

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006169.D
 Acq On : 07 Jun 2019 16:26
 Operator : JU/SJ
 Sample : K3201-02DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3DL

Manual Integrations
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Quant Time: Jun 07 17:27:09 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5140	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19837	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10318	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20885	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	16401	0.40	ng/ul	0.03
20) Perylene-d12	23.54	264	20492	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1606	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3261	0.06	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1902	0.033	ng/ul#	88
8) Acenaphthene	14.36	153	1110	0.028	ng/ul	96
9) Fluorene	15.35	166	1365	0.029	ng/ul#	93
12) Phenanthrene	17.09	178	18733	0.279	ng/ul	98
13) Anthracene	17.19	178	4638	0.072	ng/ul#	93
15) Fluoranthene	19.13	202	32279	0.436	ng/ul	97
17) Pyrene	19.49	202	29756	0.344	ng/ul	97
18) Benzo(a)anthracene	21.27	228	15486	0.213	ng/ul	98
19) Chrysene	21.33	228	15584	0.229	ng/ul	98
21) Benzo(b)fluoranthene	22.87	252	19867m	0.233	ng/ul	
22) Benzo(k)fluoranthene	22.91	252	9205m	0.111	ng/ul	
23) Benzo(a)pyrene	23.44	252	12773	0.161	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.78	276	9334	0.108	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.79	278	2424	0.035	ng/ul#	69
26) Benzo(g,h,i)perylene	26.46	276	7332	0.102	ng/ul	96

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

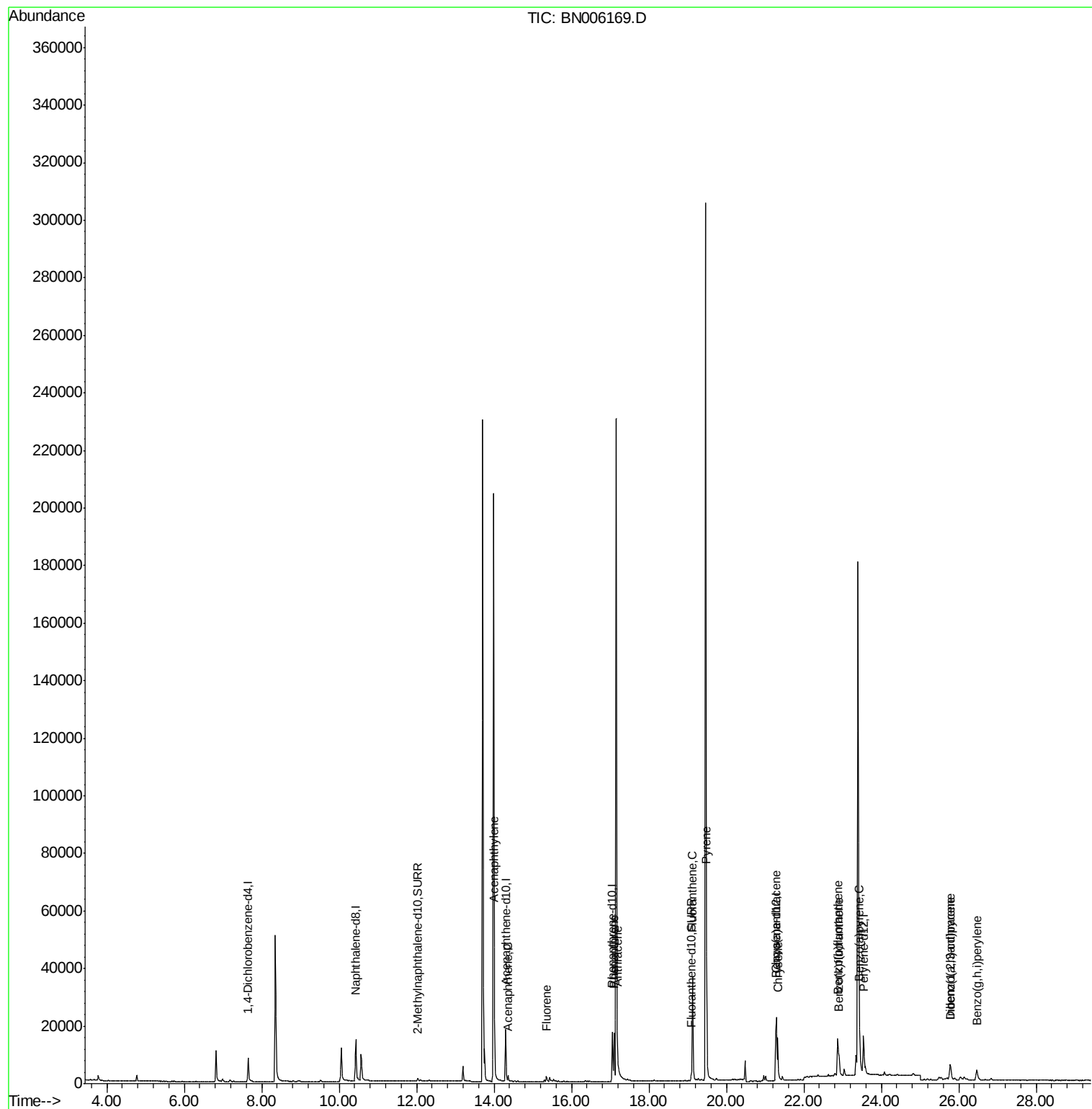
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006169.D
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Misc :
ALS Vial : 35 Sample Multiplier: 1

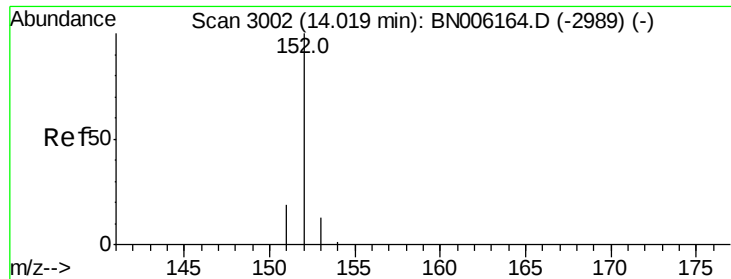
Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Quant Time: Jun 07 17:27:09 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 : Fri Jun 07 01:31:14 2019
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#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006169.D

