

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006579.D
 Acq On : 25 Jun 2019 20:18
 Operator : HP/JU
 Sample : K3388-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4214DL

Manual Integrations
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mohammad
 6/26/2019 8:12:55 AM

Quant Time: Jun 26 01:18:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5737	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	21088	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9982	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	18209	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10597	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	11328m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1127	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1752	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	2741	0.047	ng/ul#	91
5) 2-Methylnaphthalene	12.08	142	1281	0.032	ng/ul	100
7) Acenaphthylene	14.00	152	11195	0.202	ng/ul	98
12) Phenanthrene	17.08	178	7200	0.123	ng/ul	95
13) Anthracene	17.17	178	4528	0.081	ng/ul#	92
15) Fluoranthene	19.11	202	16243	0.252	ng/ul	95
17) Pyrene	19.48	202	17784	0.319	ng/ul	100
18) Benzo(a)anthracene	21.24	228	8109	0.173	ng/ul#	80
19) Chrysene	21.30	228	9535m	0.217	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	38477m	0.815	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	11702m	0.254	ng/ul	
23) Benzo(a)pyrene	23.40	252	29861	0.679	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.73	276	41835	0.879	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.74	278	8265	0.217	ng/ul#	82
26) Benzo(g,h,i)perylene	26.42	276	45838	1.149	ng/ul	96

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

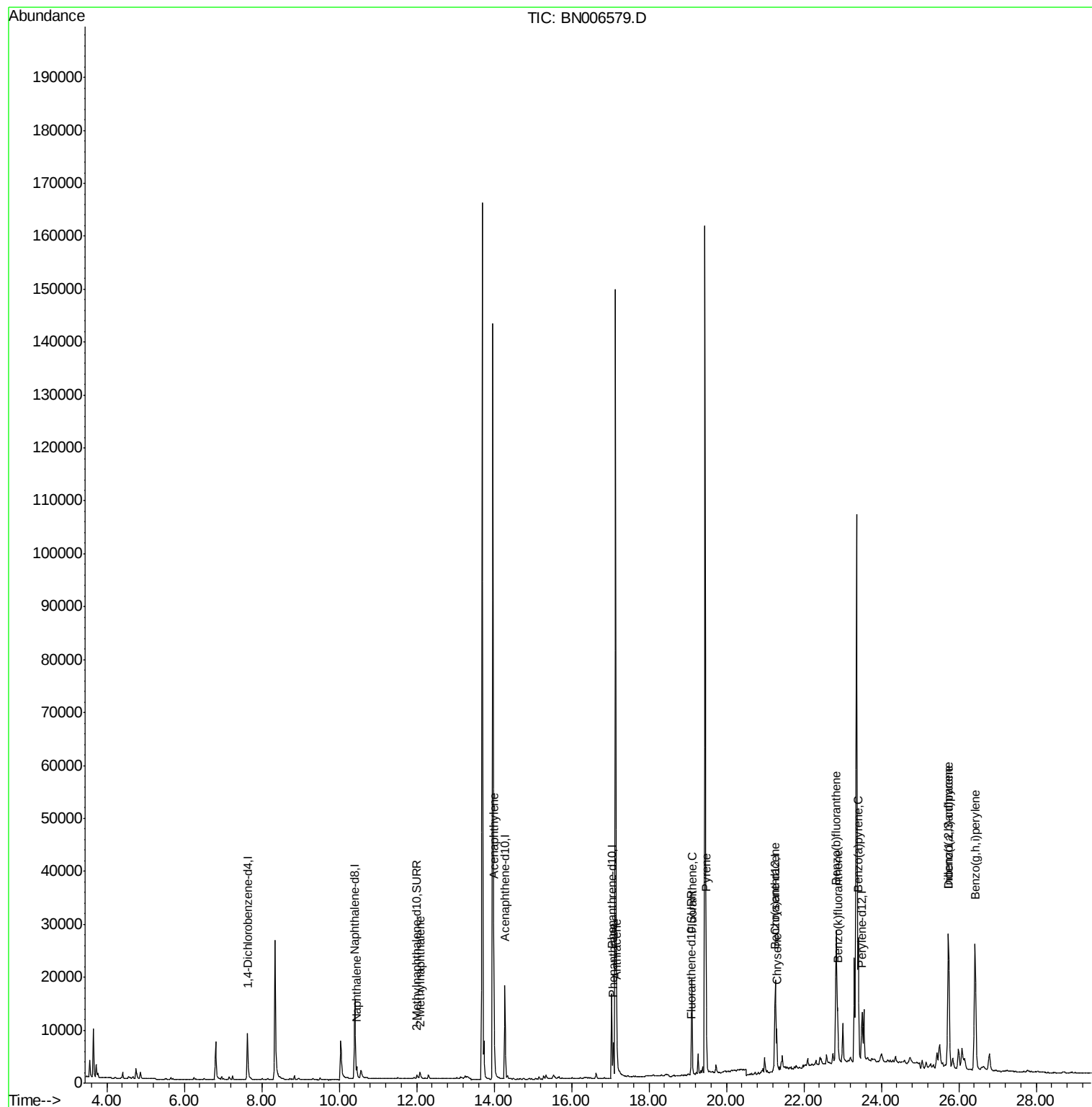
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
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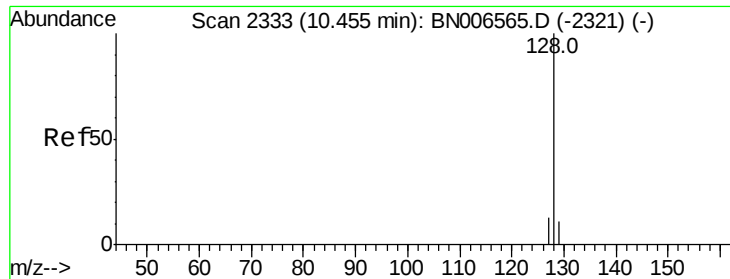
Instrument :
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Quant Time: Jun 26 01:18:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.047 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

