

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
 Data File : BN013109.D
 Acq On : 14 Dec 2020 10:41
 Operator : CG/JU
 Sample : L5063-05RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD7RE

Manual Integrations
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Quant Time: Dec 14 11:18:54 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 : Mon Dec 14 10:24:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	1191	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4739	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	5229	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	5315	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3623	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3205	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	1891	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	2695	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	72096	5.258	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	306672	34.044	ng/ul	99
7) Acenaphthylene	13.75	152	16488	0.666	ng/ul#	29
8) Acenaphthene	14.09	153	17102	0.842	ng/ul	93
9) Fluorene	15.10	166	27535	1.182	ng/ul#	90
11) Pentachlorophenol	16.46	266	174	0.113	ng/ul#	53
12) Phenanthrene	16.84	178	415427	23.312	ng/ul	98
13) Anthracene	16.93	178	35860	2.364	ng/ul#	93
15) Fluoranthene	18.87	202	129945	6.136	ng/ul	98
17) Pyrene	19.24	202	178320	10.420	ng/ul	99
18) Benzo(a)anthracene	21.01	228	55479	3.701	ng/ul#	78
19) Chrysene	21.06	228	56187m	3.393	ng/ul	
21) Benzo(b)fluoranthene	22.52	252	75140m	5.068	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	25691m	1.568	ng/ul	
23) Benzo(a)pyrene	23.04	252	48919	3.556	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.19	276	33109	1.832	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.19	278	9513	0.666	ng/ul#	25
26) Benzo(g,h,i)perylene	25.82	276	31068	1.901	ng/ul#	88

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

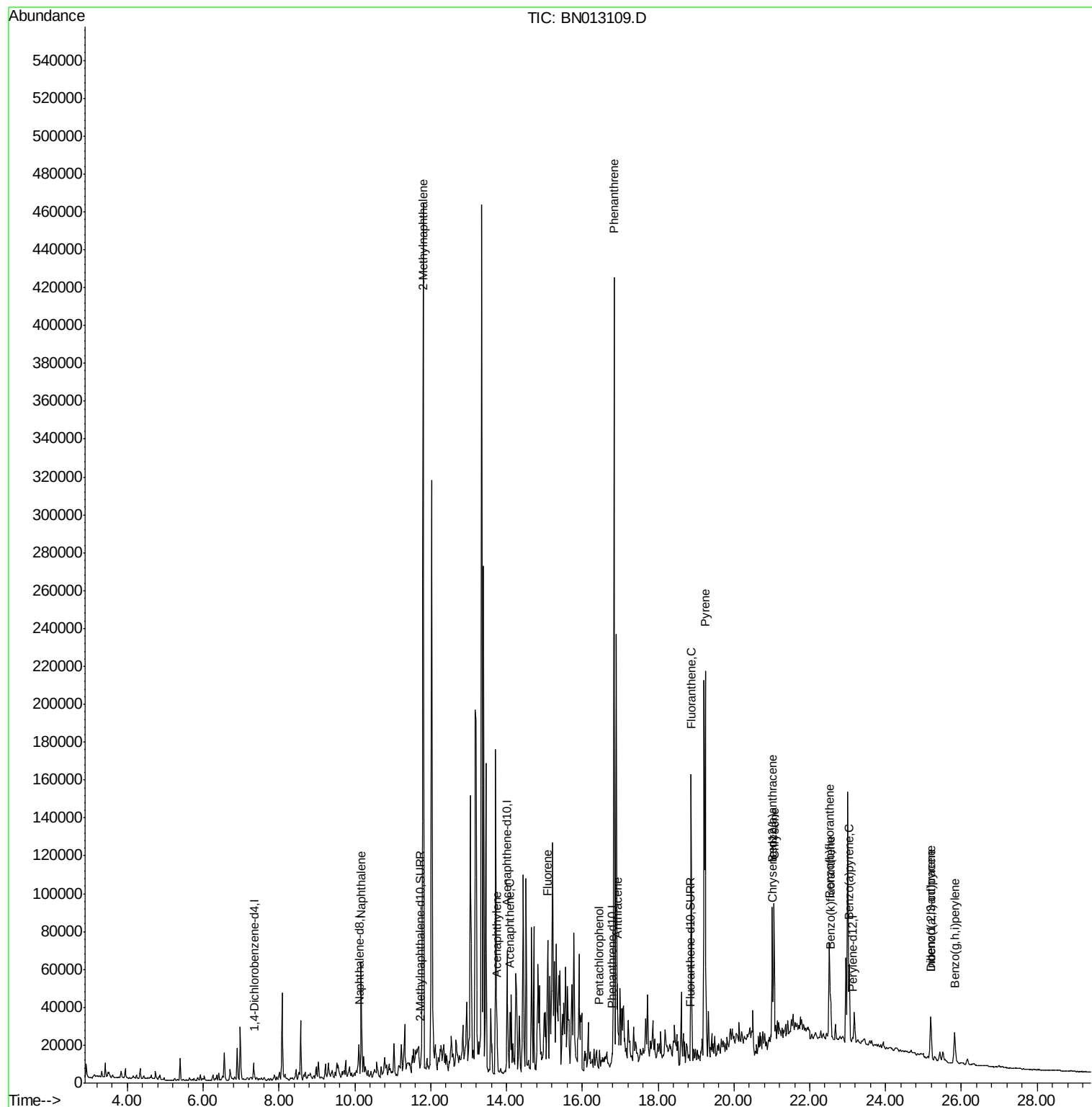
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
Data File : BN013109.D
Acq On : 14 Dec 2020 10:41
Operator : CG/JU
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ALS Vial : 4 Sample Multiplier: 1

