

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009056.D
 Acq On : 20 Dec 2019 07:21
 Operator : JU
 Sample : K6171-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BW1

Manual Integrations
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Quant Time: Dec 20 11:01:39 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 : Thu Dec 19 15:54:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4261	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	16534	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8996	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	17482	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9000	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8633	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	5135	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	9026	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.34	128	4662	0.093	ng/ul	96
5) 2-Methylnaphthalene	11.96	142	4579	0.121	ng/ul	100
7) Acenaphthylene	13.88	152	3297	0.070	ng/ul#	92
8) Acenaphthene	14.23	153	1419	0.038	ng/ul	97
9) Fluorene	15.22	166	3066	0.070	ng/ul#	95
12) Phenanthrene	16.95	178	68976	1.135	ng/ul	100
13) Anthracene	17.05	178	10322	0.189	ng/ul	98
15) Fluoranthene	18.98	202	140861	2.026	ng/ul	97
17) Pyrene	19.34	202	114745	2.499	ng/ul	99
18) Benzo(a)anthracene	21.10	228	52370	1.310	ng/ul#	87
19) Chrysene	21.15	228	63306	1.576	ng/ul#	92
21) Benzo(b)fluoranthene	22.63	252	74738m	1.854	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	26446m	0.651	ng/ul	
23) Benzo(a)pyrene	23.16	252	58335	1.651	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.36	276	41875	1.088	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.36	278	10725	0.350	ng/ul#	61
26) Benzo(a,h,i)perylene	25.99	276	64434	1.988	ng/ul	99

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

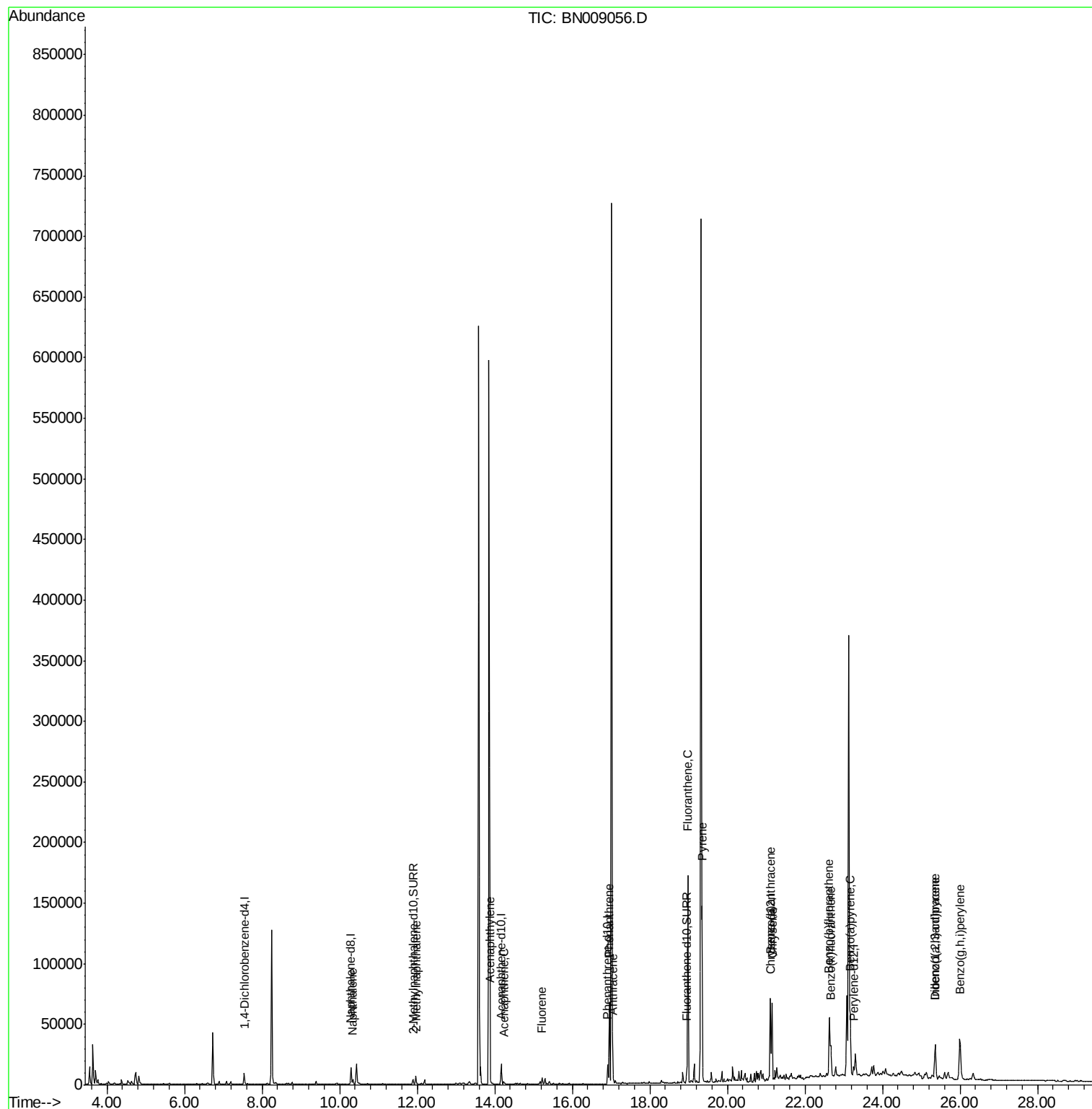
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
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Sample : K6171-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

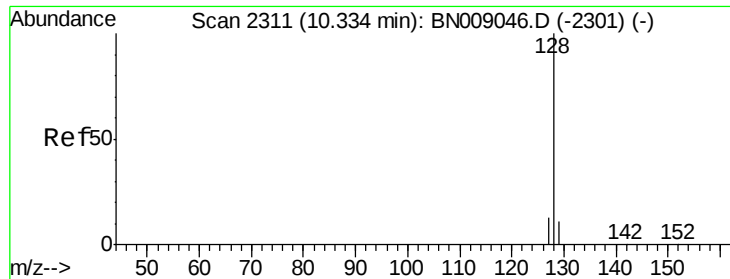
Instrument :
BNA_N
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C0BW1

Quant Time: Dec 20 11:01:39 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 : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.093 ng/ul

RT: 10.34 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

Instrument :

