

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
 Data File : BN008818.D
 Acq On : 02 Dec 2019 17:18
 Operator : JU
 Sample : K5851-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA3

Manual Integrations
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Quant Time: Dec 02 18:00:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4856	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	19519	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	11169	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	22975	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	16733	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	14040	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	5757	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	14255	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	3756	0.064	ng/ul#	95
5) 2-Methylnaphthalene	12.01	142	1989	0.048	ng/ul	99
7) Acenaphthylene	13.93	152	65293	1.057	ng/ul	100
8) Acenaphthene	14.27	153	1602	0.035	ng/ul#	94
9) Fluorene	15.27	166	3452	0.064	ng/ul#	92
12) Phenanthrene	17.00	178	58208	0.751	ng/ul	99
13) Anthracene	17.09	178	41179	0.562	ng/ul	99
15) Fluoranthene	19.02	202	465256	4.887	ng/ul	99
17) Pyrene	19.39	202	386116	5.752	ng/ul	99
18) Benzo(a)anthracene	21.15	228	264598	3.932	ng/ul	95
19) Chrysene	21.20	228	219986	3.328	ng/ul	97
21) Benzo(b)fluoranthene	22.69	252	272016m	4.698	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	104936m	1.828	ng/ul	
23) Benzo(a)pyrene	23.23	252	178395	3.283	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.45	276	100599	1.583	ng/ul	91
25) Dibenzo(a,h)anthracene	25.46	278	27443	0.535	ng/ul#	79
26) Benzo(a,h,i)perylene	26.10	276	88342	1.662	ng/ul	98

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

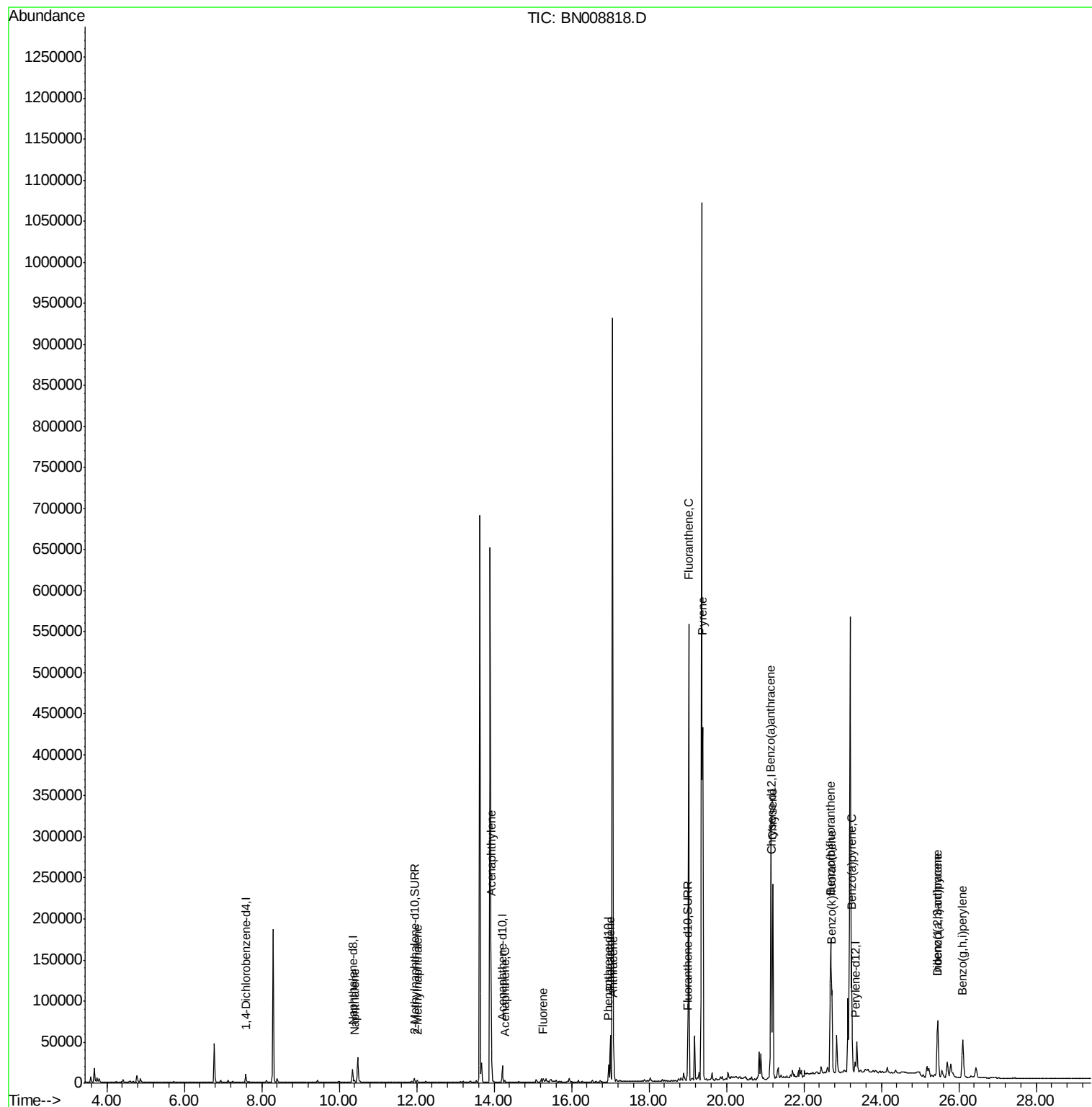
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008818.D
Acq On : 02 Dec 2019 17:18
Operator : JU
Sample : K5851-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

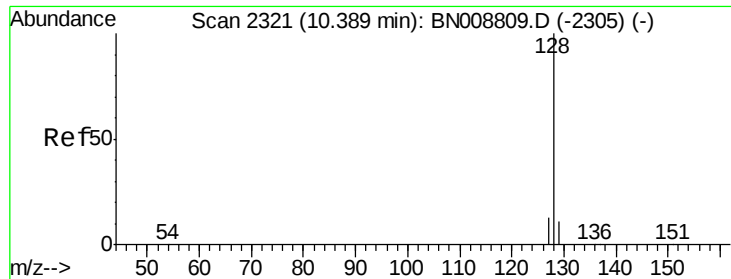
Instrument :
BNA_N
ClientSampleId :
C0AA3

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Quant Time: Dec 02 18:00:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.064 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. 0.01 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Instrument :

