

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
 Data File : BN009113.D
 Acq On : 24 Dec 2019 07:22
 Operator : JU
 Sample : K6254-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C14

Manual Integrations
 APPROVED

mohammad
 12/24/2019 3:00:37 PM

Quant Time: Dec 24 08:06:40 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	3548	0.40	ng/ul	0.00
2) Naphthalene-d8	10.28	136	12967	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	6854	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	12844	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	7997	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	8225	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.88	152	3255	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	5662	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.33	128	1553	0.039	ng/ul#	87
5) 2-Methylnaphthalene	11.96	142	1715	0.058	ng/ul	98
12) Phenanthrene	16.95	178	2581	0.058	ng/ul	95
15) Fluoranthene	18.97	202	1334	0.026	ng/ul	83
17) Pyrene	19.34	202	1360	0.033	ng/ul#	84
19) Chrysene	21.15	228	1070	0.030	ng/ul#	78
21) Benzo(b)fluoranthene	22.63	252	1172m	0.031	ng/ul	
23) Benzo(a)pyrene	23.16	252	784	0.023	ng/ul#	1
26) Benzo(g,h,i)perylene	25.99	276	618	0.020	ng/ul#	39

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

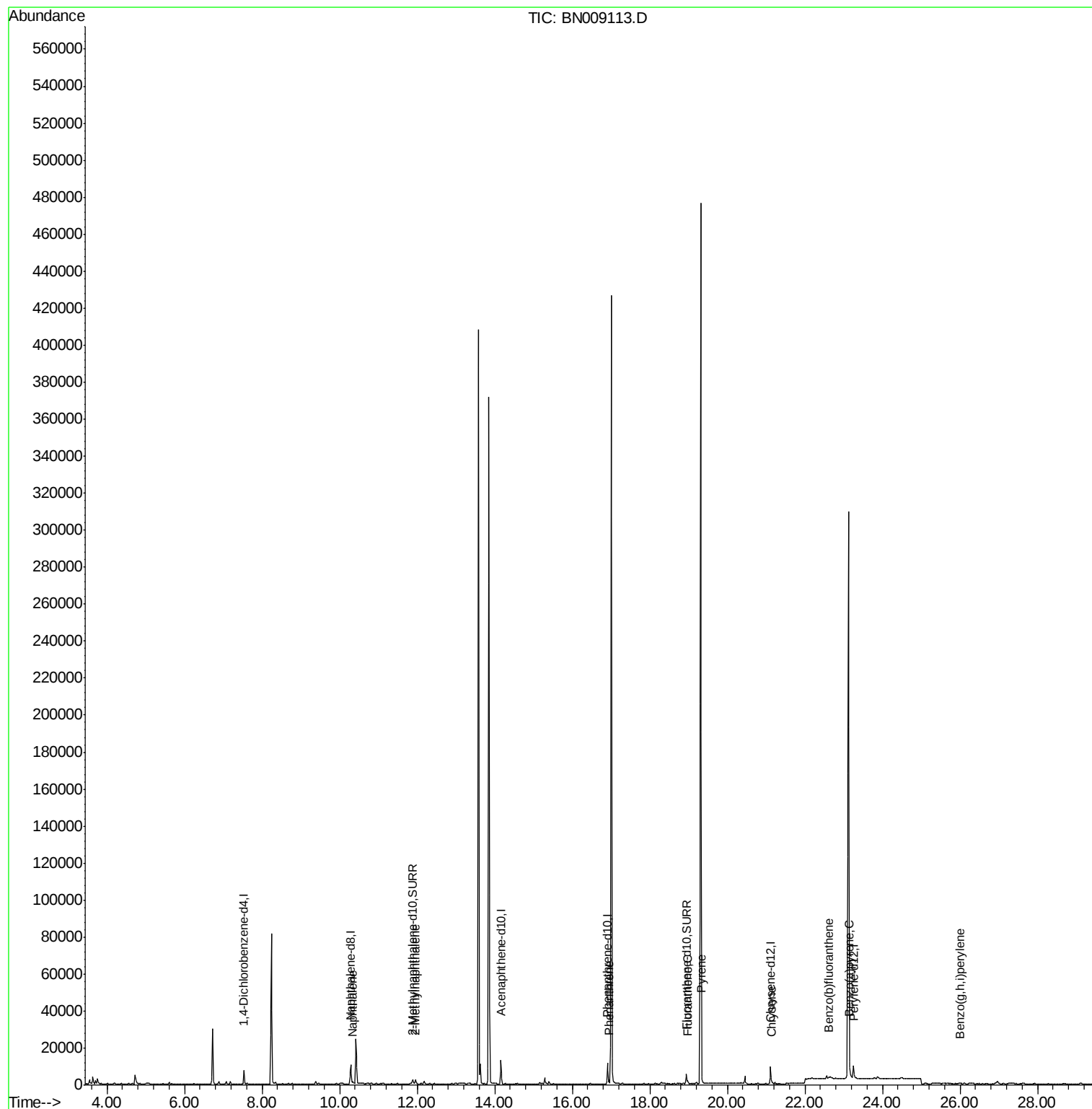
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
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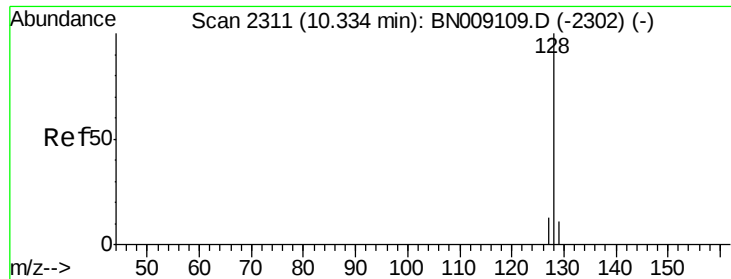
Instrument :
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#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.33 min Scan# 2311