Acq: 07 Jun 2019 16:26

Instrument :

BNA_N

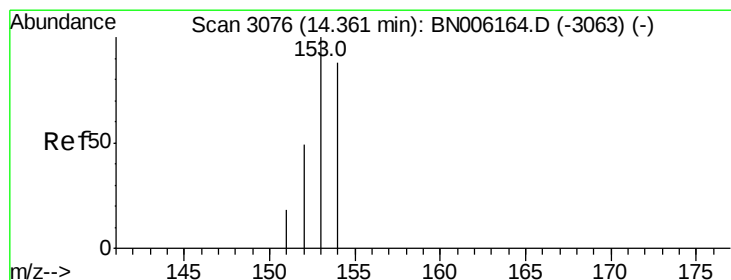
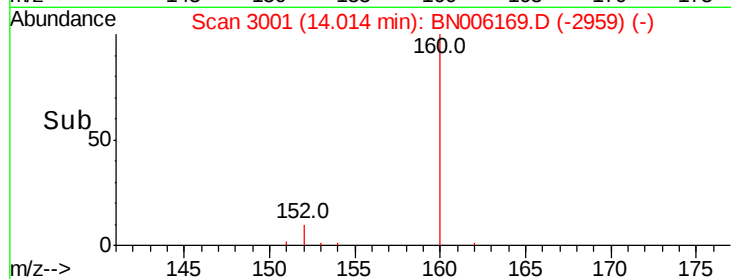
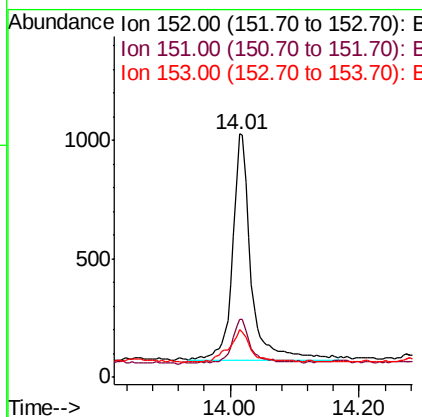
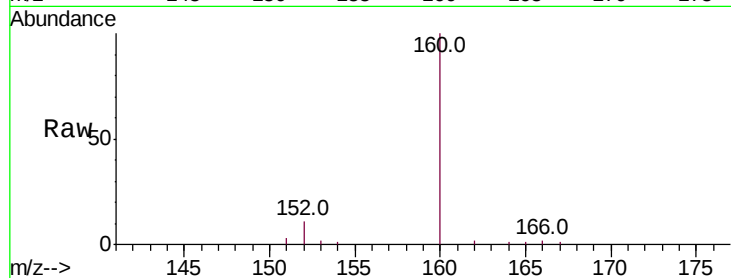
ClientSampled :

C0AB3DL

Tot Ion:	152	Resp:	1902
Ion Ratio	Lower	Upper	
152	100		
151	24.0	15.8	23.8#
153	19.6	10.8	16.2#

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#8

Acenaphthene

Concen: 0.028 ng/ul

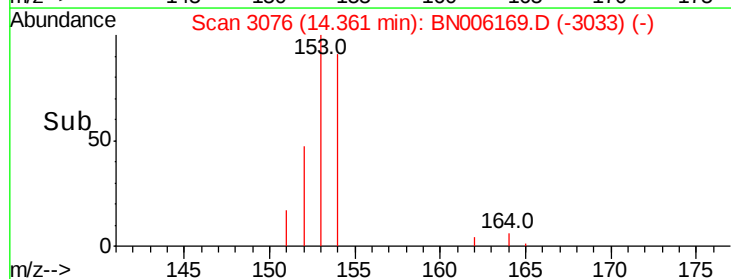
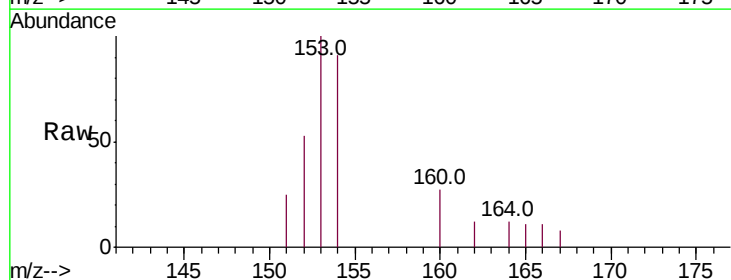
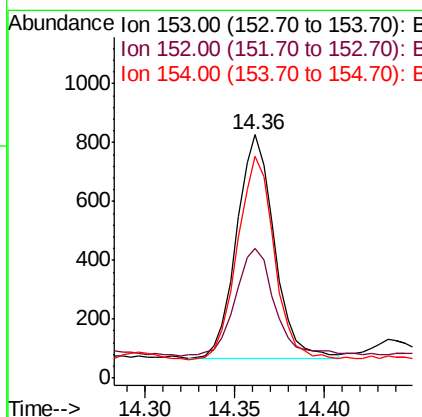
RT: 14.36 min Scan# 3076

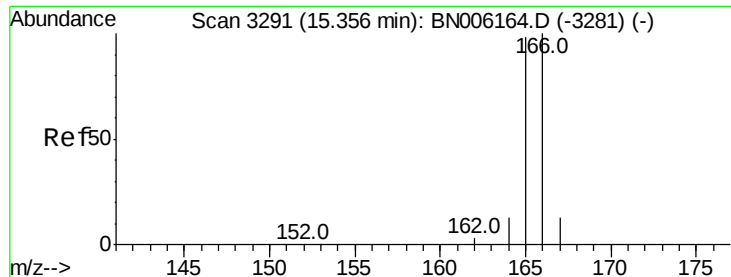
Delta R.T. -0.00 min

Lab File: BN006169.D

Acq: 07 Jun 2019 16:26

Tgt Ion:	153	Resp:	1110
Ion Ratio	Lower	Upper	
153	100		
152	53.2	39.1	58.7
154	91.1	71.1	106.7





