

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013037.D
 Acq On : 10 Dec 2020 09:03
 Operator : CG/JU
 Sample : L4941-05DL 2X
 Misc :
 ALS Vial : 107 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY4DL

Manual Integrations
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Quant Time: Dec 10 10:31:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 10 10:29:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1293	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.13	136	5152	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.04	164	2846	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	5708	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4043	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3742	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	521	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	1154	0.07	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.75	152	415	0.031	ng/ul#	77
9) Fluorene	15.10	166	271	0.021	ng/ul#	87
12) Phenanthrene	16.84	178	7798	0.407	ng/ul	99
13) Anthracene	16.93	178	969	0.059	ng/ul#	86
15) Fluoranthene	18.87	202	20991	0.923	ng/ul	100
17) Pyrene	19.24	202	18088	0.947	ng/ul	99
18) Benzo(a)anthracene	21.01	228	7428	0.444	ng/ul	99
19) Chrysene	21.07	228	10255	0.555	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	13058m	0.754	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	4795m	0.251	ng/ul	
23) Benzo(a)pyrene	23.04	252	8239	0.513	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.18	276	5664	0.268	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.19	278	1320	0.079	ng/ul#	67
26) Benzo(g,h,i)perylene	25.81	276	4880	0.256	ng/ul	97

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

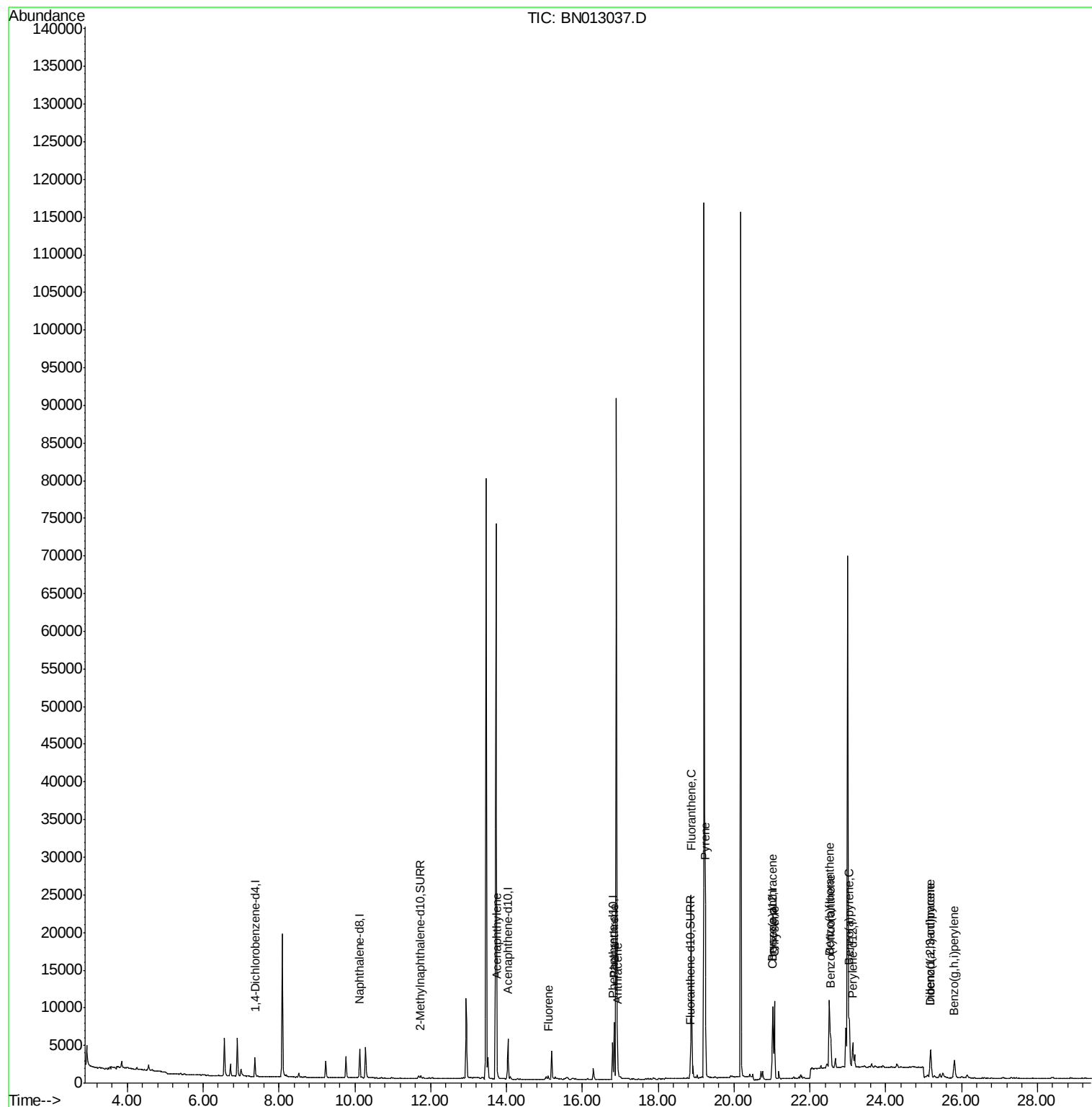
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013037.D
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Misc :
ALS Vial : 107 Sample Multiplier: 1

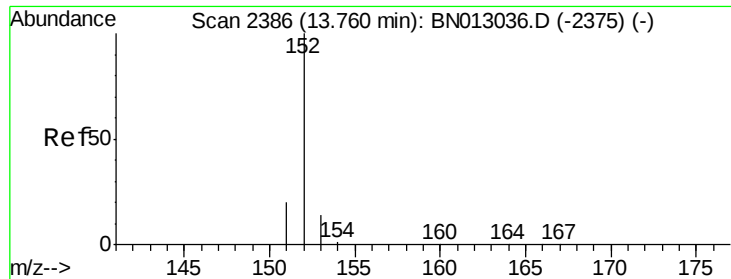
Instrument :
BNA_N
ClientSampleId :
C0AY4DL

