

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012679.D
 Acq On : 21 Nov 2020 10:37
 Operator : CG/JU
 Sample : L4710-16DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B45DL

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Quant Time: Nov 23 01:19:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 00:58:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1088	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4437	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2449	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4906	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4273	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4189	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.82	152	197	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	443	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.82	152	677	0.057	ng/ul#	83
9) Fluorene	15.16	166	235	0.021	ng/ul#	86
12) Phenanthrene	16.89	178	9727	0.570	ng/ul	97
13) Anthracene	16.98	178	1861	0.125	ng/ul	98
15) Fluoranthene	18.92	202	42475	2.155	ng/ul	98
17) Pyrene	19.29	202	36382	1.903	ng/ul	100
18) Benzo(a)anthracene	21.05	228	18779	1.226	ng/ul	99
19) Chrysene	21.10	228	23978	1.254	ng/ul	99
21) Benzo(b)fluoranthene	22.55	252	35404m	1.837	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	11620m	0.523	ng/ul	
23) Benzo(a)pyrene	23.09	252	21752	1.199	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.26	276	17144	0.723	ng/ul	97
25) Dibenzo(a,h)anthracene	25.26	278	3884	0.204	ng/ul#	93
26) Benzo(g,h,i)perylene	25.89	276	15579	0.730	ng/ul	97

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

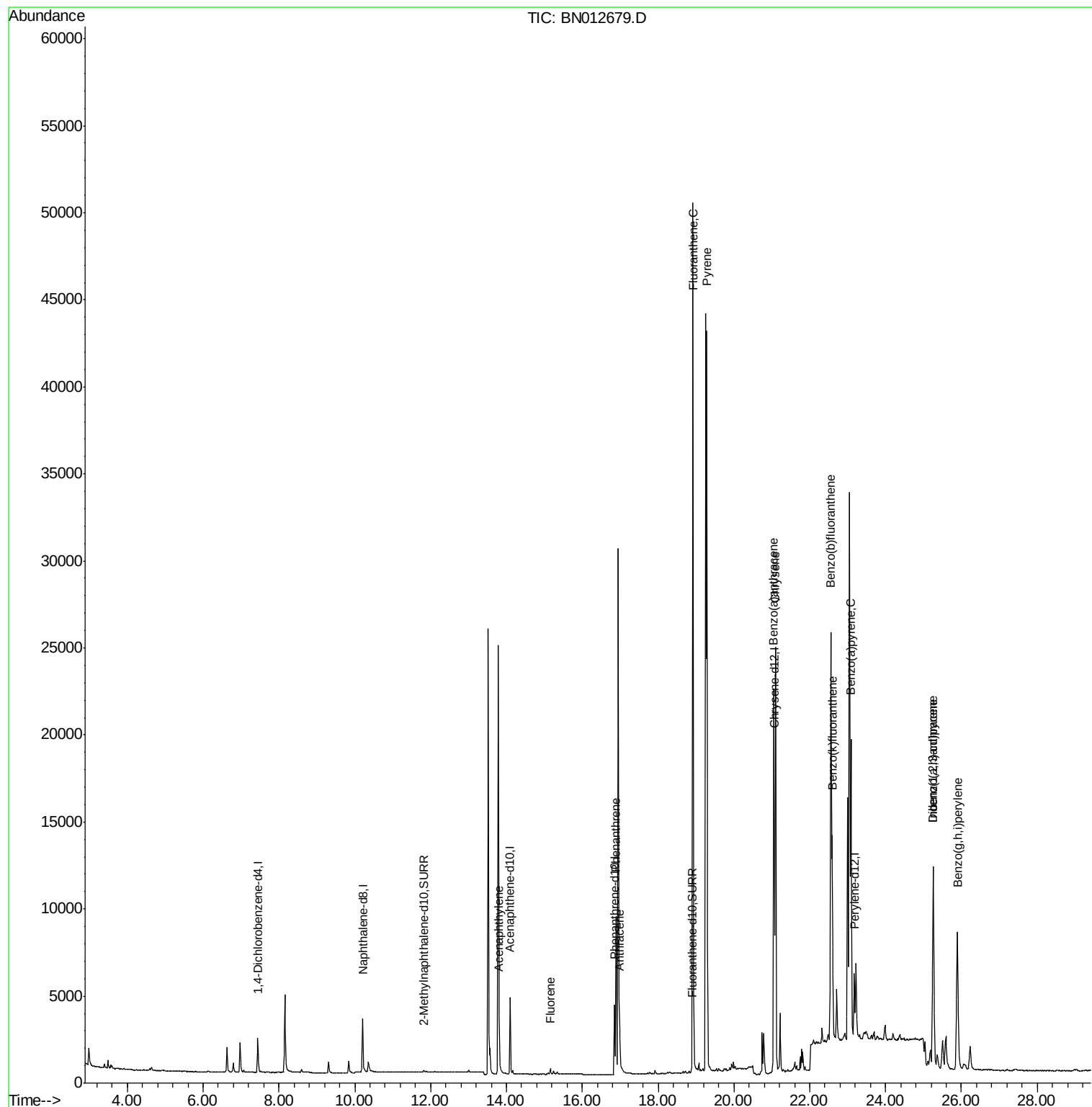
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012679.D
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Misc :
ALS Vial : 26 Sample Multiplier: 1

