

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009074.D
 Acq On : 20 Dec 2019 18:40
 Operator : JU
 Sample : K6171-15DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BY9DL

Manual Integrations
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mohammad
 12/23/2019 11:54:35 AM

Quant Time: Dec 20 23:23:54 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 : Fri Dec 20 22:55:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4431	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	16858	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	8902	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	17012	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9388	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	9118	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	968	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	1741	0.03	ng/ul	0.00
Target Compounds				Ovalue		
9) Fluorene	15.22	166	1047	0.024	ng/ul#	96
12) Phenanthrene	16.95	178	35544	0.601	ng/ul	99
13) Anthracene	17.04	178	7071	0.133	ng/ul	98
15) Fluoranthene	18.98	202	81078	1.198	ng/ul	99
17) Pyrene	19.34	202	63141	1.318	ng/ul	98
18) Benzo(a)anthracene	21.10	228	26068	0.625	ng/ul	98
19) Chrysene	21.15	228	28556	0.682	ng/ul	98
21) Benzo(b)fluoranthene	22.63	252	31238m	0.734	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	12349m	0.288	ng/ul	
23) Benzo(a)pyrene	23.16	252	21479	0.576	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.35	276	15117	0.372	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.36	278	3582	0.111	ng/ul#	76
26) Benzo(g,h,i)perylene	25.99	276	14490	0.423	ng/ul	99

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

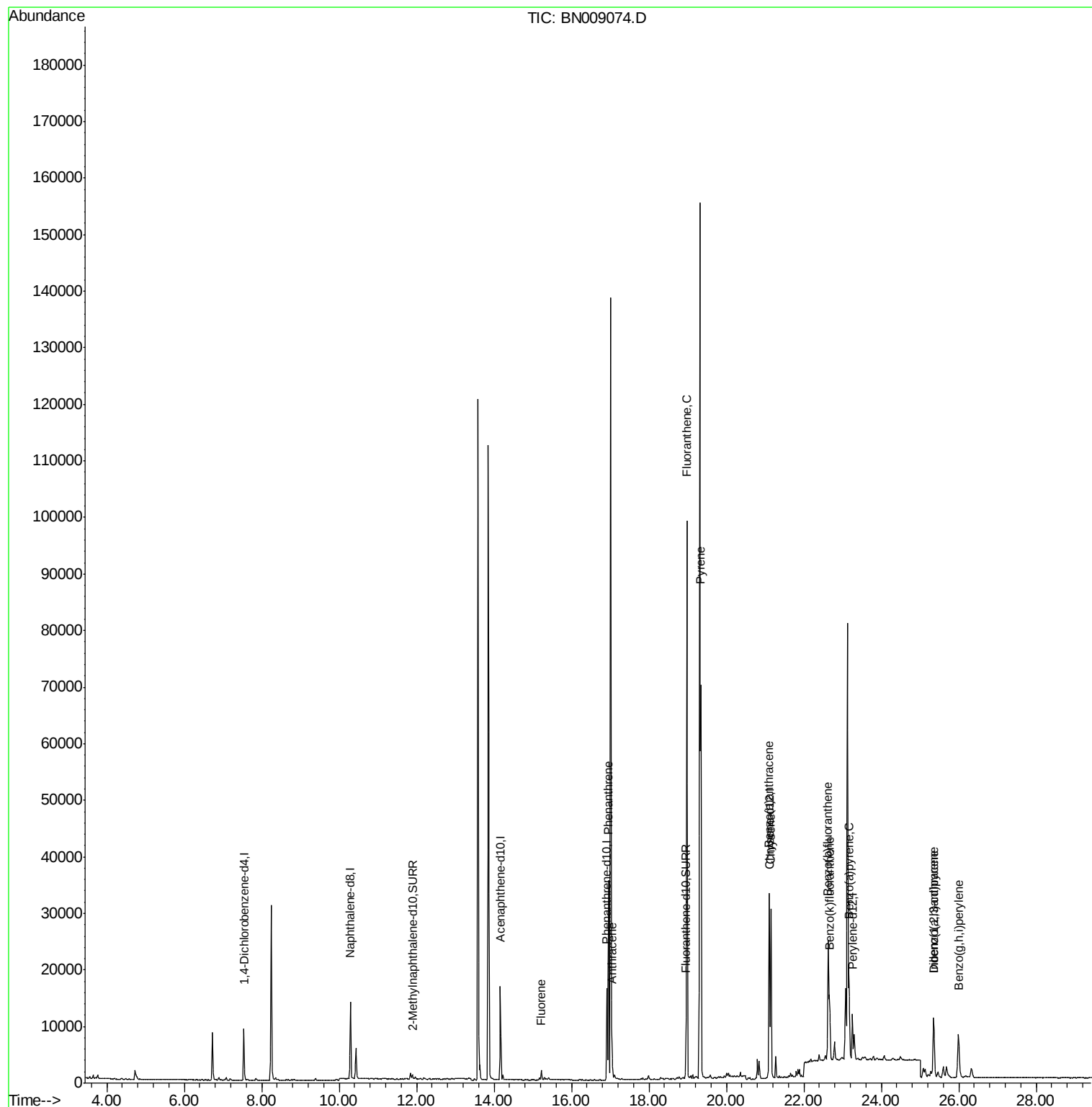
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009074.D
Acq On : 20 Dec 2019 18:40
Operator : JU
Sample : K6171-15DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