Delta R.T. 0.00 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

Instrument :

BNA_N

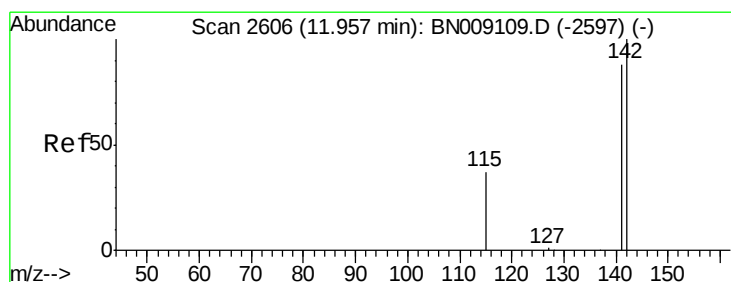
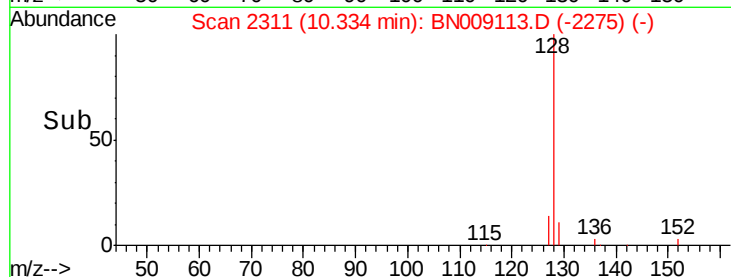
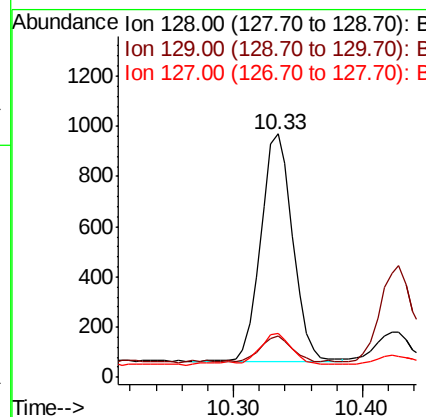
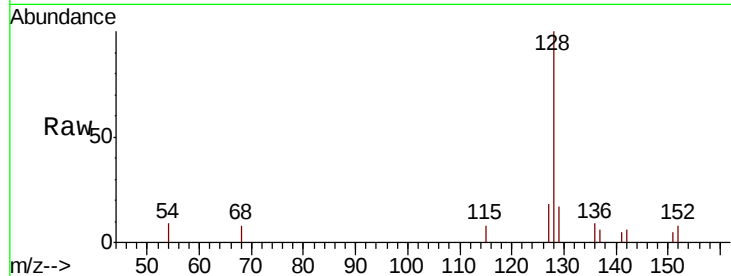
ClientSampleId :

