

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006556.D
 Acq On : 25 Jun 2019 05:51
 Operator : HP/JU
 Sample : K3388-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4216

Manual Integrations
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mohammad
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Quant Time: Jun 25 07:45:41 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 01:51:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5254	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	19638	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9740	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	18320m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	9854m	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	9796m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5947	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	11538m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	1243	0.023	ng/ul#	79
7) Acenaphthylene	14.00	152	1618	0.030	ng/ul#	78
12) Phenanthrene	17.08	178	12995	0.221	ng/ul	97
13) Anthracene	17.17	178	2218m	0.039	ng/ul	
15) Fluoranthene	19.11	202	31079m	0.479	ng/ul	
17) Pyrene	19.48	202	25628	0.494	ng/ul	99
18) Benzo(a)anthracene	21.24	228	9571m	0.220	ng/ul	
19) Chrysene	21.29	228	11364m	0.278	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	16448m	0.403	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	5517m	0.139	ng/ul	
23) Benzo(a)pyrene	23.39	252	10030	0.264	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.72	276	8027	0.195	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.72	278	1944	0.059	ng/ul#	1
26) Benzo(g,h,i)perylene	26.41	276	6809	0.197	ng/ul#	75

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

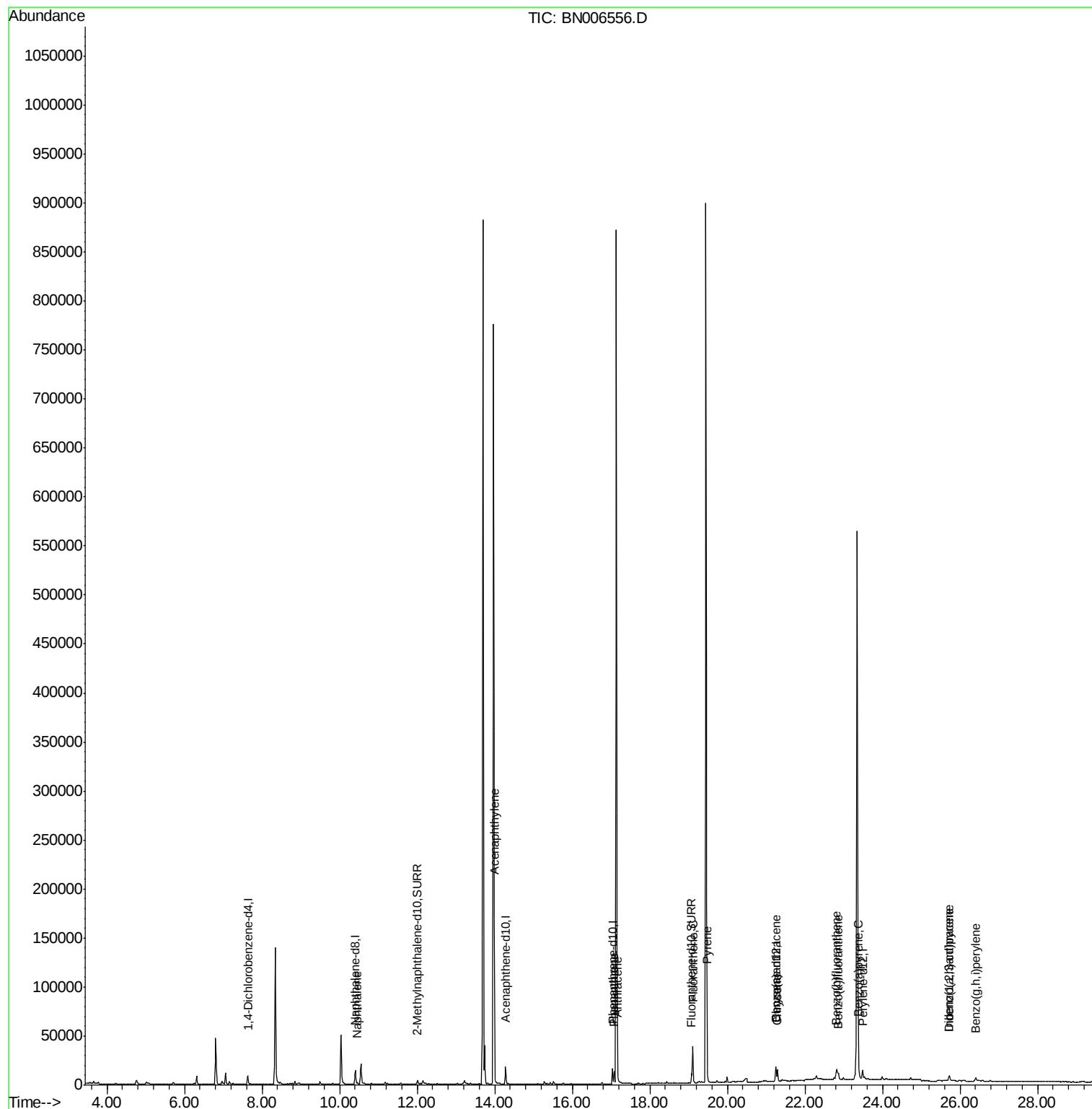
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006556.D
Acq On : 25 Jun 2019 05:51
Operator : HP/JU
Sample : K3388-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

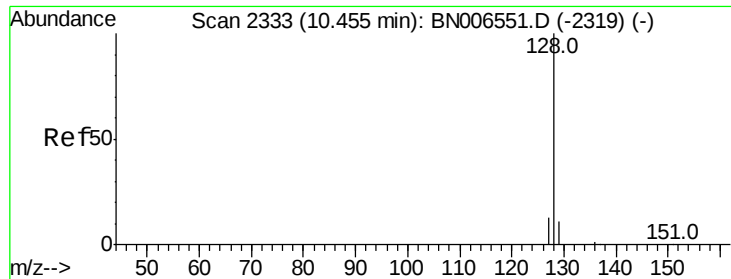
Instrument :
BNA_N
ClientSampleId :
A4216