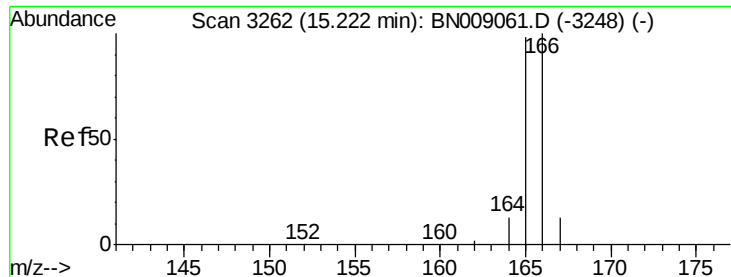
Instrument :
BNA_N
ClientSampleId :
C0BY9DL

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Quant Time: Dec 20 23:23:54 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 : Fri Dec 20 22:55:30 2019
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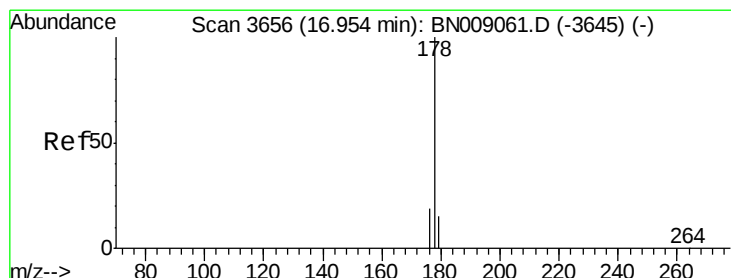
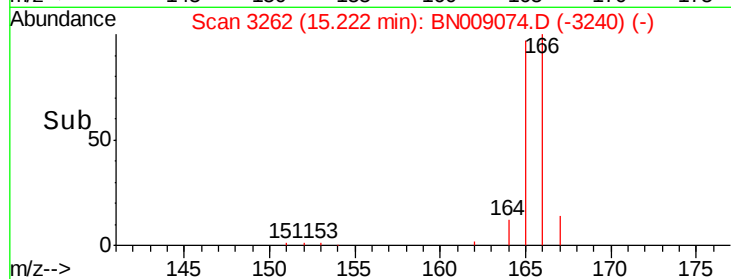
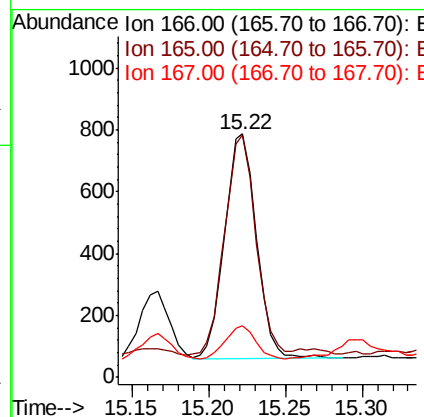
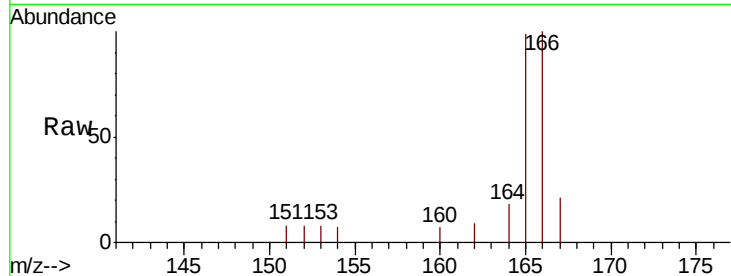
#9
Fluorene
 Concen: 0.024 ng/ul
 RT: 15.22 min Scan# 3262
 Delta R.T. 0.00 min
 Lab File: BN009074.D
 Acq: 20 Dec 2019 18:40

Instrument :
 BNA_N
 ClientSampleId :
 C0BY9DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1047		
165	99.5	78.2	117.4		
167	21.3	11.0	16.6#		

