

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013018.D
 Acq On : 09 Dec 2020 18:56
 Operator : CG/JU
 Sample : L4941-05
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY4

Manual Integrations
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mohammad
 12/11/2020 1:17:55 PM

Quant Time: Dec 10 01:10:50 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 00:40:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1178	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	4812	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2679	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5535	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4032	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3619	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	958	0.13	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2184	0.14	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	812	0.064	ng/ul#	90
8) Acenaphthene	14.11	153	294	0.028	ng/ul	94
9) Fluorene	15.11	166	388	0.033	ng/ul#	94
12) Phenanthrene	16.85	178	14285	0.770	ng/ul	97
13) Anthracene	16.94	178	1543	0.098	ng/ul	96
15) Fluoranthene	18.88	202	39038	1.770	ng/ul	99
17) Pyrene	19.25	202	32882	1.727	ng/ul	98
18) Benzo(a)anthracene	21.02	228	13641	0.818	ng/ul	99
19) Chrysene	21.07	228	18218	0.988	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	23914m	1.428	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	8021m	0.433	ng/ul	
23) Benzo(a)pyrene	23.04	252	14659	0.944	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.18	276	10052	0.493	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	2423	0.150	ng/ul#	77
26) Benzo(g,h,i)perylene	25.82	276	8636	0.468	ng/ul	98

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

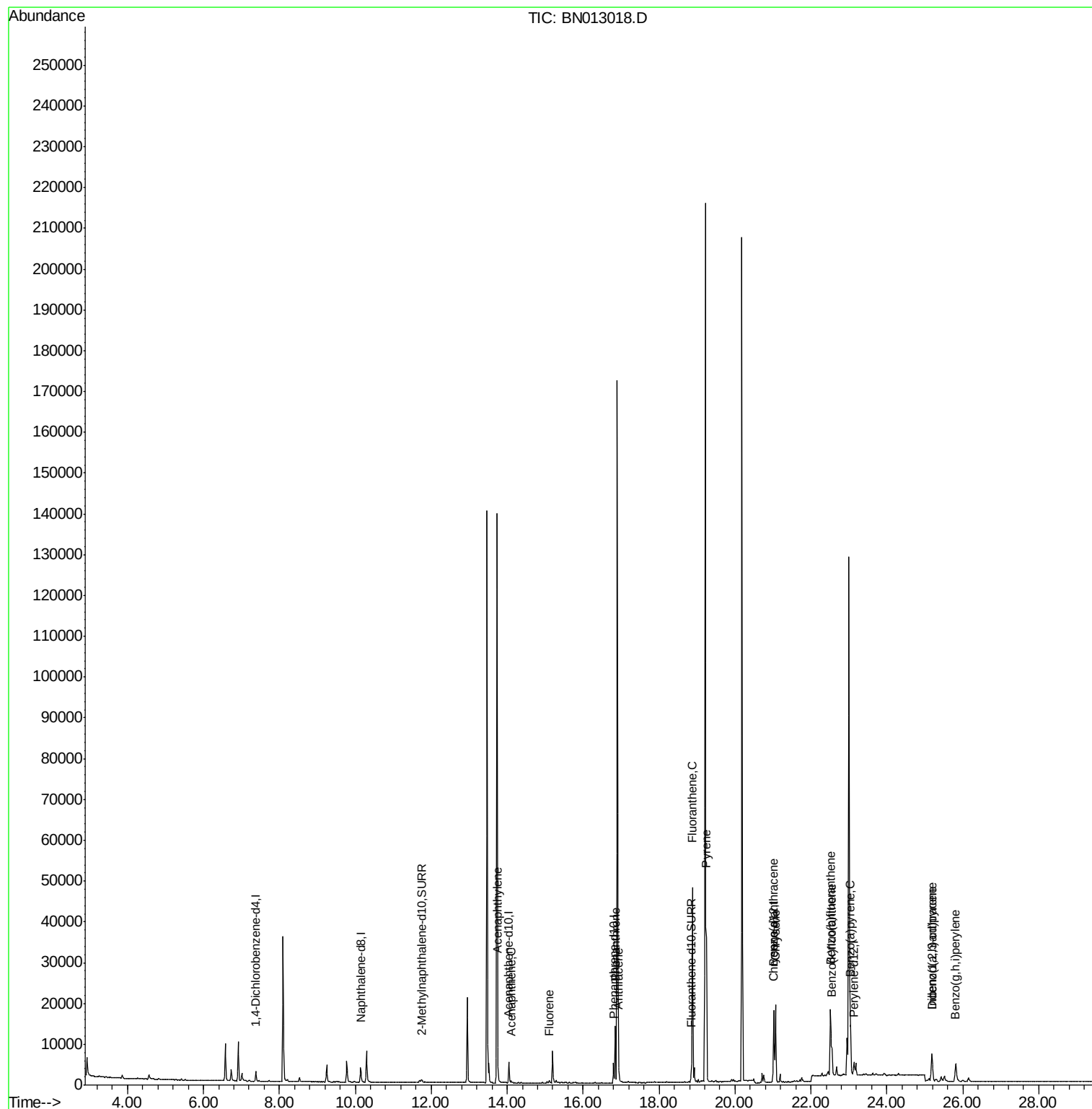
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013018.D
Acq On : 09 Dec 2020 18:56
Operator : CG/JU
Sample : L4941-05
Misc :
ALS Vial : 88 Sample Multiplier: 1

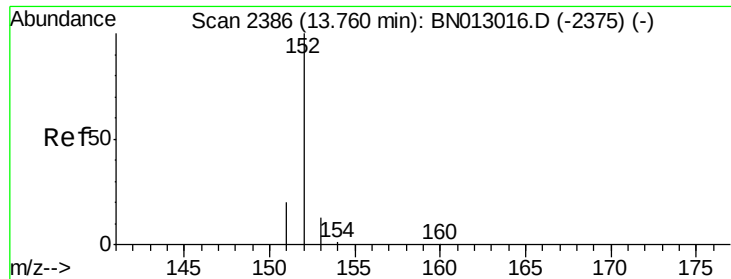
Instrument :
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C0AY4

