

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011707.D
 Acq On : 04 Sep 2020 18:08
 Operator : CG/JU
 Sample : L3840-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE0

Manual Integrations
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mohammad
 9/8/2020 1:46:56 PM

Quant Time: Sep 04 18:42:54 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	2358	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9182	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5223	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	11193m	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	10029	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	10352	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2764	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6236	0.20	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.57	128	1780	0.067	ng/ul#	93
7) Acenaphthylene	14.10	152	2150	0.082	ng/ul	96
12) Phenanthrene	17.17	178	1492	0.039	ng/ul	95
13) Anthracene	17.26	178	2569	0.082	ng/ul	97
15) Fluoranthene	19.19	202	4175	0.096	ng/ul	94
17) Pyrene	19.55	202	9901	0.253	ng/ul#	93
18) Benzo(a)anthracene	21.30	228	6017	0.179	ng/ul	95
19) Chrysene	21.35	228	14018	0.309	ng/ul	100
21) Benzo(b)fluoranthene	22.90	252	22931m	0.510	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	9702m	0.195	ng/ul	
23) Benzo(a)pyrene	23.47	252	14687	0.388	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.84	276	10085	0.197	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.85	278	3052	0.073	ng/ul#	81
26) Benzo(g,h,i)perylene	26.53	276	8517	0.178	ng/ul	96

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

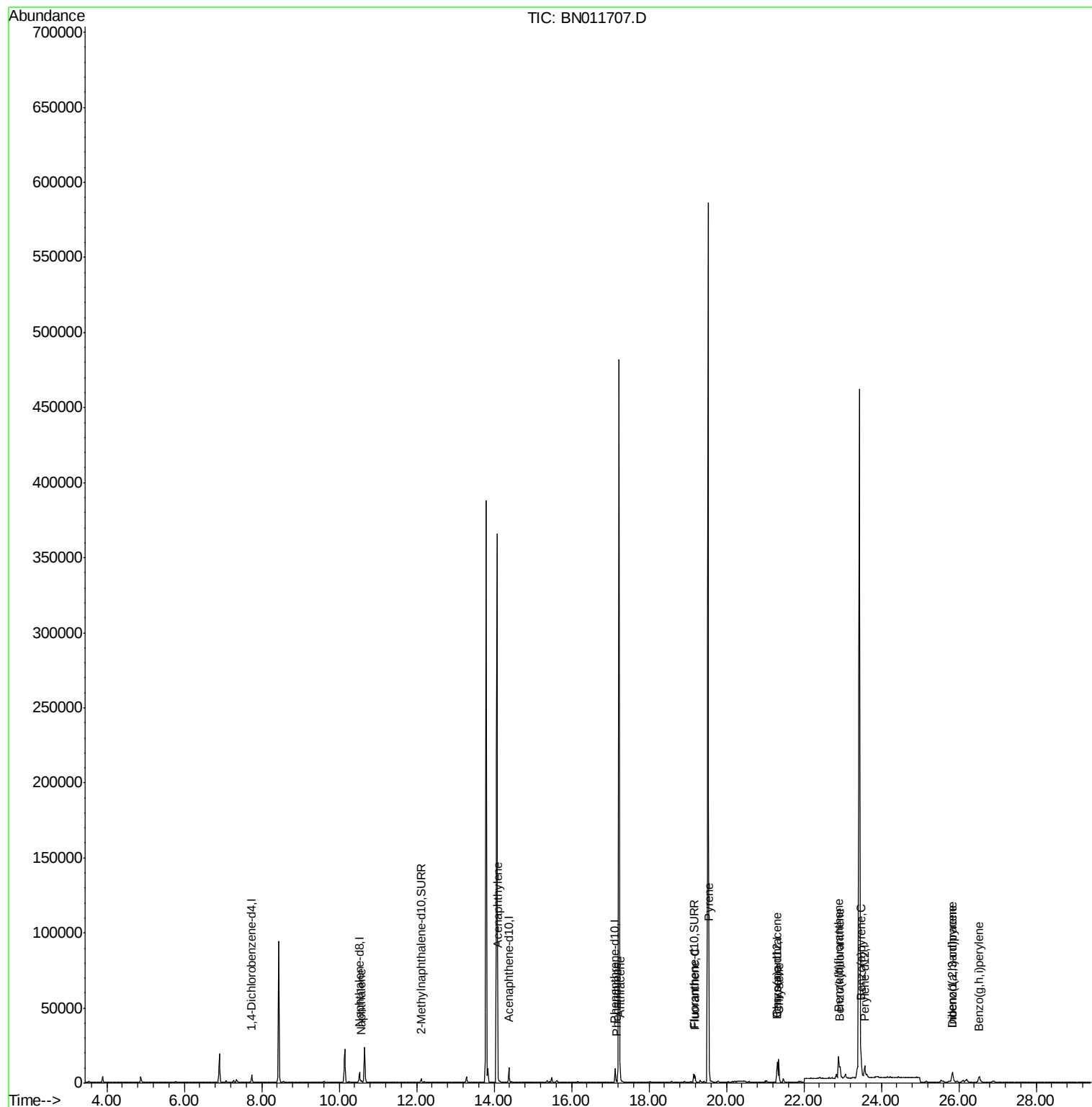
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011707.D
Acq On : 04 Sep 2020 18:08
Operator : CG/JU
Sample : L3840-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