#9

Fluorene

Concen: 0.029 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006169.D

Acq: 07 Jun 2019 16:26

Instrument :

BNA_N

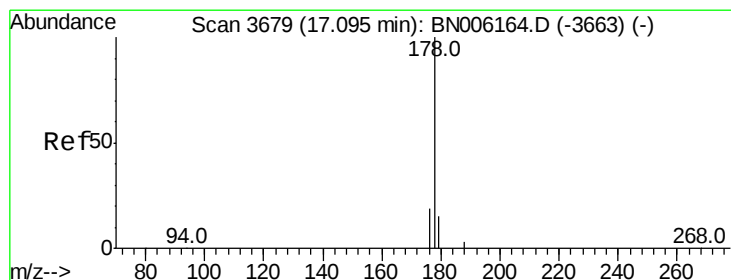
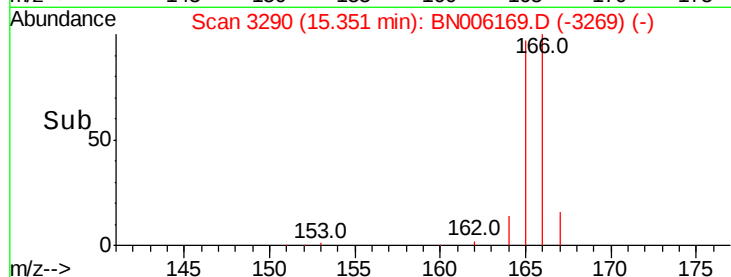
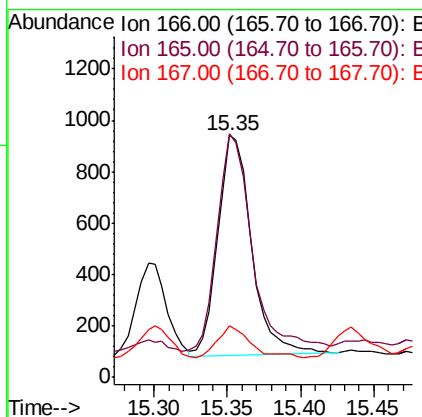
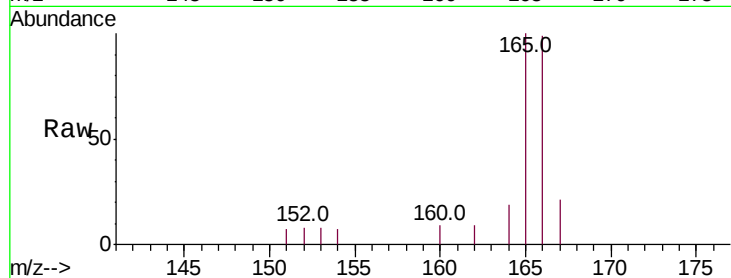
ClientSampleId :

C0AB3DL

Tot Ion:	166	Resp:	1365
Ion Ratio	Lower	Upper	
166	100		
165	100.5	76.4	114.6
167	21.2	11.0	16.6#

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#12

Phenanthrene

Concen: 0.279 ng/ul

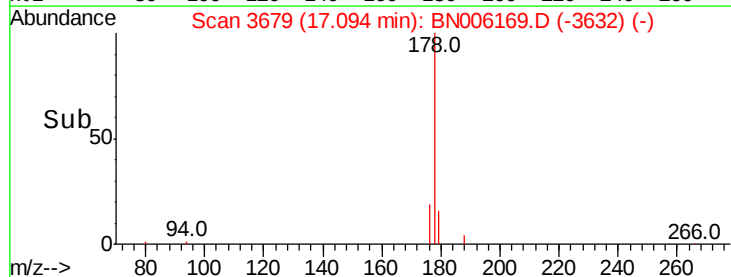
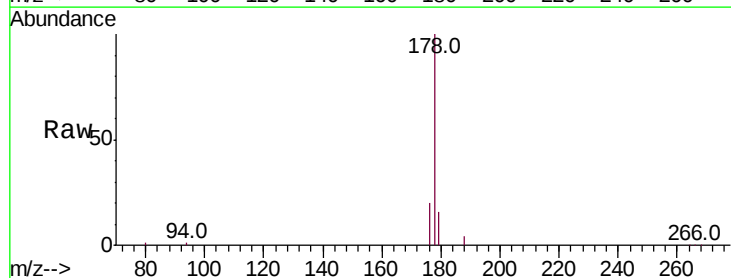
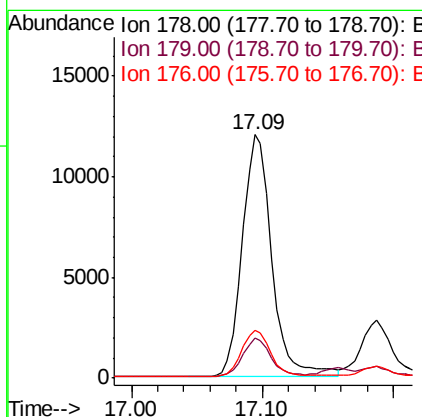
RT: 17.09 min Scan# 3679

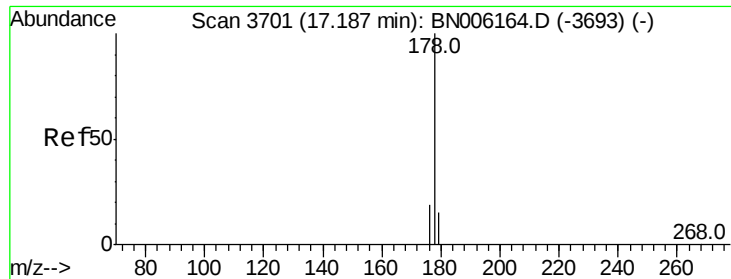
Delta R.T. -0.00 min

Lab File: BN006169.D

Acq: 07 Jun 2019 16:26

Tgt Ion:	178	Resp:	18733
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.3	18.5
176	19.7	15.3	22.9