Manual Integrations
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12/11/2020 1:17:55 PM

Quant Time: Dec 10 01:10:50 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 00:40:41 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.064 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

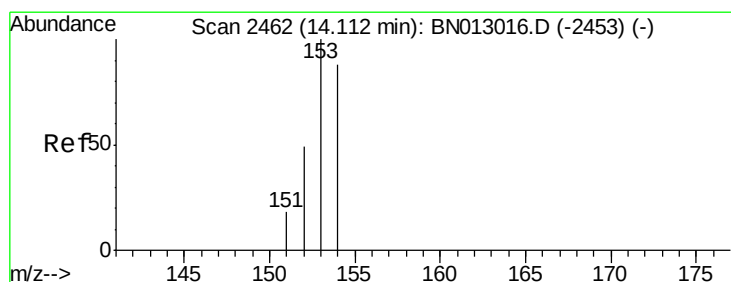
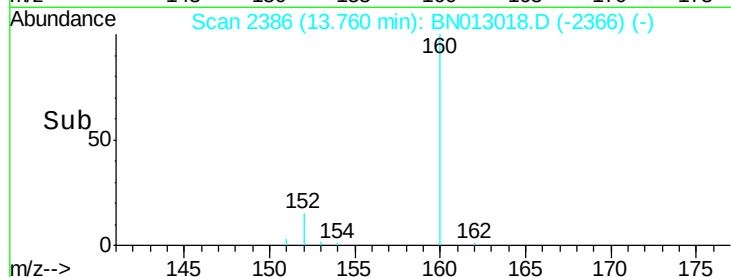
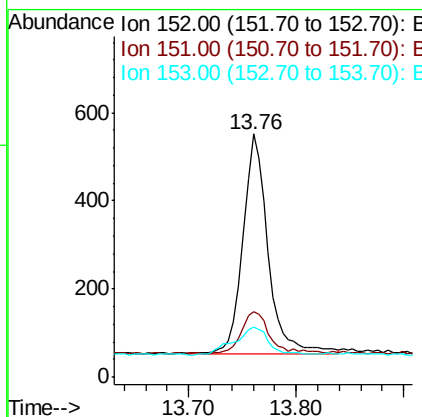
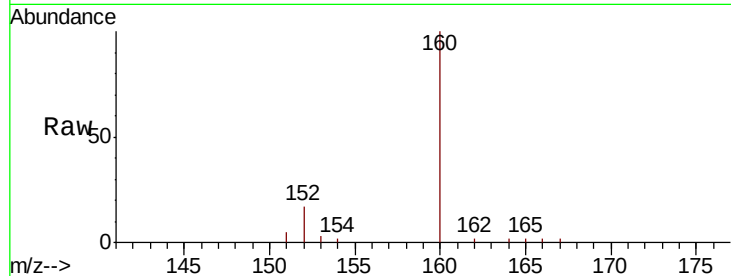
ClientSampleId :

C0AY4

Tot Ion:	152	Resp:	812
Ion Ratio	Lower	Upper	
152	100		
151	27.2	18.2	27.4
153	20.8	13.1	19.7

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#8

Acenaphthene

Concen: 0.028 ng/ul

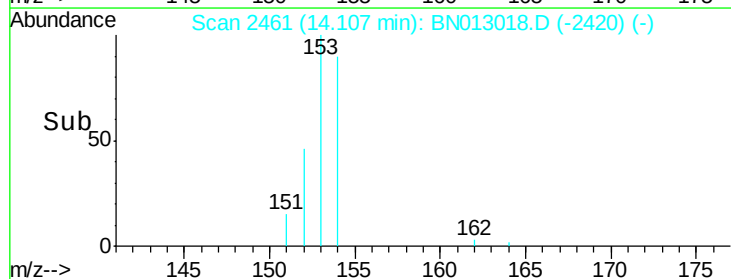
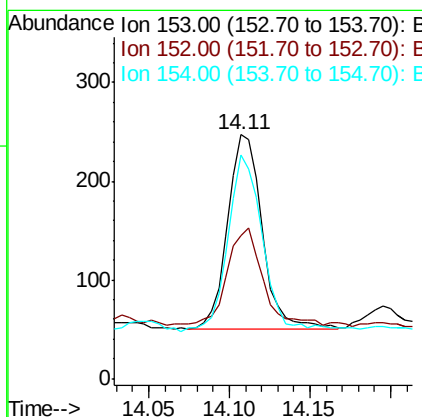
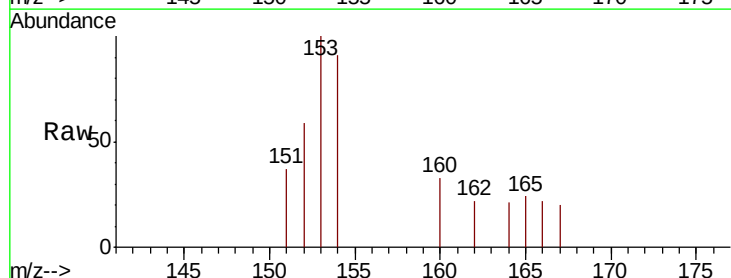
RT: 14.11 min Scan# 2461

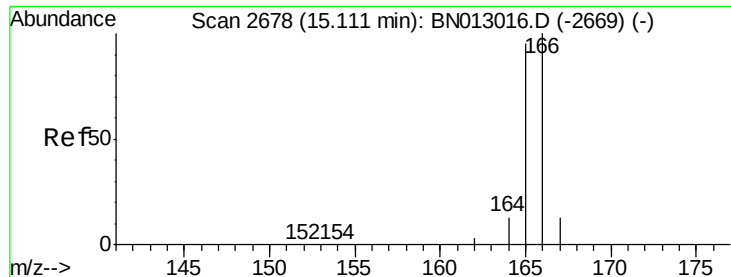
Delta R.T. -0.01 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Tgt Ion:	153	Resp:	294
Ion Ratio	Lower	Upper	
153	100		
152	58.7	40.7	61.1
154	91.5	70.8	106.2





