

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009223.D
 Acq On : 28 Dec 2019 12:07
 Operator : JU
 Sample : K6278-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C53

Manual Integrations
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 12/29/2019 5:32:08 PM

Quant Time: Dec 29 04:13:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 03:34:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1876	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	6780	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	3862	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	7649	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	6171	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	6291	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1534	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	3726	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	14398	0.700	ng/ul	100
5) 2-Methylnaphthalene	11.93	142	9043	0.582	ng/ul	99
7) Acenaphthylene	13.86	152	7639	0.377	ng/ul	98
8) Acenaphthene	14.20	153	792	0.050	ng/ul	95
9) Fluorene	15.19	166	1971	0.105	ng/ul#	93
11) Pentachlorophenol	16.55	266	51	0.025	ng/ul#	90
12) Phenanthrene	16.93	178	58671	2.206	ng/ul	100
13) Anthracene	17.02	178	11528	0.483	ng/ul	99
15) Fluoranthene	18.95	202	143171	4.706	ng/ul	99
17) Pyrene	19.32	202	113252	3.597	ng/ul	99
18) Benzo(a)anthracene	21.07	228	62950	2.297	ng/ul	97
19) Chrysene	21.12	228	70156	2.548	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	94641m	3.222	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	33412m	1.128	ng/ul	
23) Benzo(a)pyrene	23.12	252	55425	2.153	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.30	276	42152	1.504	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.31	278	10762	0.482	ng/ul#	91
26) Benzo(g,h,i)perylene	25.93	276	32460	1.374	ng/ul	98

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

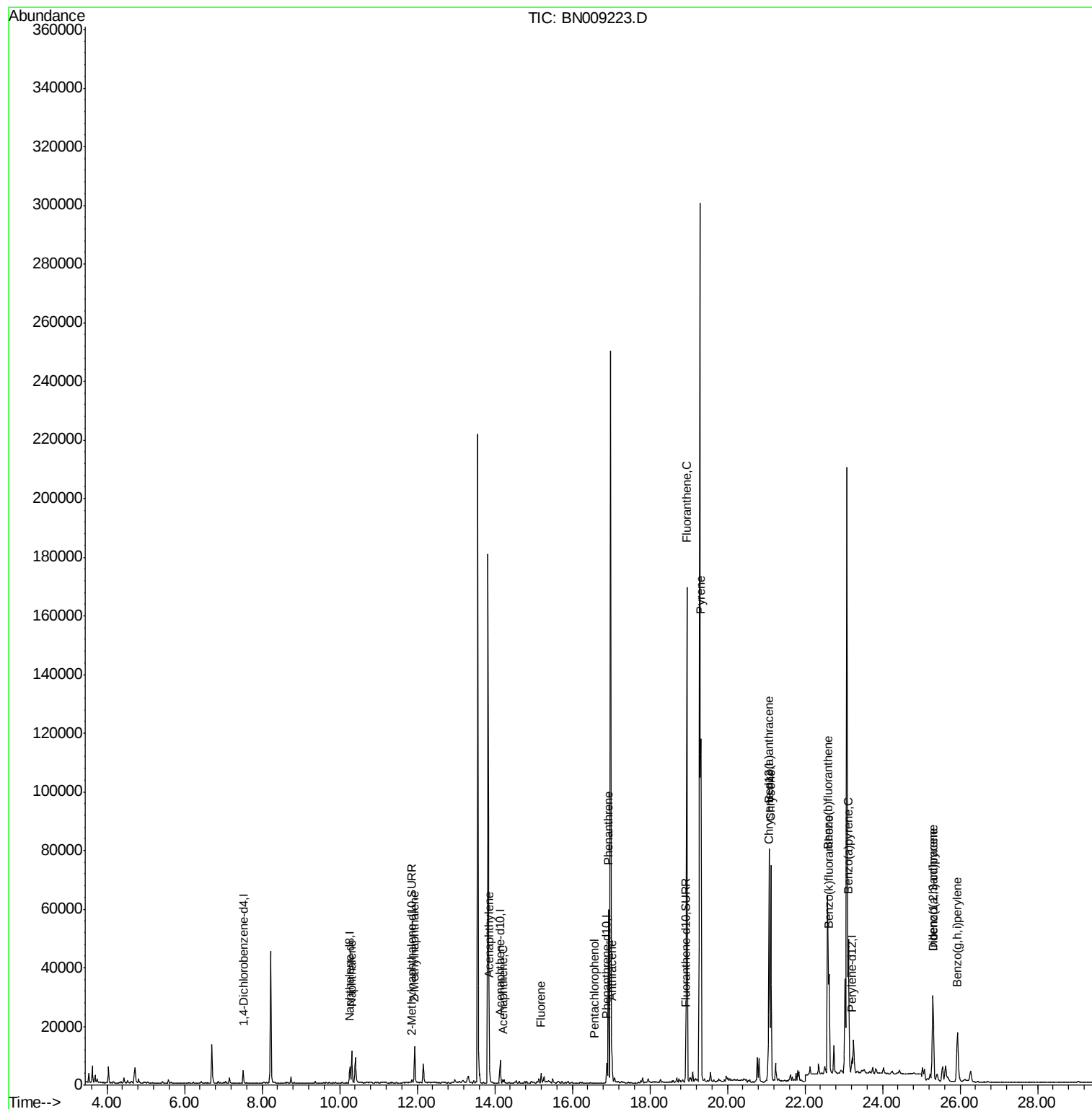
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009223.D
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ALS Vial : 7 Sample Multiplier: 1

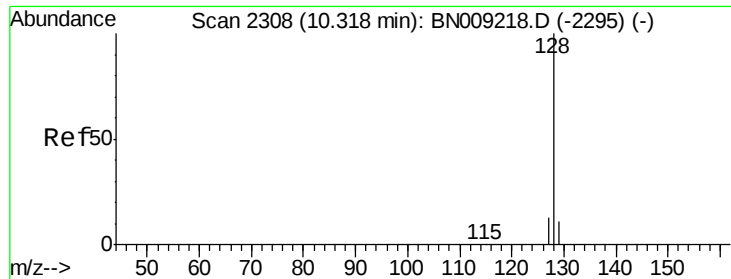
Instrument :
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#3

Naphthalene

Concen: 0.700 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Instrument :

BNA_N

ClientSampleId :