BNA_N

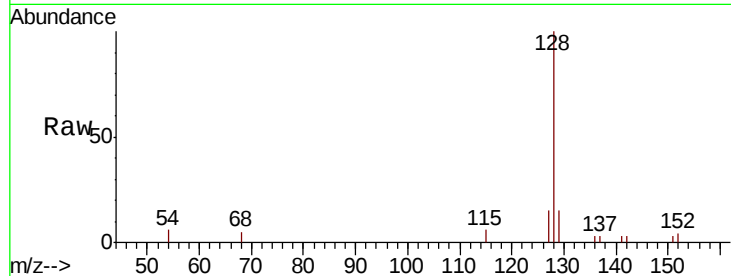
ClientSampleId :

C0AA3

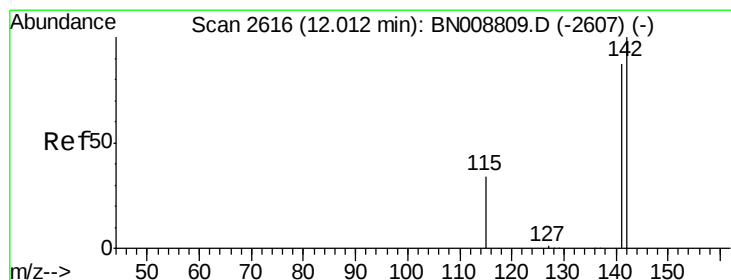
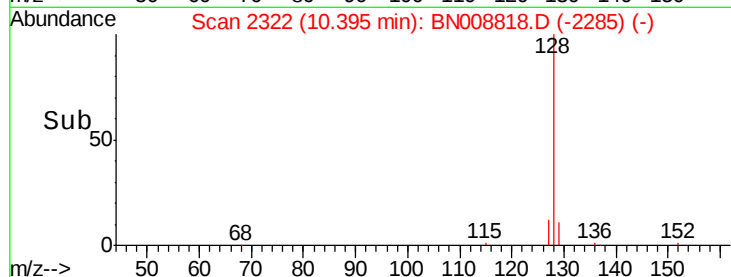
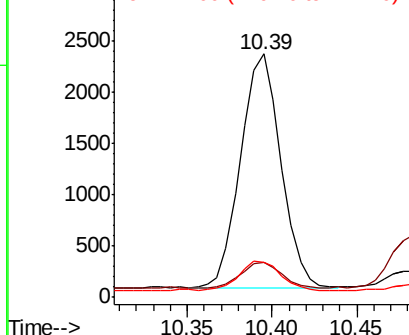
Tot Ion:	128	Resp:	3756
Ion Ratio	Lower	Upper	
128	100		
129	14.5	9.1	13.7#
127	14.6	10.7	16.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.048 ng/ul

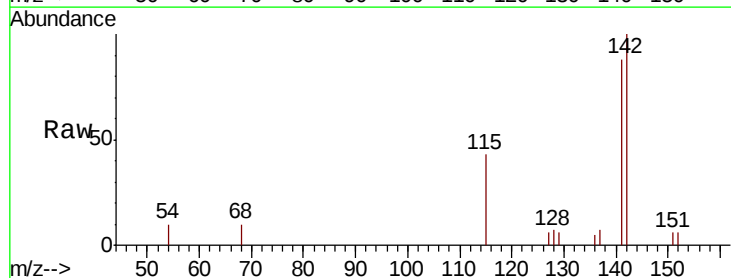
RT: 12.01 min Scan# 2616

Delta R.T. 0.00 min

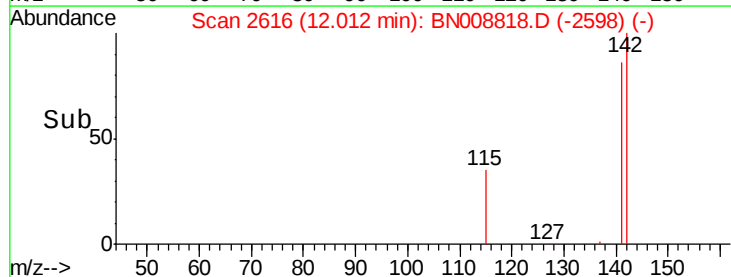
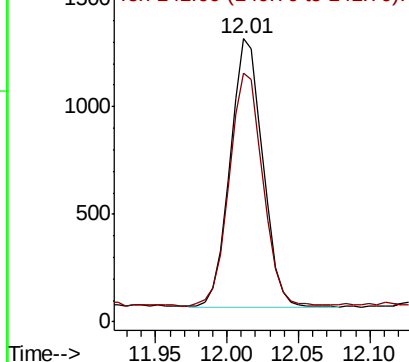
Lab File: BN008818.D

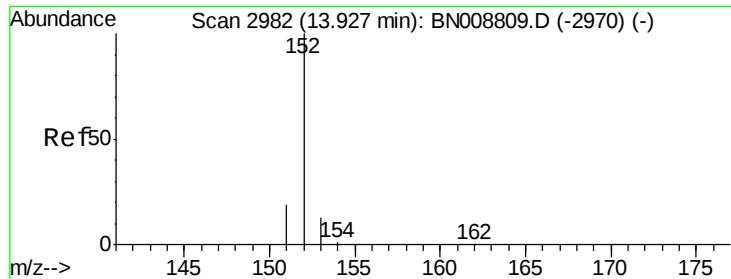
Acq: 02 Dec 2019 17:18

Tgt Ion:	142	Resp:	1989
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.1	105.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.057 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Instrument :

BNA_N

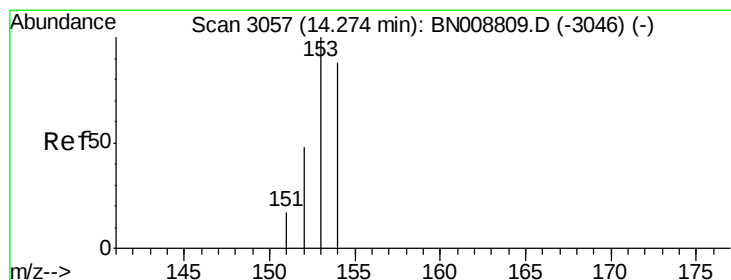
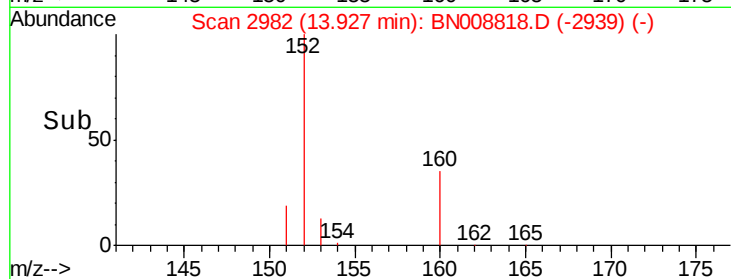
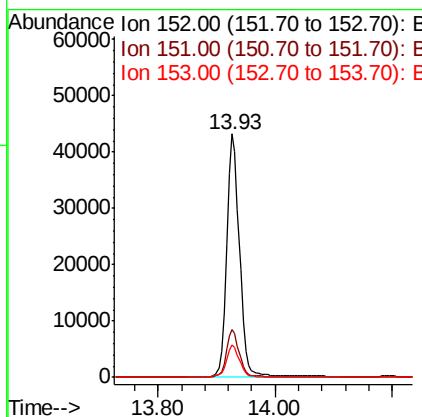
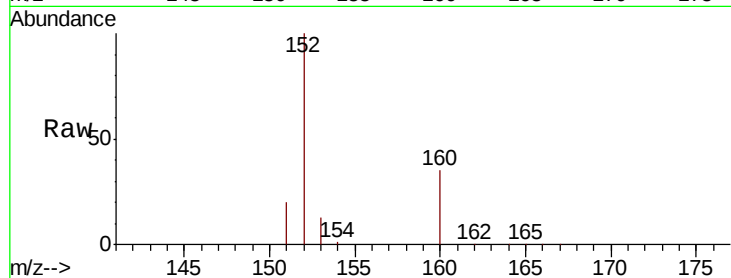
ClientSampled :