Quant Time: Jun 25 07:45:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006556.D

Acq: 25 Jun 2019 05:51

Instrument :

BNA_N

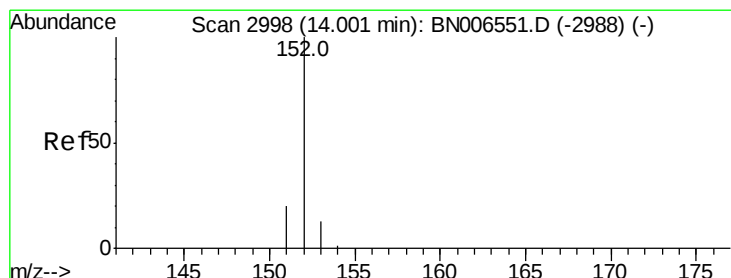
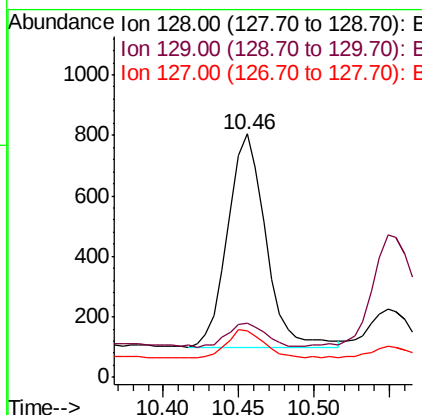
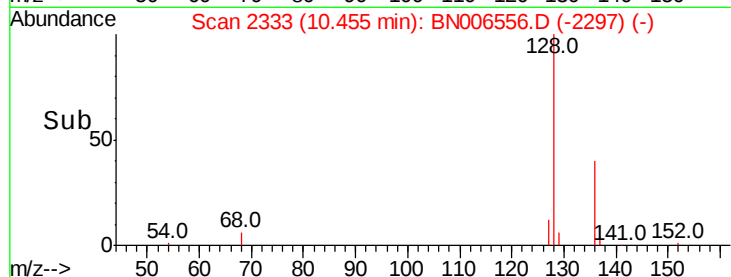
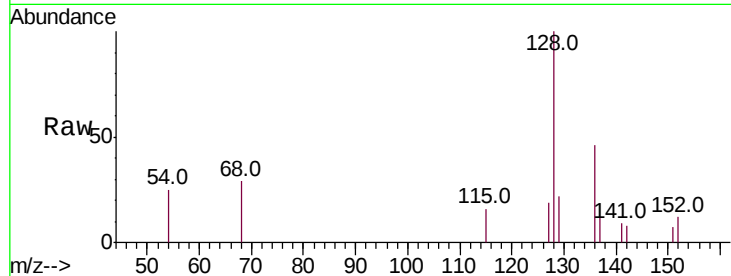
ClientSampled :

A4216

Tot Ion:	128	Resp:	1243
Ion	Ratio	Lower	Upper
128	100		
129	22.4	9.3	13.9#
127	19.1	10.7	16.1#

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#7

Acenaphthylene

Concen: 0.030 ng/ul

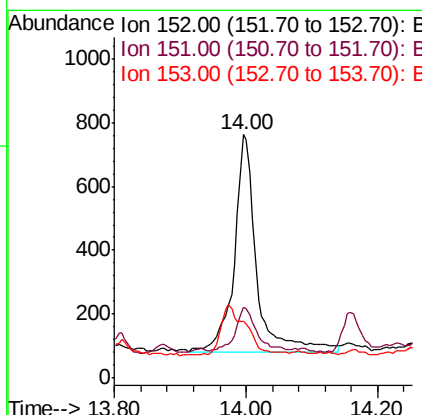
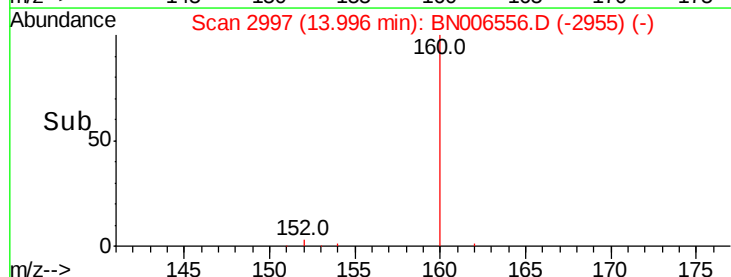
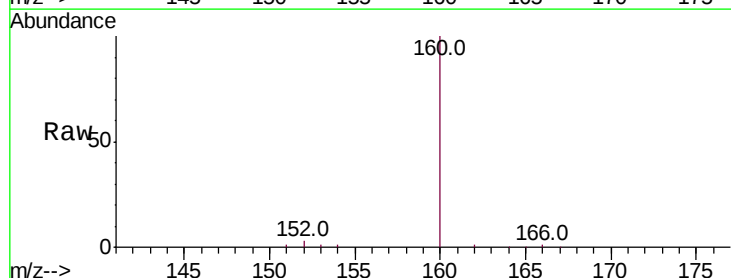
RT: 14.00 min Scan# 2997