C0C53

Tot Ion:128 Resp: 14398

Ion Ratio Lower Upper

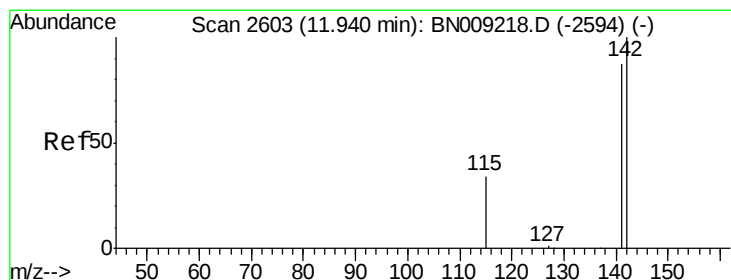
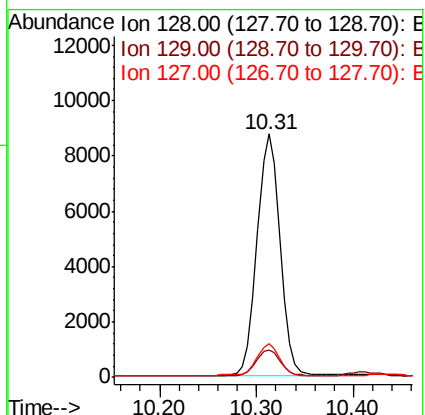
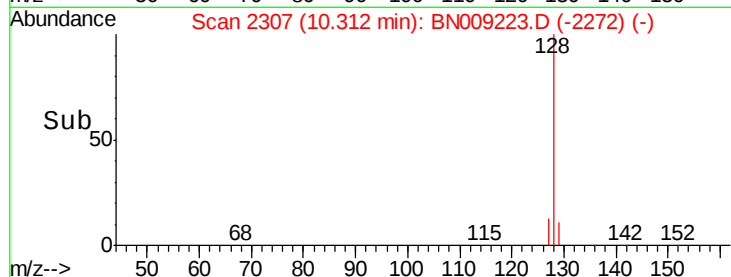
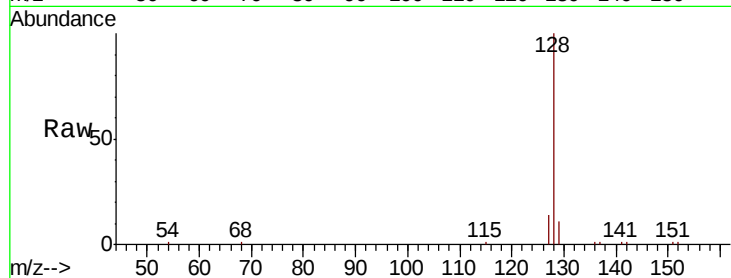
128 100

129 11.4 9.0 13.4

127 13.7 10.9 16.3

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#5

2-Methylnaphthalene

Concen: 0.582 ng/ul

RT: 11.93 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BN009223.D

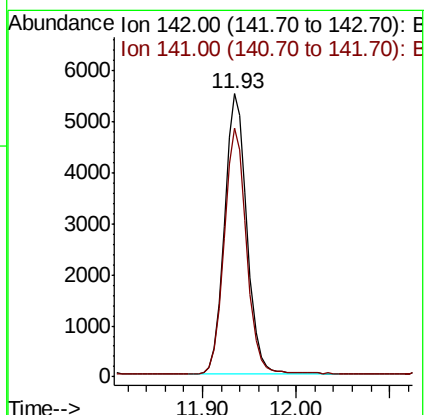
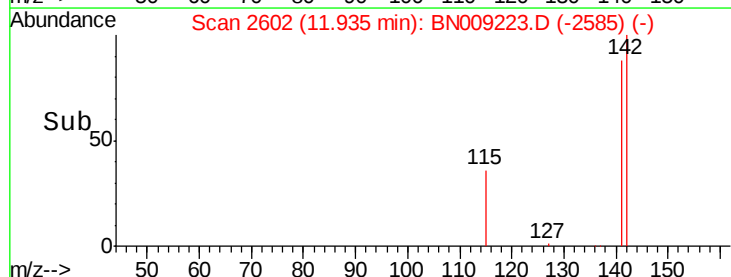
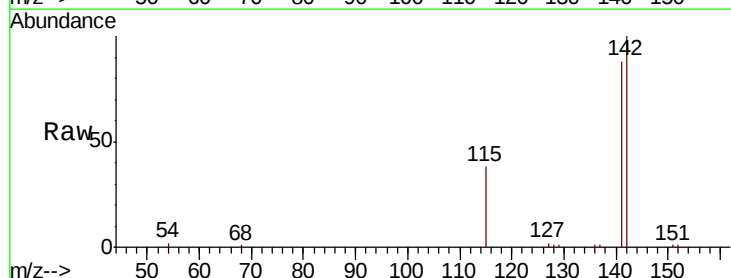
Acq: 28 Dec 2019 12:07

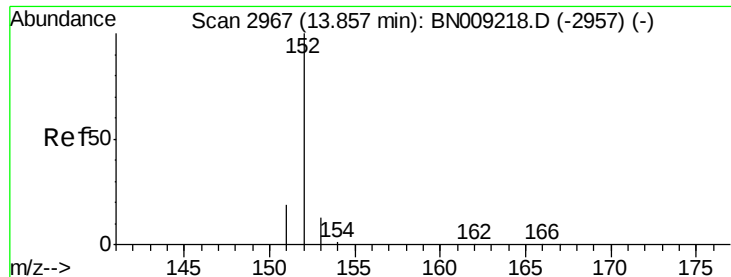
Tgt Ion:142 Resp: 9043

Ion Ratio Lower Upper

142 100

141 87.3 70.2 105.4





#7

Acenaphthylene

Concen: 0.377 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. 0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Instrument :

BNA_N

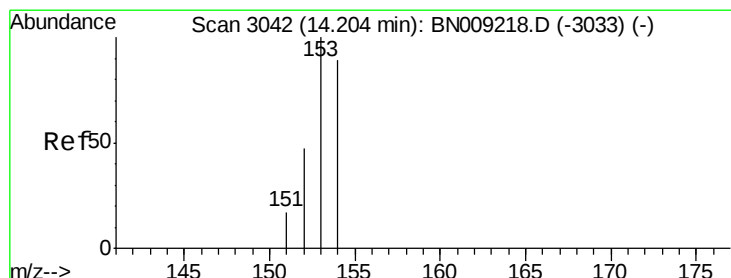
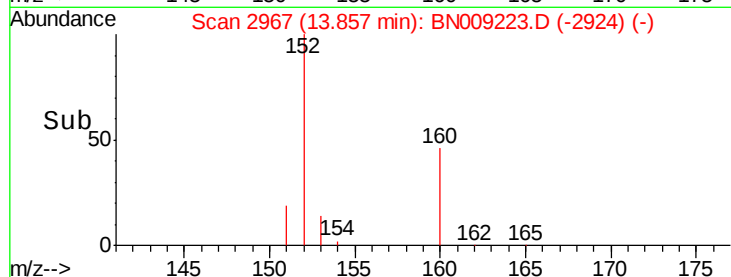
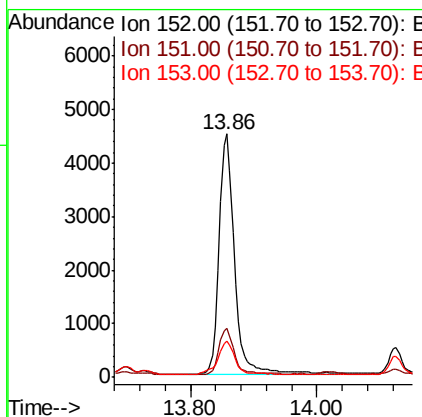
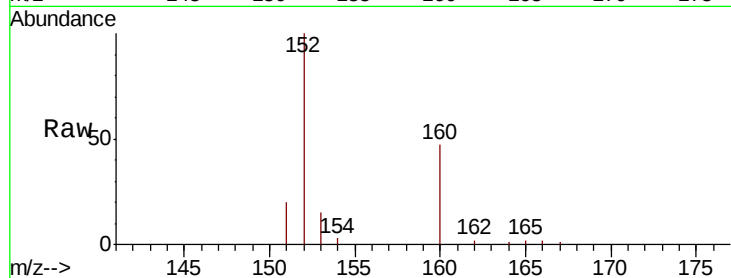
ClientSampleId :