BNA_N

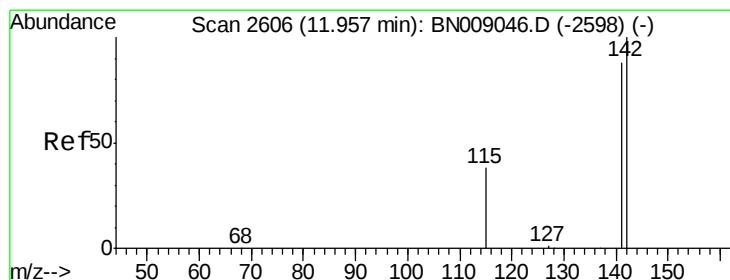
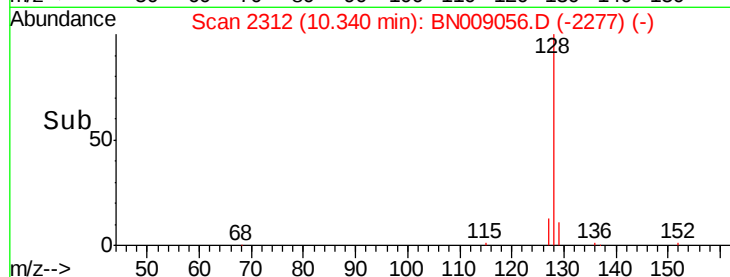
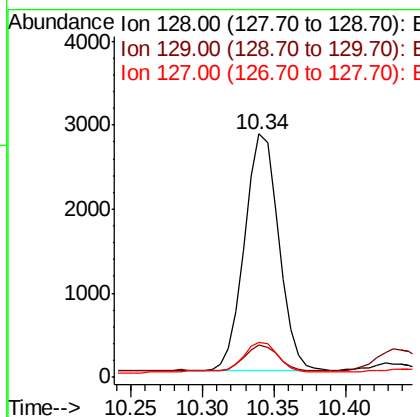
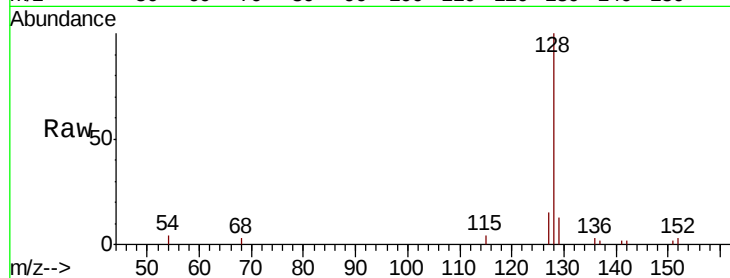
ClientSampleId :

C0BW1

Tot Ion:128	Resp:	4662
Ion Ratio	Lower	Upper
128	100	
129	13.4	9.0 13.4
127	14.5	10.9 16.3

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#5

2-Methylnaphthalene

Concen: 0.121 ng/ul

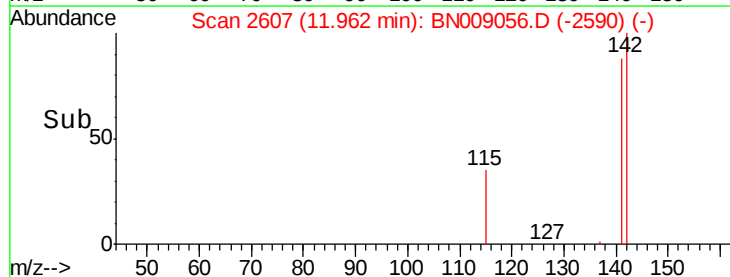
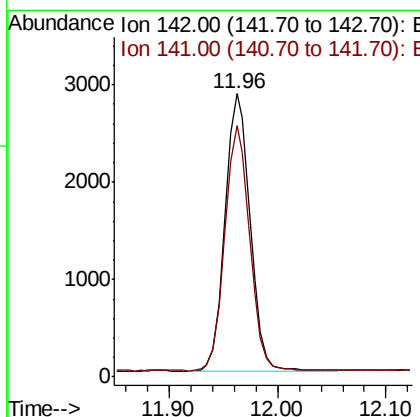
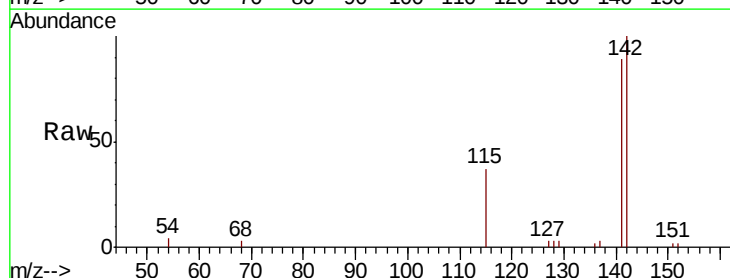
RT: 11.96 min Scan# 2607

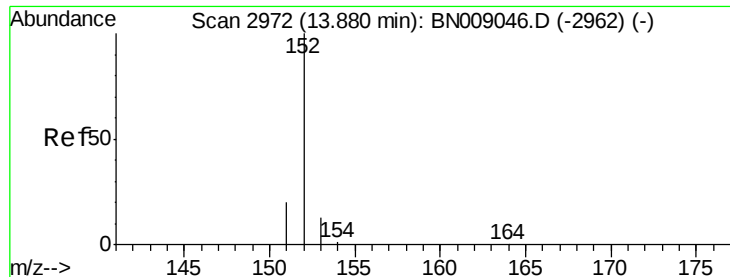
Delta R.T. -0.01 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

Tgt Ion:142	Resp:	4579
Ion Ratio	Lower	Upper
142	100	
141	87.6	70.2 105.4





#7

Acenaphthylene

Concen: 0.070 ng/ul

RT: 13.88 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

Instrument :