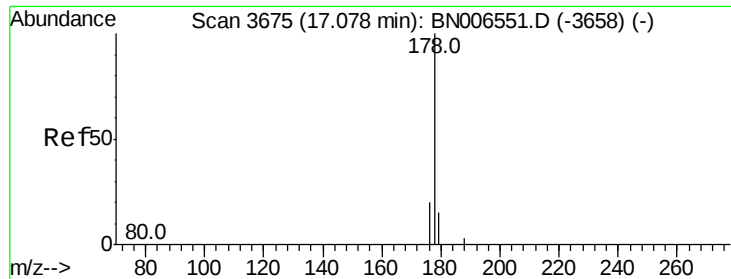
Delta R.T. -0.00 min

Lab File: BN006556.D

Acq: 25 Jun 2019 05:51

Tgt Ion:	152	Resp:	1618
Ion	Ratio	Lower	Upper
152	100		
151	29.3	15.8	23.8#
153	23.1	10.8	16.2#





#12

Phenanthrene

Concen: 0.221 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN006556.D

Acq: 25 Jun 2019 05:51

Instrument :

BNA_N

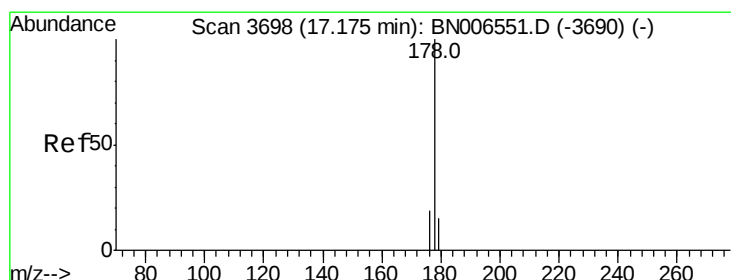
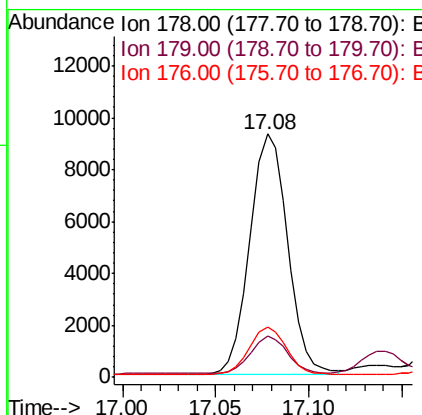
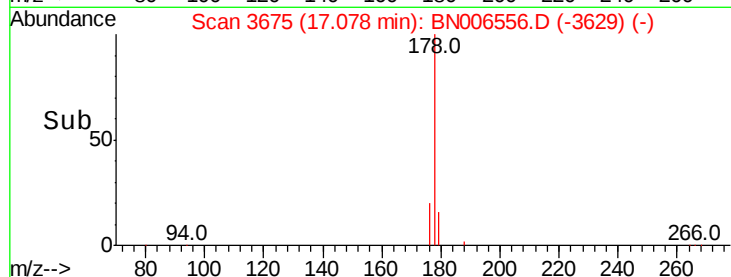
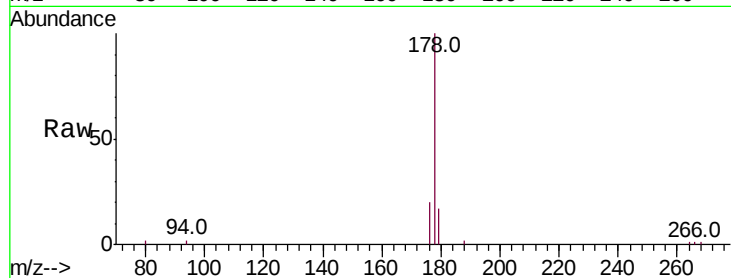
ClientSampleId :

A4216

Tot Ion:	178	Resp:	12995
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.3	18.5
176	20.5	15.3	22.9

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#13

Anthracene

Concen: 0.039 ng/ul m

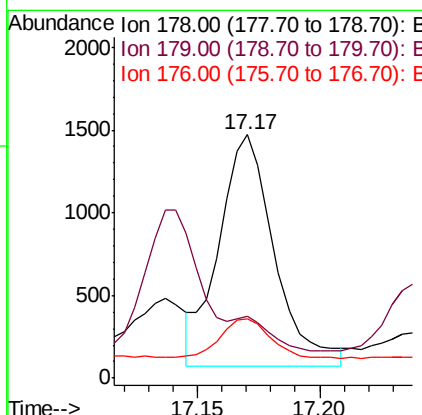
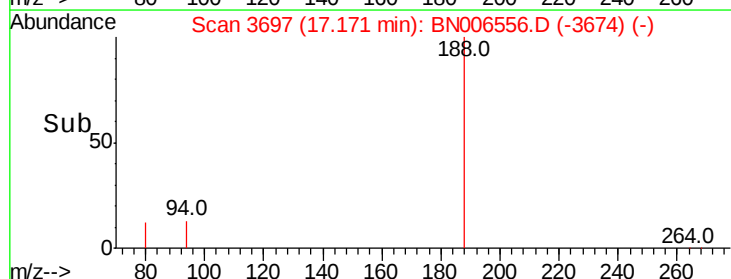
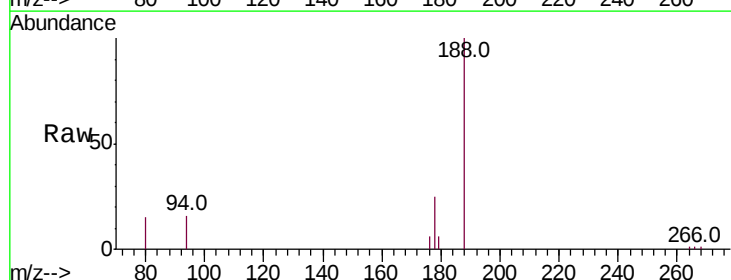
RT: 17.17 min Scan# 3697