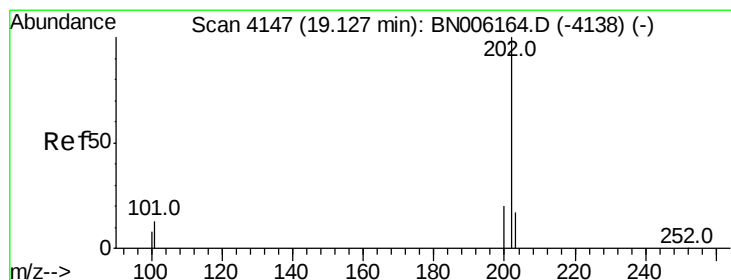
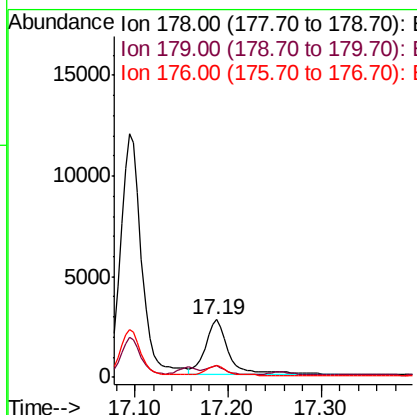
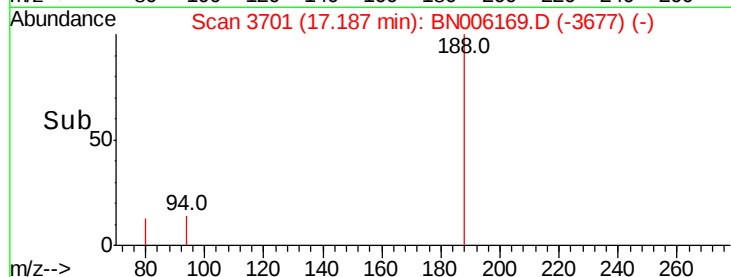
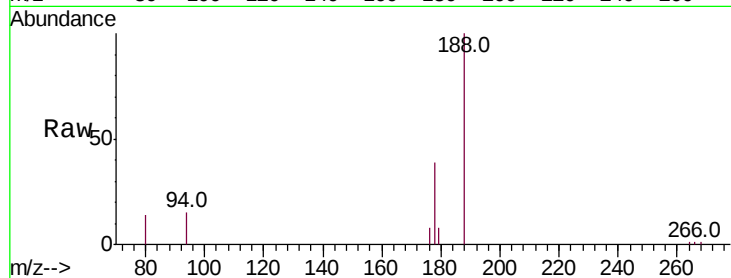
#13
 Anthracene
 Concen: 0.072 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BN006169.D
 Acq: 07 Jun 2019 16:26

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3DL

Tot Ion:178 Resp: 4638
 Ion Ratio Lower Upper
 178 100
 179 19.8 12.2 18.4#
 176 20.4 15.1 22.7

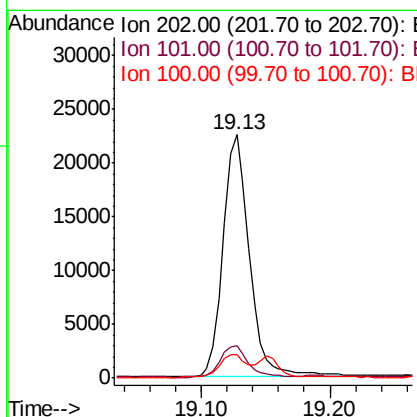
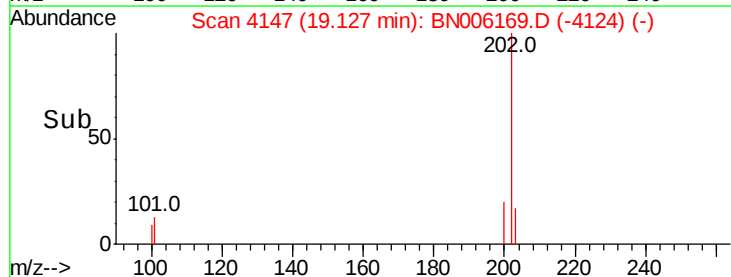
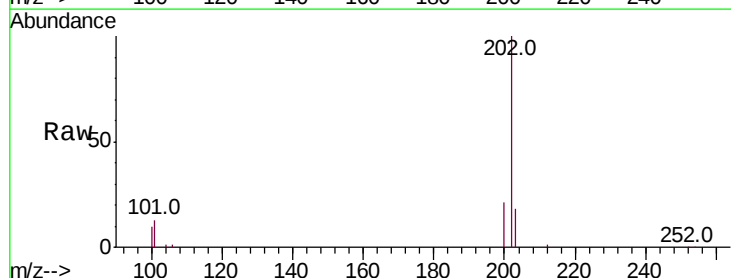
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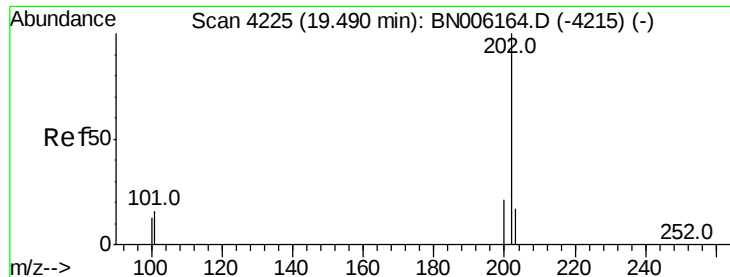
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#15
 Fluoranthene
 Concen: 0.436 ng/ul
 RT: 19.13 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: BN006169.D
 Acq: 07 Jun 2019 16:26

Tgt Ion:202 Resp: 32279
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 32.1
 100 9.7 0.0 28.7