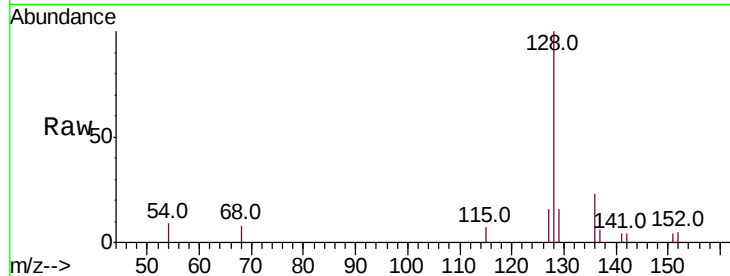
ClientSampleId :

A4214DL

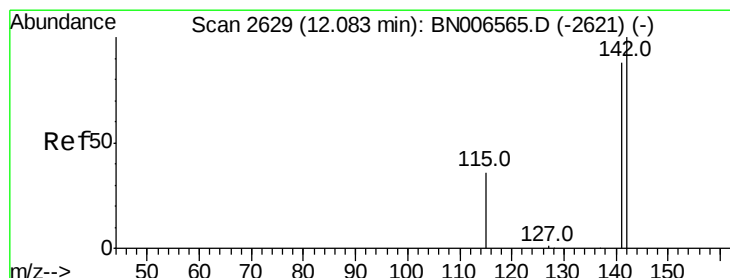
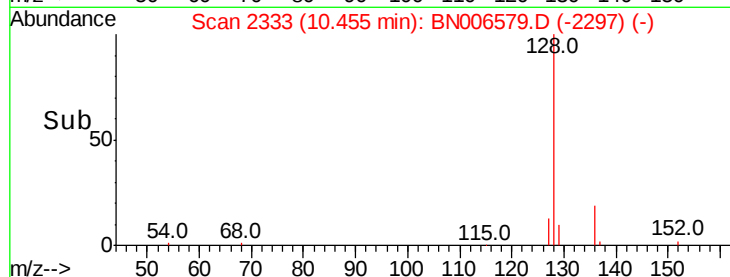
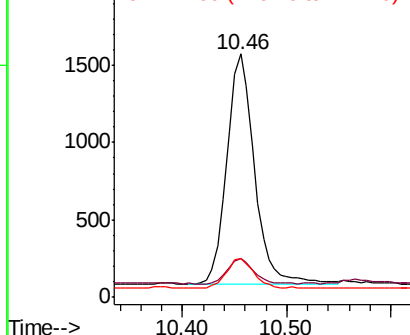
Tot Ion:	128	Resp:	2741
Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.3	13.9#
127	16.0	10.7	16.1

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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: 0.032 ng/ul

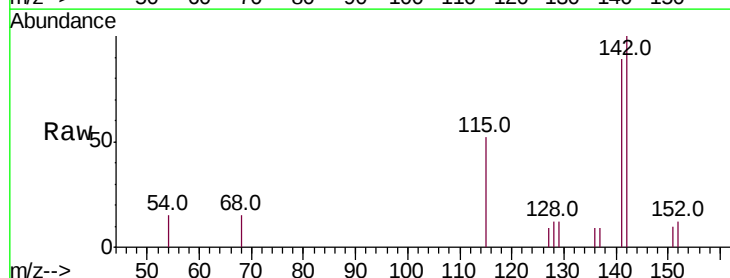
RT: 12.08 min Scan# 2629

Delta R.T. 0.00 min

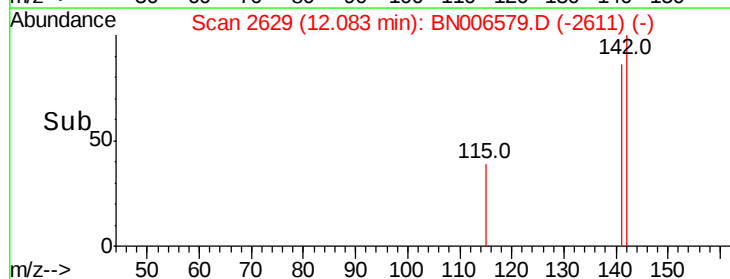
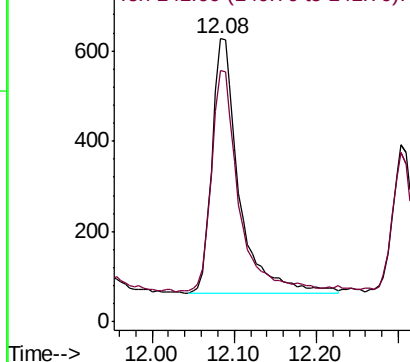
Lab File: BN006579.D