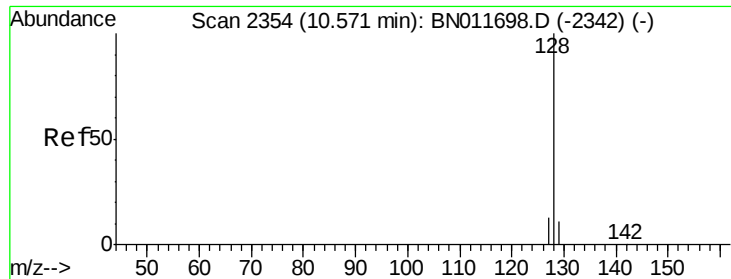
Instrument :
BNA_N
ClientSampleId :
C0AE0

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Quant Time: Sep 04 18:42:54 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: 0.067 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011707.D

Acq: 04 Sep 2020 18:08

Instrument :

BNA_N

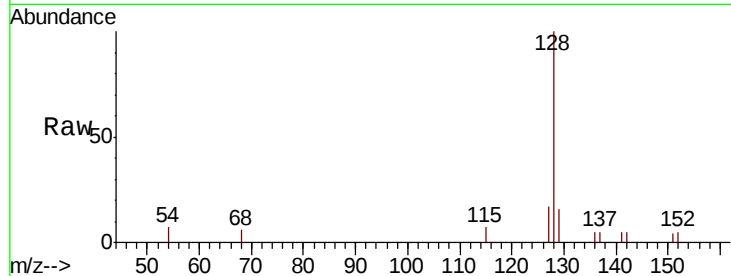
ClientSampleId :

C0AE0

Tot Ion:	128	Resp:	1780
Ion	Ratio	Lower	Upper
128	100		
129	15.8	10.4	15.6#
127	16.9	11.4	17.0

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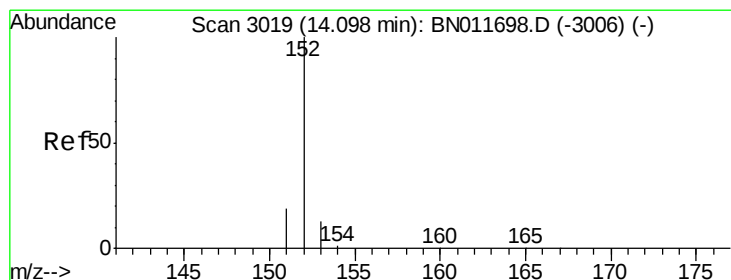
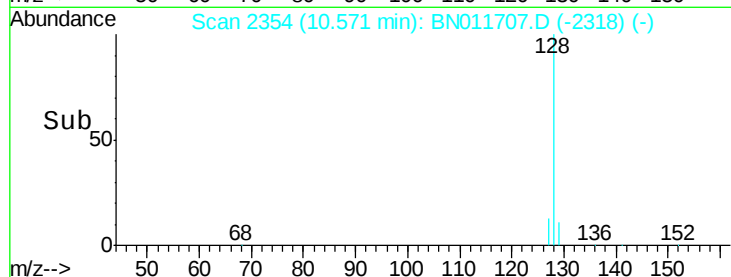
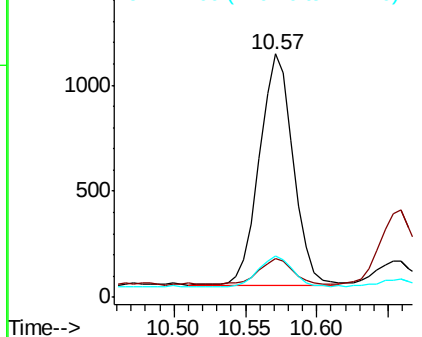


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.082 ng/ul

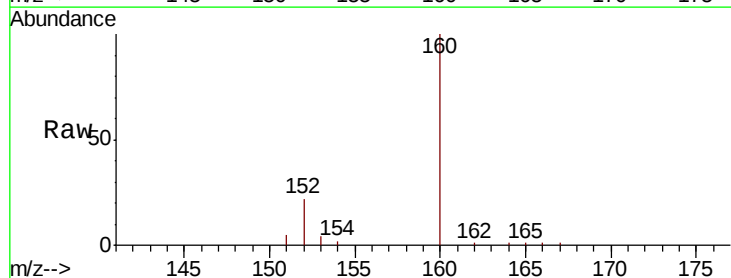
RT: 14.10 min Scan# 3019

Delta R.T. 0.00 min

Lab File: BN011707.D

Acq: 04 Sep 2020 18:08

Tgt Ion:	152	Resp:	2150
Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.7	25.1
153	16.5	12.3	18.5

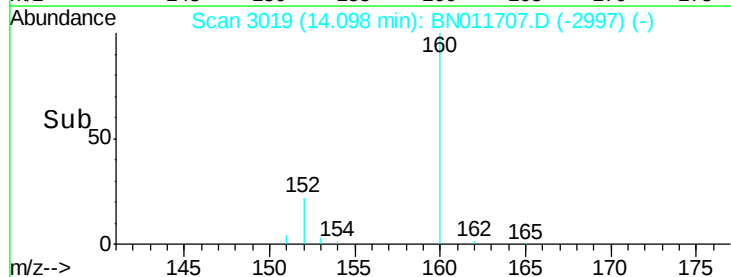
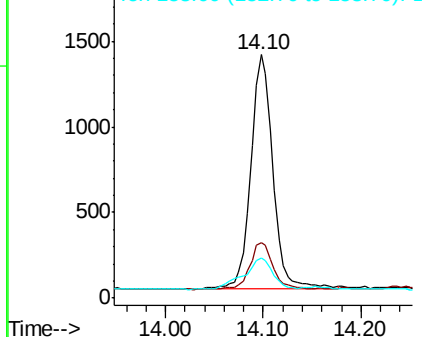


