

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006509.D
 Acq On : 23 Jun 2019 04:27
 Operator : HP/JU
 Sample : K3360-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y6

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:45:11 AM

Quant Time: Jun 24 09:35:42 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	7.63	152	5193	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19911	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10635	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	20723m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	12144m	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	10791m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7929	0.26	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	15650m	0.28	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.46	128	6089	0.111	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	2918	0.076	ng/ul	100
7) Acenaphthylene	14.00	152	1467	0.025	ng/ul#	81
8) Acenaphthene	14.34	153	15174	0.370	ng/ul	99
9) Fluorene	15.34	166	13626	0.284	ng/ul	98
12) Phenanthrene	17.07	178	189335m	2.846	ng/ul	
13) Anthracene	17.17	178	30718m	0.484	ng/ul	
15) Fluoranthene	19.10	202	275222m	3.747	ng/ul	
17) Pyrene	19.47	202	213268	3.334	ng/ul	98
18) Benzo(a)anthracene	21.23	228	88888m	1.655	ng/ul	
19) Chrysene	21.28	228	93401	1.852	ng/ul	99
21) Benzo(b)fluoranthene	22.81	252	107247m	2.383	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	41858m	0.955	ng/ul	
23) Benzo(a)pyrene	23.38	252	66264m	1.581	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.70	276	46825m	1.032	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	11846m	0.327	ng/ul	
26) Benzo(g,h,i)perylene	26.39	276	37625m	0.990	ng/ul	

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

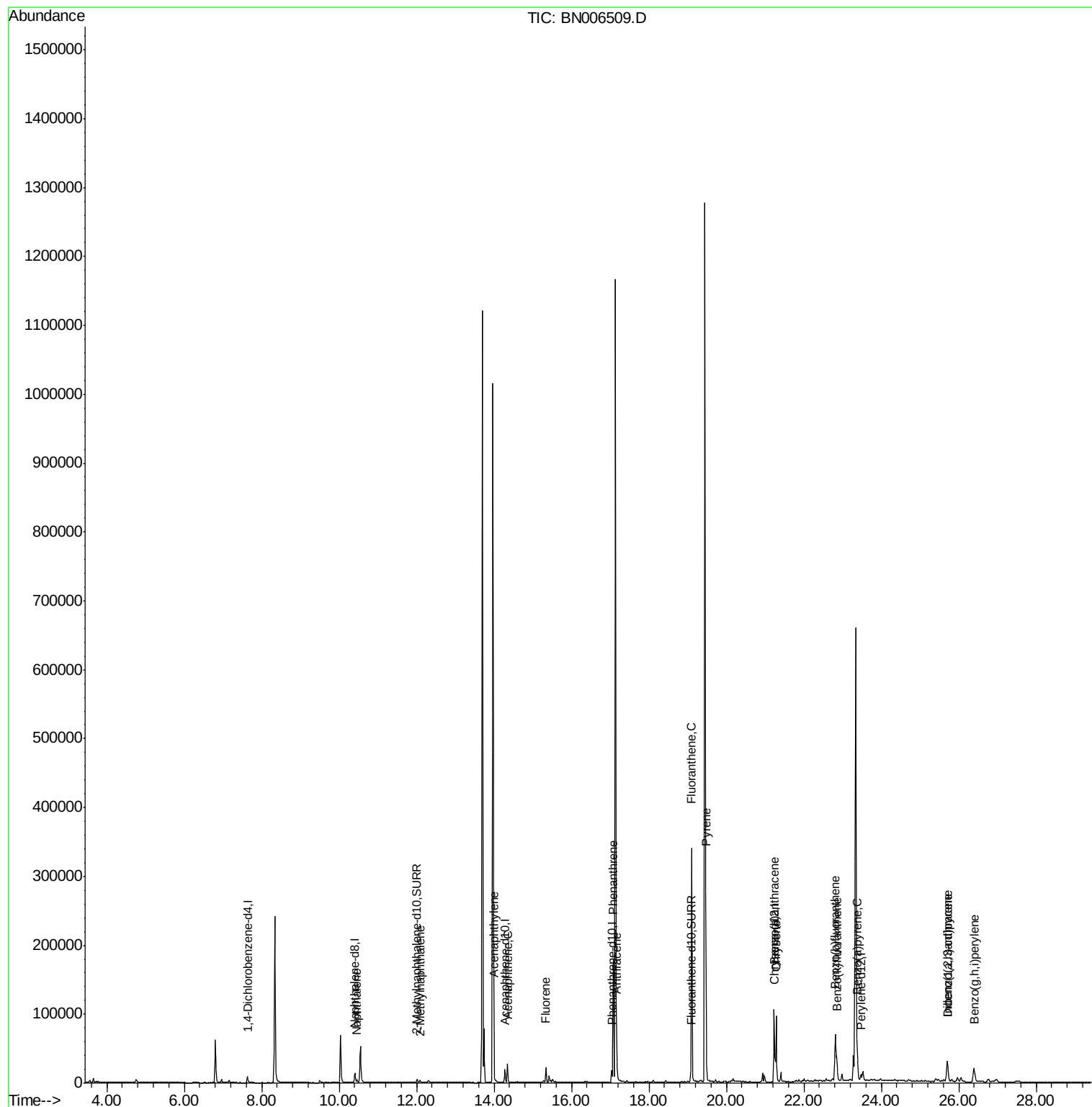
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006509.D
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Operator : HP/JU
Sample : K3360-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