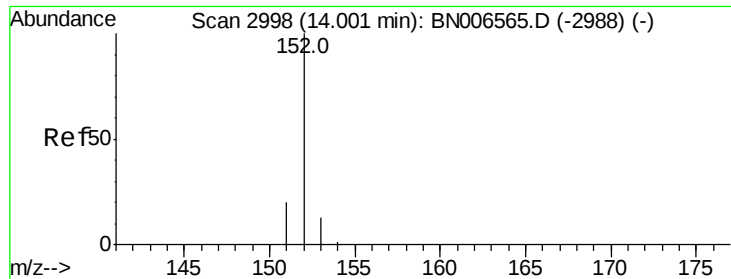
Acq: 25 Jun 2019 20:18

Tgt Ion:	142	Resp:	1281
Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5



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





#7

Acenaphthylene

Concen: 0.202 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

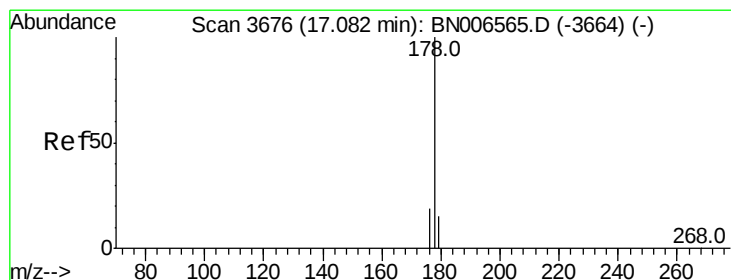
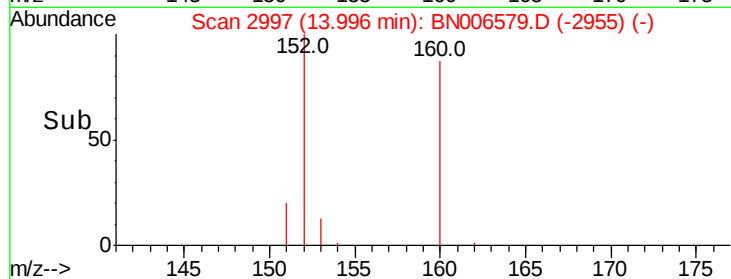
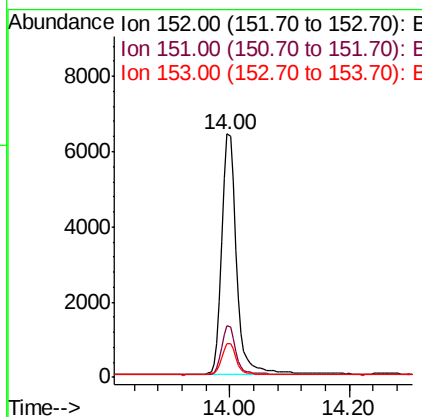
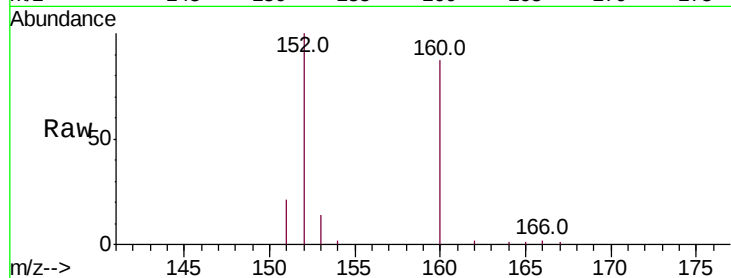
ClientSampleId :

A4214DL

Tot Ion:	152	Resp:	11195
Ion Ratio	Lower	Upper	
152	100		
151	21.0	15.8	23.8
153	14.0	10.8	16.2

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#12

Phenanthrene

Concen: 0.123 ng/ul

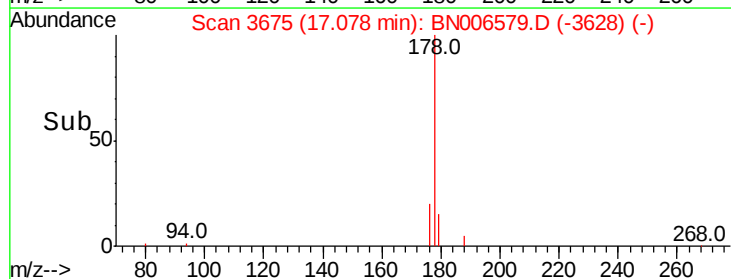
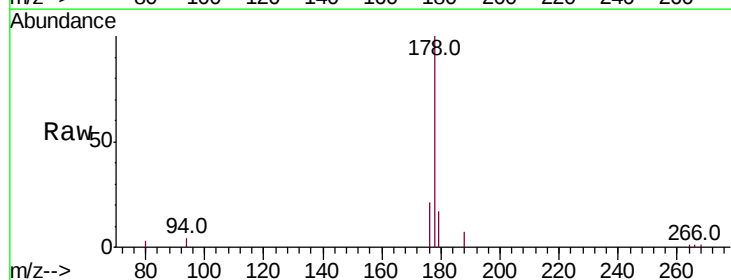
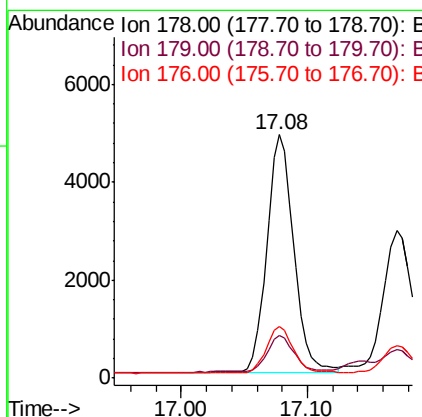
RT: 17.08 min Scan# 3675

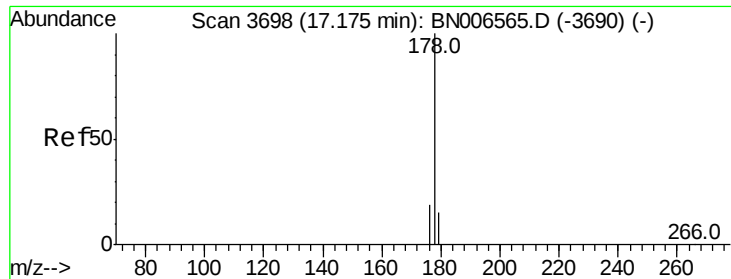
Delta R.T. 0.00 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Tgt Ion:	178	Resp:	7200
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.3	18.5
176	21.3	15.3	22.9





