

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
 Data File : BN009111.D
 Acq On : 24 Dec 2019 06:10
 Operator : JU
 Sample : K6254-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C06

Manual Integrations
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 12/24/2019 3:00:30 PM

Quant Time: Dec 24 07:00:27 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 : Tue Dec 24 06:49:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	3827	0.40	ng/ul	0.00
2) Naphthalene-d8	10.28	136	13871	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	7467	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	14059	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	8107	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	8183	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.88	152	3682	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	6728	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.33	128	4054	0.096	ng/ul	96
5) 2-Methylnaphthalene	11.96	142	3470	0.109	ng/ul	100
7) Acenaphthylene	13.88	152	9520	0.243	ng/ul	98
8) Acenaphthene	14.22	153	2367	0.077	ng/ul	98
9) Fluorene	15.22	166	9678	0.266	ng/ul	99
12) Phenanthrene	16.95	178	99505	2.035	ng/ul	99
13) Anthracene	17.04	178	19016	0.434	ng/ul	99
15) Fluoranthene	18.97	202	108951	1.949	ng/ul	99
17) Pyrene	19.34	202	115747	2.799	ng/ul	99
18) Benzo(a)anthracene	21.10	228	44809	1.245	ng/ul	97
19) Chrysene	21.15	228	47269	1.307	ng/ul	97
21) Benzo(b)fluoranthene	22.62	252	43720m	1.144	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	14050m	0.365	ng/ul	
23) Benzo(a)pyrene	23.16	252	36070	1.077	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.35	276	22042	0.604	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.35	278	5826	0.201	ng/ul#	77
26) Benzo(a,h,i)perylene	25.98	276	24073	0.784	ng/ul	99

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

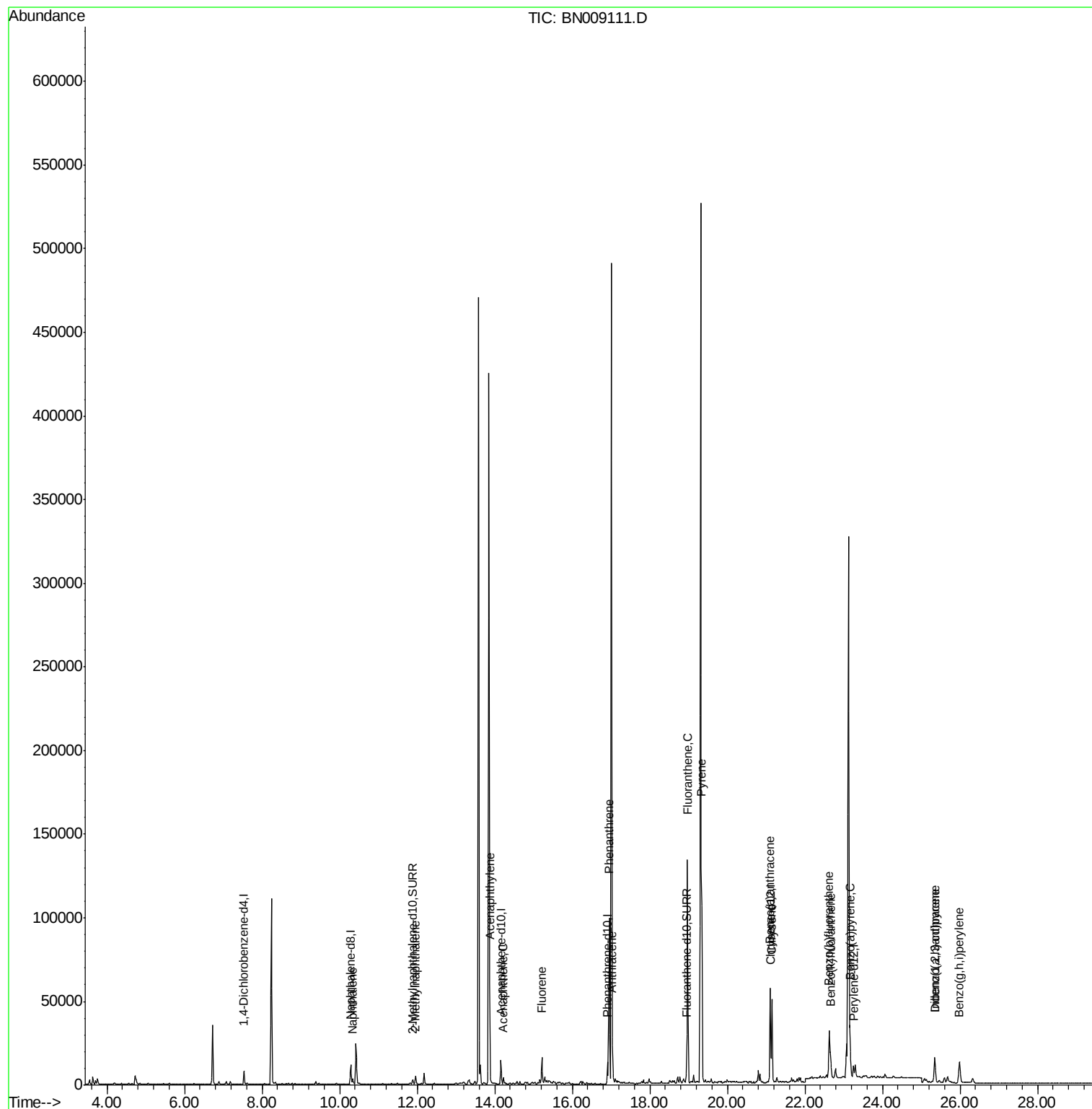
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
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ALS Vial : 27 Sample Multiplier: 1

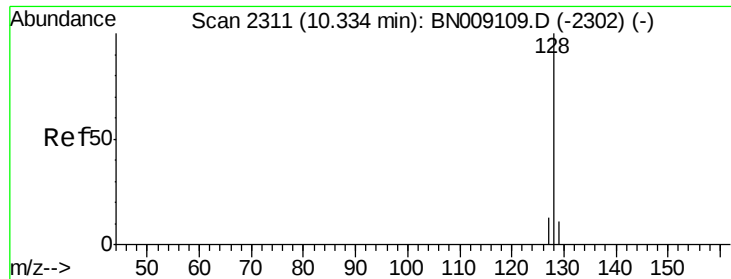
Instrument :
BNA_N
ClientSampleId :
C0C06

Quant Time: Dec 24 07:00:27 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 : Tue Dec 24 06:49:13 2019
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.096 ng/ul

RT: 10.33 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

Instrument :

