

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
 Data File : BN009114.D
 Acq On : 24 Dec 2019 07:58
 Operator : JU
 Sample : K6254-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C15

Manual Integrations
 APPROVED

mohammad
 12/24/2019 3:00:39 PM

Quant Time: Dec 24 10:55:59 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	3598	0.40	ng/ul	0.00
2) Naphthalene-d8	10.28	136	13454	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	7210	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	13605	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	7583	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	7655	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.88	152	3007	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	5326	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.33	128	1012	0.025	ng/ul#	83
5) 2-Methylnaphthalene	11.96	142	1103	0.036	ng/ul	99
12) Phenanthrene	16.95	178	7670	0.162	ng/ul	99
15) Fluoranthene	18.97	202	11153	0.206	ng/ul	97
17) Pyrene	19.33	202	8945	0.231	ng/ul	96
18) Benzo(a)anthracene	21.10	228	2806	0.083	ng/ul#	92
19) Chrysene	21.15	228	3858	0.114	ng/ul#	92
21) Benzo(b)fluoranthene	22.62	252	4245m	0.119	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	1544m	0.043	ng/ul	
23) Benzo(a)pyrene	23.16	252	1979	0.063	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	25.35	276	1595	0.047	ng/ul#	90
26) Benzo(g,h,i)perylene	25.98	276	1676	0.058	ng/ul#	76

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

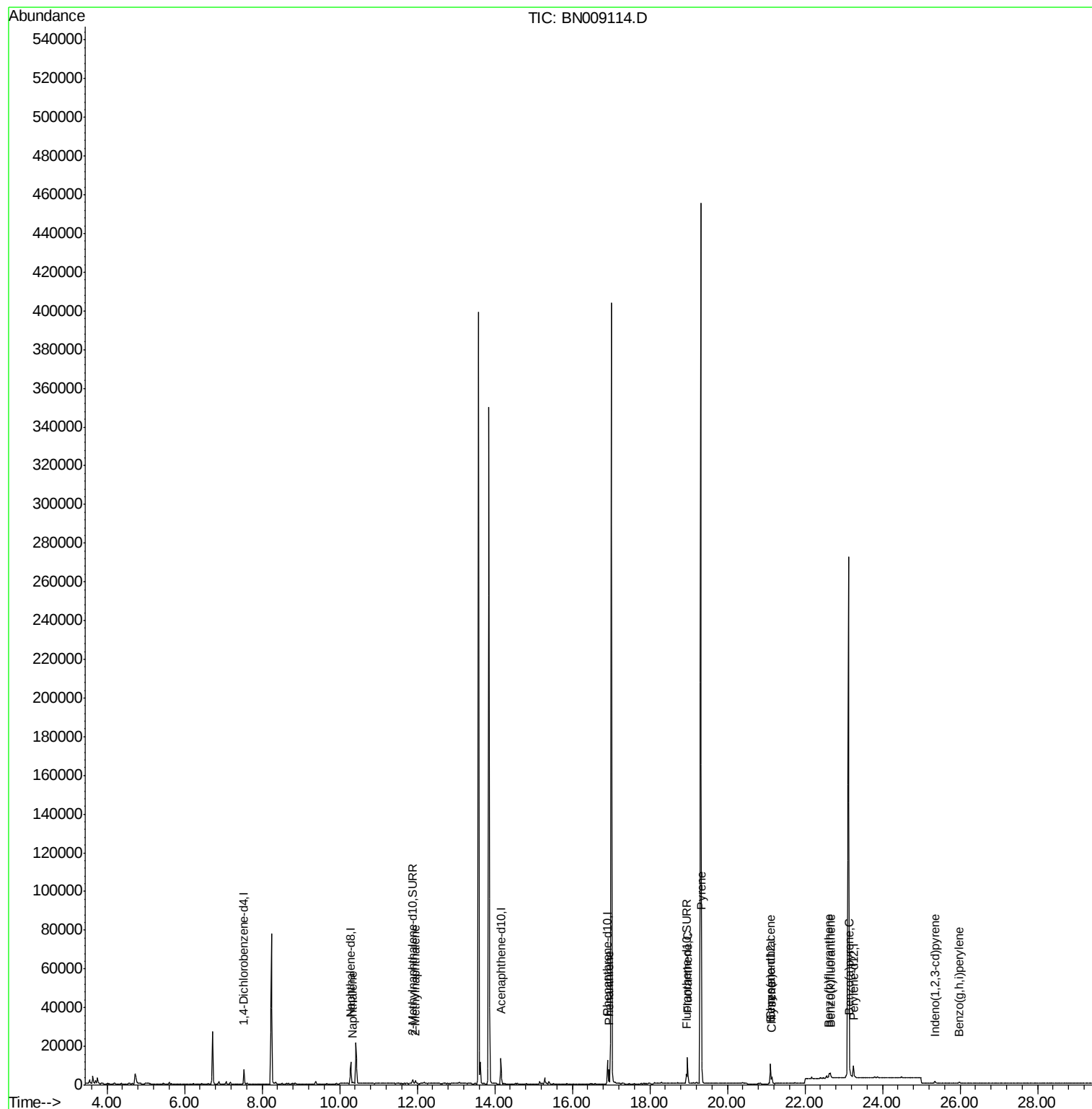
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
Data File : BN009114.D
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ALS Vial : 30 Sample Multiplier: 1