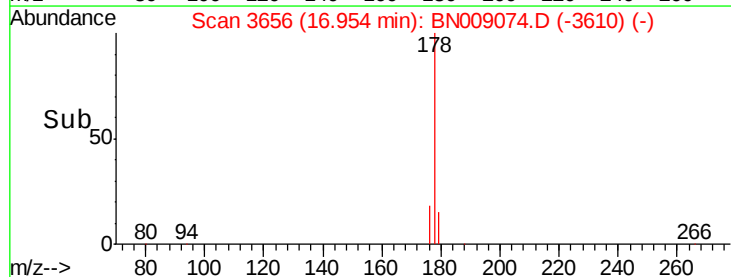
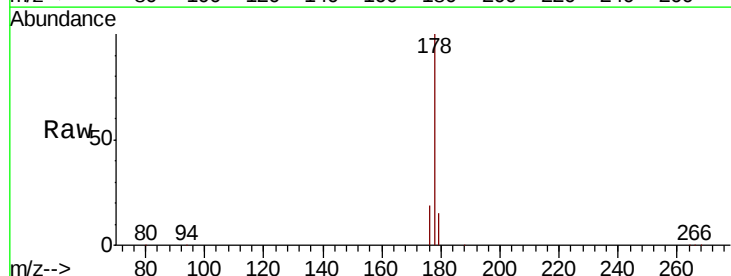
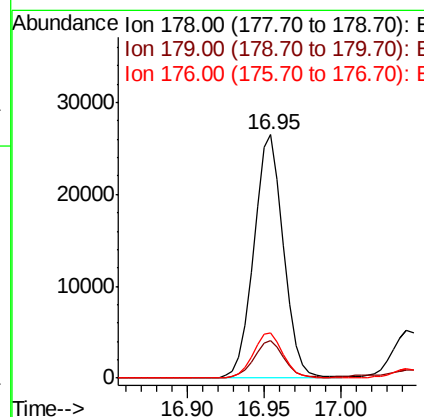
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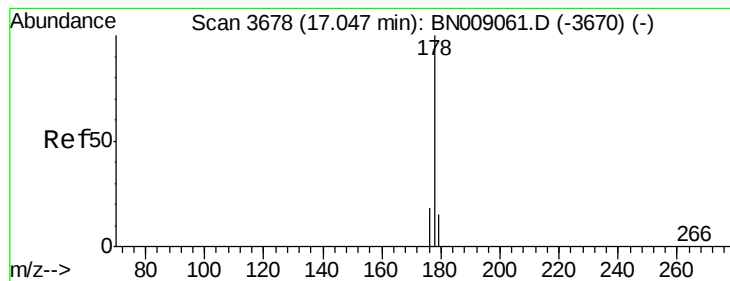
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#12
Phenanthrene
 Concen: 0.601 ng/ul
 RT: 16.95 min Scan# 3656
 Delta R.T. -0.00 min
 Lab File: BN009074.D
 Acq: 20 Dec 2019 18:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		35544		
179	15.4	12.3	18.5		
176	18.5	15.1	22.7		





#13

Anthracene

Concen: 0.133 ng/ul

RT: 17.04 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Instrument :

BNA_N

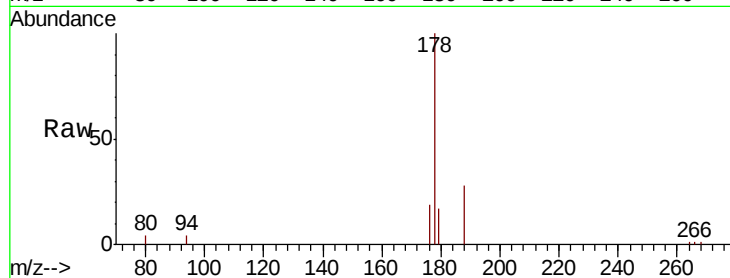
ClientSampleId :

C0BY9DL

Tot Ion:	178	Resp:	7071
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.5	18.7
176	19.1	14.9	22.3

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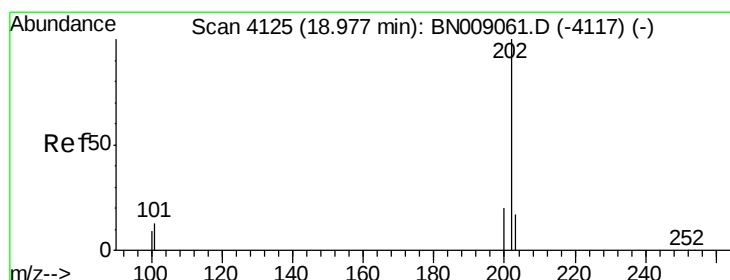
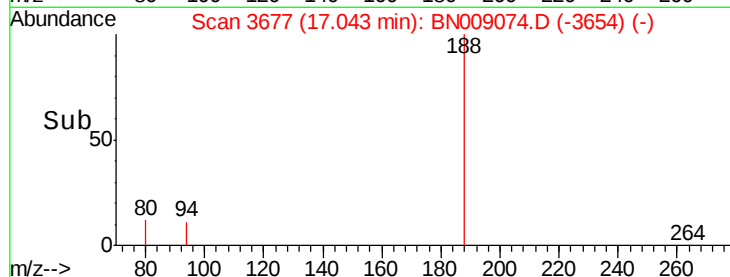
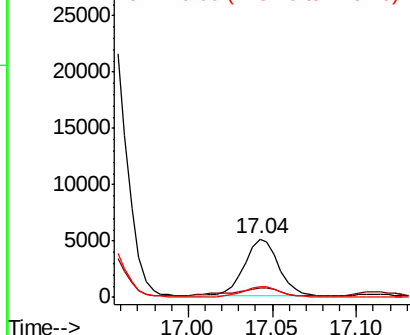