C0AA3

Tot Ion:	152	Resp:	65293
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.6
153	13.1	10.6	15.8

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#8

Acenaphthene

Concen: 0.035 ng/ul

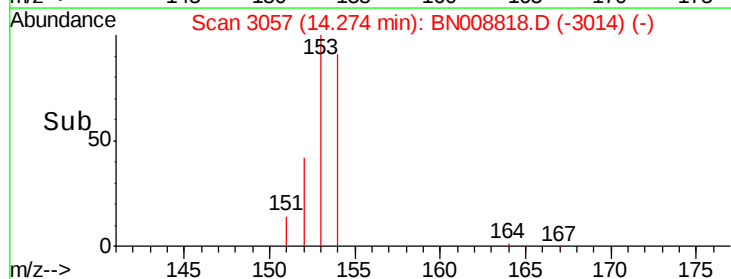
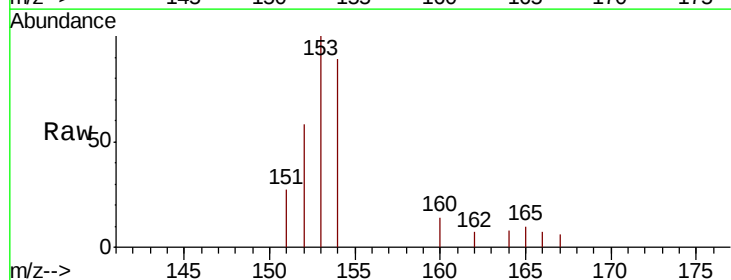
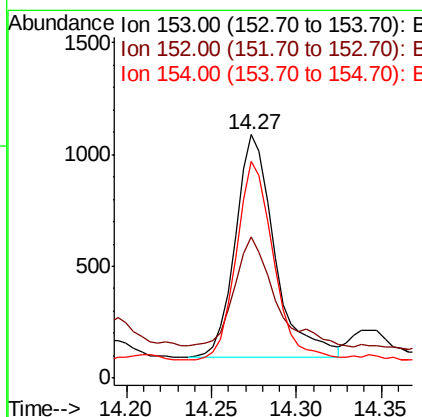
RT: 14.27 min Scan# 3057

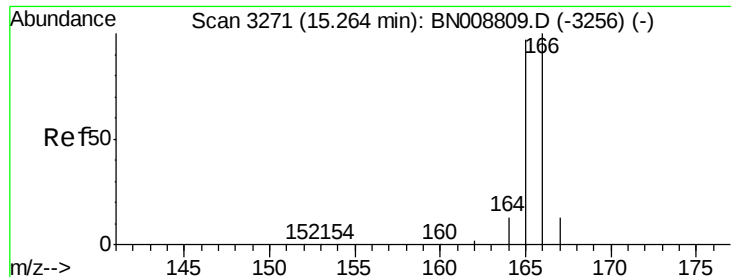
Delta R.T. 0.00 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Tgt Ion:	153	Resp:	1602
Ion Ratio	Lower	Upper	
153	100		
152	58.1	38.6	58.0#
154	89.3	70.6	105.8





#9

Fluorene

Concen: 0.064 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. 0.00 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Instrument :

BNA_N

ClientSampled :

C0AA3

Tot Ion:166 Resp: 3452

Ion Ratio Lower Upper

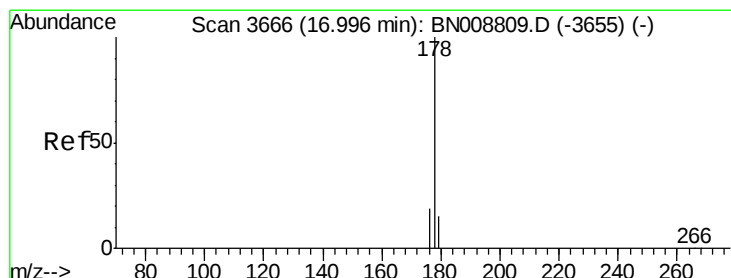
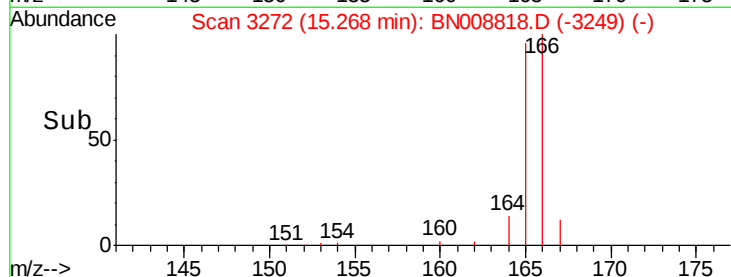
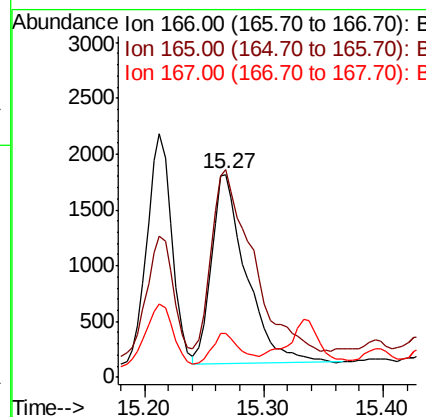
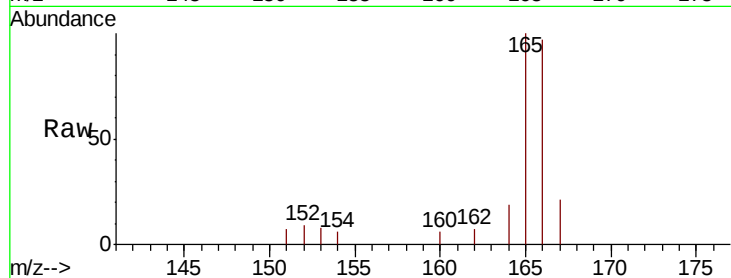
166 100