#9

Fluorene

Concen: 0.033 ng/ul

RT: 15.11 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

ClientSampleId :

C0AY4

Tot Ion:166 Resp: 388

Ion Ratio Lower Upper

166 100

165 96.4 79.8 119.8

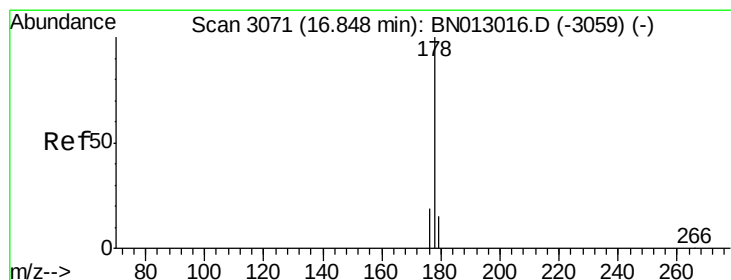
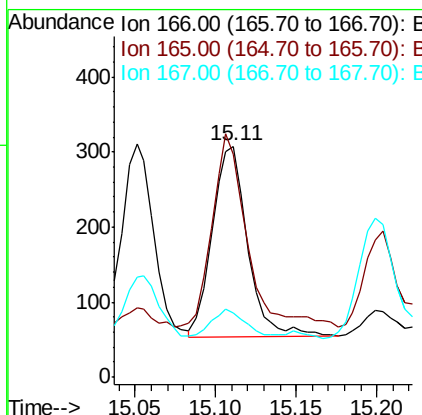
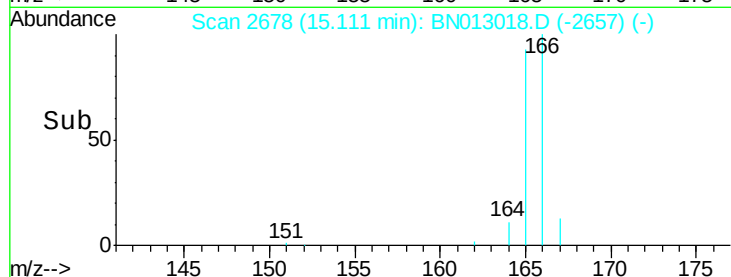
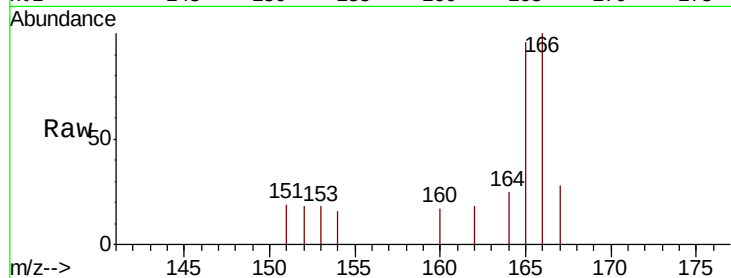
167 27.9 13.8 20.8#

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#12

Phenanthrene

Concen: 0.770 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

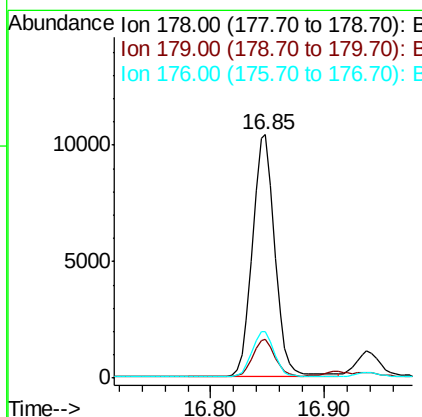
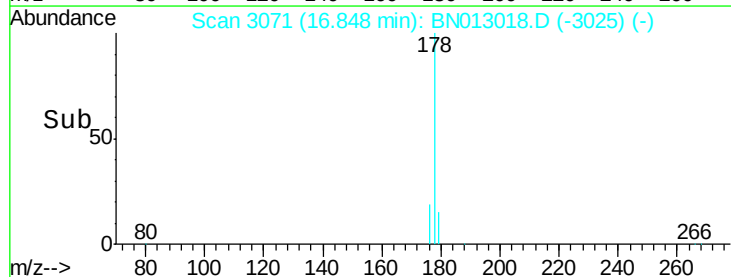
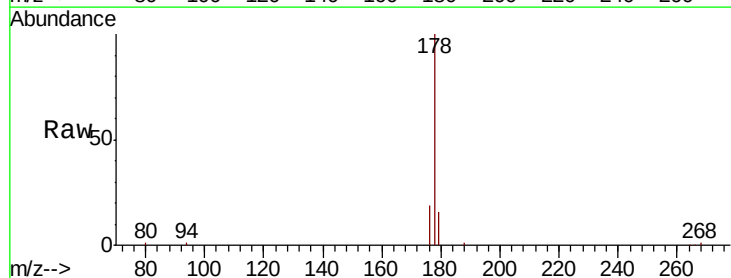
Tgt Ion:178 Resp: 14285