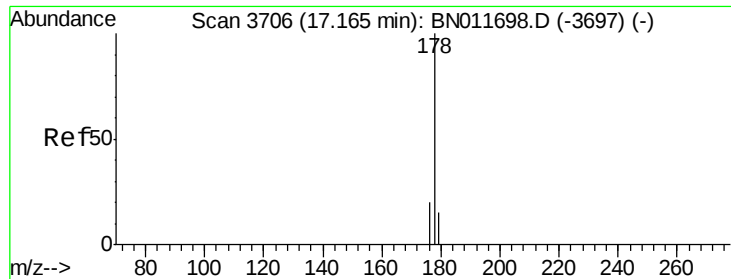
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





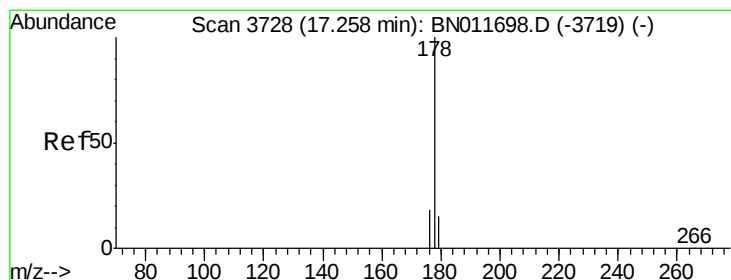
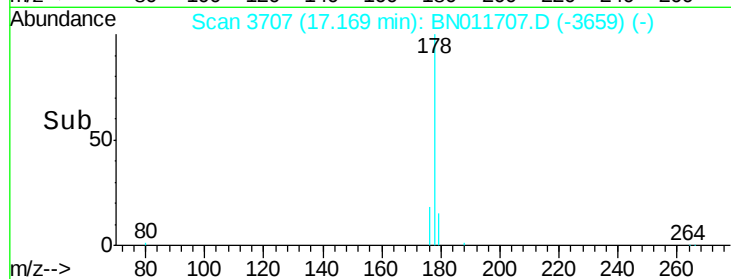
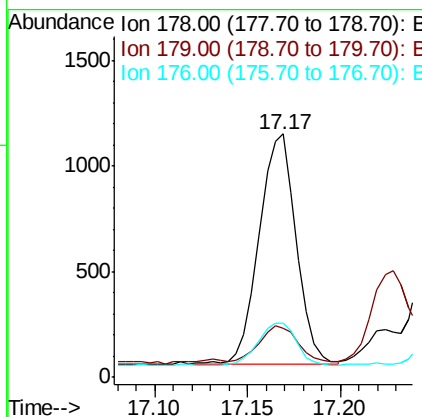
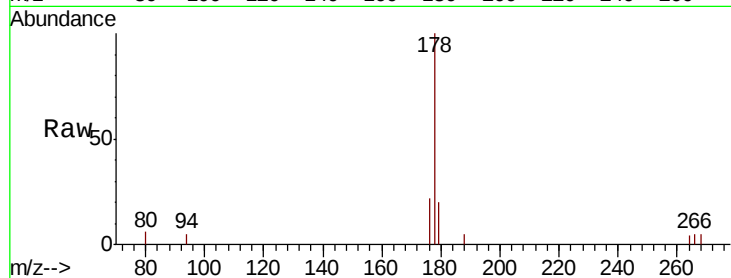
#12
Phenanthrene
Concen: 0.039 ng/ul
RT: 17.17 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BN011707.D
Acq: 04 Sep 2020 18:08

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.0	13.8	20.8
176	22.1	16.3	24.5

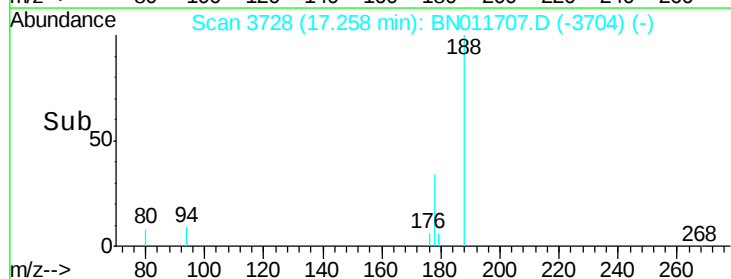
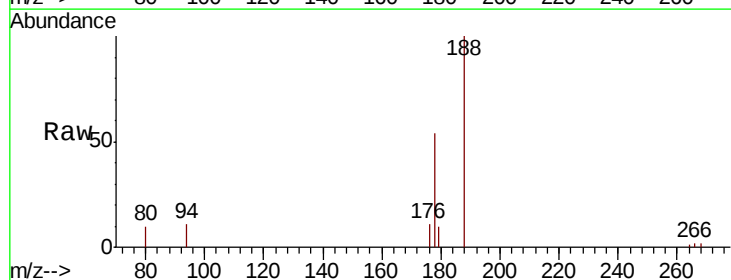
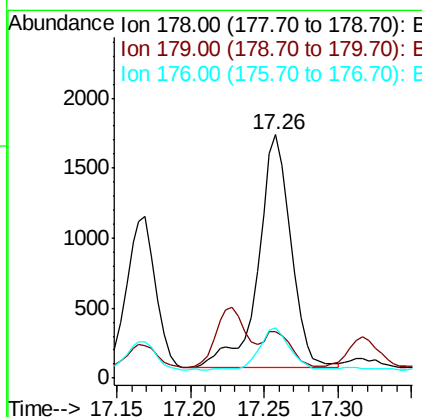
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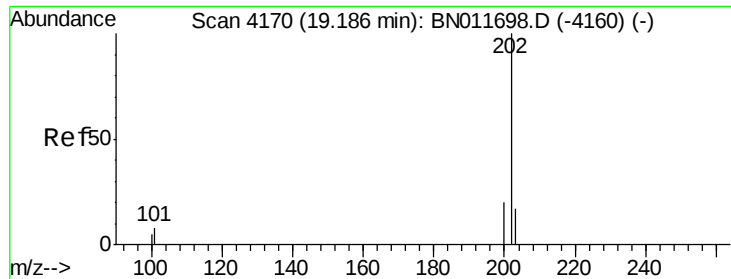
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#13
Anthracene
Concen: 0.082 ng/ul
RT: 17.26 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BN011707.D
Acq: 04 Sep 2020 18:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.3	14.2	21.2
176	20.7	15.8	23.8





