

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013046.D
 Acq On : 10 Dec 2020 14:29
 Operator : CG/JU
 Sample : L4941-02DL 5X
 Misc :
 ALS Vial : 116 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX3DL

Manual Integrations
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Quant Time: Dec 10 15:17:49 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	7.38	152	891	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	3612	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	1987	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4227	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3648	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3603	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	150	0.03	ng/ul	0.01
14) Fluoranthene-d10	18.84	212	374	0.03	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	11.84	142	138	0.020	ng/ul	100
7) Acenaphthylene	13.76	152	521	0.055	ng/ul#	79
8) Acenaphthene	14.11	153	2089	0.271	ng/ul	99
9) Fluorene	15.11	166	2706	0.306	ng/ul	98
12) Phenanthrene	16.84	178	74997	5.292	ng/ul	96
13) Anthracene	16.93	178	12393	1.027	ng/ul	95
15) Fluoranthene	18.87	202	180856	10.739	ng/ul	96
17) Pyrene	19.24	202	144454	8.383	ng/ul	99
18) Benzo(a)anthracene	21.01	228	68697	4.552	ng/ul	98
19) Chrysene	21.06	228	80656	4.837	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	98123m	5.887	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	36193m	1.964	ng/ul	
23) Benzo(a)pyrene	23.04	252	63951m	4.135	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.17	276	41352	2.035	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.18	278	10229	0.637	ng/ul	95
26) Benzo(a,h,i)perylene	25.80	276	34637	1.885	ng/ul	96

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

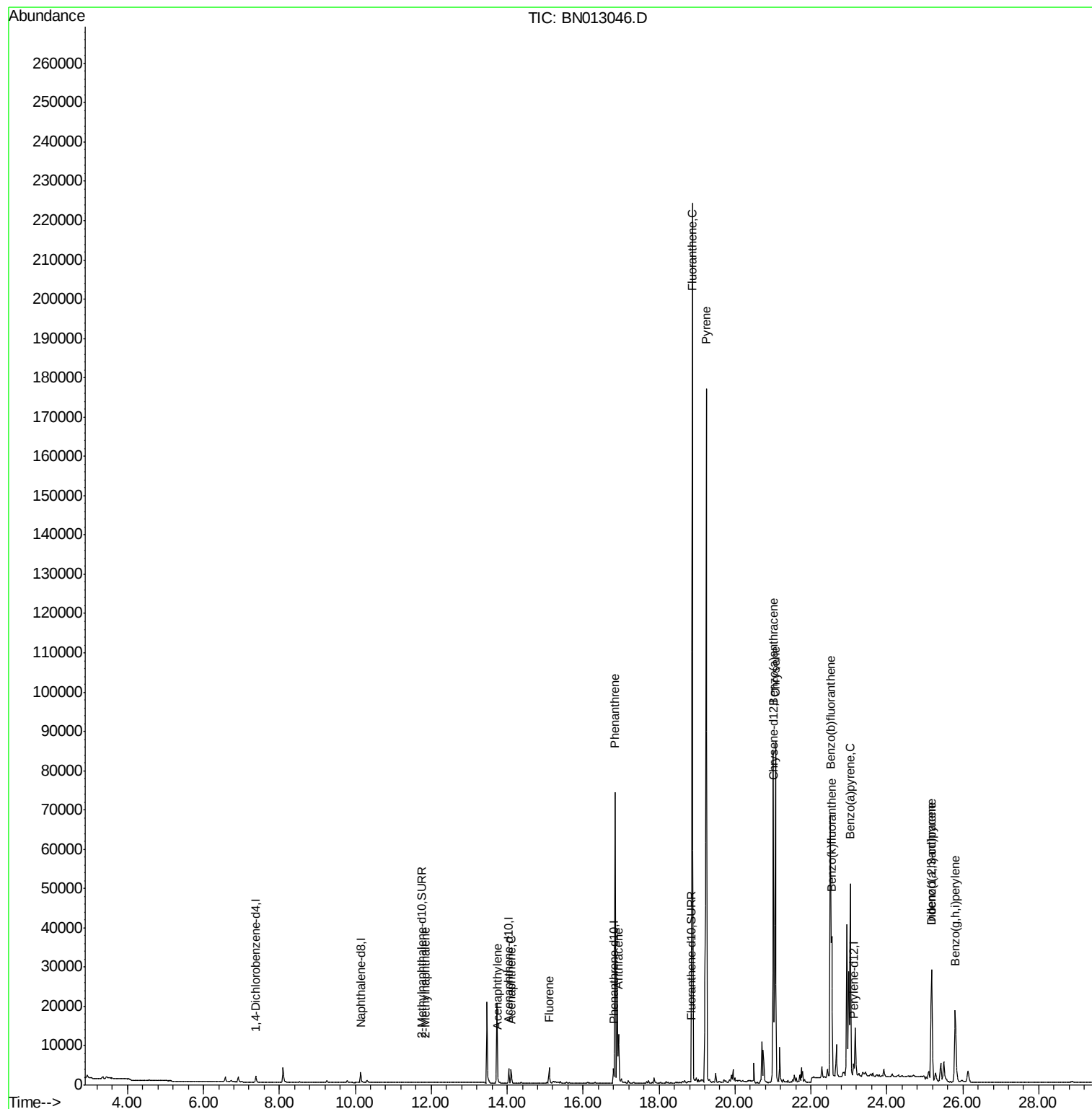
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013046.D
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Misc :
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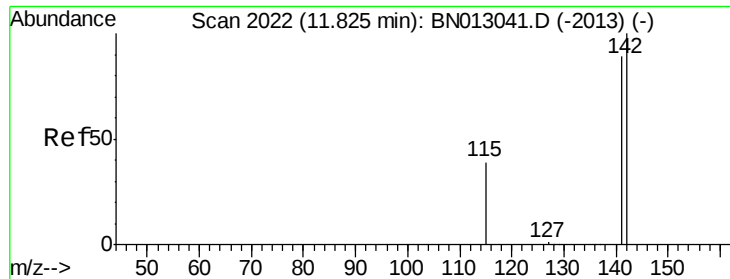
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 10 10:29:27 2020
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 11.84 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BN013046.D

Acq: 10 Dec 2020 14:29

Instrument :