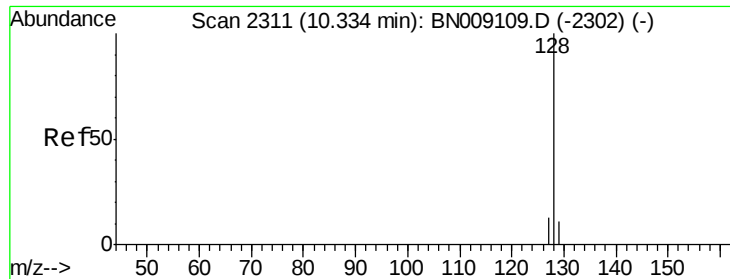
Instrument :
BNA_N
ClientSampleId :
C0C15

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QLast Update : Tue Dec 24 06:49:13 2019
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#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.33 min Scan# 2311

Delta R.T. 0.00 min

Lab File: BN009114.D

Acq: 24 Dec 2019 07:58

Instrument :

BNA_N

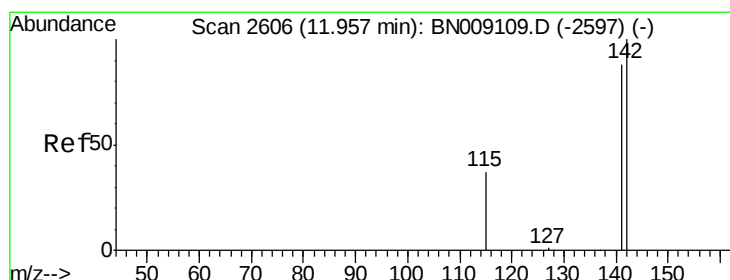
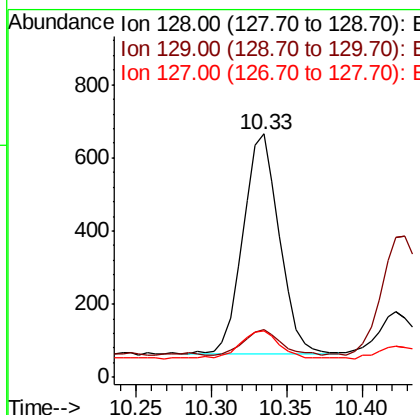
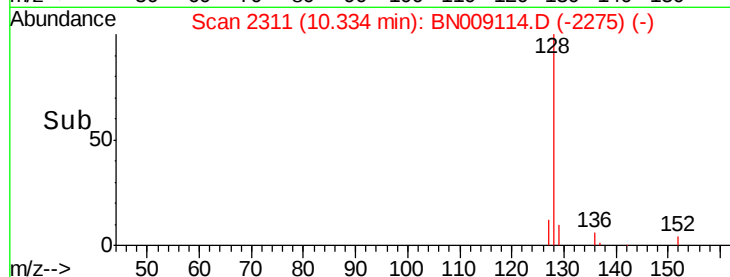
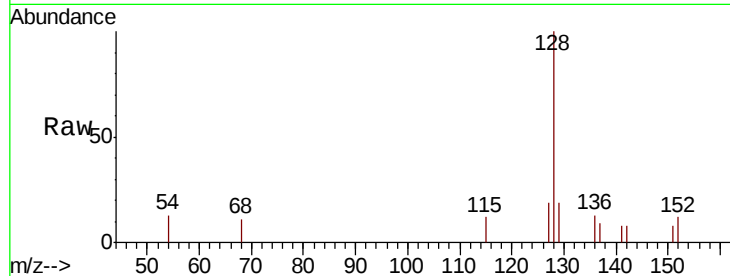
ClientSampleId :

C0C15

Tot Ion:	128	Resp:	1012
Ion Ratio	Lower	Upper	
128	100		
129	19.4	9.0	13.4#
127	18.9	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.036 ng/ul

