

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006361.D
 Acq On : 17 Jun 2019 22:44
 Operator : JU/SJ
 Sample : K3335-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4237

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:47 AM

Quant Time: Jun 18 04:19:56 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17311	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9246	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16876m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10472m	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	15899	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4703	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	8661m	0.19	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	2698	0.052	ng/ul#	92
9) Fluorene	15.35	166	1432	0.034	ng/ul#	96
12) Phenanthrene	17.09	178	23472m	0.433	ng/ul	
13) Anthracene	17.18	178	4792m	0.093	ng/ul	
15) Fluoranthene	19.11	202	40363m	0.675	ng/ul	
17) Pyrene	19.48	202	38531	0.699	ng/ul	98
18) Benzo(a)anthracene	21.24	228	18092m	0.391	ng/ul	
19) Chrysene	21.29	228	15050	0.346	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	20484m	0.309	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	8108m	0.126	ng/ul	
23) Benzo(a)pyrene	23.38	252	13907	0.225	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.72	276	8838	0.132	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.73	278	2547	0.048	ng/ul#	76
26) Benzo(g,h,i)perylene	26.40	276	7017	0.125	ng/ul	98

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

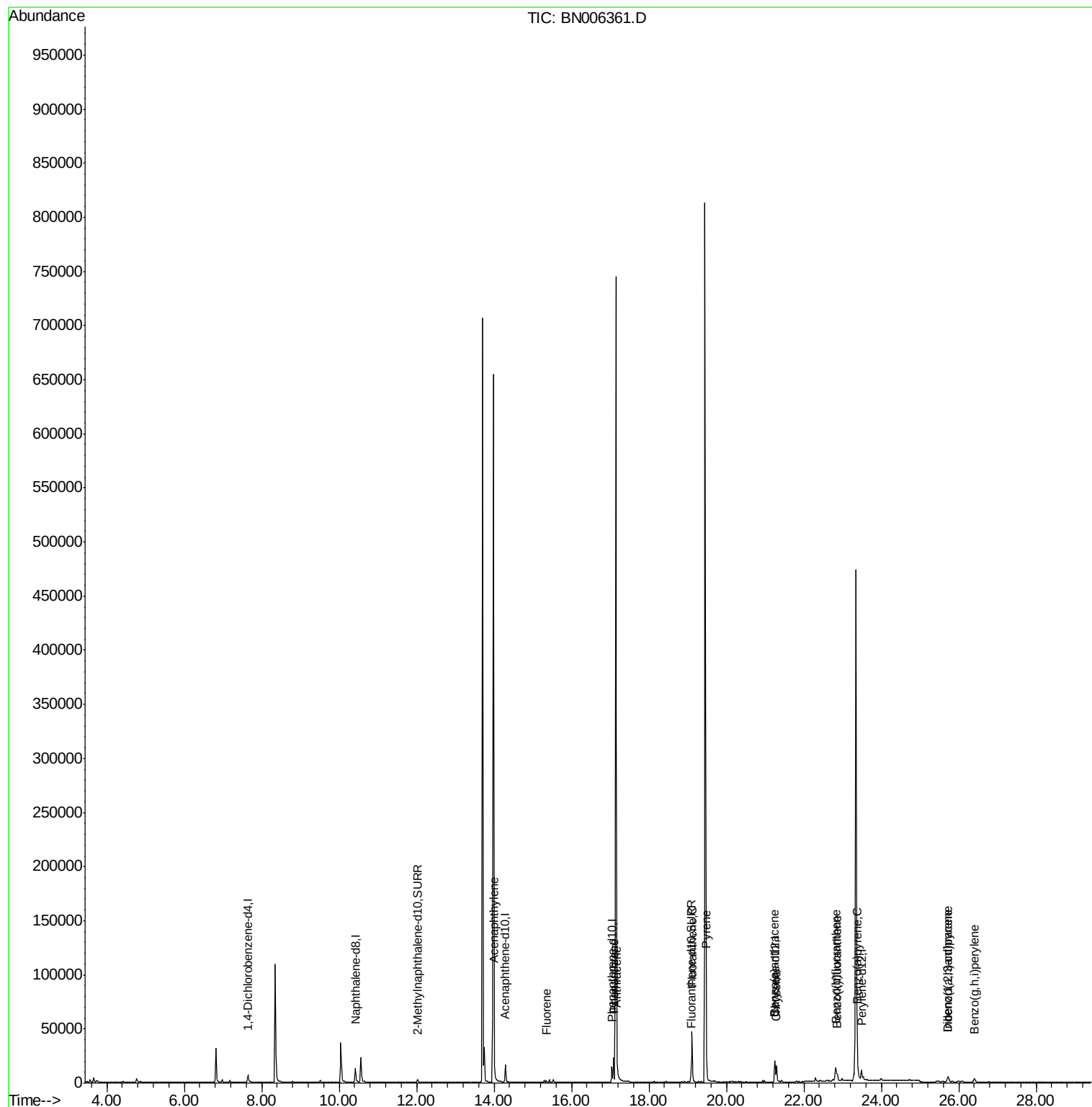
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
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ALS Vial : 21 Sample Multiplier: 1

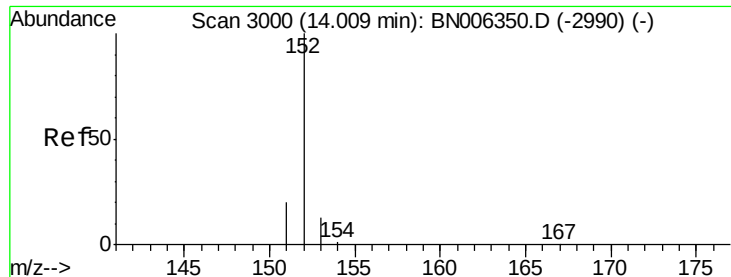
Instrument :
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QLast Update : Mon Jun 17 11:13:07 2019
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#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Instrument :

