSampleId :

C0AB1

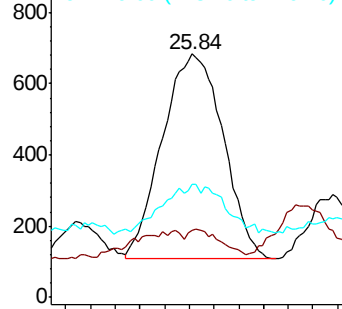
Tot Ion:278	Resp:	1960
Ion Ratio	Lower	Upper
278	100	
139	27.6	12.1 18.1#
279	46.5	22.9 34.3#

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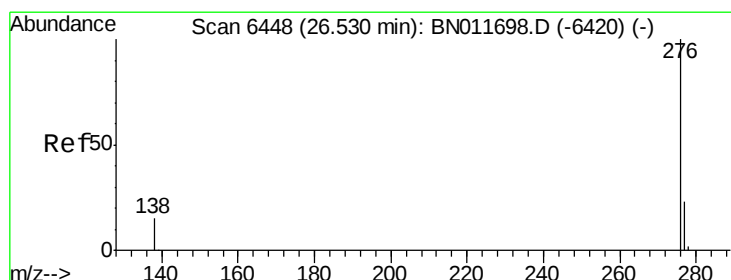
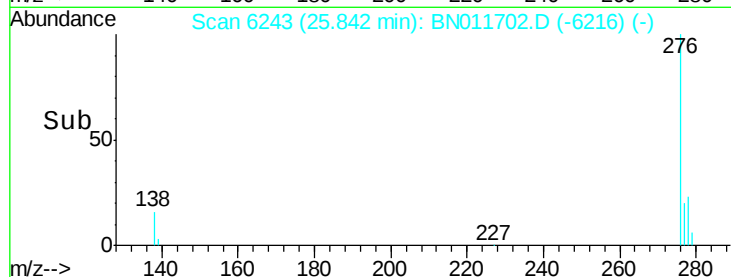
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.114 ng/u1

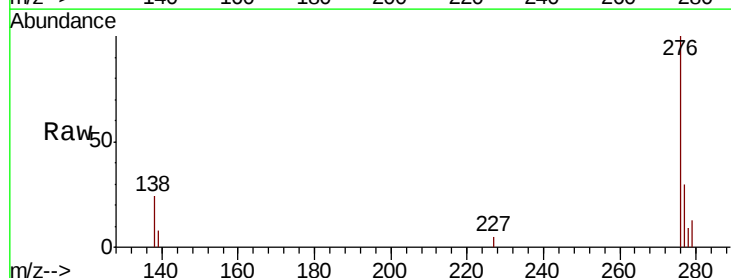
RT: 26.53 min Scan# 6447

Delta R.T. -0.00 min

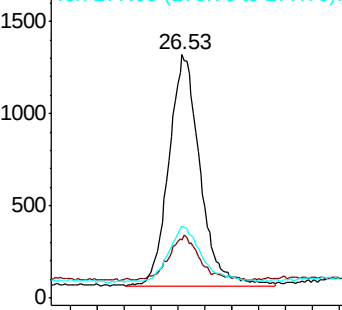
Lab File: BN011702.D

Acq: 04 Sep 2020 15:08

Tgt Ion:276	Resp:	4041
Ion Ratio	Lower	Upper
276	100	
138	23.8	15.8 23.6#
277	29.7	20.6 31.0



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



Time-->