C0C53

Tot Ion:	152	Resp:	7639
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.7	23.5
153	14.7	10.8	16.2

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#8

Acenaphthene

Concen: 0.050 ng/ul

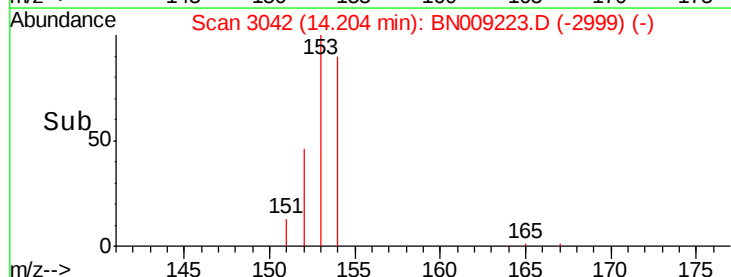
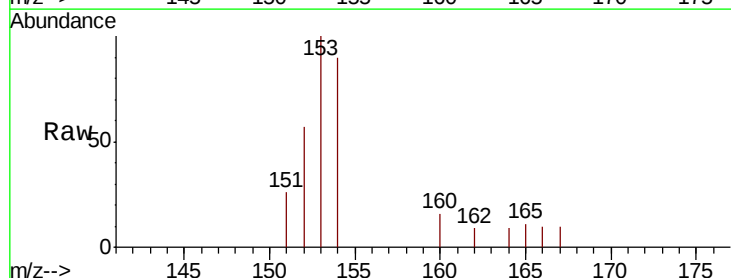
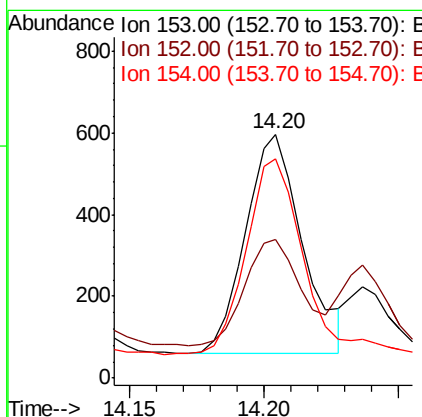
RT: 14.20 min Scan# 3042

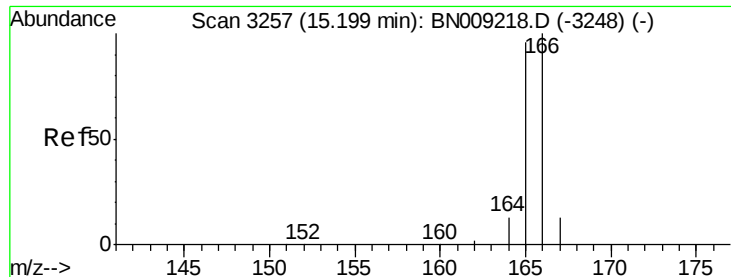
Delta R.T. 0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Tgt Ion:	153	Resp:	792
Ion Ratio	Lower	Upper	
153	100		
152	56.7	39.5	59.3
154	90.3	71.3	106.9





#9

Fluorene

Concen: 0.105 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Instrument :

BNA_N

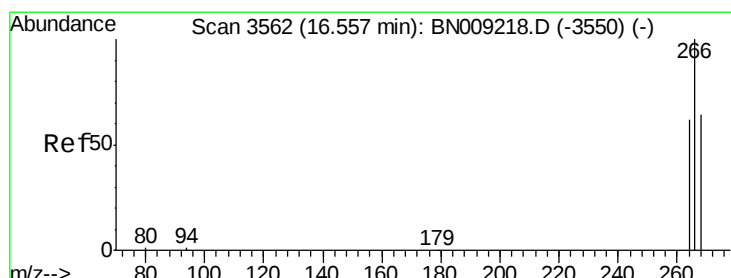
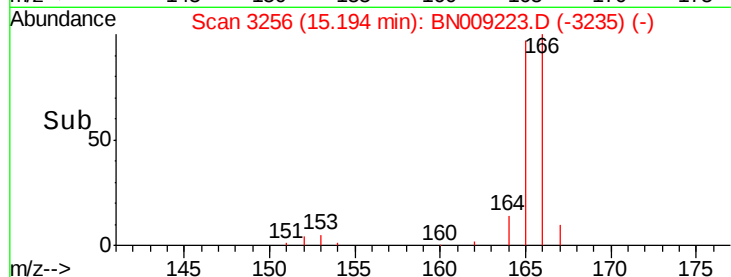
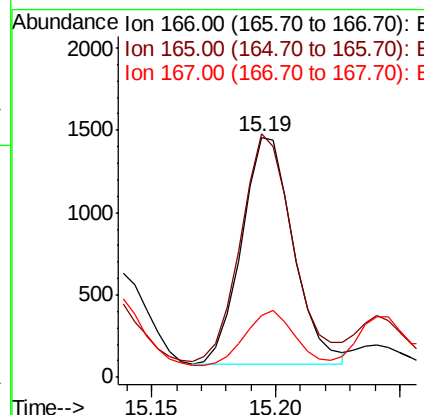
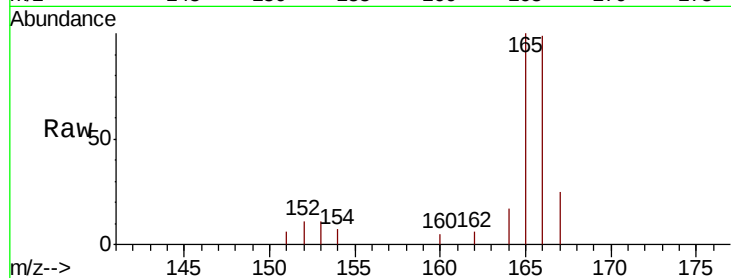
ClientSampleId :