BNA_N

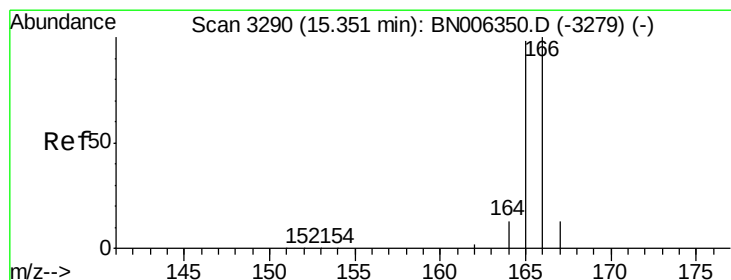
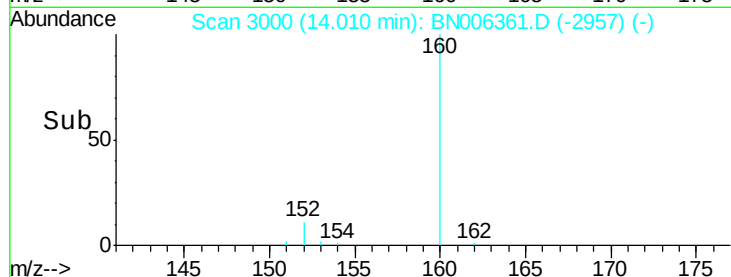
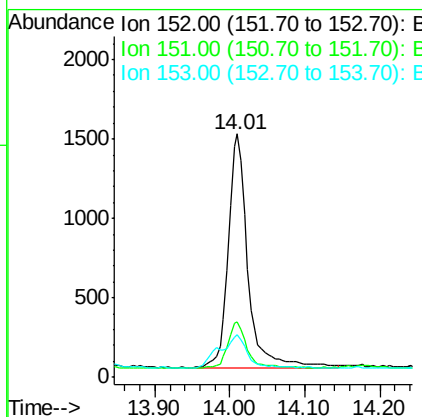
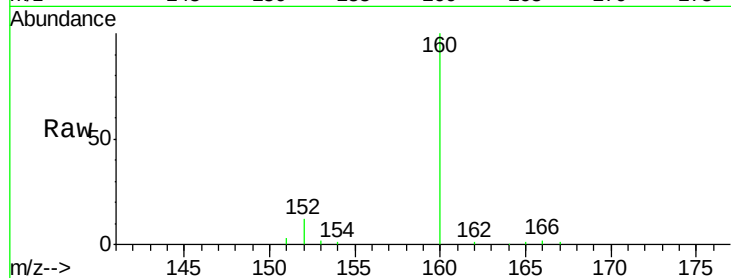
ClientSampleId :

A4237

Tot Ion:	152	Resp:	2698
Ion Ratio	Lower	Upper	
152	100		
151	22.8	15.8	23.8
153	17.6	10.8	16.2

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#9

Fluorene

Concen: 0.034 ng/ul

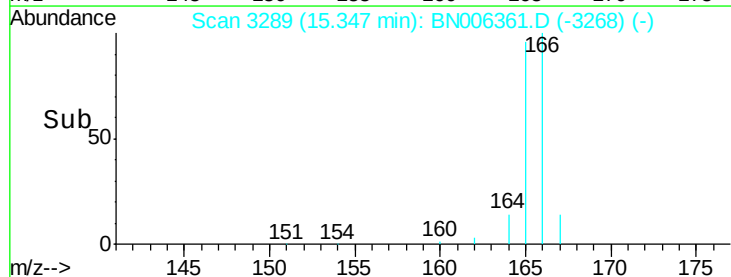
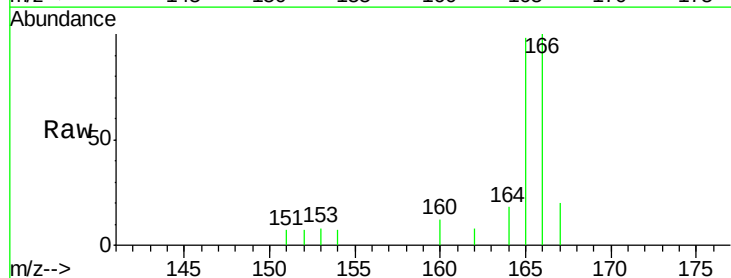
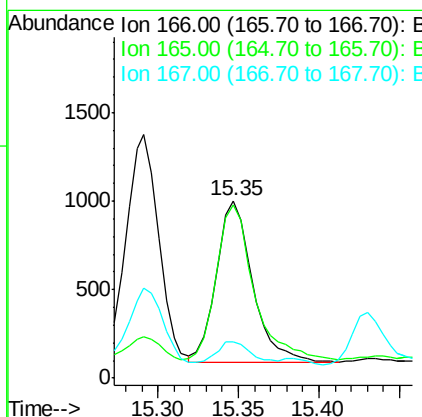
RT: 15.35 min Scan# 3289