#13

Anthracene

Concen: 0.081 ng/ul

RT: 17.17 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

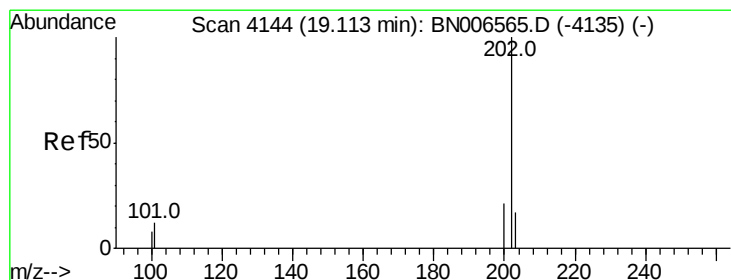
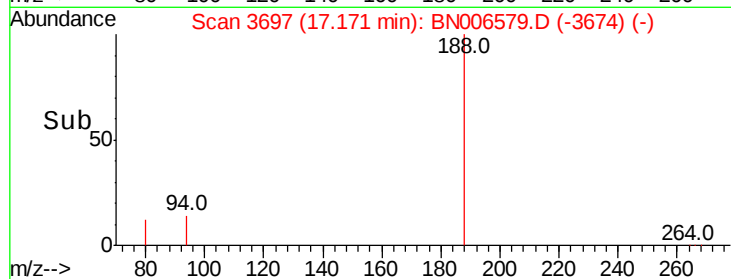
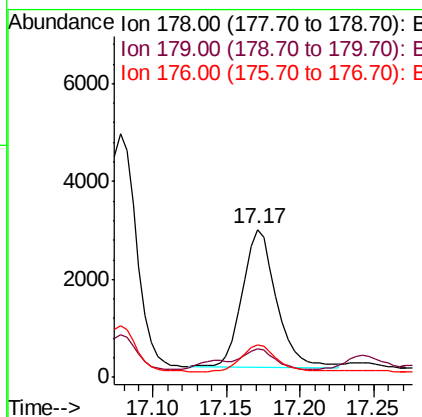
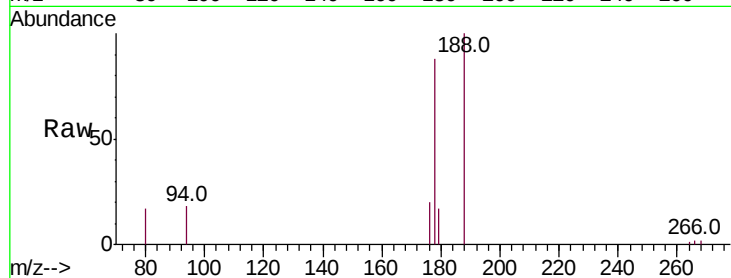
ClientSampleId :

A4214DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.2	18.4#
176	22.1	15.1	22.7

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#15

Fluoranthene

Concen: 0.252 ng/ul

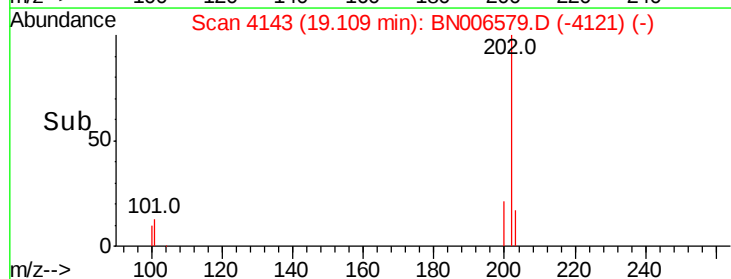
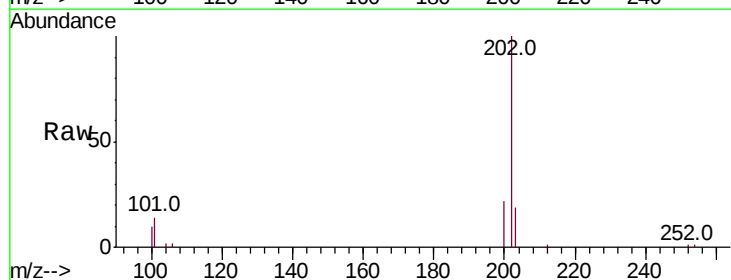
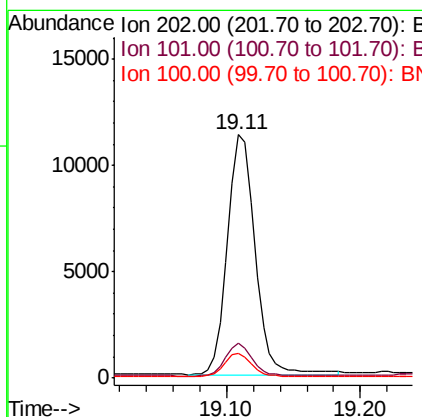
RT: 19.11 min Scan# 4143

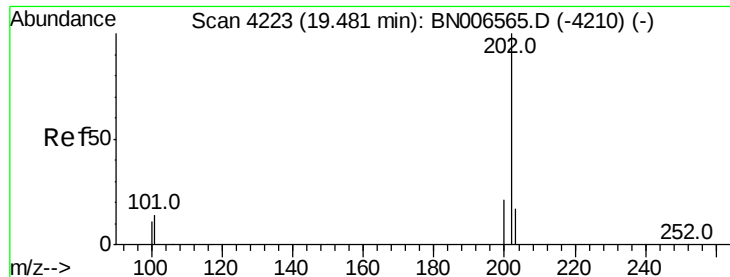
Delta R.T. 0.00 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	32.1
100	10.2	0.0	28.7