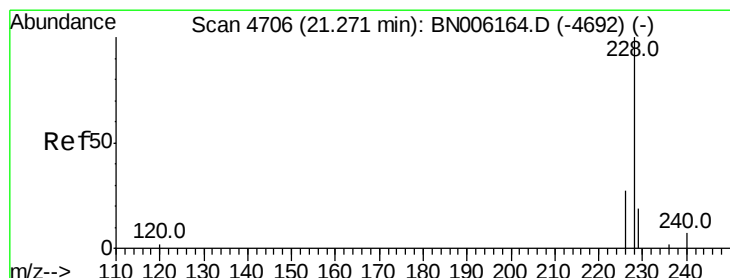
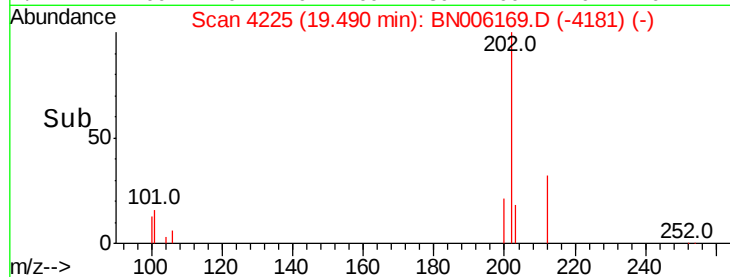
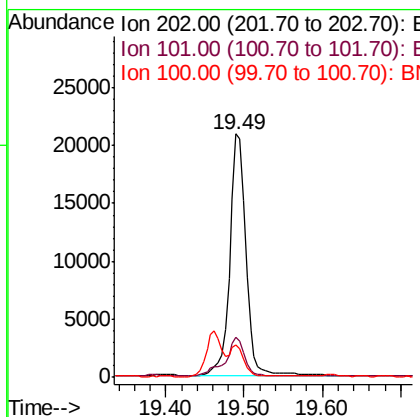
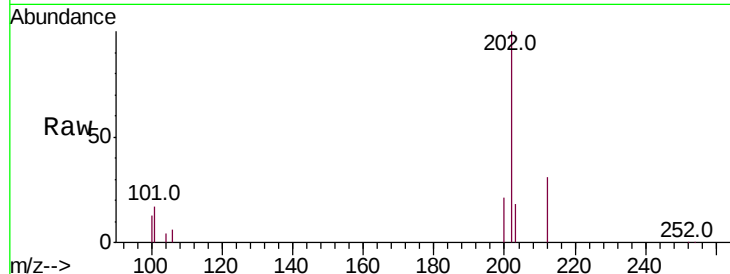
#17
Pvrene
Concen: 0.344 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006169.D
Acq: 07 Jun 2019 16:26

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.7	12.2	18.2
100	13.3	9.8	14.6

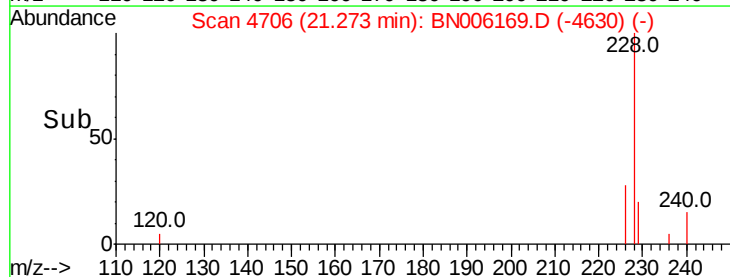
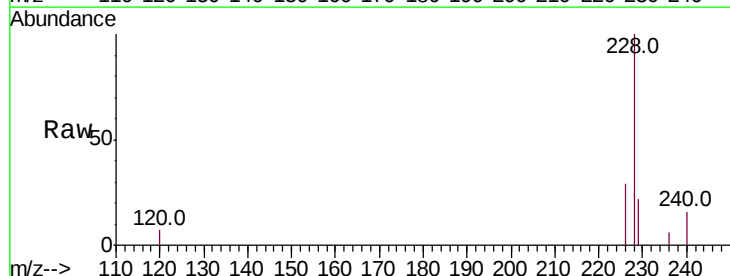
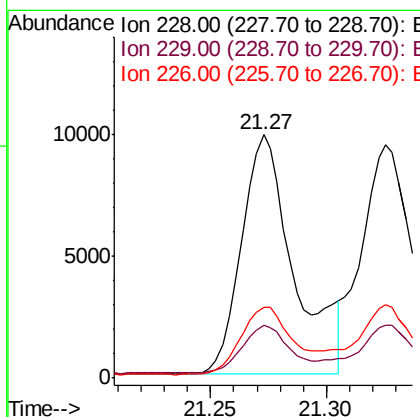
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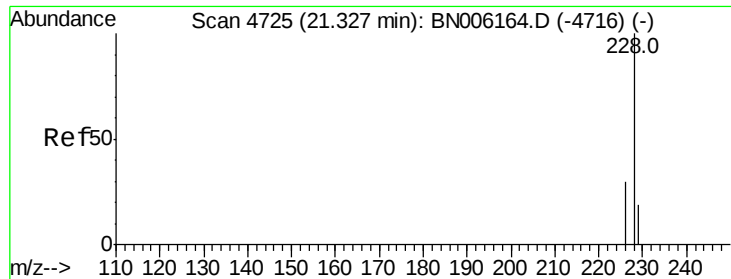
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#18
Benzo(a)anthracene
Concen: 0.213 ng/ul
RT: 21.27 min Scan# 4706
Delta R.T. 0.02 min
Lab File: BN006169.D
Acq: 07 Jun 2019 16:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.5	24.7
226	29.3	22.8	34.2





#19

Chrysene

Concen: 0.229 ng/ul

RT: 21.33 min Scan# 4724

Delta R.T. 0.03 min

Lab File: BN006169.D

Acq: 07 Jun 2019 16:26

Instrument :

