

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
 Data File : BN006204.D
 Acq On : 08 Jun 2019 23:41
 Operator : JU/SJ
 Sample : K3017-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51G3

Manual Integrations
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Quant Time: Jun 09 06:01:54 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4712	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17730	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9127	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18943m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	15653m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	14772m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4707	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10436m	0.21	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	4184	0.082	ng/ul#	94
9) Fluorene	15.35	166	832	0.020	ng/ul#	91
12) Phenanthrene	17.09	178	11456	0.188	ng/ul	97
13) Anthracene	17.18	178	3240m	0.056	ng/ul	
15) Fluoranthene	19.12	202	30317m	0.452	ng/ul	
17) Pyrene	19.49	202	29764	0.361	ng/ul	99
18) Benzo(a)anthracene	21.24	228	12051	0.174	ng/ul#	87
19) Chrysene	21.30	228	19267	0.296	ng/ul#	90
21) Benzo(b)fluoranthene	22.82	252	23687m	0.385	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	9519m	0.159	ng/ul	
23) Benzo(a)pyrene	23.39	252	11938	0.208	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.72	276	9957	0.160	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.72	278	2389	0.048	ng/ul#	31
26) Benzo(g,h,i)perylene	26.40	276	8611	0.166	ng/ul#	87

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

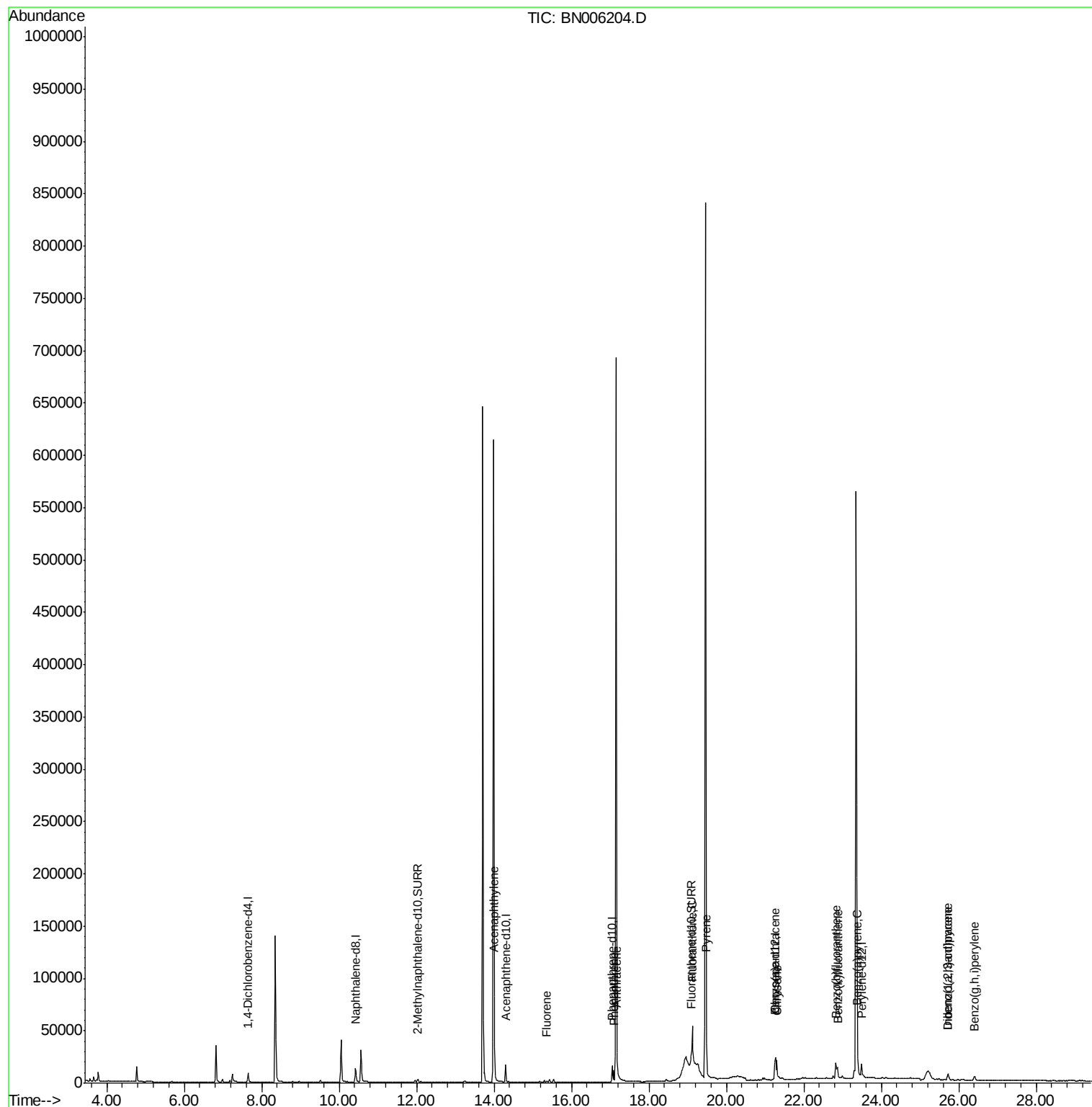
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