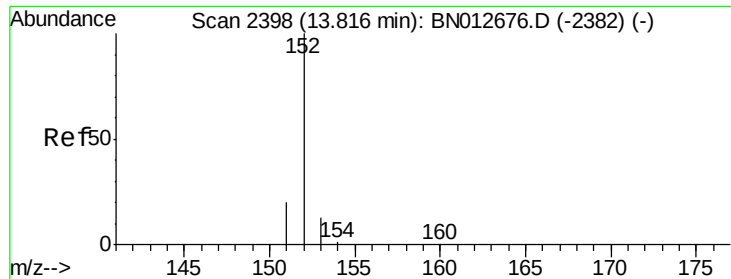
Instrument :
BNA_N
ClientSampleId :
C0B45DL

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Quant Time: Nov 23 01:19:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 00:58:43 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 13.82 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

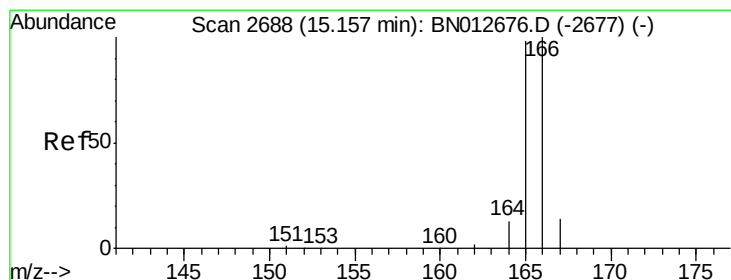
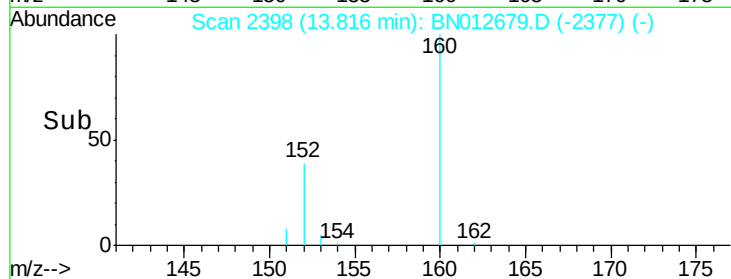
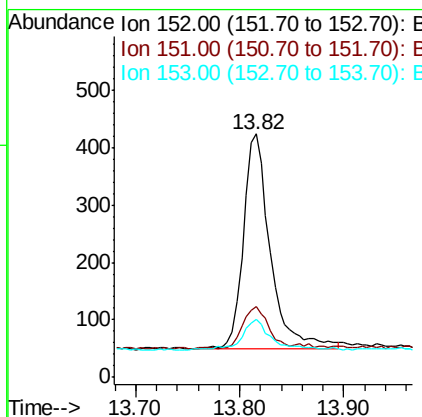
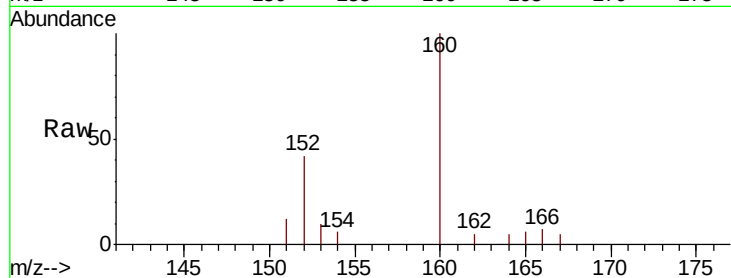
ClientSampleId :

C0B45DL

Tot Ion:	152	Resp:	677
Ion Ratio	Lower	Upper	
152	100		
151	29.2	17.1	25.7#
153	23.6	12.6	19.0#

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#9

Fluorene

Concen: 0.021 ng/ul

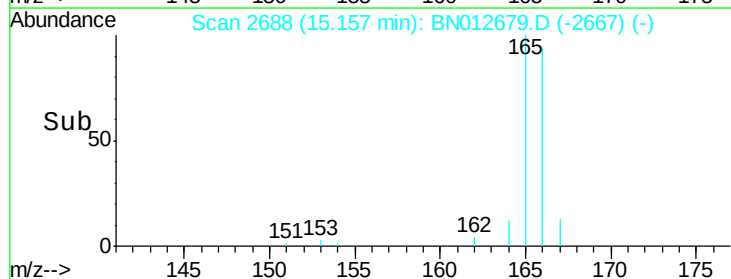
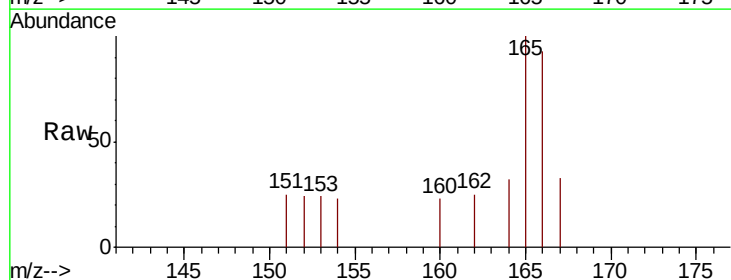
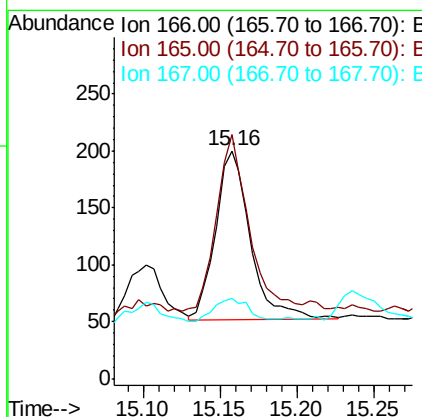
RT: 15.16 min Scan# 2688