165 102.8 77.7 116.5

167 22.0 11.1 16.7#

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#12

Phenanthrene

Concen: 0.751 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

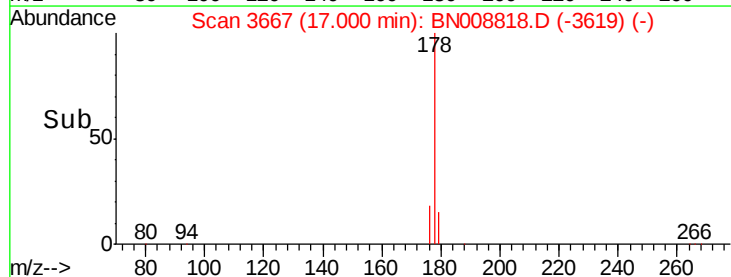
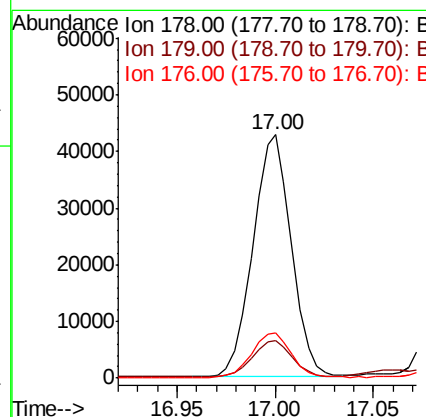
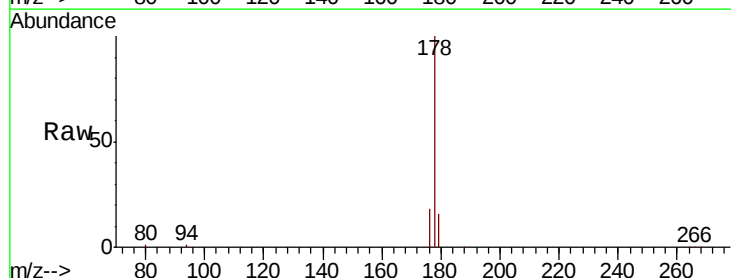
Tgt Ion:178 Resp: 58208

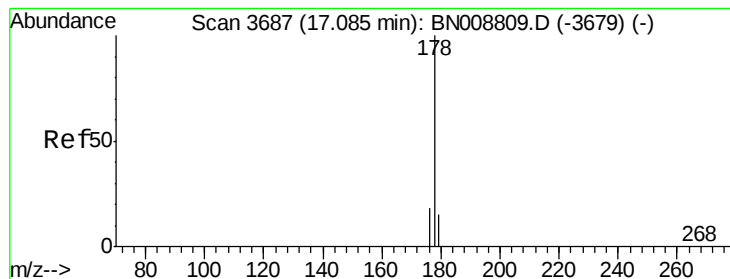
Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 18.4 15.3 22.9





#13

Anthracene

Concen: 0.562 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Instrument :

BNA_N

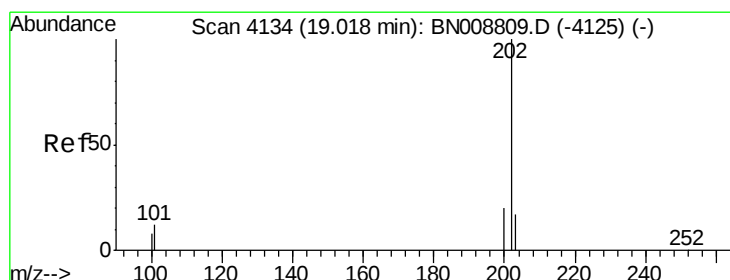
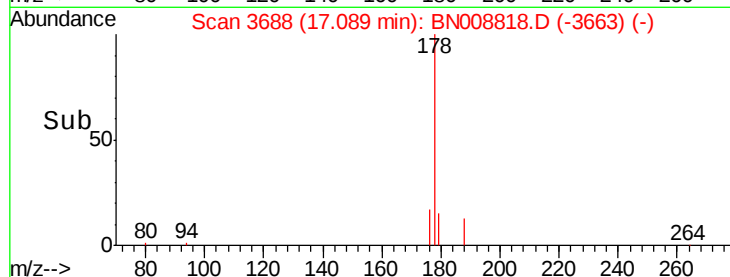
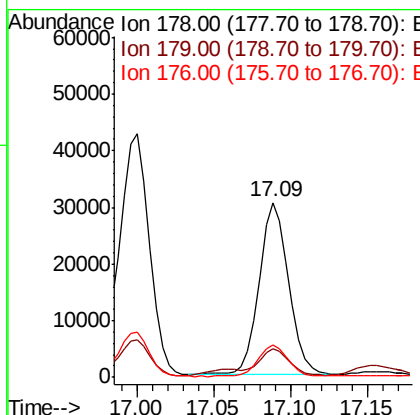
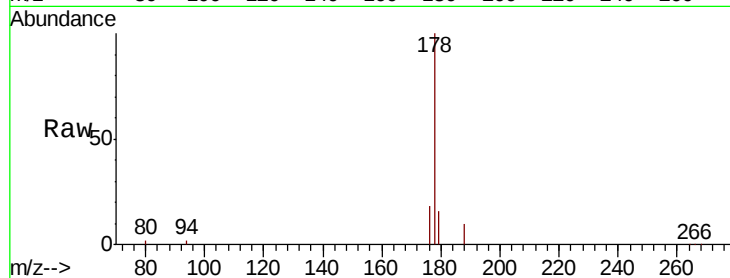
ClientSampled :

C0AA3

Tot Ion:178	Resp:	41179
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.2 18.4
176	18.4	14.7 22.1