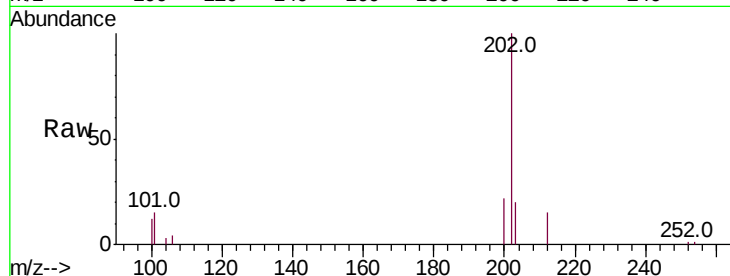
#17
Pvrene
Concen: 0.319 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. 0.00 min
Lab File: BN006579.D
Acq: 25 Jun 2019 20:18

Instrument :
BNA_N
ClientSampleId :
A4214DL

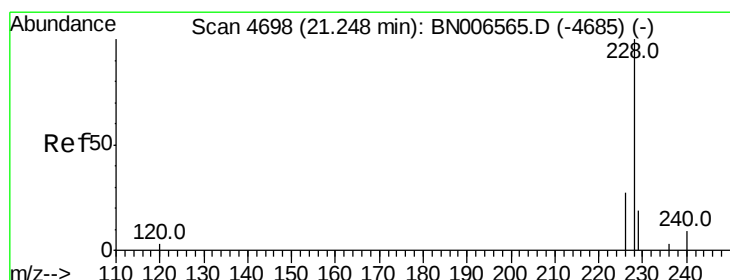
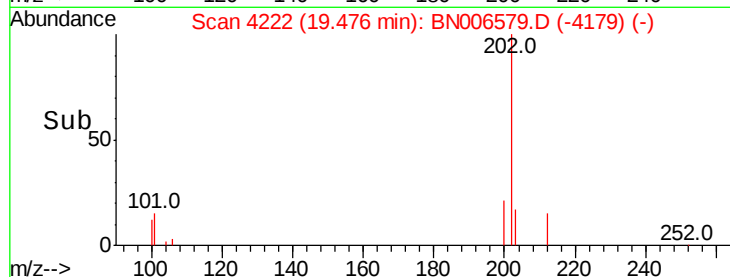
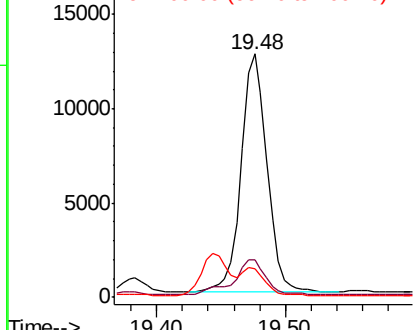
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.2
100	11.9	9.8	14.6

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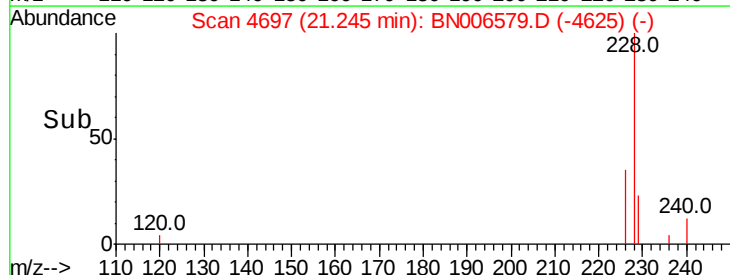
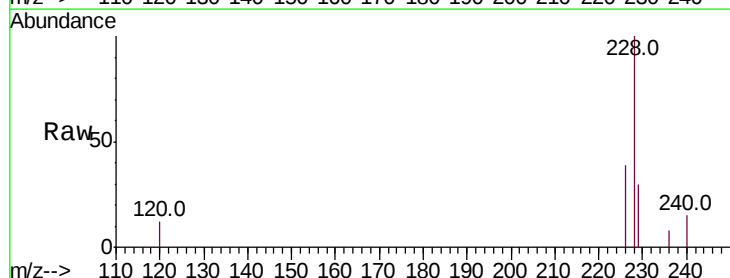
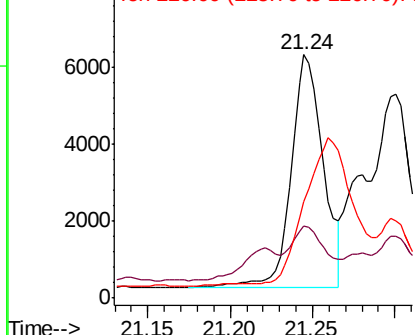
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

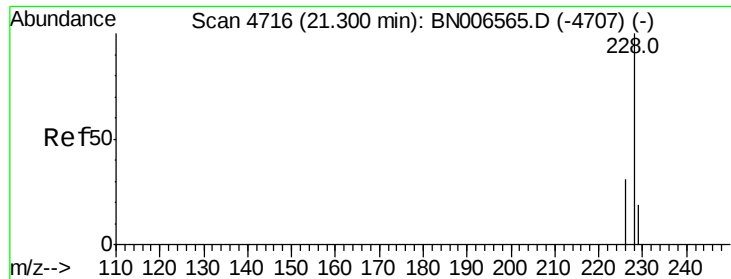


#18
Benzo(a)anthracene
Concen: 0.173 ng/ul
RT: 21.24 min Scan# 4697
Delta R.T. 0.01 min
Lab File: BN006579.D
Acq: 25 Jun 2019 20:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	29.9	16.5	24.7#
226	39.4	22.8	34.2#