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Quant Time: Dec 10 10:31:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 10 10:29:27 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.75 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN013037.D

Acq: 10 Dec 2020 09:03

Instrument :

BNA_N

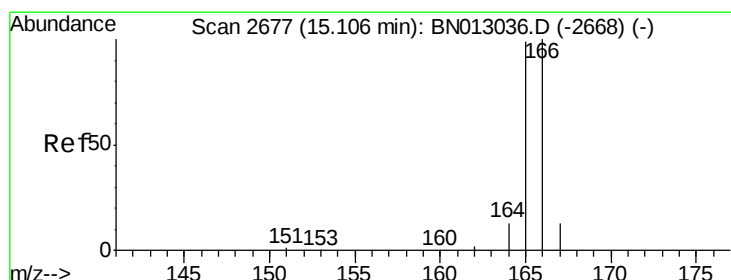
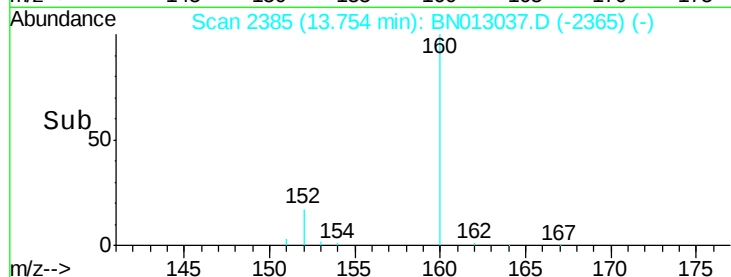
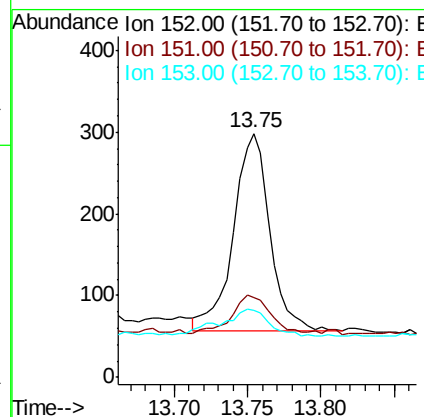
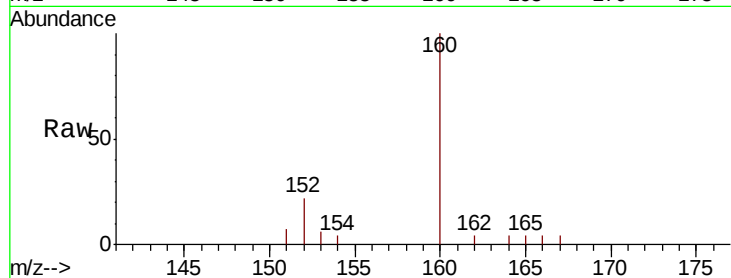
ClientSampleId :

C0AY4DL

Tot Ion:	152	Resp:	415
Ion Ratio	Lower	Upper	
152	100		
151	32.6	18.2	27.4#
153	27.5	13.1	19.7#

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#9

Fluorene

Concen: 0.021 ng/ul

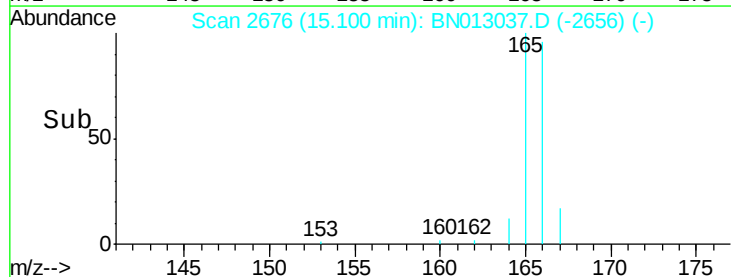
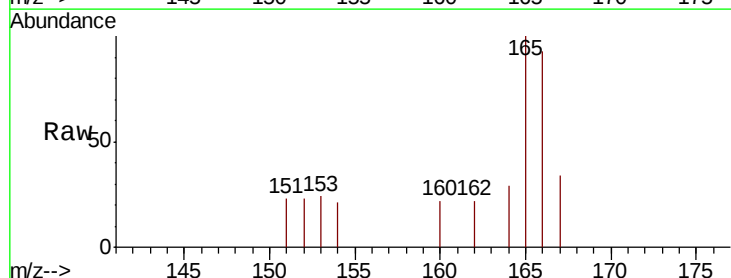
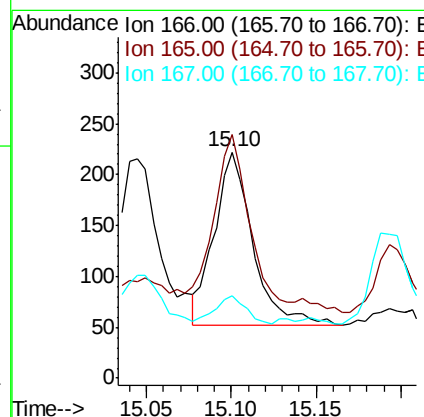
RT: 15.10 min Scan# 2676