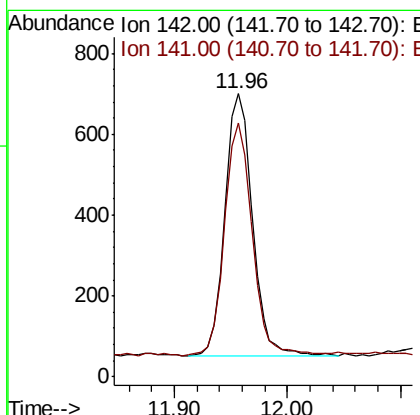
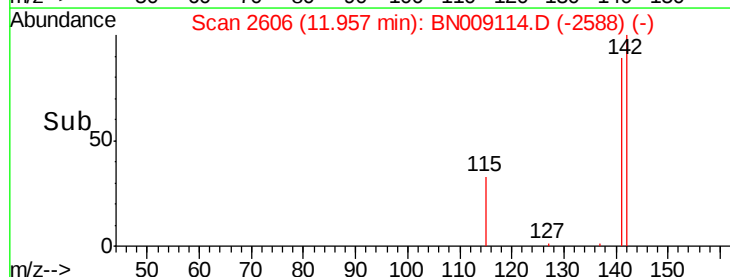
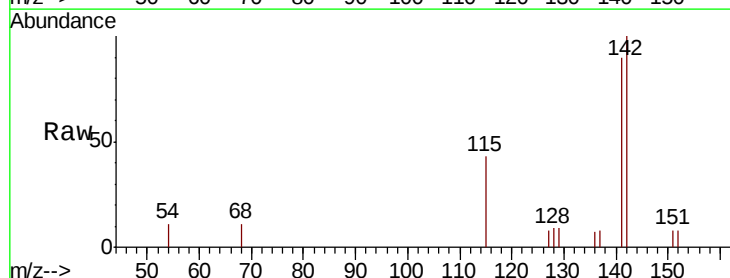
RT: 11.96 min Scan# 2606

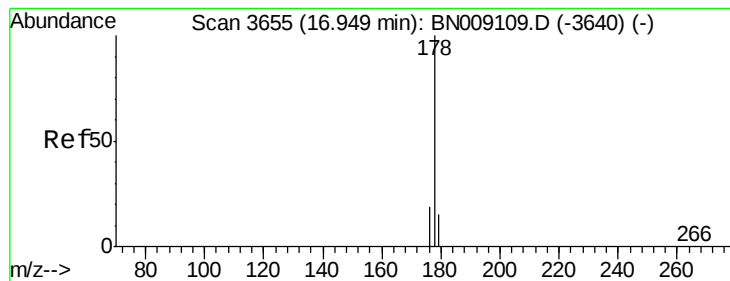
Delta R.T. 0.00 min

Lab File: BN009114.D

Acq: 24 Dec 2019 07:58

Tgt Ion:	142	Resp:	1103
Ion Ratio	Lower	Upper	
142	100		
141	88.8	70.2	105.4





#12

Phenanthrene

Concen: 0.162 ng/ul

RT: 16.95 min Scan# 3654

Delta R.T. -0.00 min

Lab File: BN009114.D

Acq: 24 Dec 2019 07:58

Instrument :

BNA_N

ClientSampleId :

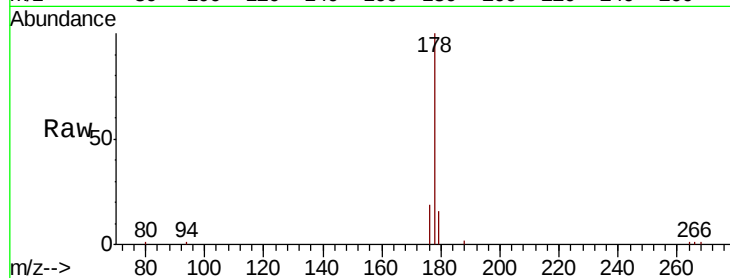
C0C15

Tot Ion:178 Resp: 7670

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.4	15.1	22.7

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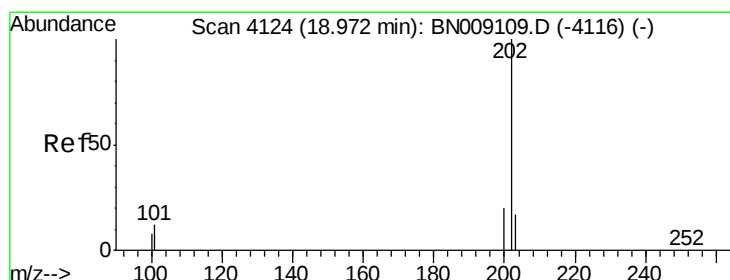
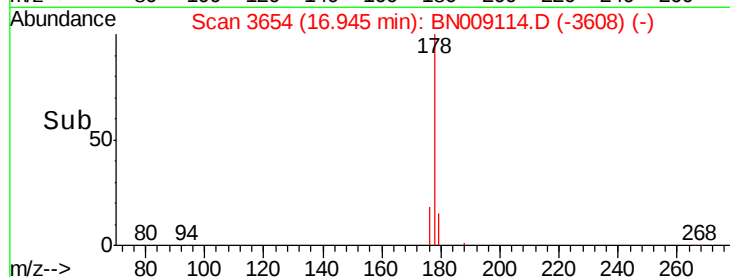
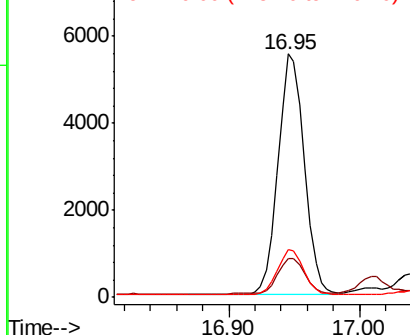