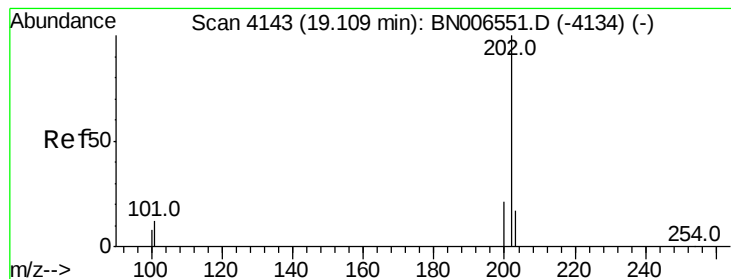
Delta R.T. -0.00 min

Lab File: BN006556.D

Acq: 25 Jun 2019 05:51

Tgt Ion:	178	Resp:	2218
Ion Ratio	Lower	Upper	
178	100		
179	25.3	12.2	18.4#
176	24.5	15.1	22.7#





#15

Fluoranthene

Concen: 0.479 ng/ul m

RT: 19.11 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN006556.D

Acq: 25 Jun 2019 05:51

Instrument :

BNA_N

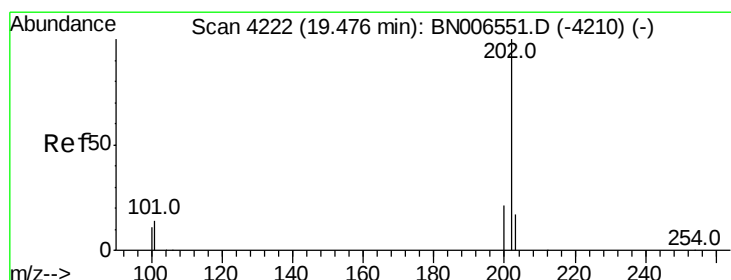
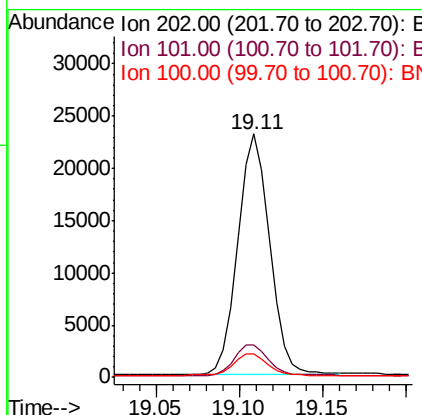
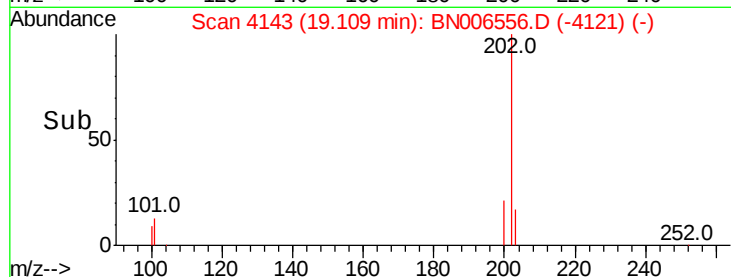
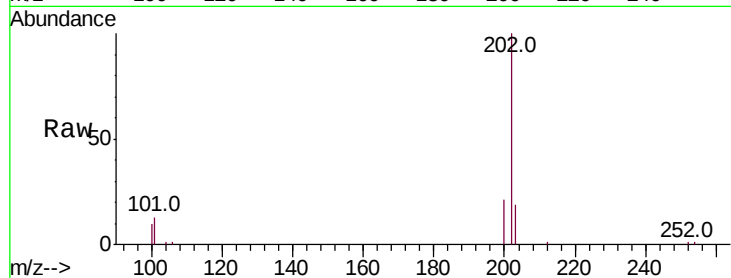
ClientSampleId :

A4216

Tot Ion:	202	Resp:	31079
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	32.1
100	9.9	0.0	28.7

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#17

Pyrene

Concen: 0.494 ng/ul

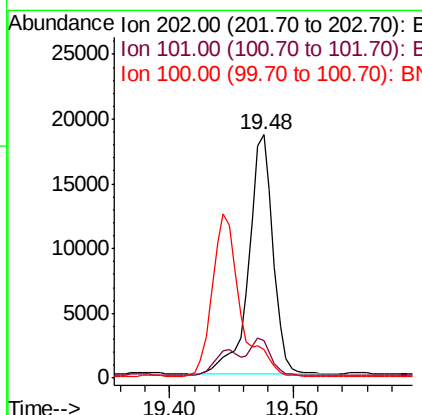
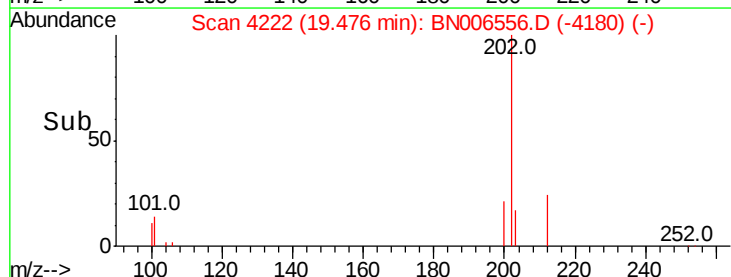
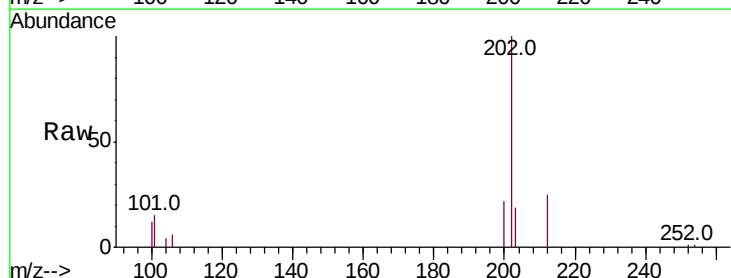
RT: 19.48 min Scan# 4222