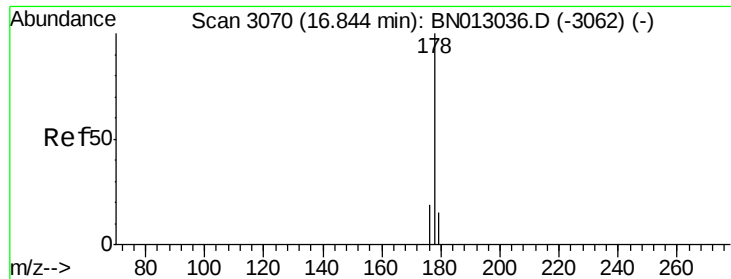
Delta R.T. -0.01 min

Lab File: BN013037.D

Acq: 10 Dec 2020 09:03

Tgt Ion:	166	Resp:	271
Ion Ratio	Lower	Upper	
166	100		
165	107.7	79.8	119.8
167	36.5	13.8	20.8#





#12

Phenanthrene

Concen: 0.407 ng/ul

RT: 16.84 min Scan# 3069

Delta R.T. -0.01 min

Lab File: BN013037.D

Acq: 10 Dec 2020 09:03

Instrument :

BNA_N

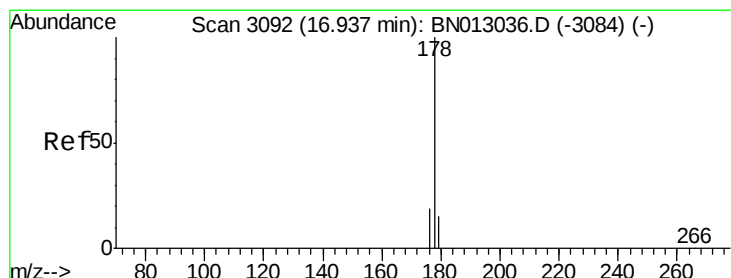
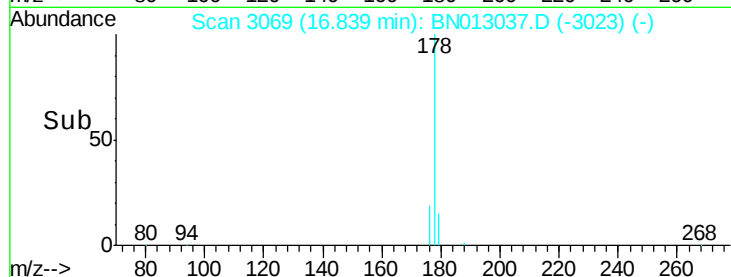
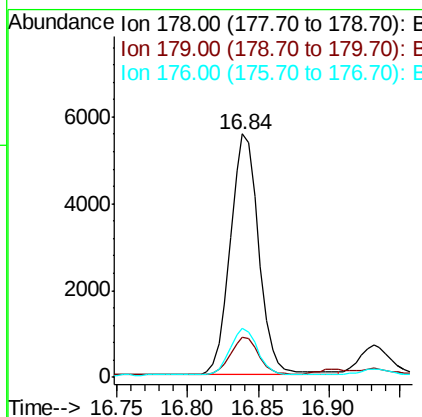
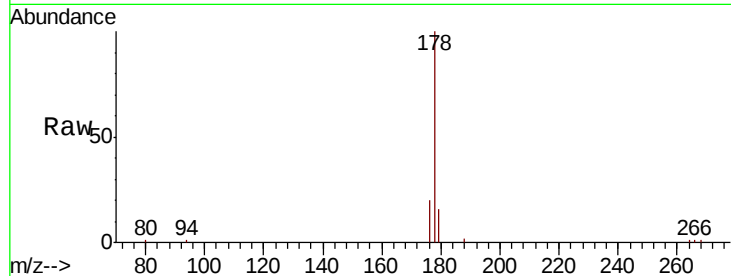
ClientSampleId :

C0AY4DL

Tot Ion:	178	Resp:	7798
Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.6	20.4
176	20.1	16.4	24.6

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#13

Anthracene

Concen: 0.059 ng/ul

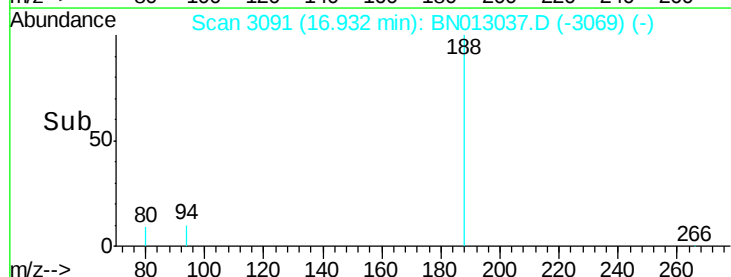
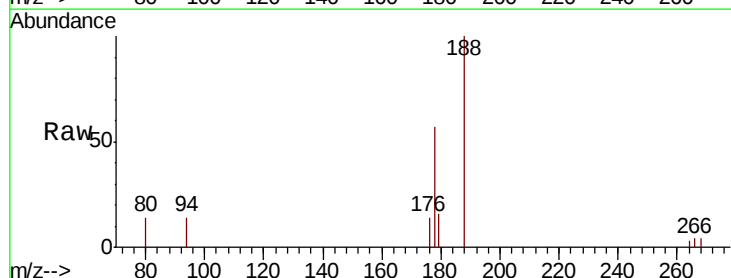
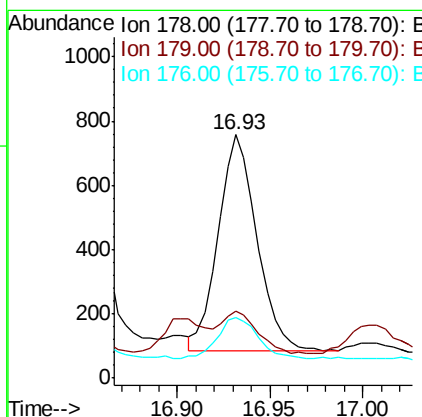
RT: 16.93 min Scan# 3091