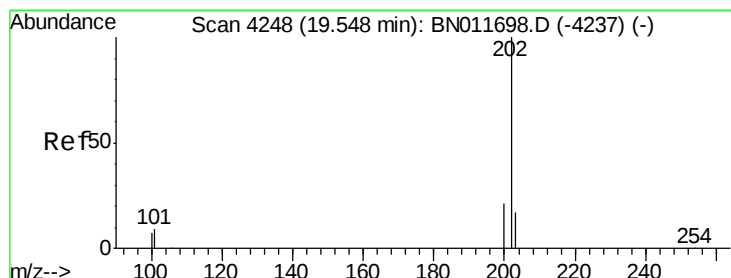
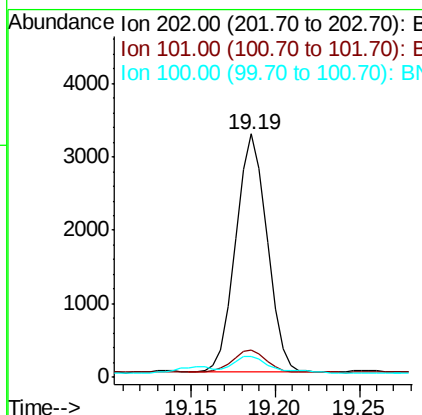
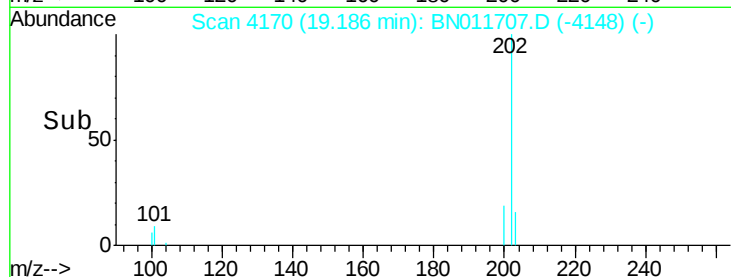
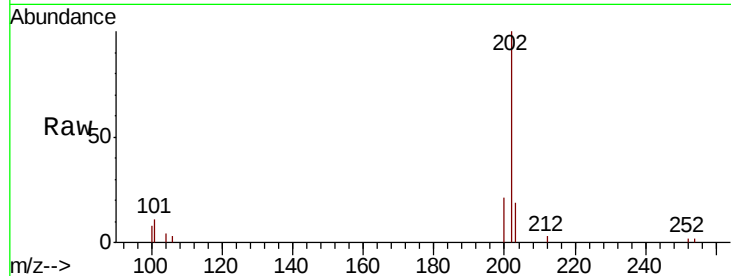
#15
Fluoranthene
Concen: 0.096 ng/ul
RT: 19.19 min Scan# 4170
Delta R.T. 0.00 min
Lab File: BN011707.D
Acq: 04 Sep 2020 18:08

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion	Ratio	Resp	Lower	Upper
202	100	4175		
101	11.4		0.0	28.3
100	8.5		0.0	27.1

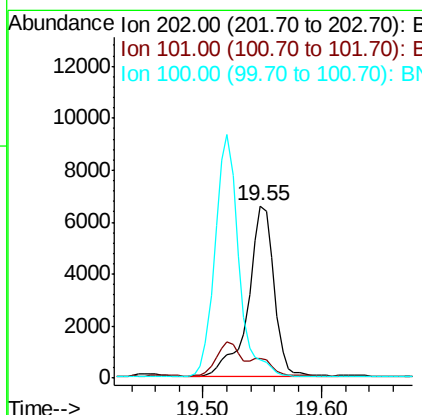
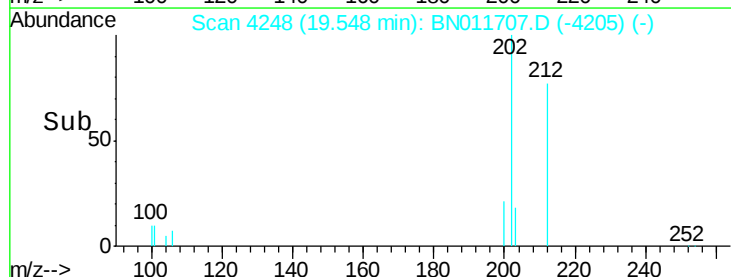
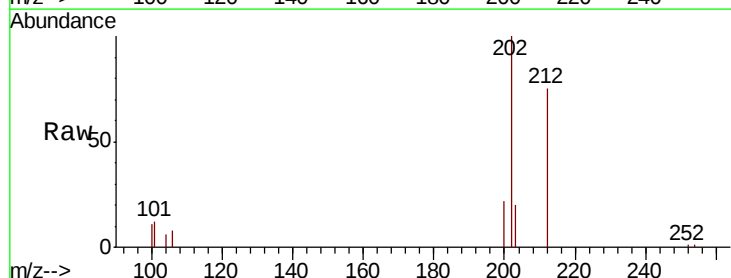
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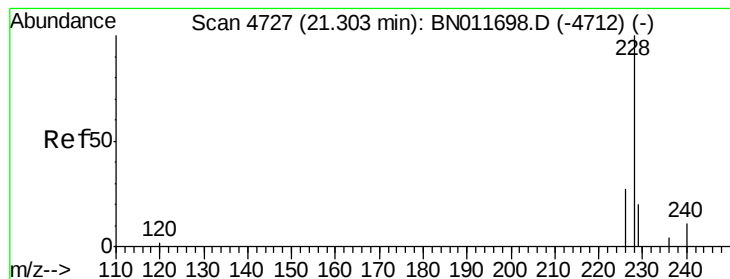
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#17
Pyrene
Concen: 0.253 ng/ul
RT: 19.55 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BN011707.D
Acq: 04 Sep 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	9901		
101	11.6		7.3	10.9#
100	11.0		6.7	10.1#