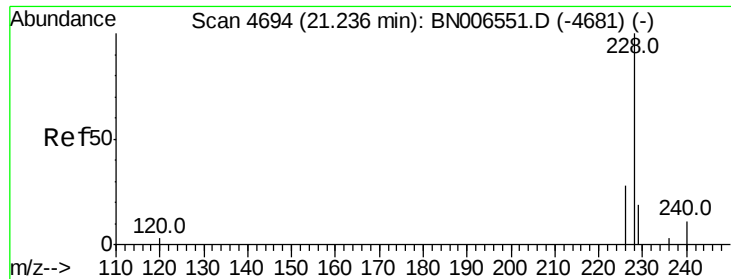
Delta R.T. -0.00 min

Lab File: BN006556.D

Acq: 25 Jun 2019 05:51

Tgt Ion:	202	Resp:	25628
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.2	18.2
100	11.9	9.8	14.6





#18

Benzo(a)anthracene

Concen: 0.220 ng/ul m

RT: 21.24 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN006556.D

Acq: 25 Jun 2019 05:51

Instrument :

BNA_N

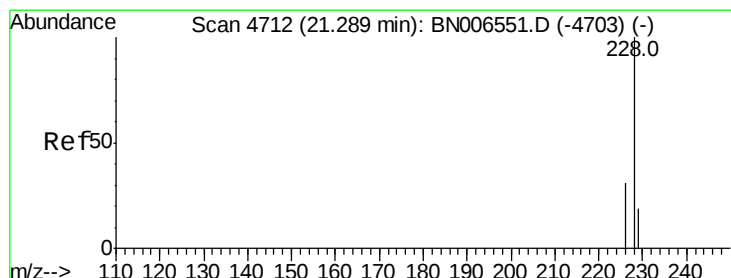
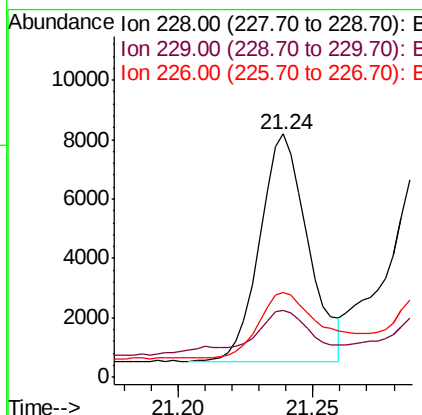
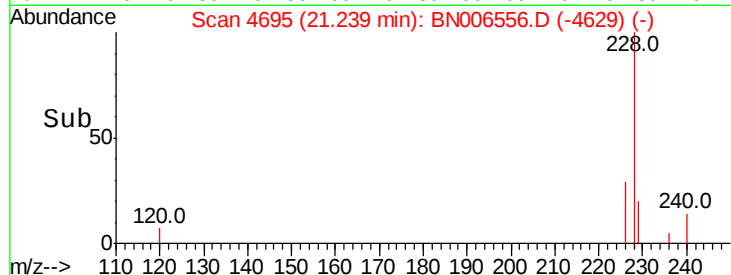
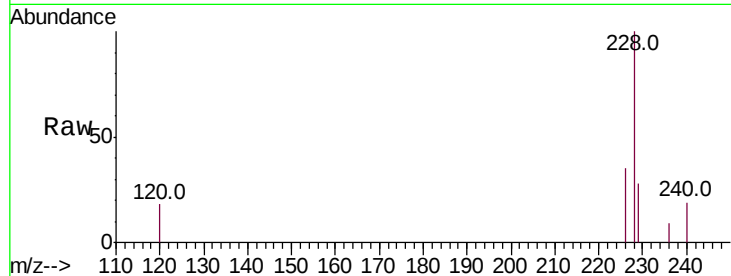
ClientSampleId :

A4216

Tot Ion:	228	Resp:	9571
Ion Ratio	Lower	Upper	
228	100		
229	27.6	16.5	24.7#
226	35.0	22.8	34.2#

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#19

Chrysene

Concen: 0.278 ng/ul m

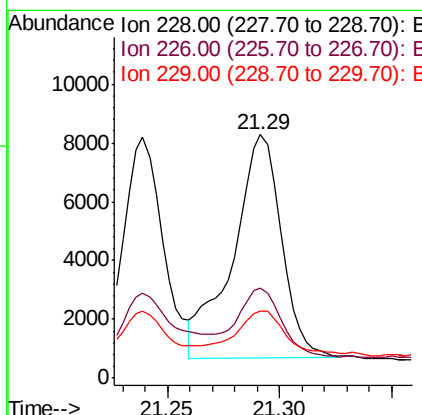
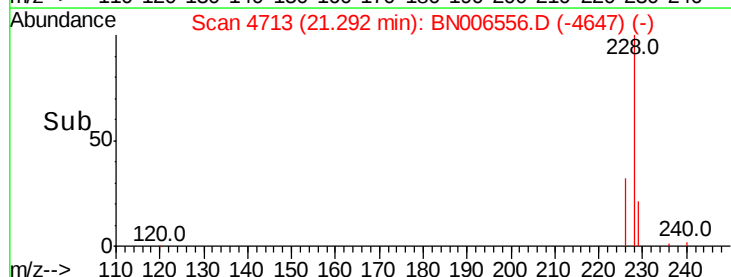
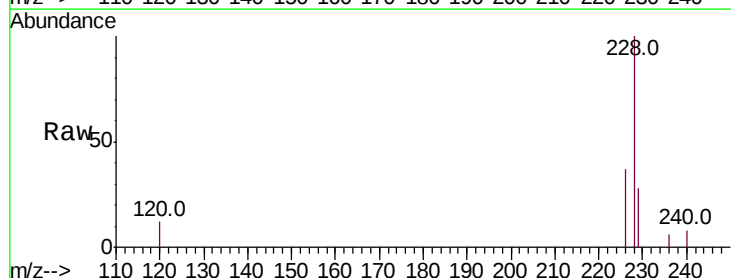
RT: 21.29 min Scan# 4713