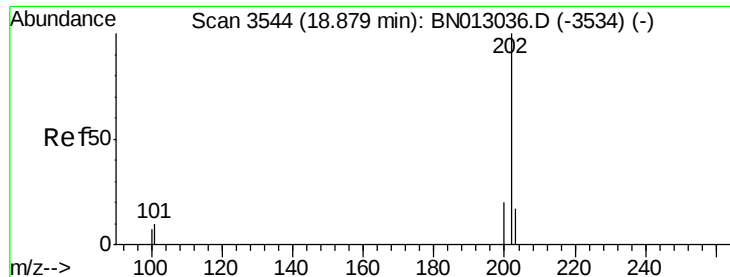
Delta R.T. -0.01 min

Lab File: BN013037.D

Acq: 10 Dec 2020 09:03

Tgt Ion:	178	Resp:	969
Ion	Ratio	Lower	Upper
178	100		
179	27.6	14.6	21.8#
176	25.1	17.1	25.7





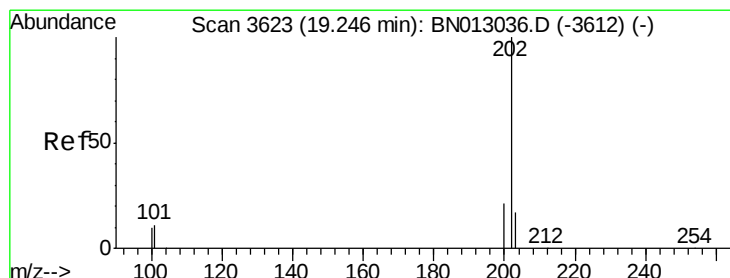
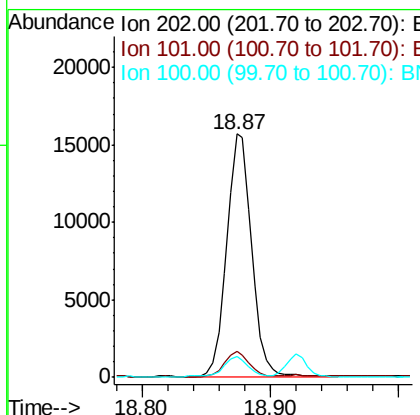
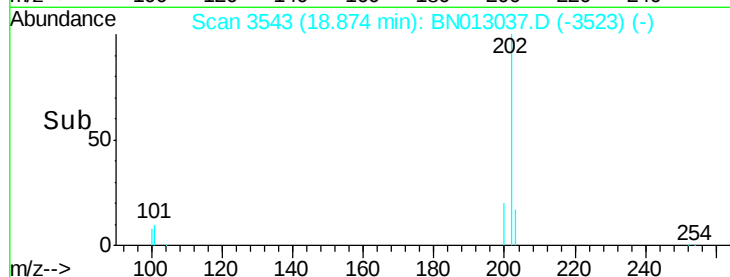
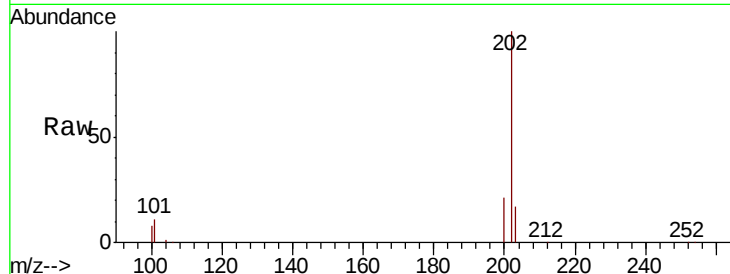
#15
Fluoranthene
Concen: 0.923 ng/ul
RT: 18.87 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BN013037.D
Acq: 10 Dec 2020 09:03

Instrument :
BNA_N
ClientSampleId :
C0AY4DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	20991		
101	10.5	0.0	30.6	
100	8.4	0.0	28.7	

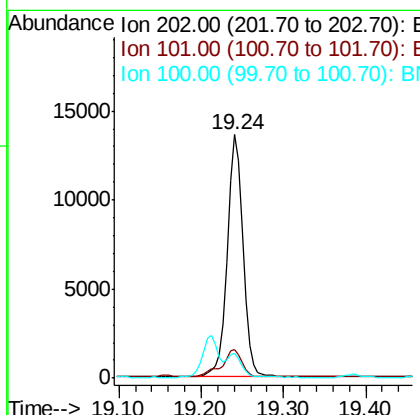
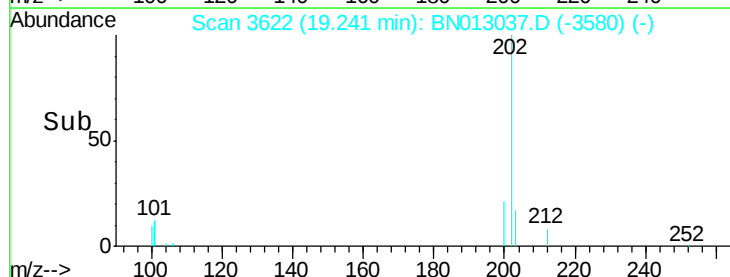
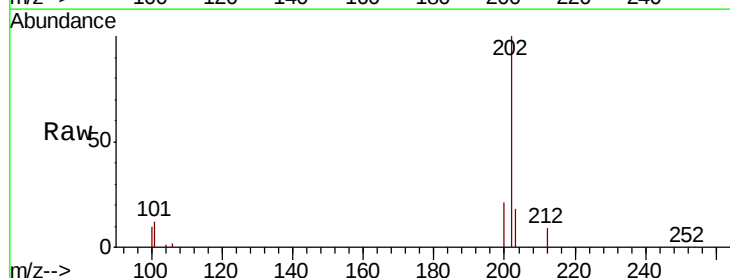
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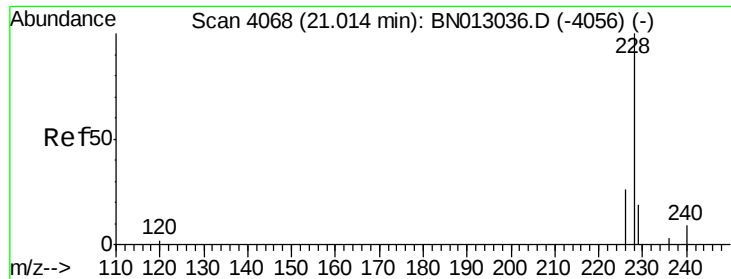
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#17
Pyrene
Concen: 0.947 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.01 min
Lab File: BN013037.D
Acq: 10 Dec 2020 09:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	18088		
101	12.0	9.1	13.7	
100	9.9	7.5	11.3	