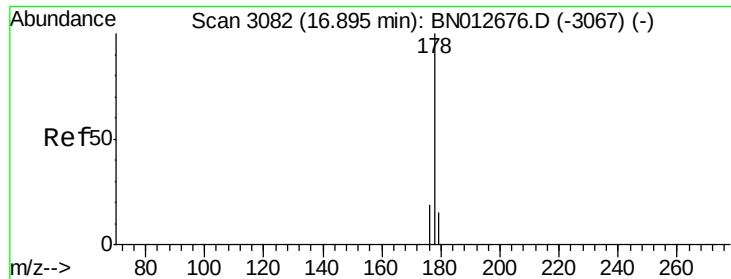
Delta R.T. -0.00 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Tgt Ion:	166	Resp:	235
Ion Ratio	Lower	Upper	
166	100		
165	107.0	78.5	117.7
167	35.5	12.7	19.1#





#12

Phenanthrene

Concen: 0.570 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

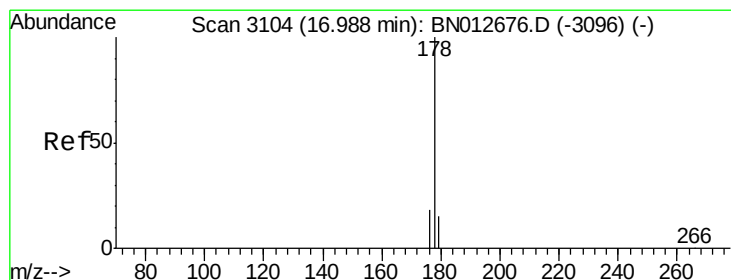
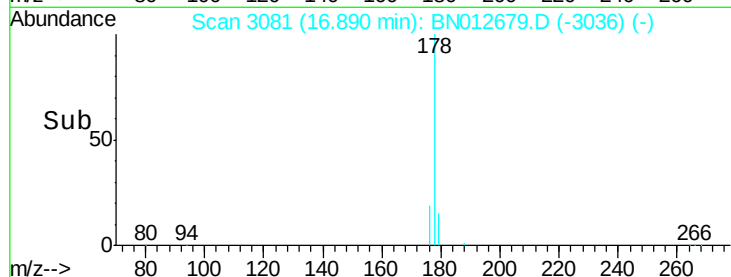
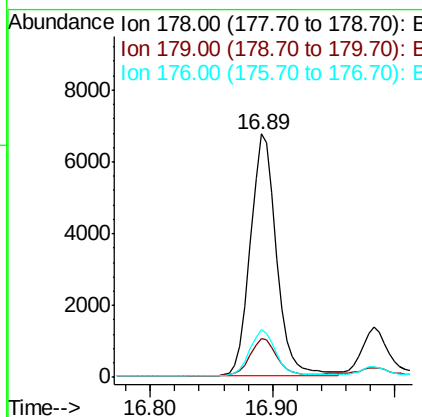
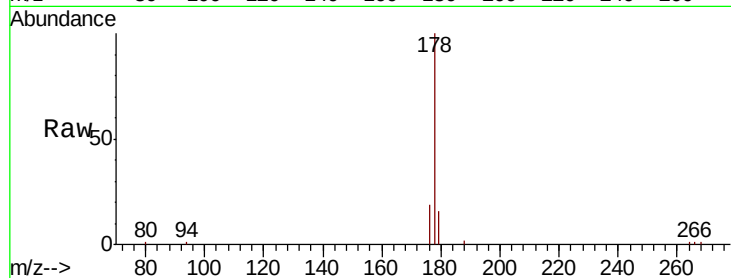
ClientSampleId :

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Tot Ion:178	Resp:	9727
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.8 20.6
176	19.5	16.7 25.1

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#13

Anthracene

Concen: 0.125 ng/ul

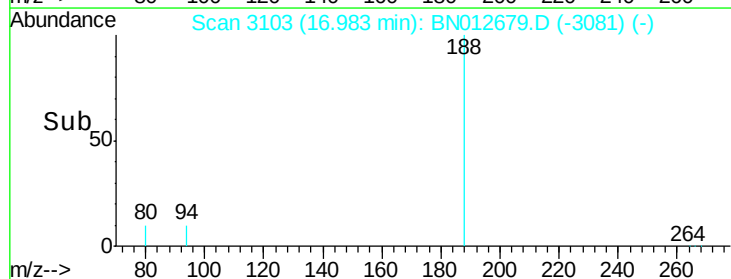
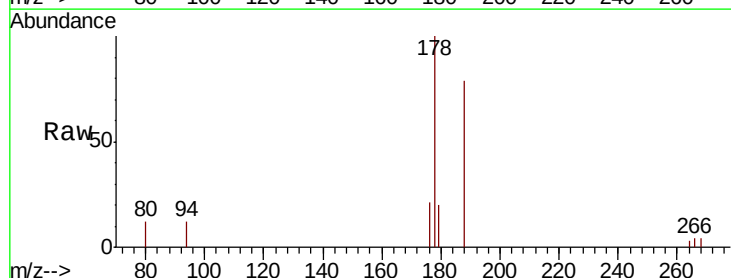
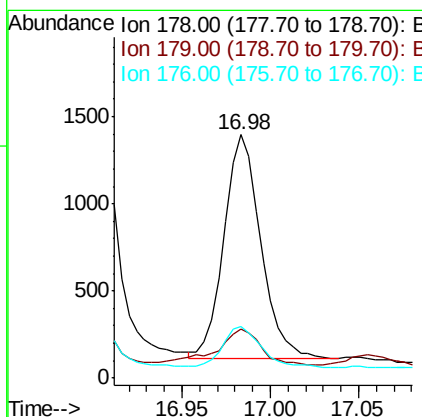
RT: 16.98 min Scan# 3103