#18

Benzo(a)anthracene

Concen: 0.179 ng/ul

RT: 21.30 min Scan# 4727

Delta R.T. 0.00 min

Lab File: BN011707.D

Acq: 04 Sep 2020 18:08

Instrument :

BNA_N

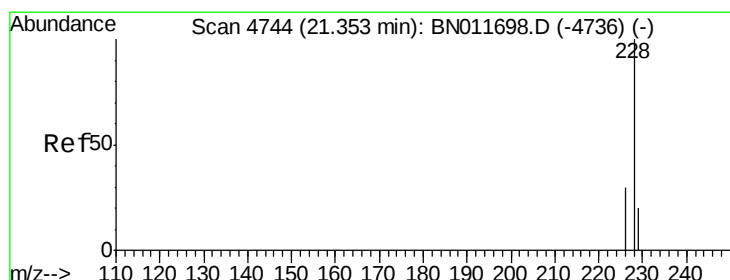
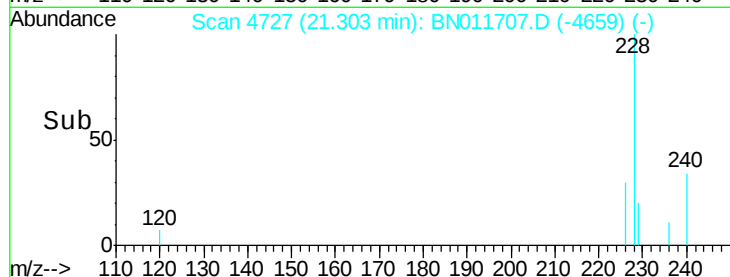
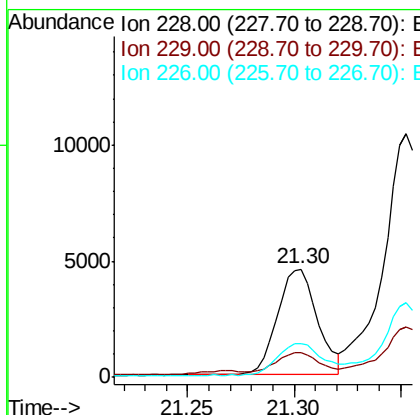
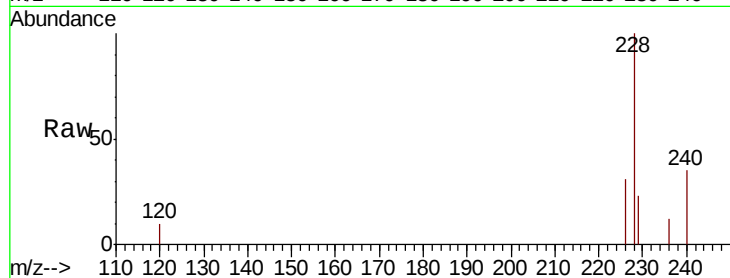
ClientSampled :

C0AE0

Tot Ion:228	Resp:	6017
Ion Ratio	Lower	Upper
228 100		
229 22.9	16.7	25.1
226 31.4	22.9	34.3

Manual Integrations
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#19

Chrysene

Concen: 0.309 ng/ul

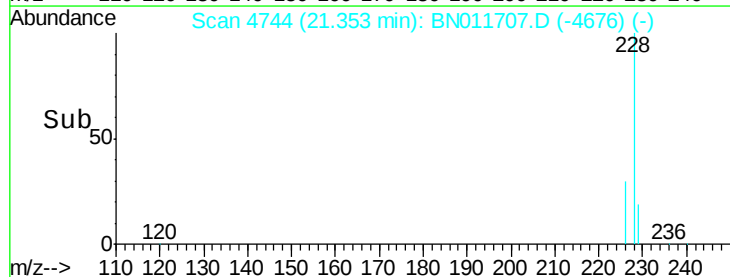
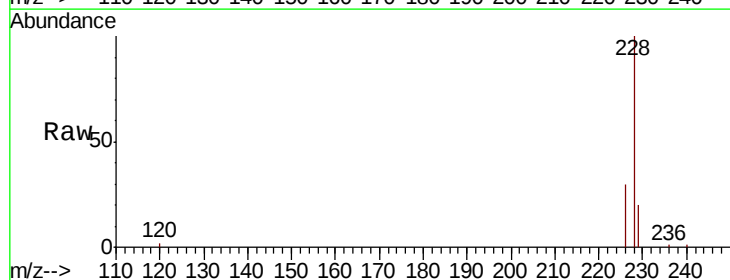
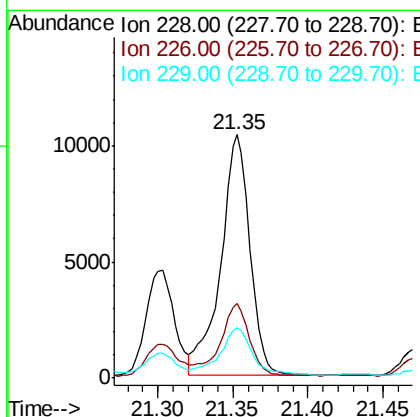
RT: 21.35 min Scan# 4744