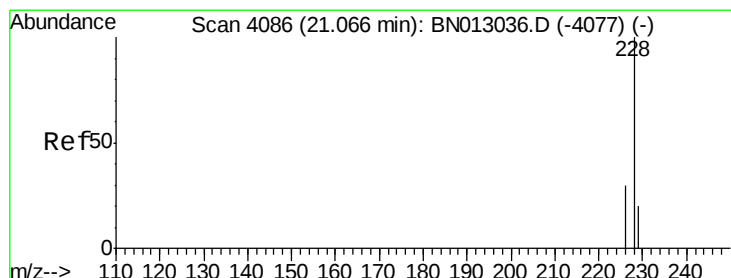
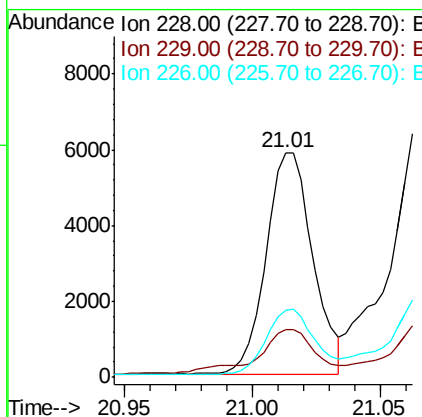
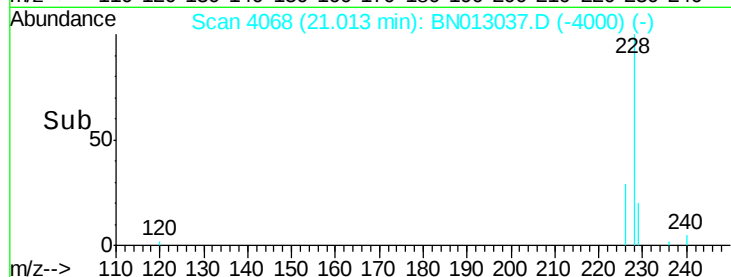
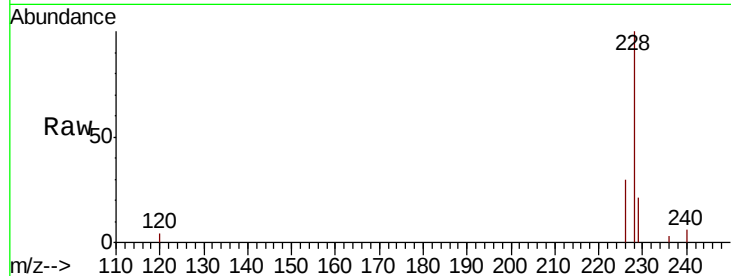
#18
Benzo(a)anthracene
Concen: 0.444 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.00 min
Lab File: BN013037.D
Acq: 10 Dec 2020 09:03

Instrument :
BNA_N
ClientSampleId :
C0AY4DL

Tot Ion:	228	Resp:	7428
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.3	24.5
226	29.9	23.4	35.2

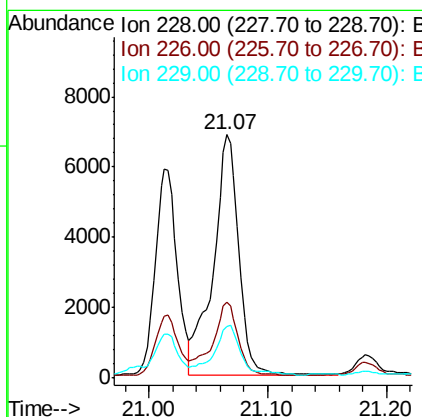
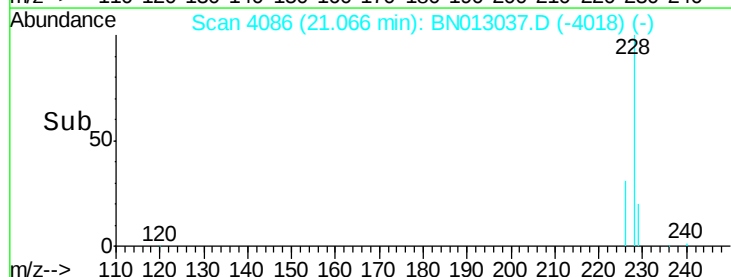
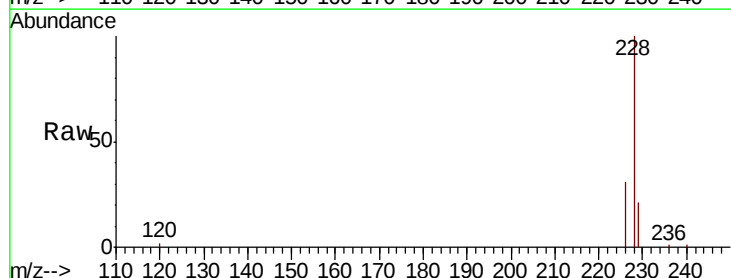
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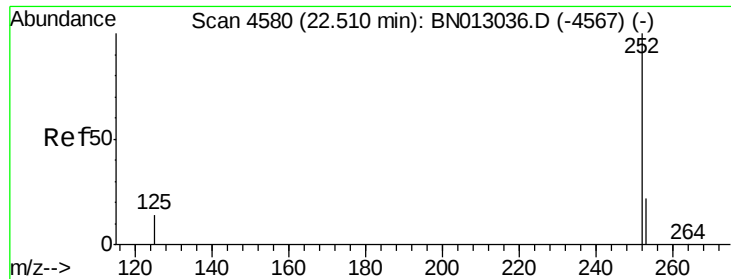
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#19
Chrysene
Concen: 0.555 ng/ul
RT: 21.07 min Scan# 4086
Delta R.T. -0.00 min
Lab File: BN013037.D
Acq: 10 Dec 2020 09:03