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#15

Fluoranthene

Concen: 4.887 ng/ul

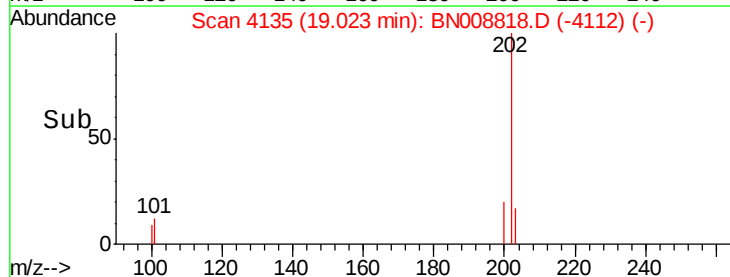
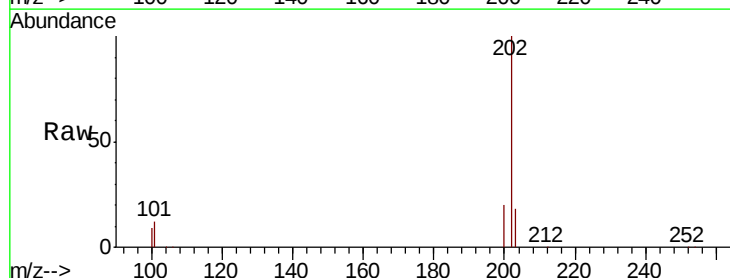
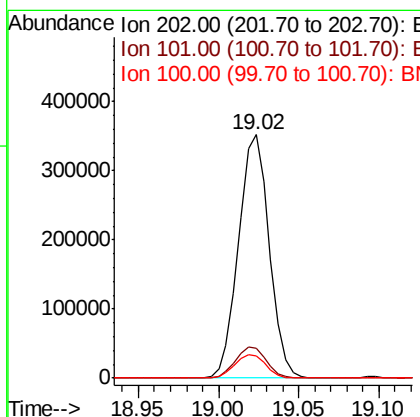
RT: 19.02 min Scan# 4135

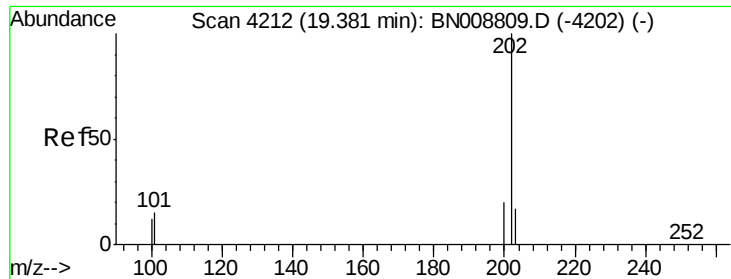
Delta R.T. 0.00 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Tgt Ion:202	Resp:	465256
Ion Ratio	Lower	Upper
202	100	
101	12.0	0.0 32.4
100	8.9	0.0 29.2





#17

Pvrene

Concen: 5.752 ng/ul

RT: 19.39 min Scan# 4213

Delta R.T. 0.00 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Instrument :

BNA_N

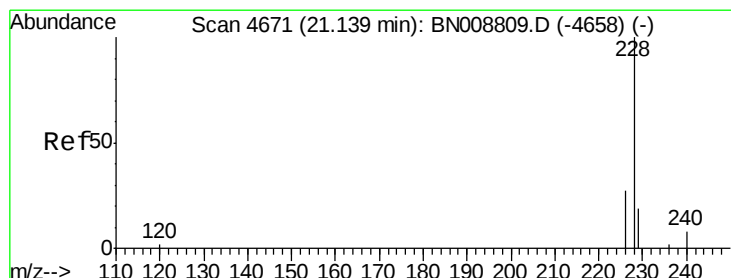
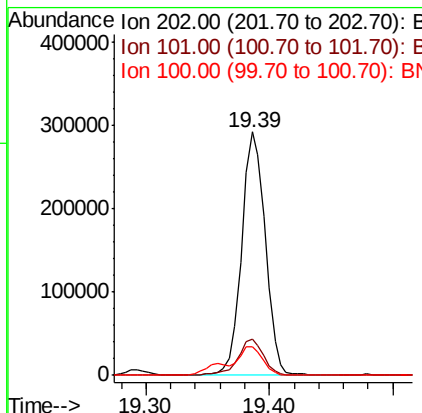
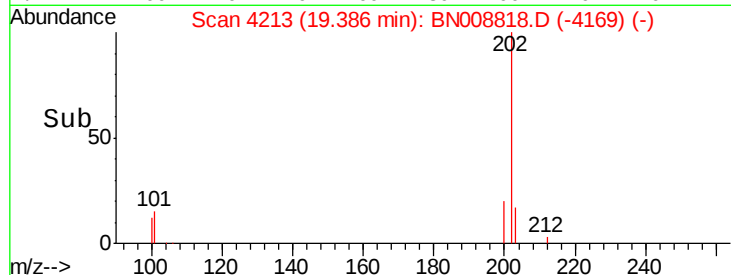
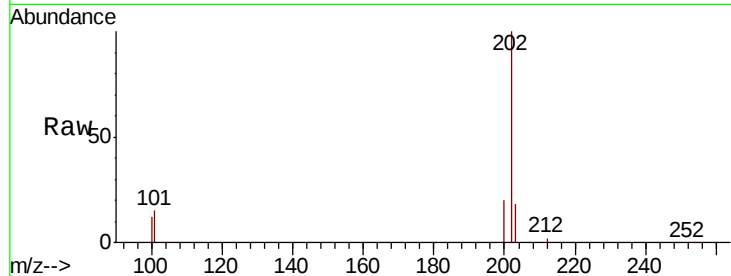
ClientSampleId :

C0AA3

Tot Ion:	202	Resp:	386116
Ion Ratio	Lower	Upper	
202	100		
101	14.7	12.2	18.4
100	11.8	9.5	14.3

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#18

Benzo(a)anthracene

Concen: 3.932 ng/ul

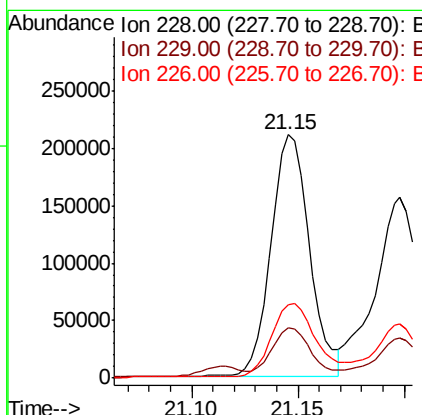
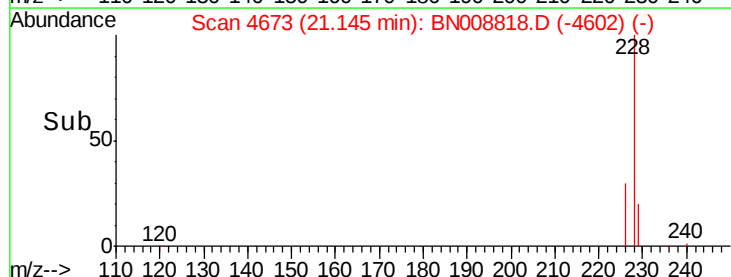
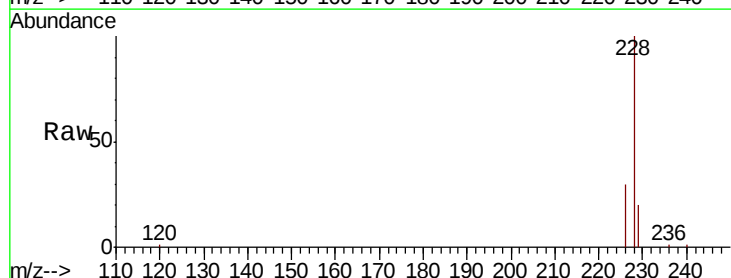
RT: 21.15 min Scan# 4673