C0C14

Tot Ion	Ratio	Lower	Upper
128	100		
129	17.1	9.0	13.4#
127	18.0	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.058 ng/ul

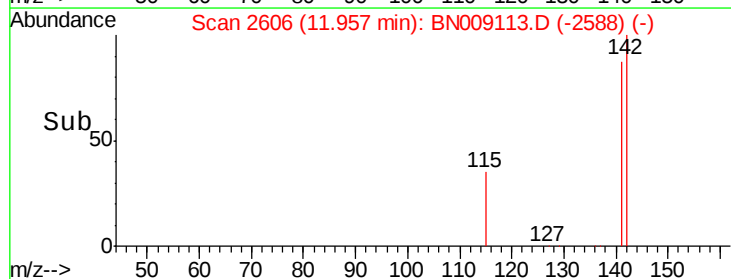
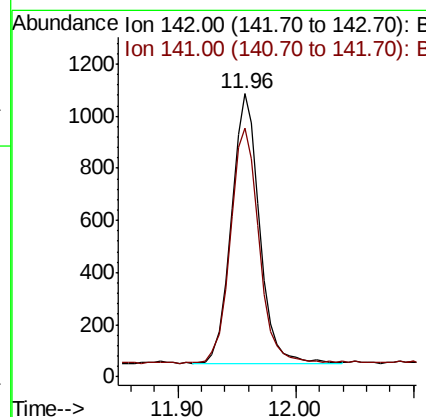
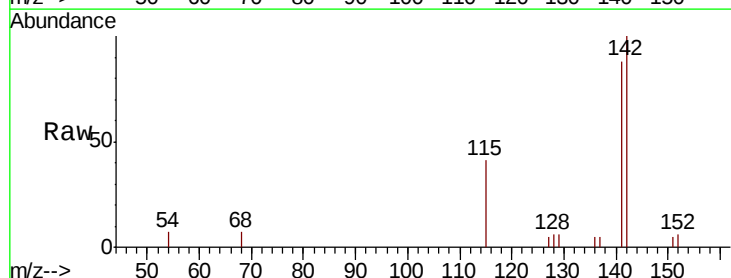
RT: 11.96 min Scan# 2606

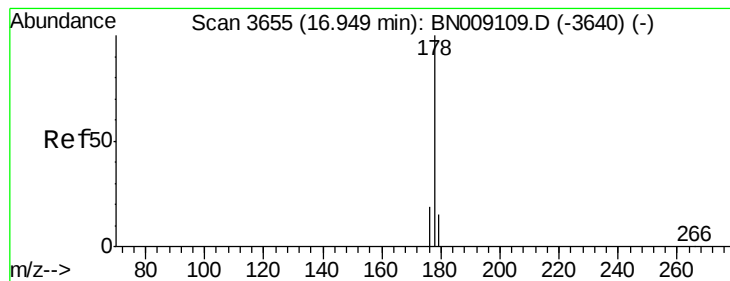
Delta R.T. 0.00 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.2	105.4





#12

Phenanthrene

Concen: 0.058 ng/ul

RT: 16.95 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

Instrument :

BNA_N

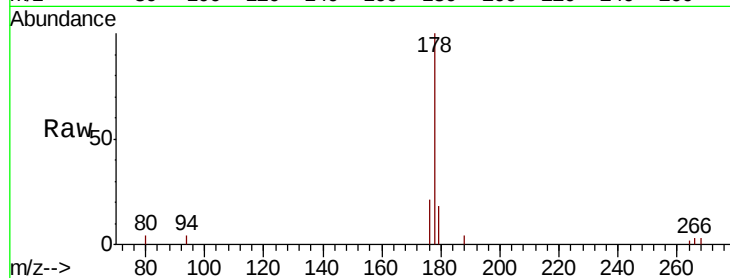
ClientSampleId :

C0C14

Tot Ion:	178	Resp:	2581
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.3	18.5
176	20.5	15.1	22.7