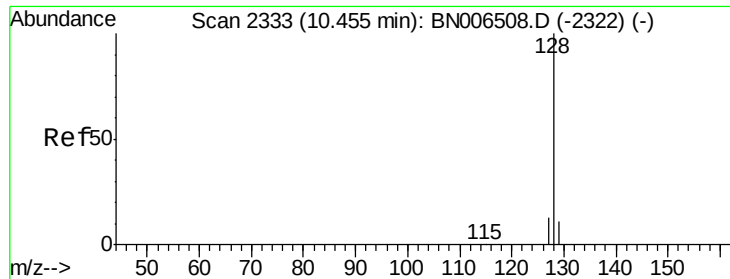
Instrument :
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#3

Naphthalene

Concen: 0.111 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.02 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

Instrument :

BNA_N

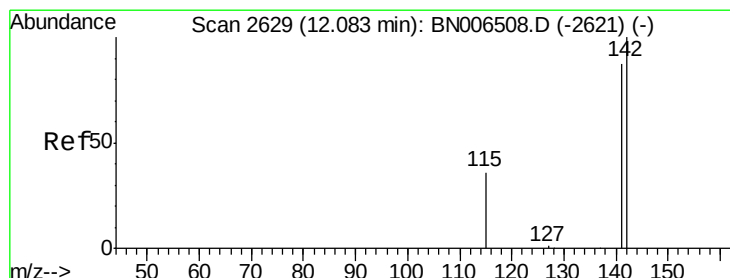
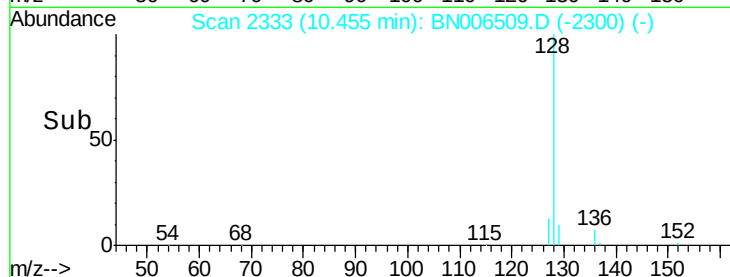
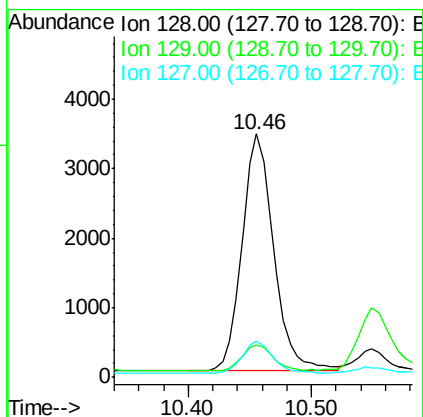
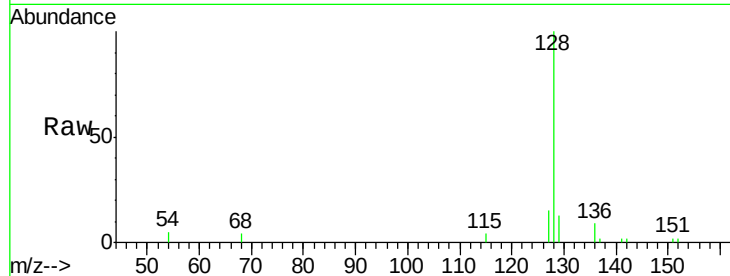
ClientSampleId :

A41Y6

Tgt Ion:	128	Resp:	6089
Ion Ratio	Lower	Upper	
128	100		
129	13.2	9.3	13.9
127	14.7	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.076 ng/ul

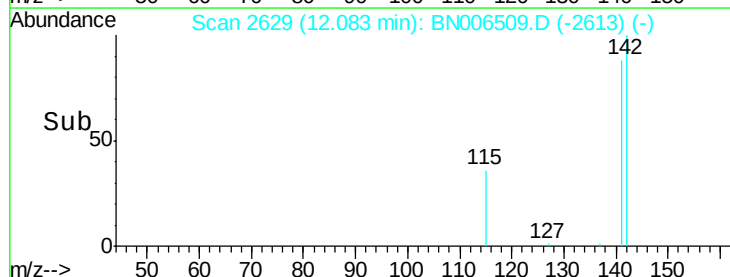
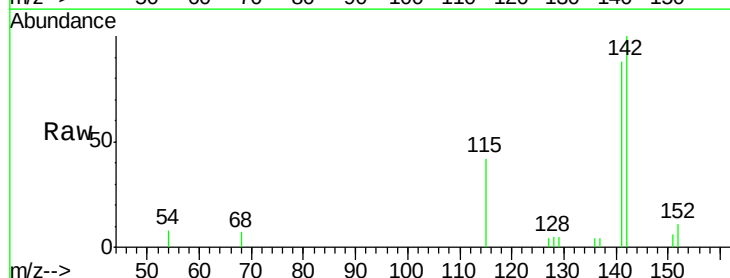
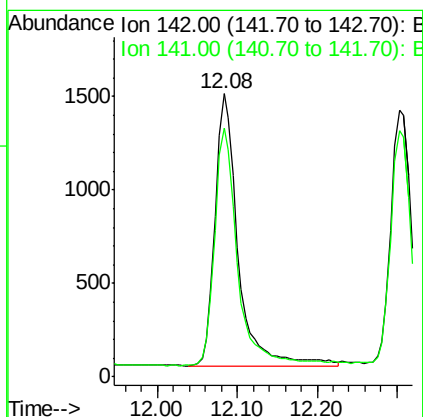
RT: 12.08 min Scan# 2629