BNA_N

ClientSampled :

C0AX3DL

Tot Ion:142 Resp: 138

Ion Ratio Lower Upper

142 100

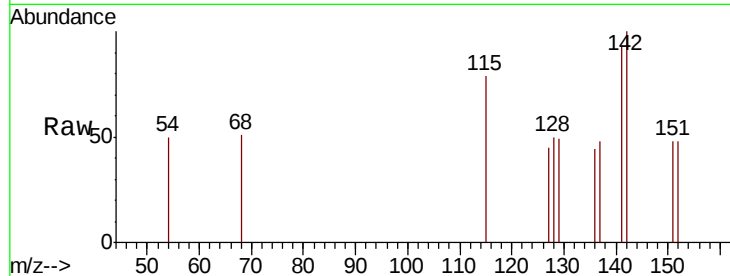
141 91.3 73.0 109.6

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.84

120

100

80

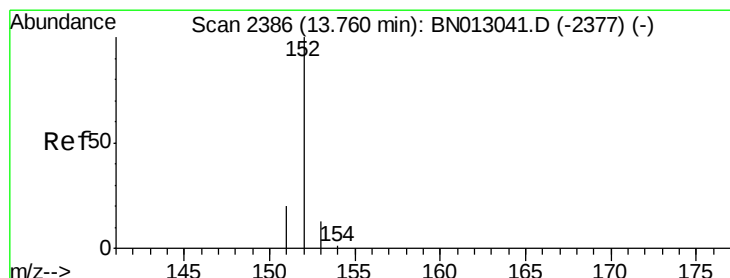
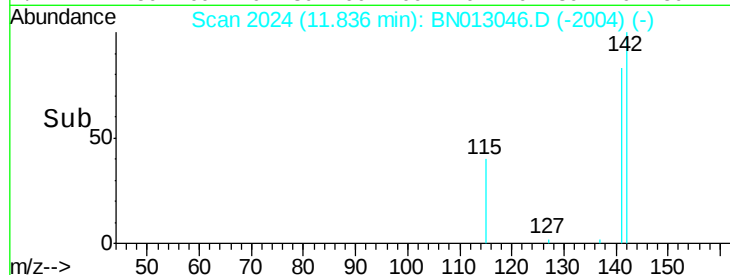
60

40

20

0

Time-->



#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BN013046.D

Acq: 10 Dec 2020 14:29

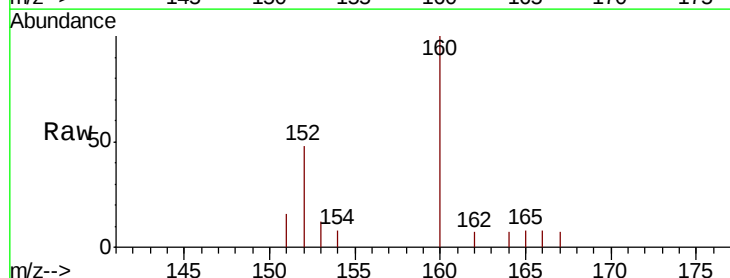
Tgt Ion:152 Resp: 521

Ion Ratio Lower Upper

152 100

151 32.8 18.2 27.4#

153 25.4 13.1 19.7#



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

13.76

400

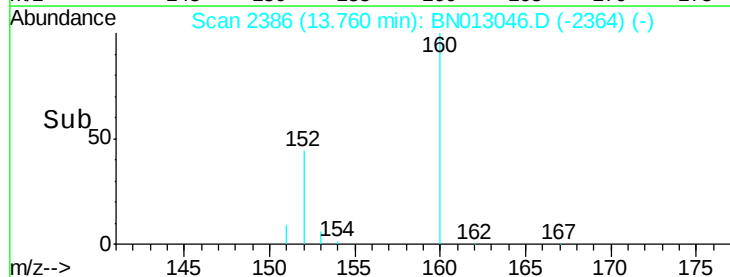
300

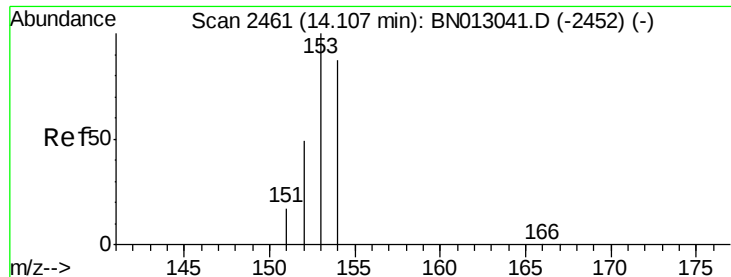
200

100

0

Time-->





#8

Acenaphthene

Concen: 0.271 ng/ul

RT: 14.11 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BN013046.D

Acq: 10 Dec 2020 14:29

Instrument :

BNA_N

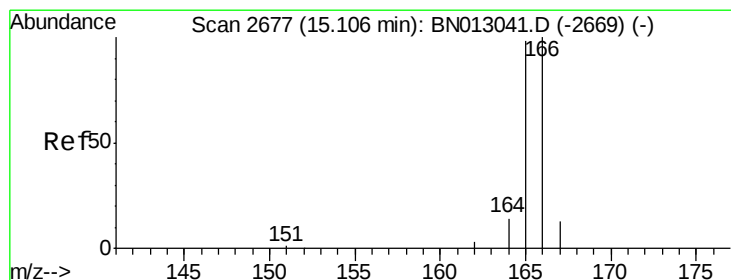
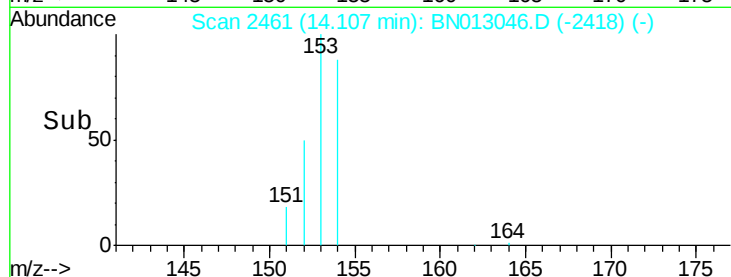
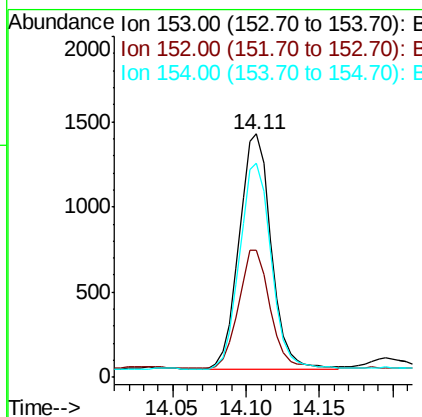
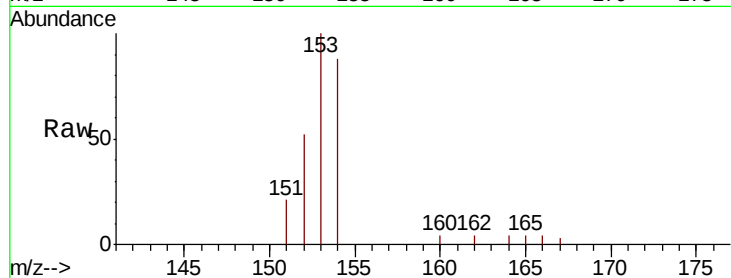
ClientSampleId :