BNA_N

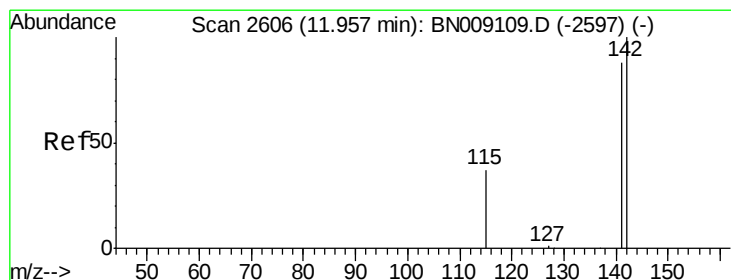
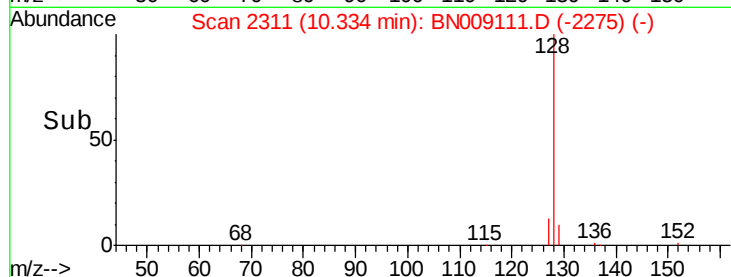
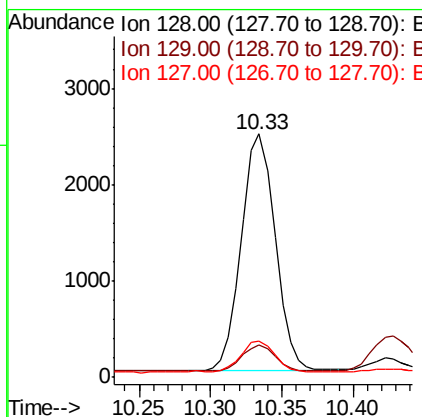
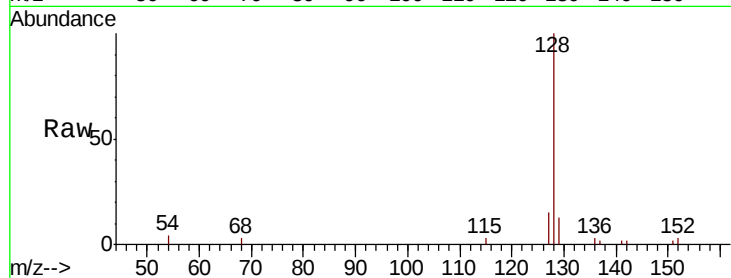
ClientSampleId :

C0C06

Tot Ion:	128	Resp:	4054
Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.0	13.4
127	15.1	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.109 ng/ul

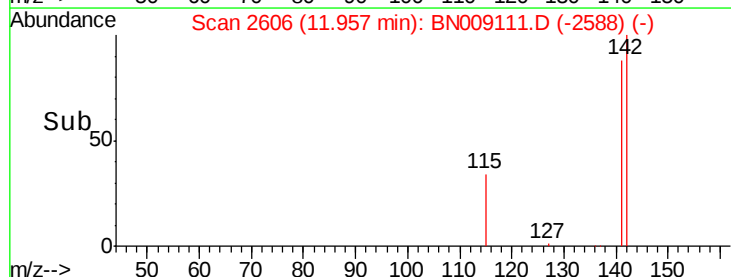
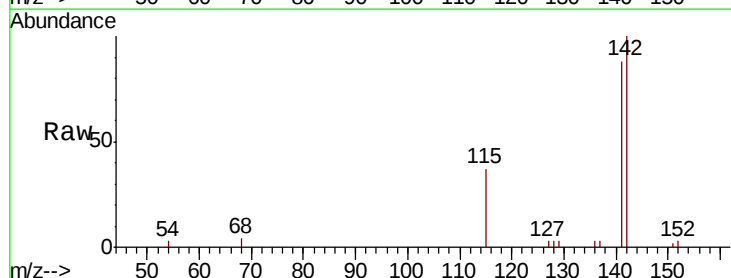
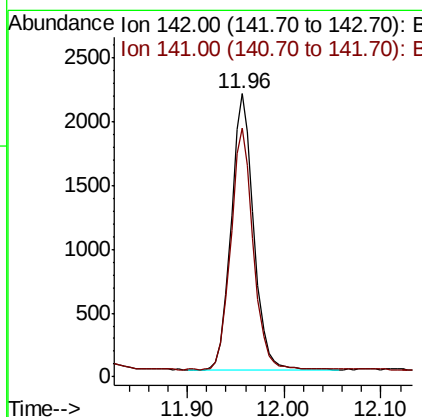
RT: 11.96 min Scan# 2606

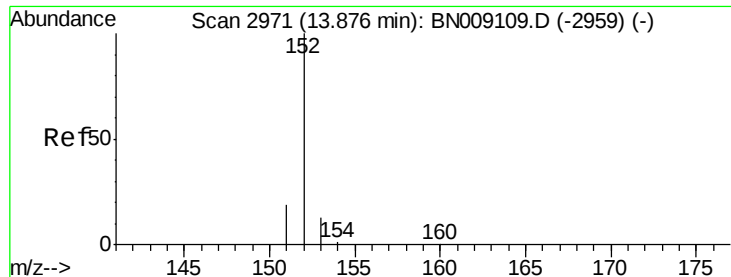
Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

Tgt Ion:	142	Resp:	3470
Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.4





#7

Acenaphthylene

Concen: 0.243 ng/ul

RT: 13.88 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

Instrument :