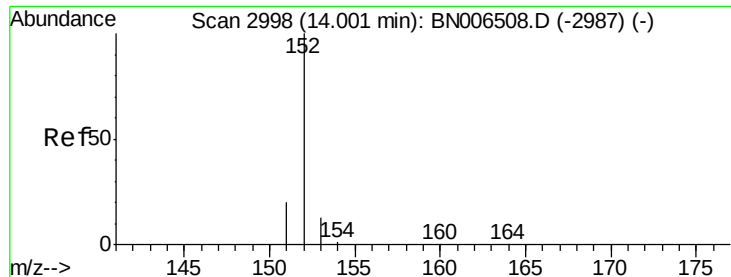
Delta R.T. -0.01 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

Tgt Ion:	142	Resp:	2918
Ion Ratio	Lower	Upper	
142	100		
141	88.1	70.3	105.5





#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

Instrument :

BNA_N

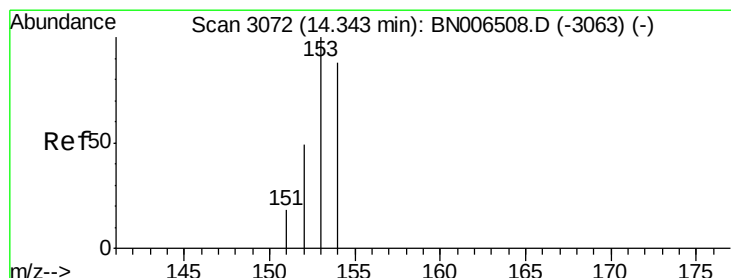
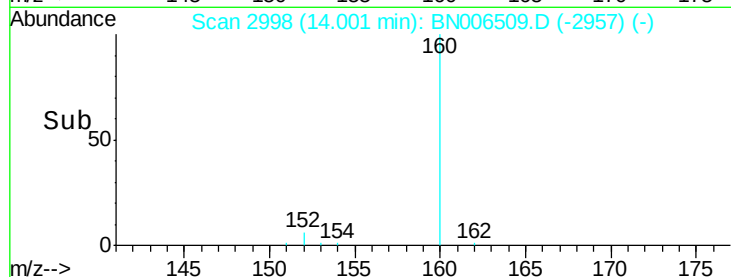
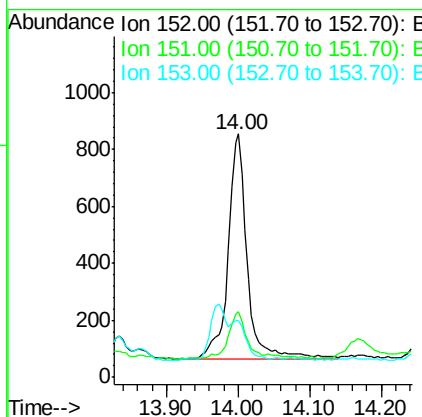
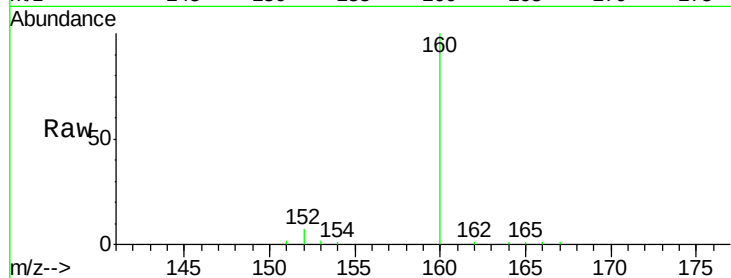
ClientSampleId :

A41Y6

Tgt Ion:	152	Resp:	1467
Ion Ratio	Lower	Upper	
152	100		
151	26.9	15.8	23.8#
153	23.0	10.8	16.2#

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#8

Acenaphthene

Concen: 0.370 ng/ul

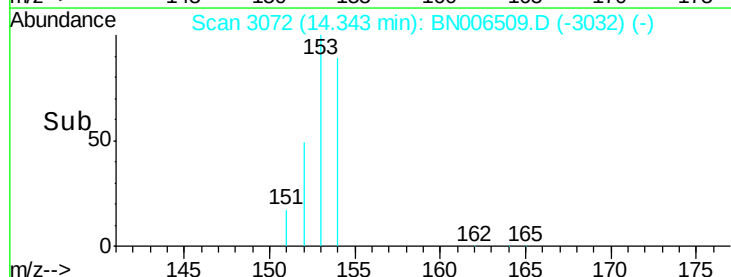
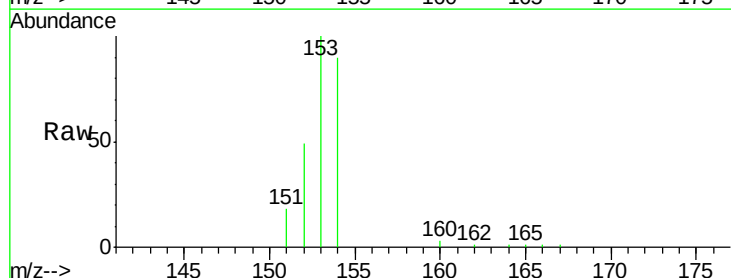
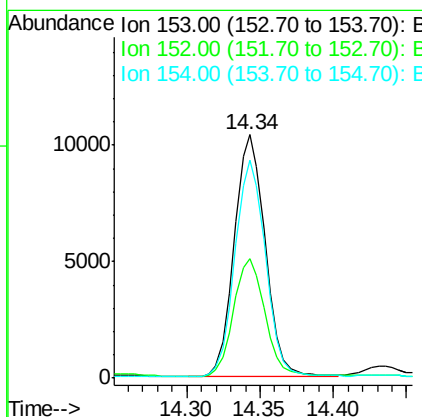
RT: 14.34 min Scan# 3072