BNA_N

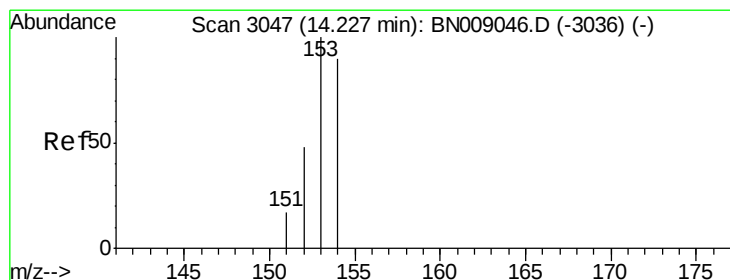
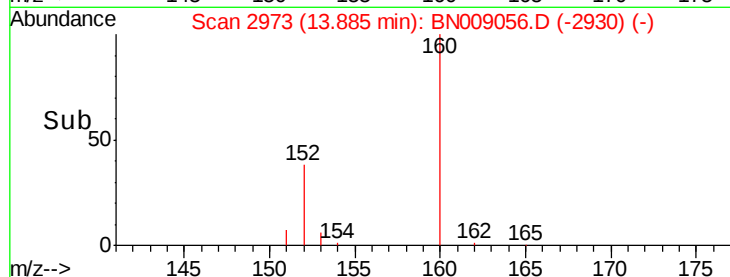
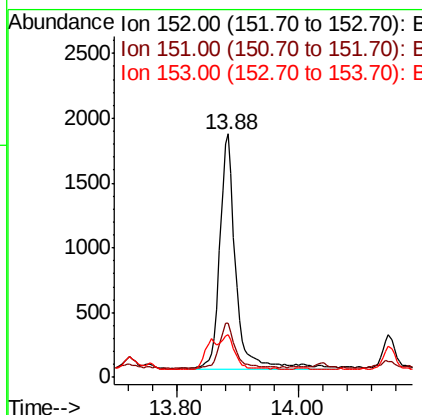
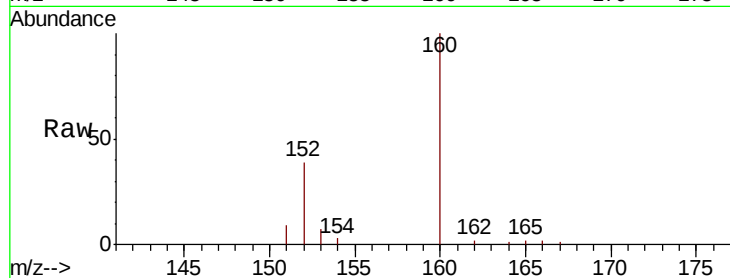
ClientSampleId :

C0BW1

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.4	15.7	23.5
153	17.6	10.8	16.2

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#8

Acenaphthene

Concen: 0.038 ng/ul

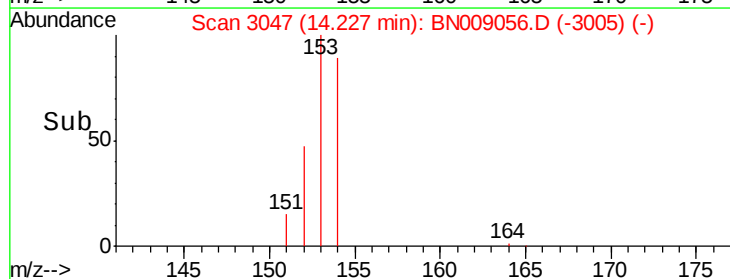
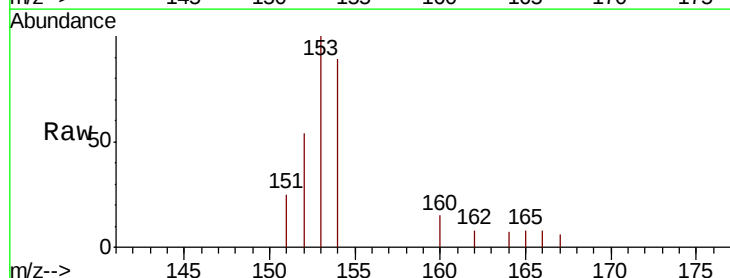
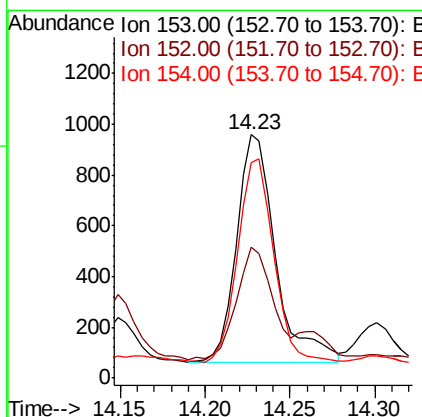
RT: 14.23 min Scan# 3047

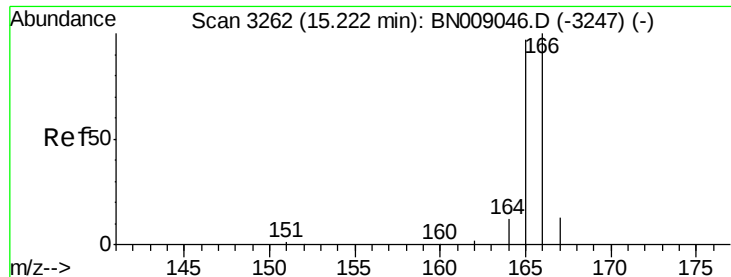
Delta R.T. -0.00 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.6	39.5	59.3
154	88.6	71.3	106.9





#9

Fluorene

Concen: 0.070 ng/ul

RT: 15.22 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

Instrument :

BNA_N

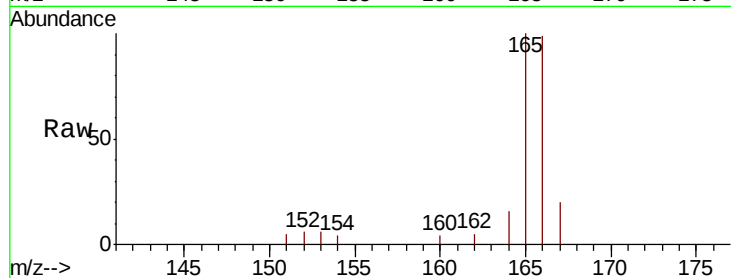
ClientSampleId :

C0BW1

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.2	117.4
167	20.7	11.0	16.6

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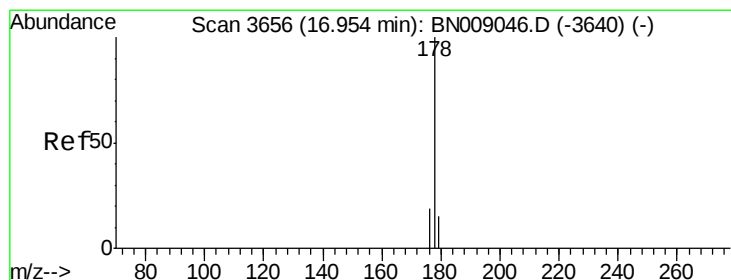
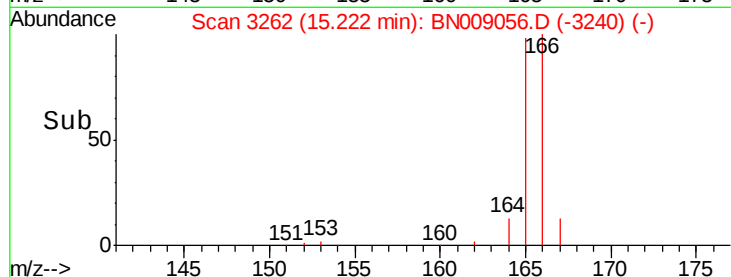
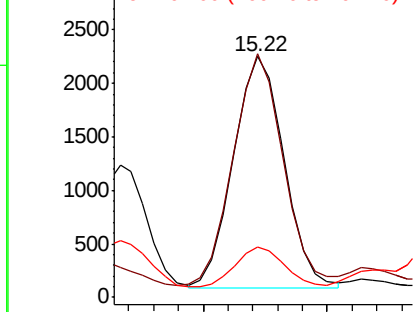