C0C53

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.2	117.4
167	25.6	11.0	16.6

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#11

Pentachlorophenol

Concen: 0.025 ng/ul

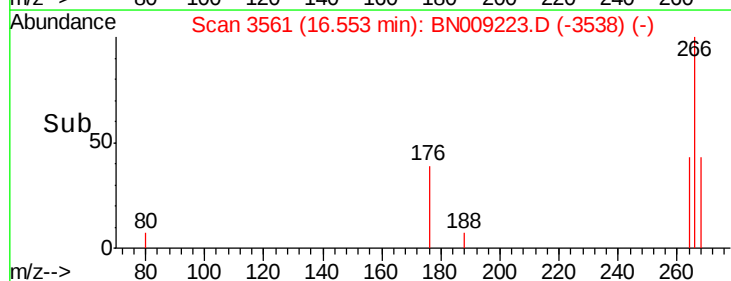
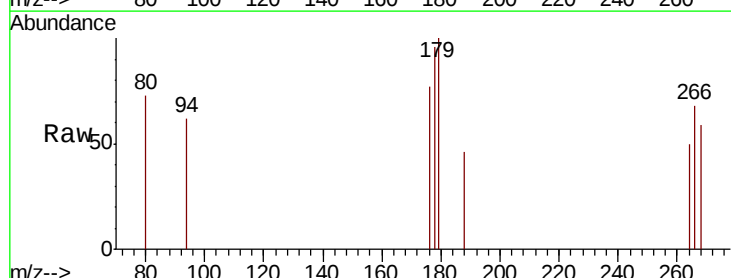
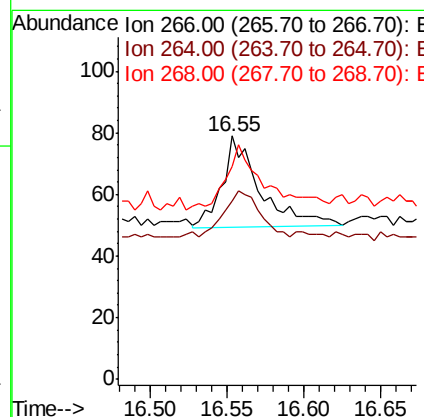
RT: 16.55 min Scan# 3561

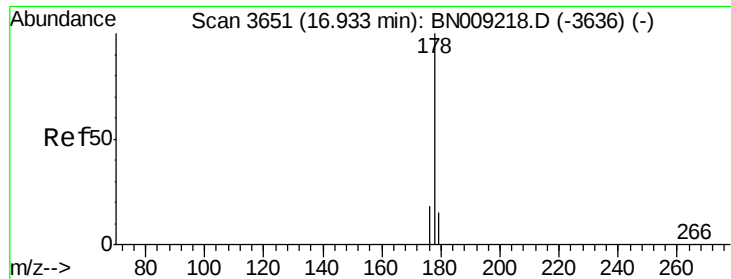
Delta R.T. -0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
266	100		
264	49.0	49.9	74.9
268	62.7	52.1	78.1





#12

Phenanthrene

Concen: 2.206 ng/ul

RT: 16.93 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Instrument :

BNA_N

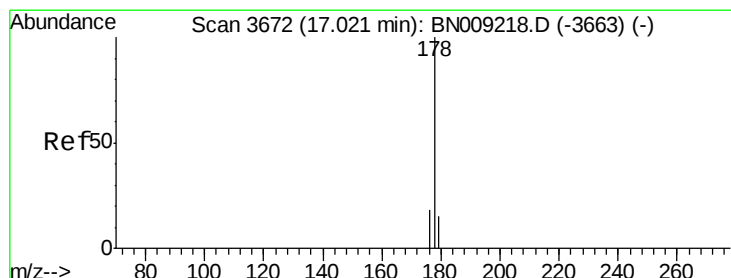
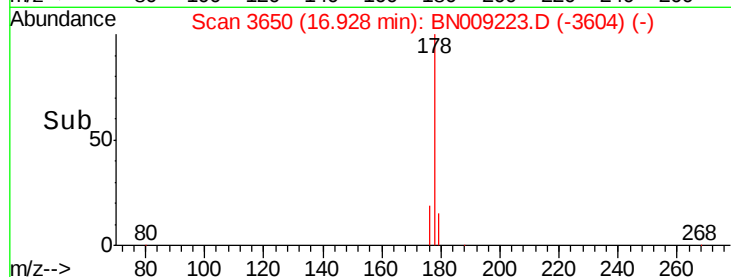
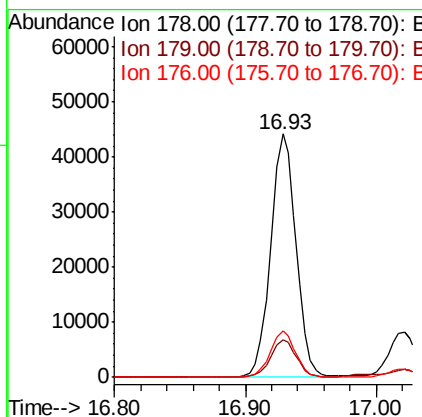
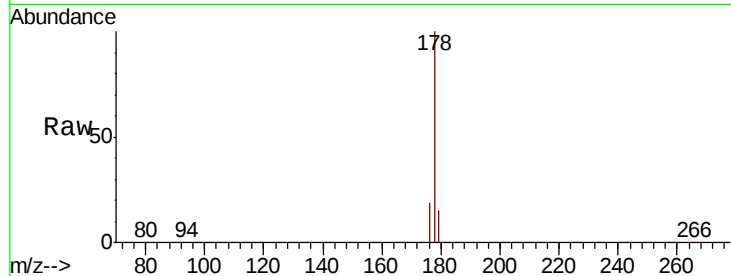
ClientSampleId :

C0C53

Tot Ion:178	Resp:	58671
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.3 18.5
176	18.9	15.1 22.7

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#13

Anthracene

Concen: 0.483 ng/ul

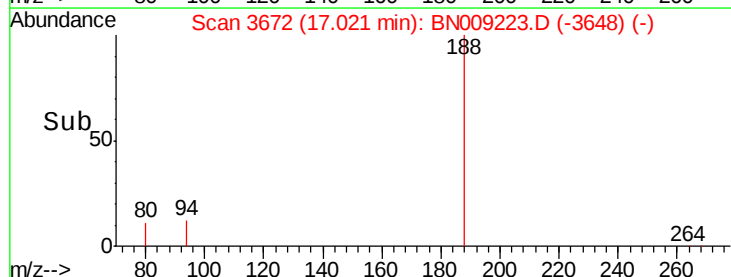
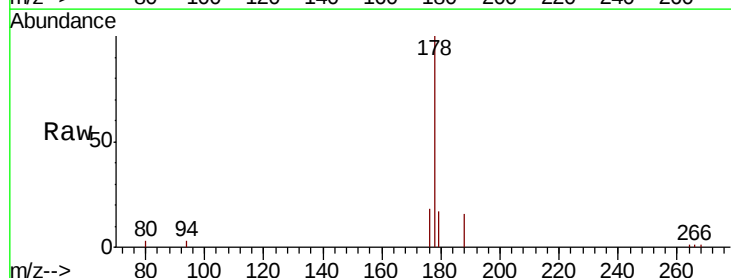
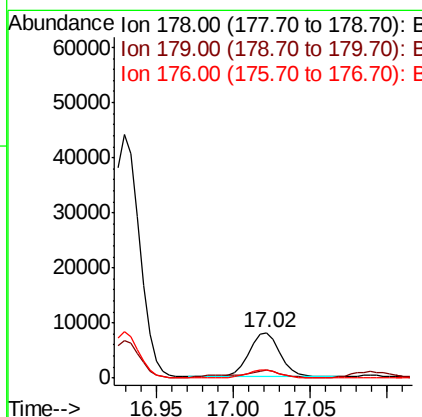
RT: 17.02 min Scan# 3672