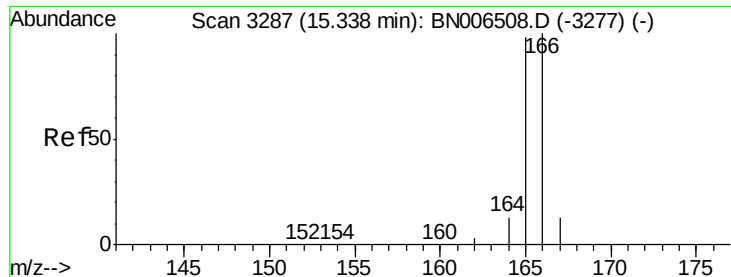
Delta R.T. -0.01 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

Tgt Ion:	153	Resp:	15174
Ion Ratio	Lower	Upper	
153	100		
152	49.1	39.1	58.7
154	89.5	71.1	106.7





#9

Fluorene

Concen: 0.284 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

Instrument :

BNA_N

ClientSampleId :

A41Y6

Tgt Ion:166 Resp: 13626

Ion Ratio Lower Upper

166 100

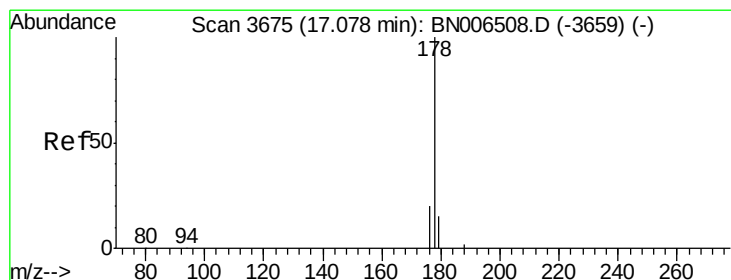
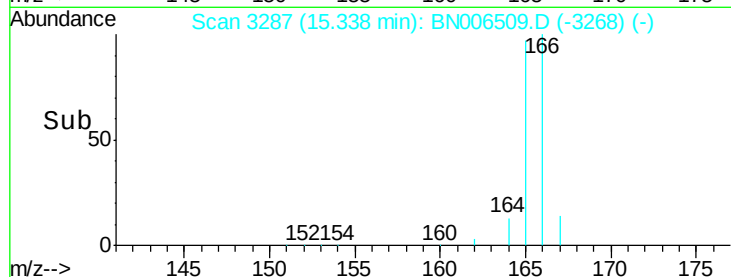
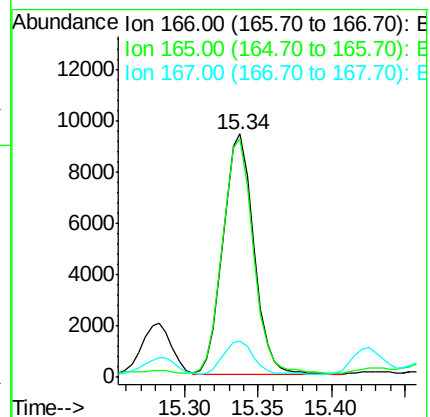
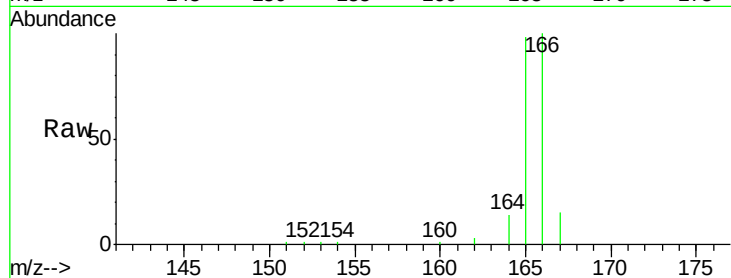
165 97.8 76.4 114.6

167 15.0 11.0 16.6

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#12

Phenanthrene

Concen: 2.846 ng/ul m

RT: 17.07 min Scan# 3674

Delta R.T. -0.02 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

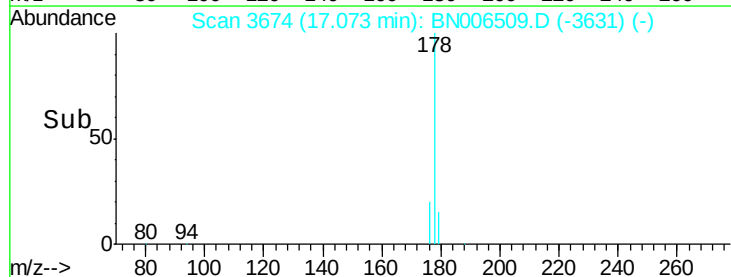
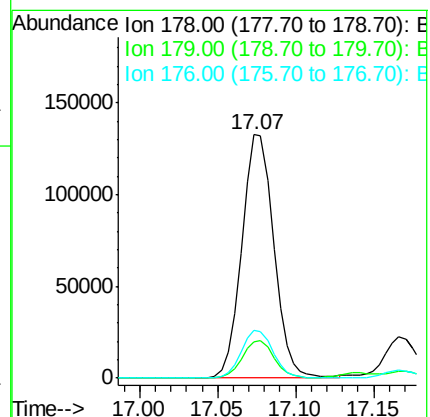
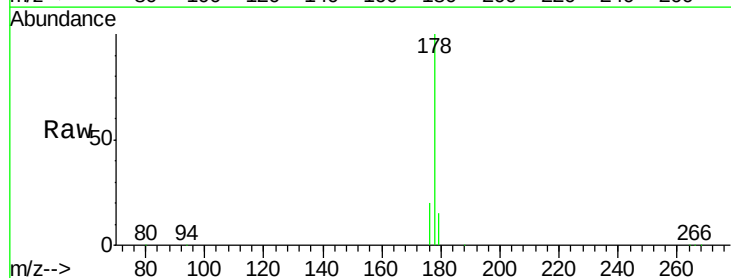
Tgt Ion:178 Resp: 189335