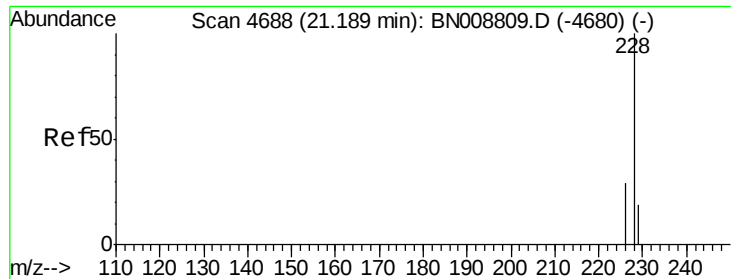
Delta R.T. 0.01 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Tgt Ion:	228	Resp:	264598
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	30.4	21.5	32.3





#19

Chrysene

Concen: 3.328 ng/ul

RT: 21.20 min Scan# 4691

Delta R.T. 0.01 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Instrument :

BNA_N

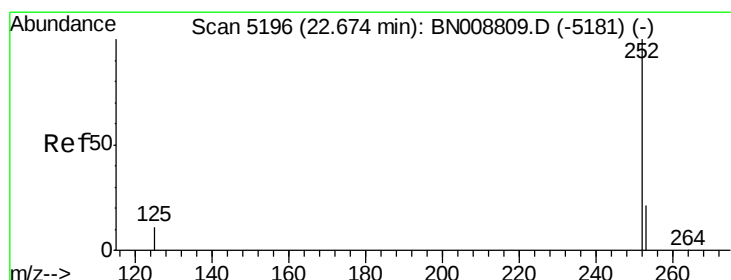
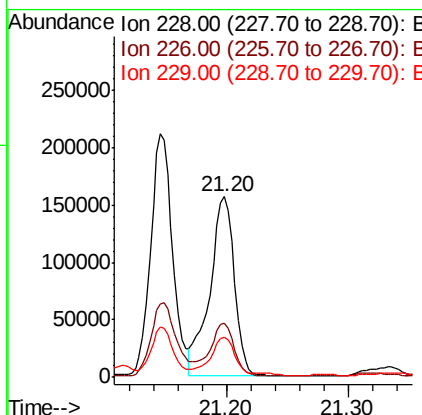
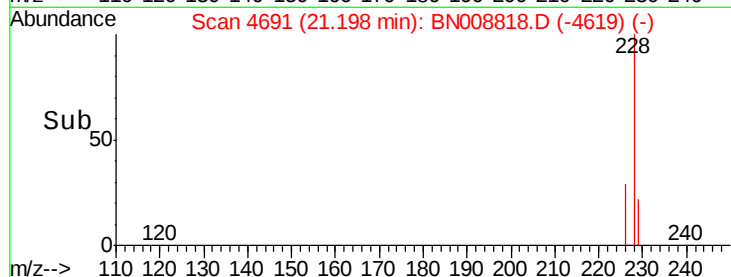
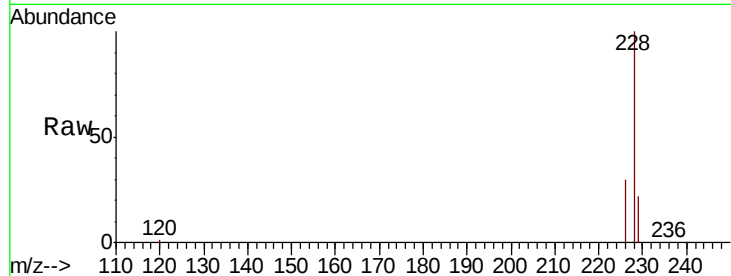
ClientSampled :

C0AA3

Tot Ion:	228	Resp:	219986
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.8	35.6
229	22.4	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 4.698 ng/ul m

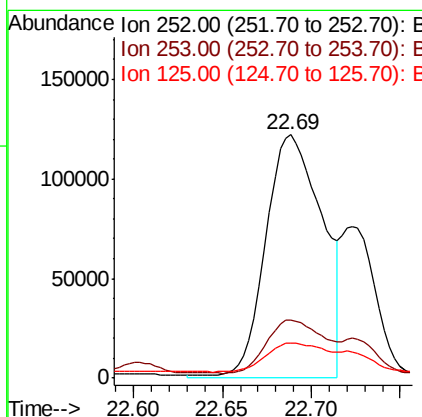
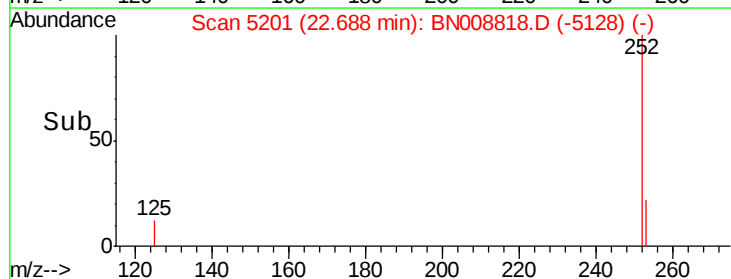
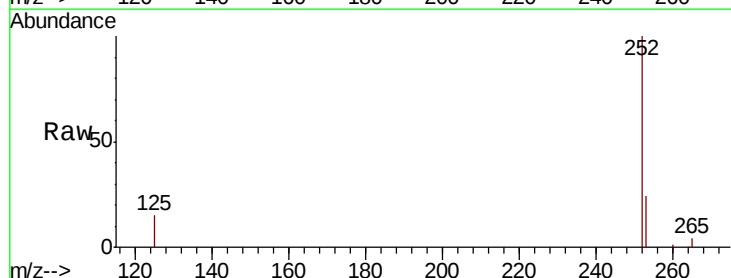
RT: 22.69 min Scan# 5201

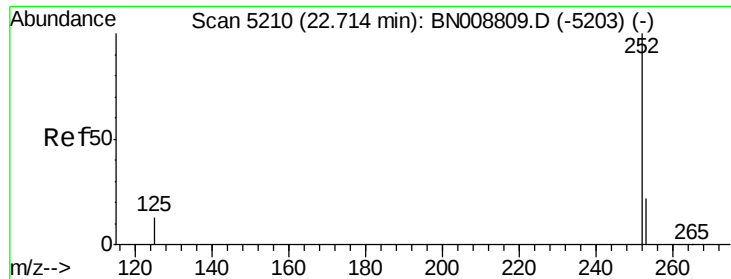
Delta R.T. 0.01 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Tgt Ion:	252	Resp:	272016
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	48.6
125	14.5	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 1.828 ng/ul m