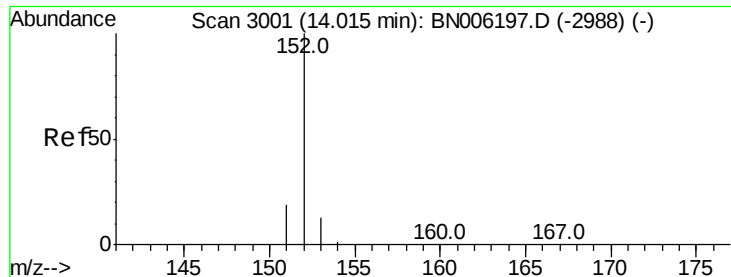
Instrument :
BNA_N
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A51G3

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Quant Time: Jun 09 06:01:54 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

Instrument :

BNA_N

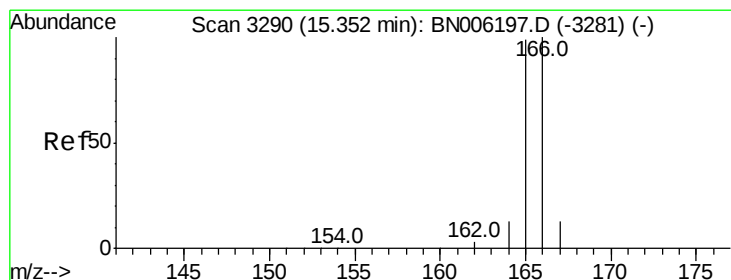
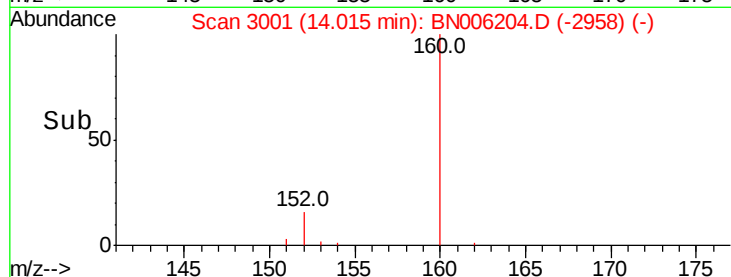
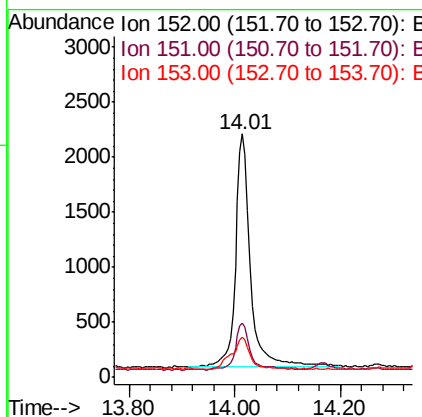
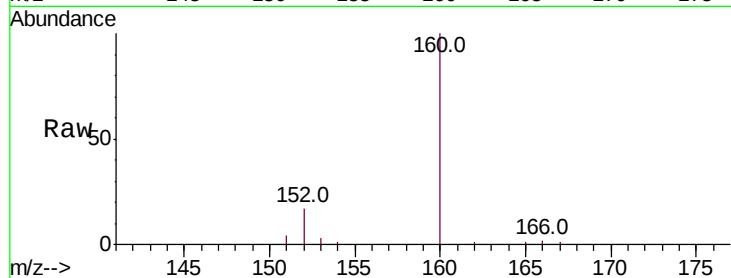
ClientSampleId :

A51G3

Tot Ion:	152	Resp:	4184
Ion Ratio	Lower	Upper	
152	100		
151	22.2	15.8	23.8
153	16.3	10.8	16.2

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#9

Fluorene

Concen: 0.020 ng/ul

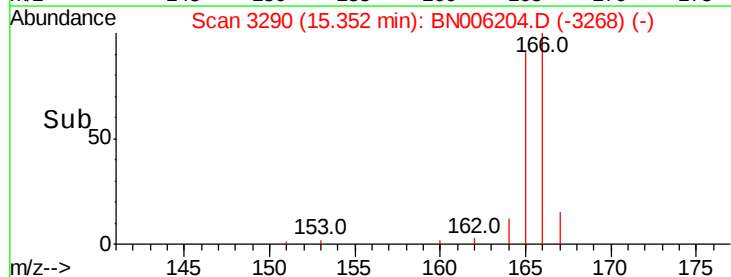
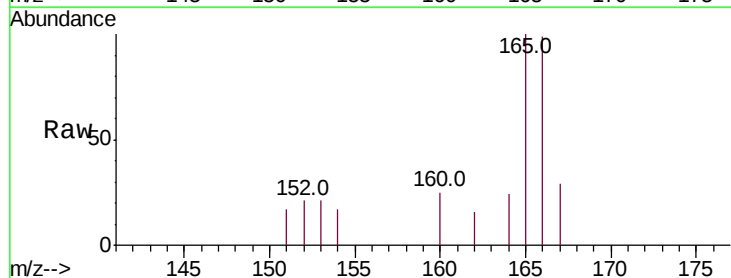
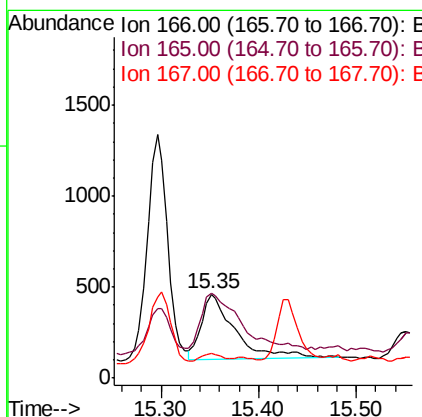
RT: 15.35 min Scan# 3290