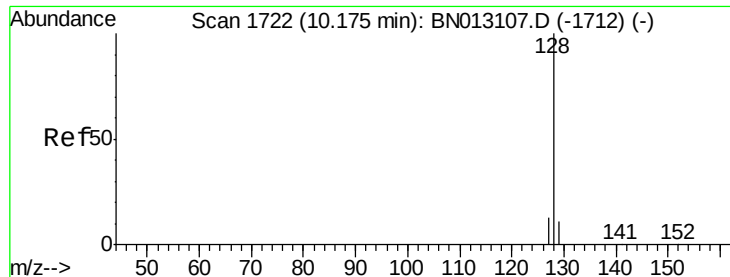
Instrument :
BNA_N
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Quant Time: Dec 14 11:18:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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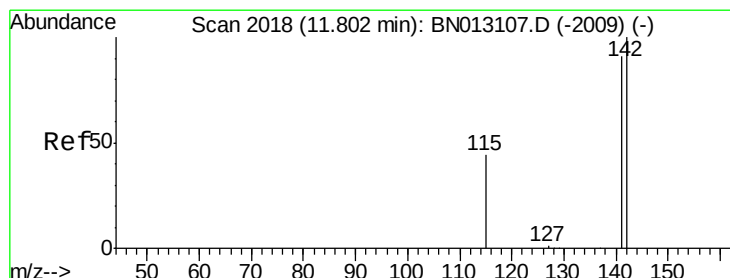
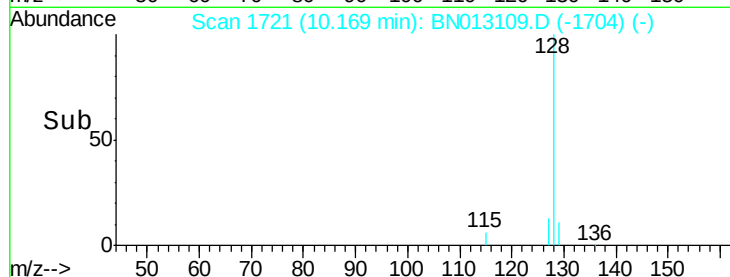
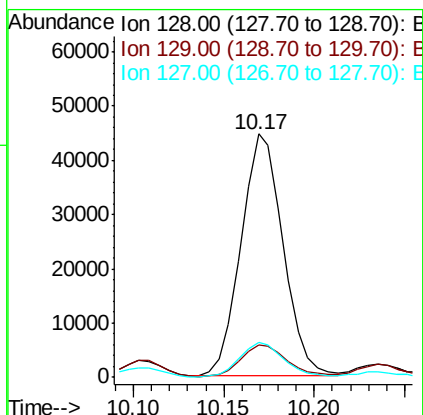
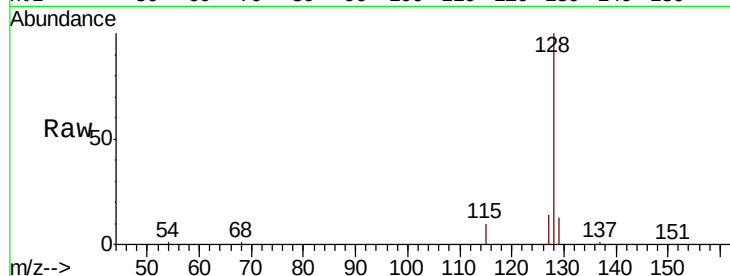
#3
Naphthalene
Concen: 5.258 ng/ul
RT: 10.17 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BN013109.D
Acq: 14 Dec 2020 10:41

Instrument :
BNA_N
ClientSampleId :
C0AD7RE

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.5	12.3	18.5
127	14.2	14.2	21.4

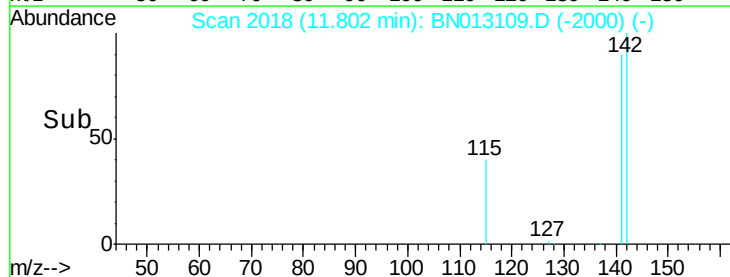
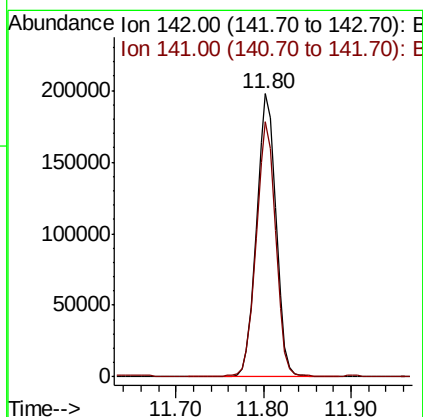
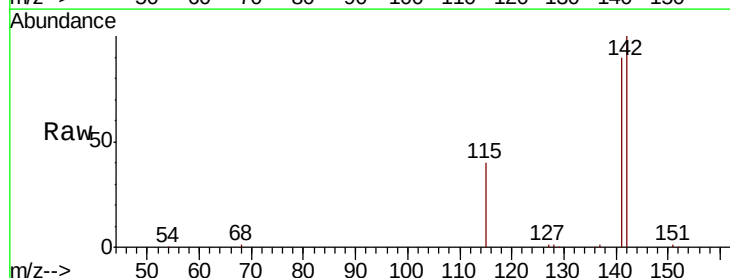
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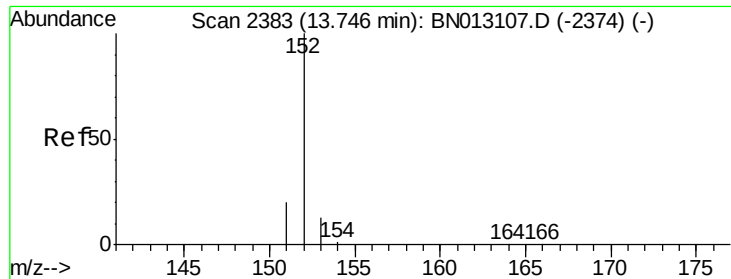
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#5
2-Methylnaphthalene
Concen: 34.044 ng/ul
RT: 11.80 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BN013109.D
Acq: 14 Dec 2020 10:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.0	109.6





#7

Acenaphthylene

Concen: 0.666 ng/ul

RT: 13.75 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BN013109.D

Acq: 14 Dec 2020 10:41

Instrument :

BNA_N

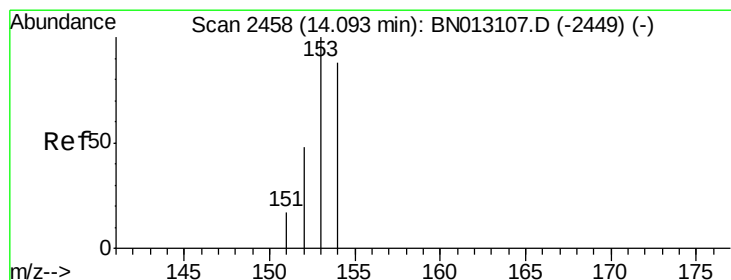
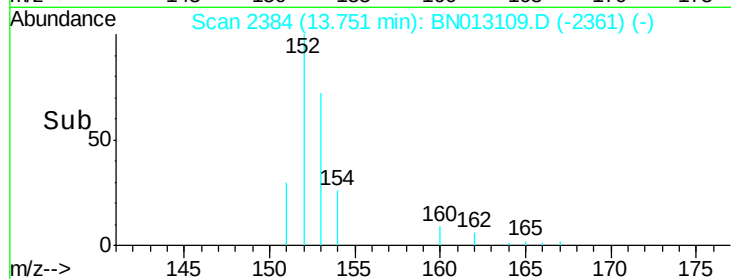
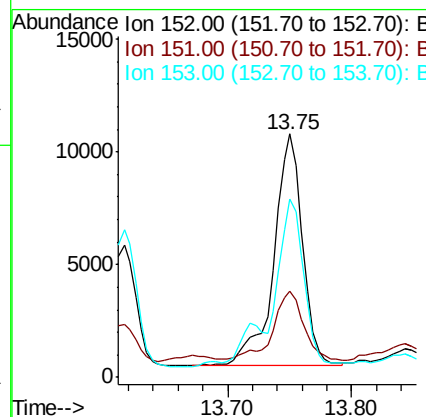
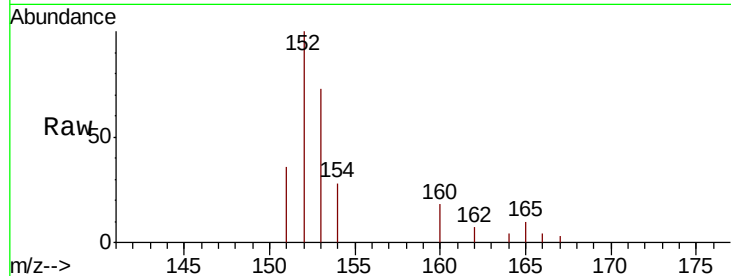
ClientSampleId :