BNA_N

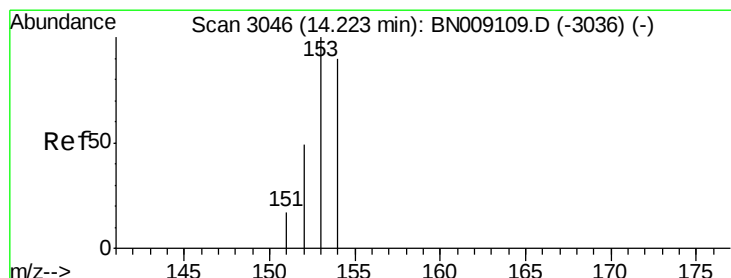
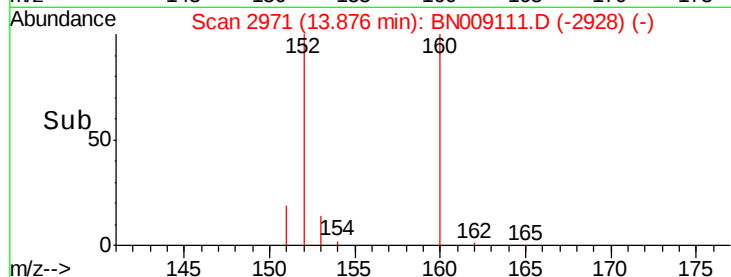
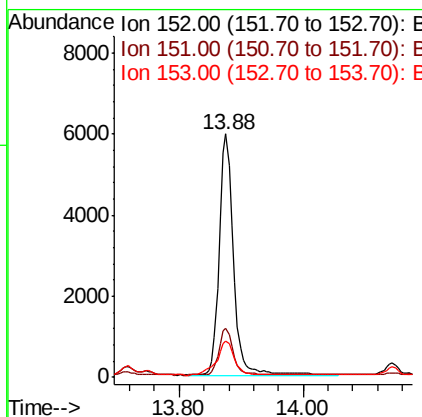
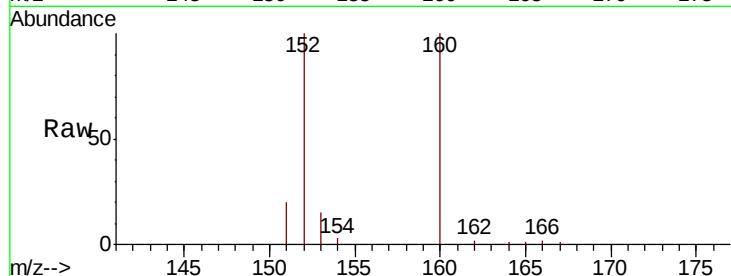
ClientSampleId :

C0C06

Tot Ion:	152	Resp:	9520
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.7	23.5
153	15.1	10.8	16.2

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#8

Acenaphthene

Concen: 0.077 ng/ul

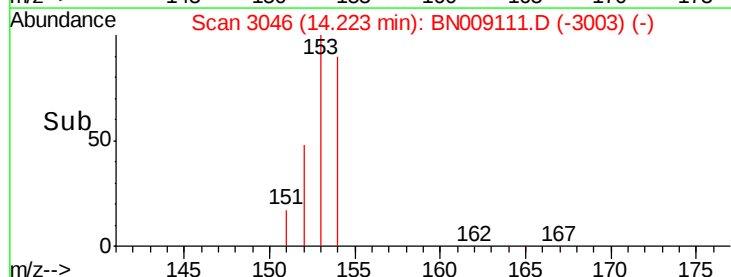
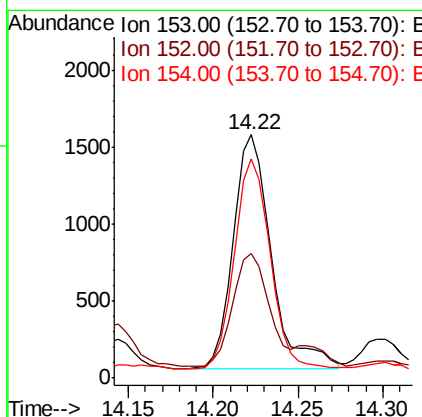
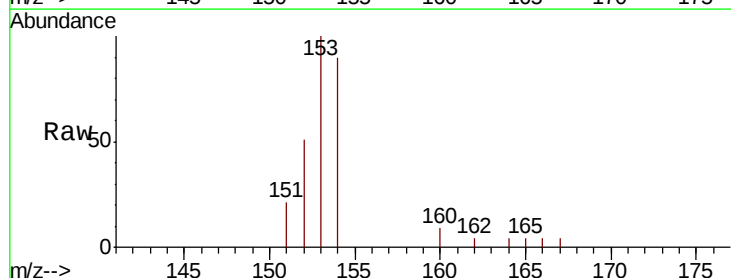
RT: 14.22 min Scan# 3046

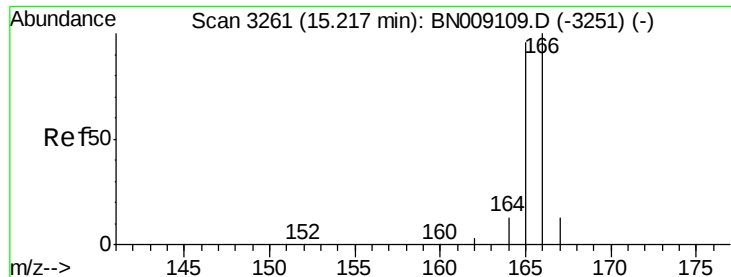
Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

Tgt Ion:	153	Resp:	2367
Ion Ratio	Lower	Upper	
153	100		
152	51.1	39.5	59.3
154	90.1	71.3	106.9





#9

Fluorene

Concen: 0.266 ng/ul

RT: 15.22 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

Instrument :

BNA_N

ClientSampleId :

C0C06

Tot Ion:166 Resp: 9678

Ion Ratio Lower Upper

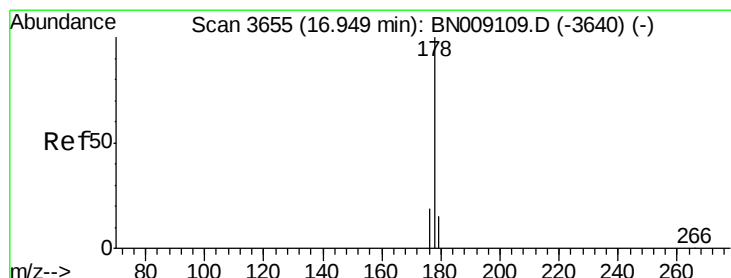
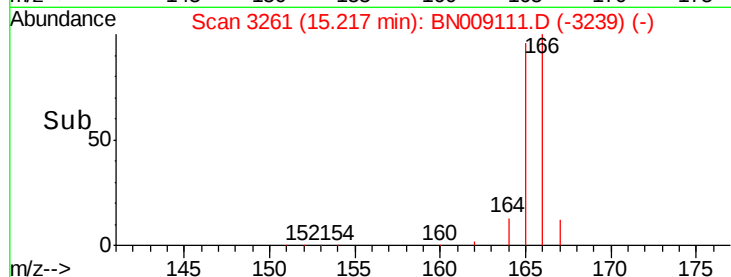
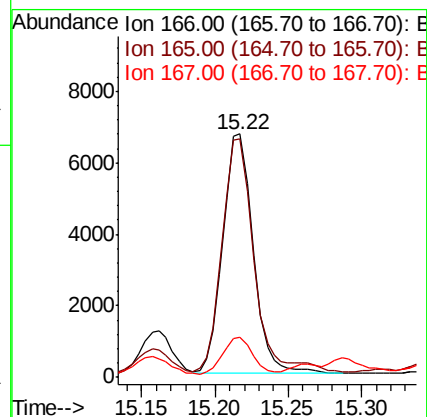
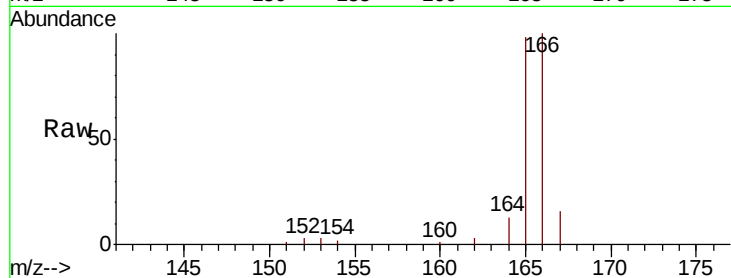
166 100