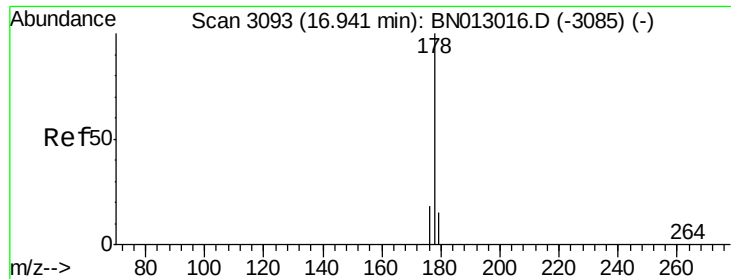
Ion Ratio Lower Upper

178 100

179 15.7 13.6 20.4

176 19.1 16.4 24.6





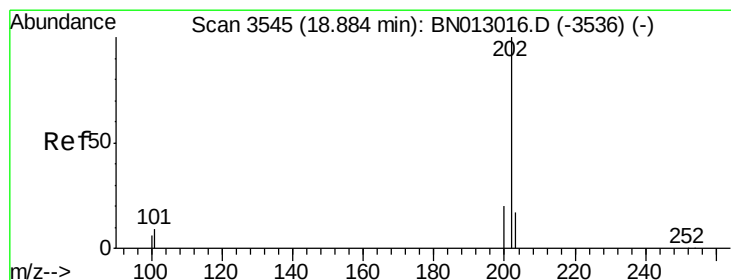
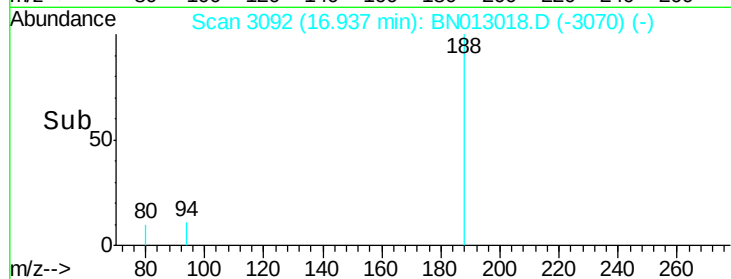
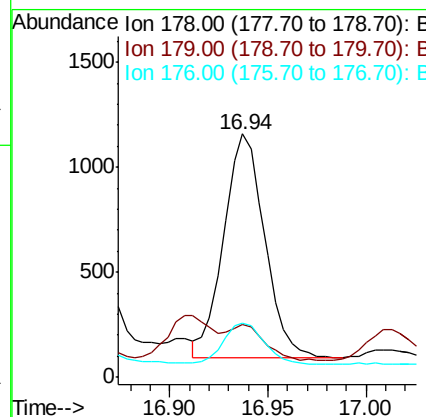
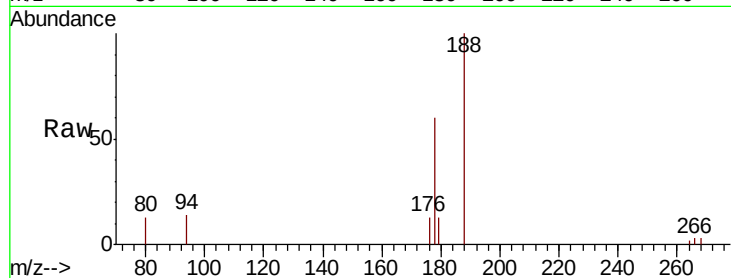
#13
 Anthracene
 Concen: 0.098 ng/ul
 RT: 16.94 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BN013018.D
 Acq: 09 Dec 2020 18:56

Instrument :
 BNA_N
 ClientSampleId :
 C0AY4

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.5	14.6	21.8
176	22.3	17.1	25.7

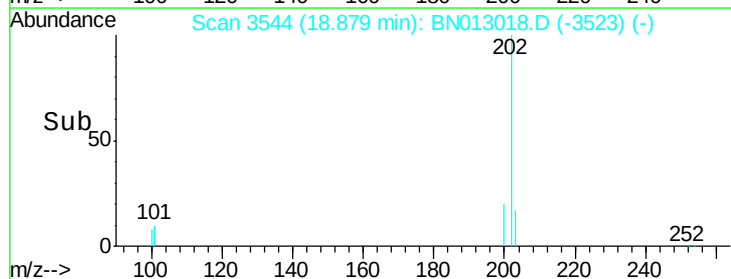
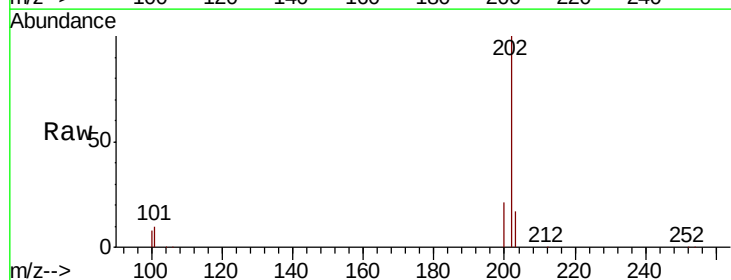
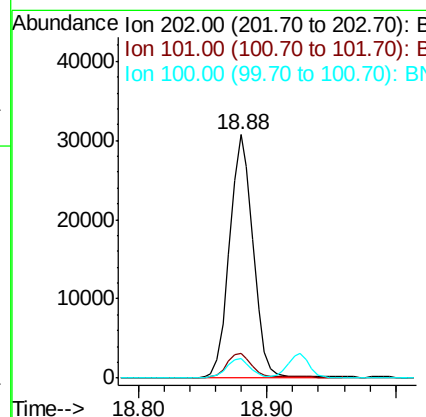
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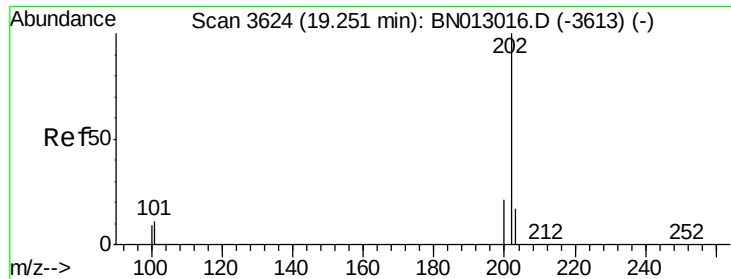
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#15
 Fluoranthene
 Concen: 1.770 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: BN013018.D
 Acq: 09 Dec 2020 18:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.6
100	7.9	0.0	28.7