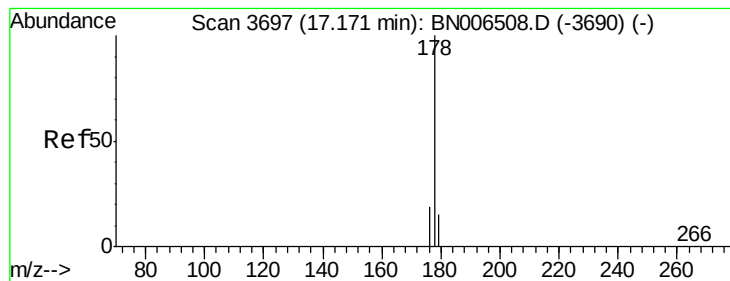
Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.8 15.3 22.9





#13

Anthracene

Concen: 0.484 ng/ul m

RT: 17.17 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

Instrument :

BNA_N

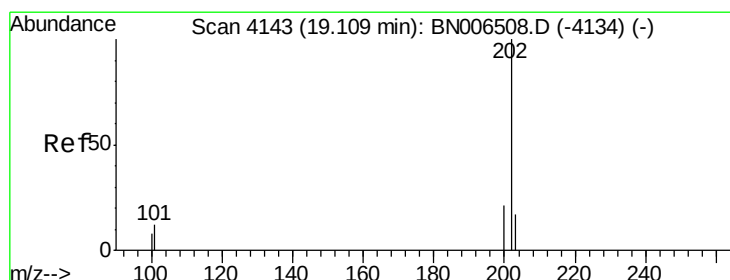
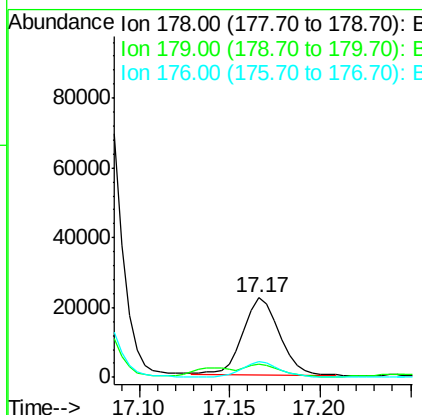
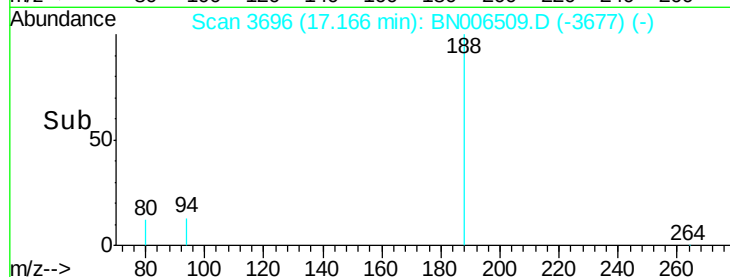
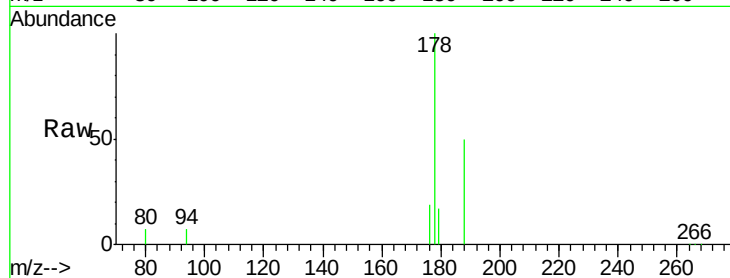
ClientSampleId :

A41Y6

Tgt Ion:	178	Resp:	30718
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.2	18.4
176	19.3	15.1	22.7

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#15

Fluoranthene

Concen: 3.747 ng/ul m

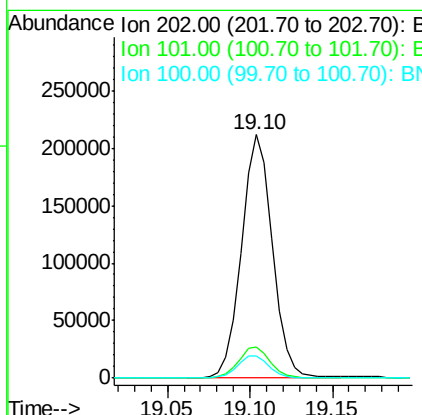
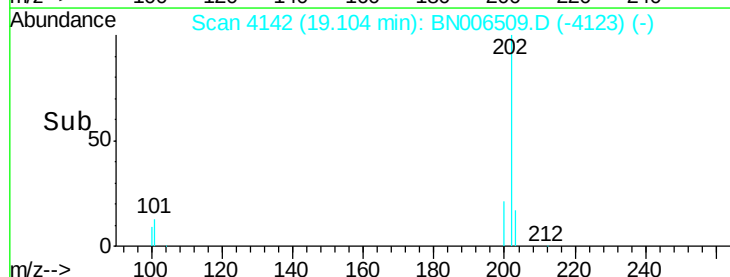
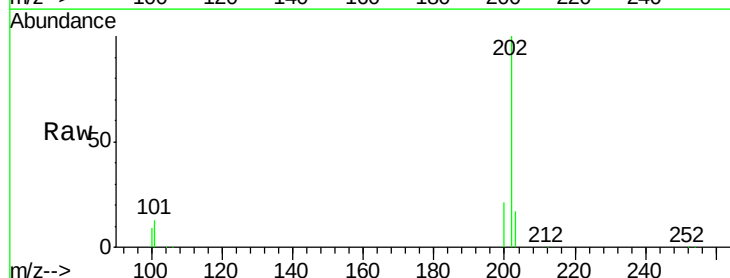
RT: 19.10 min Scan# 4142