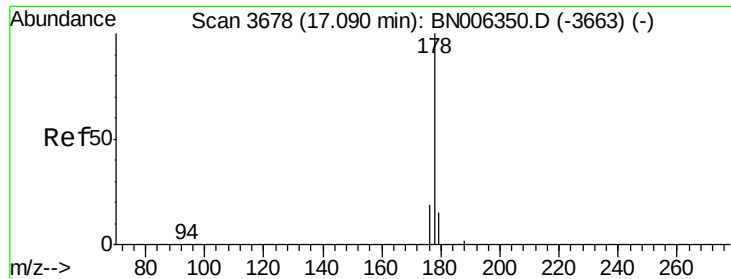
Delta R.T. -0.00 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Tgt Ion:	166	Resp:	1432
Ion Ratio	Lower	Upper	
166	100		
165	97.9	76.4	114.6
167	20.3	11.0	16.6





#12

Phenanthrene

Concen: 0.433 ng/ul m

RT: 17.09 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Instrument :

BNA_N

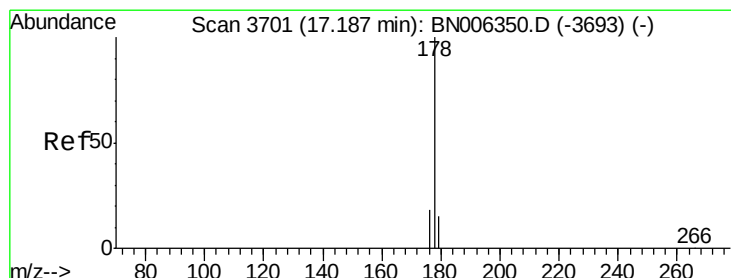
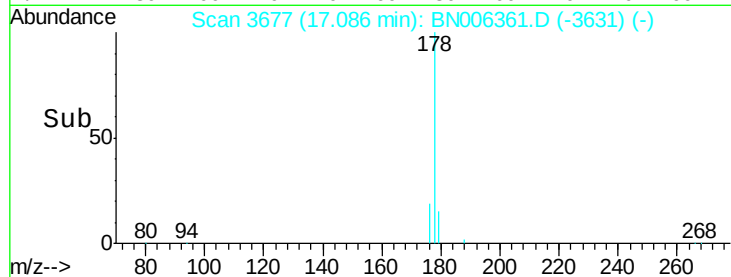
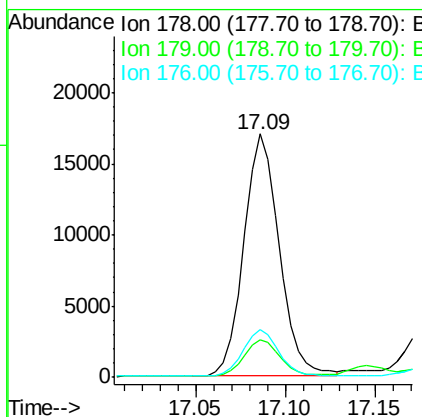
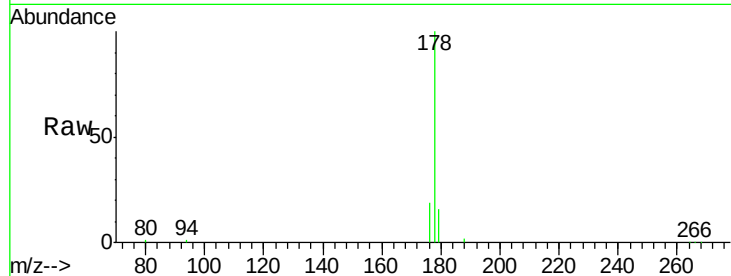
ClientSampleId :

A4237

Tot Ion:178	Resp:	23472
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.3 18.5
176	19.4	15.3 22.9

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#13

Anthracene

Concen: 0.093 ng/ul m

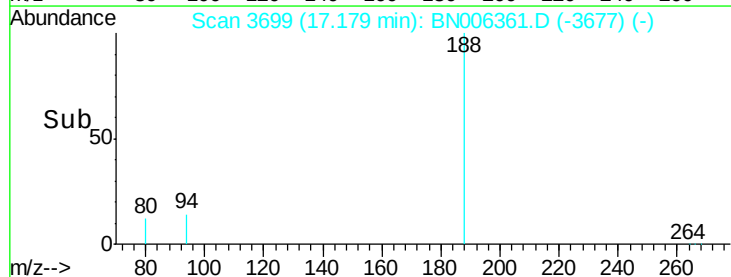
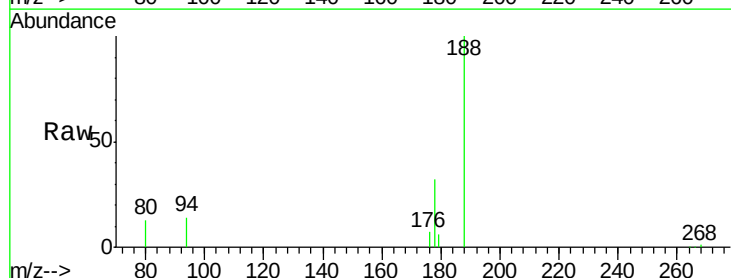
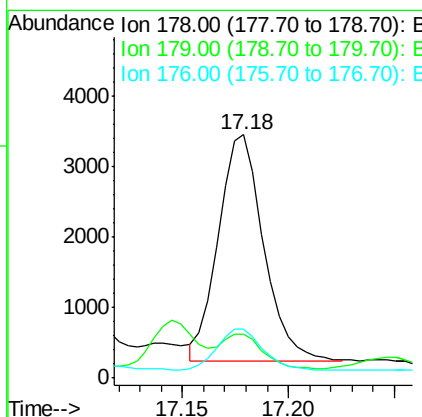
RT: 17.18 min Scan# 3699