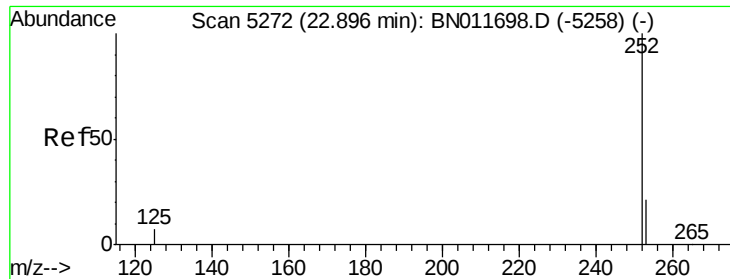
Delta R.T. 0.00 min

Lab File: BN011707.D

Acq: 04 Sep 2020 18:08

Tgt Ion:228	Resp:	14018
Ion Ratio	Lower	Upper
228 100		
226 30.4	24.1	36.1
229 20.4	16.4	24.6





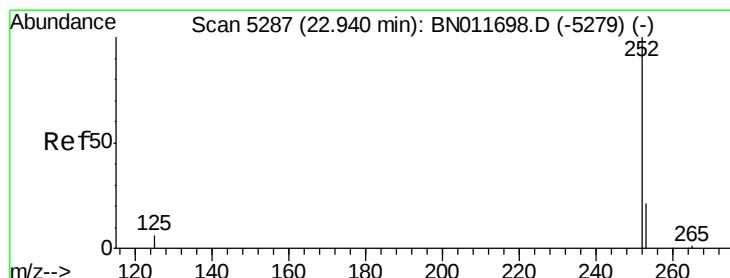
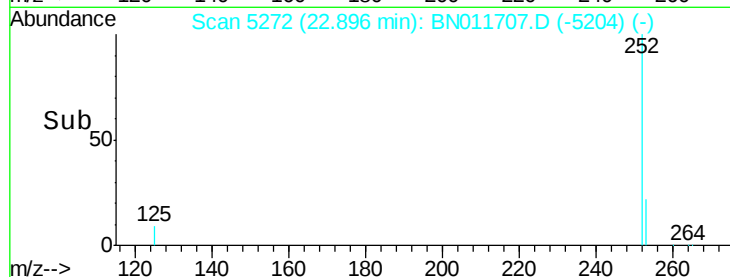
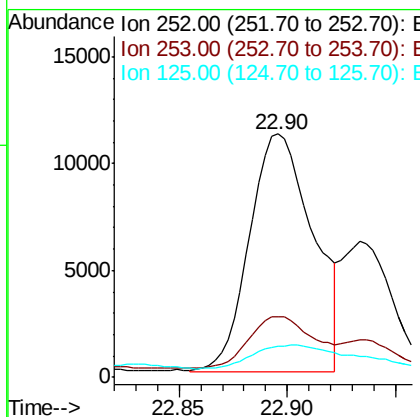
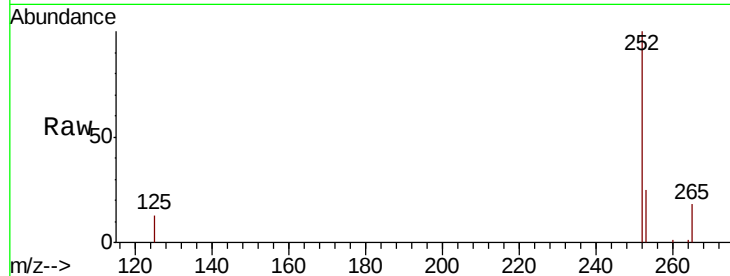
#21
Benzo(b)fluoranthene
Concen: 0.510 ng/ul m
RT: 22.90 min Scan# 5272
Delta R.T. 0.00 min
Lab File: BN011707.D
Acq: 04 Sep 2020 18:08