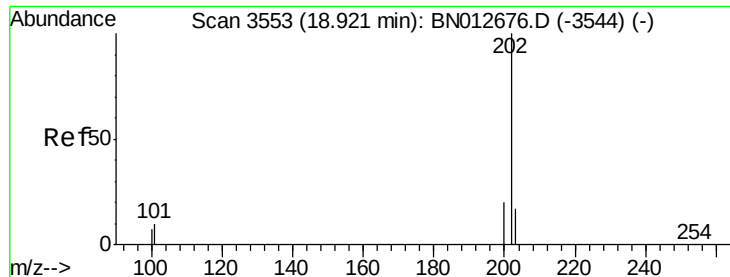
Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Tgt Ion:178	Resp:	1861
Ion Ratio	Lower	Upper
178	100	
179	19.9	14.8 22.2
176	21.0	16.3 24.5





#15

Fluoranthene

Concen: 2.155 ng/ul

RT: 18.92 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

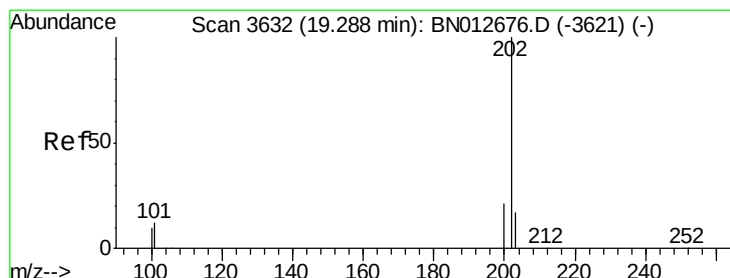
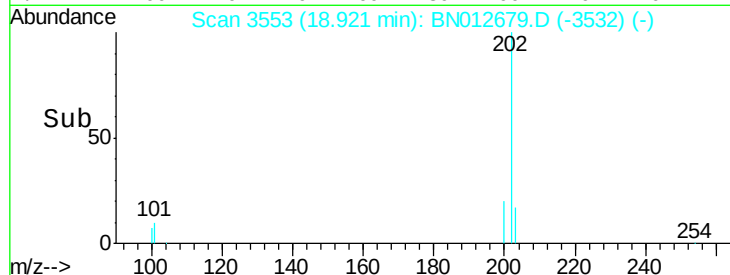
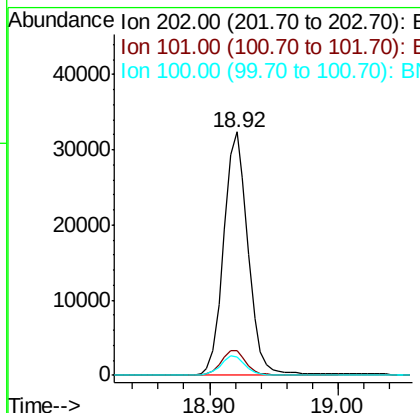
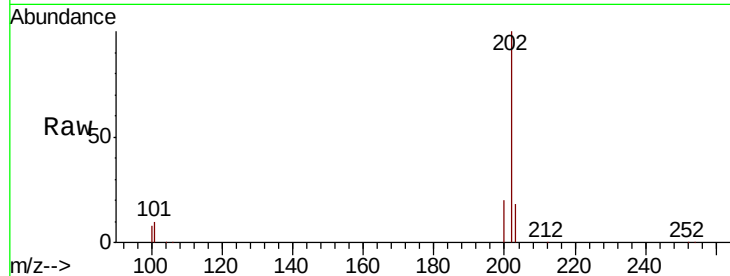
ClientSampleId :

C0B45DL

Tot Ion:	202	Resp:	42475
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.5
100	7.6	0.0	28.4

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#17

Pyrene

Concen: 1.903 ng/ul

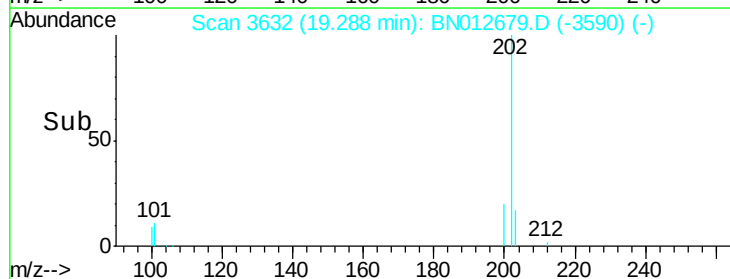
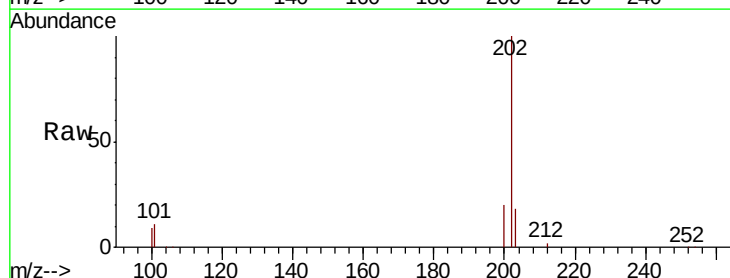
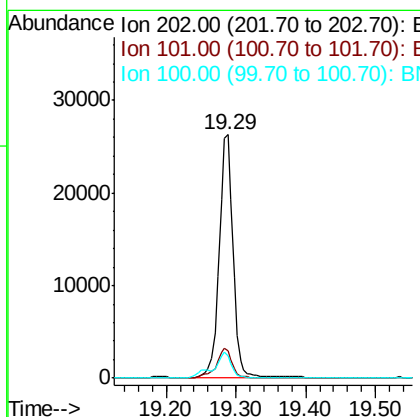
RT: 19.29 min Scan# 3632