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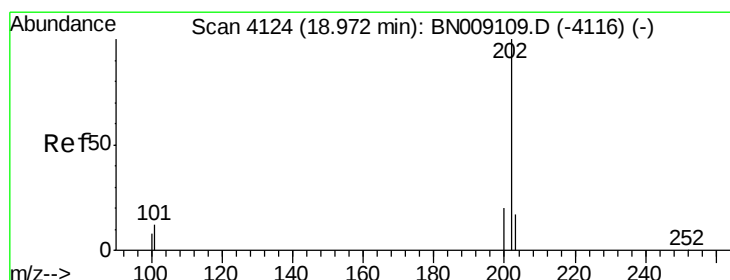
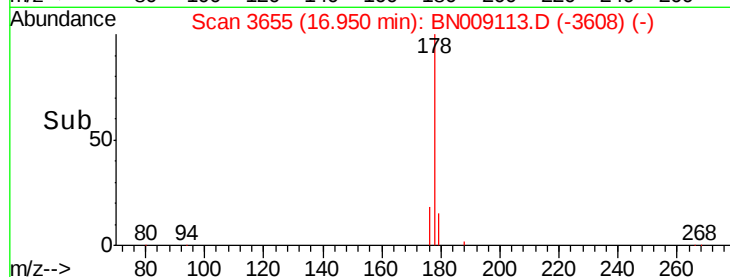
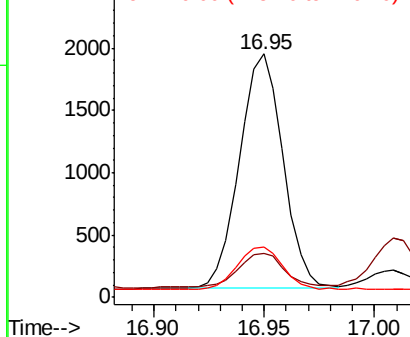


Abundance

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: 0.026 ng/ul

RT: 18.97 min Scan# 4124

Delta R.T. 0.00 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

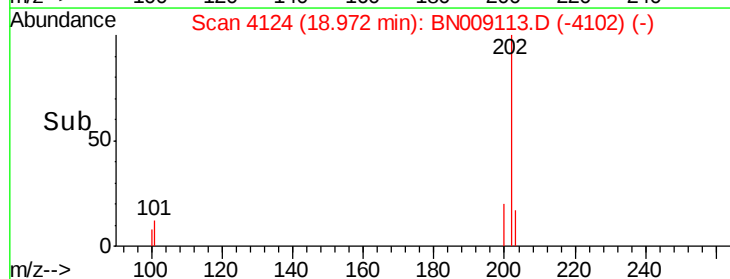
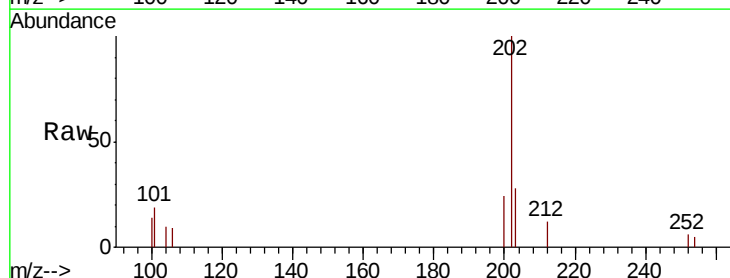
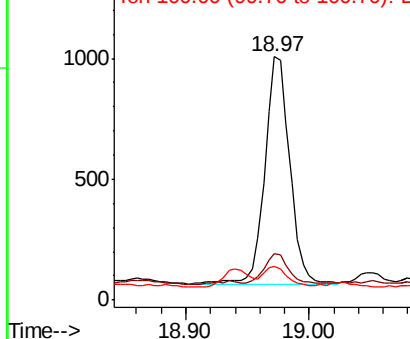
Tgt Ion:	202	Resp:	1334
Ion Ratio	Lower	Upper	
202	100		
101	19.0	0.0	31.5
100	13.7	0.0	28.9

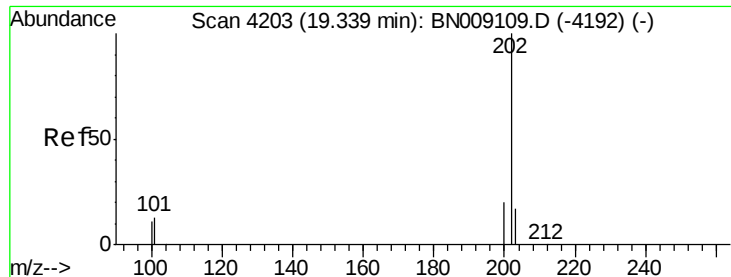
Abundance

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: 0.033 ng/ul

RT: 19.34 min Scan# 4203

Delta R.T. 0.00 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

Instrument :