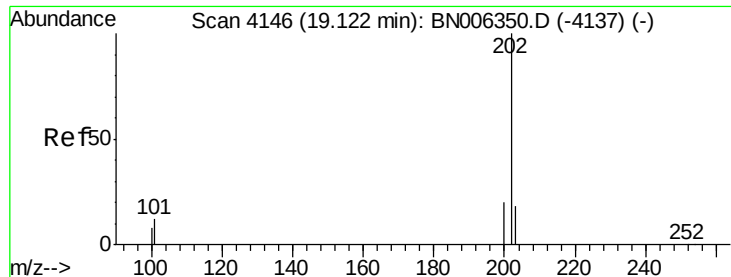
Delta R.T. -0.01 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Tgt Ion:178	Resp:	4792
Ion Ratio	Lower	Upper
178	100	
179	18.2	12.2 18.4
176	20.1	15.1 22.7





#15

Fluoranthene

Concen: 0.675 ng/ul m

RT: 19.11 min Scan# 4144

Delta R.T. -0.00 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Instrument :

BNA_N

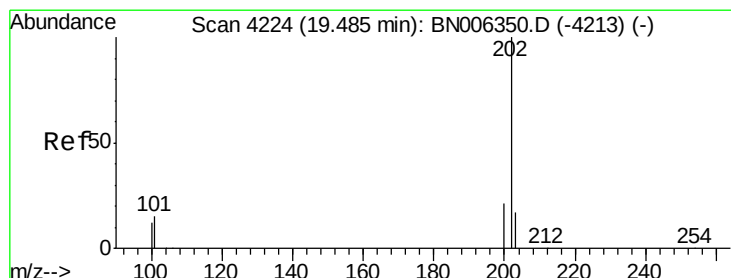
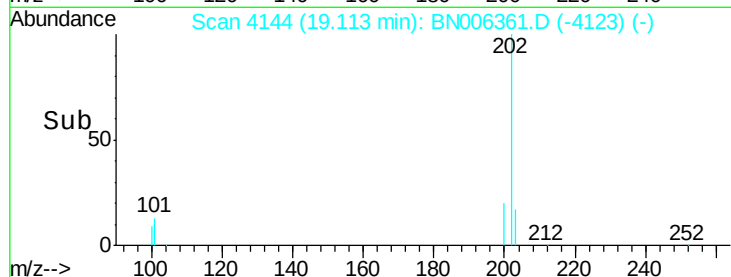
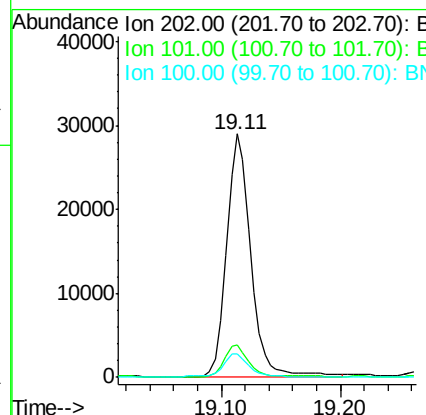
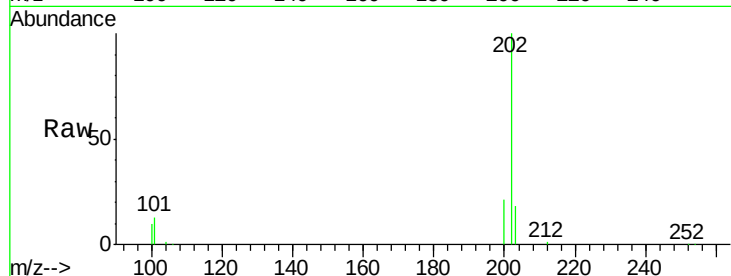
ClientSampleId :

A4237

Tot Ion:	202	Resp:	40363
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	32.1
100	9.7	0.0	28.7

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#17

Pyrene

Concen: 0.699 ng/ul

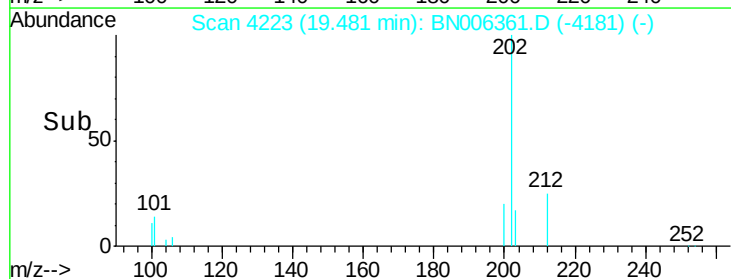
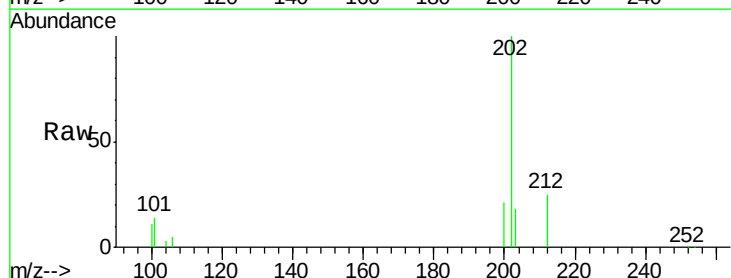
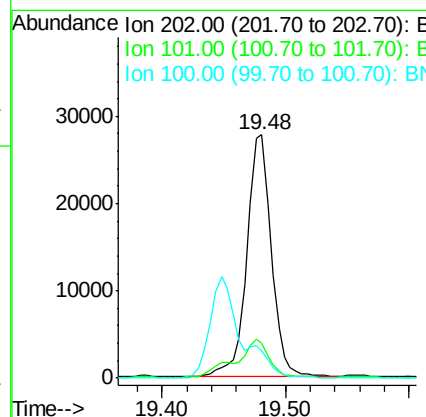
RT: 19.48 min Scan# 4223