Abundance

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: 1.198 ng/ul

RT: 18.98 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

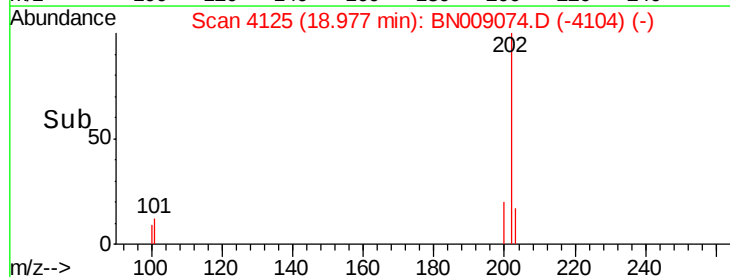
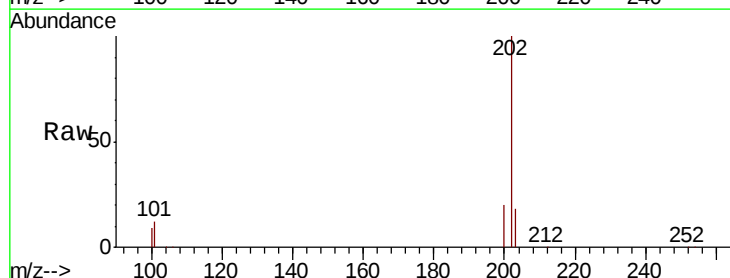
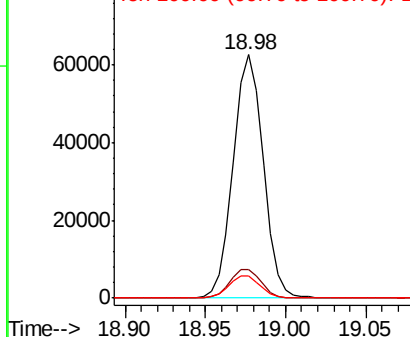
Tgt Ion:	202	Resp:	81078
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.5
100	8.9	0.0	28.9

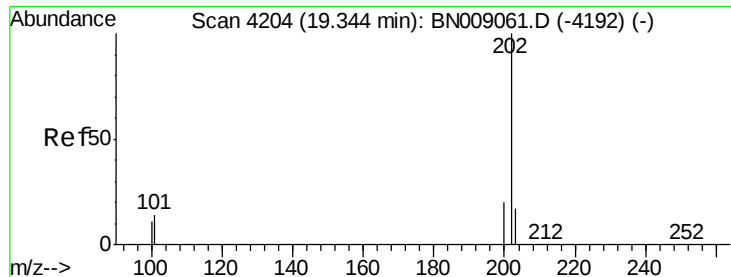
Abundance

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): E





#17

Pvrene

Concen: 1.318 ng/ul

RT: 19.34 min Scan# 4203

Delta R.T. -0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Instrument :

BNA_N

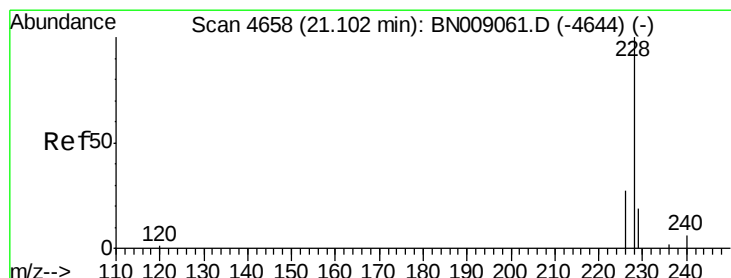
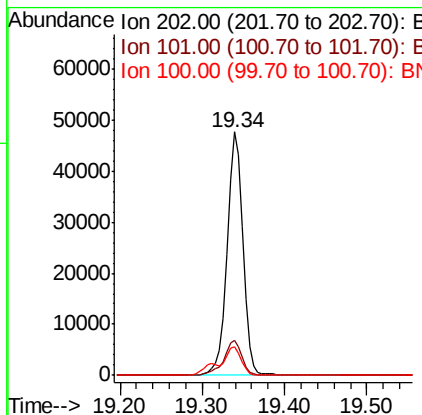
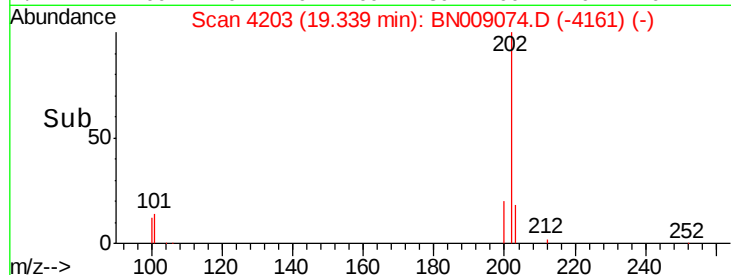
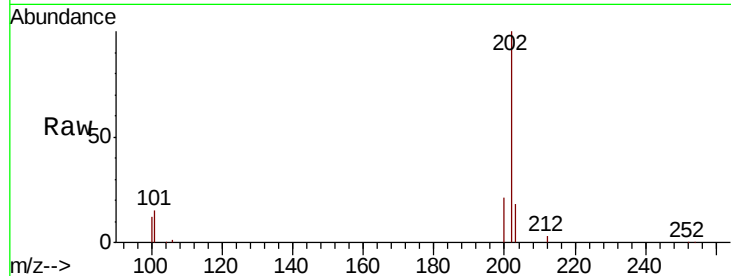
ClientSampleId :