BNA_N

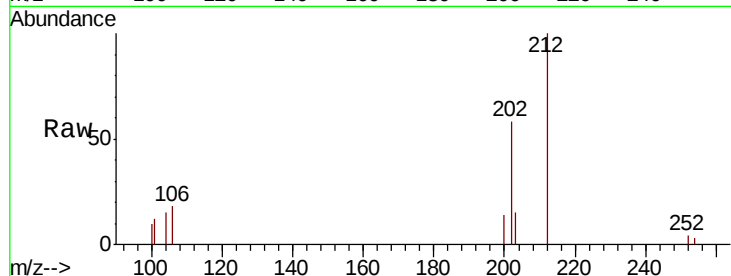
ClientSampleId :

C0C14

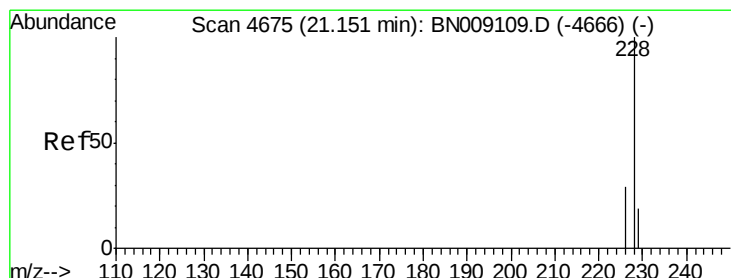
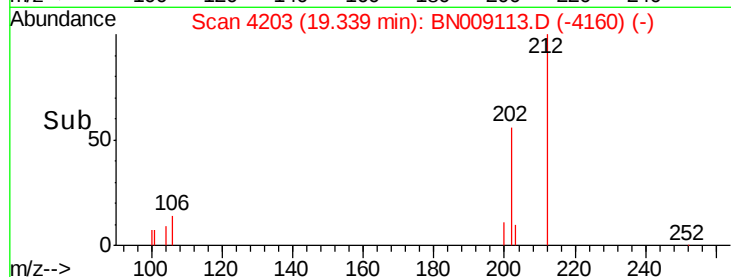
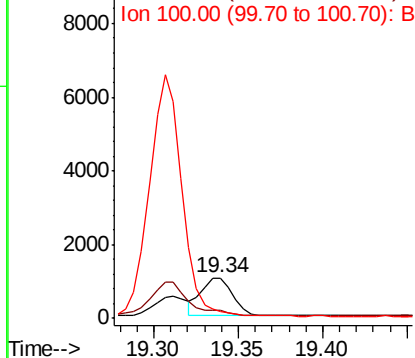
Tot Ion:	202	Resp:	1360
Ion Ratio	Lower	Upper	
202	100		
101	20.0	10.9	16.3#
100	17.1	9.0	13.6#

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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



#19

Chrysene

Concen: 0.030 ng/ul

RT: 21.15 min Scan# 4675

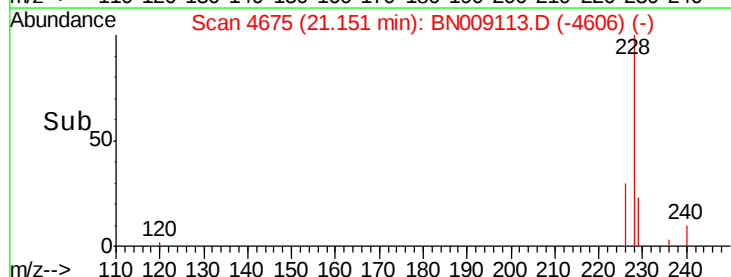
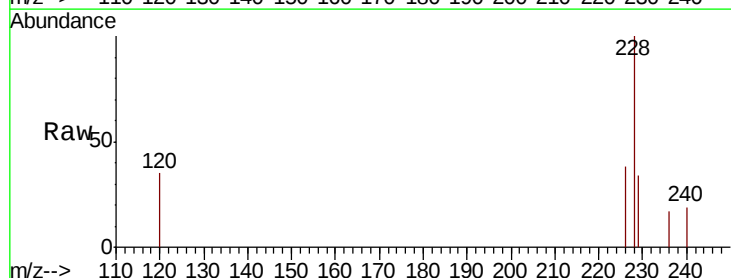
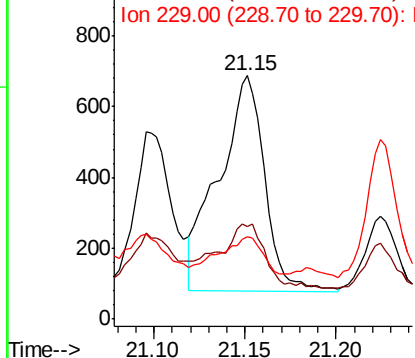
Delta R.T. 0.00 min