#17

Pvrene

Concen: 1.727 ng/ul

RT: 19.25 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

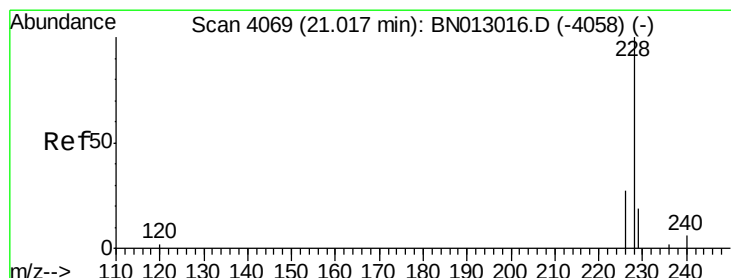
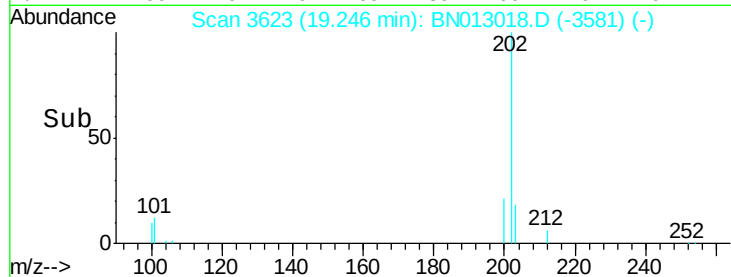
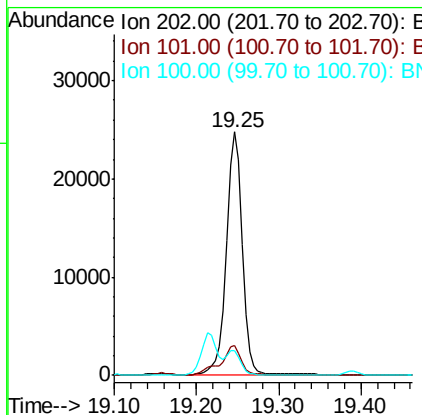
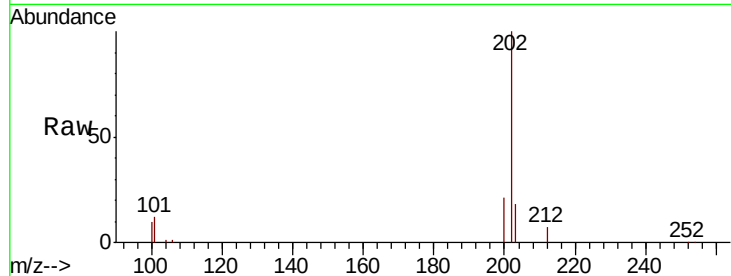
ClientSampleId :

C0AY4

Tot Ion:	202	Resp:	32882
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.1	13.7
100	10.2	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 0.818 ng/ul

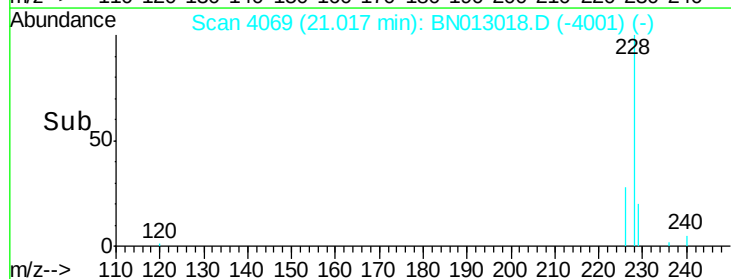
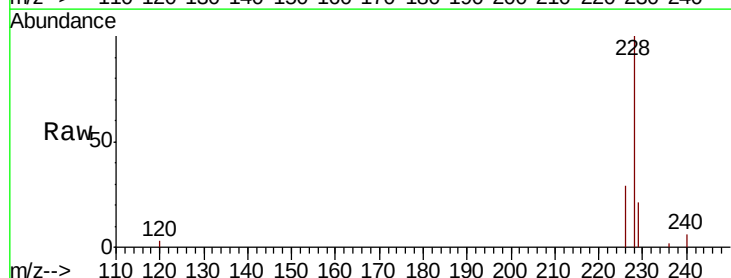
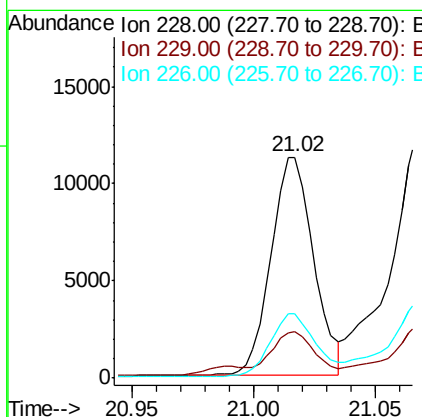
RT: 21.02 min Scan# 4069

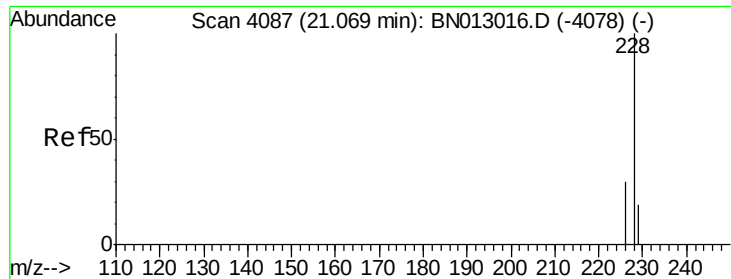
Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Tgt Ion:	228	Resp:	13641
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.3	24.5
226	29.1	23.4	35.2