BNA_N

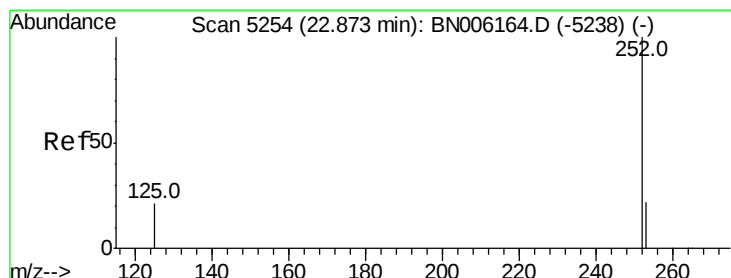
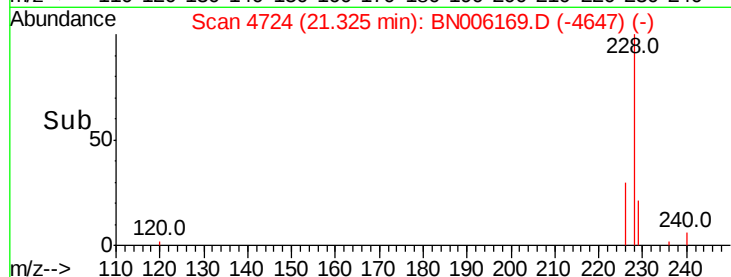
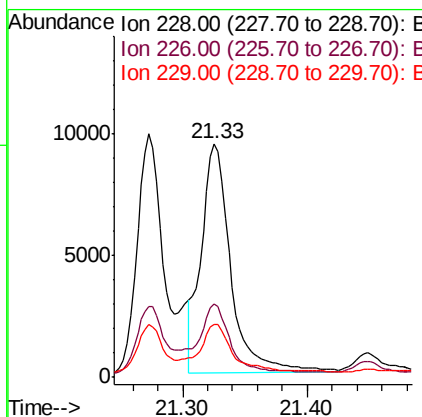
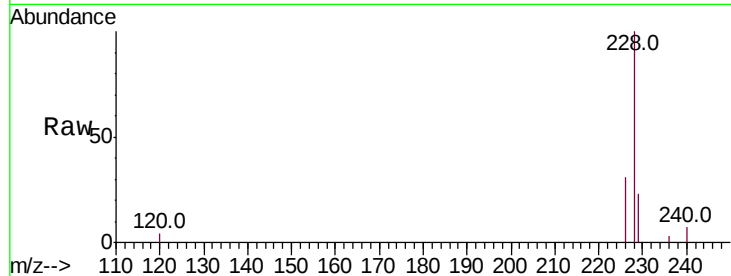
ClientSampled :

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Tot Ion:	228	Resp:	15584
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	22.6	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.233 ng/ul m

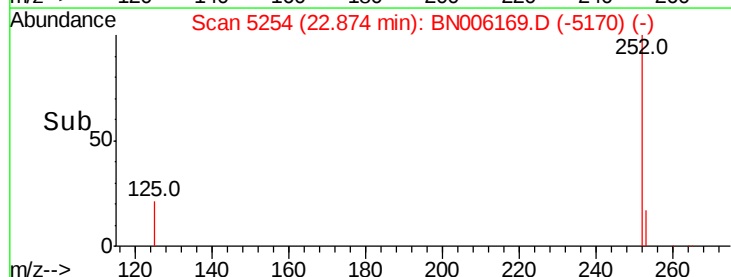
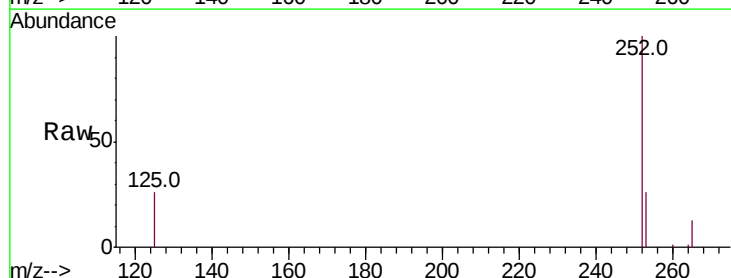
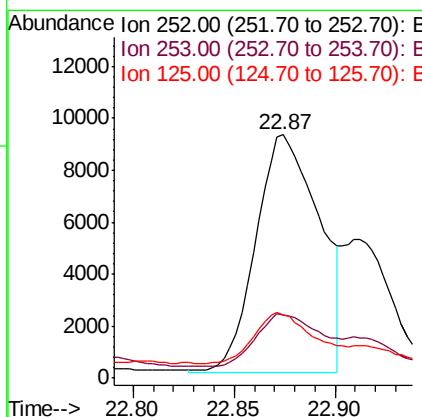
RT: 22.87 min Scan# 5254

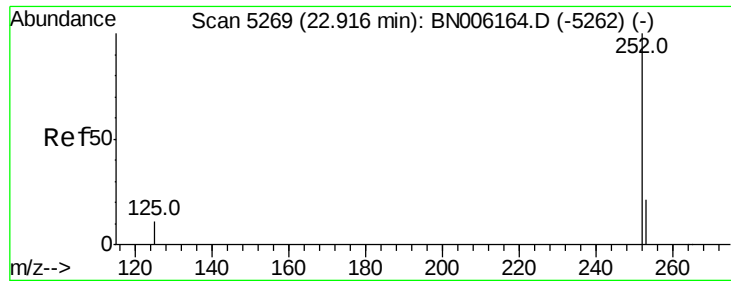
Delta R.T. 0.05 min

Lab File: BN006169.D

Acq: 07 Jun 2019 16:26

Tgt Ion:	252	Resp:	19867
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	51.4
125	26.1	0.0	41.0





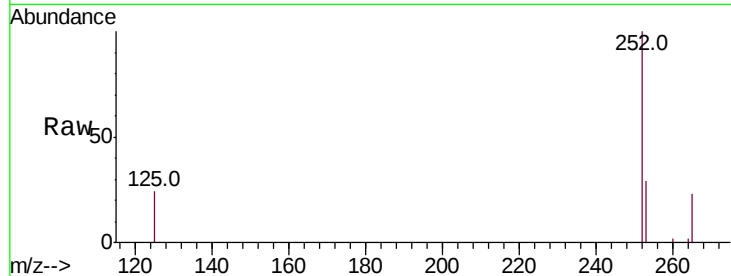
#22
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 22.91 min Scan# 5267
Delta R.T. 0.04 min
Lab File: BN006169.D
Acq: 07 Jun 2019 16:26