C0BY9DL

Tot Ion:	202	Resp:	63141
Ion Ratio	Lower	Upper	
202	100		
101	14.6	10.9	16.3
100	11.8	9.0	13.6

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#18

Benzo(a)anthracene

Concen: 0.625 ng/ul

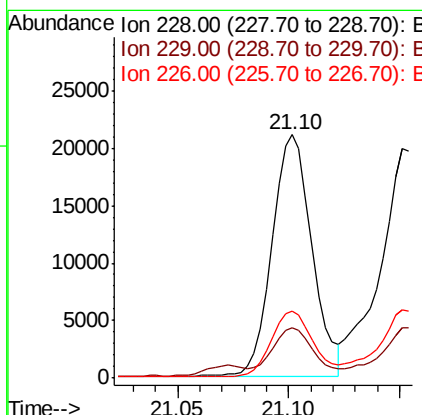
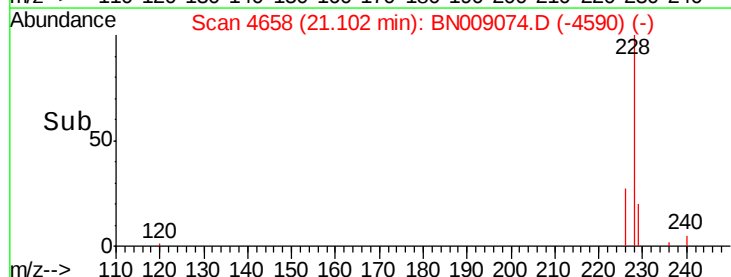
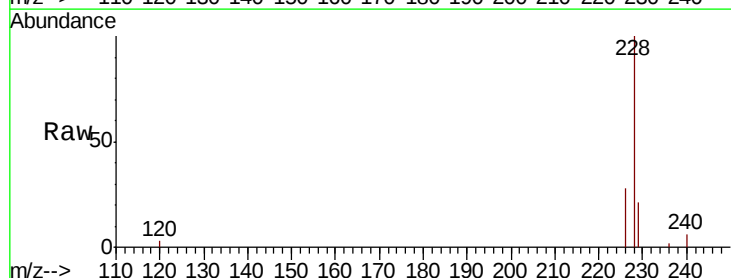
RT: 21.10 min Scan# 4658

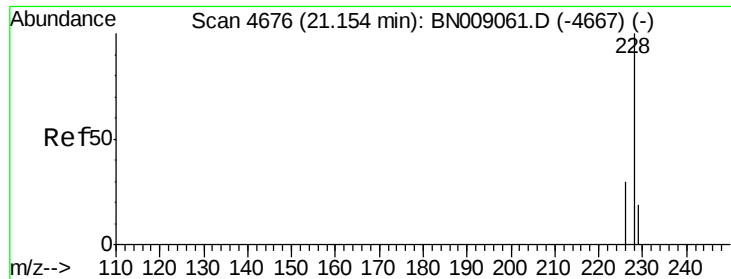
Delta R.T. -0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Tgt Ion:	228	Resp:	26068
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.5	23.3
226	27.8	21.7	32.5





#19

Chrysene

Concen: 0.682 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Instrument :

BNA_N

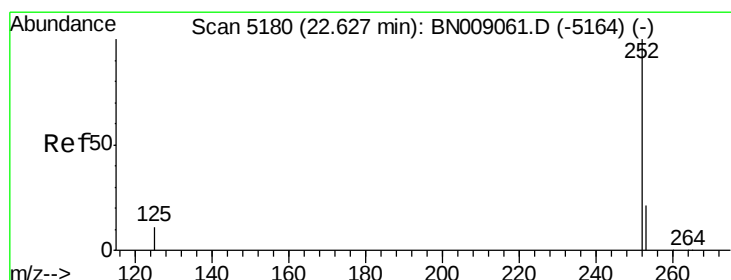
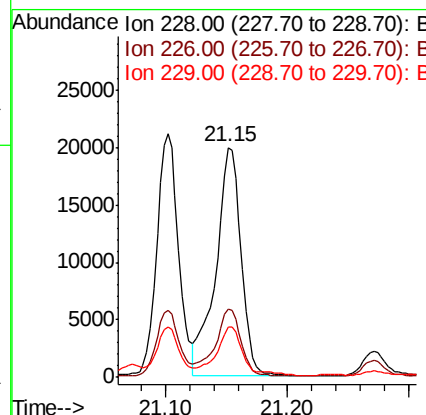
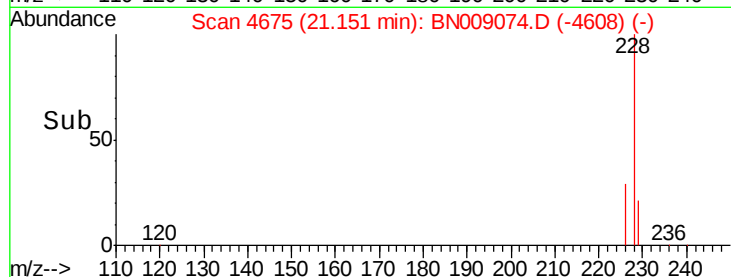
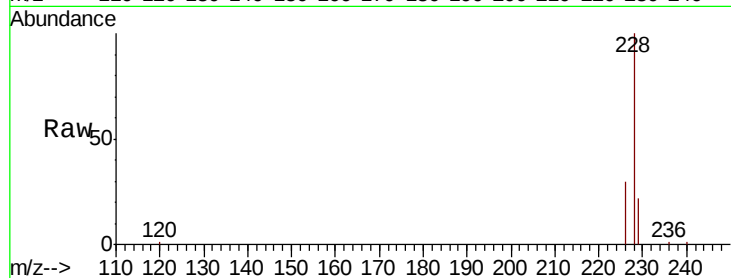
ClientSampleId :