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Tot Ion:	152	Resp:	16488
Ion Ratio	Lower	Upper	
152	100		
151	35.6	18.2	27.4#
153	73.2	13.1	19.7#

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#8

Acenaphthene

Concen: 0.842 ng/ul

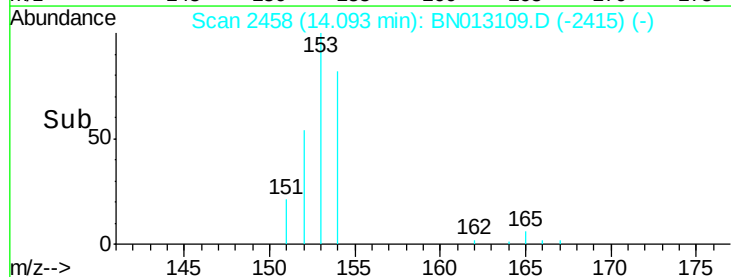
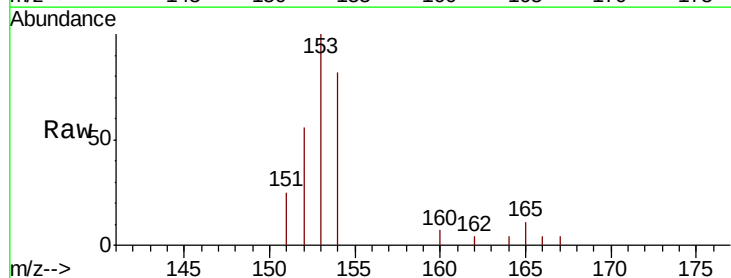
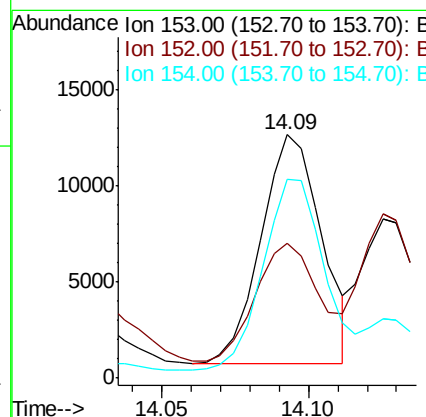
RT: 14.09 min Scan# 2458

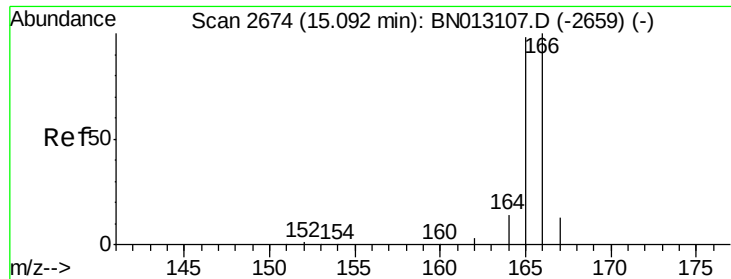
Delta R.T. 0.00 min

Lab File: BN013109.D

Acq: 14 Dec 2020 10:41

Tgt Ion:	153	Resp:	17102
Ion Ratio	Lower	Upper	
153	100		
152	55.6	40.7	61.1
154	81.7	70.8	106.2





#9

Fluorene

Concen: 1.182 ng/ul

RT: 15.10 min Scan# 2675

Delta R.T. 0.00 min

Lab File: BN013109.D

Acq: 14 Dec 2020 10:41

Instrument :

BNA_N

ClientSampleId :

C0AD7RE

Tot Ion:166 Resp: 27535

Ion Ratio Lower Upper

166 100

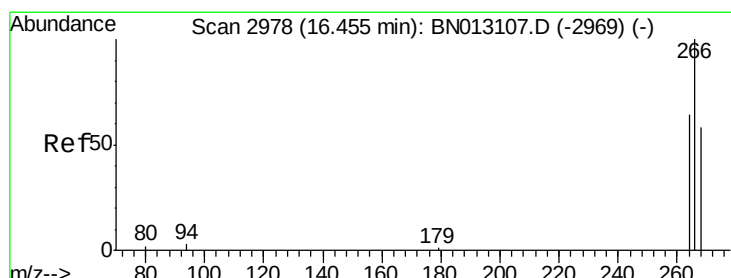
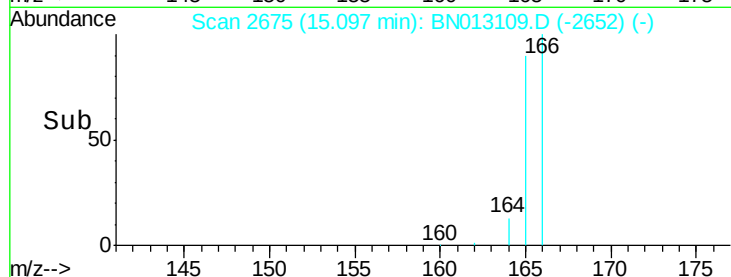
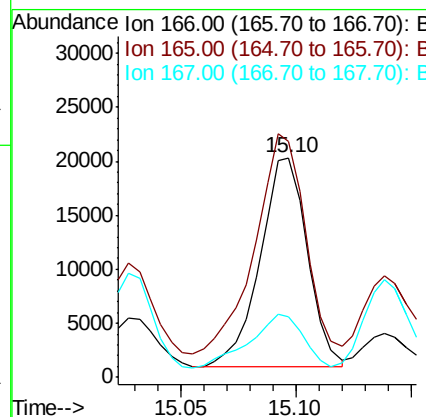
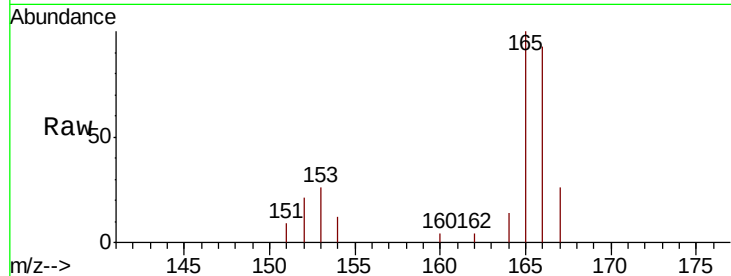
165 107.7 79.8 119.8