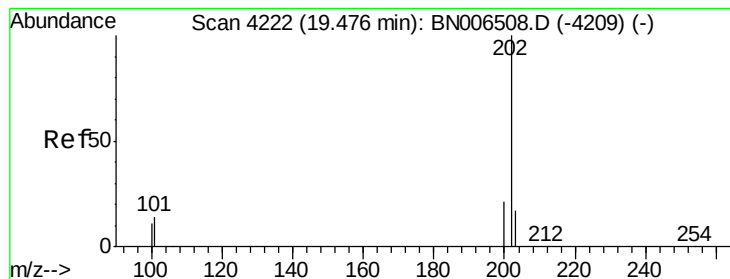
Delta R.T. -0.01 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

Tgt Ion:	202	Resp:	275222
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	32.1
100	9.4	0.0	28.7





#17

Pyrene

Concen: 3.334 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN006509.D

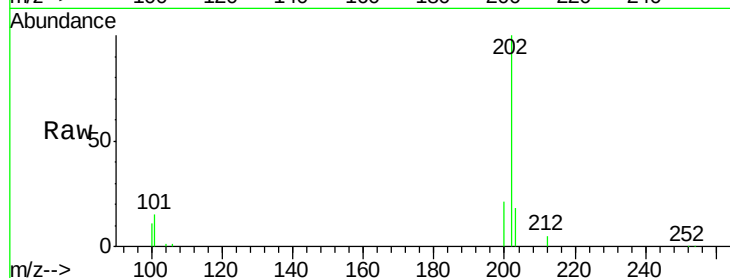
Acq: 23 Jun 2019 04:27

Instrument :

BNA_N

ClientSampleId :

A41Y6



Tgt Ion: 202 Resp: 213268

Ion Ratio Lower Upper

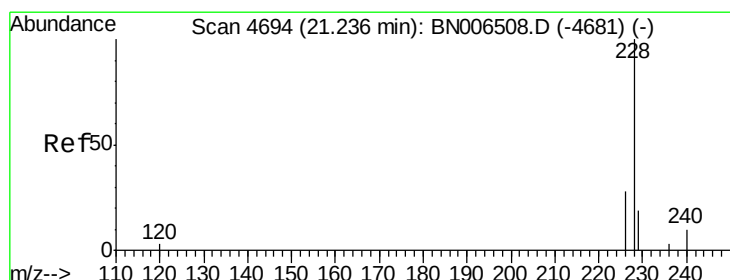
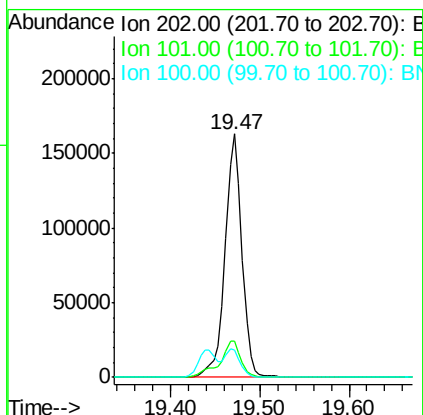
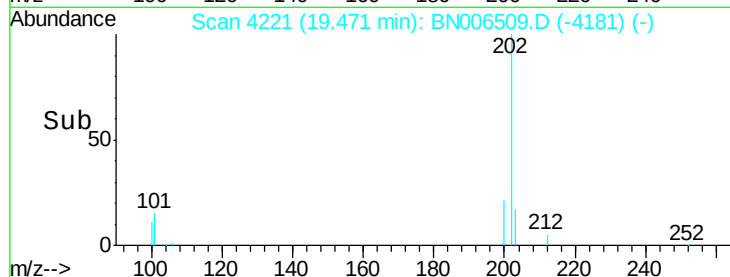
202 100

101 14.7 12.2 18.2

100 11.4 9.8 14.6

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#18

Benzo(a)anthracene

Concen: 1.655 ng/ul m

RT: 21.23 min Scan# 4693

Delta R.T. -0.02 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

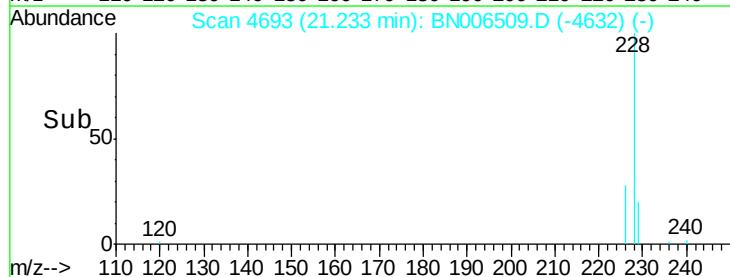
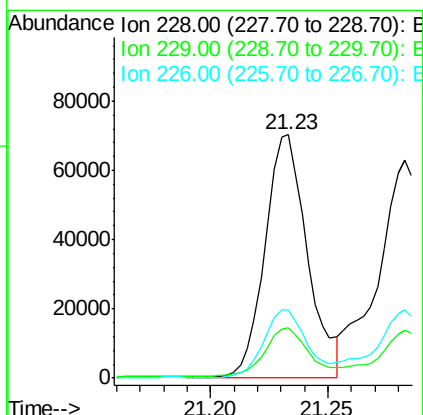
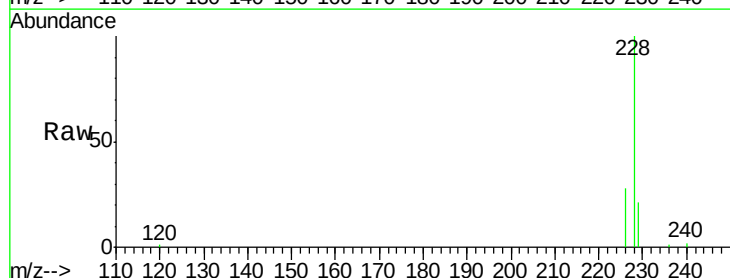
Tgt Ion: 228 Resp: 88888