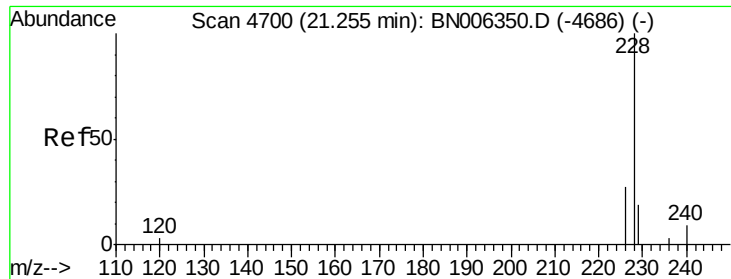
Delta R.T. -0.00 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Tgt Ion:	202	Resp:	38531
Ion Ratio	Lower	Upper	
202	100		
101	14.3	12.2	18.2
100	11.2	9.8	14.6





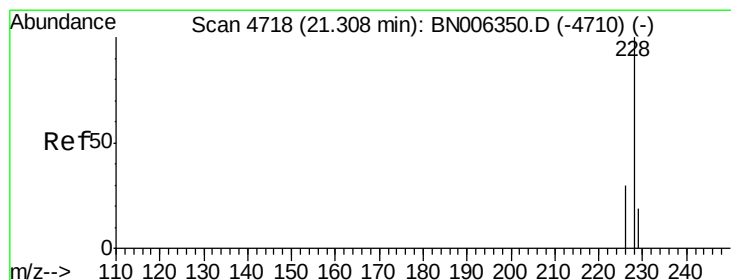
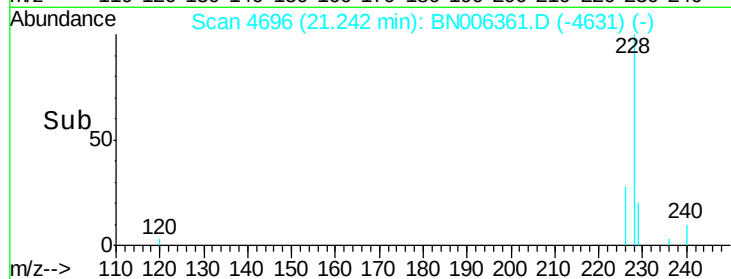
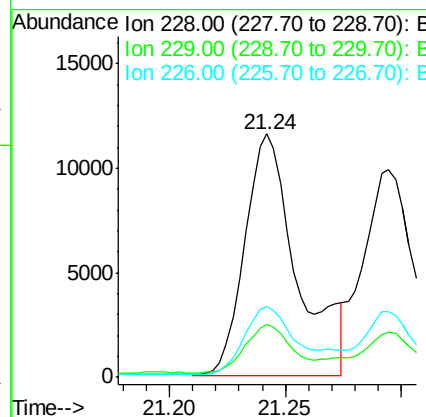
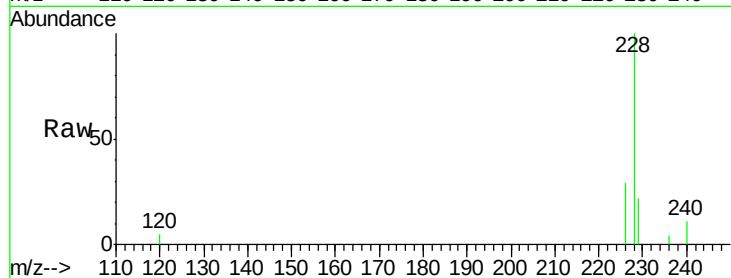
#18
Benzo(a)anthracene
Concen: 0.391 ng/ul m
RT: 21.24 min Scan# 4696
Delta R.T. -0.01 min
Lab File: BN006361.D
Acq: 17 Jun 2019 22:44