#19

Chrysene

Concen: 0.988 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

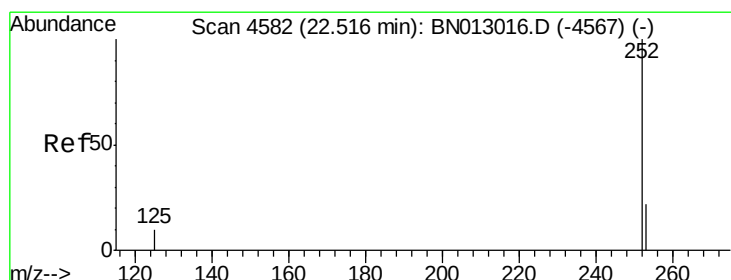
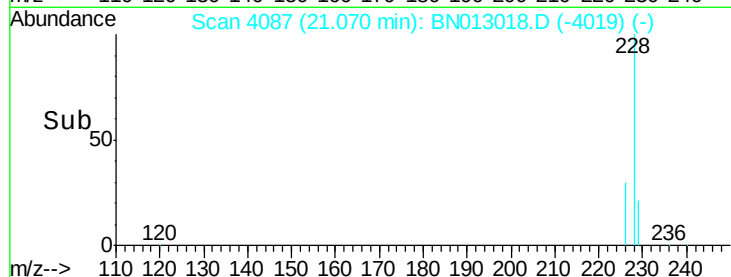
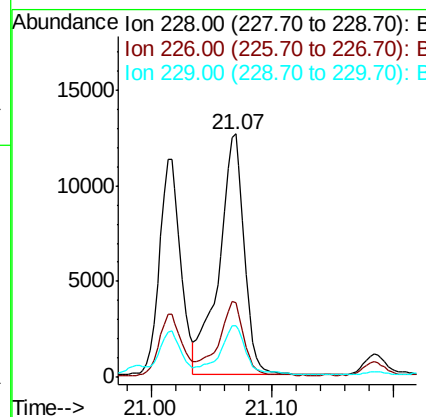
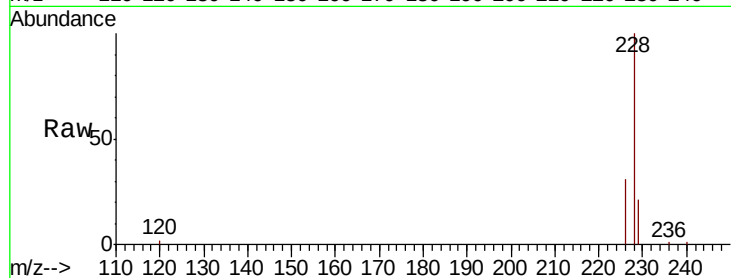
ClientSampleId :

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Tot Ion:	228	Resp:	18218
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	21.4	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 1.428 ng/ul m

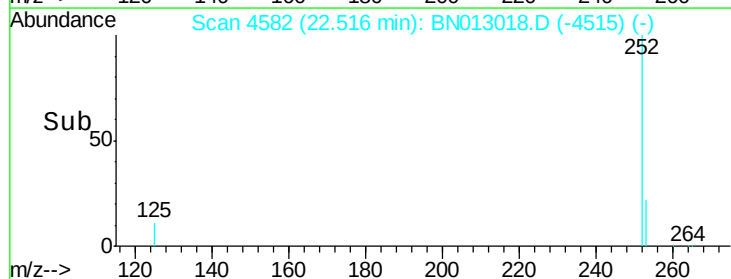
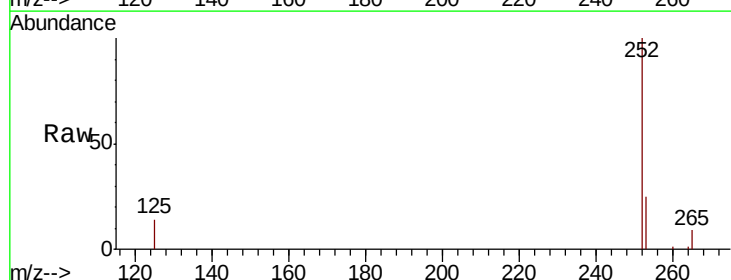
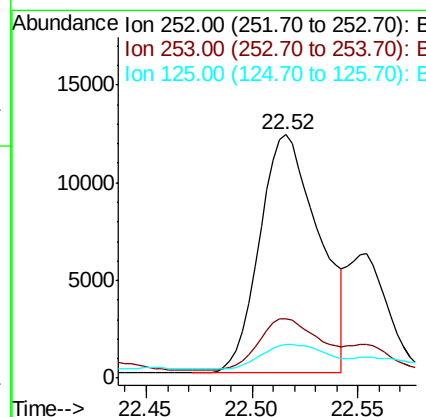
RT: 22.52 min Scan# 4582

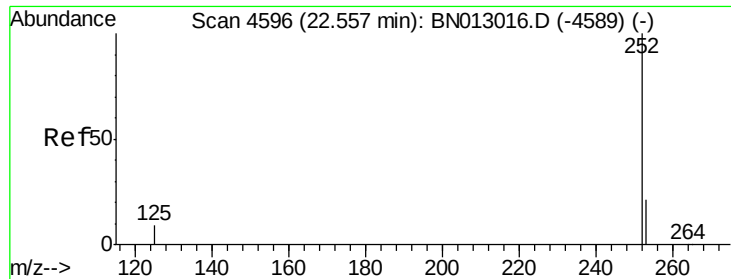
Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Tgt Ion:	252	Resp:	23914
Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	59.6
125	13.9	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.433 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