Tgt Ion:	228	Resp:	10255
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	21.3	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 0.754 ng/ul m

RT: 22.51 min Scan# 4582

Delta R.T. 0.00 min

Lab File: BN013037.D

Acq: 10 Dec 2020 09:03

Instrument :

BNA_N

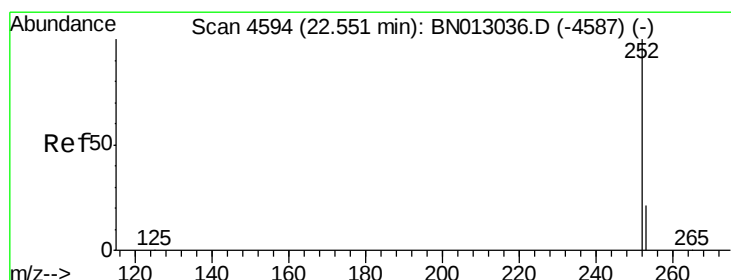
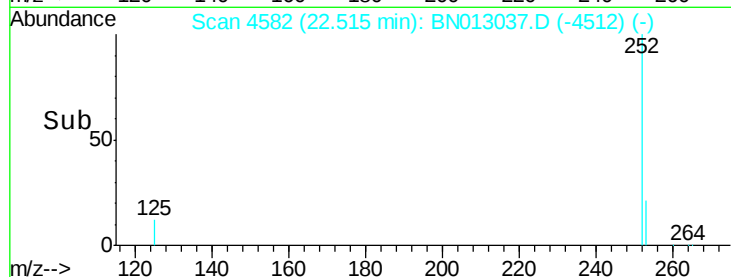
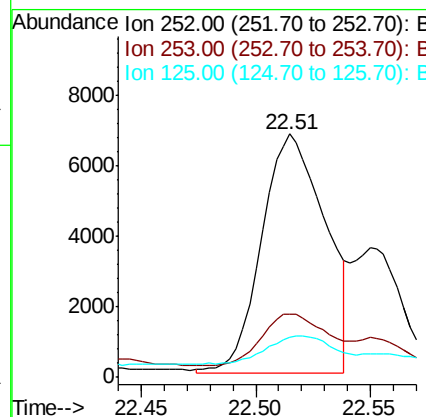
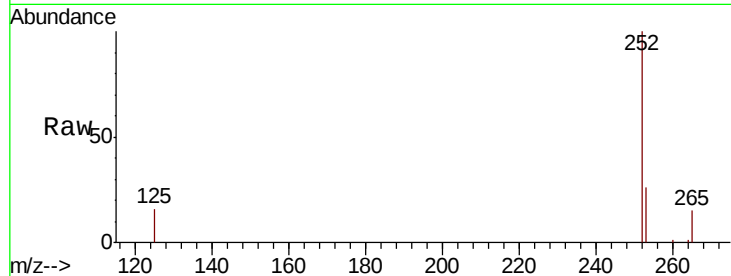
ClientSampleId :

C0AY4DL

Tot Ion:	252	Resp:	13058
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	59.6
125	16.3	0.0	26.0

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#22

Benzo(k)fluoranthene

Concen: 0.251 ng/ul m

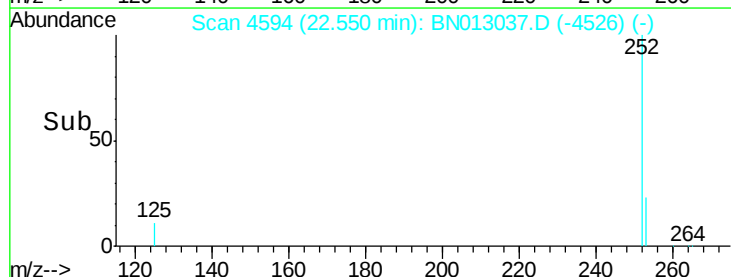
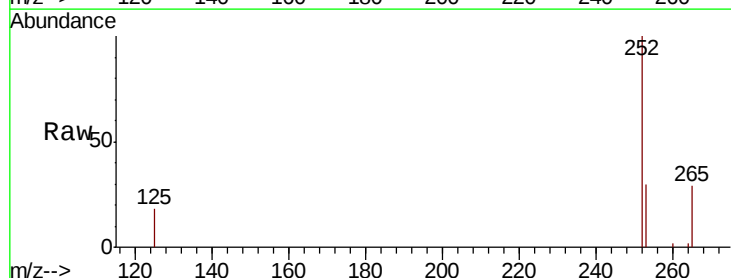
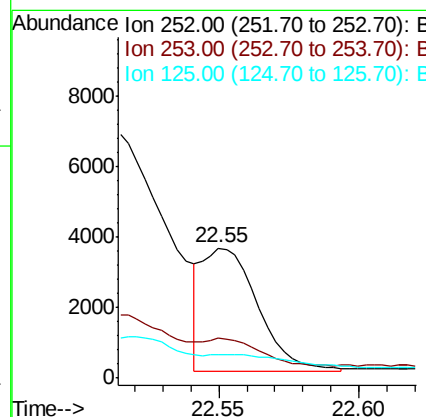
RT: 22.55 min Scan# 4594