167 27.7 13.8 20.8#

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#11

Pentachlorophenol

Concen: 0.113 ng/ul

RT: 16.46 min Scan# 2980

Delta R.T. 0.01 min

Lab File: BN013109.D

Acq: 14 Dec 2020 10:41

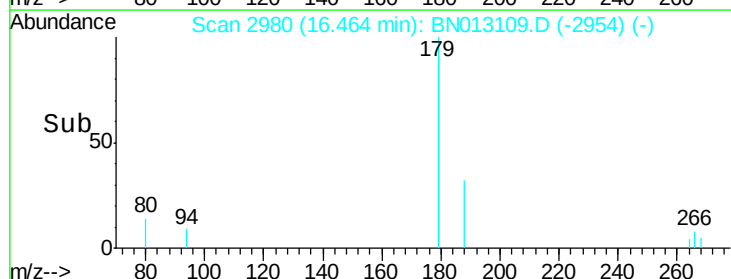
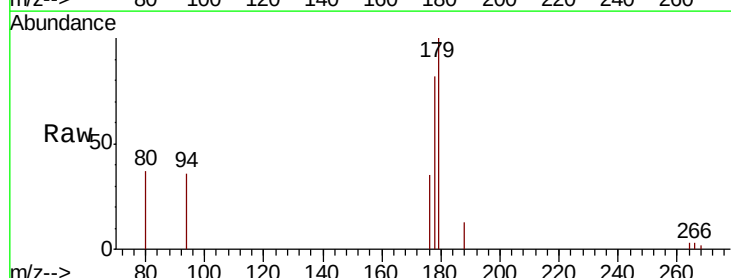
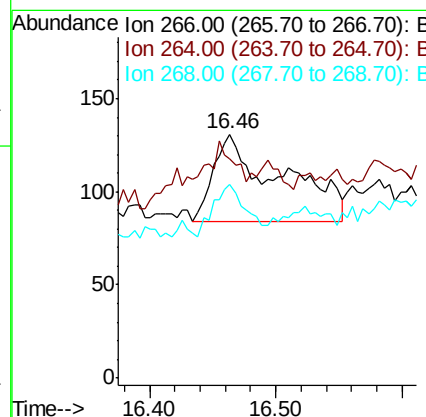
Tgt Ion:266 Resp: 174

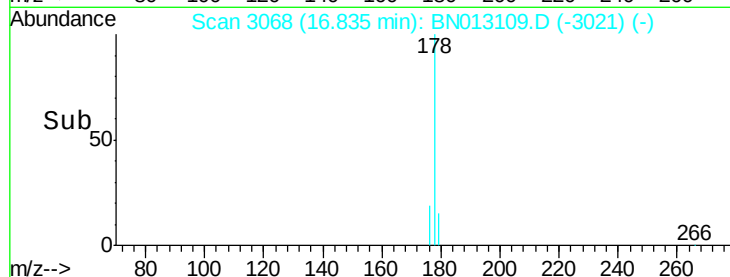
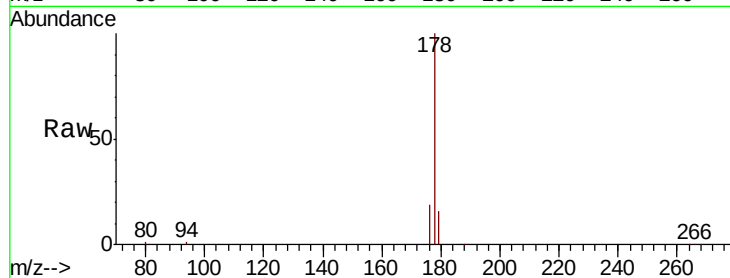
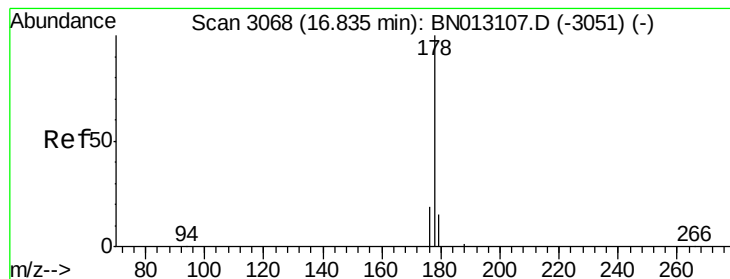
Ion Ratio Lower Upper

266 100

264 30.5 51.5 77.3#

268 29.3 56.0 84.0#





#12

Phenanthrene

Concen: 23.312 ng/ul

RT: 16.84 min Scan# 3068

Delta R.T. 0.00 min

Lab File: BN013109.D

Acq: 14 Dec 2020 10:41

Tot Ion:	178	Resp:	415427
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.6	20.4
176	19.4	16.4	24.6

Instrument :

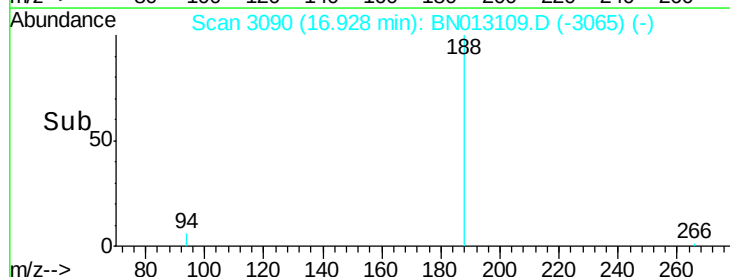
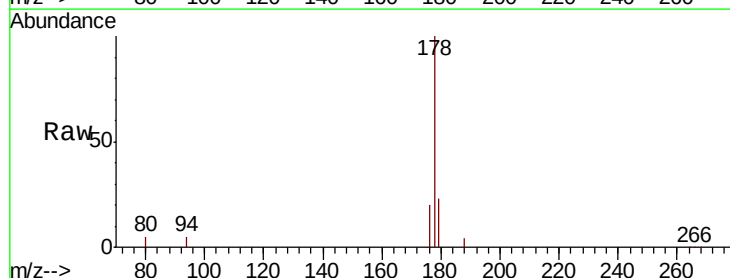
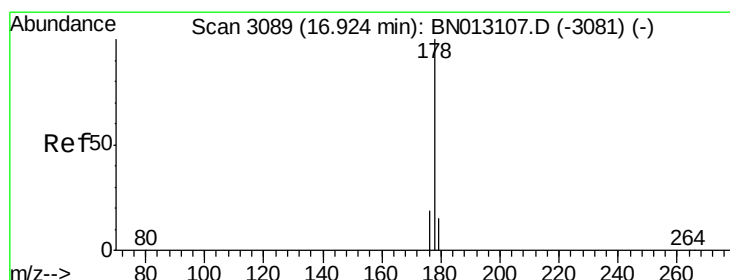
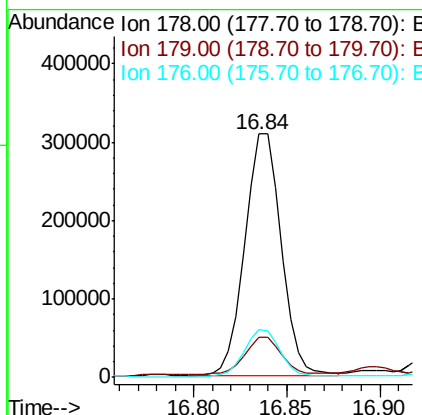
BNA_N