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 1.135 ng/ul

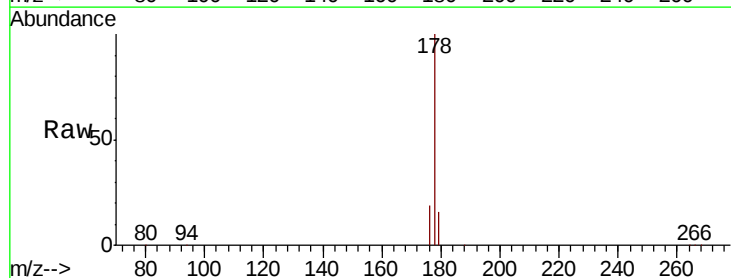
RT: 16.95 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.9	15.1	22.7

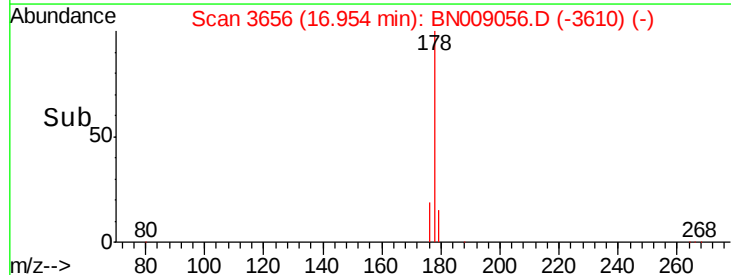
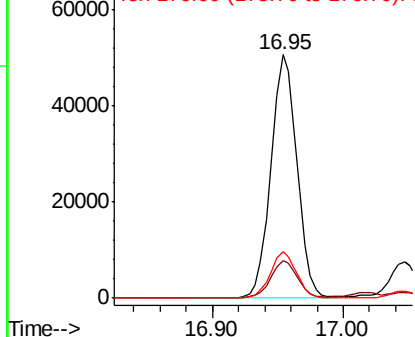


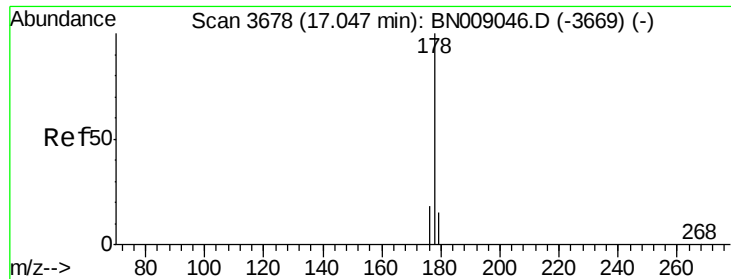
Abundance

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





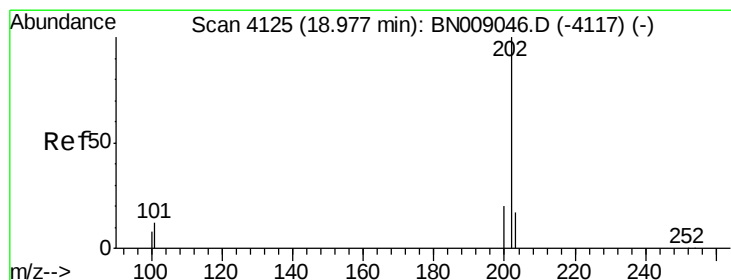
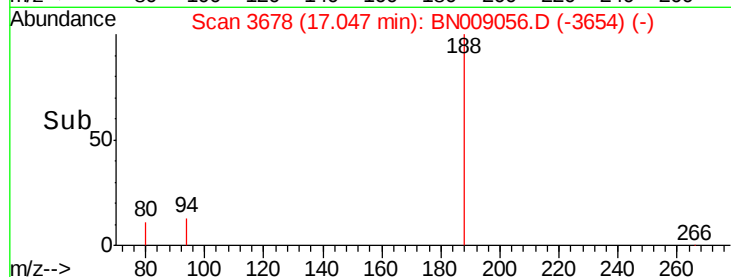
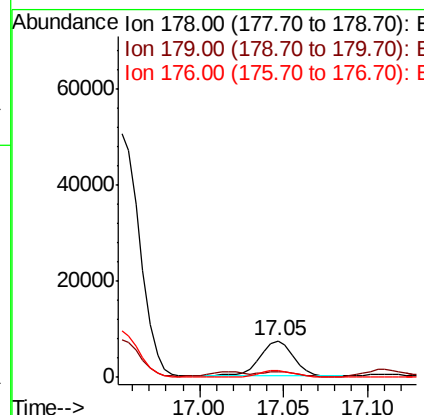
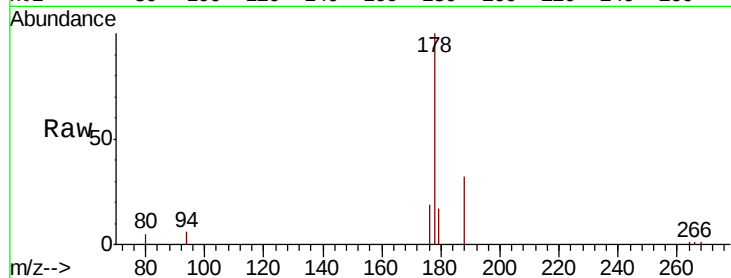
#13
 Anthracene
 Concen: 0.189 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. 0.00 min
 Lab File: BN009056.D
 Acq: 20 Dec 2019 07:21

Instrument :
 BNA_N
 ClientSampleId :
 C0BW1

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
179	16.7	12.5	18.7	
176	19.3	14.9	22.3	