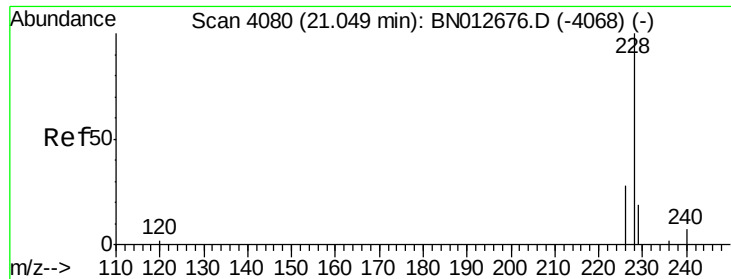
Delta R.T. -0.00 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Tgt Ion:	202	Resp:	36382
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.9	13.3
100	9.2	7.4	11.2





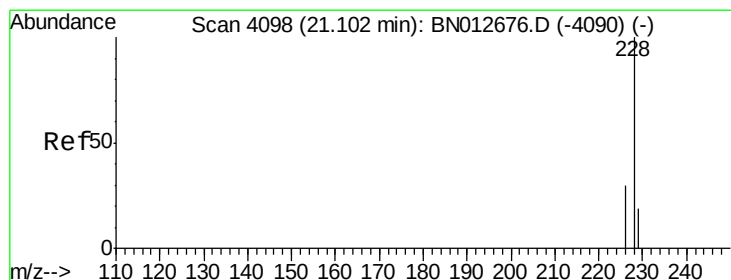
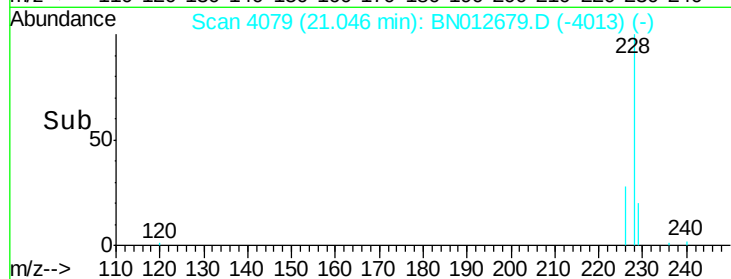
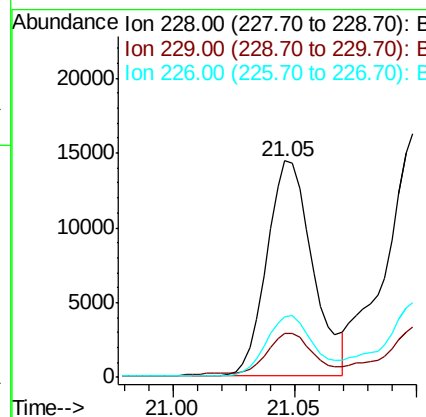
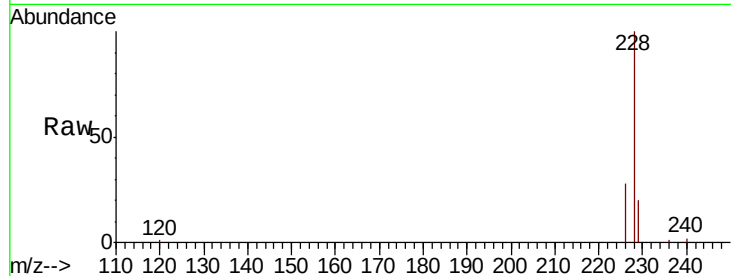
#18
Benzo(a)anthracene
Concen: 1.226 ng/ul
RT: 21.05 min Scan# 4079
Delta R.T. -0.01 min
Lab File: BN012679.D
Acq: 21 Nov 2020 10:37

Instrument :
BNA_N
ClientSampleId :
C0B45DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.9	25.3
226	28.2	23.1	34.7