Abundance

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: 0.206 ng/ul

RT: 18.97 min Scan# 4124

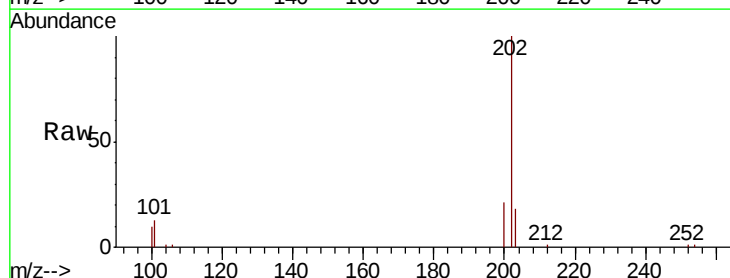
Delta R.T. 0.00 min

Lab File: BN009114.D

Acq: 24 Dec 2019 07:58

Tgt Ion:202 Resp: 11153

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.5
100	9.7	0.0	28.9

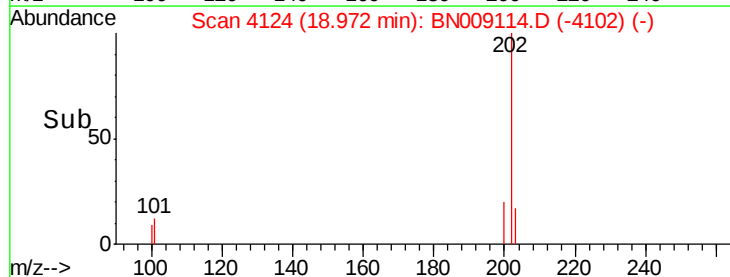
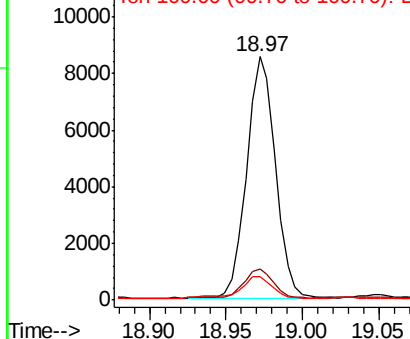


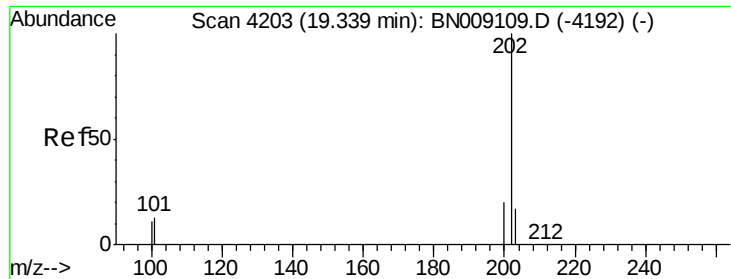
Abundance

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: 0.231 ng/ul

RT: 19.33 min Scan# 4202

Delta R.T. -0.00 min

Lab File: BN009114.D

Acq: 24 Dec 2019 07:58

Instrument :

BNA_N

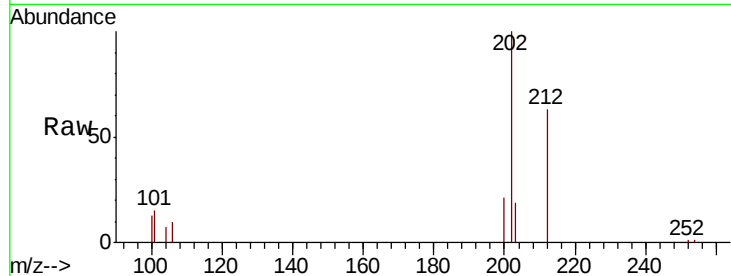
ClientSampleId :

C0C15

Tot Ion:	202	Resp:	8945
Ion Ratio	Lower	Upper	
202	100		
101	15.1	10.9	16.3
100	13.0	9.0	13.6