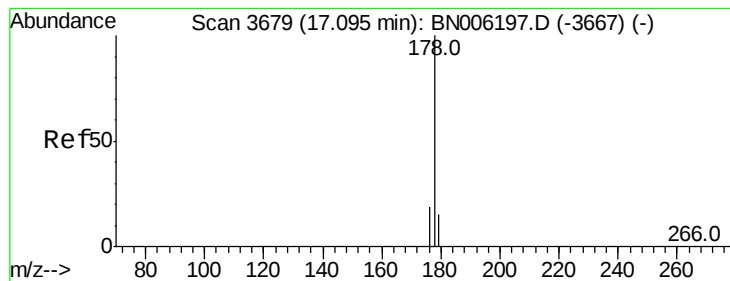
Delta R.T. -0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

Tgt Ion:	166	Resp:	832
Ion Ratio	Lower	Upper	
166	100		
165	100.6	76.4	114.6
167	29.2	11.0	16.6





#12

Phenanthrene

Concen: 0.188 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

Instrument :

BNA_N

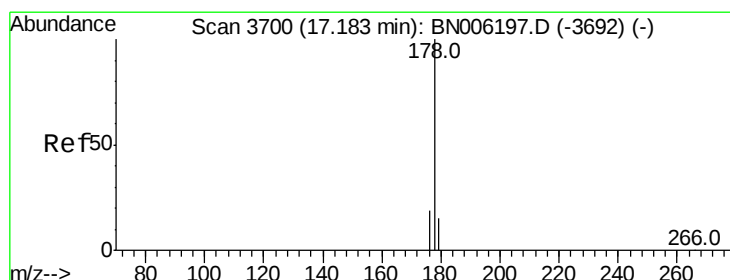
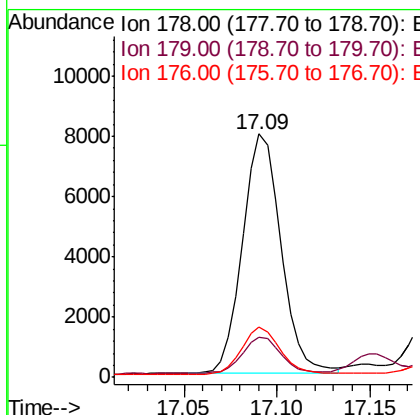
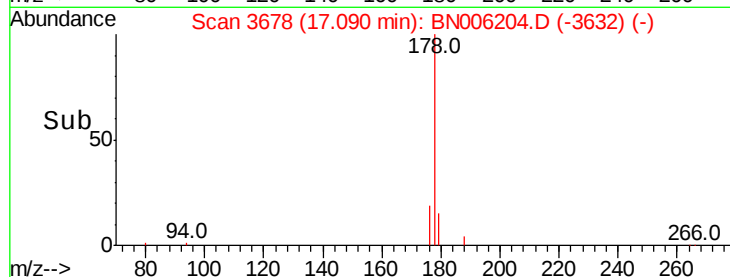
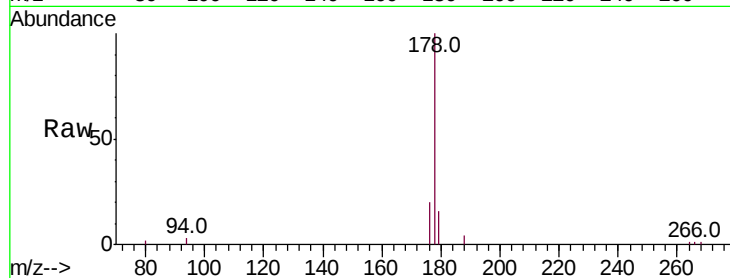
ClientSampleId :

A51G3

Tot Ion:178	Resp:	11456
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.3 18.5
176	20.4	15.3 22.9

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#13

Anthracene

Concen: 0.056 ng/ul m

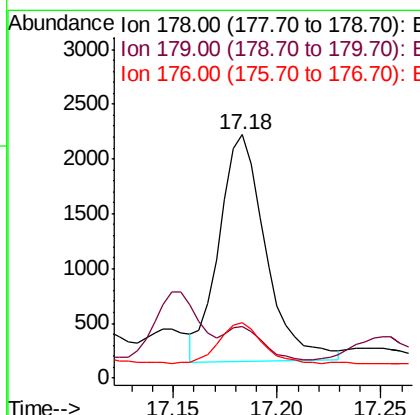
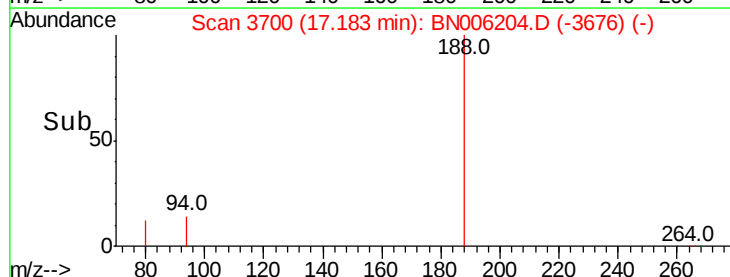
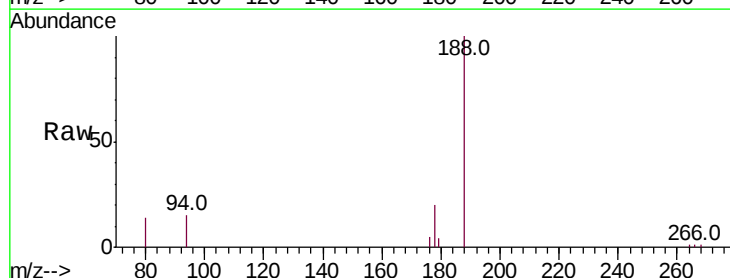
RT: 17.18 min Scan# 3700