C0BY9DL

Tot Ion:	228	Resp:	28556
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	21.6	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 0.734 ng/ul m

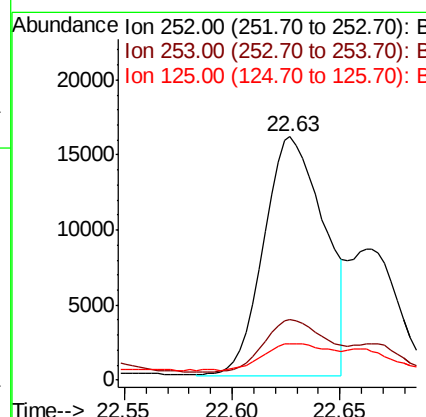
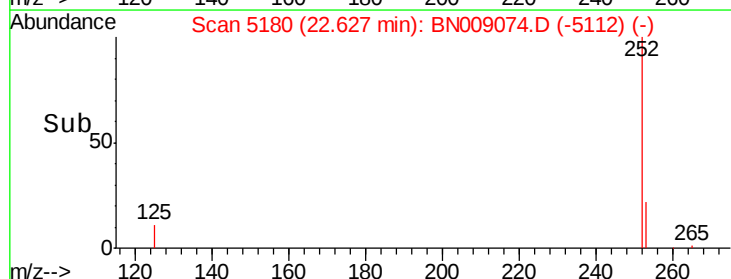
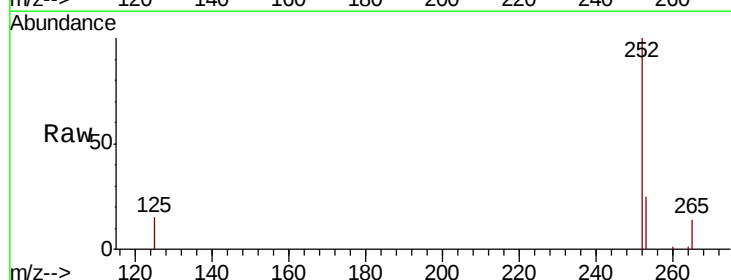
RT: 22.63 min Scan# 5180

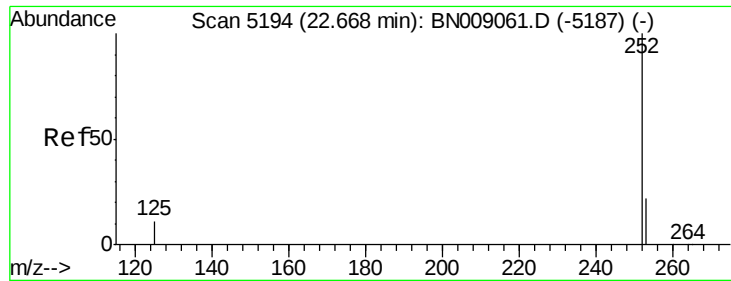
Delta R.T. 0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Tgt Ion:	252	Resp:	31238
Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	48.2
125	15.0	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.288 ng/ul m

RT: 22.66 min Scan# 5192

Delta R.T. -0.01 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Instrument :

BNA_N

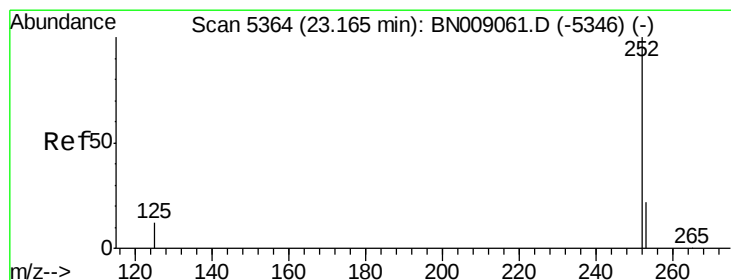
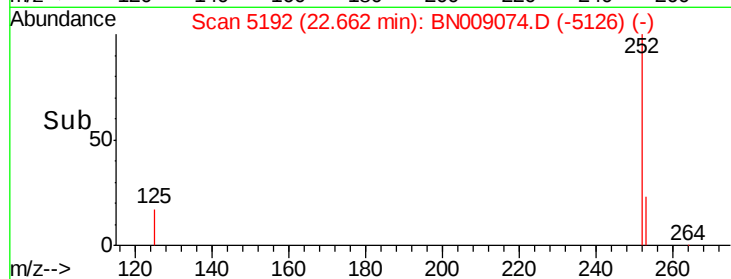
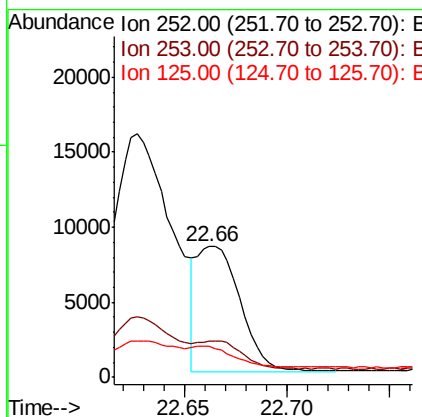
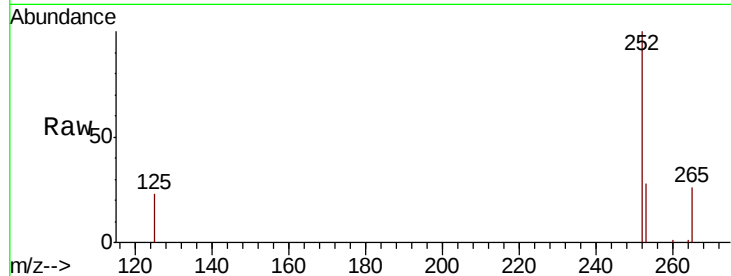
ClientSampleId :