165 97.9 78.2 117.4

167 16.3 11.0 16.6

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#12

Phenanthrene

Concen: 2.035 ng/ul

RT: 16.95 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

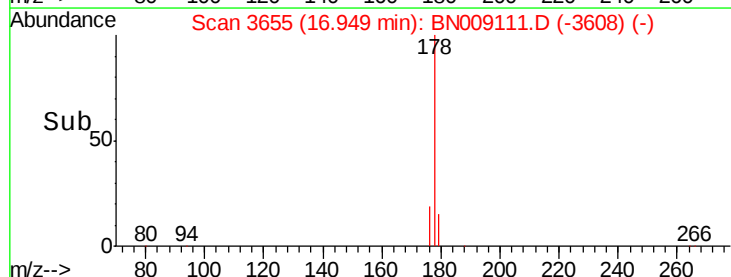
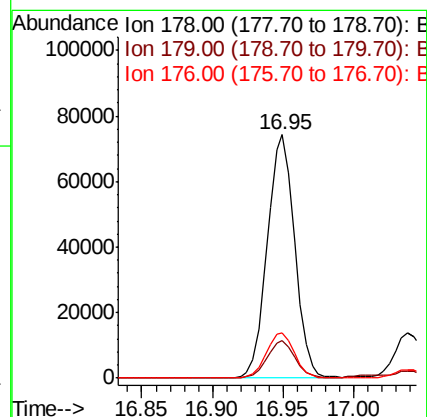
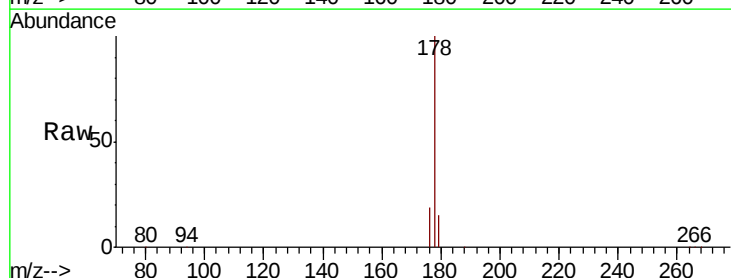
Tgt Ion:178 Resp: 99505

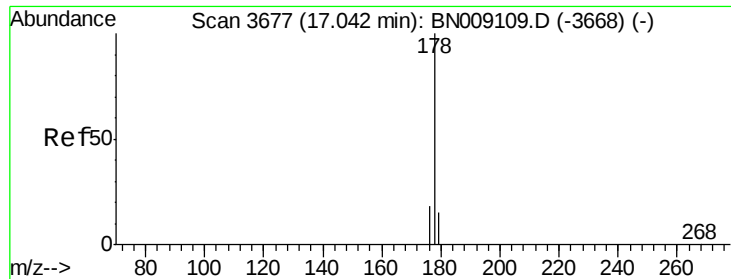
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.6 15.1 22.7





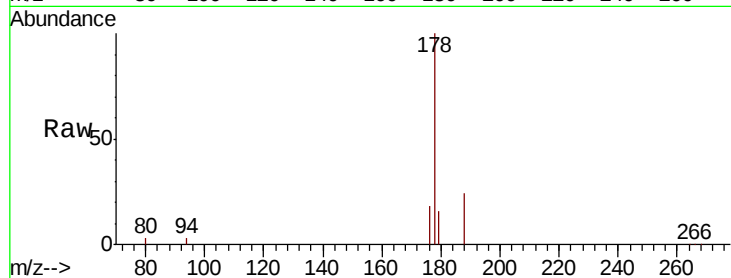
#13
 Anthracene
 Concen: 0.434 ng/ul
 RT: 17.04 min Scan# 3676
 Delta R.T. -0.00 min
 Lab File: BN009111.D
 Acq: 24 Dec 2019 06:10

Instrument :
 BNA_N
 ClientSampleId :
 C0C06

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	18.4	14.9	22.3

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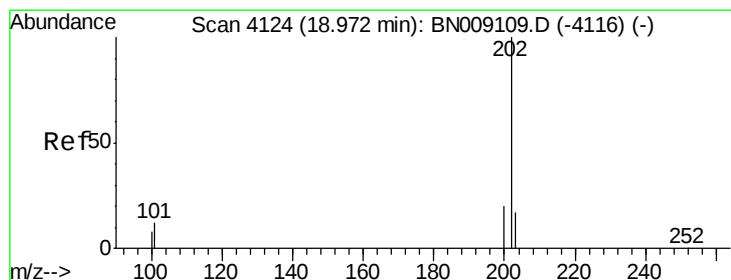
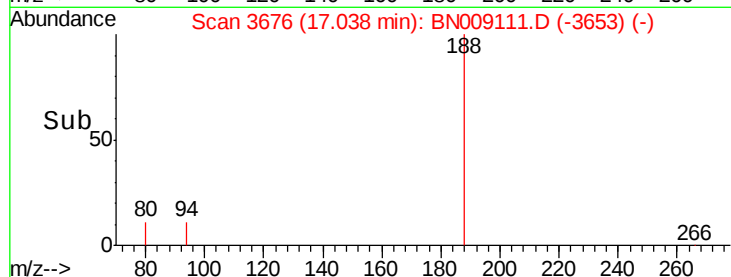
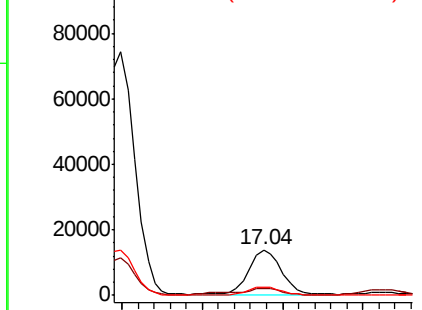


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15
 Fluoranthene
 Concen: 1.949 ng/ul
 RT: 18.97 min Scan# 4124
 Delta R.T. -0.00 min
 Lab File: BN009111.D
 Acq: 24 Dec 2019 06:10