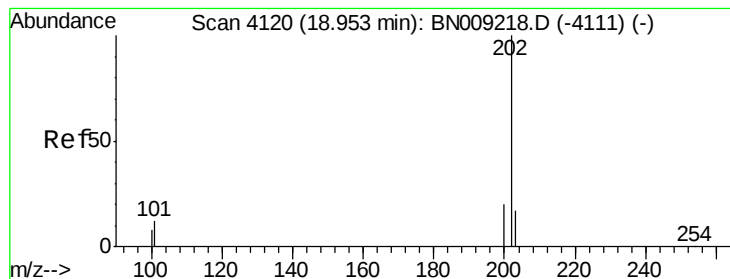
Delta R.T. 0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Tgt Ion:178	Resp:	11528
Ion Ratio	Lower	Upper
178	100	
179	16.6	12.5 18.7
176	18.5	14.9 22.3





#15

Fluoranthene

Concen: 4.706 ng/ul

RT: 18.95 min Scan# 4120

Delta R.T. 0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Instrument :

BNA_N

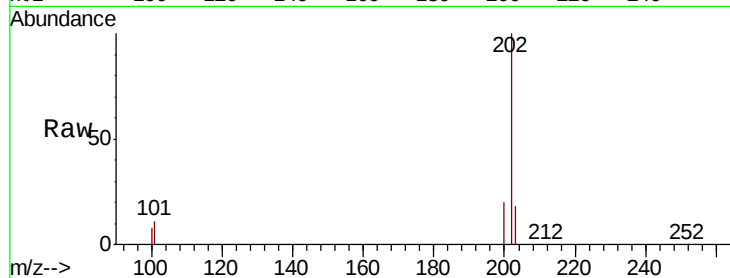
ClientSampleId :

C0C53

Tot Ion:	202	Resp:	143171
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.5
100	8.3	0.0	28.9

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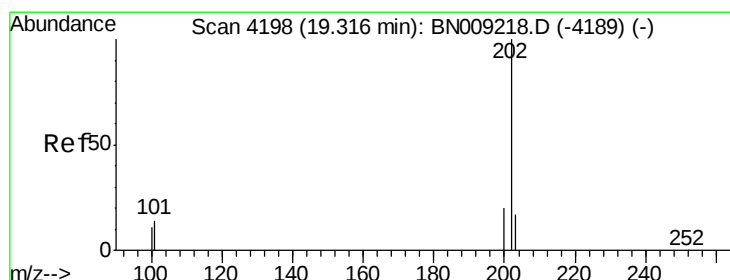
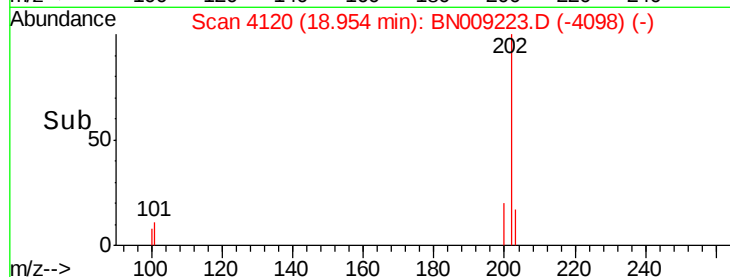
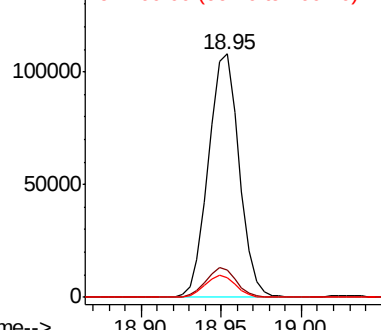


Abundance

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: 3.597 ng/ul

RT: 19.32 min Scan# 4198

Delta R.T. 0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

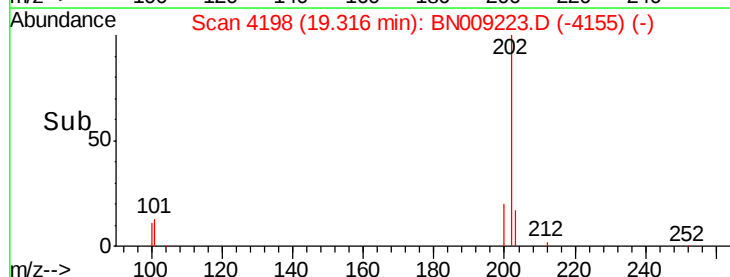
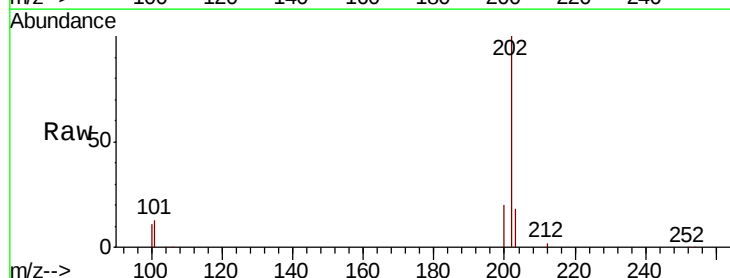
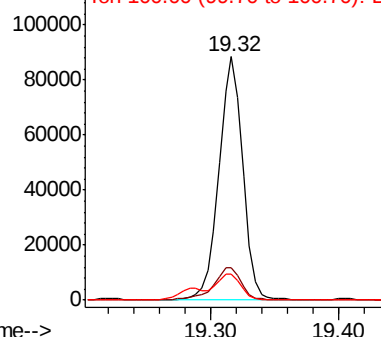
Tgt Ion:	202	Resp:	113252
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.9	16.3
100	10.8	9.0	13.6

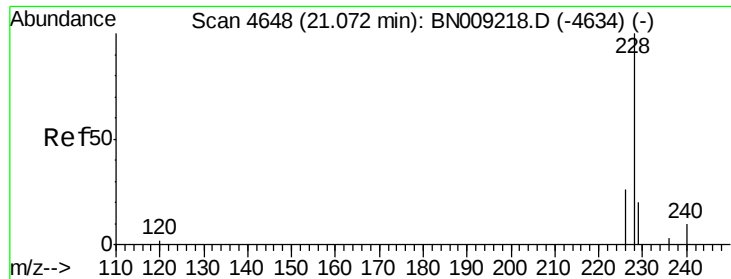
Abundance

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: 2.297 ng/ul

RT: 21.07 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Instrument :