RT: 22.72 min Scan# 5213

Delta R.T. 0.01 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Instrument :

BNA_N

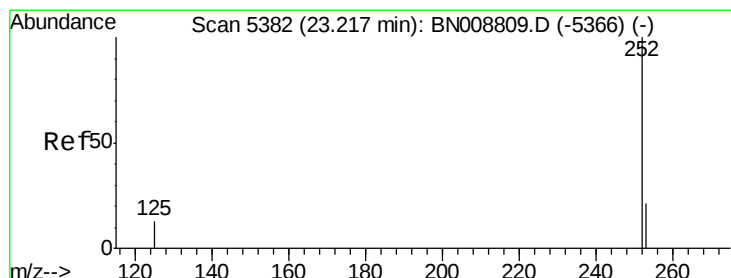
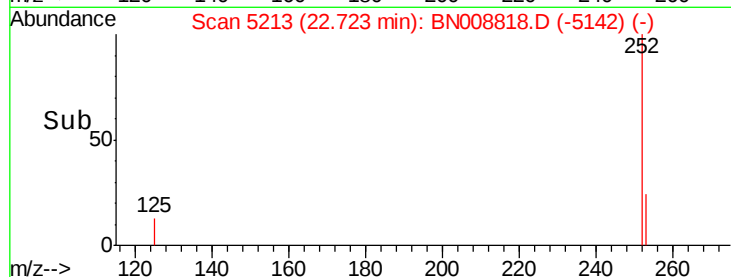
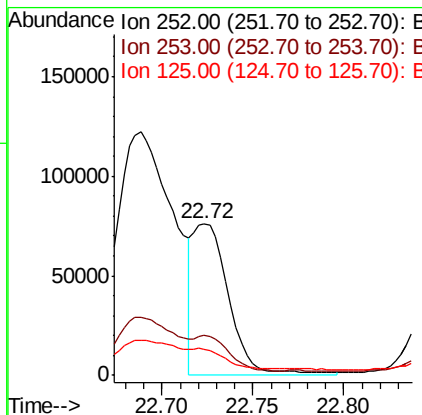
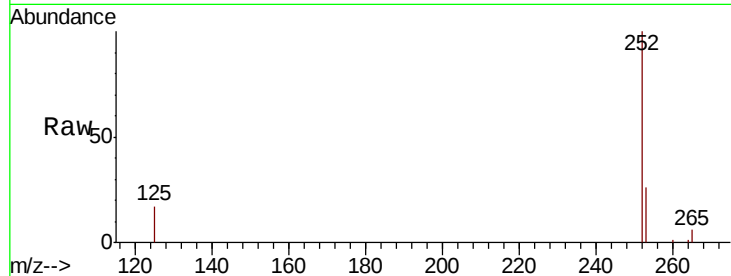
ClientSampleId :

C0AA3

Tot Ion:	252	Resp:	104936
Ion Ratio	Lower	Upper	
252	100		
253	26.2	19.6	29.4
125	17.4	13.8	20.6

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#23

Benzo(a)pyrene

Concen: 3.283 ng/ul

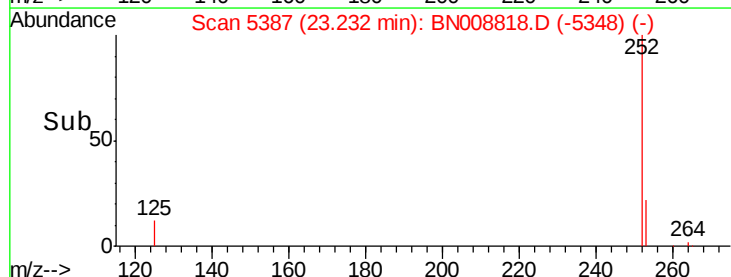
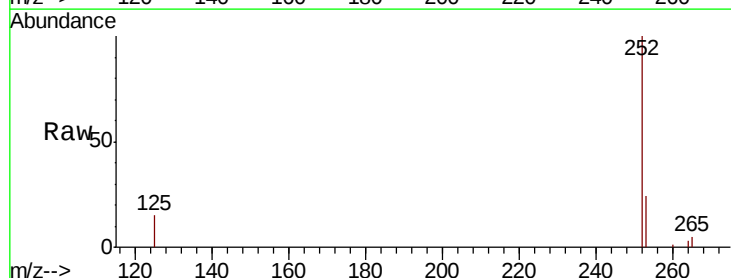
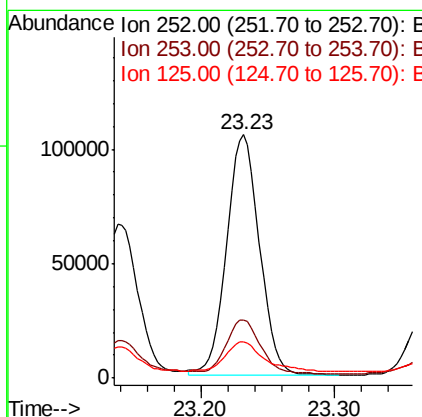
RT: 23.23 min Scan# 5387

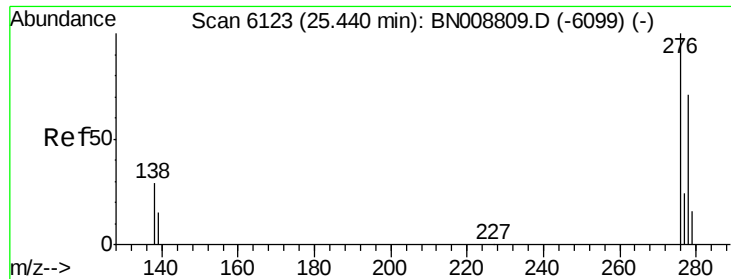
Delta R.T. 0.01 min

Lab File: BN008818.D

Acq: 02 Dec 2019 17:18

Tgt Ion:	252	Resp:	178395
Ion Ratio	Lower	Upper	
252	100		
253	24.0	19.9	29.9
125	15.0	14.6	22.0