ClientSampleId :

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#13

Anthracene

Concen: 2.364 ng/ul

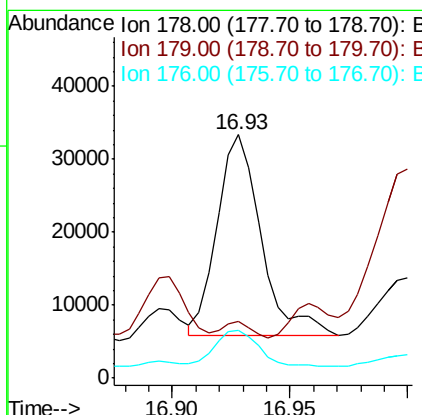
RT: 16.93 min Scan# 3090

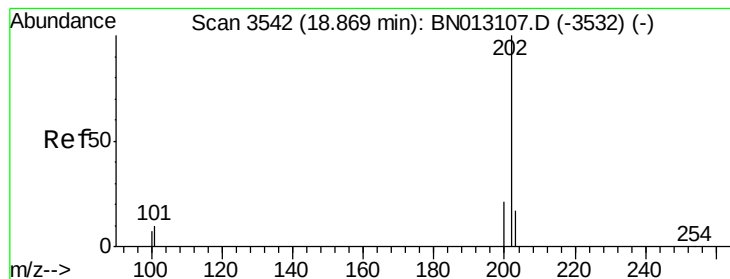
Delta R.T. 0.00 min

Lab File: BN013109.D

Acq: 14 Dec 2020 10:41

Tgt Ion:	178	Resp:	35860
Ion Ratio	Lower	Upper	
178	100		
179	23.1	14.6	21.8#
176	19.7	17.1	25.7





#15

Fluoranthene

Concen: 6.136 ng/ul

RT: 18.87 min Scan# 3543

Delta R.T. 0.00 min

Lab File: BN013109.D

Acq: 14 Dec 2020 10:41

Instrument :

BNA_N

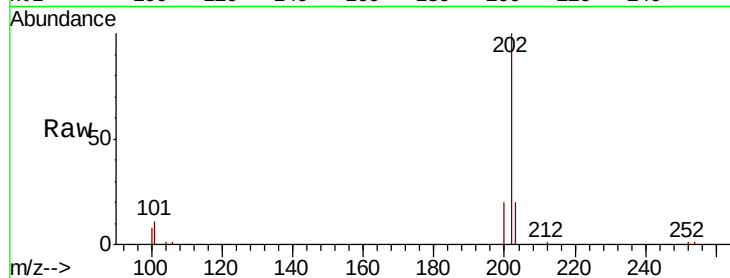
ClientSampleId :

C0AD7RE

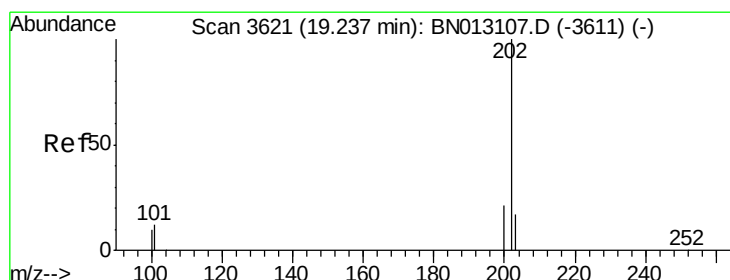
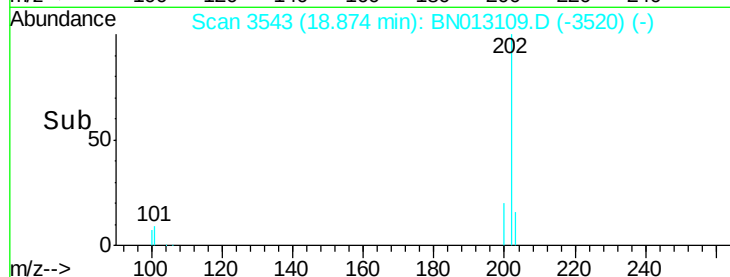
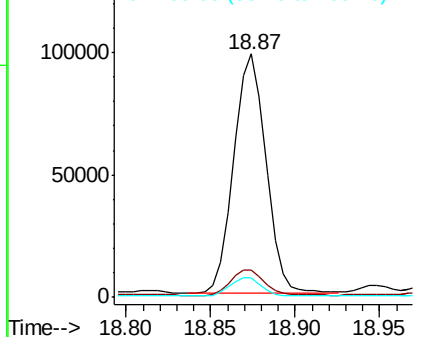
Tot Ion:	202	Resp:	129945
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.6
100	7.8	0.0	28.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 10.420 ng/ul

RT: 19.24 min Scan# 3622

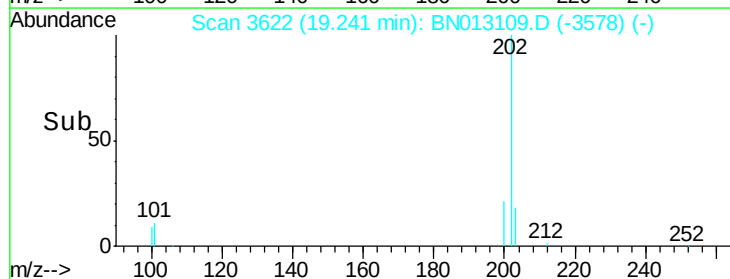
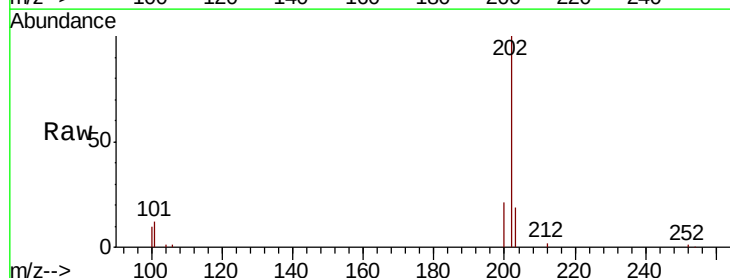
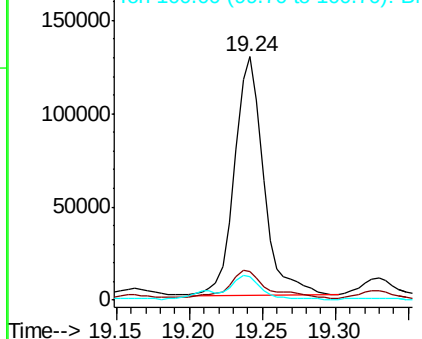
Delta R.T. 0.00 min

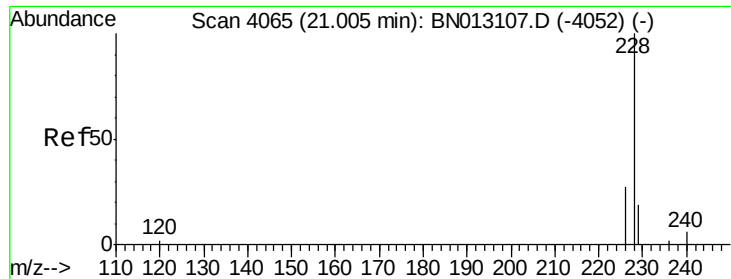
Lab File: BN013109.D

Acq: 14 Dec 2020 10:41

Tgt Ion:	202	Resp:	178320
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.1	13.7
100	9.6	7.5	11.3