BNA_N

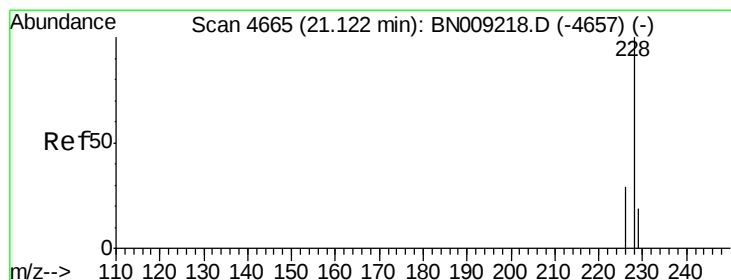
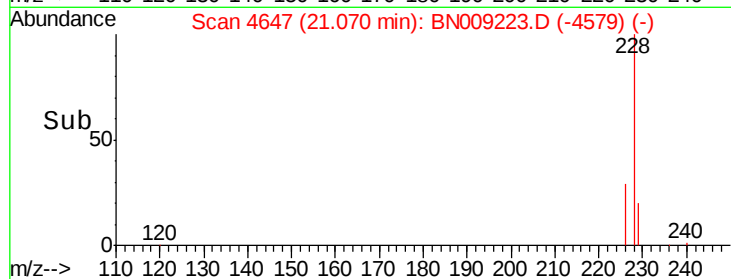
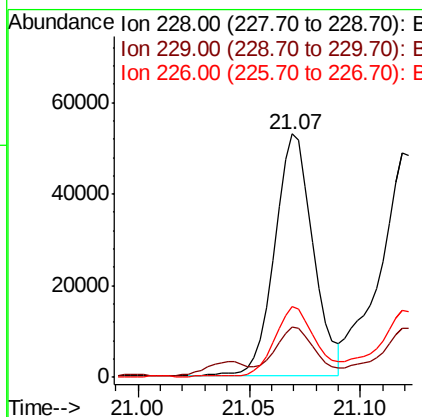
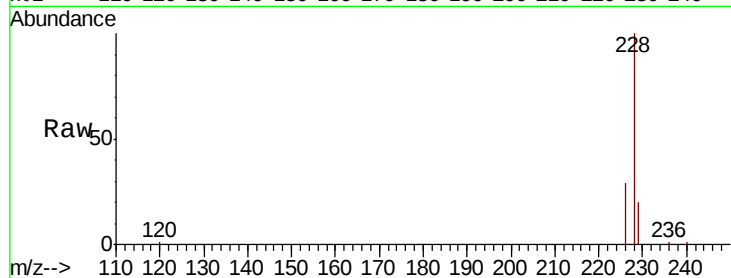
ClientSampleId :

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Tot Ion:228	Resp:	62950
Ion Ratio	Lower	Upper
228 100		
229 20.5	15.5	23.3
226 28.8	21.7	32.5

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#19

Chrysene

Concen: 2.548 ng/ul

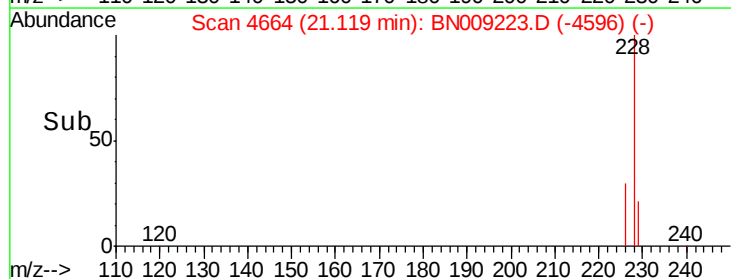
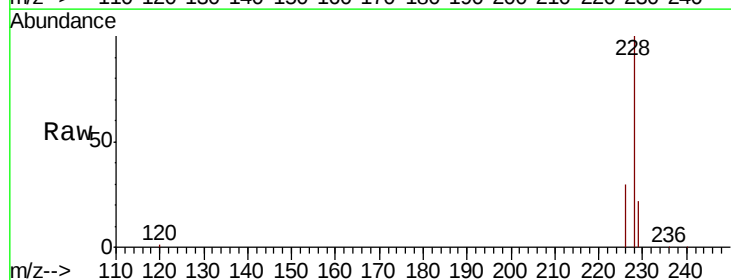
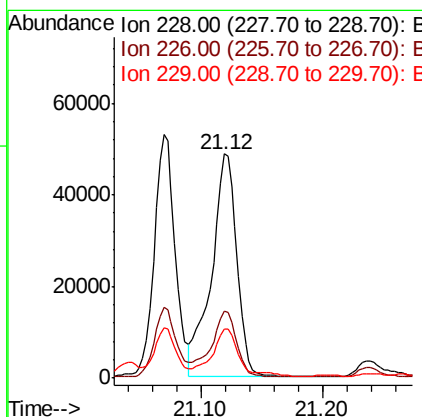
RT: 21.12 min Scan# 4664

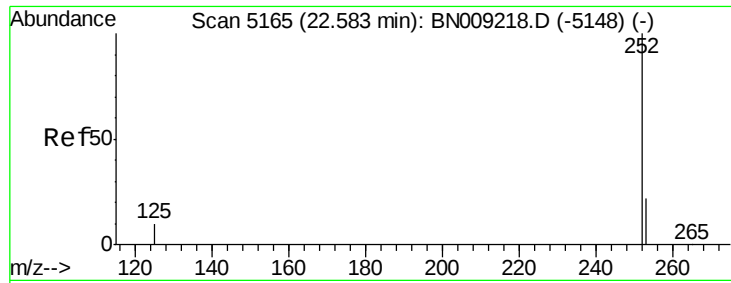
Delta R.T. -0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Tgt Ion:228	Resp:	70156
Ion Ratio	Lower	Upper
228 100		
226 30.1	23.7	35.5
229 21.9	15.4	23.0