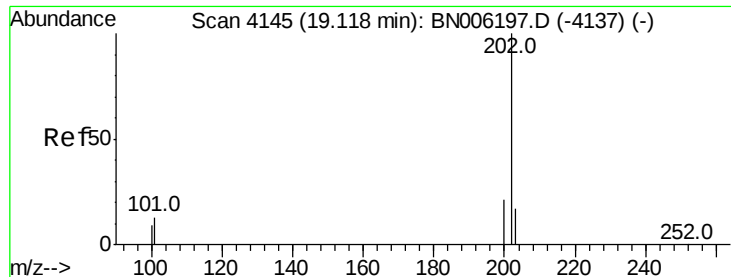
Delta R.T. 0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

Tgt Ion:178	Resp:	3240
Ion Ratio	Lower	Upper
178	100	
179	21.4	12.2 18.4#
176	22.7	15.1 22.7#





#15

Fluoranthene

Concen: 0.452 ng/ul m

RT: 19.12 min Scan# 4145

Delta R.T. 0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

Instrument :

BNA_N

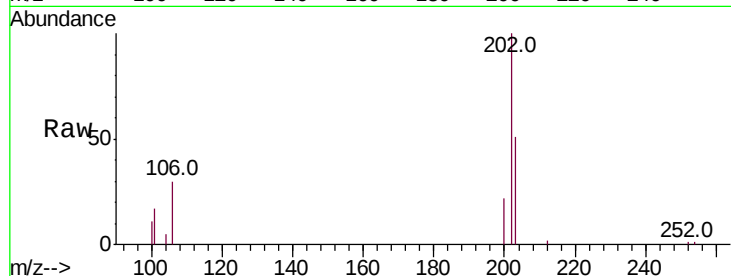
ClientSampleId :

A51G3

Tot Ion:	202	Resp:	30317
Ion Ratio	Lower	Upper	
202	100		
101	17.0	0.0	32.1
100	10.5	0.0	28.7

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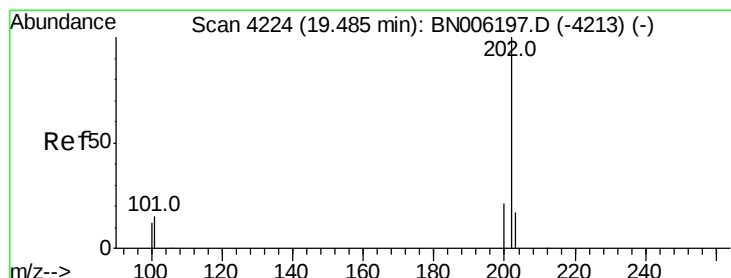
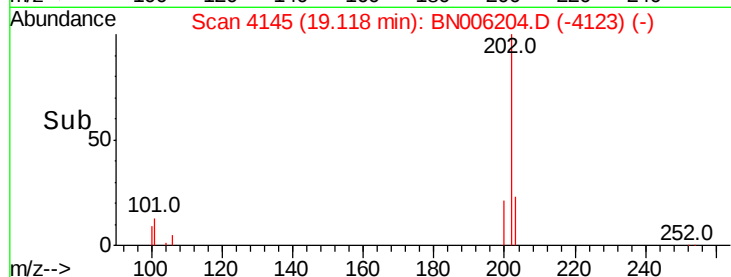
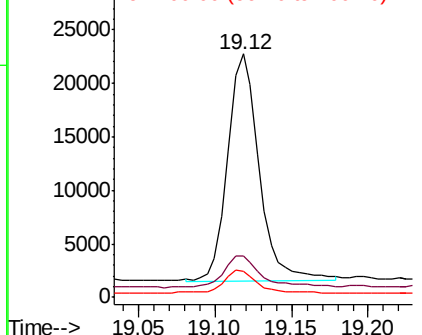


Abundance

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



#17

Pyrene

Concen: 0.361 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

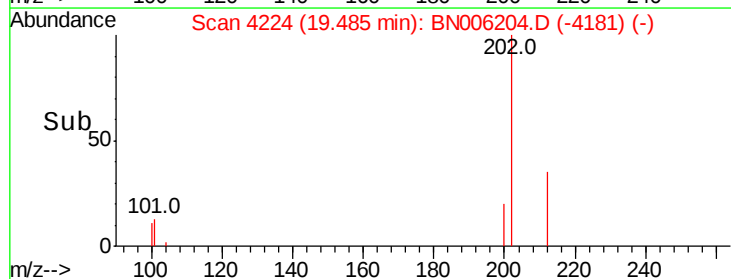
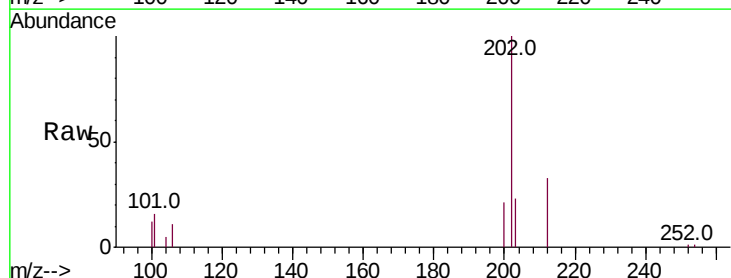
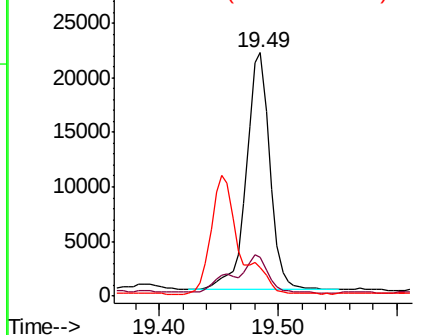
Tgt Ion:	202	Resp:	29764
Ion Ratio	Lower	Upper	
202	100		
101	15.7	12.2	18.2
100	12.0	9.8	14.6