C0AX3DL

Tot Ion:	153	Resp:	2089
Ion	Ratio	Lower	Upper
153	100		
152	52.3	40.7	61.1
154	88.2	70.8	106.2

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#9

Fluorene

Concen: 0.306 ng/ul

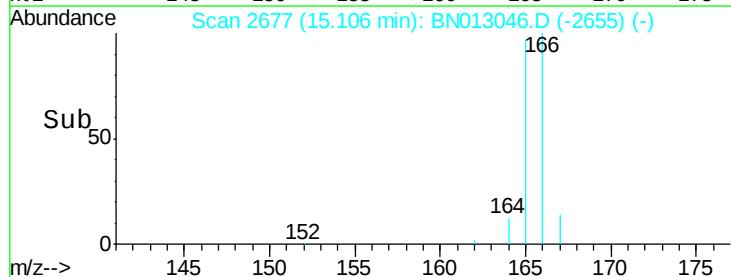
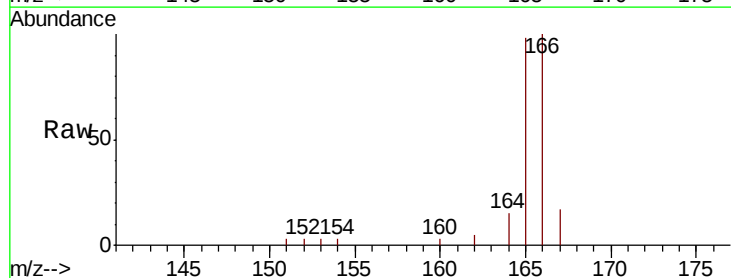
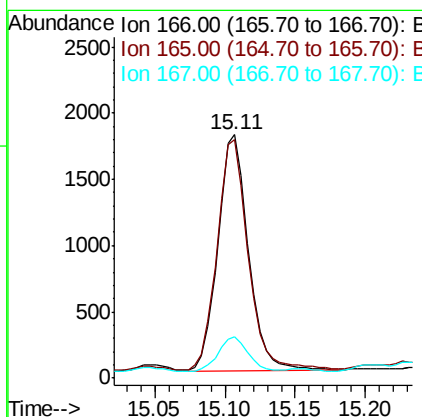
RT: 15.11 min Scan# 2677

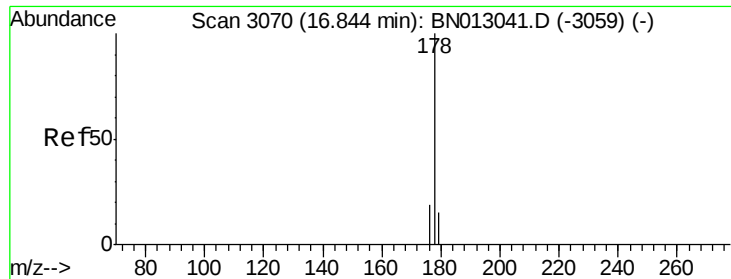
Delta R.T. 0.00 min

Lab File: BN013046.D

Acq: 10 Dec 2020 14:29

Tgt Ion:	166	Resp:	2706
Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	16.8	13.8	20.8





#12

Phenanthrene

Concen: 5.292 ng/ul

RT: 16.84 min Scan# 3069

Delta R.T. -0.00 min

Lab File: BN013046.D

Acq: 10 Dec 2020 14:29

Instrument :

BNA_N

ClientSampleId :

C0AX3DL

Tot Ion:178 Resp: 74997

Ion Ratio Lower Upper

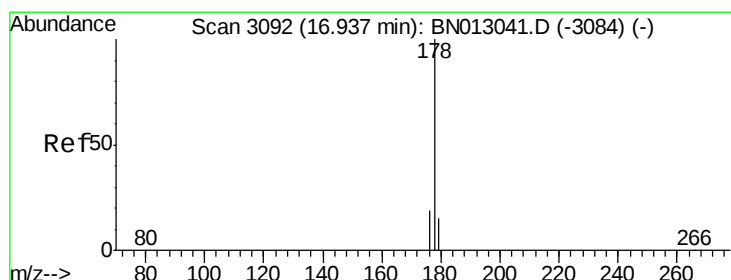
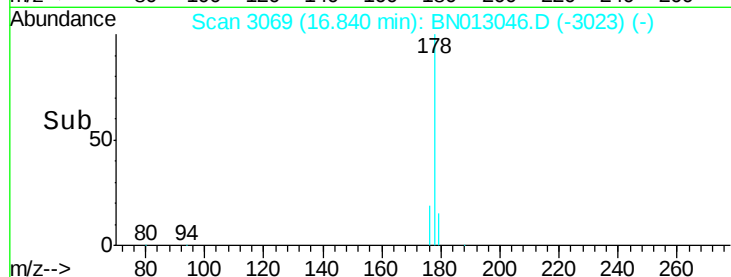
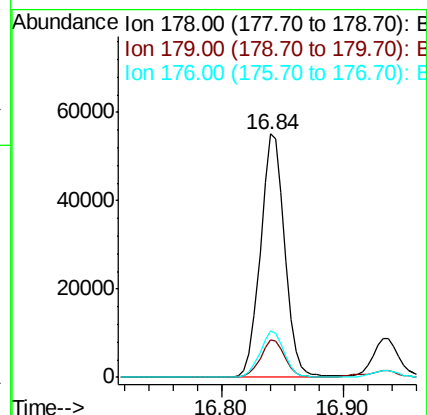
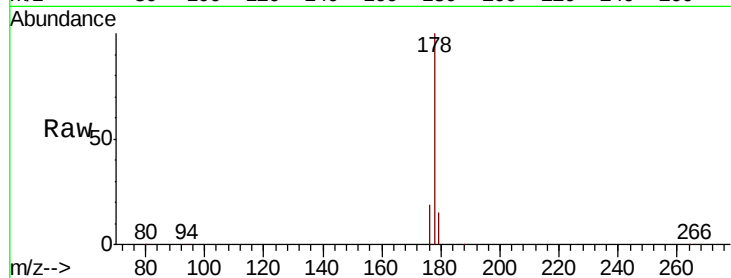
178 100