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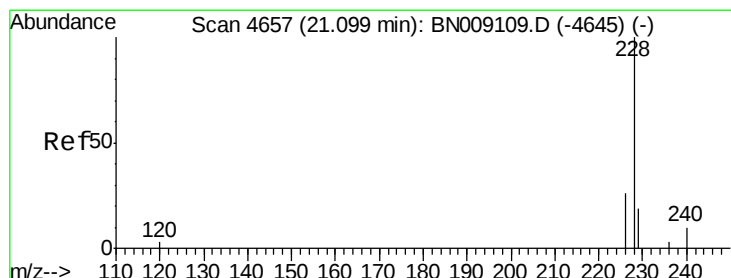
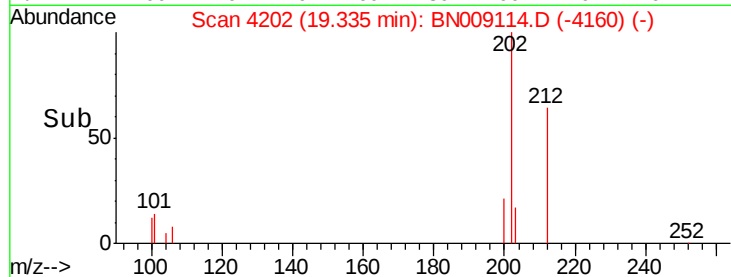
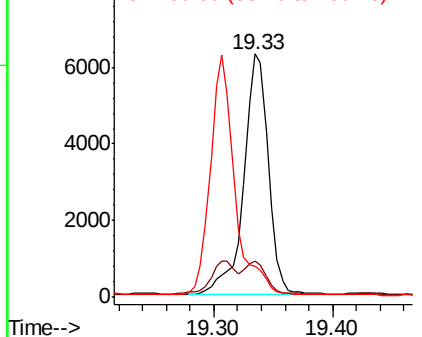


Abundance

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



#18

Benzo(a)anthracene

Concen: 0.083 ng/ul

RT: 21.10 min Scan# 4657

Delta R.T. 0.00 min

Lab File: BN009114.D

Acq: 24 Dec 2019 07:58

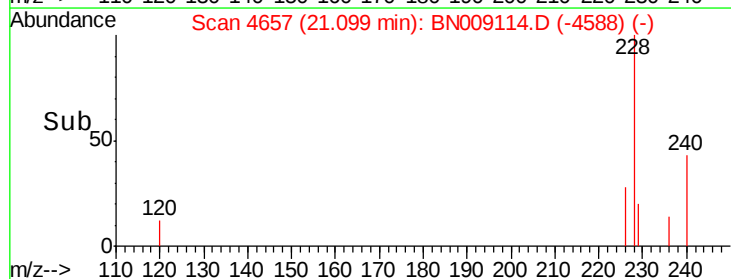
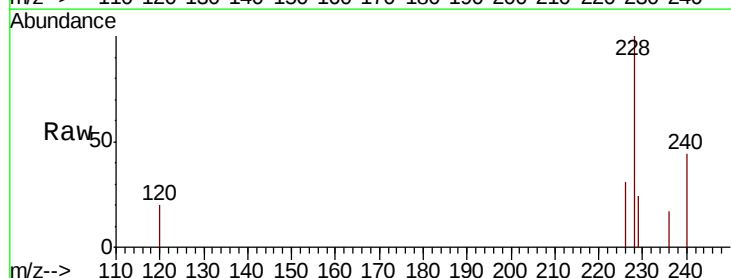
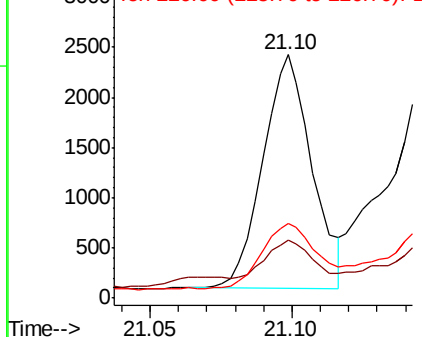
Tgt Ion:	228	Resp:	2806
Ion Ratio	Lower	Upper	
228	100		
229	23.7	15.5	23.3#
226	30.7	21.7	32.5

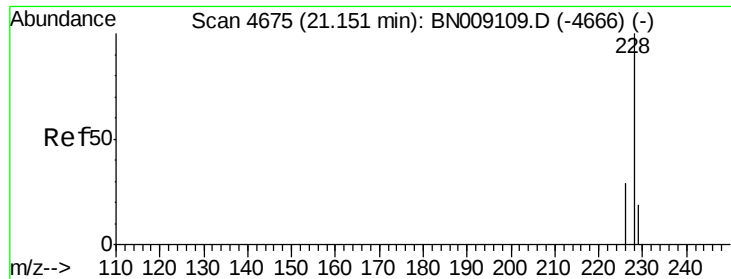
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.114 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. -0.00 min

Lab File: BN009114.D

Acq: 24 Dec 2019 07:58

Instrument :