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





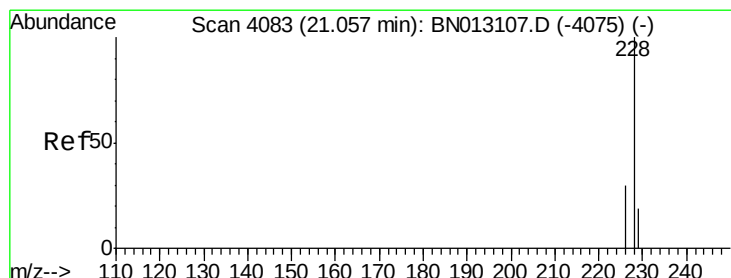
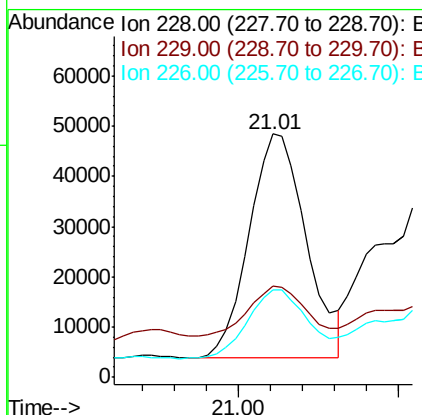
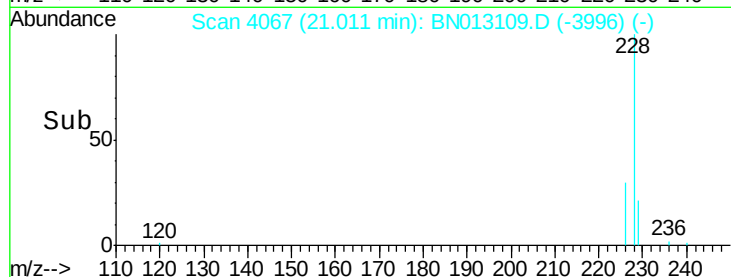
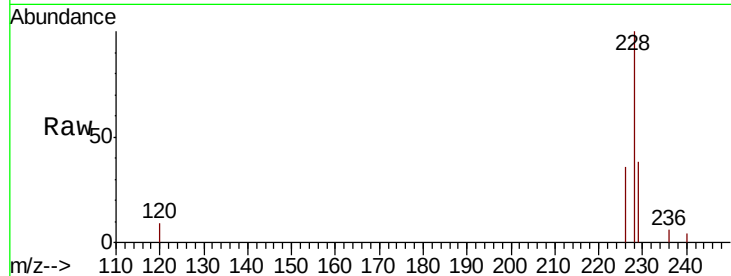
#18
Benzo(a)anthracene
Concen: 3.701 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. 0.01 min
Lab File: BN013109.D
Acq: 14 Dec 2020 10:41

Instrument :
BNA_N
ClientSampleId :
C0AD7RE

Tot Ion	Ratio	Lower	Upper
228	100		
229	37.6	16.3	24.5#
226	35.8	23.4	35.2#

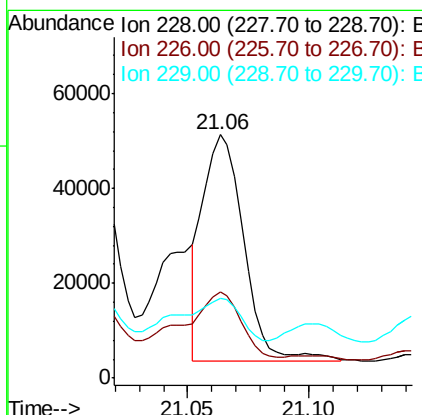
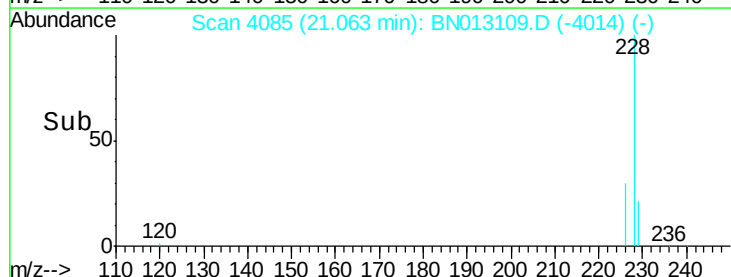
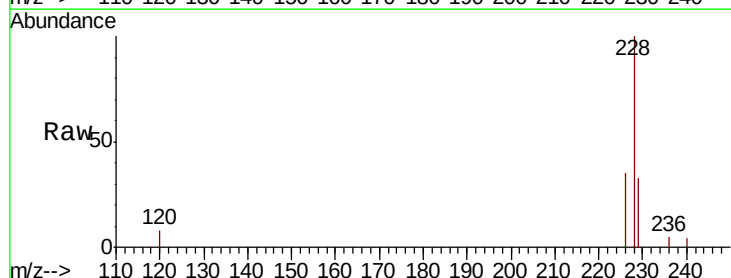
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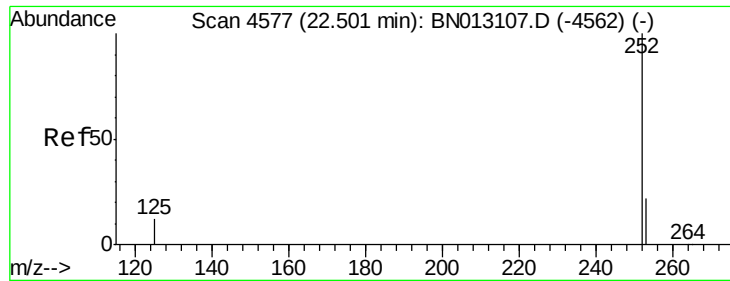
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#19
Chrysene
Concen: 3.393 ng/ul m
RT: 21.06 min Scan# 4085
Delta R.T. 0.01 min
Lab File: BN013109.D
Acq: 14 Dec 2020 10:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	25.0	37.6
229	32.9	16.4	24.6#