179 15.3 13.6 20.4

176 19.0 16.4 24.6

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#13

Anthracene

Concen: 1.027 ng/ul

RT: 16.93 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BN013046.D

Acq: 10 Dec 2020 14:29

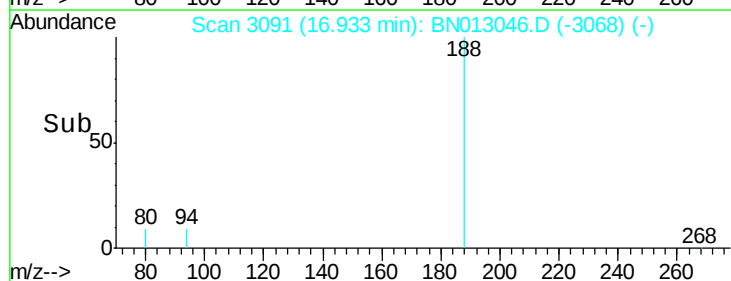
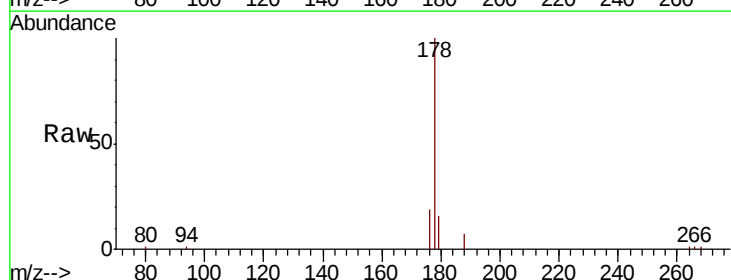
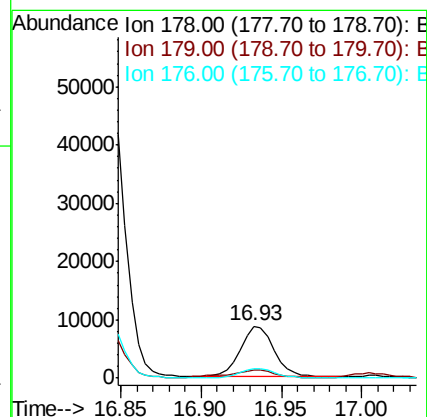
Tgt Ion:178 Resp: 12393

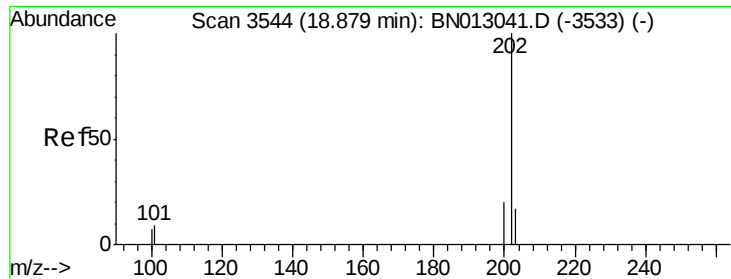
Ion Ratio Lower Upper

178 100

179 16.3 14.6 21.8

176 18.9 17.1 25.7





#15

Fluoranthene

Concen: 10.739 ng/ul

RT: 18.87 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BN013046.D

Acq: 10 Dec 2020 14:29

Instrument :

BNA_N

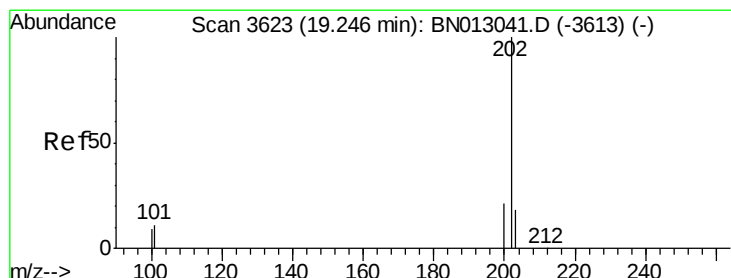
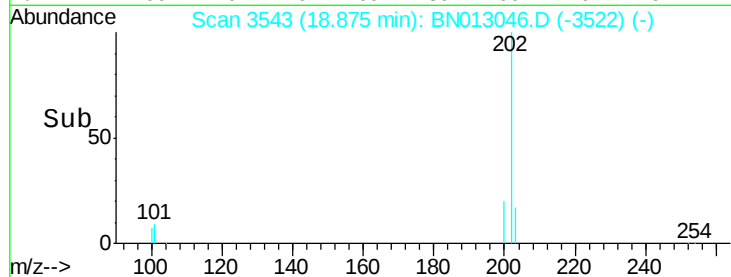
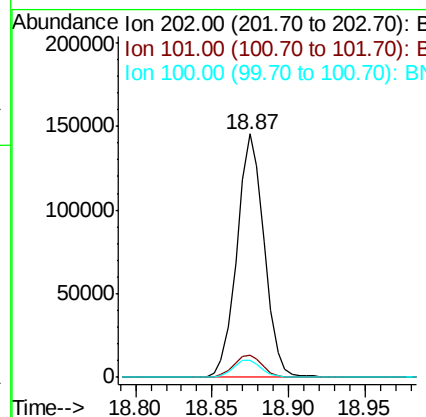
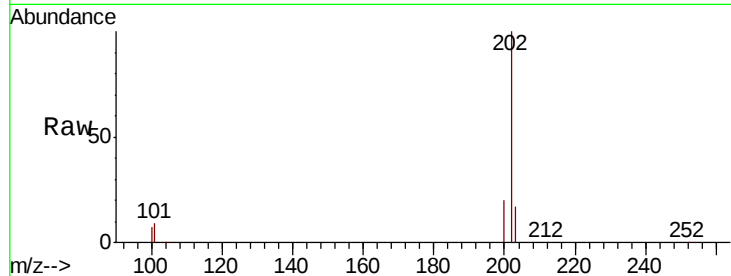
ClientSampleId :