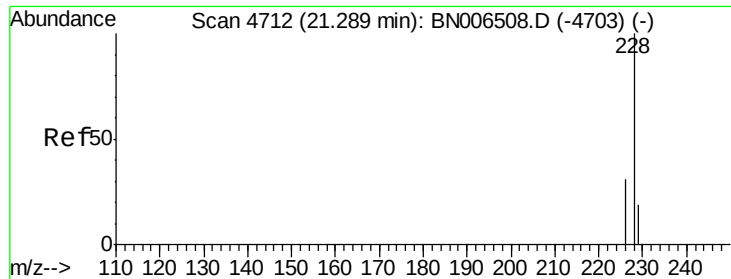
Ion Ratio Lower Upper

228 100

229 20.6 16.5 24.7

226 27.9 22.8 34.2





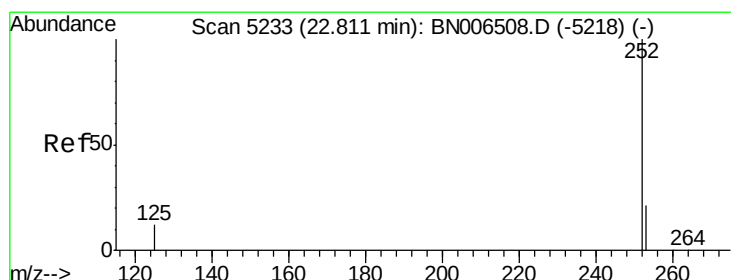
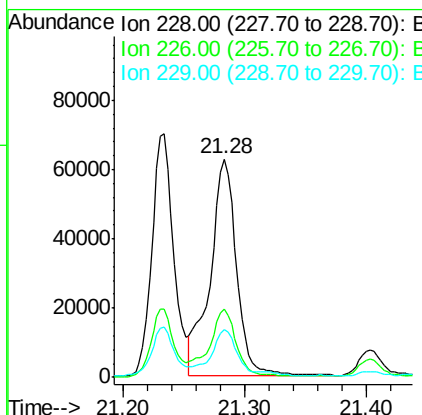
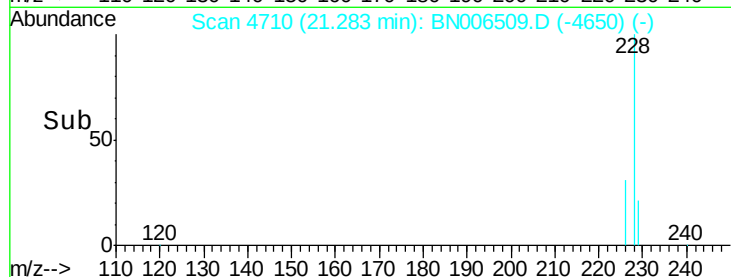
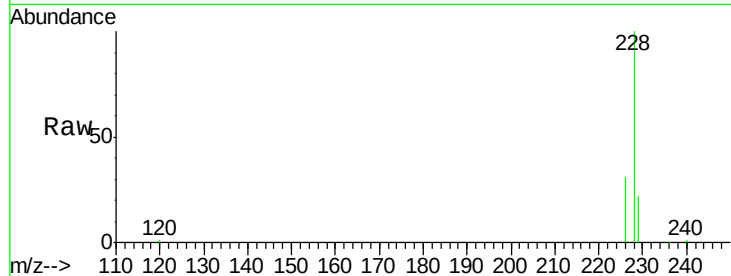
#19
Chrysene
Concen: 1.852 ng/ul
RT: 21.28 min Scan# 4710
Delta R.T. -0.02 min
Lab File: BN006509.D
Acq: 23 Jun 2019 04:27

Instrument :
BNA_N
ClientSampleId :
A41Y6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.7	16.3	24.5