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: 0.217 ng/ul m

RT: 21.30 min Scan# 4716

Delta R.T. 0.01 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

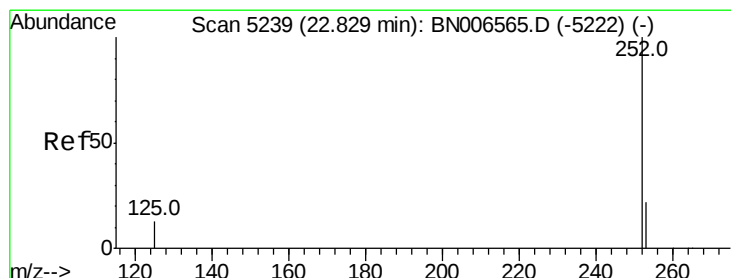
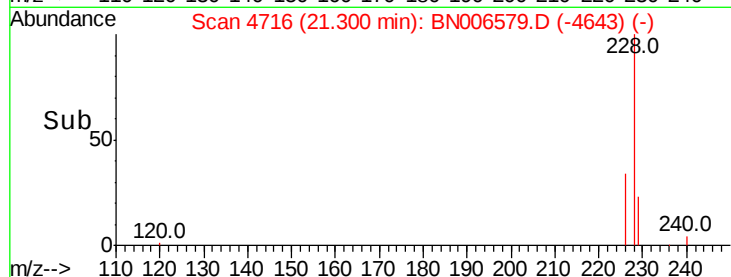
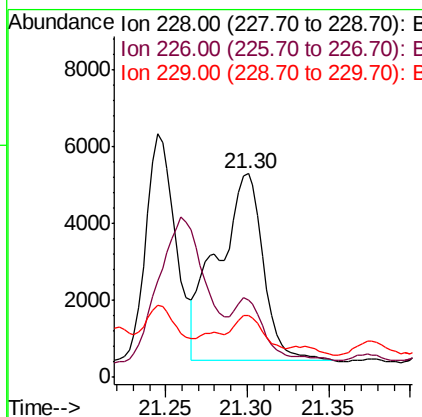
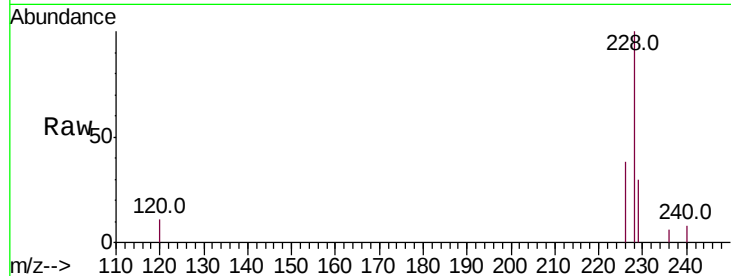
ClientSampleId :

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Tot Ion:	228	Resp:	9535
Ion Ratio	Lower	Upper	
228	100		
226	38.1	25.0	37.6#
229	30.4	16.3	24.5#

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#21

Benzo(b)fluoranthene

Concen: 0.815 ng/ul m

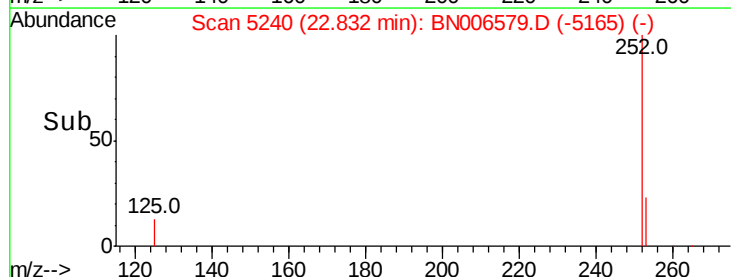
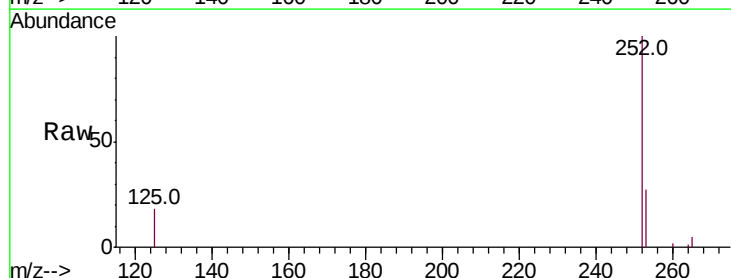
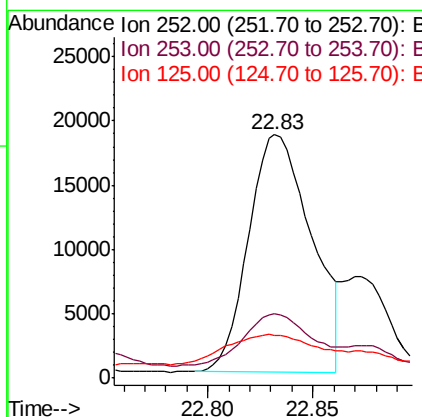
RT: 22.83 min Scan# 5240

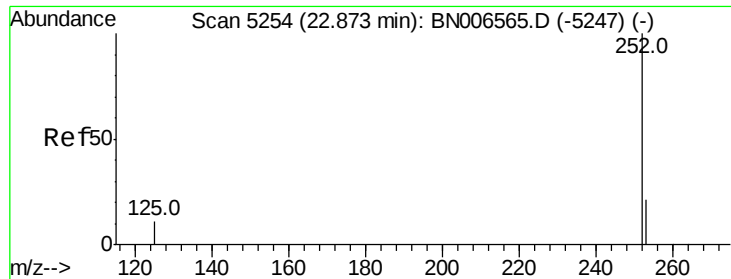
Delta R.T. 0.02 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Tgt Ion:	252	Resp:	38477
Ion Ratio	Lower	Upper	
252	100		
253	26.6	0.0	51.4
125	17.8	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.254 ng/ul m