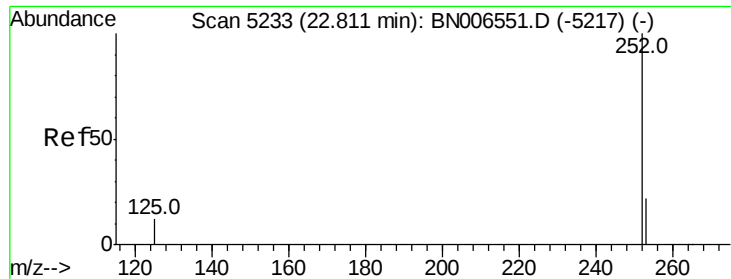
Delta R.T. -0.01 min

Lab File: BN006556.D

Acq: 25 Jun 2019 05:51

Tgt Ion:	228	Resp:	11364
Ion Ratio	Lower	Upper	
228	100		
226	37.0	25.0	37.6
229	27.6	16.3	24.5#





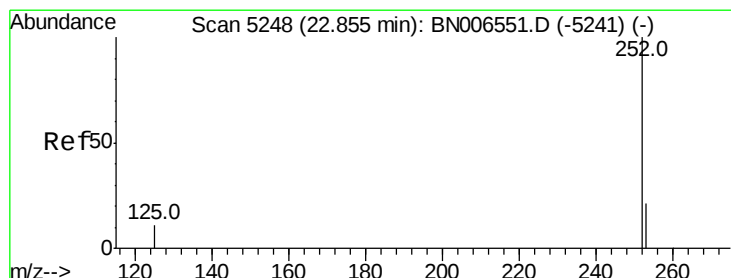
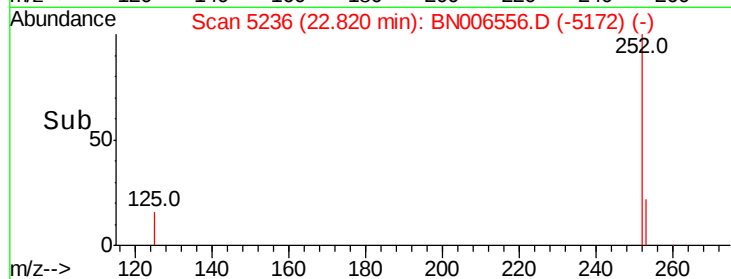
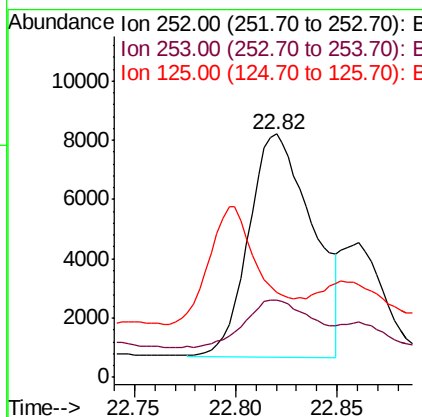
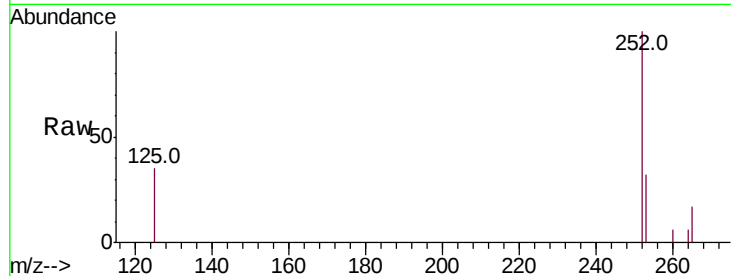
#21
Benzo(b)fluoranthene
Concen: 0.403 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. -0.01 min
Lab File: BN006556.D
Acq: 25 Jun 2019 05:51

Instrument :
BNA_N
ClientSampleId :
A4216

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.7	0.0	51.4
125	35.1	0.0	41.0