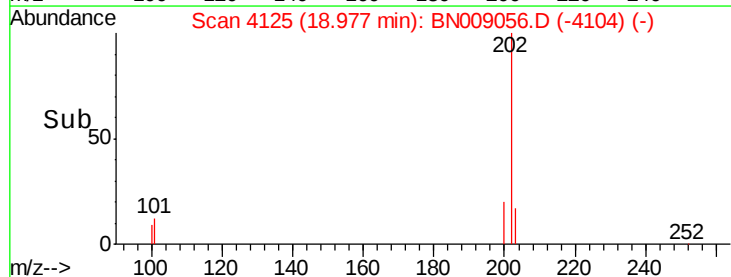
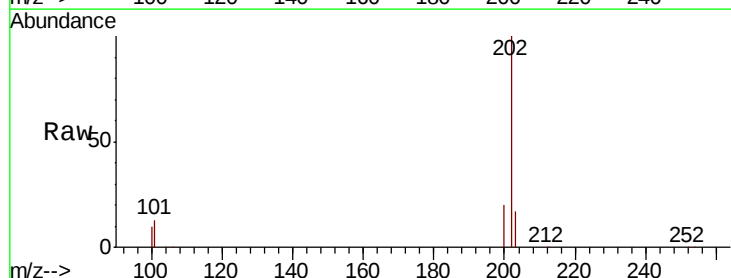
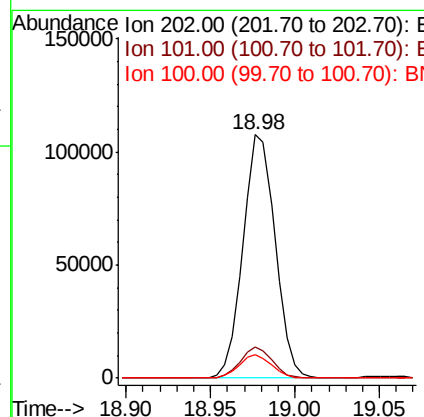
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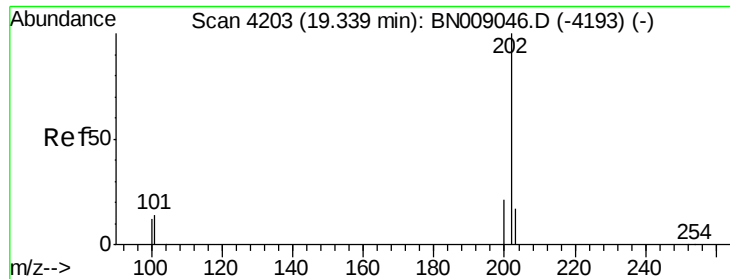
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#15
 Fluoranthene
 Concen: 2.026 ng/ul
 RT: 18.98 min Scan# 4125
 Delta R.T. -0.00 min
 Lab File: BN009056.D
 Acq: 20 Dec 2019 07:21

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	12.7	0.0	31.5	
100	9.6	0.0	28.9	





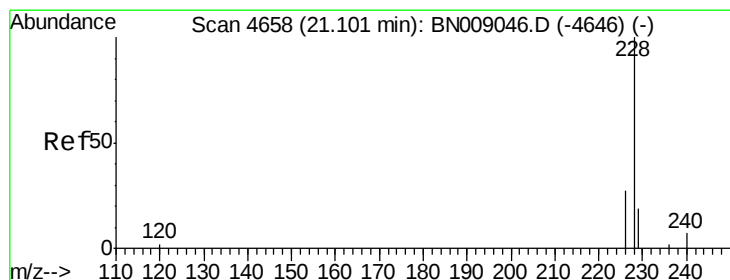
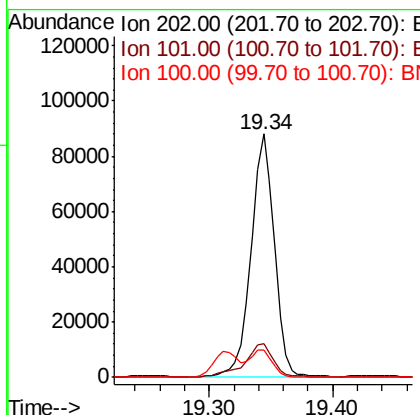
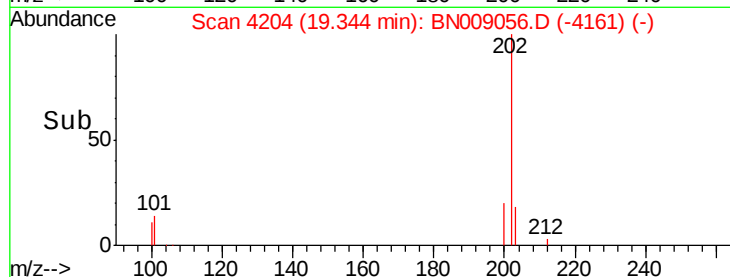
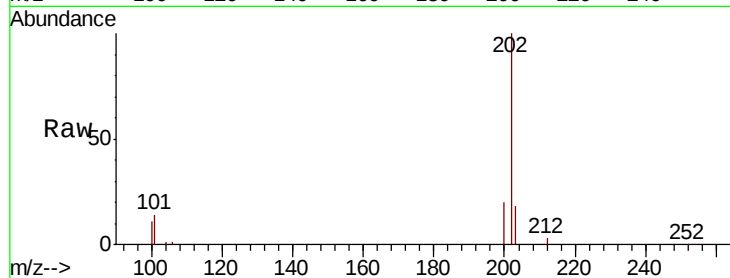
#17
Pvrene
Concen: 2.499 ng/ul
RT: 19.34 min Scan# 4204
Delta R.T. 0.00 min
Lab File: BN009056.D
Acq: 20 Dec 2019 07:21