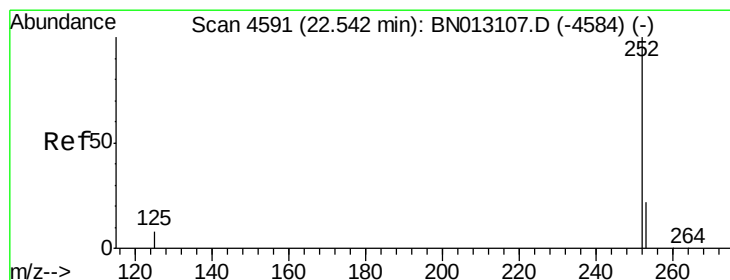
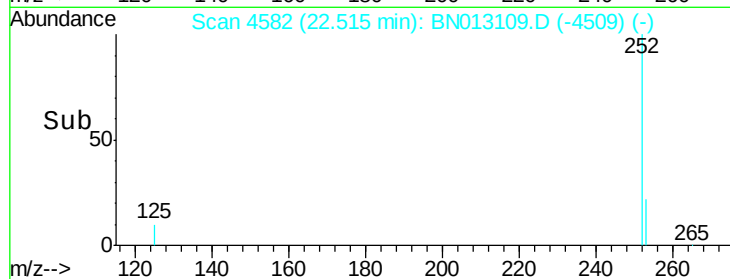
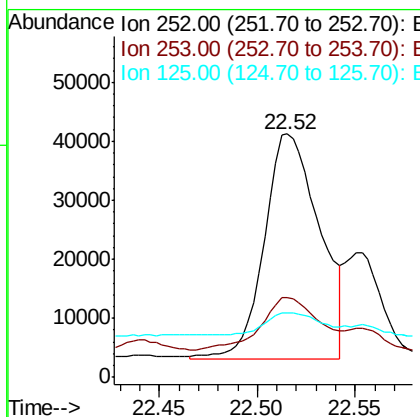
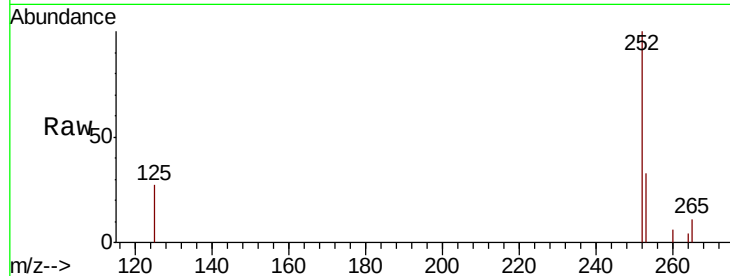
#21
Benzo(b)fluoranthene
Concen: 5.068 ng/ul m
RT: 22.52 min Scan# 4582
Delta R.T. 0.01 min
Lab File: BN013109.D
Acq: 14 Dec 2020 10:41

Instrument :
BNA_N
ClientSampleId :
C0AD7RE

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	32.6	0.0	59.6
125	26.7	0.0	26.0

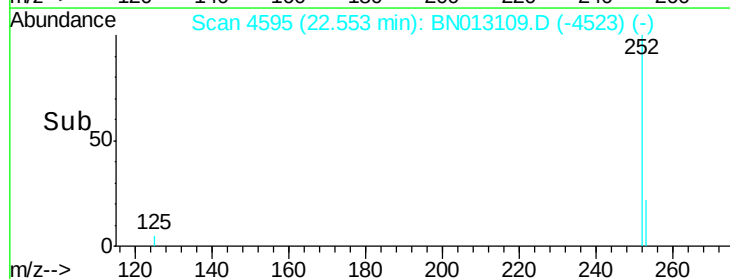
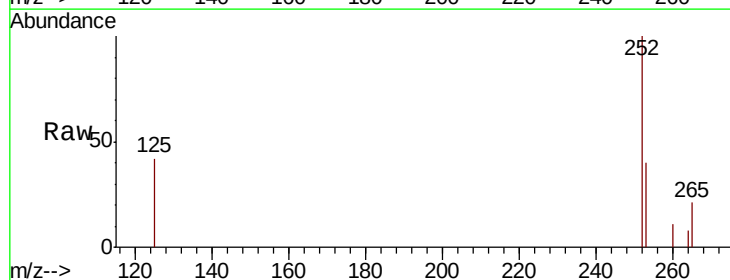
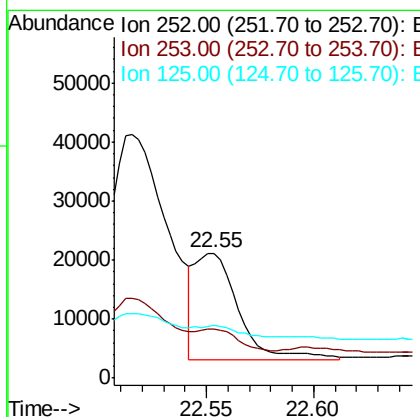
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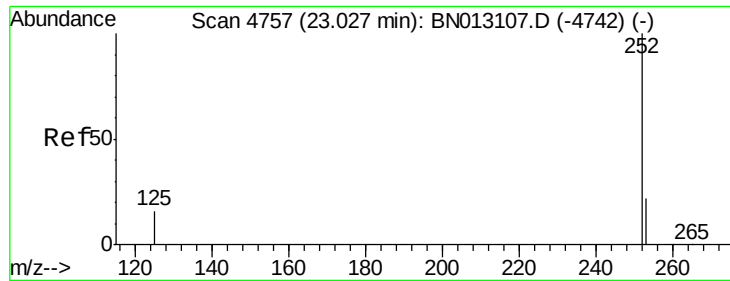
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#22
Benzo(k)fluoranthene
Concen: 1.568 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. 0.01 min
Lab File: BN013109.D
Acq: 14 Dec 2020 10:41

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	39.6	23.4	35.2
125	41.9	11.1	16.7





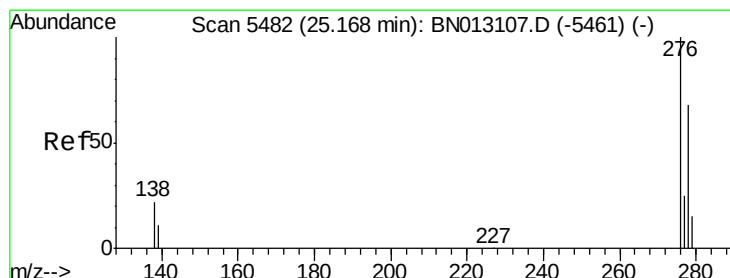
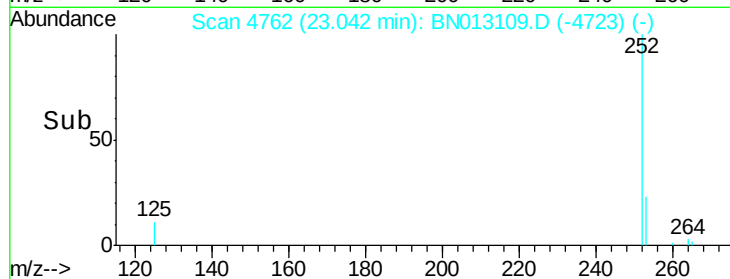
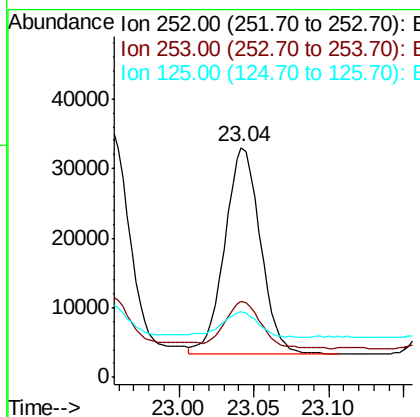
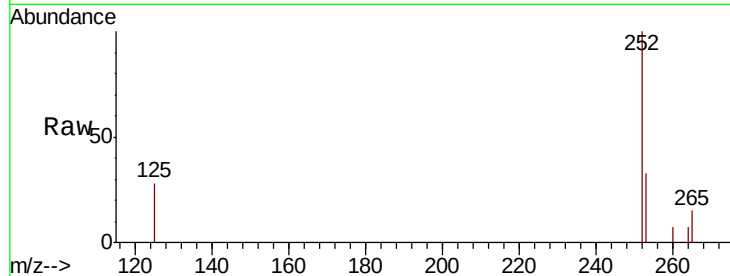
#23
Benzo(a)pyrene
Concen: 3.556 ng/ul
RT: 23.04 min Scan# 4762
Delta R.T. 0.01 min
Lab File: BN013109.D
Acq: 14 Dec 2020 10:41