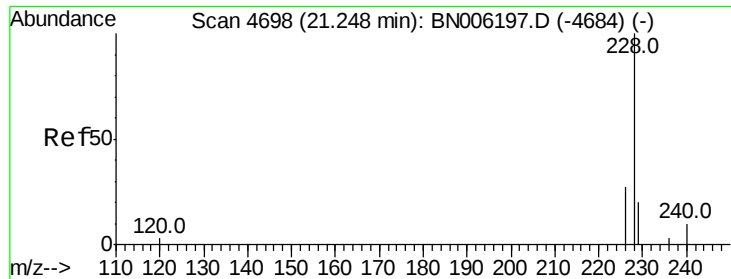
Abundance

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





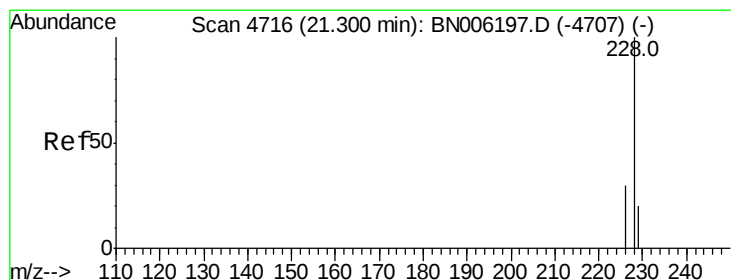
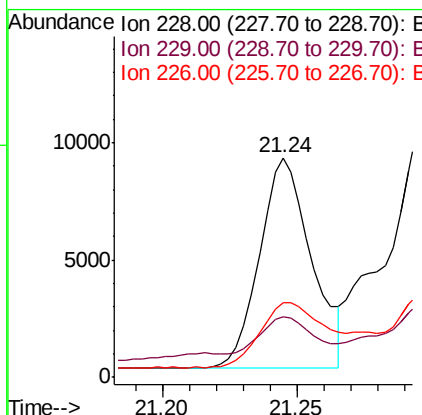
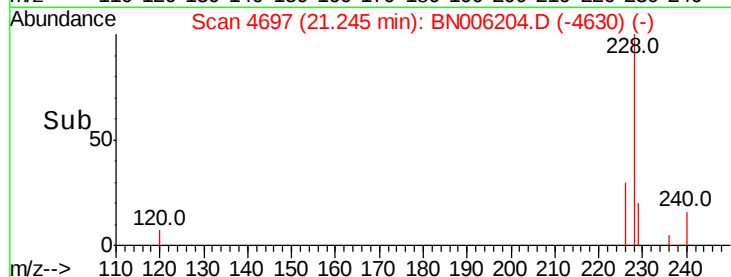
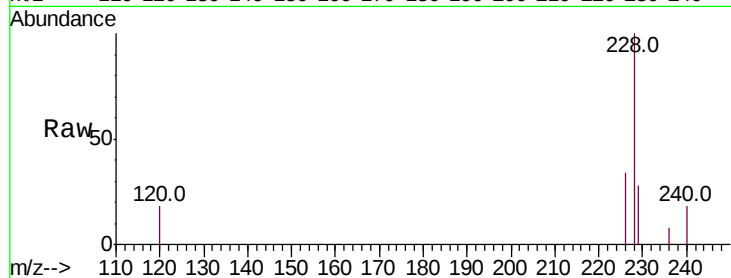
#18
Benzo(a)anthracene
Concen: 0.174 ng/ul
RT: 21.24 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BN006204.D
Acq: 08 Jun 2019 23:41

Instrument :
BNA_N
ClientSampled :
A51G3

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.9	16.5	24.7#
226	34.2	22.8	34.2