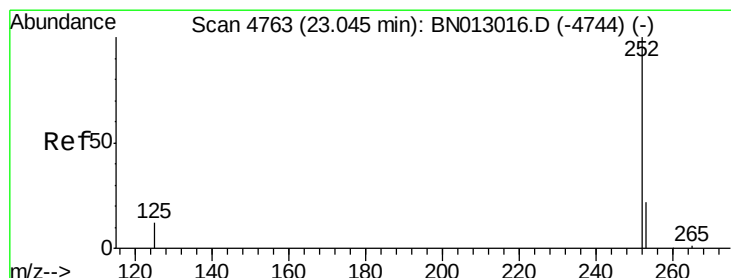
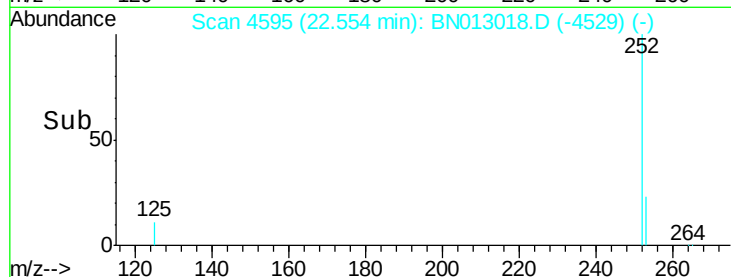
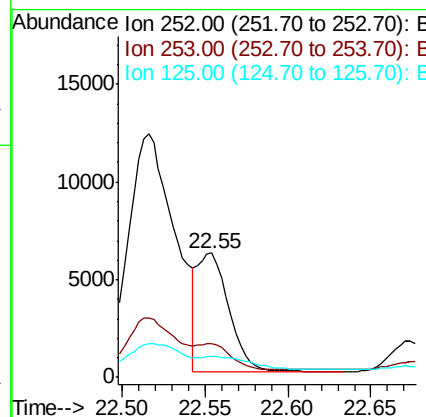
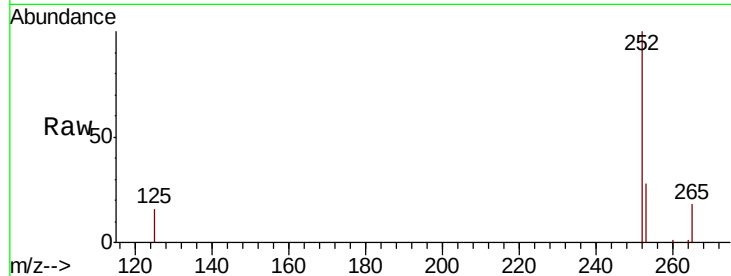
ClientSampleId :

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Tot Ion:	252	Resp:	8021
Ion Ratio	Lower	Upper	
252	100		
253	27.5	23.4	35.2
125	16.4	11.1	16.7

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#23

Benzo(a)pyrene

Concen: 0.944 ng/ul

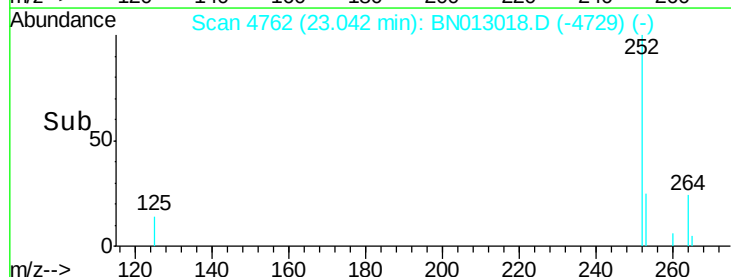
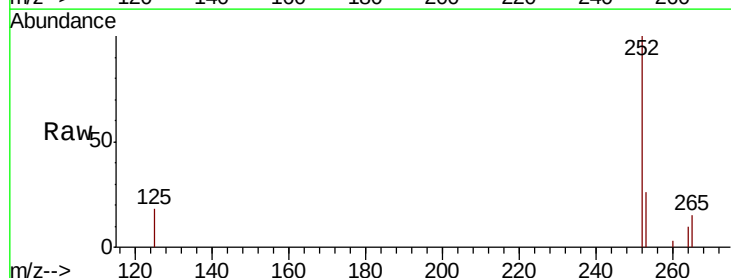
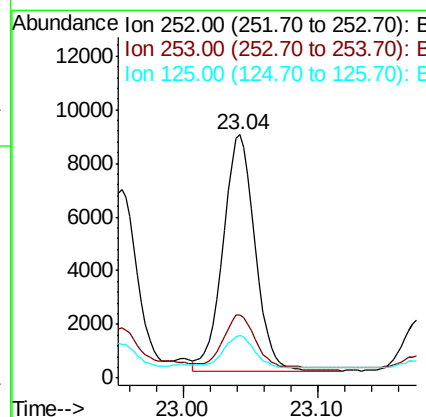
RT: 23.04 min Scan# 4762

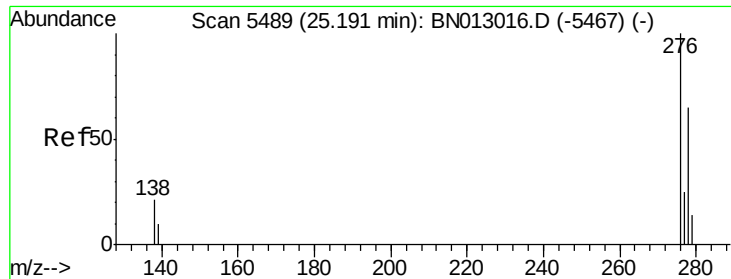
Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Tgt Ion:	252	Resp:	14659
Ion Ratio	Lower	Upper	
252	100		
253	26.1	26.5	39.7#
125	17.5	14.2	21.2