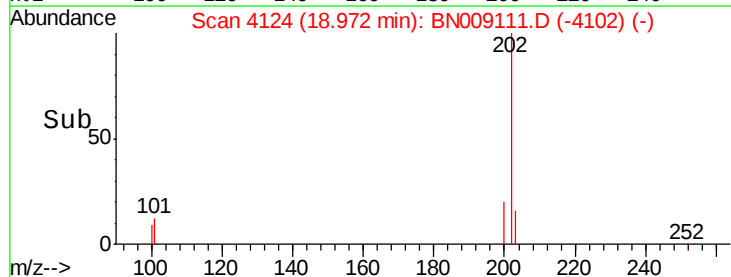
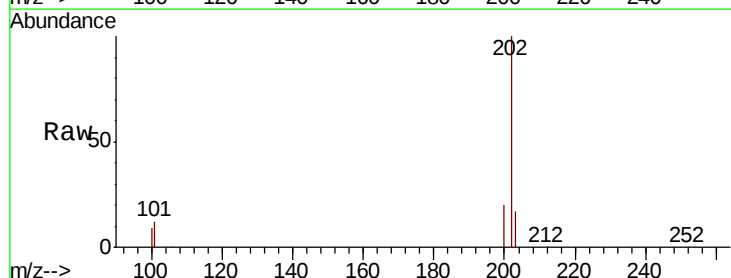
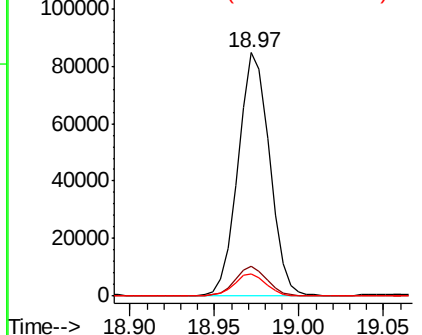
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.5
100	9.1	0.0	28.9

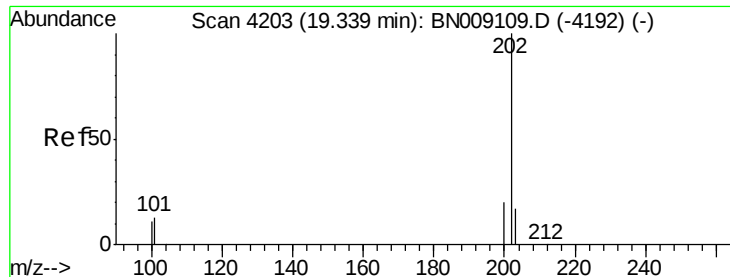
Abundance

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

Pvrene

Concen: 2.799 ng/ul

RT: 19.34 min Scan# 4203

Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

Instrument :

BNA_N

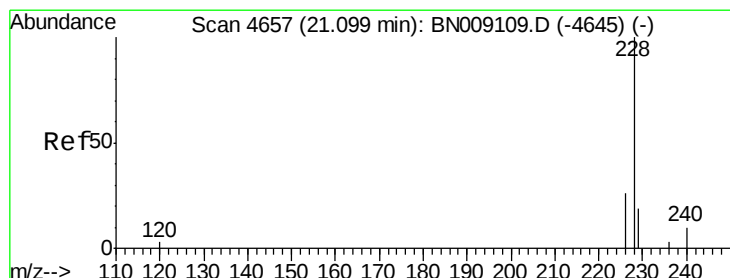
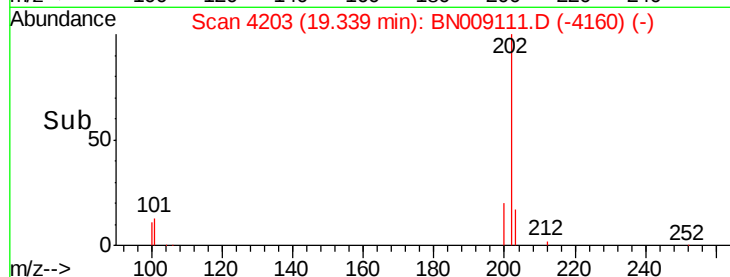
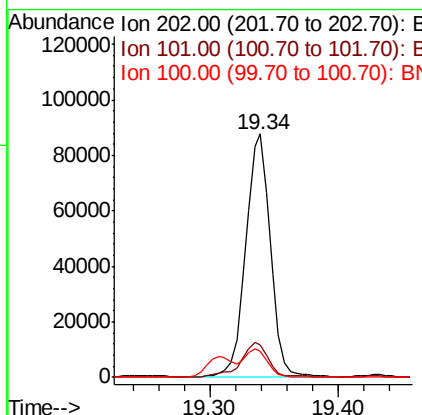
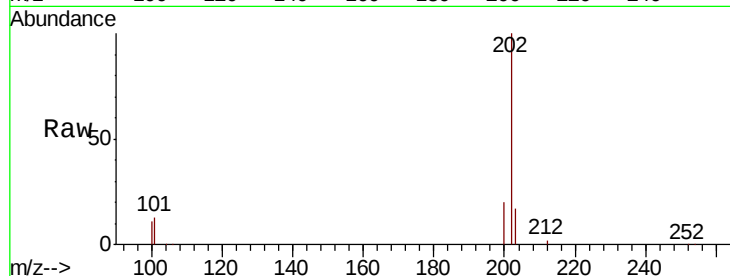
ClientSampleId :

C0C06

Tot Ion:	202	Resp:	115747
Ion Ratio	Lower	Upper	
202	100		
101	13.3	10.9	16.3
100	10.7	9.0	13.6

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#18

Benzo(a)anthracene

Concen: 1.245 ng/ul

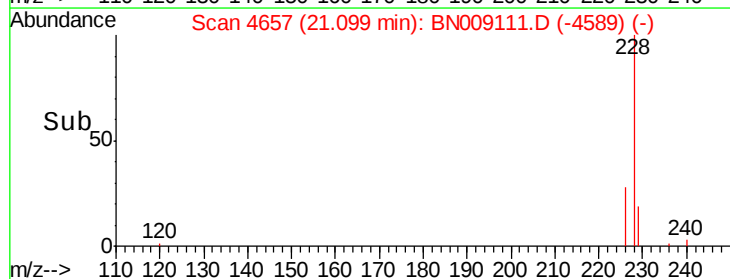
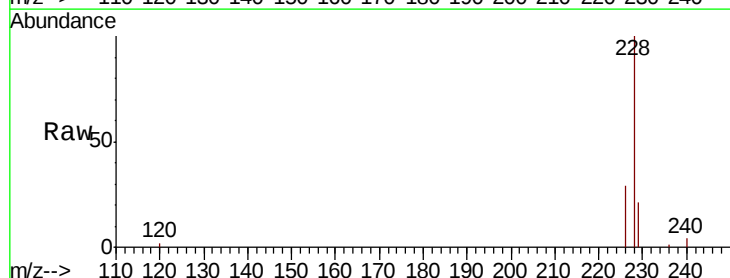
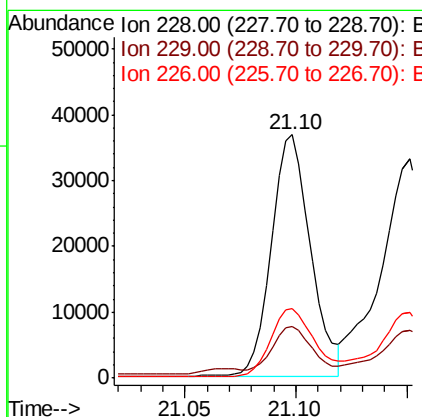
RT: 21.10 min Scan# 4657