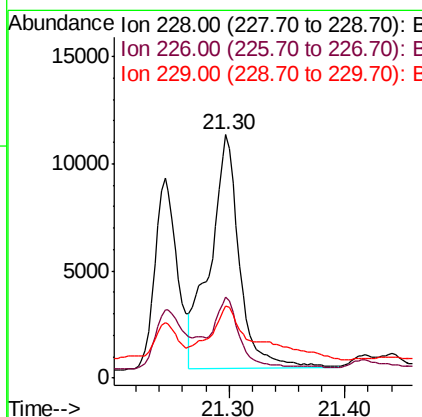
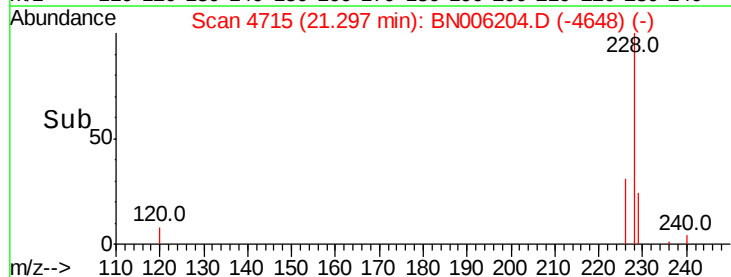
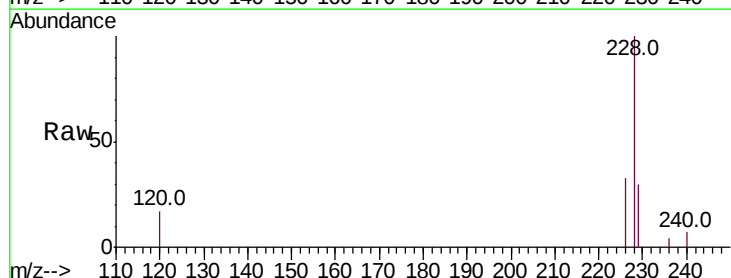
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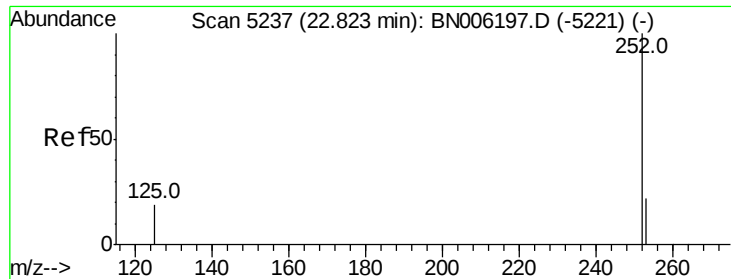
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#19
Chrysene
Concen: 0.296 ng/ul
RT: 21.30 min Scan# 4715
Delta R.T. -0.00 min
Lab File: BN006204.D
Acq: 08 Jun 2019 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.0	37.6
229	29.6	16.3	24.5#





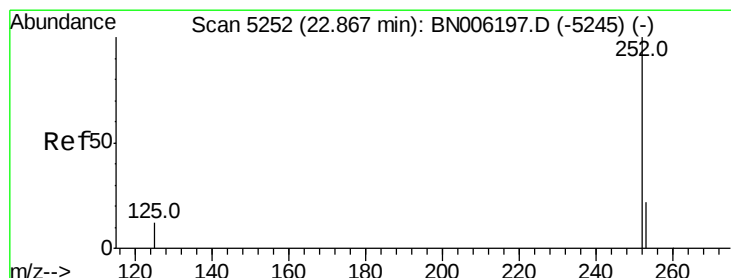
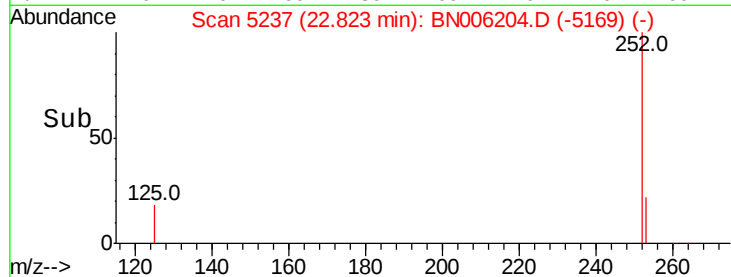
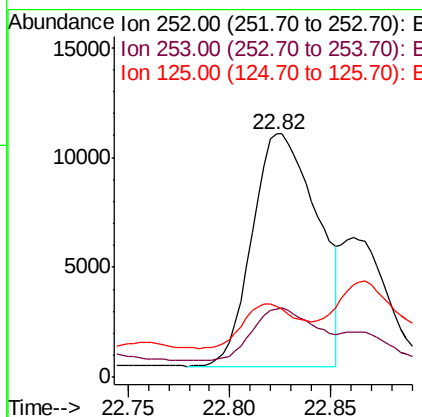
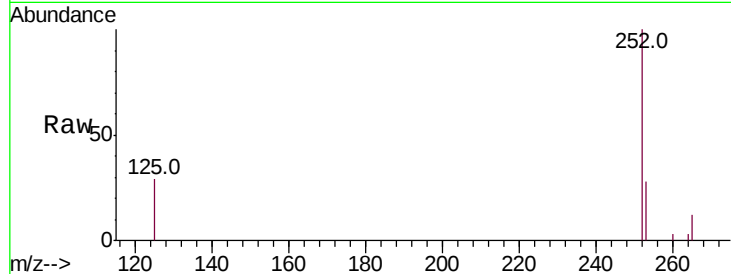
#21
Benzo(b)fluoranthene
Concen: 0.385 ng/ul m
RT: 22.82 min Scan# 5237
Delta R.T. 0.00 min
Lab File: BN006204.D
Acq: 08 Jun 2019 23:41