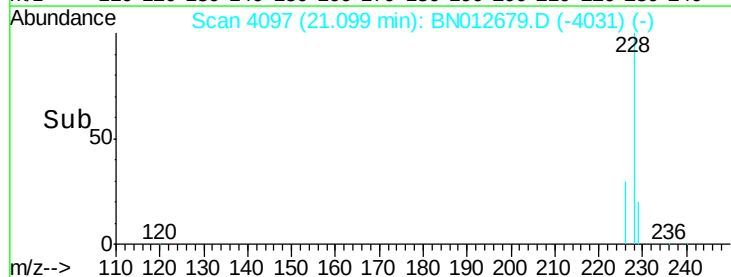
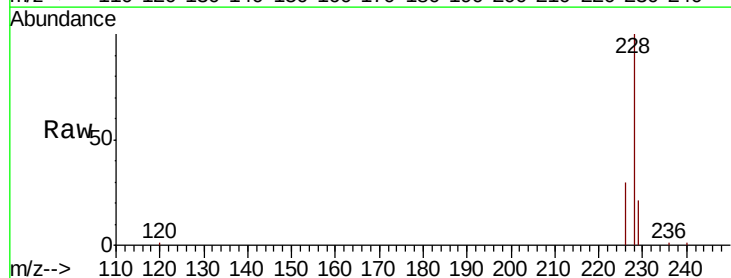
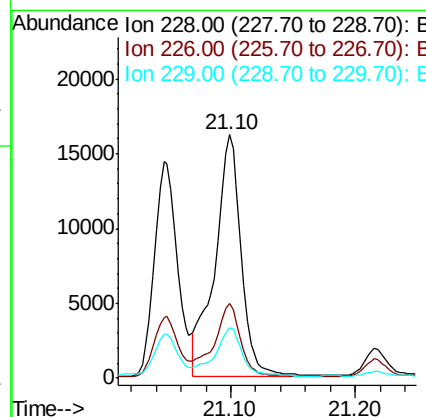
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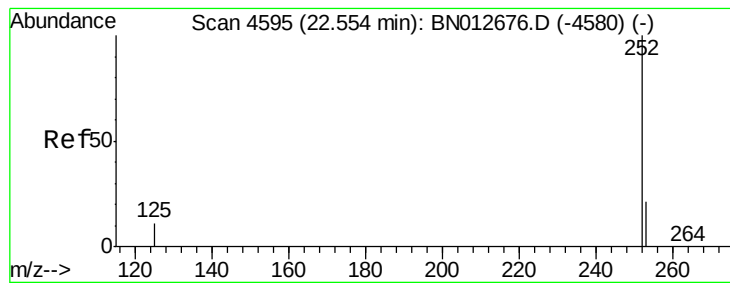
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#19
Chrysene
Concen: 1.254 ng/ul
RT: 21.10 min Scan# 4097
Delta R.T. -0.01 min
Lab File: BN012679.D
Acq: 21 Nov 2020 10:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.7	16.1	24.1





#21

Benzo(b)fluoranthene

Concen: 1.837 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

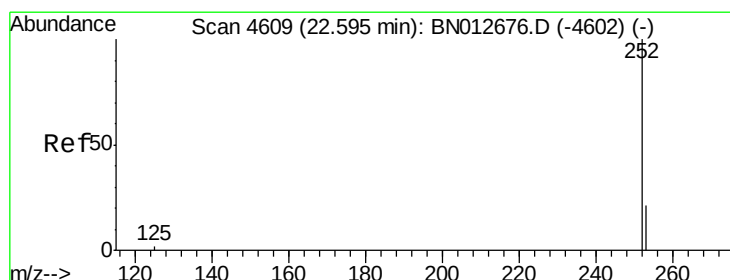
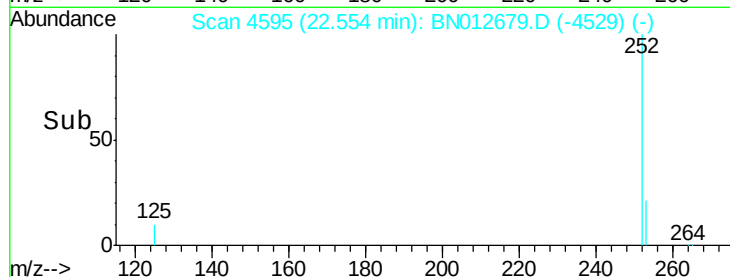
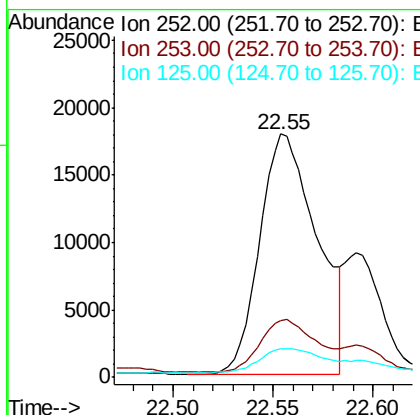
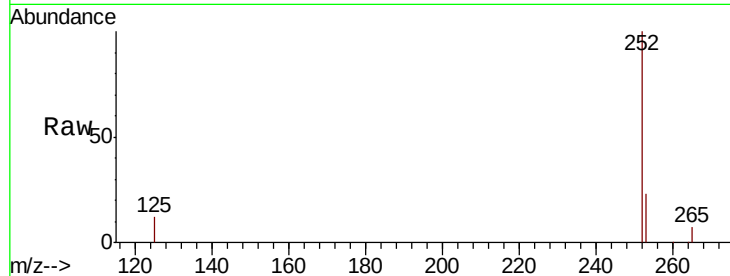
ClientSampleId :

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Tot Ion:	252	Resp:	35404
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	58.4
125	12.0	0.0	28.6