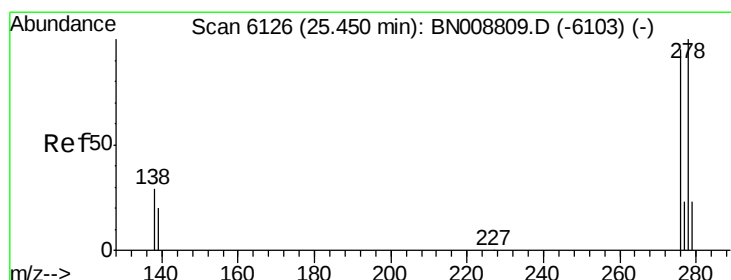
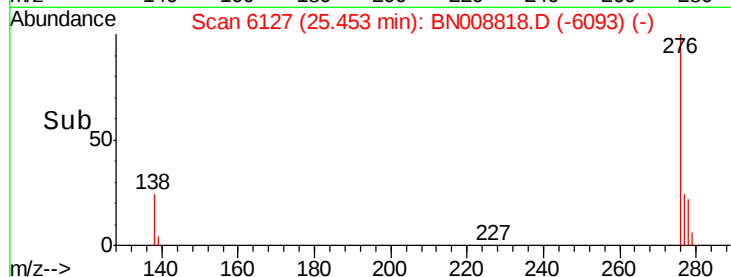
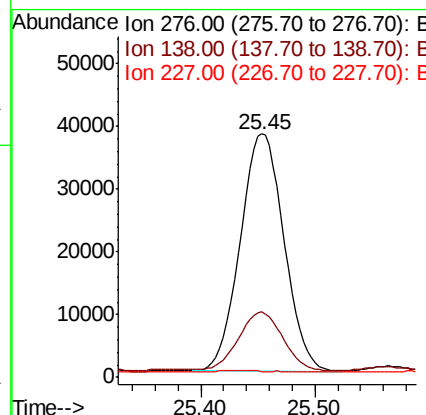
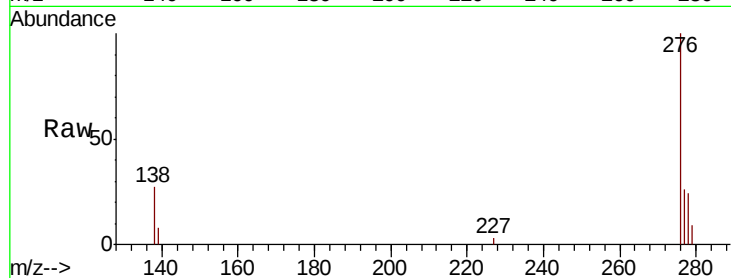
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.583 ng/ul
 RT: 25.45 min Scan# 6127
 Delta R.T. 0.01 min
 Lab File: BN008818.D
 Acq: 02 Dec 2019 17:18

Instrument :
 BNA_N
 ClientSampled :
 C0AA3

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	23.8	35.6
227	0.2	0.2	0.2

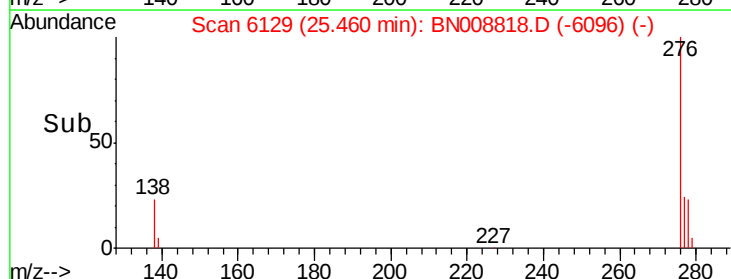
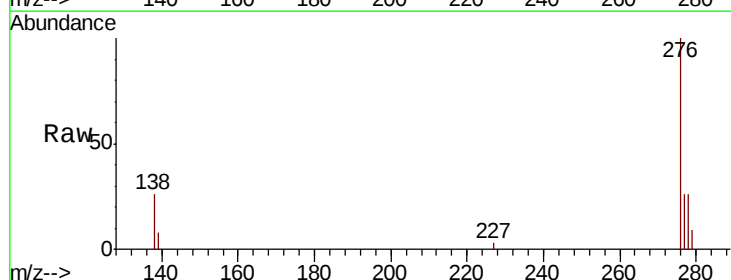
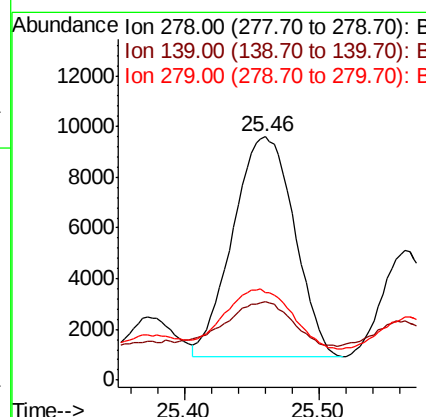
Manual Integrations
 APPROVED

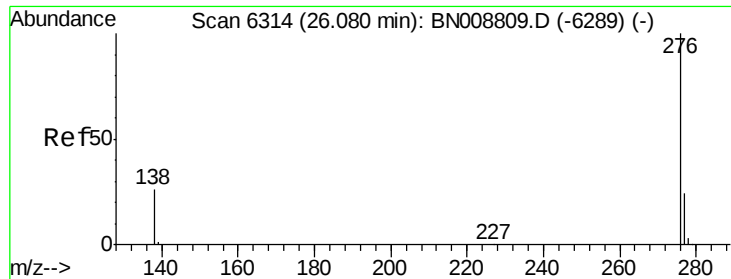
mohammad
 12/3/2019 2:38:57 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.535 ng/ul
 RT: 25.46 min Scan# 6129
 Delta R.T. 0.01 min
 Lab File: BN008818.D
 Acq: 02 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.3	17.4	26.0#
279	35.9	20.5	30.7#





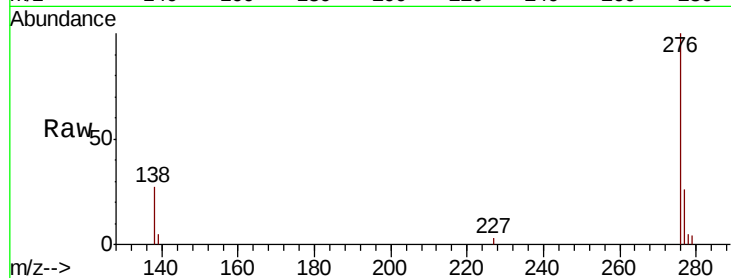
#26
 Benzo(a,h,i)perylene
 Concen: 1.662 ng/ul
 RT: 26.10 min Scan# 6321
 Delta R.T. 0.02 min
 Lab File: BN008818.D
 Acq: 02 Dec 2019 17:18

Instrument :
 BNA_N
 ClientSampleId :
 C0AA3

Tot Ion:	276	Resp:	88342
Ion Ratio	Lower	Upper	
276	100		
138	26.7	21.9	32.9
277	25.9	19.9	29.9

Manual Integrations
 APPROVED

mohammad
 12/3/2019 2:38:57 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