C0BY9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.4	29.0
125	23.4	12.4	18.6

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#23

Benzo(a)pyrene

Concen: 0.576 ng/ul

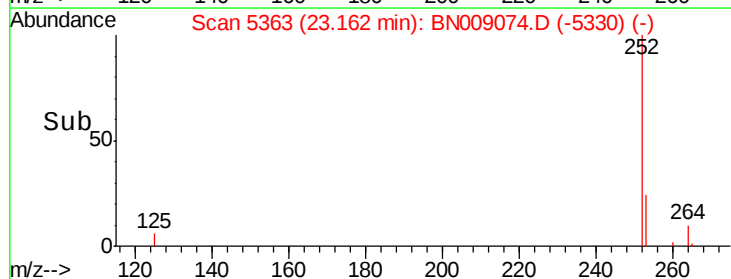
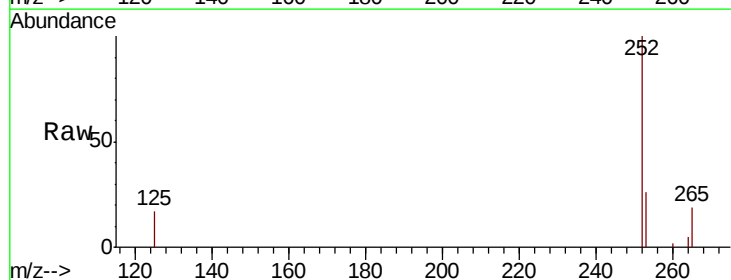
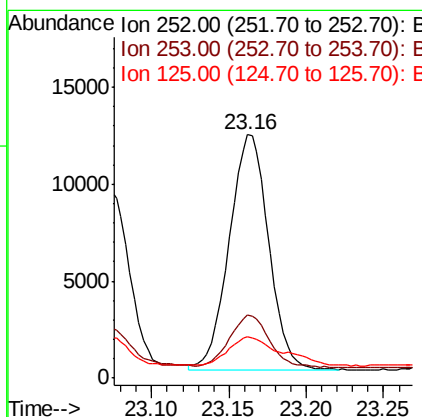
RT: 23.16 min Scan# 5363

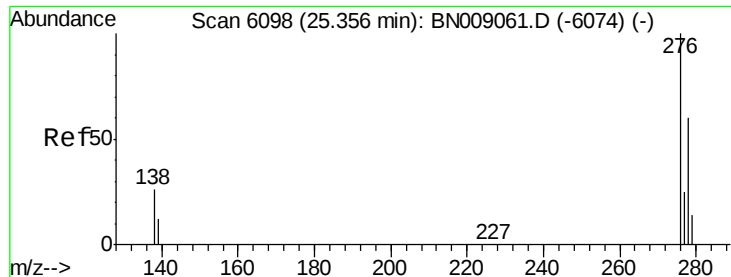
Delta R.T. -0.00 min

Lab File: BN009074.D

Acq: 20 Dec 2019 18:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.2	30.4
125	16.8	13.2	19.8