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#22

Benzo(k)fluoranthene

Concen: 0.523 ng/ul m

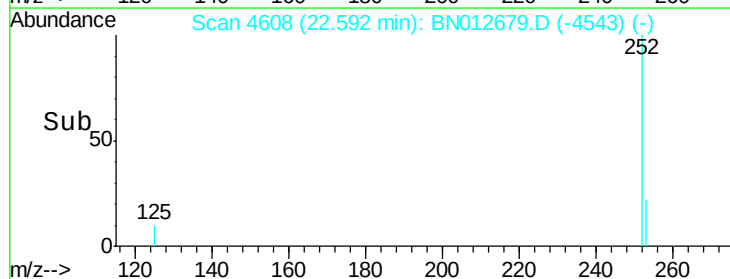
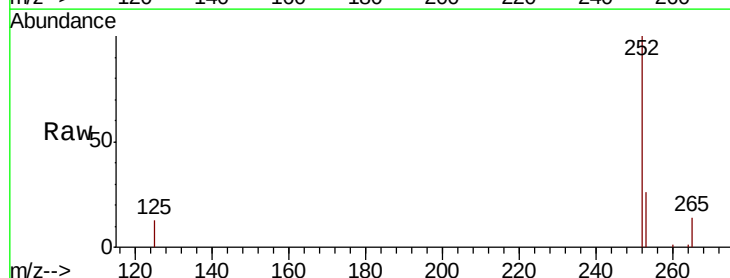
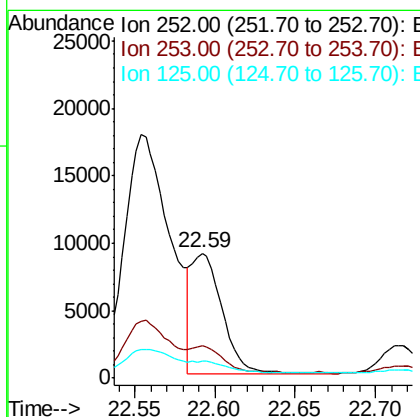
RT: 22.59 min Scan# 4608

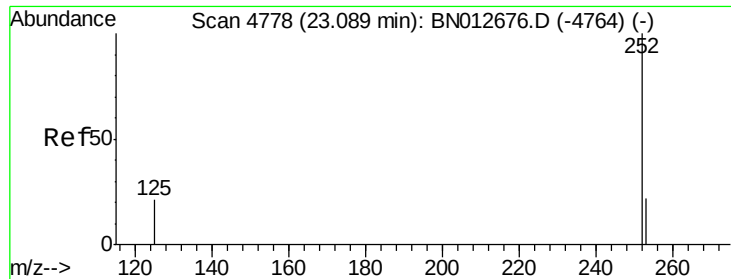
Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Tgt Ion:	252	Resp:	11620
Ion Ratio	Lower	Upper	
252	100		
253	25.8	23.4	35.2
125	13.3	10.2	15.2





#23

Benzo(a)pyrene

Concen: 1.199 ng/ul

RT: 23.09 min Scan# 4777

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

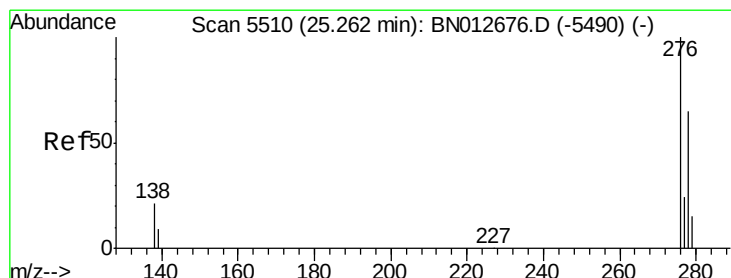
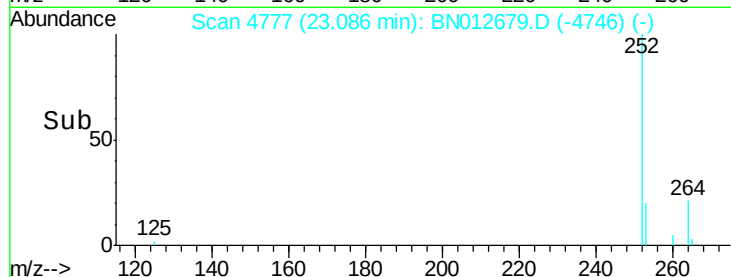
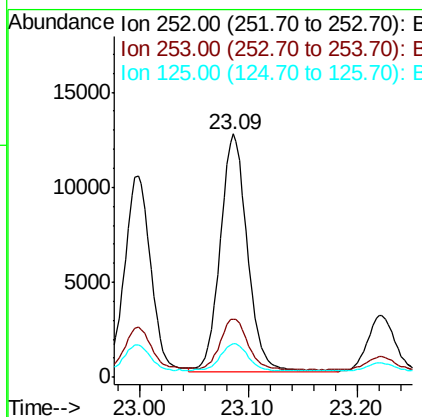
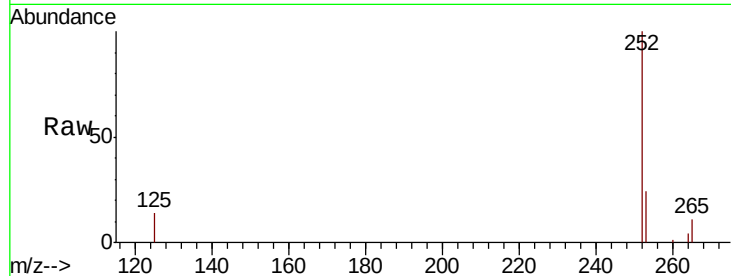
ClientSampleId :

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Tot Ion:	252	Resp:	21752
Ion Ratio	Lower	Upper	
252	100		
253	23.9	27.6	41.4#
125	13.7	17.0	25.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.723 ng/ul