BNA_N

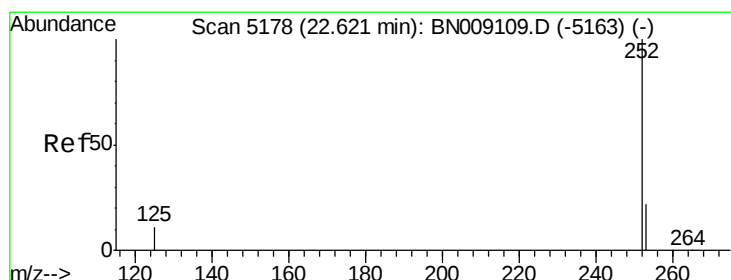
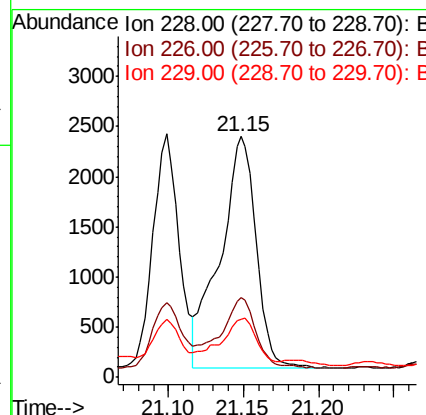
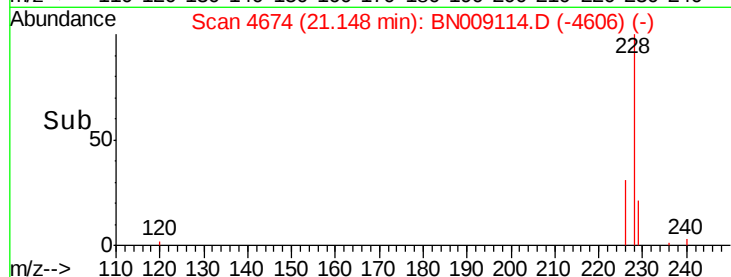
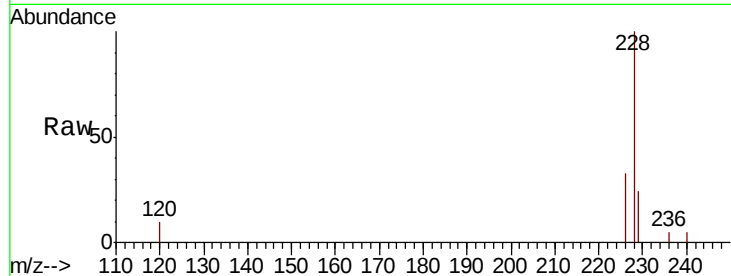
ClientSampleId :

C0C15

Tot Ion:	228	Resp:	3858
Ion Ratio	Lower	Upper	
228	100		
226	33.0	23.7	35.5
229	24.3	15.4	23.0#

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#21

Benzo(b)fluoranthene

Concen: 0.119 ng/ul m

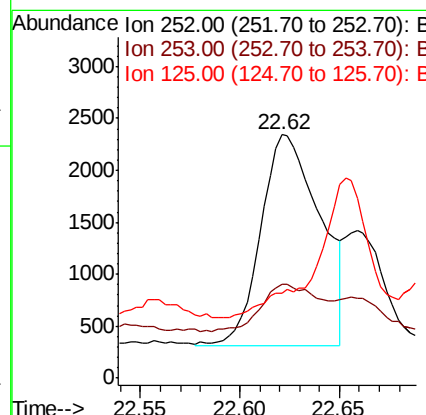
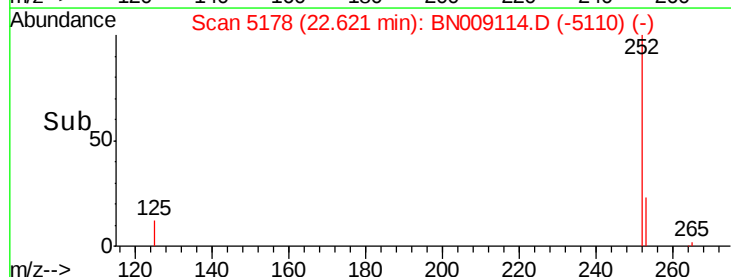
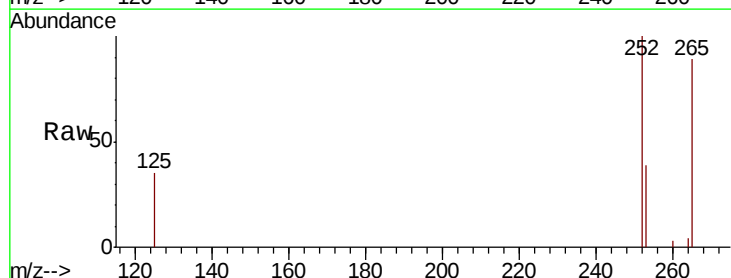
RT: 22.62 min Scan# 5178