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.2	20.3	30.5
125	23.8	14.3	21.5

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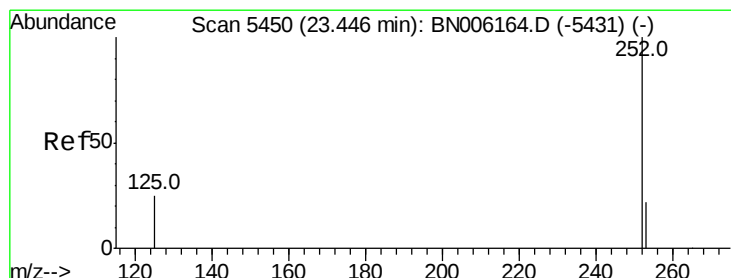
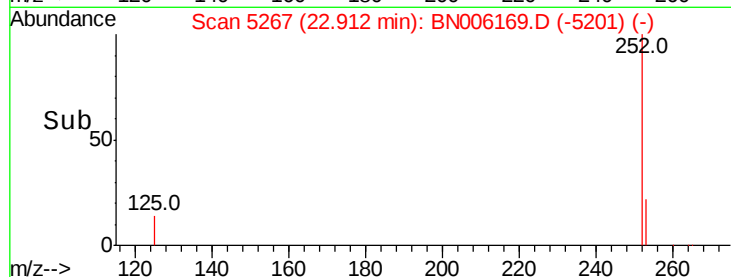
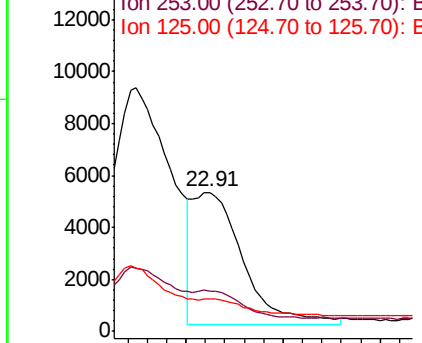


Abundance

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: 0.161 ng/ul
RT: 23.44 min Scan# 5449
Delta R.T. 0.05 min
Lab File: BN006169.D
Acq: 07 Jun 2019 16:26

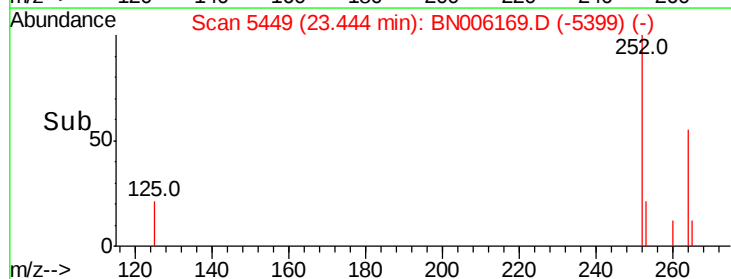
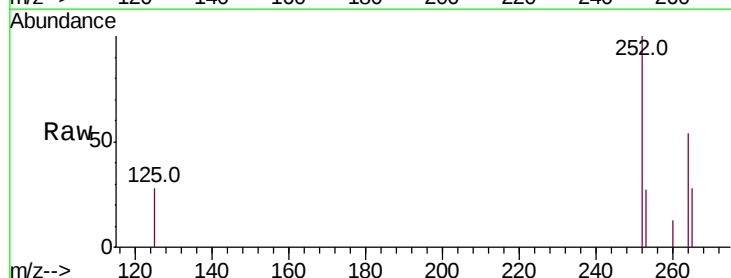
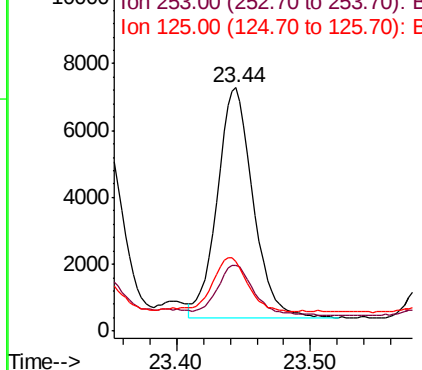
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.1	31.7
125	28.3	20.3	30.5

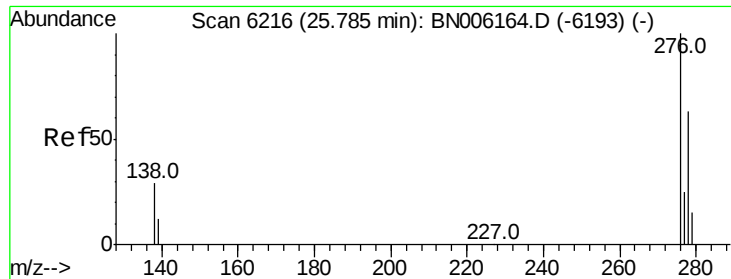
Abundance

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





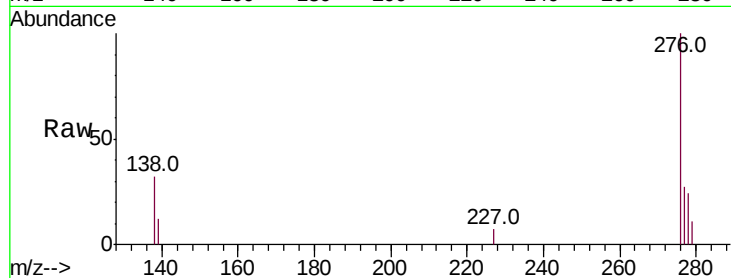
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng/ul
RT: 25.78 min Scan# 6214
Delta R.T. 0.05 min
Lab File: BN006169.D
Acq: 07 Jun 2019 16:26