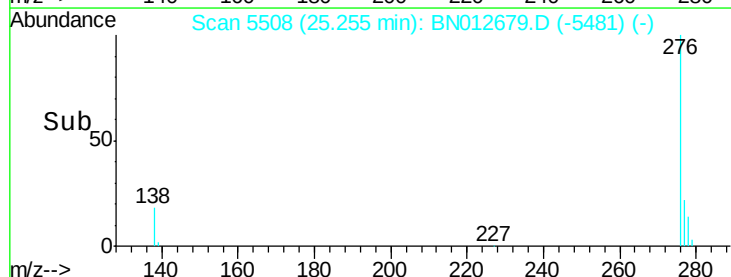
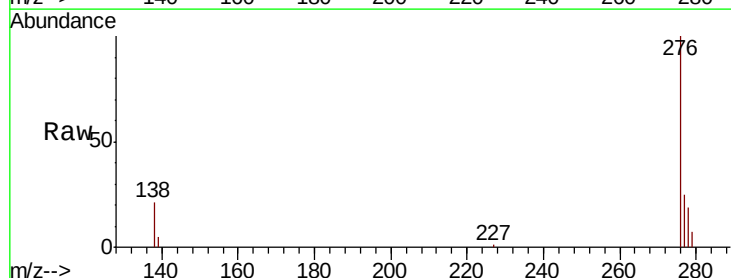
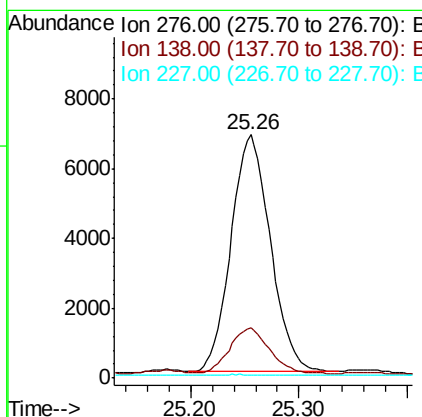
RT: 25.26 min Scan# 5508

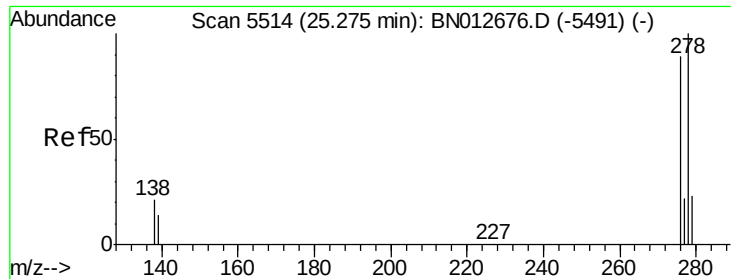
Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Tgt Ion:	276	Resp:	17144
Ion Ratio	Lower	Upper	
276	100		
138	19.3	16.5	24.7
227	0.1	0.1	0.1





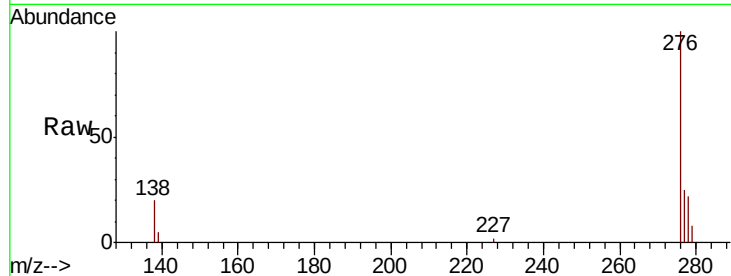
#25
Dibenzo(a,h)anthracene
Concen: 0.204 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.02 min
Lab File: BN012679.D
Acq: 21 Nov 2020 10:37

Instrument :
BNA_N
ClientSampleId :
C0B45DL

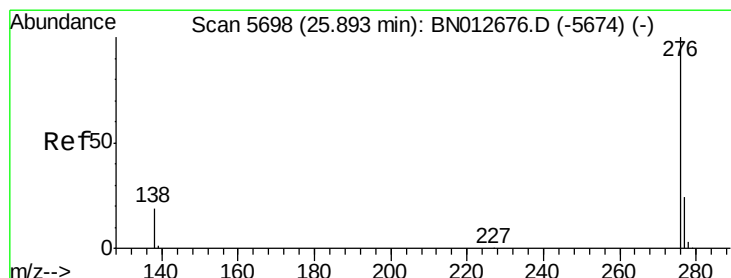
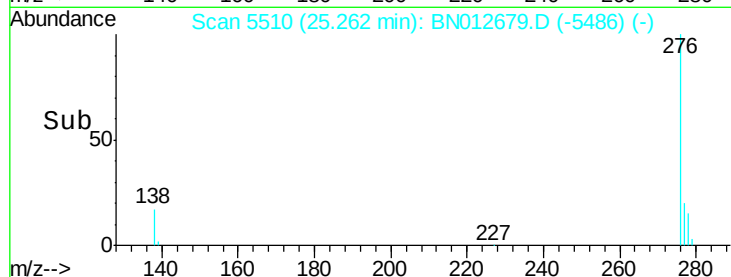
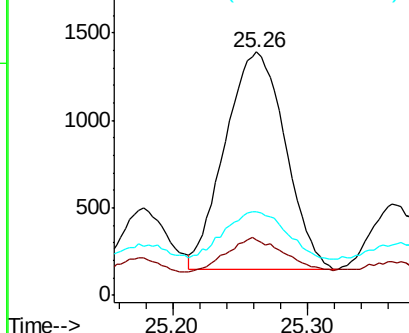
Tot Ion	Ratio	Lower	Upper
278	100		
139	22.5	13.8	20.8#
279	34.3	25.6	38.4

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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



#26
Benzo(g,h,i)perylene
Concen: 0.730 ng/ul
RT: 25.89 min Scan# 5698
Delta R.T. -0.01 min
Lab File: BN012679.D
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.3	24.5
277	25.4	21.8	32.8

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