RT: 22.87 min Scan# 5254

Delta R.T. 0.02 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

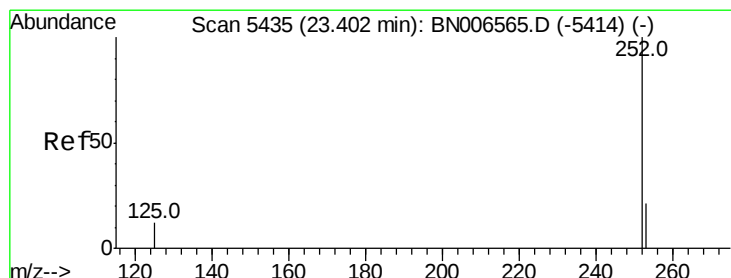
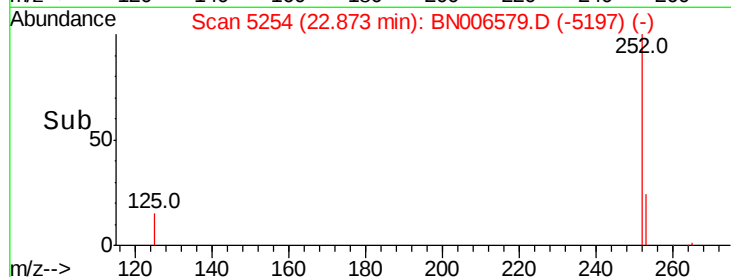
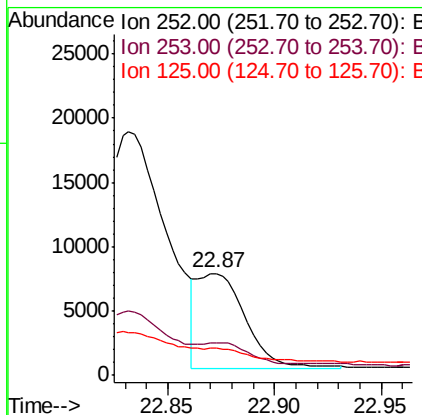
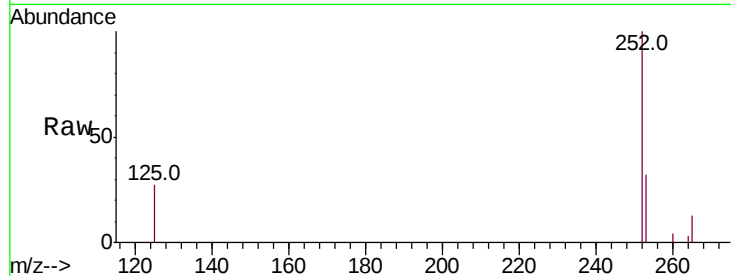
ClientSampled :

A4214DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.2	20.3	30.5#
125	26.8	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 0.679 ng/ul

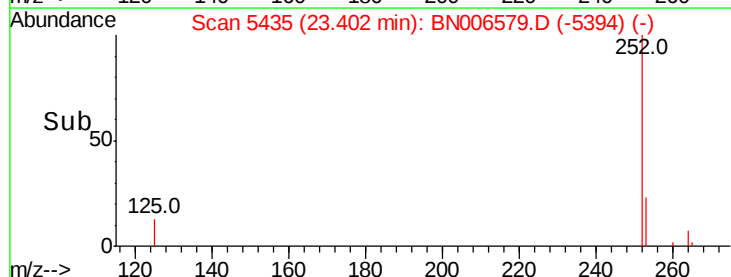
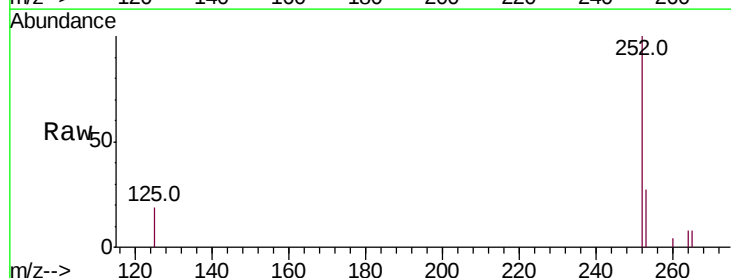
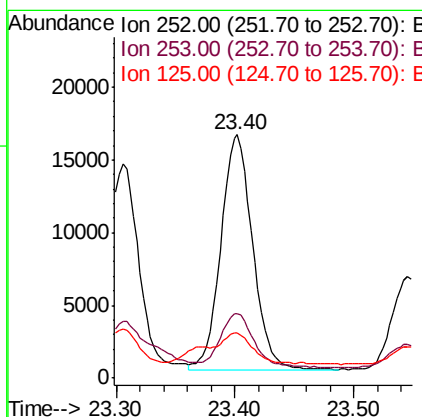
RT: 23.40 min Scan# 5435

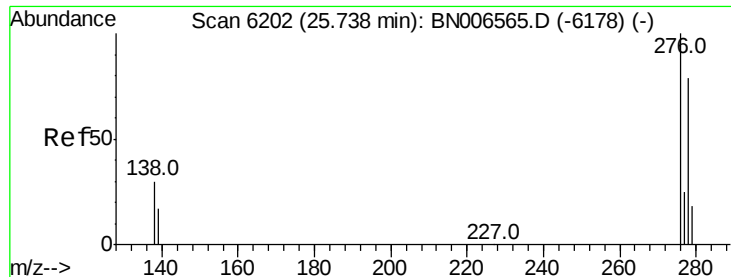
Delta R.T. 0.02 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.1	31.7
125	18.7	20.3	30.5#