#24

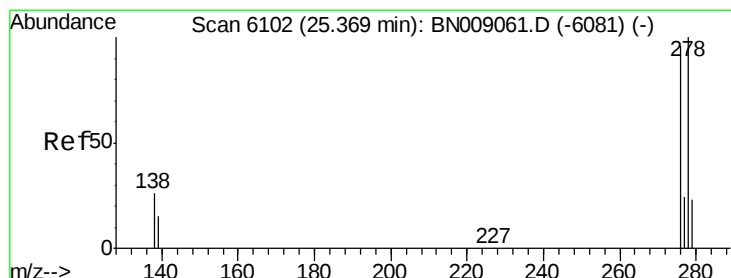
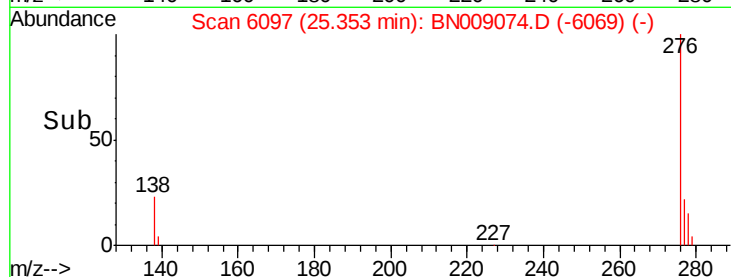
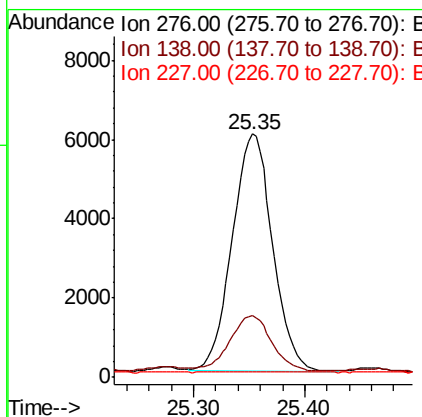
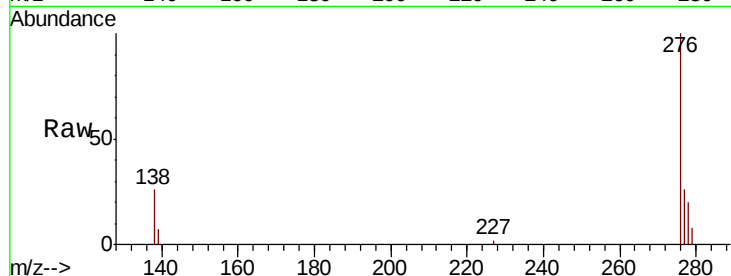
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng/ul
RT: 25.35 min Scan# 6097
Delta R.T. -0.01 min
Lab File: BN009074.D
Acq: 20 Dec 2019 18:40

Instrument :
BNA_N
ClientSampleId :
C0BY9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	22.4	33.6
227	0.0	0.2	0.4

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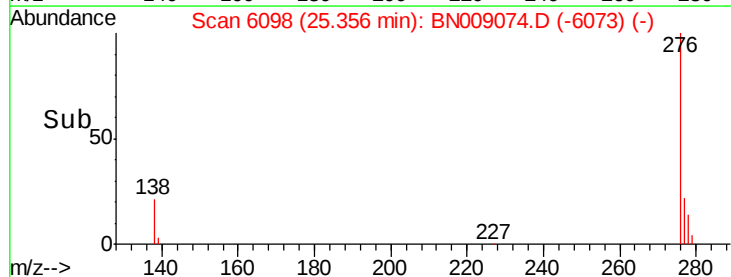
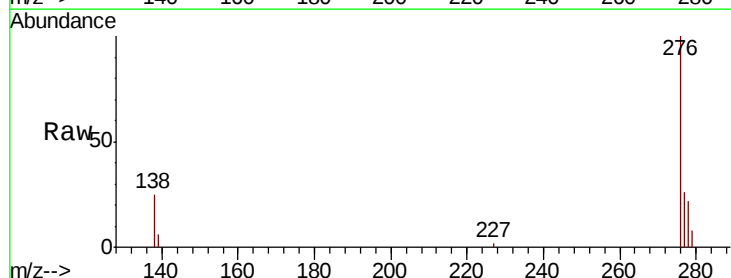
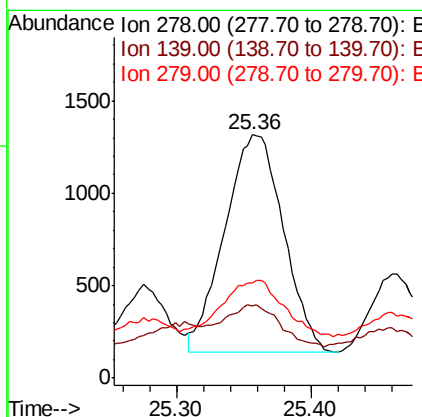
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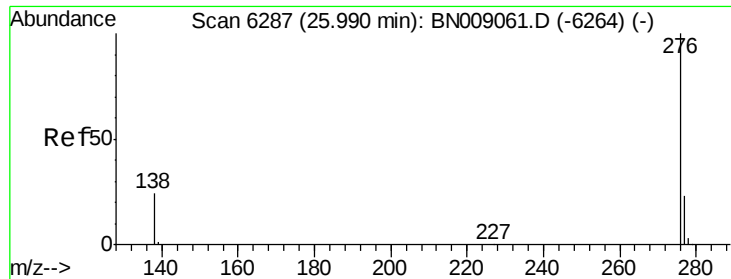


#25

Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.02 min
Lab File: BN009074.D
Acq: 20 Dec 2019 18:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.8	16.2	24.2
279	39.0	20.3	30.5





#26
Benzo(a,h,i)perylene
Concen: 0.423 ng/ul
RT: 25.99 min Scan# 6287
Delta R.T. -0.00 min
Lab File: BN009074.D
Acq: 20 Dec 2019 18:40

Instrument :
BNA_N
ClientSampleId :
C0BY9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.6	30.8
277	24.7	19.6	29.4

Manual Integrations
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