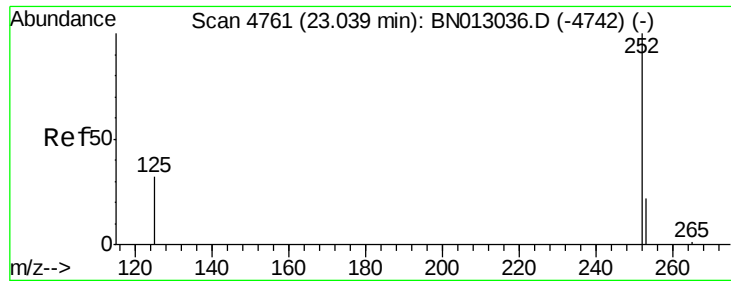
Delta R.T. -0.00 min

Lab File: BN013037.D

Acq: 10 Dec 2020 09:03

Tgt Ion:	252	Resp:	4795
Ion Ratio	Lower	Upper	
252	100		
253	30.4	23.4	35.2
125	18.4	11.1	16.7#





#23

Benzo(a)pyrene

Concen: 0.513 ng/ul

RT: 23.04 min Scan# 4762

Delta R.T. 0.00 min

Lab File: BN013037.D

Acq: 10 Dec 2020 09:03

Instrument :

BNA_N

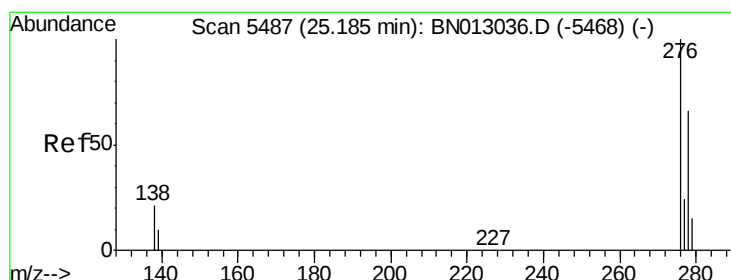
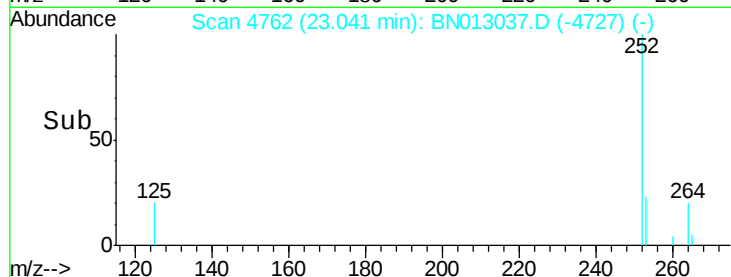
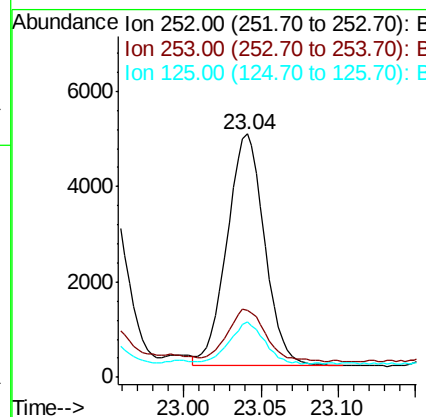
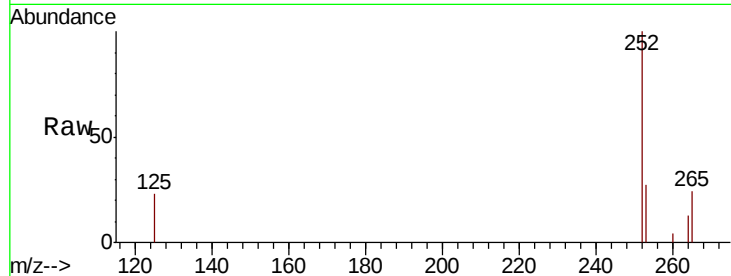
ClientSampleId :

C0AY4DL

Tot Ion:	252	Resp:	8239
Ion Ratio	Lower	Upper	
252	100		
253	27.5	26.5	39.7
125	22.6	14.2	21.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.268 ng/ul