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	54.8
125	12.7	0.0	22.2

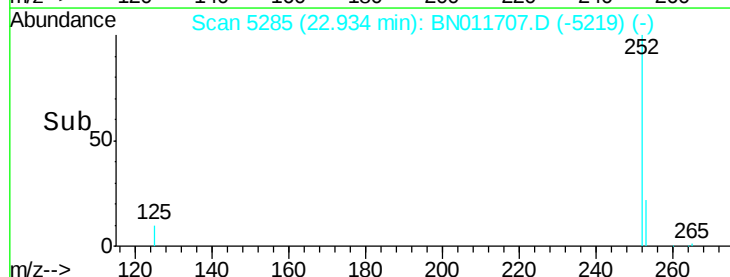
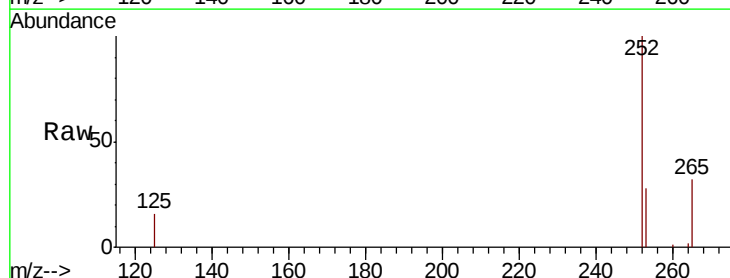
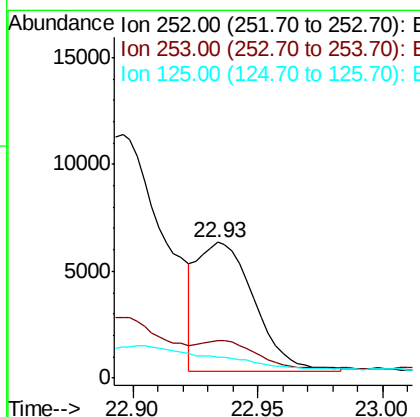
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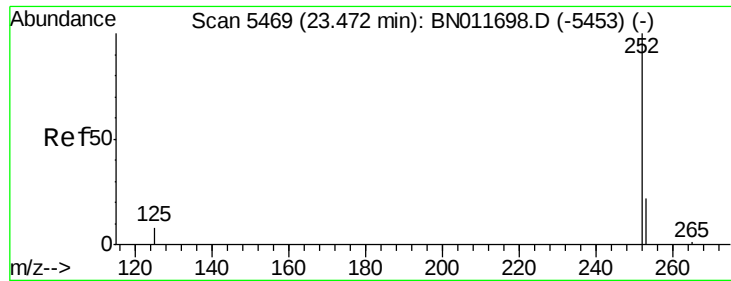
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#22
Benzo(k)fluoranthene
Concen: 0.195 ng/ul m
RT: 22.93 min Scan# 5285
Delta R.T. -0.01 min
Lab File: BN011707.D
Acq: 04 Sep 2020 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.8	32.6
125	15.6	9.1	13.7#





#23

Benzo(a)pyrene

Concen: 0.388 ng/ul

RT: 23.47 min Scan# 5469

Delta R.T. 0.00 min

Lab File: BN011707.D

Acq: 04 Sep 2020 18:08

Instrument :

BNA_N

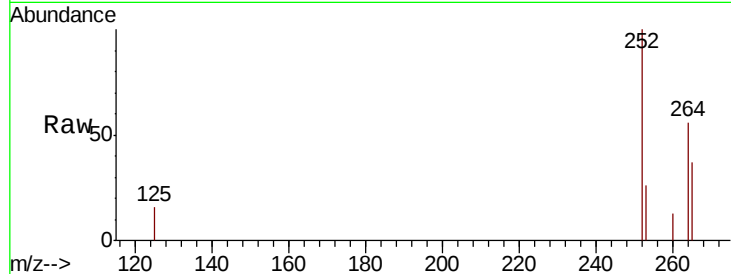
ClientSampled :

C0AE0

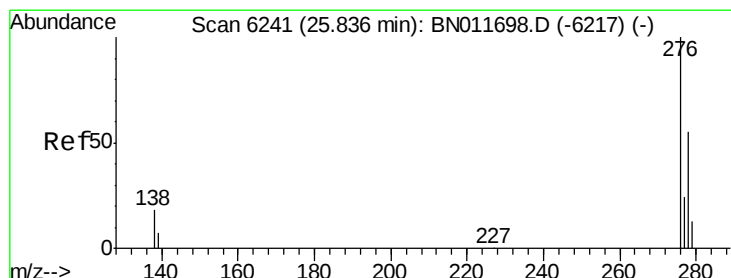
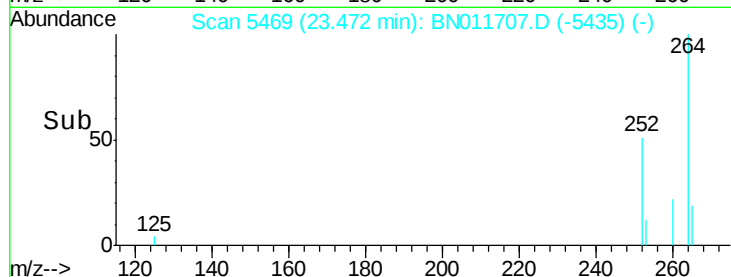
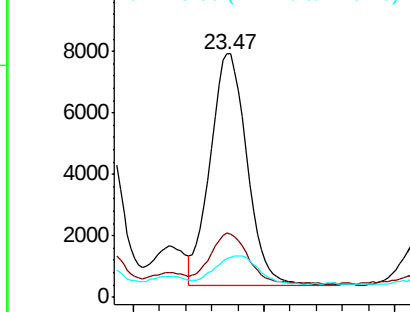
Tot Ion:	252	Resp:	14687
Ion Ratio	Lower	Upper	
252	100		
253	26.4	24.4	36.6
125	16.2	11.1	16.7