#24

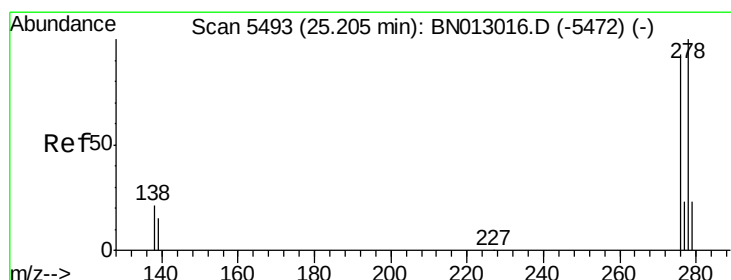
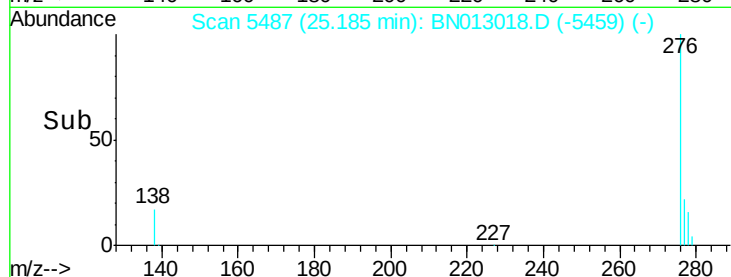
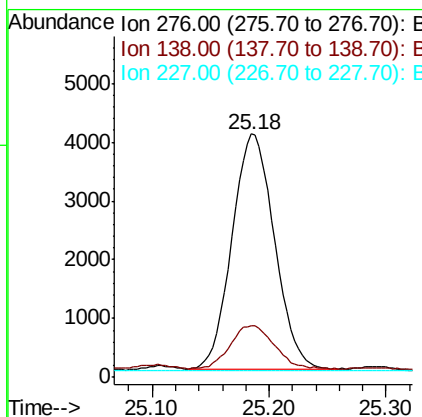
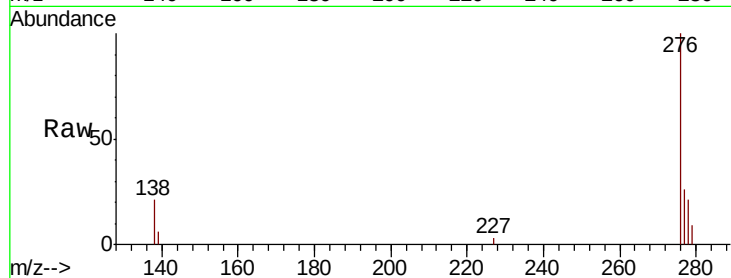
Indeno(1,2,3-cd)pyrene
Concen: 0.493 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN013018.D
Acq: 09 Dec 2020 18:56

Instrument :
BNA_N
ClientSampled :
C0AY4

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.2	24.2
227	0.3	0.0	0.0#

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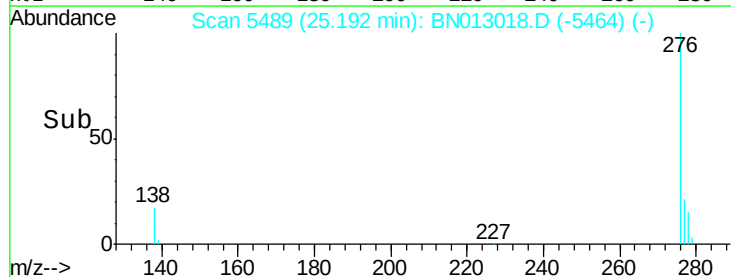
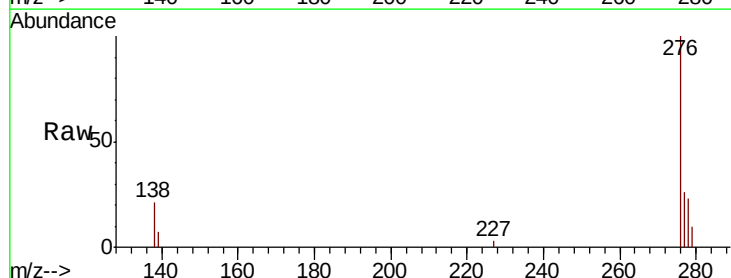
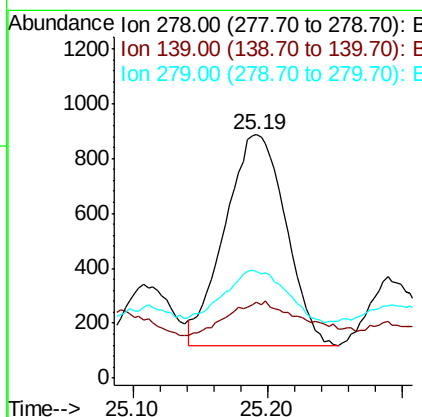
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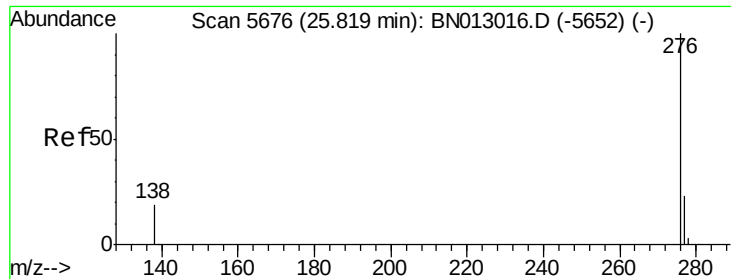


#25

Dibenzo(a,h)anthracene
Concen: 0.150 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN013018.D
Acq: 09 Dec 2020 18:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.2	14.5	21.7#
279	43.6	26.3	39.5#





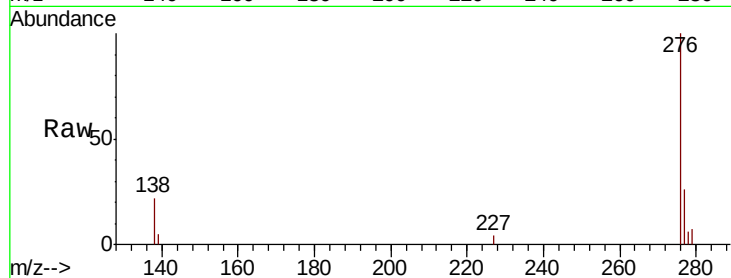
#26
 Benzo(a,h,i)perylene
 Concen: 0.468 ng/ul
 RT: 25.82 min Scan# 5676
 Delta R.T. -0.00 min
 Lab File: BN013018.D
 Acq: 09 Dec 2020 18:56

Instrument :
 BNA_N
 ClientSampleId :
 C0AY4

Tot Ion:	276	Resp:	8636
Ion Ratio	Lower	Upper	
276	100		
138	21.8	16.3	24.5
277	26.1	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/11/2020 1:17:55 PM



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