Instrument :
BNA_N
ClientSampled :
A51G3

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	51.4
125	29.2	0.0	41.0

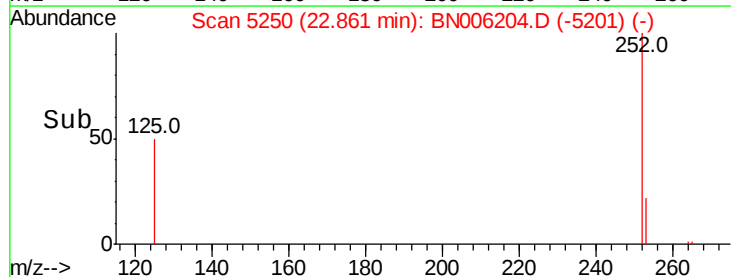
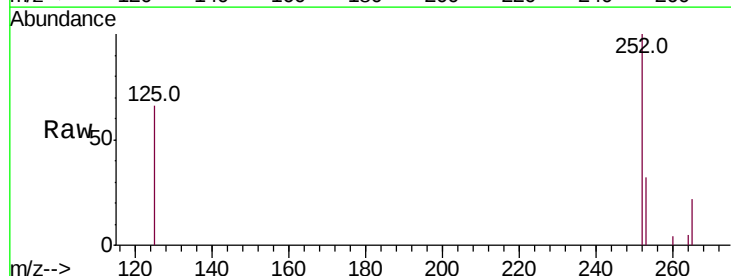
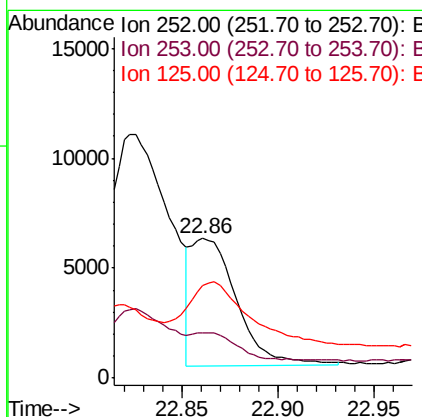
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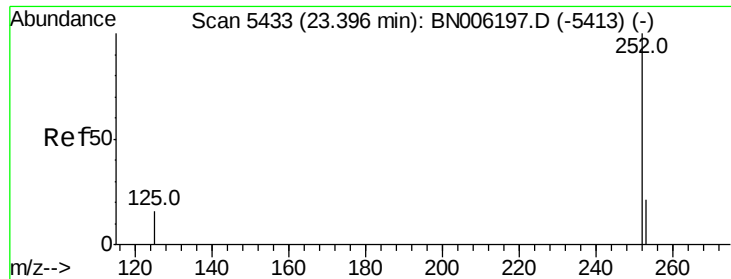
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#22
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. -0.01 min
Lab File: BN006204.D
Acq: 08 Jun 2019 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.4	20.3	30.5#
125	66.4	14.3	21.5#





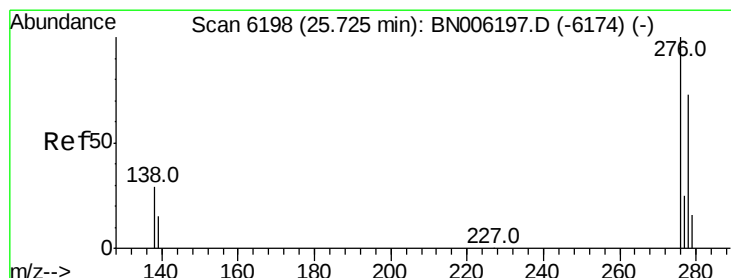
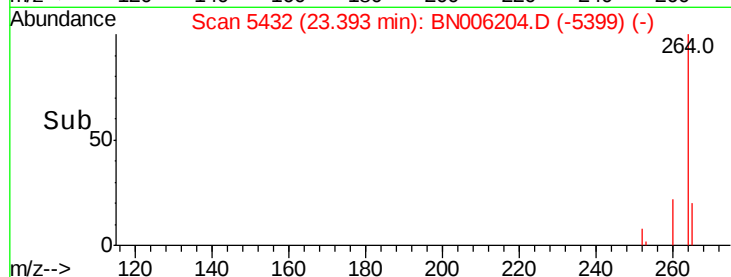
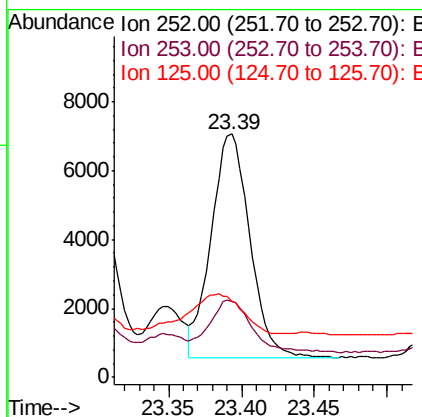
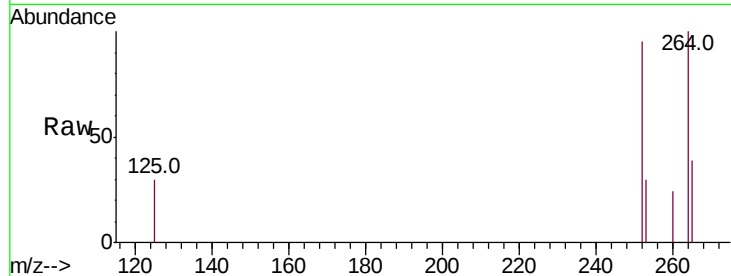
#23
Benzo(a)pyrene
Concen: 0.208 ng/u1
RT: 23.39 min Scan# 5432
Delta R.T. -0.00 min
Lab File: BN006204.D
Acq: 08 Jun 2019 23:41

Instrument :
BNA_N
ClientSampleId :
A51G3

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.0	21.1	31.7
125	31.3	20.3	30.5