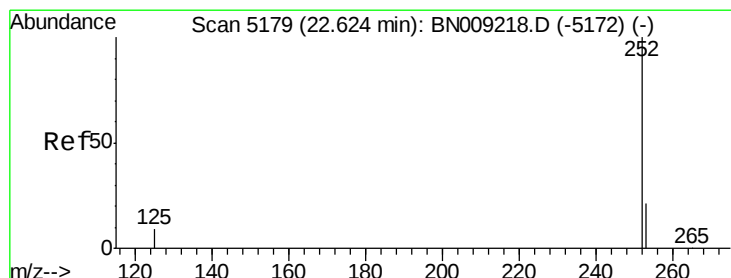
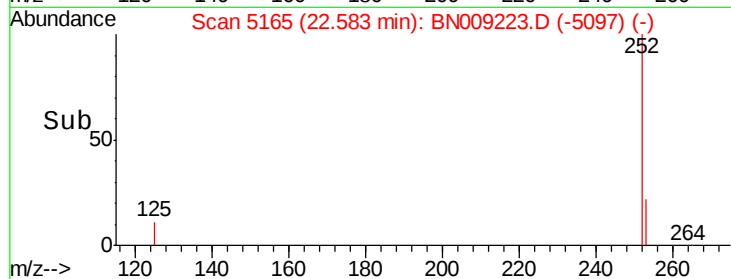
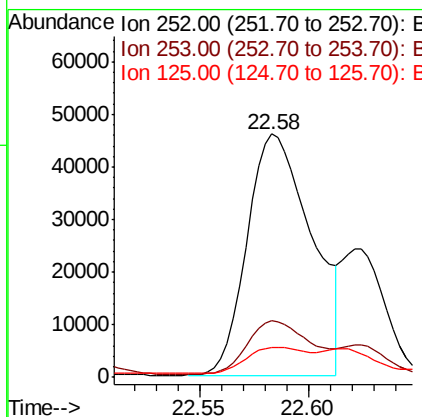
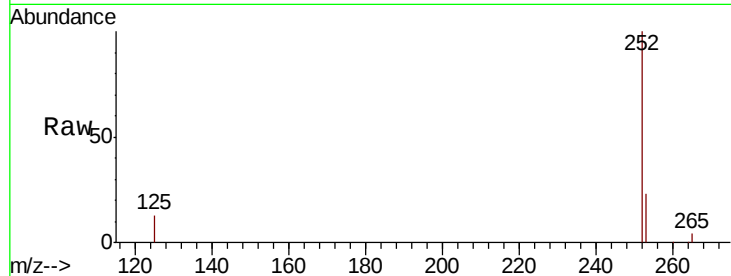
#21
Benzo(b)fluoranthene
Concen: 3.222 ng/ul m
RT: 22.58 min Scan# 5165
Delta R.T. 0.00 min
Lab File: BN009223.D
Acq: 28 Dec 2019 12:07

Instrument :
BNA_N
ClientSampleId :
C0C53

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	48.2
125	12.5	0.0	30.0

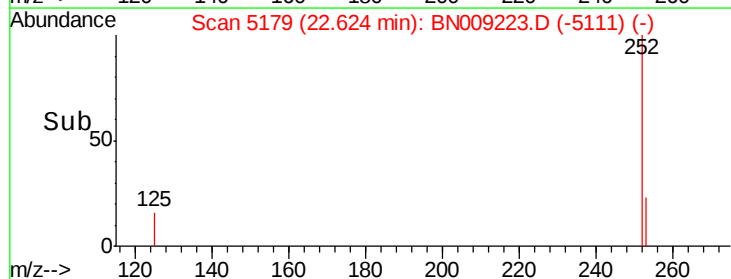
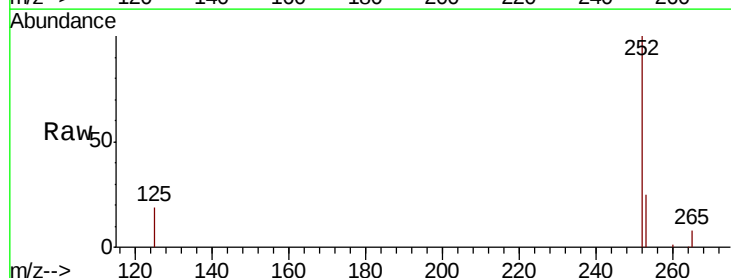
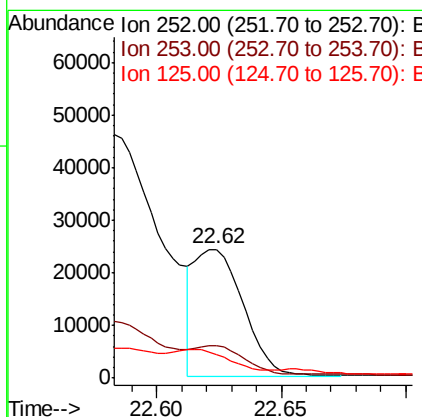
Manual Integrations
APPROVED

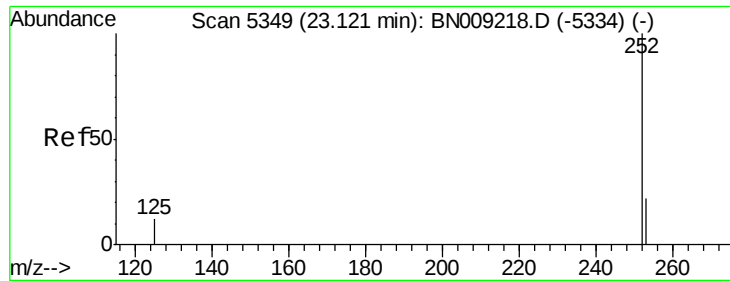
mohammad
12/29/2019 5:32:08 PM



#22
Benzo(k)fluoranthene
Concen: 1.128 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BN009223.D
Acq: 28 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.4	29.0
125	18.6	12.4	18.6





#23

Benzo(a)pyrene

Concen: 2.153 ng/ul

RT: 23.12 min Scan# 5349

Delta R.T. 0.00 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Instrument :

BNA_N

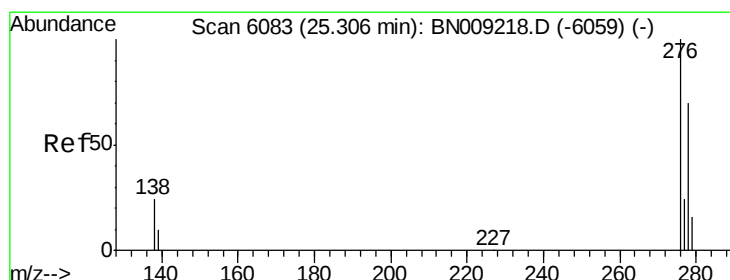
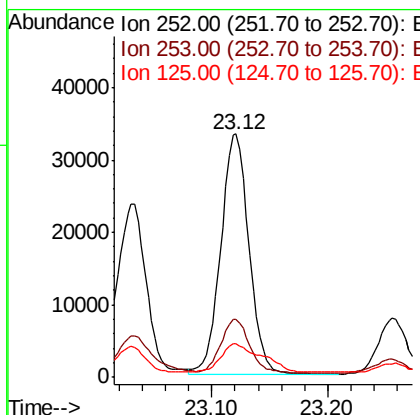
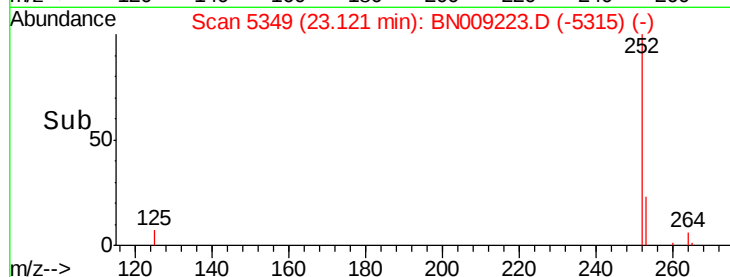
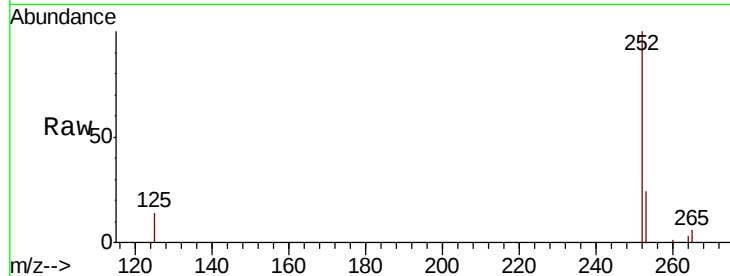
ClientSampleId :