Instrument :
BNA_N
ClientSampleId :
C0AD7RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.9	26.5	39.7
125	28.5	14.2	21.2

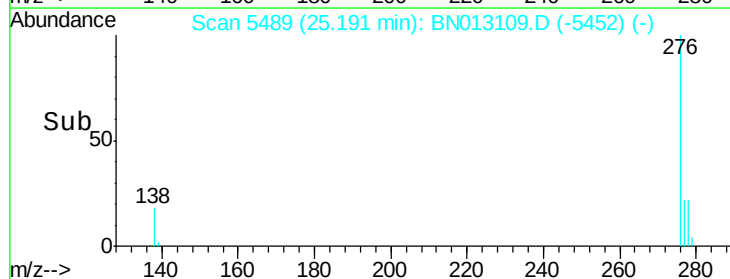
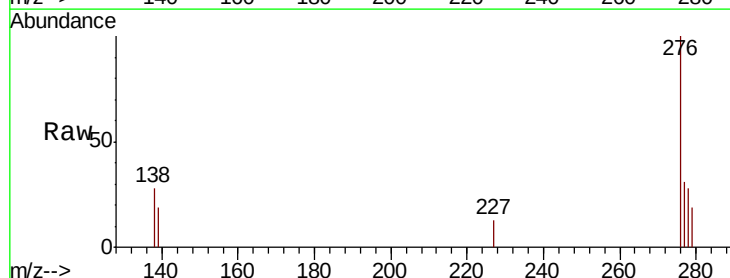
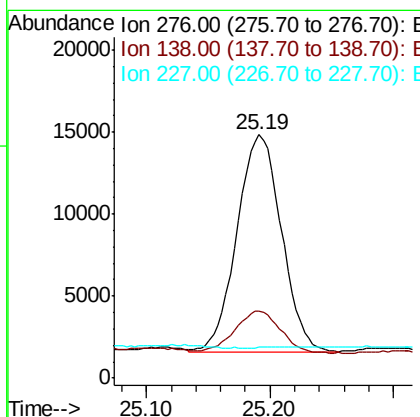
Manual Integrations
APPROVED

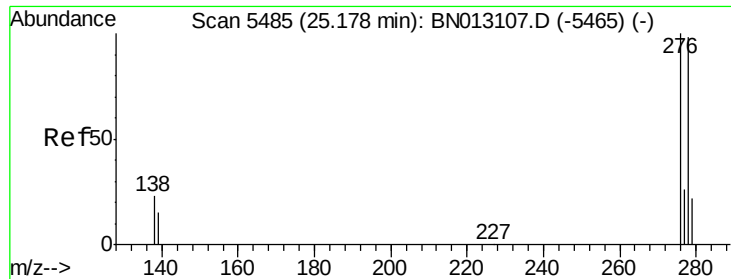
mohammad
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#24
Indeno(1,2,3-cd)pyrene
Concen: 1.832 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. 0.02 min
Lab File: BN013109.D
Acq: 14 Dec 2020 10:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.2	24.2
227	0.1	0.0	0.0





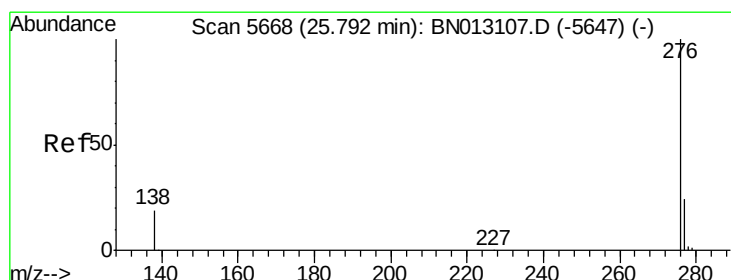
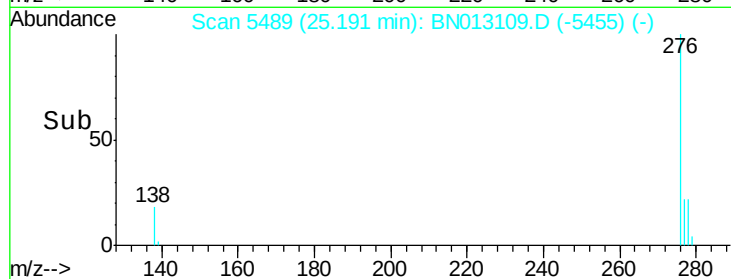
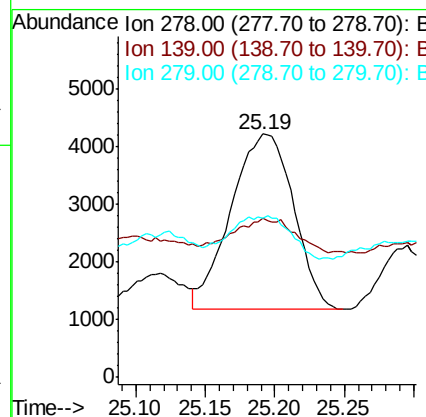
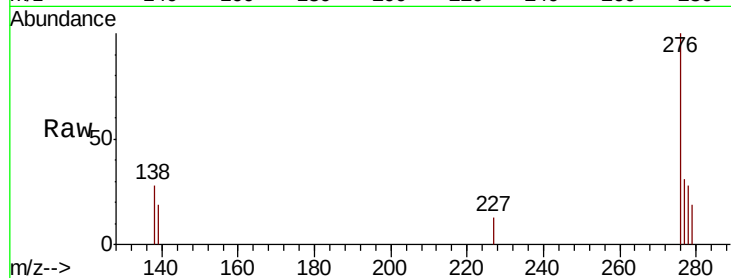
#25
Dibenzo(a,h)anthracene
Concen: 0.666 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. 0.01 min
Lab File: BN013109.D
Acq: 14 Dec 2020 10:41

Instrument :
BNA_N
ClientSampleId :
C0AD7RE

Tot Ion	Ratio	Lower	Upper
278	100		
139	65.5	14.5	21.7#
279	65.5	26.3	39.5#

Manual Integrations
APPROVED

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#26
Benzo(g,h,i)perylene
Concen: 1.901 ng/ul
RT: 25.82 min Scan# 5677
Delta R.T. 0.03 min
Lab File: BN013109.D
Acq: 14 Dec 2020 10:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	16.3	24.5#
277	32.2	21.8	32.6