C0AX3DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		180856		
101	9.3	0.0	30.6		
100	7.3	0.0	28.7		

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#17

Pyrene

Concen: 8.383 ng/ul

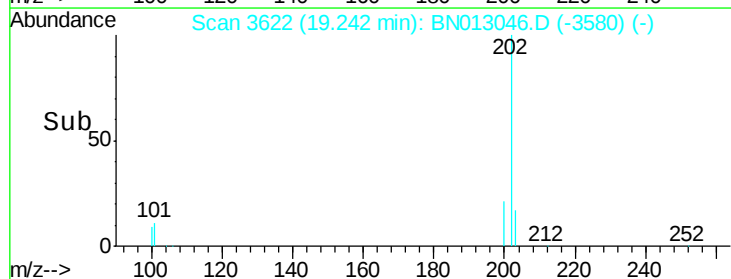
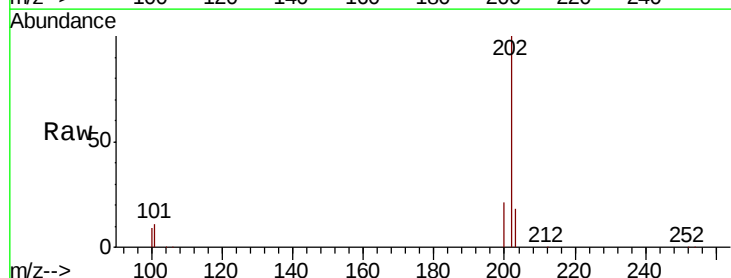
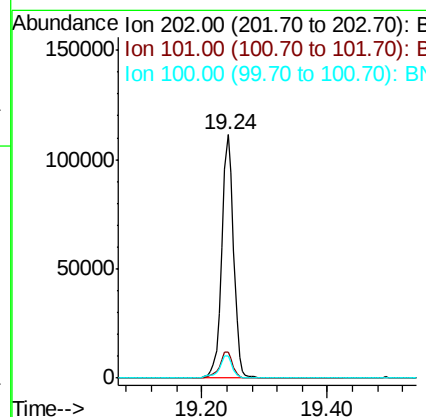
RT: 19.24 min Scan# 3622

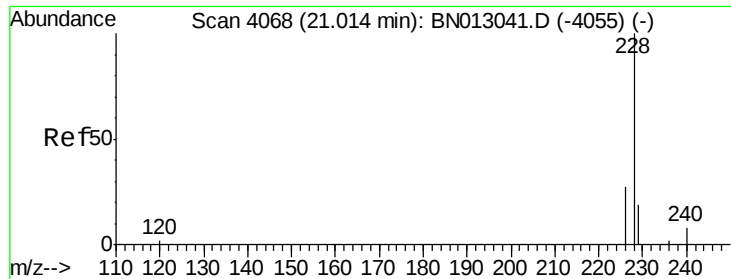
Delta R.T. -0.00 min

Lab File: BN013046.D

Acq: 10 Dec 2020 14:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		144454		
101	10.9	9.1	13.7		
100	9.1	7.5	11.3		





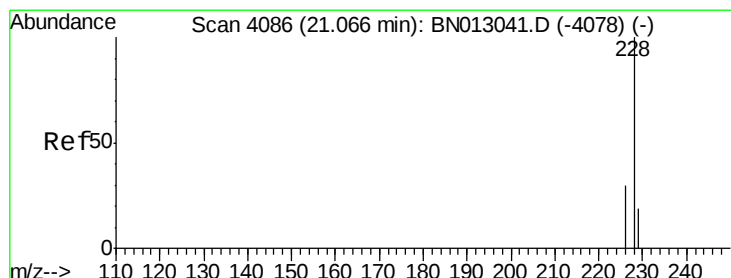
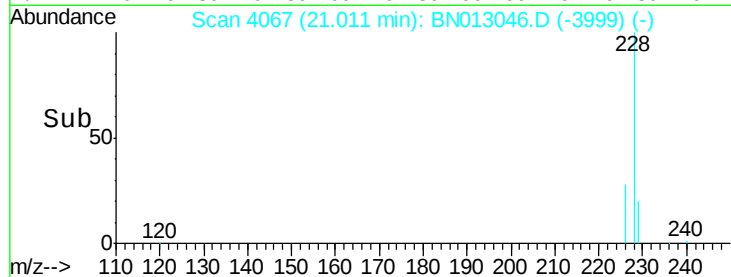
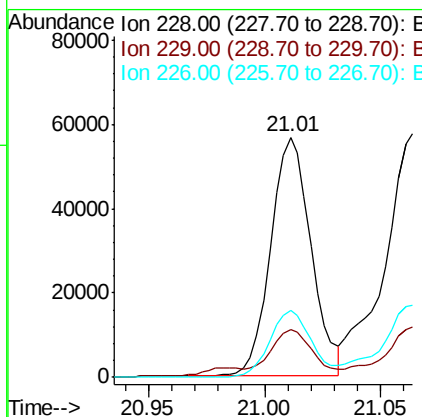
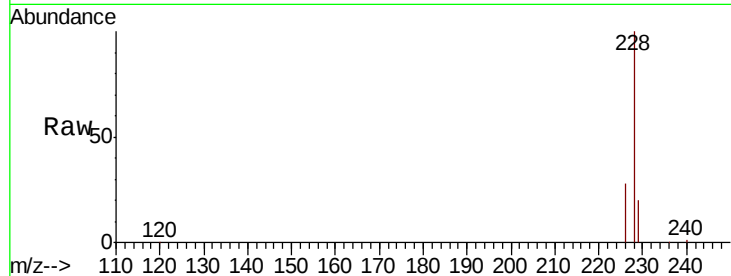
#18
Benzo(a)anthracene
Concen: 4.552 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.00 min
Lab File: BN013046.D
Acq: 10 Dec 2020 14:29