C0C53

Tot Ion:	252	Resp:	55425
Ion Ratio	Lower	Upper	
252	100		
253	23.7	20.2	30.4
125	13.7	13.2	19.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.504 ng/ul

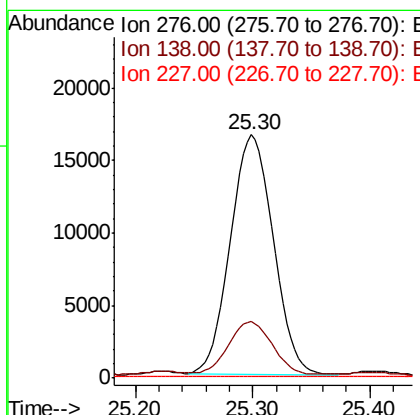
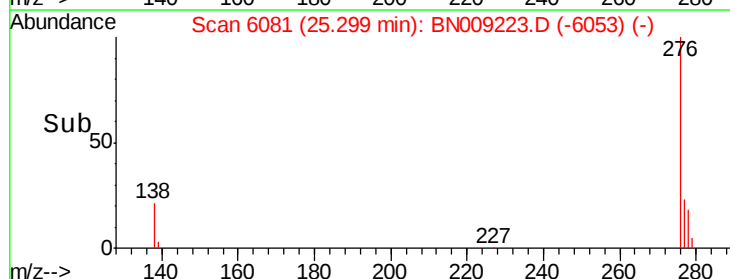
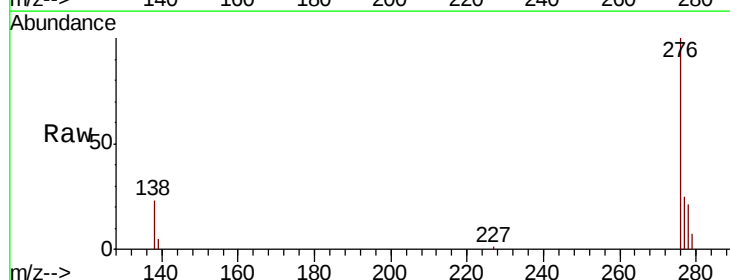
RT: 25.30 min Scan# 6081

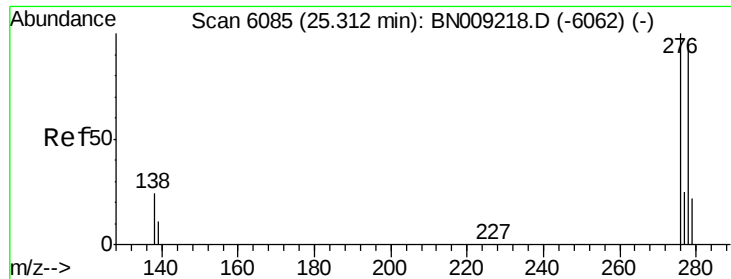
Delta R.T. -0.01 min

Lab File: BN009223.D

Acq: 28 Dec 2019 12:07

Tgt Ion:	276	Resp:	42152
Ion Ratio	Lower	Upper	
276	100		
138	21.7	22.4	33.6#
227	0.2	0.2	0.4#





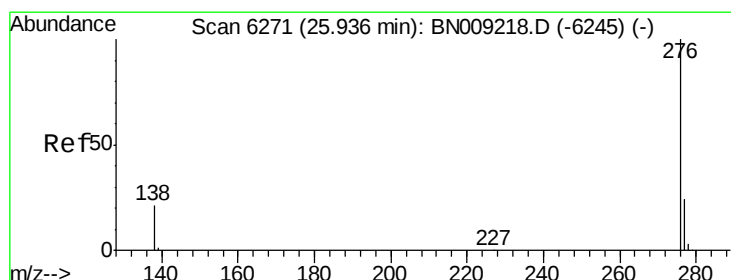
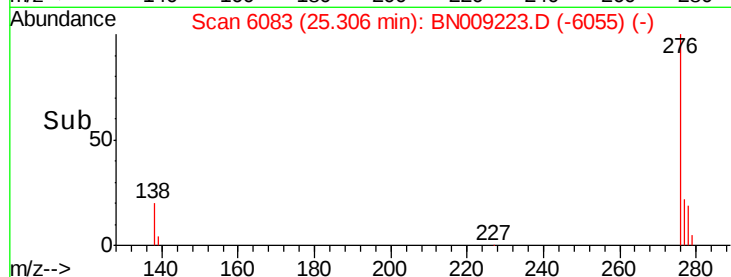
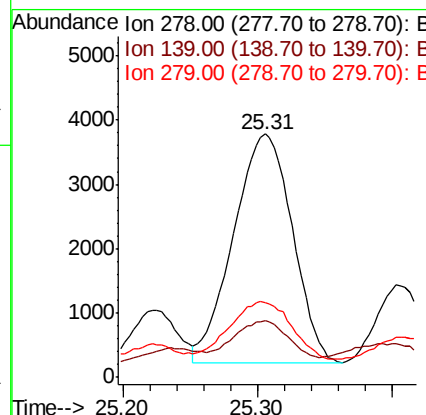
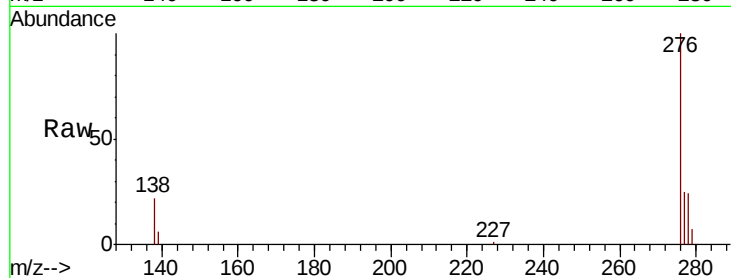
#25
Dibenzo(a,h)anthracene
Concen: 0.482 ng/ul
RT: 25.31 min Scan# 6083
Delta R.T. -0.01 min
Lab File: BN009223.D
Acq: 28 Dec 2019 12:07

Instrument :
BNA_N
ClientSampleId :
C0C53

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.2	24.2
279	30.7	20.3	30.5#

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#26
Benzo(g,h,i)perylene
Concen: 1.374 ng/ul
RT: 25.93 min Scan# 6270
Delta R.T. -0.00 min
Lab File: BN009223.D
Acq: 28 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.6	30.8
277	24.7	19.6	29.4