Instrument :
BNA_N
ClientSampleId :
A4237

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.5	24.7
226	28.9	22.8	34.2

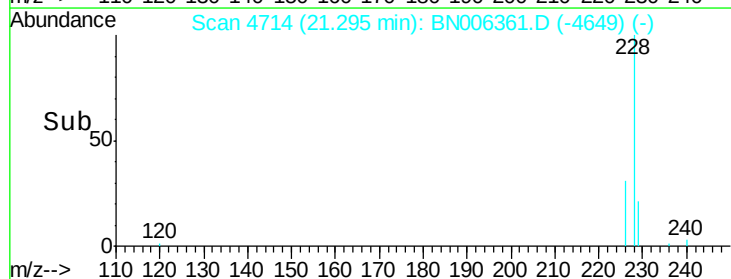
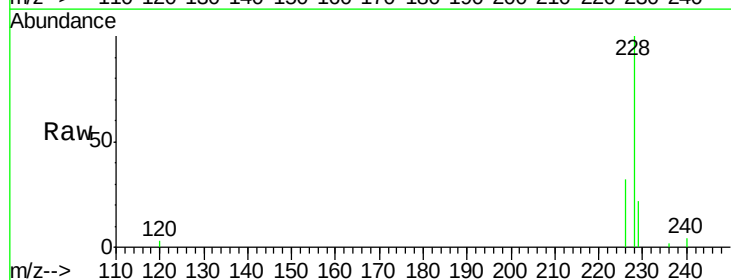
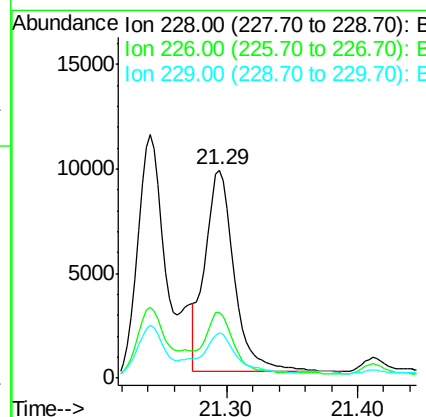
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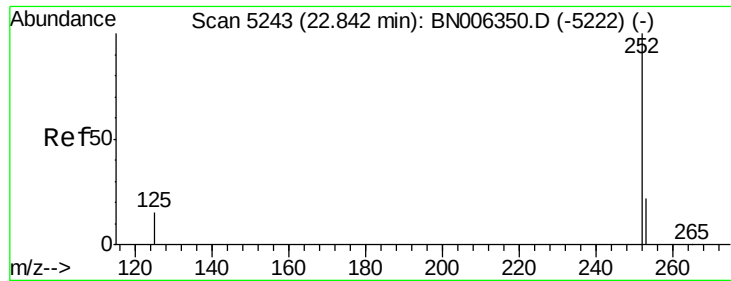
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#19
Chrysene
Concen: 0.346 ng/ul
RT: 21.29 min Scan# 4714
Delta R.T. -0.01 min
Lab File: BN006361.D
Acq: 17 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	22.0	16.3	24.5





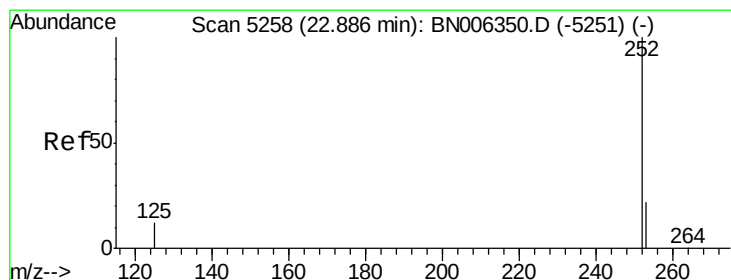
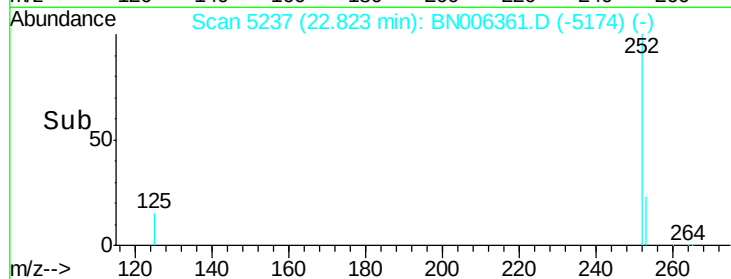
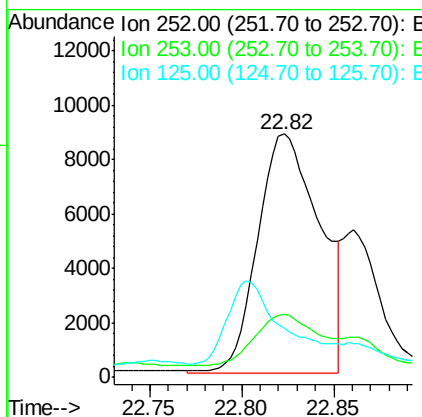
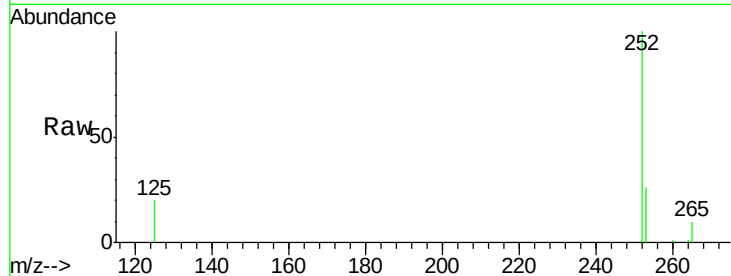
#21
Benzo(b)fluoranthene
Concen: 0.309 ng/ul m
RT: 22.82 min Scan# 5237
Delta R.T. -0.01 min
Lab File: BN006361.D
Acq: 17 Jun 2019 22:44