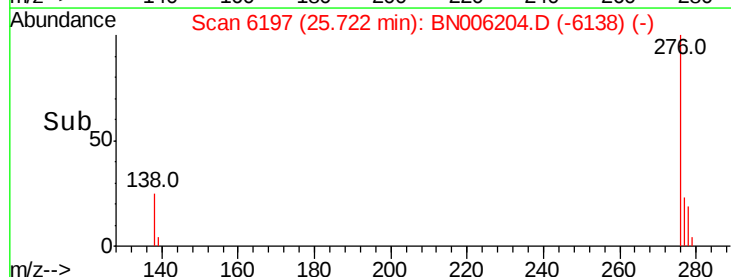
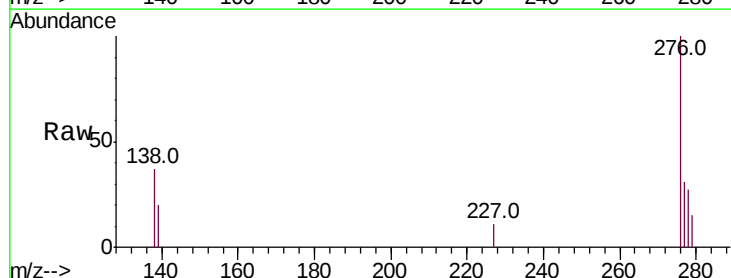
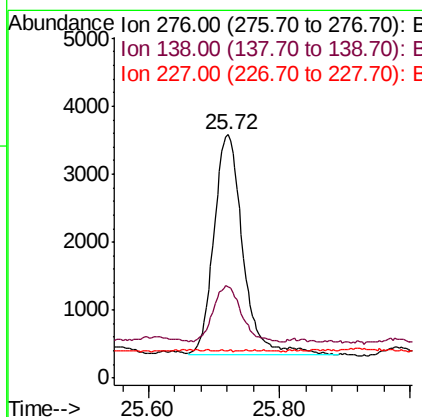
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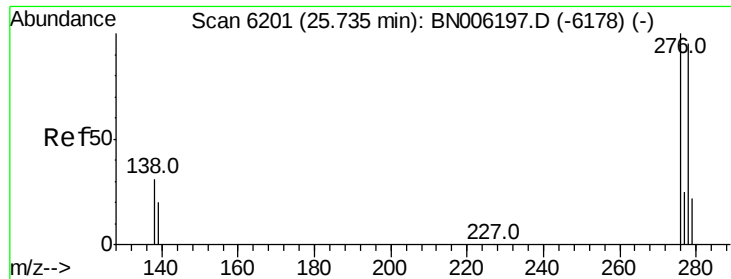
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/u1
RT: 25.72 min Scan# 6197
Delta R.T. -0.00 min
Lab File: BN006204.D
Acq: 08 Jun 2019 23:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.6	38.4
227	0.2	0.3	0.5





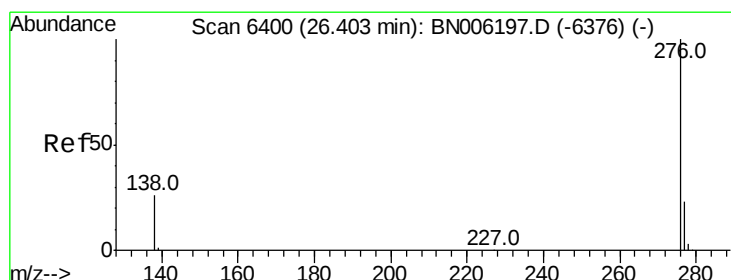
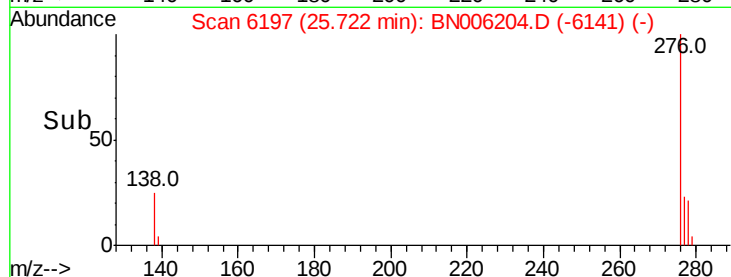
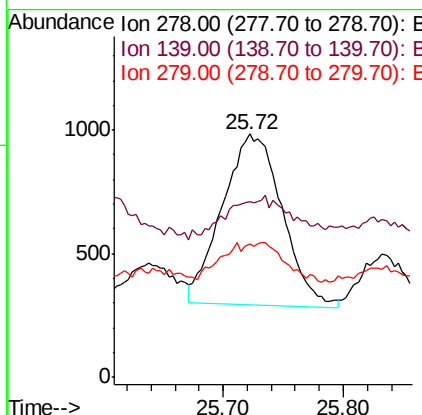
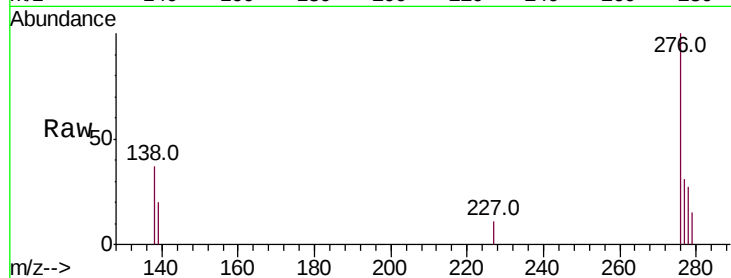
#25
Dibenzo(a,h)anthracene
Concen: 0.048 ng/u1
RT: 25.72 min Scan# 6197
Delta R.T. -0.01 min
Lab File: BN006204.D
Acq: 08 Jun 2019 23:41

Instrument :
BNA_N
ClientSampleId :
A51G3

Tot Ion	Ratio	Lower	Upper
278	100		
139	72.0	21.2	31.8#
279	54.7	22.6	33.8#

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#26
Benzo(g,h,i)perylene
Concen: 0.166 ng/u1
RT: 26.40 min Scan# 6400
Delta R.T. 0.00 min
Lab File: BN006204.D
Acq: 08 Jun 2019 23:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.6	24.2	36.4#
277	31.8	21.5	32.3