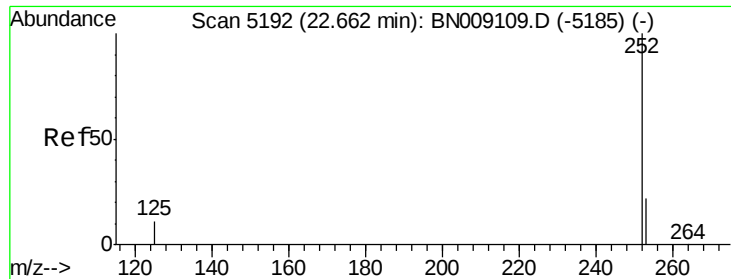
Delta R.T. 0.00 min

Lab File: BN009114.D

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Tgt Ion:	252	Resp:	4245
Ion Ratio	Lower	Upper	
252	100		
253	38.7	0.0	48.2
125	34.7	0.0	30.0#





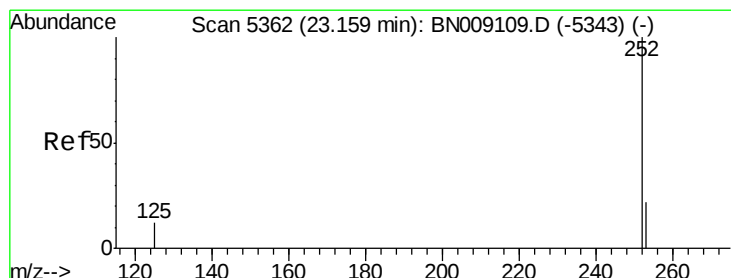
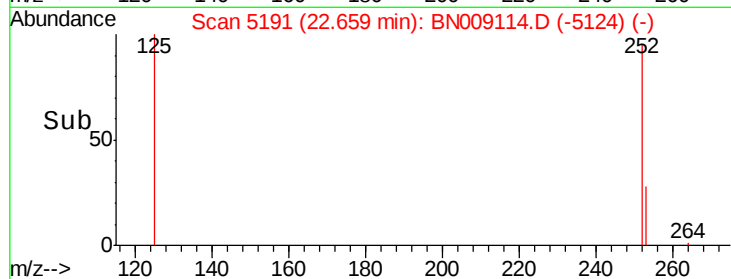
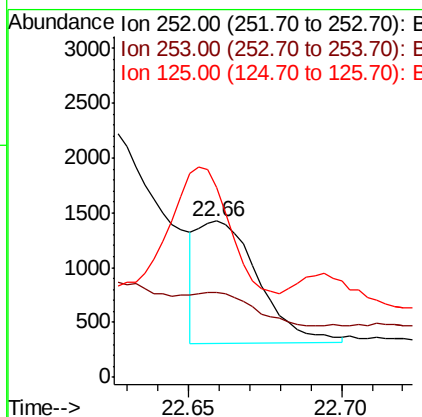
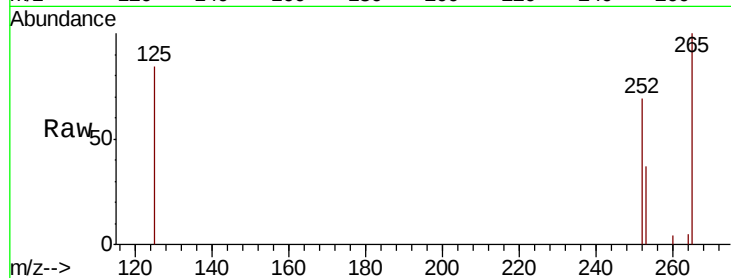
#22
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 22.66 min Scan# 5191
Delta R.T. -0.00 min
Lab File: BN009114.D
Acq: 24 Dec 2019 07:58