Instrument :
BNA_N
ClientSampleId :
A4237

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	51.4
125	19.9	0.0	41.0

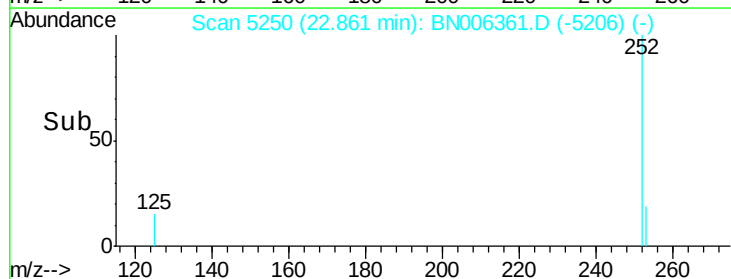
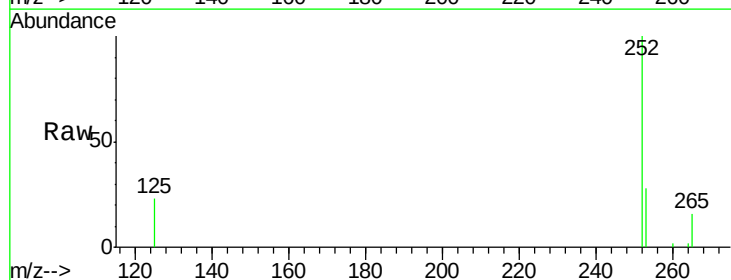
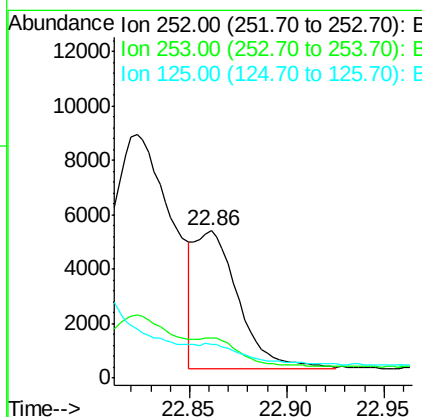
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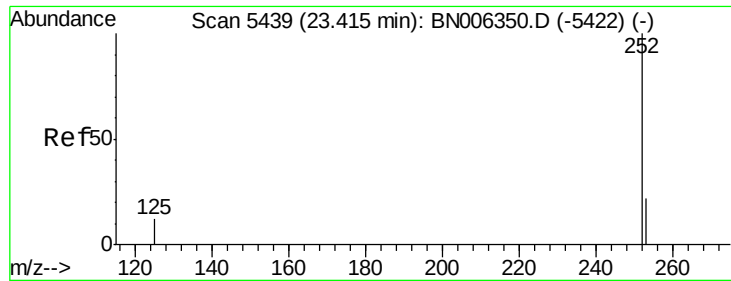
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#22
Benzo(k)fluoranthene
Concen: 0.126 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. -0.02 min
Lab File: BN006361.D
Acq: 17 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	20.3	30.5
125	22.9	14.3	21.5#





#23

Benzo(a)pyrene

Concen: 0.225 ng/ul

RT: 23.38 min Scan# 5429

Delta R.T. -0.03 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Instrument :

BNA_N

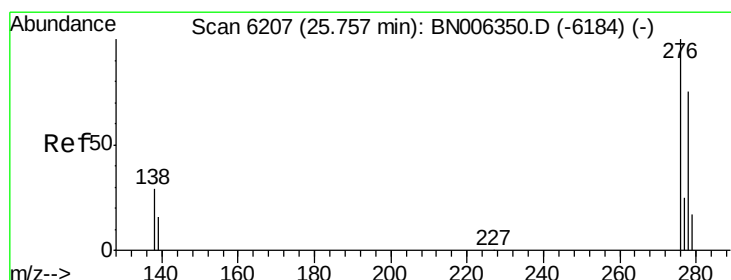
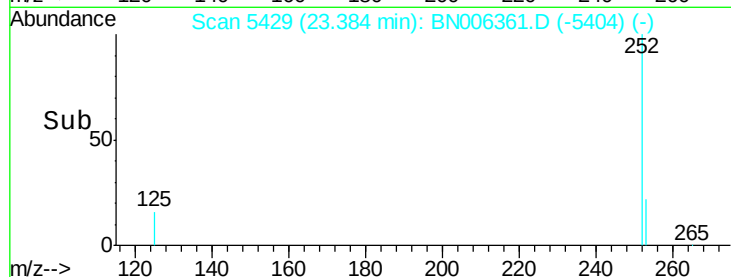
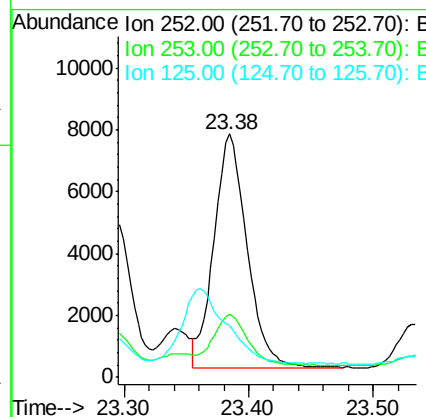
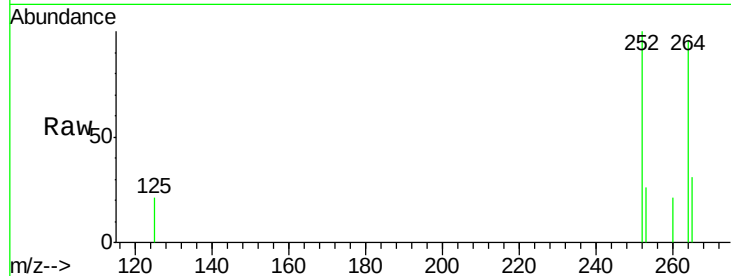
ClientSampleId :

A4237

Tot Ion:	252	Resp:	13907
Ion Ratio	Lower	Upper	
252	100		
253	26.2	21.1	31.7
125	21.0	20.3	30.5