Instrument :
BNA_N
ClientSampleId :
C0BW1

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.0	9.0	13.6

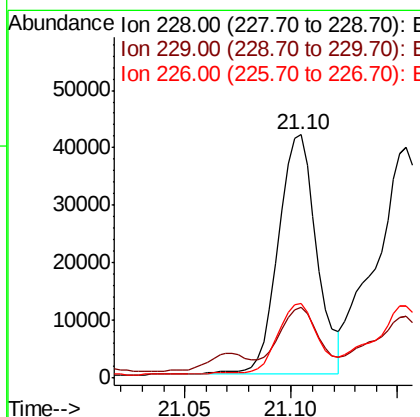
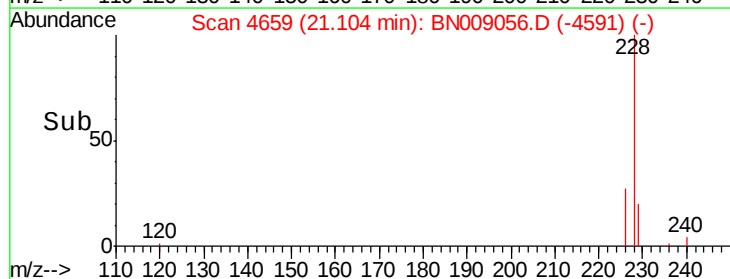
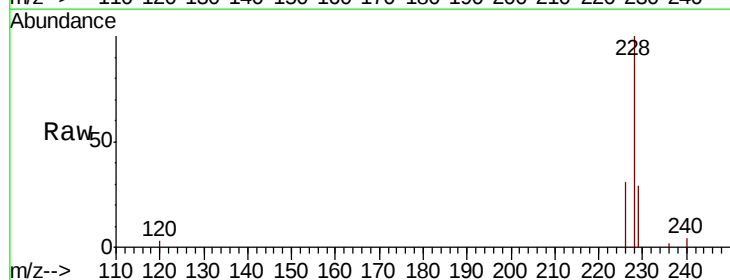
Manual Integrations
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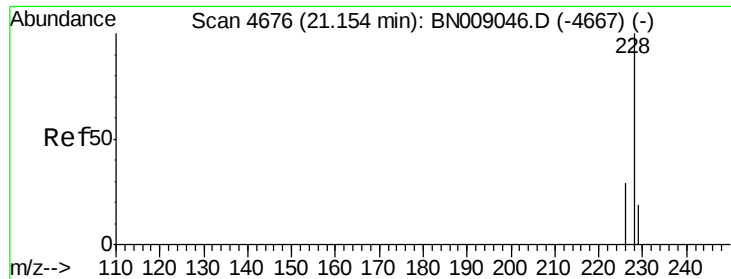
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#18
Benzo(a)anthracene
Concen: 1.310 ng/ul
RT: 21.10 min Scan# 4659
Delta R.T. 0.00 min
Lab File: BN009056.D
Acq: 20 Dec 2019 07:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	29.0	15.5	23.3#
226	30.6	21.7	32.5





#19

Chrysene

Concen: 1.576 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.00 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

Instrument :

BNA_N

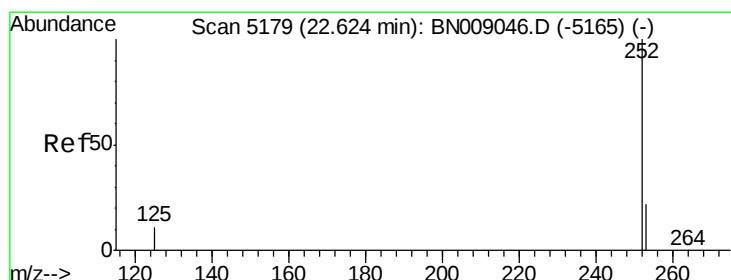
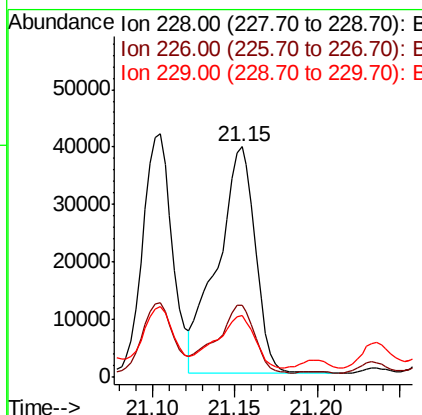
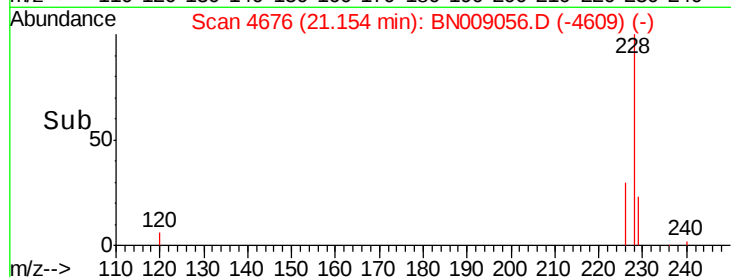
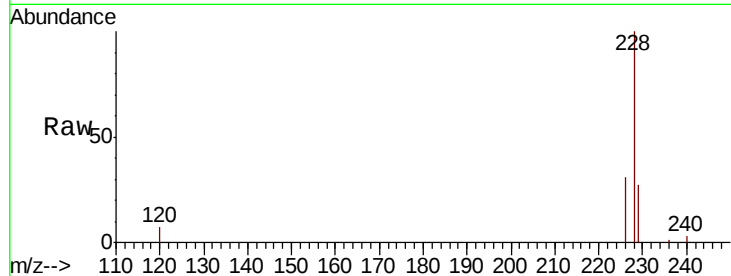
ClientSampled :

C0BW1

Tot Ion:	228	Resp:	63306
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.7	35.5
229	26.6	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 1.854 ng/ul m

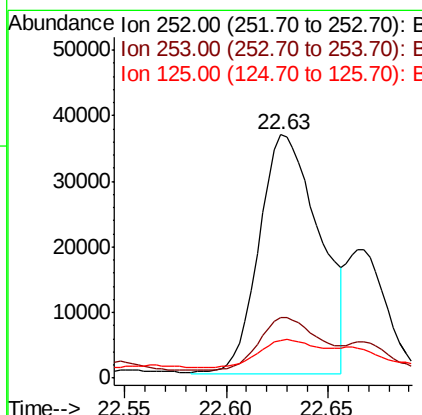
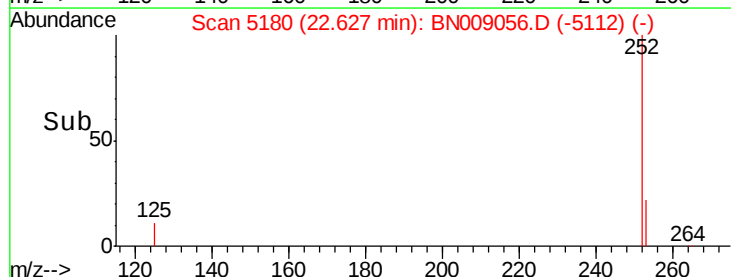
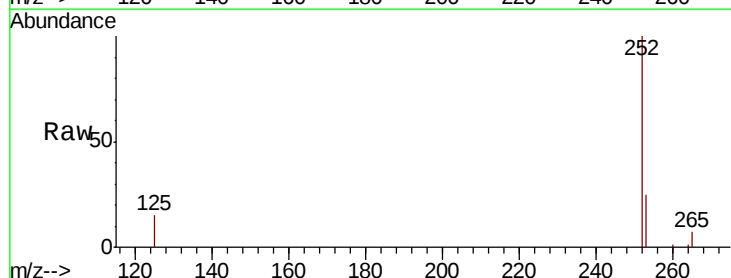
RT: 22.63 min Scan# 5180