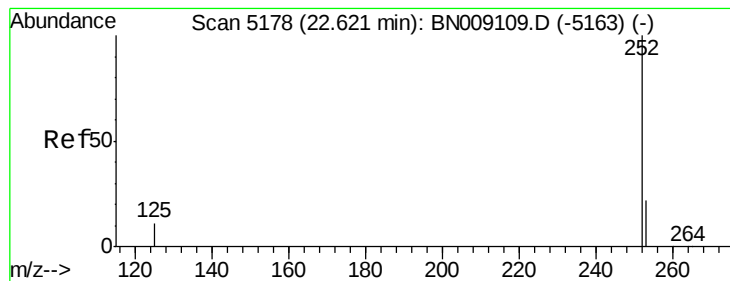
Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

Tgt Ion:	228	Resp:	1070
Ion Ratio	Lower	Upper	
228	100		
226	38.1	23.7	35.5#
229	33.6	15.4	23.0#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.031 ng/ul m

RT: 22.63 min Scan# 5180

Delta R.T. 0.01 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

Instrument :

BNA_N

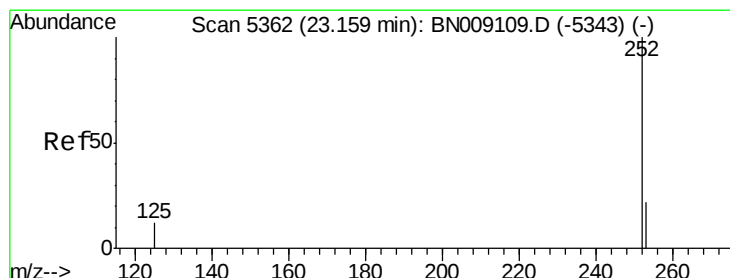
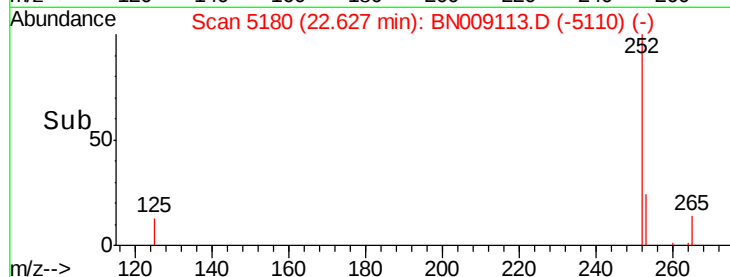
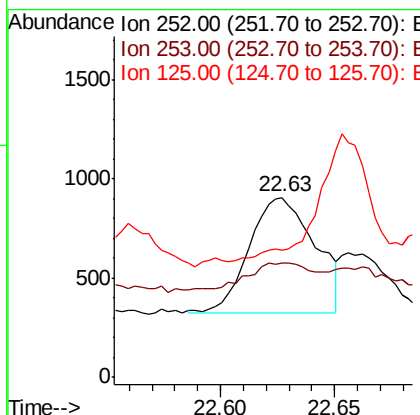
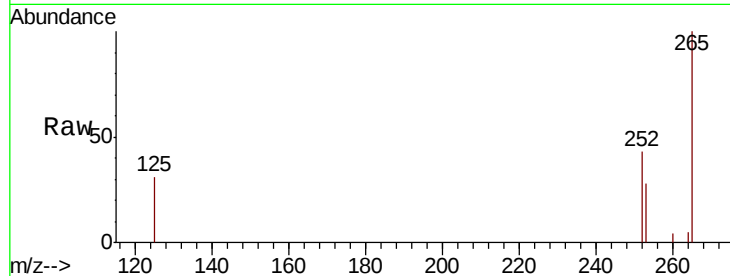
ClientSampleId :