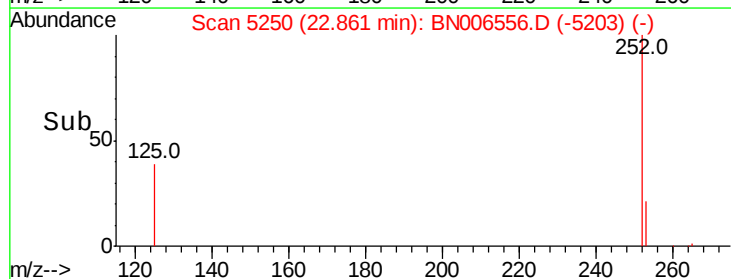
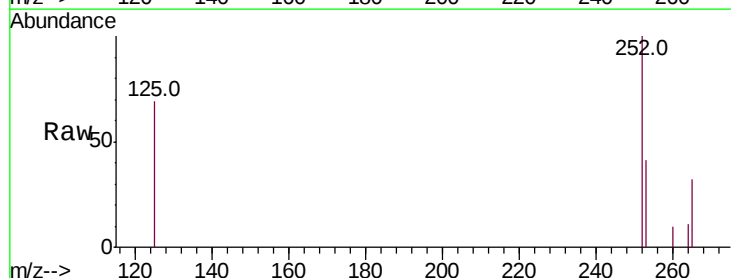
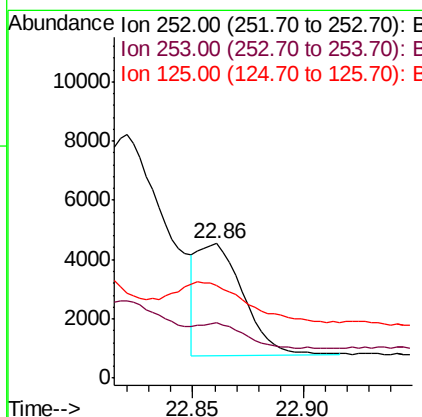
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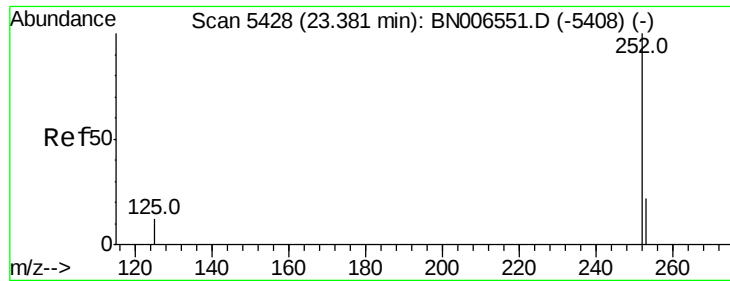
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#22
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. -0.01 min
Lab File: BN006556.D
Acq: 25 Jun 2019 05:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.0	20.3	30.5#
125	69.0	14.3	21.5#





#23

Benzo(a)pyrene

Concen: 0.264 ng/ul

RT: 23.39 min Scan# 5430

Delta R.T. -0.02 min

Lab File: BN006556.D

Acq: 25 Jun 2019 05:51

Instrument :

BNA_N

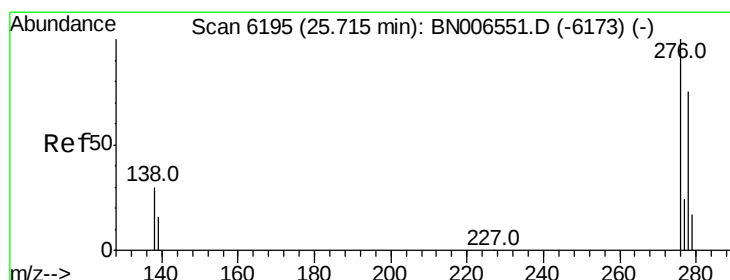
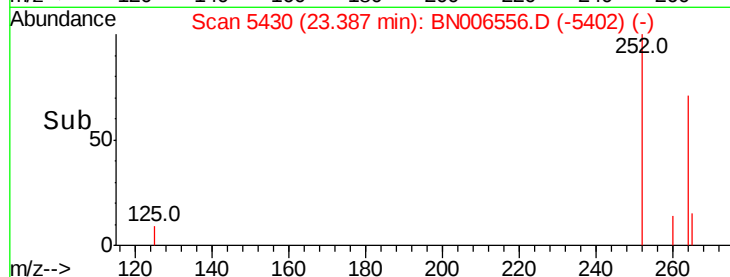
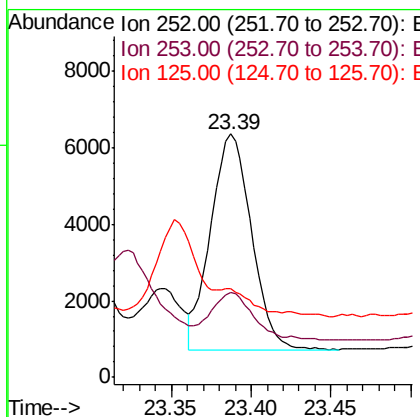
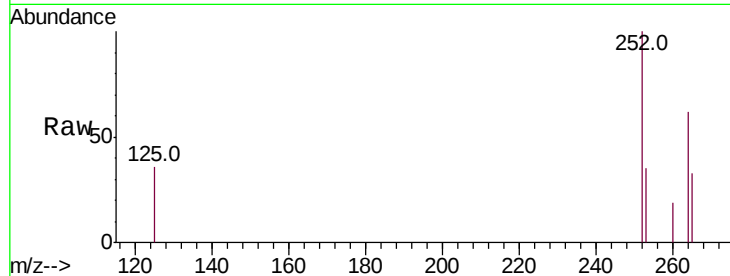
ClientSampleId :

A4216

Tot Ion:	252	Resp:	10030
Ion Ratio	Lower	Upper	
252	100		
253	35.0	21.1	31.7#
125	36.3	20.3	30.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.195 ng/ul