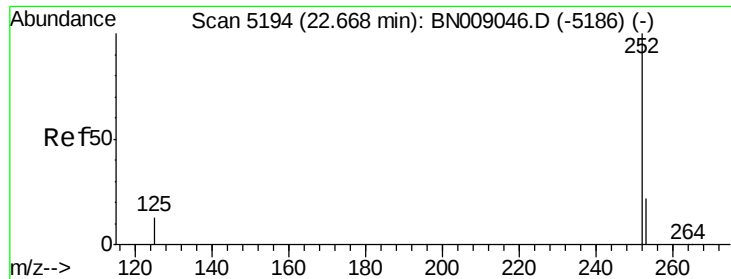
Delta R.T. 0.00 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

Tgt Ion:	252	Resp:	74738
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	48.2
125	15.5	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.651 ng/ul

RT: 22.66 min Scan# 5193

Delta R.T. -0.00 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

Instrument :

BNA_N

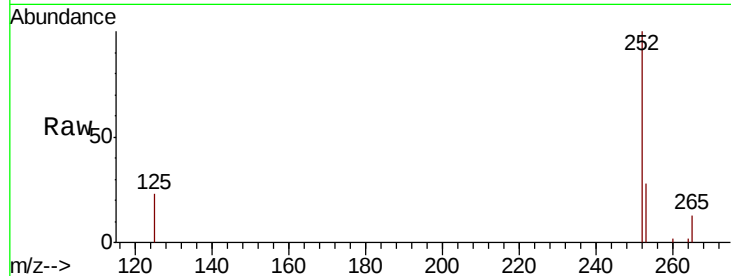
ClientSampleId :

C0BW1

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.4	29.0
125	23.5	12.4	18.6

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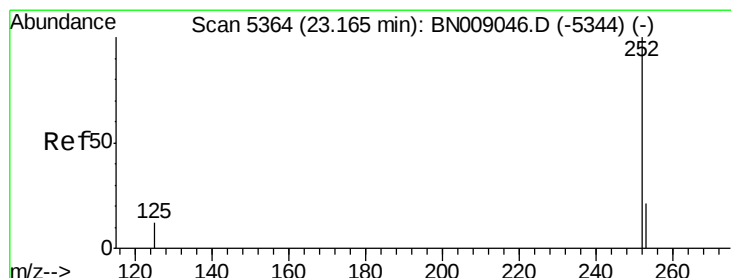
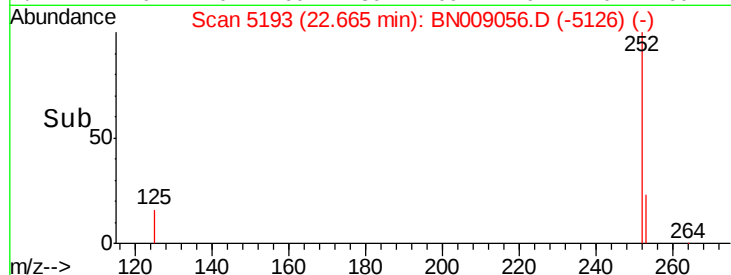
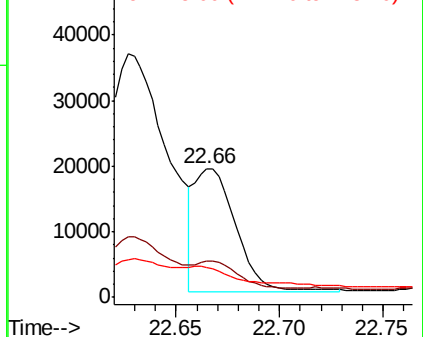


Abundance

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: 1.651 ng/ul

RT: 23.16 min Scan# 5364

Delta R.T. 0.00 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

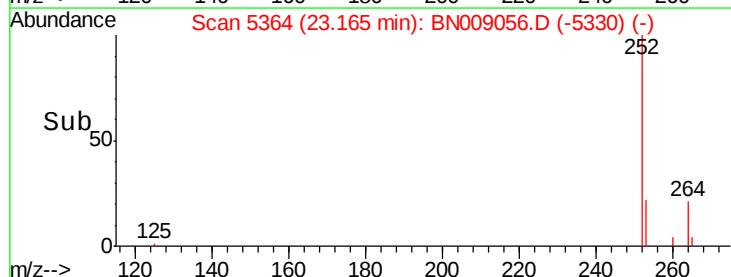
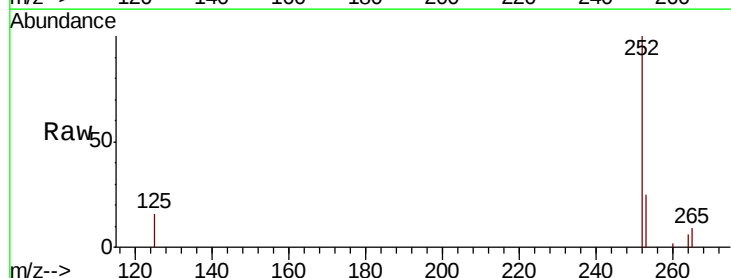
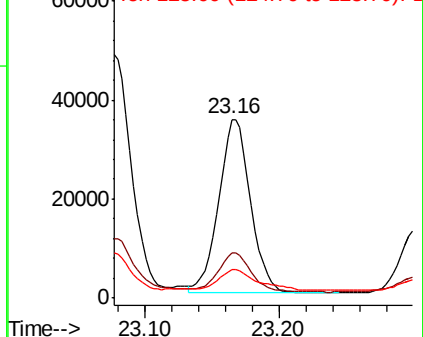
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.2	30.4
125	16.1	13.2	19.8

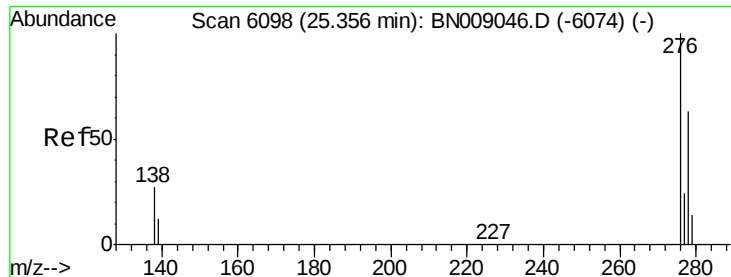
Abundance

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: 1.088 ng/ul

RT: 25.36 min Scan# 6099

Delta R.T. 0.00 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

Instrument :