Instrument :
BNA_N
ClientSampleId :
C0AX3DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.3	24.5
226	28.1	23.4	35.2

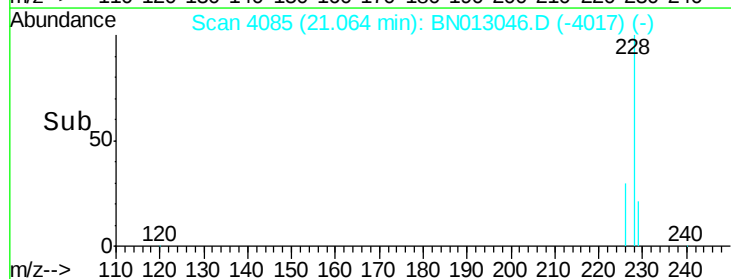
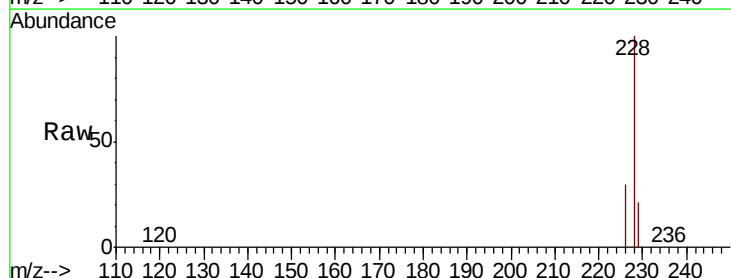
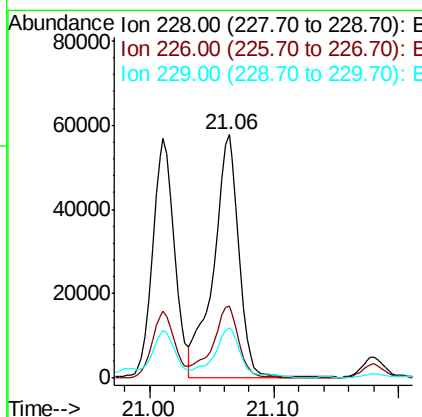
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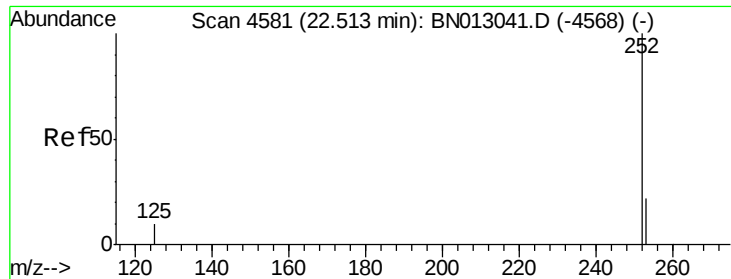
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#19
Chrysene
Concen: 4.837 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. -0.00 min
Lab File: BN013046.D
Acq: 10 Dec 2020 14:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.9	16.4	24.6





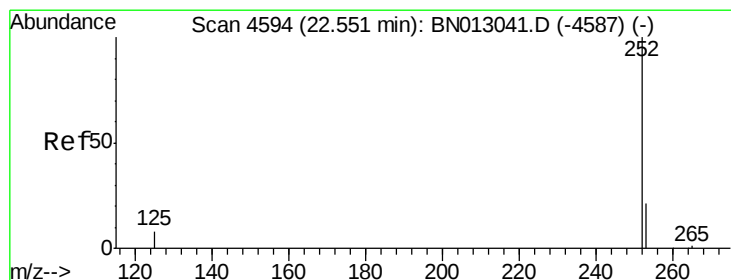
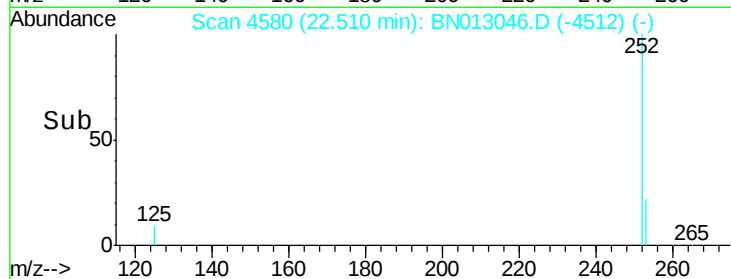
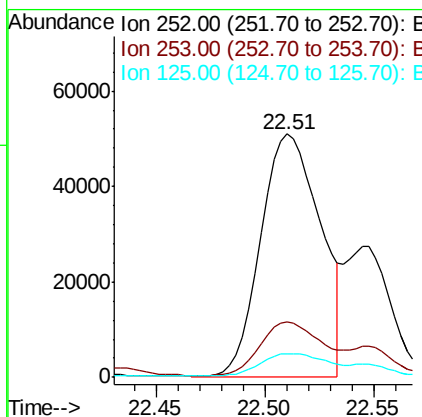
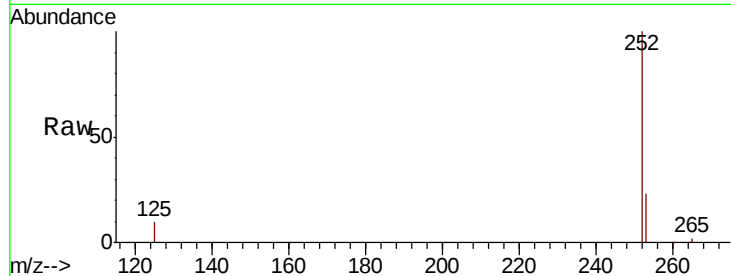
#21
Benzo(b)fluoranthene
Concen: 5.887 ng/ul m
RT: 22.51 min Scan# 4580
Delta R.T. 0.00 min
Lab File: BN013046.D
Acq: 10 Dec 2020 14:29