C0C14

Tot Ion	Ratio	Lower	Upper
252	100		
253	63.5	0.0	48.2#
125	70.6	0.0	30.0#

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#23

Benzo(a)pyrene

Concen: 0.023 ng/ul

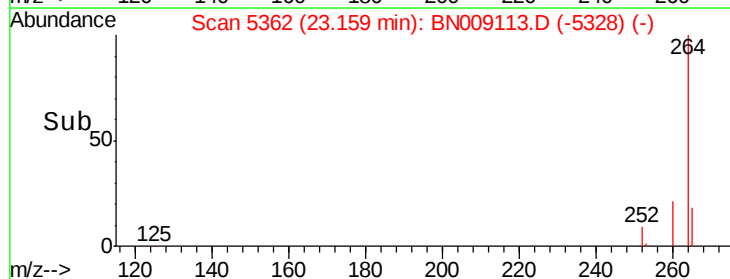
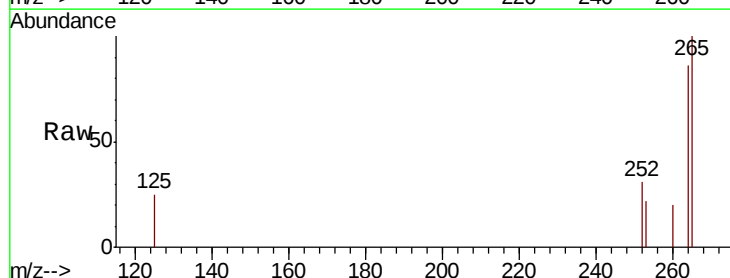
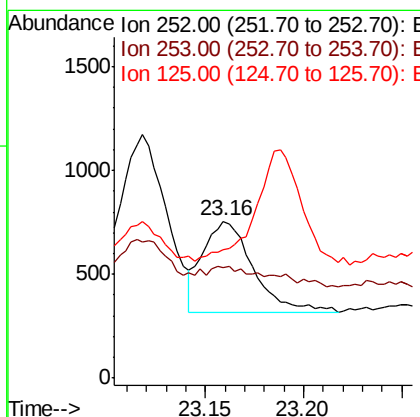
RT: 23.16 min Scan# 5362

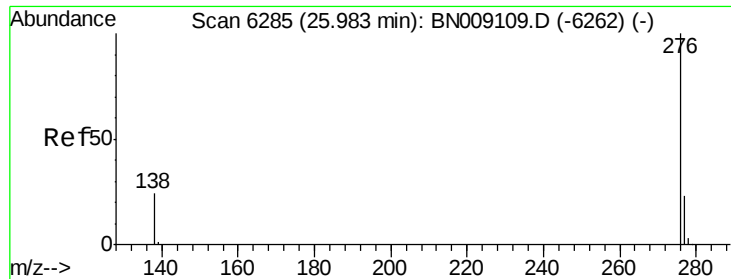
Delta R.T. 0.00 min

Lab File: BN009113.D

Acq: 24 Dec 2019 07:22

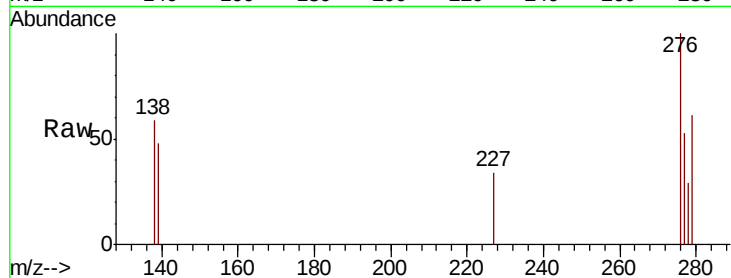
Tgt Ion	Ratio	Lower	Upper
252	100		
253	70.7	20.2	30.4#
125	81.6	13.2	19.8#





#26
 Benzo(a,h,i)perylene
 Concen: 0.020 ng/ul
 RT: 25.99 min Scan# 6287
 Delta R.T. 0.01 min
 Lab File: BN009113.D
 Acq: 24 Dec 2019 07:22

Instrument :
 BNA_N
 ClientSampleId :
 C0C14



Tot Ion:	276	Resp:	618
Ion Ratio	Lower	Upper	
276	100		
138	58.6	20.6	30.8#
277	52.5	19.6	29.4#

Manual Integrations
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