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.6	38.4#
227	1.8	0.3	0.5#

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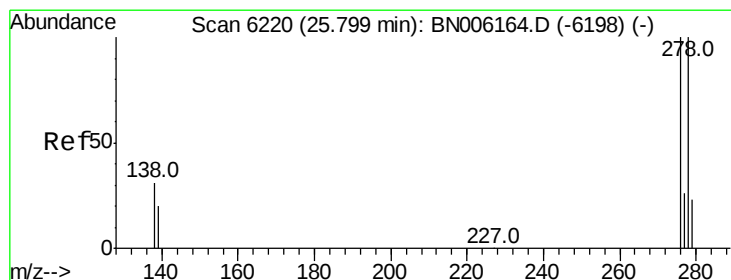
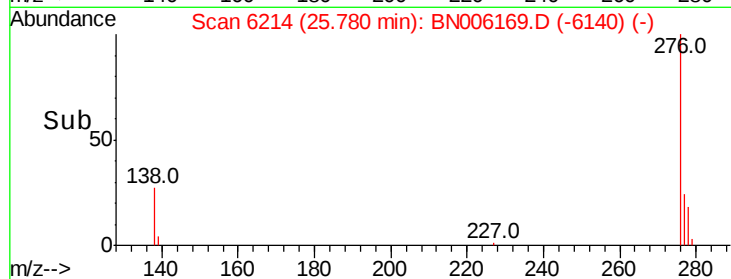
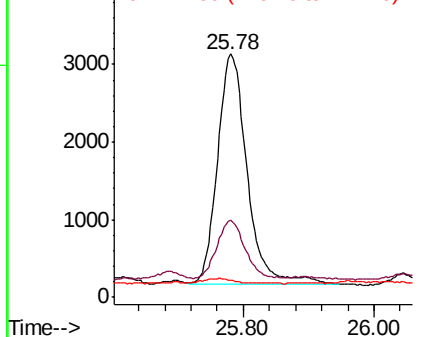


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.79 min Scan# 6217
Delta R.T. 0.05 min
Lab File: BN006169.D
Acq: 07 Jun 2019 16:26

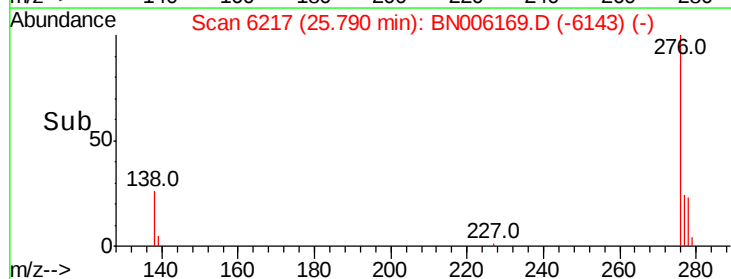
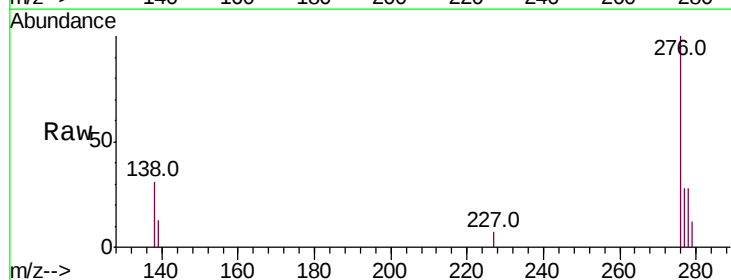
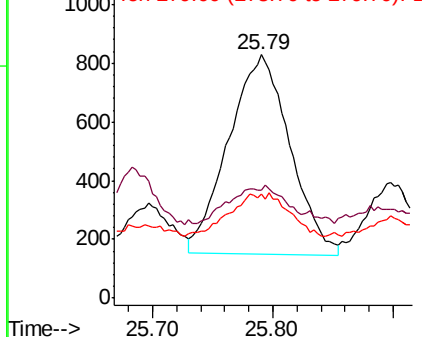
Tgt Ion	Ratio	Lower	Upper
278	100		
139	44.3	21.2	31.8#
279	42.6	22.6	33.8#

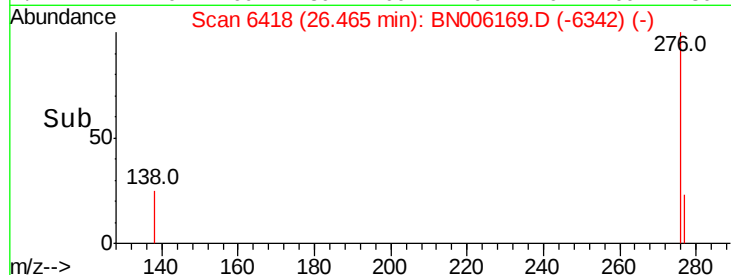
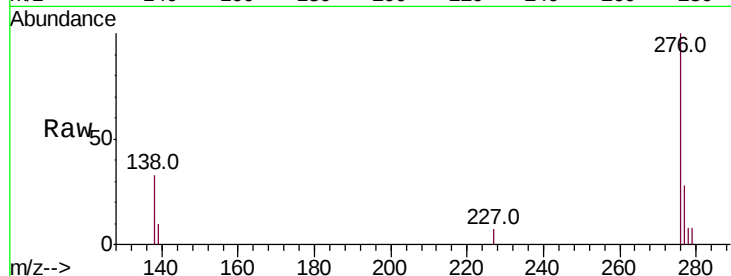
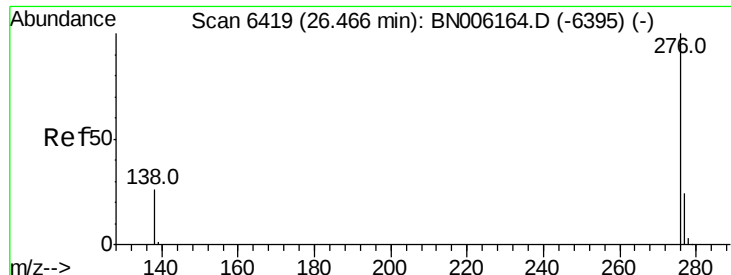
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
Benzo(a,h,i)perylene
Concen: 0.102 ng/ul
RT: 26.46 min Scan# 6418
Delta R.T. 0.06 min
Lab File: BN006169.D
Acq: 07 Jun 2019 16:26

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	24.2	36.4
277	28.4	21.5	32.3

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:32 PM