Instrument :
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ClientSampleId :
C0AX3DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	0.0	59.6
125	9.9	0.0	26.0

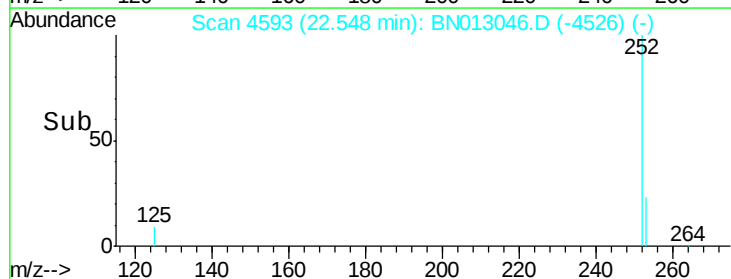
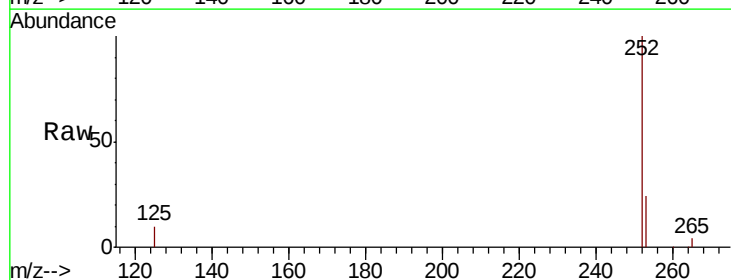
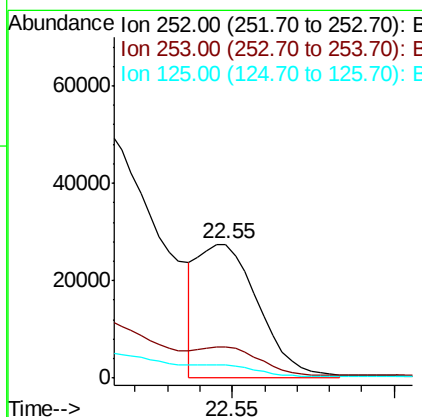
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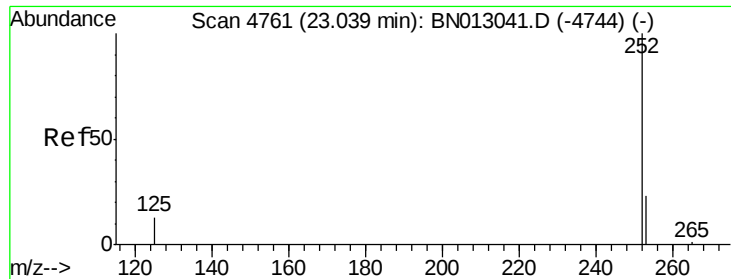
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#22
Benzo(k)fluoranthene
Concen: 1.964 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.00 min
Lab File: BN013046.D
Acq: 10 Dec 2020 14:29

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	23.4	35.2
125	9.7	11.1	16.7#





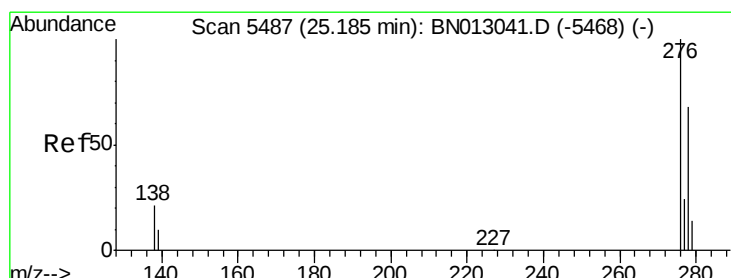
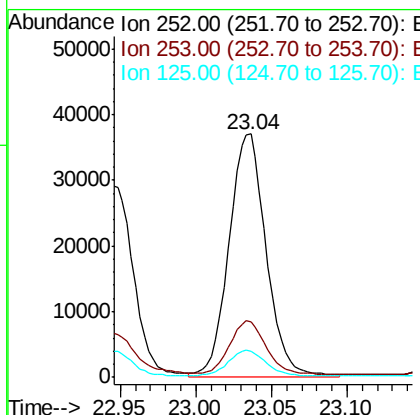
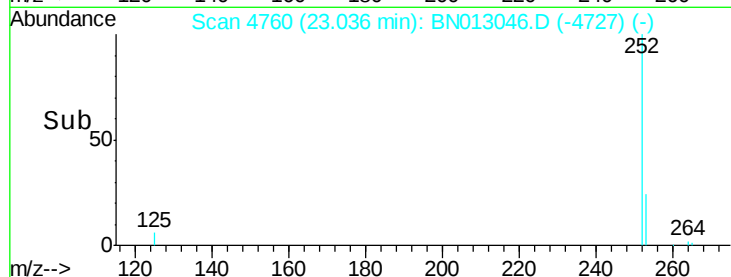
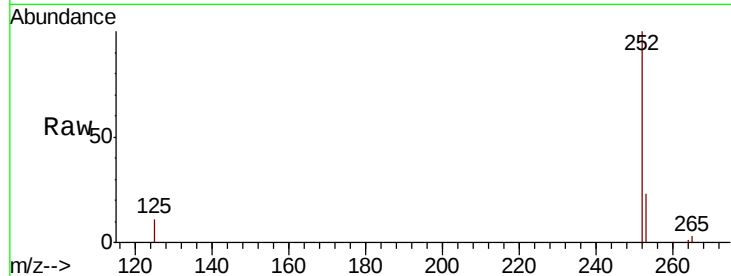
#23
Benzo(a)pyrene
Concen: 4.135 ng/ul m
RT: 23.04 min Scan# 4760
Delta R.T. -0.00 min
Lab File: BN013046.D
Acq: 10 Dec 2020 14:29

Instrument :
BNA_N
ClientSampleId :
C0AX3DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	26.5	39.7#
125	10.9	14.2	21.2#