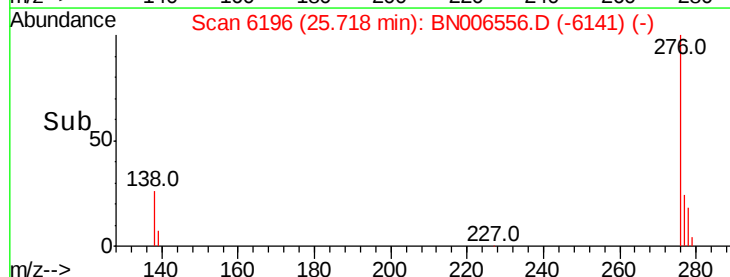
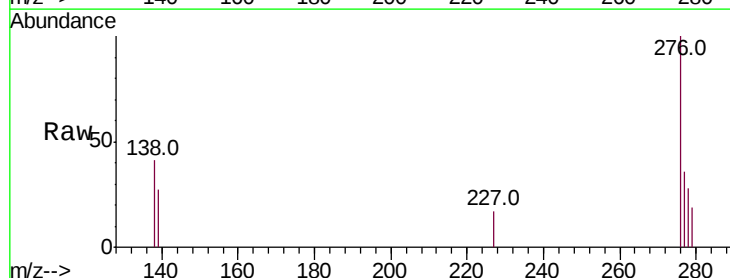
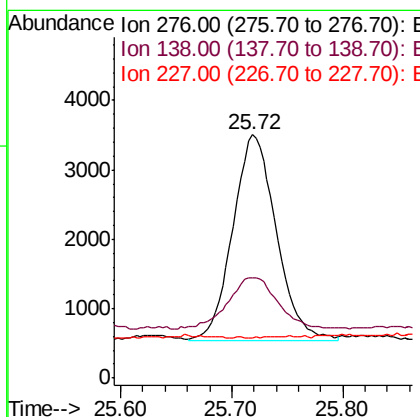
RT: 25.72 min Scan# 6196

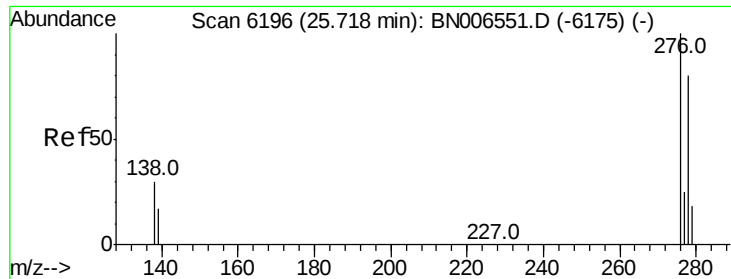
Delta R.T. -0.02 min

Lab File: BN006556.D

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Tgt Ion:	276	Resp:	8027
Ion Ratio	Lower	Upper	
276	100		
138	30.4	25.6	38.4
227	0.2	0.3	0.5#





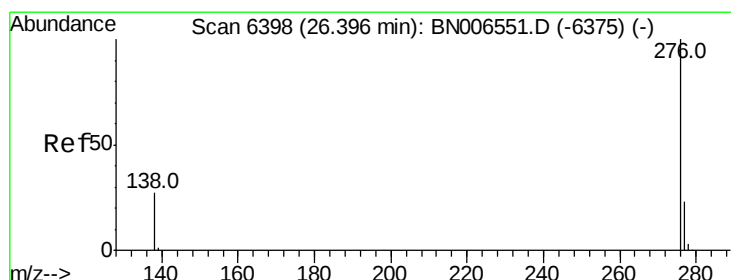
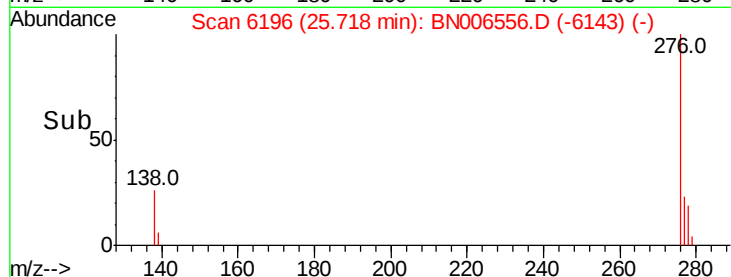
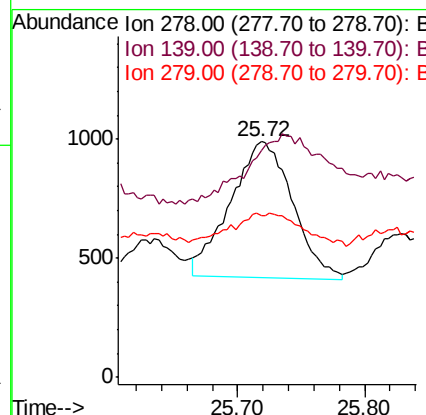
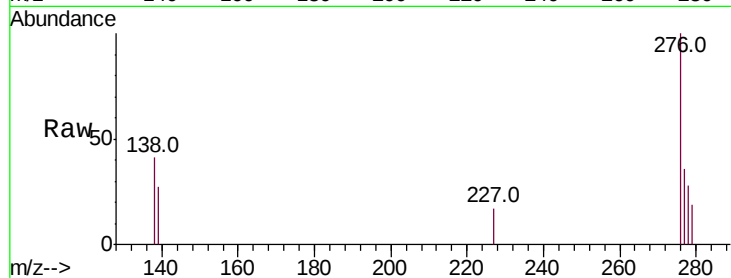
#25
Dibenzo(a,h)anthracene
Concen: 0.059 ng/u1
RT: 25.72 min Scan# 6196
Delta R.T. -0.02 min
Lab File: BN006556.D
Acq: 25 Jun 2019 05:51

Instrument :
BNA_N
ClientSampled :
A4216

Tot Ion	Ratio	Lower	Upper
278	100		
139	96.6	21.2	31.8#
279	68.5	22.6	33.8#

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#26
Benzo(g,h,i)perylene
Concen: 0.197 ng/u1
RT: 26.41 min Scan# 6402
Delta R.T. -0.01 min
Lab File: BN006556.D
Acq: 25 Jun 2019 05:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	44.9	24.2	36.4#
277	38.9	21.5	32.3#