BNA_N

ClientSampleId :

C0BW1

Tot Ion:276 Resp: 41875

Ion Ratio Lower Upper

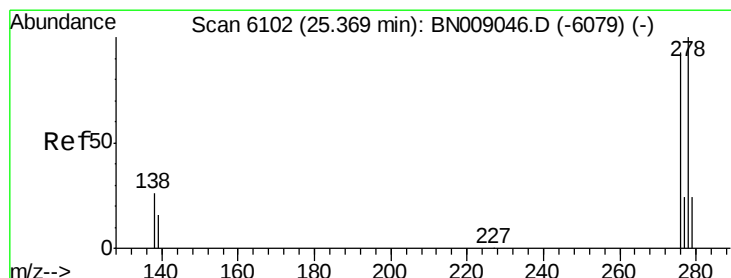
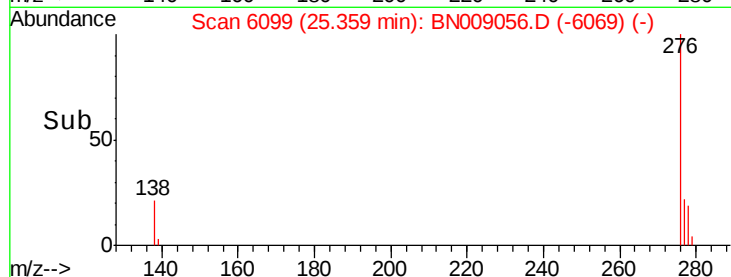
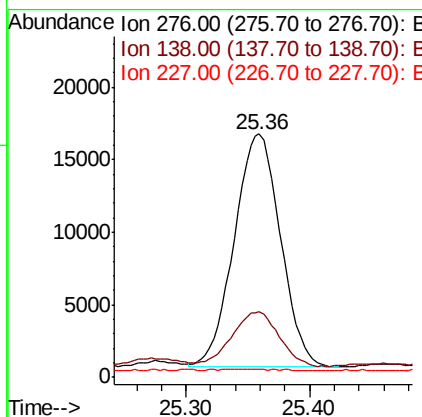
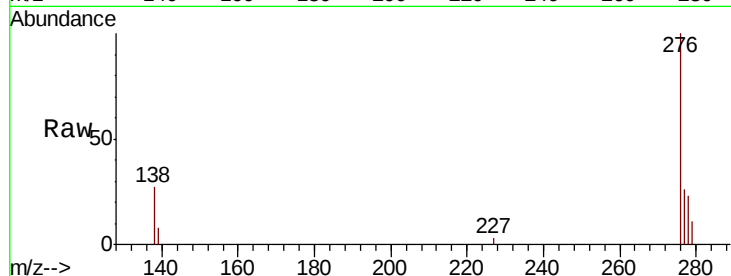
276 100

138 23.7 22.4 33.6

227 0.2 0.2 0.4#

Manual Integrations
APPROVED

Sohil
12/20/2019 4:30:06 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.350 ng/ul

RT: 25.36 min Scan# 6100

Delta R.T. -0.01 min

Lab File: BN009056.D

Acq: 20 Dec 2019 07:21

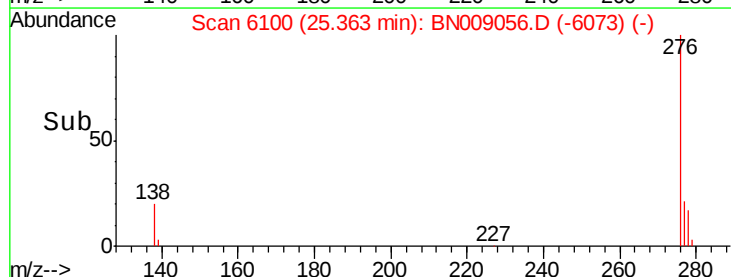
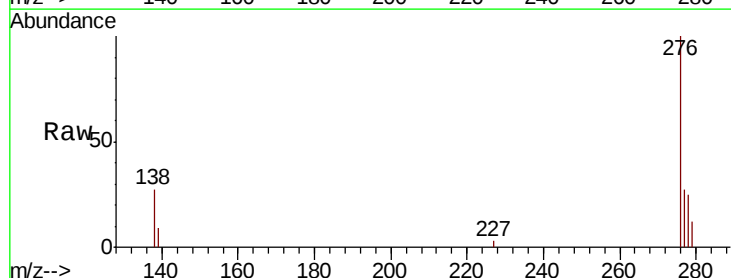
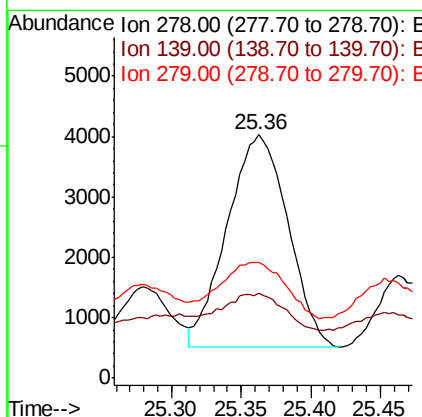
Tgt Ion:278 Resp: 10725

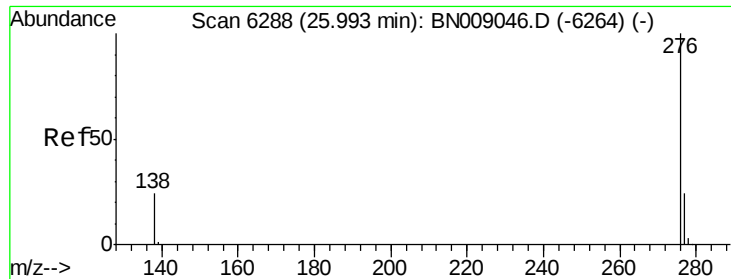
Ion Ratio Lower Upper

278 100

139 34.8 16.2 24.2#

279 47.6 20.3 30.5#





#26
 Benzo(a,h,i)perylene
 Concen: 1.988 ng/ul
 RT: 25.99 min Scan# 6288
 Delta R.T. 0.00 min
 Lab File: BN009056.D
 Acq: 20 Dec 2019 07:21

Instrument :
 BNA_N
 ClientSampleId :
 C0BW1

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.6	30.8
277	25.3	19.6	29.4

Manual Integrations
 APPROVED

Sohil
 12/20/2019 4:30:06 PM