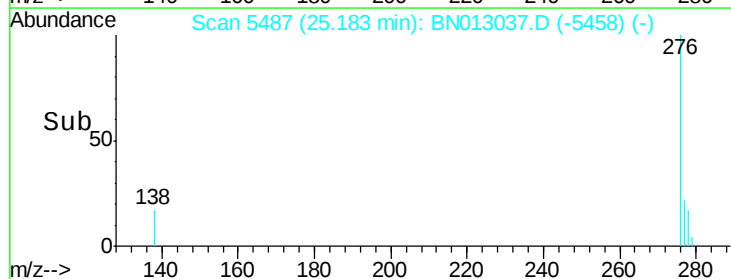
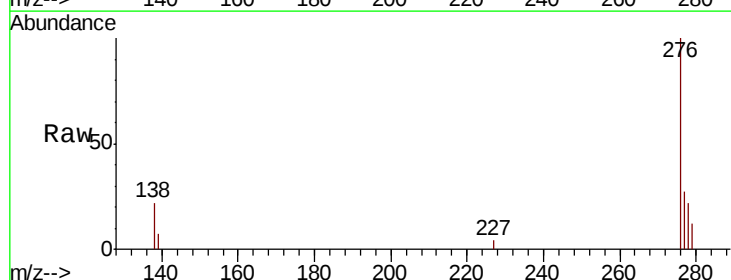
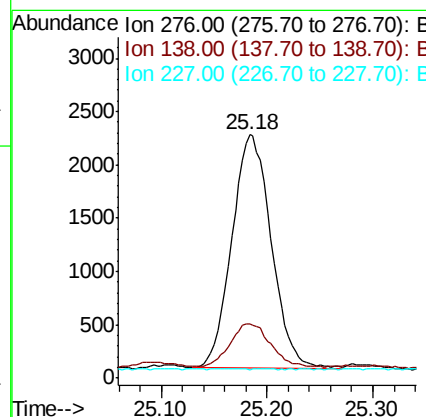
RT: 25.18 min Scan# 5487

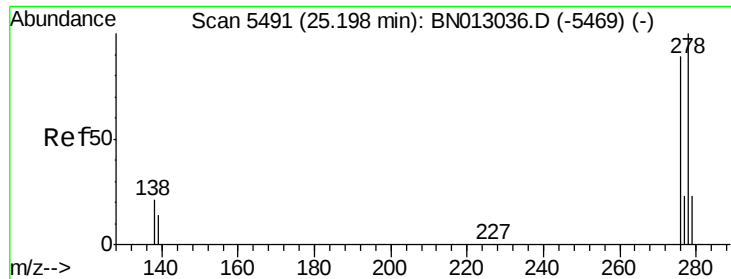
Delta R.T. -0.00 min

Lab File: BN013037.D

Acq: 10 Dec 2020 09:03

Tgt Ion:	276	Resp:	5664
Ion Ratio	Lower	Upper	
276	100		
138	18.6	16.2	24.2
227	0.1	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.079 ng/u1

RT: 25.19 min Scan# 5489

Delta R.T. -0.01 min

Lab File: BN013037.D

Acq: 10 Dec 2020 09:03

Instrument :

BNA_N

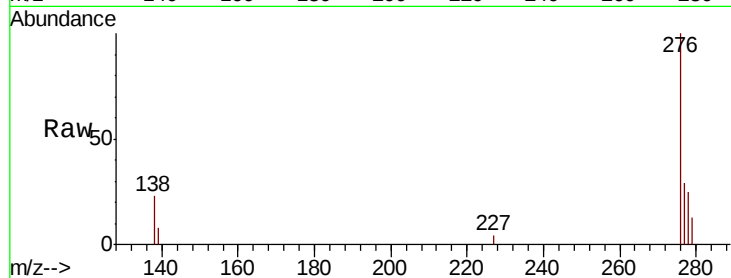
ClientSampleId :

C0AY4DL

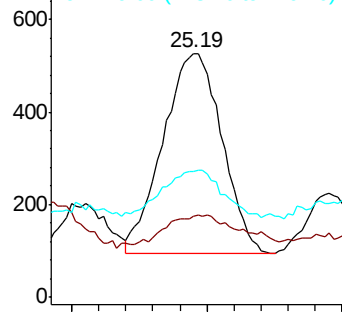
Tot Ion:278	Resp:	1320
Ion Ratio	Lower	Upper
278	100	
139	33.1	14.5 21.7#
279	51.7	26.3 39.5#

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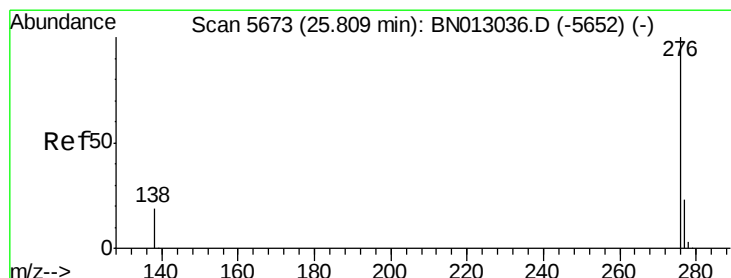
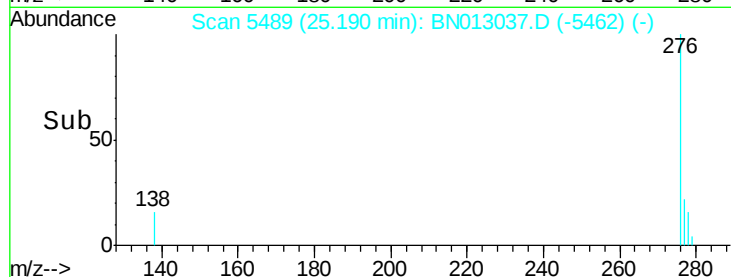
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.256 ng/u1

RT: 25.81 min Scan# 5674

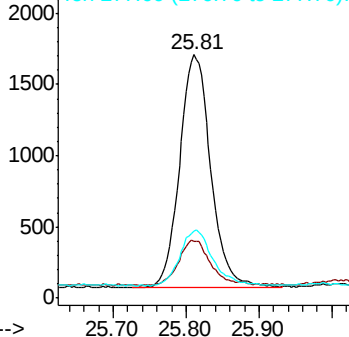
Delta R.T. 0.00 min

Lab File: BN013037.D

Acq: 10 Dec 2020 09:03

Tgt Ion:276	Resp:	4880
Ion Ratio	Lower	Upper
276	100	
138	23.2	16.3 24.5
277	27.4	21.8 32.6

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-->