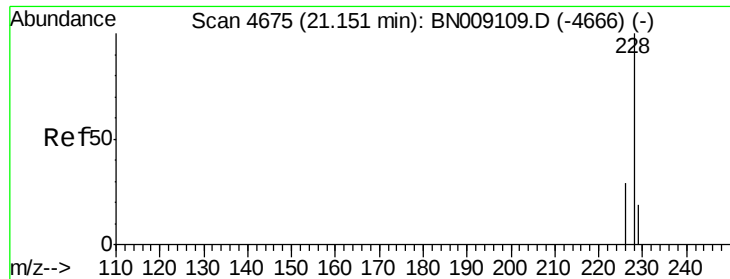
Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

Tgt Ion:	228	Resp:	44809
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.5	23.3
226	28.7	21.7	32.5





#19

Chrysene

Concen: 1.307 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

Instrument :

BNA_N

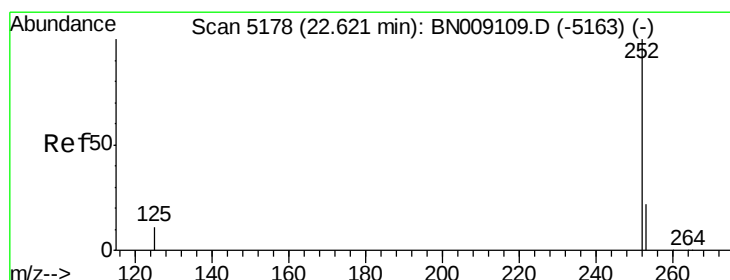
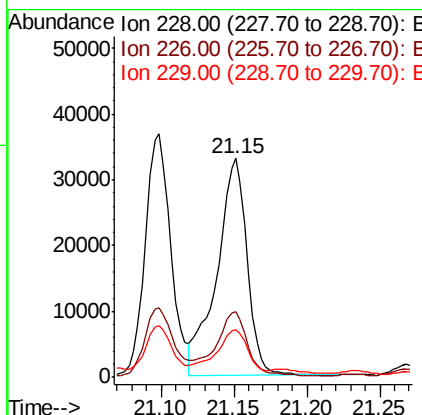
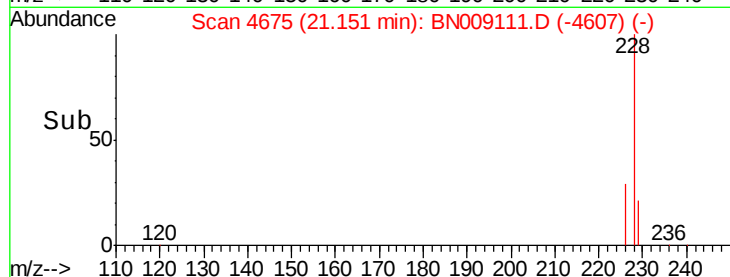
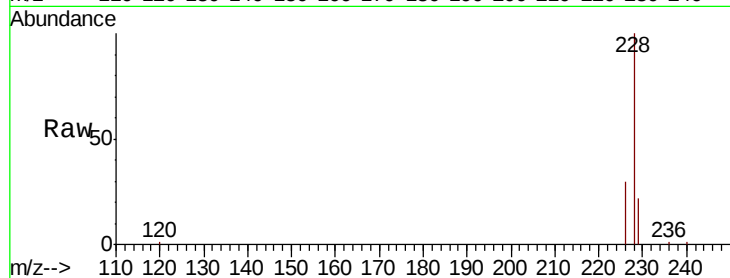
ClientSampleId :

C0C06

Tot Ion:228	Resp:	47269
Ion Ratio	Lower	Upper
228 100		
226 29.9	23.7	35.5
229 22.0	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 1.144 ng/ul m

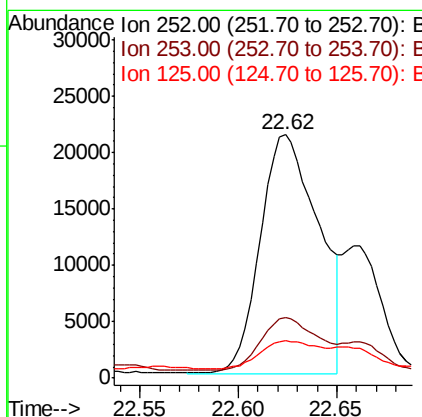
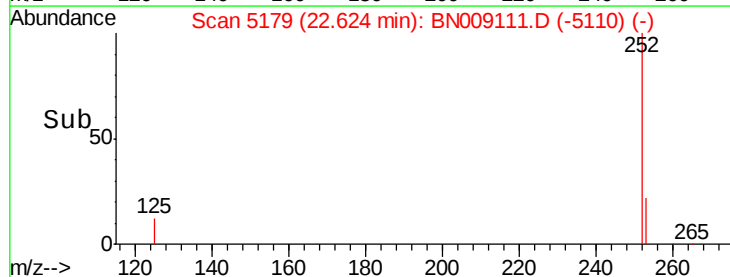
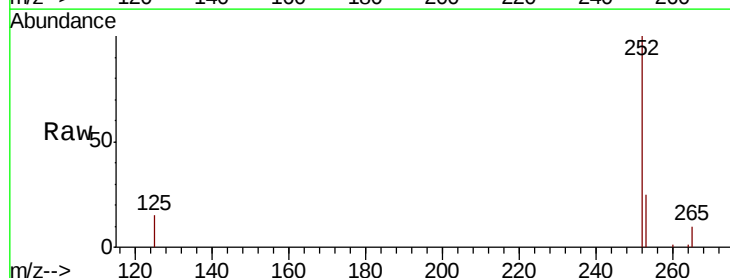
RT: 22.62 min Scan# 5179