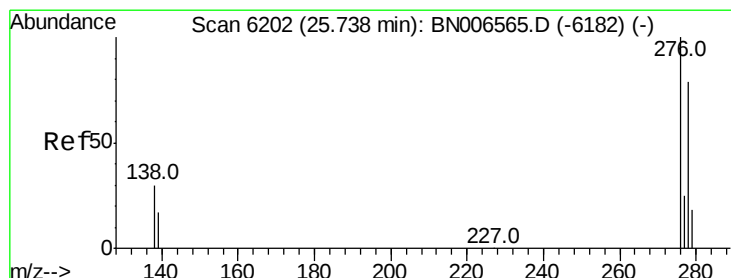
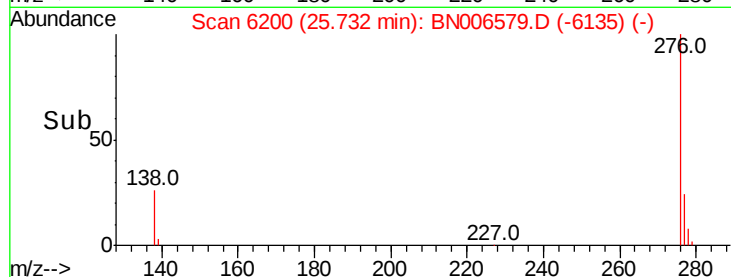
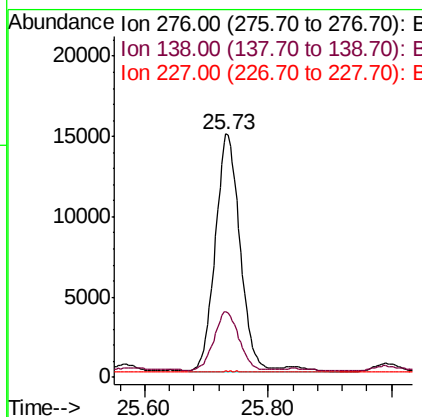
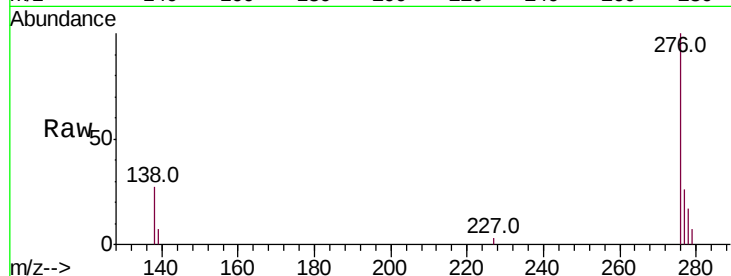
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.879 ng/ul
 RT: 25.73 min Scan# 6200
 Delta R.T. 0.02 min
 Lab File: BN006579.D
 Acq: 25 Jun 2019 20:18

Instrument :
 BNA_N
 ClientSampleId :
 A4214DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.6	38.4#
227	0.1	0.3	0.5#

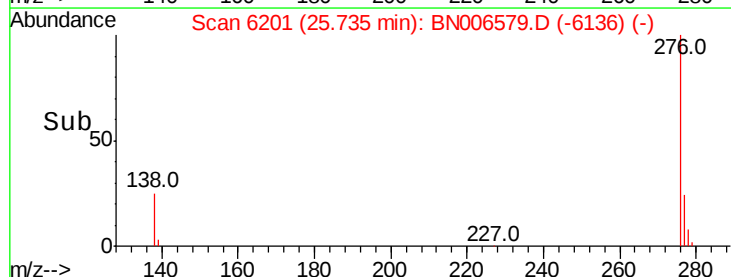
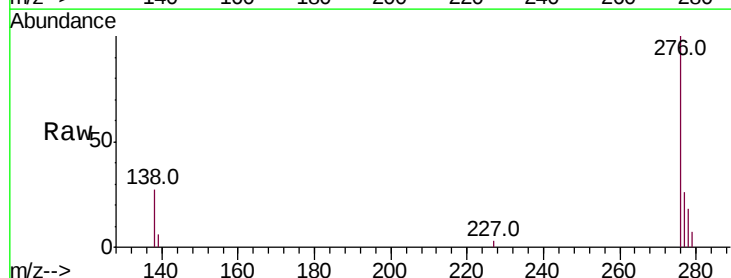
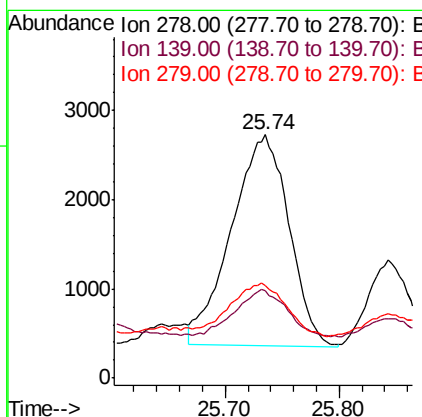
Manual Integrations
 APPROVED

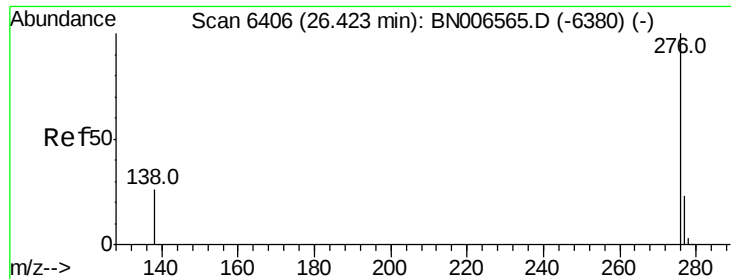
mohammad
 6/26/2019 8:12:55 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.217 ng/ul
 RT: 25.74 min Scan# 6201
 Delta R.T. 0.02 min
 Lab File: BN006579.D
 Acq: 25 Jun 2019 20:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.7	21.2	31.8#
279	37.8	22.6	33.8#





#26
Benzo(a,h,i)perylene
Concen: 1.149 ng/ul
RT: 26.42 min Scan# 6406
Delta R.T. 0.03 min
Lab File: BN006579.D
Acq: 25 Jun 2019 20:18

Instrument :
BNA_N
ClientSampleId :
A4214DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	24.2	36.4
277	24.9	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/26/2019 8:12:55 AM