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.132 ng/ul

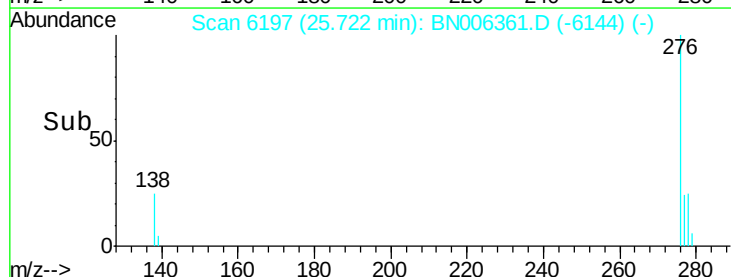
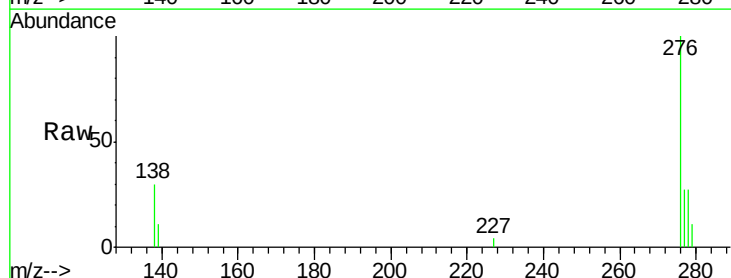
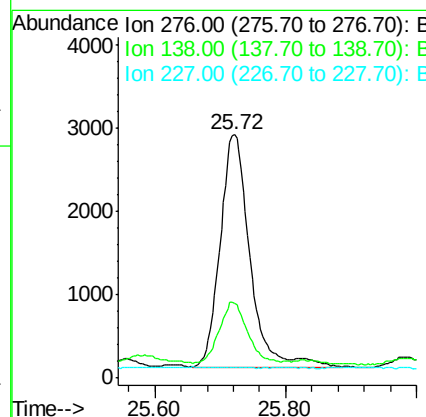
RT: 25.72 min Scan# 6197

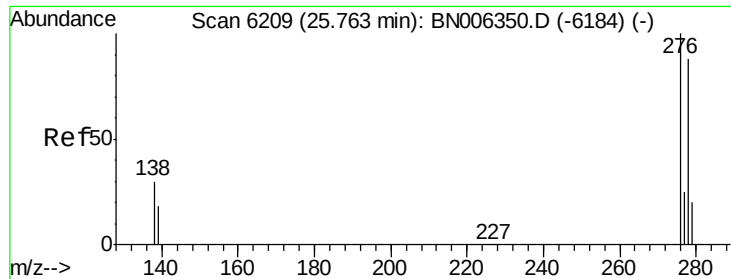
Delta R.T. -0.02 min

Lab File: BN006361.D

Acq: 17 Jun 2019 22:44

Tgt Ion:	276	Resp:	8838
Ion Ratio	Lower	Upper	
276	100		
138	24.2	25.6	38.4#
227	0.2	0.3	0.5#





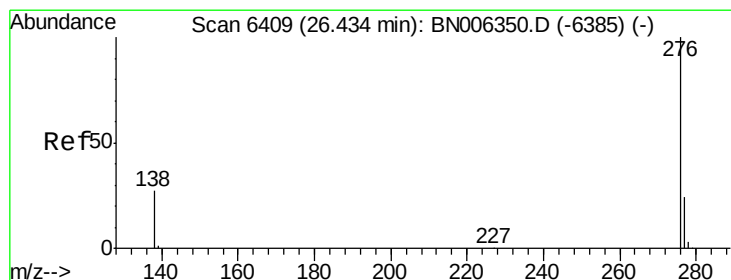
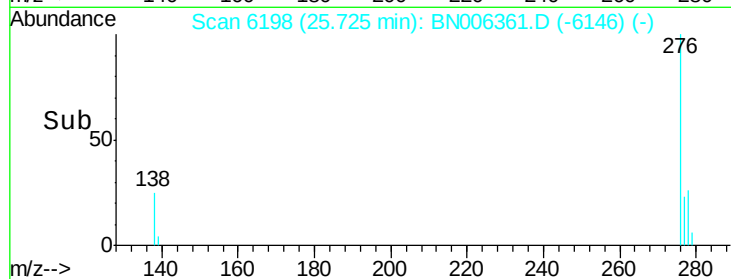
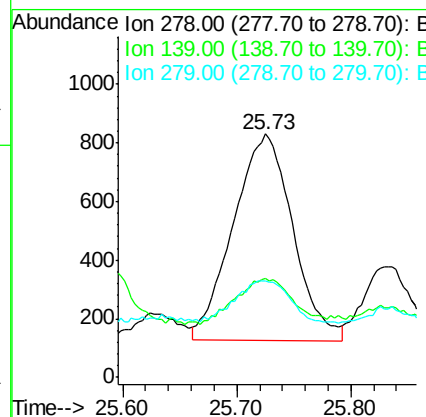
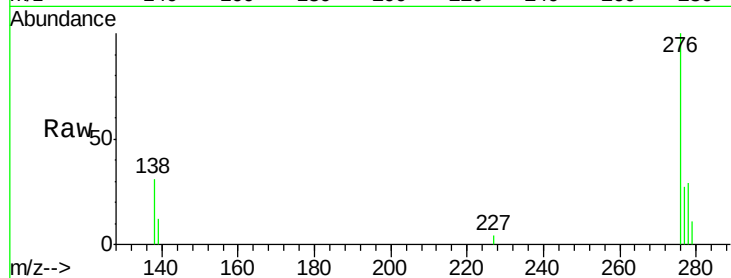
#25
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. -0.03 min
Lab File: BN006361.D
Acq: 17 Jun 2019 22:44

Instrument :
BNA_N
ClientSampled :
A4237

Tot Ion	Ratio	Lower	Upper
278	100		
139	40.4	21.2	31.8#
279	39.4	22.6	33.8#

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#26
Benzo(g,h,i)perylene
Concen: 0.125 ng/ul
RT: 26.40 min Scan# 6400
Delta R.T. -0.03 min
Lab File: BN006361.D
Acq: 17 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.9	24.2	36.4
277	27.7	21.5	32.3