Instrument :
BNA_N
ClientSampleId :
C0C15

Tot Ion	Ratio	Lower	Upper
252	100		
253	54.0	19.4	29.0#
125	121.7	12.4	18.6#

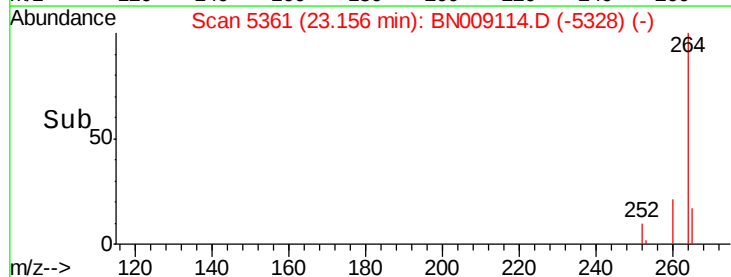
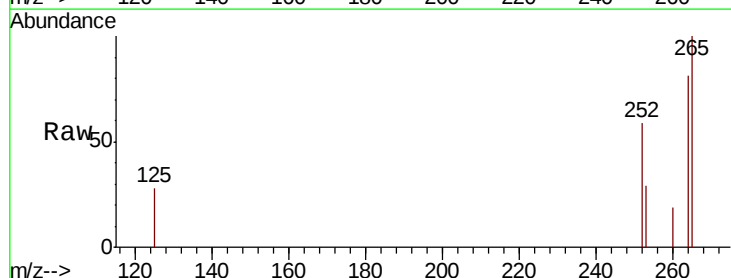
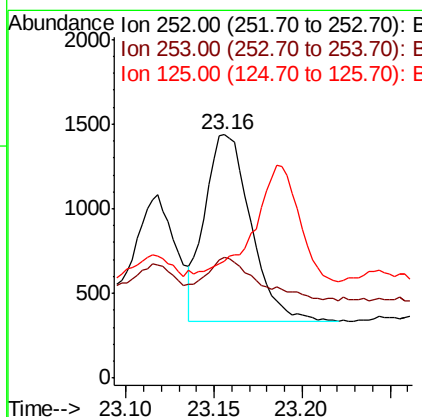
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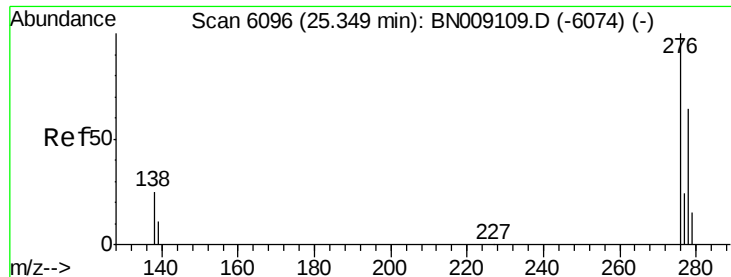
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#23
Benzo(a)pyrene
Concen: 0.063 ng/ul
RT: 23.16 min Scan# 5361
Delta R.T. -0.00 min
Lab File: BN009114.D
Acq: 24 Dec 2019 07:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.5	20.2	30.4#
125	48.0	13.2	19.8#





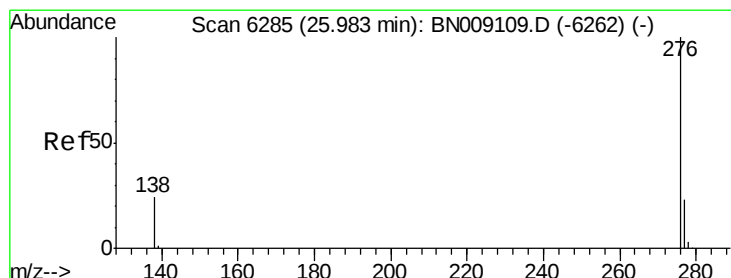
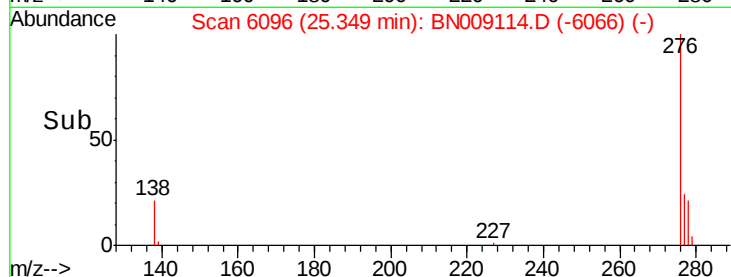
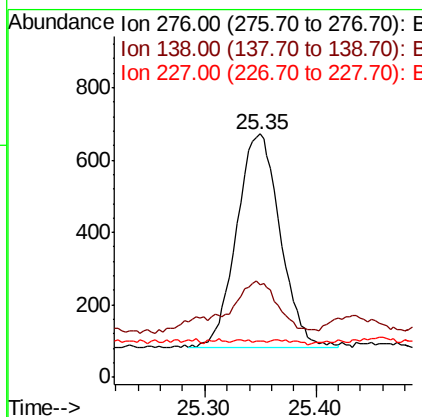
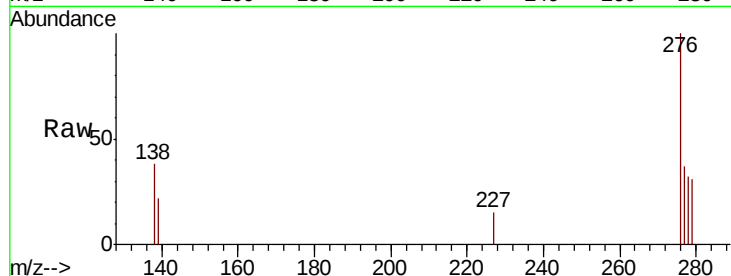
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.047 ng/u1
 RT: 25.35 min Scan# 6096
 Delta R.T. 0.00 min
 Lab File: BN009114.D
 Acq: 24 Dec 2019 07:58

Instrument :
 BNA_N
 ClientSampleId :
 C0C15

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	22.4	33.6
227	1.2	0.2	0.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.058 ng/u1
 RT: 25.98 min Scan# 6285
 Delta R.T. 0.00 min
 Lab File: BN009114.D
 Acq: 24 Dec 2019 07:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.7	20.6	30.8#
277	36.1	19.6	29.4#