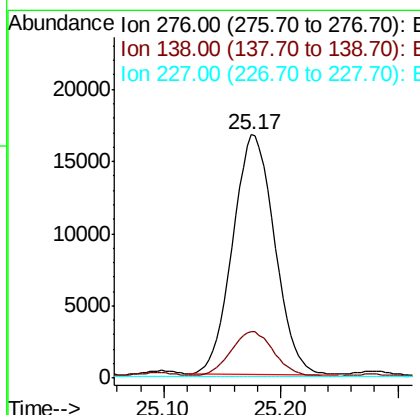
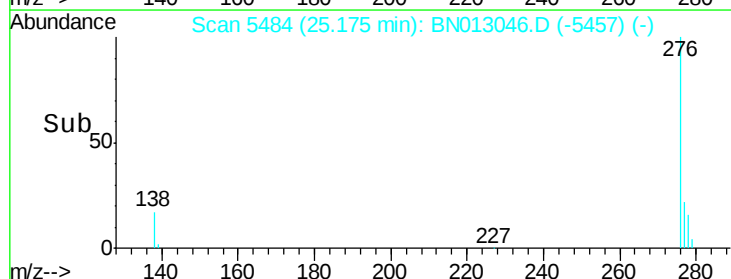
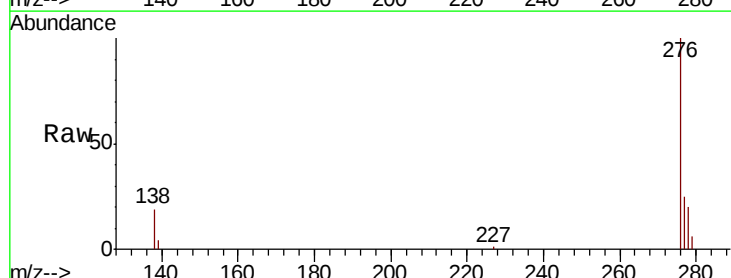
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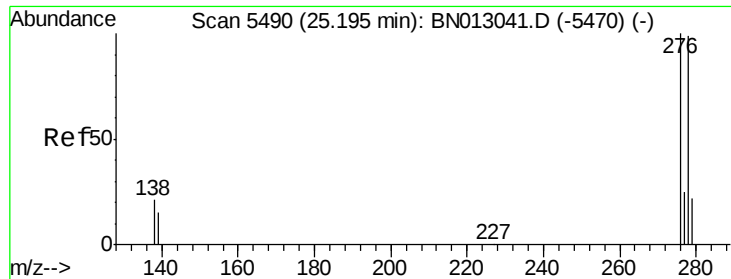
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#24
Indeno(1,2,3-cd)pyrene
Concen: 2.035 ng/ul
RT: 25.17 min Scan# 5484
Delta R.T. -0.01 min
Lab File: BN013046.D
Acq: 10 Dec 2020 14:29

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	18.7	16.2	24.2
227	0.2	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.637 ng/ul

RT: 25.18 min Scan# 5486

Delta R.T. -0.02 min

Lab File: BN013046.D

Acq: 10 Dec 2020 14:29

Instrument :

BNA_N

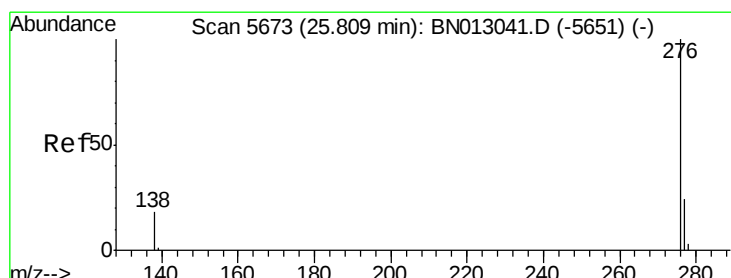
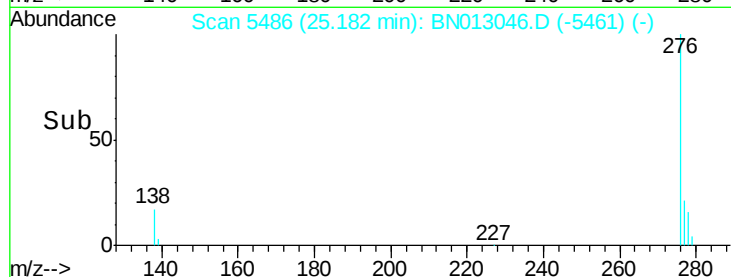
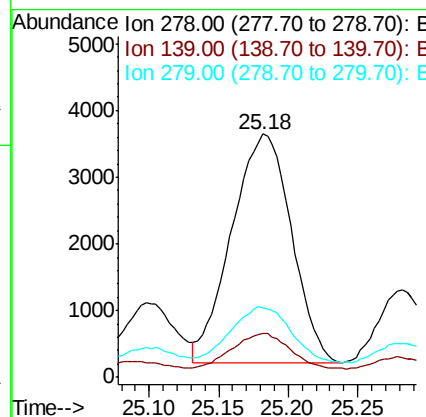
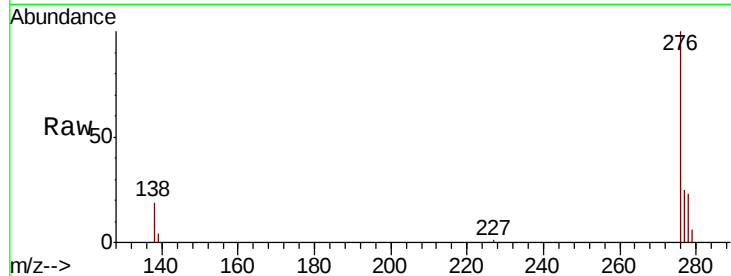
ClientSampleId :

C0AX3DL

Tot Ion:	278	Resp:	10229
Ion Ratio	Lower	Upper	
278	100		
139	17.9	14.5	21.7
279	28.4	26.3	39.5

Manual Integrations
APPROVED

mohammad
12/11/2020 1:19:22 PM



#26

Benzo(g,h,i)perylene

Concen: 1.885 ng/ul

RT: 25.80 min Scan# 5671

Delta R.T. -0.01 min

Lab File: BN013046.D

Acq: 10 Dec 2020 14:29

Tgt Ion:	276	Resp:	34637
Ion Ratio	Lower	Upper	
276	100		
138	19.2	16.3	24.5
277	24.3	21.8	32.6