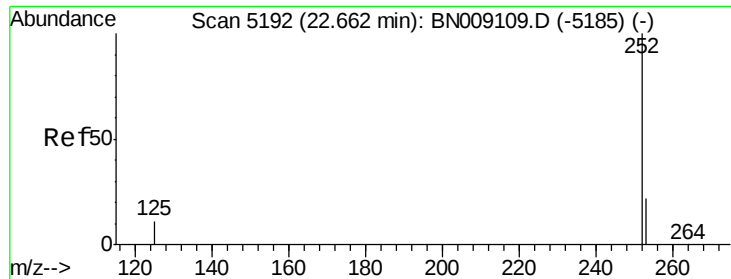
Delta R.T. 0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

Tgt Ion:252	Resp:	43720
Ion Ratio	Lower	Upper
252 100		
253 25.0	0.0	48.2
125 15.5	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.365 ng/ul m

RT: 22.66 min Scan# 5192

Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

Instrument :

BNA_N

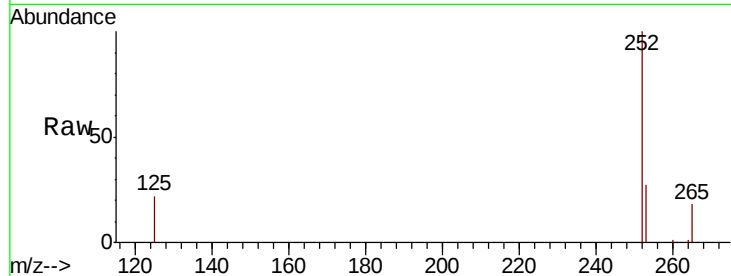
ClientSampleId :

C0C06

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.4	29.0
125	22.4	12.4	18.6

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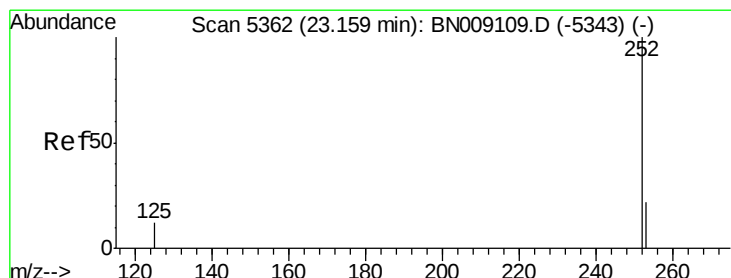
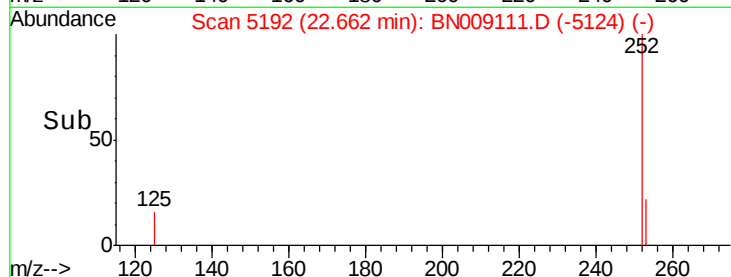
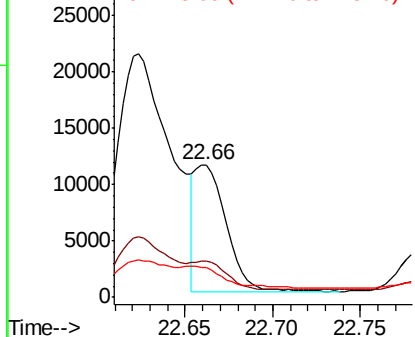


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 1.077 ng/ul

RT: 23.16 min Scan# 5362

Delta R.T. -0.00 min

Lab File: BN009111.D

Acq: 24 Dec 2019 06:10

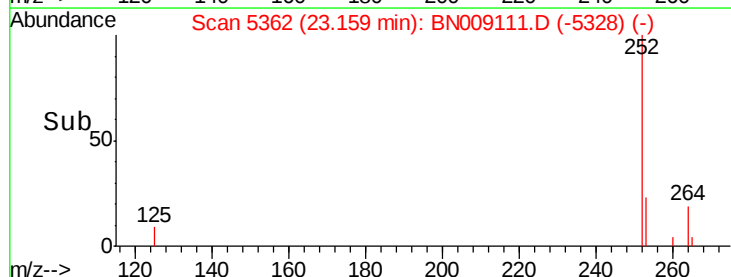
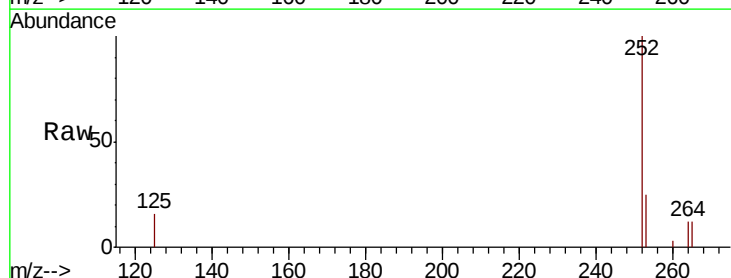
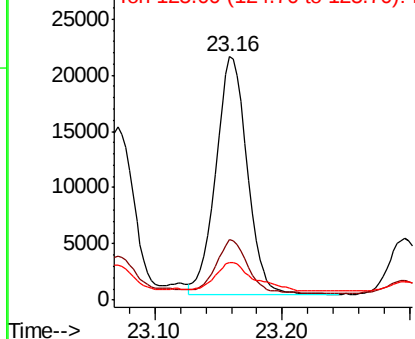
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.2	30.4
125	15.5	13.2	19.8

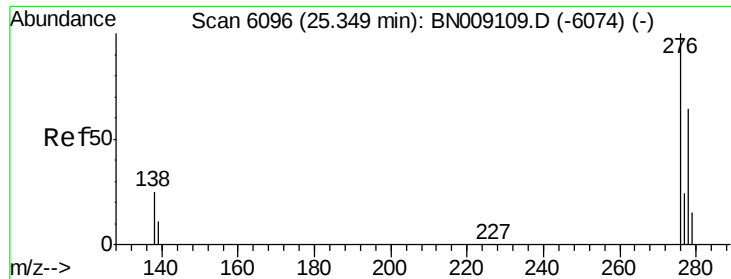
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