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.197 ng/ul

RT: 25.84 min Scan# 6241

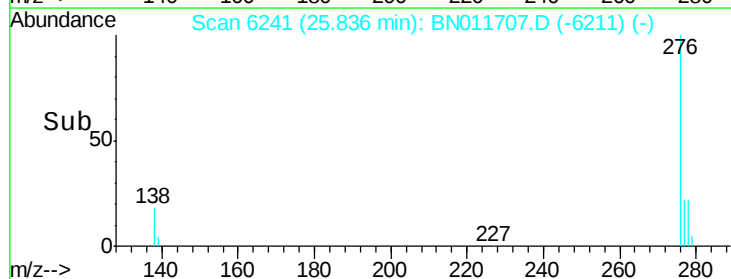
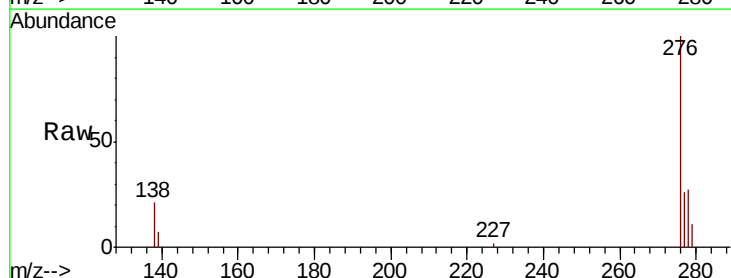
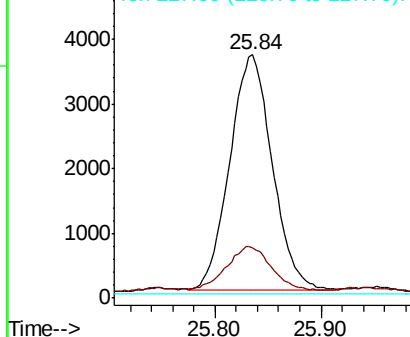
Delta R.T. 0.00 min

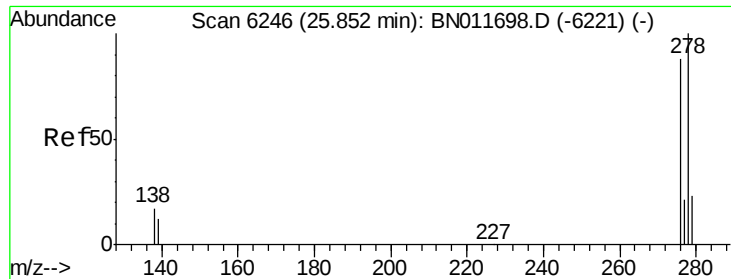
Lab File: BN011707.D

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Tgt Ion:	276	Resp:	10085
Ion Ratio	Lower	Upper	
276	100		
138	18.8	15.8	23.6
227	0.1	0.2	0.2#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





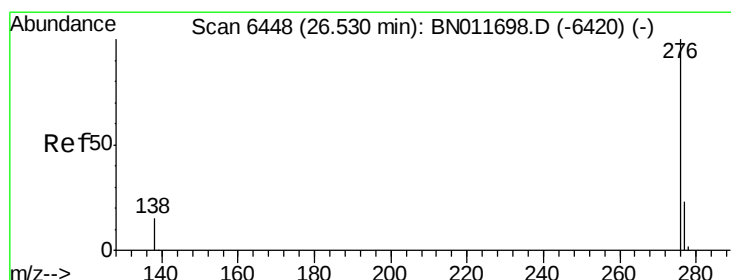
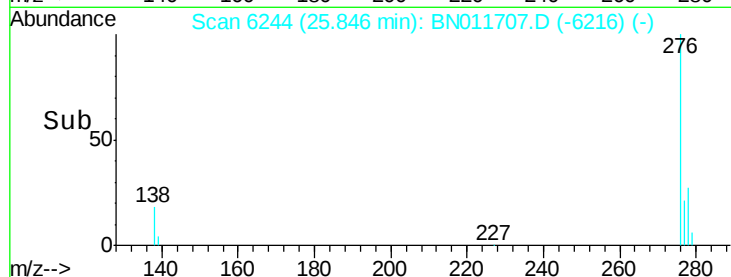
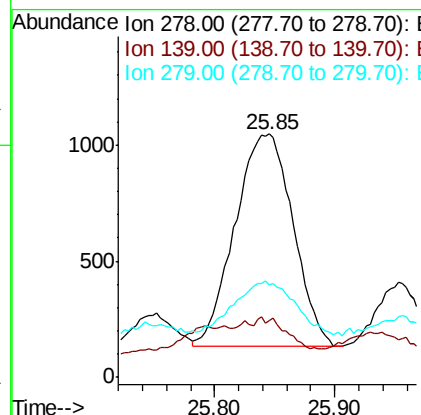
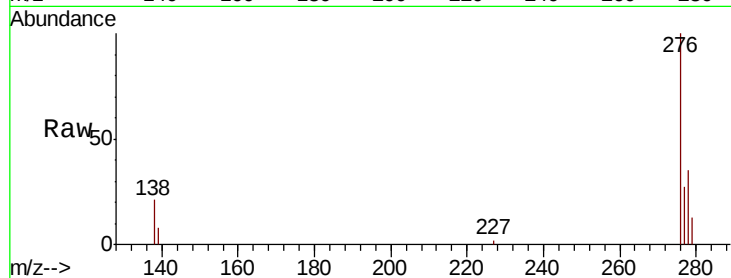
#25
Dibenzo(a,h)anthracene
Concen: 0.073 ng/u1
RT: 25.85 min Scan# 6244
Delta R.T. -0.01 min
Lab File: BN011707.D
Acq: 04 Sep 2020 18:08

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.1	12.1	18.1#
279	38.3	22.9	34.3#

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#26
Benzo(g,h,i)perylene
Concen: 0.178 ng/u1
RT: 26.53 min Scan# 6447
Delta R.T. -0.00 min
Lab File: BN011707.D
Acq: 04 Sep 2020 18:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.8	23.6
277	26.9	20.6	31.0