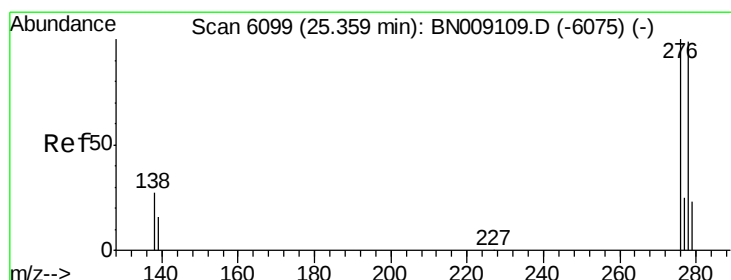
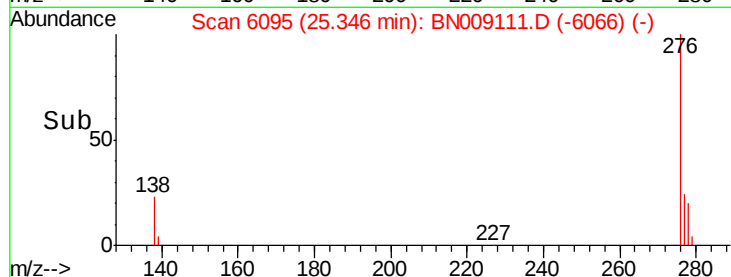
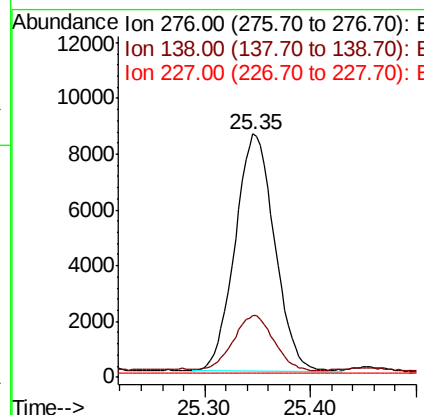
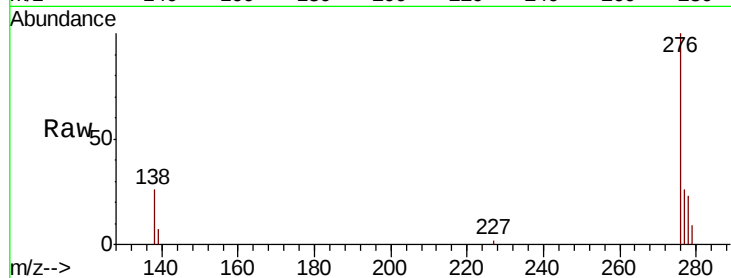
Indeno(1,2,3-cd)pyrene
Concen: 0.604 ng/ul
RT: 25.35 min Scan# 6095
Delta R.T. -0.00 min
Lab File: BN009111.D
Acq: 24 Dec 2019 06:10

Instrument :
BNA_N
ClientSampleId :
C0C06

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	22.4	33.6
227	0.1	0.2	0.4#

Manual Integrations
APPROVED

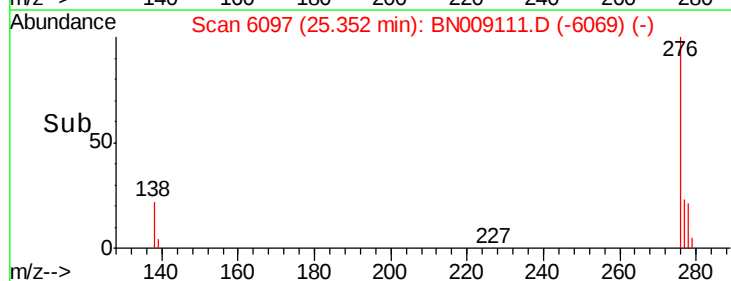
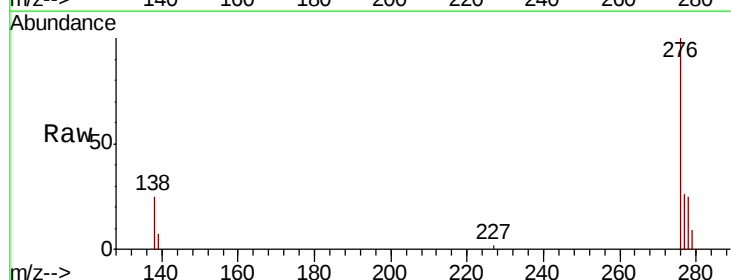
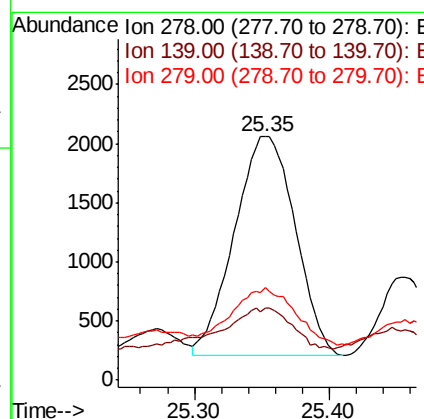
mohammad
12/24/2019 3:00:30 PM

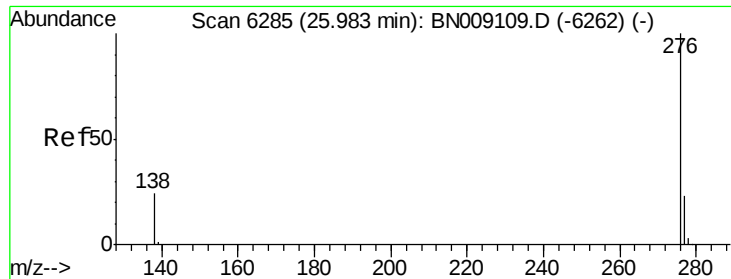


#25

Dibenzo(a,h)anthracene
Concen: 0.201 ng/ul
RT: 25.35 min Scan# 6097
Delta R.T. -0.01 min
Lab File: BN009111.D
Acq: 24 Dec 2019 06:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.7	16.2	24.2#
279	37.9	20.3	30.5#





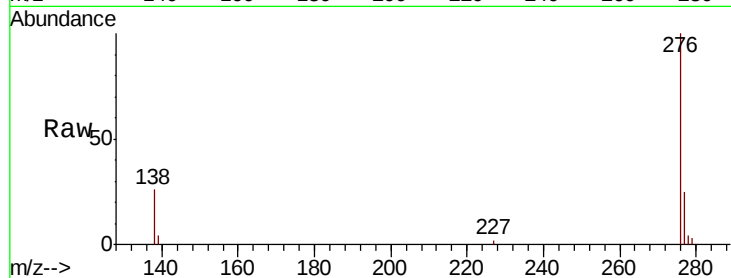
#26
Benzo(a,h,i)perylene
Concen: 0.784 ng/ul
RT: 25.98 min Scan# 6285
Delta R.T. -0.00 min
Lab File: BN009111.D
Acq: 24 Dec 2019 06:10

Instrument :
BNA_N
ClientSampleId :
C0C06

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.6	30.8
277	25.3	19.6	29.4

Manual Integrations
APPROVED

mohammad
12/24/2019 3:00:30 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