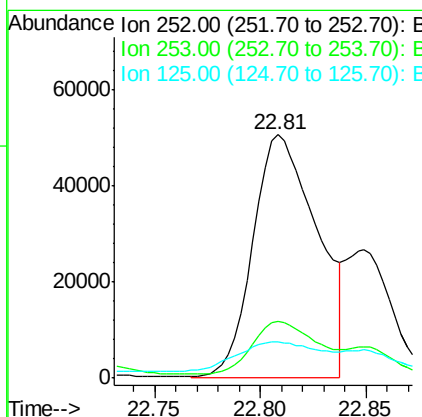
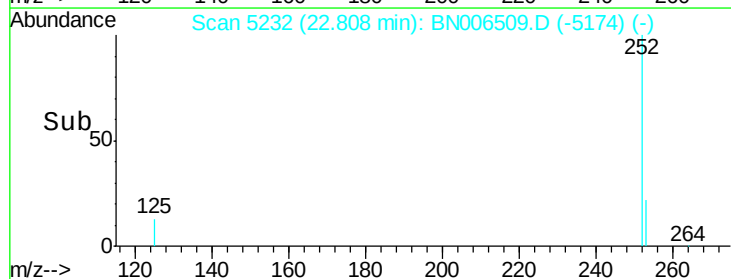
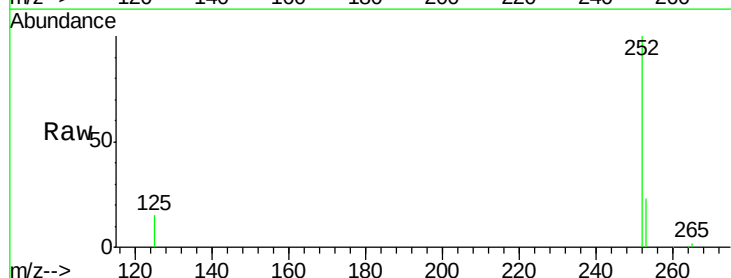
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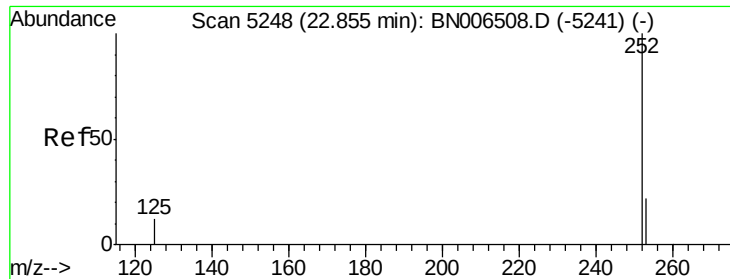
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#21
Benzo(b)fluoranthene
Concen: 2.383 ng/ul m
RT: 22.81 min Scan# 5232
Delta R.T. -0.03 min
Lab File: BN006509.D
Acq: 23 Jun 2019 04:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	51.4
125	15.1	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.955 ng/ul m

RT: 22.85 min Scan# 5246

Delta R.T. -0.03 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

Instrument :

BNA_N

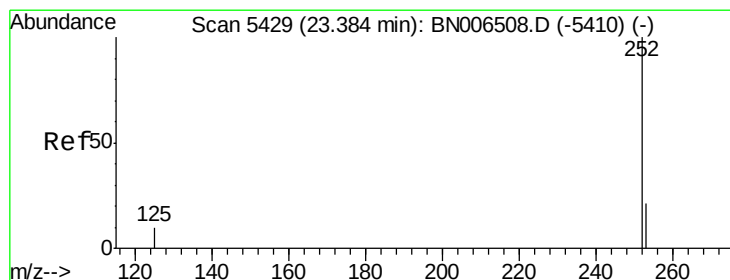
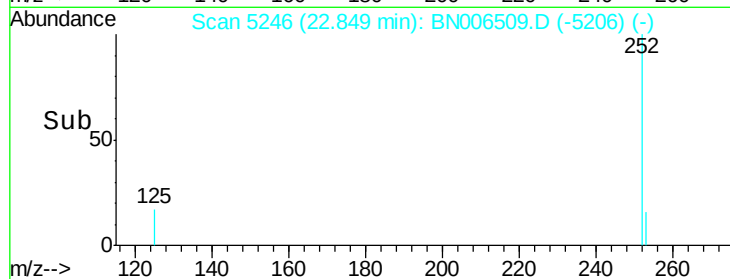
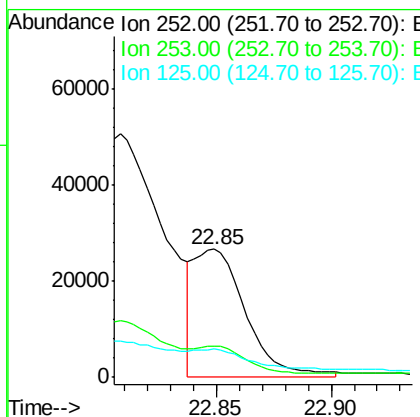
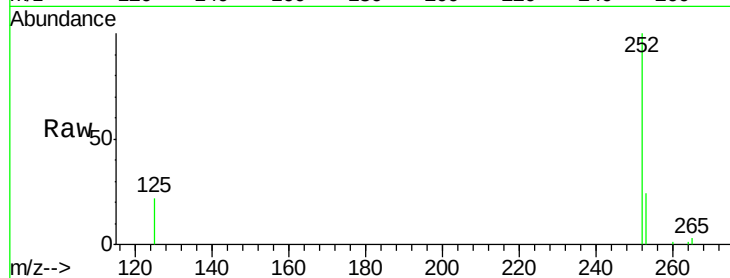
ClientSampleId :

A41Y6

Tgt Ion:	252	Resp:	41858
Ion Ratio	Lower	Upper	
252	100		
253	24.5	20.3	30.5
125	22.1	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 1.581 ng/ul m

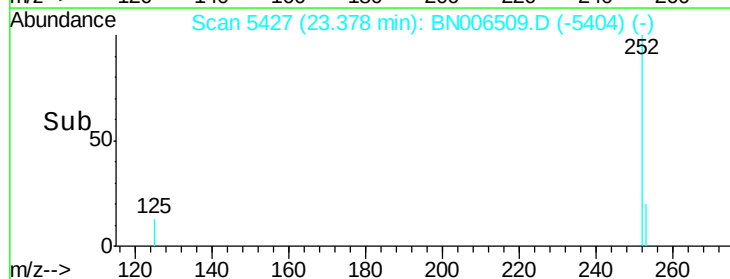
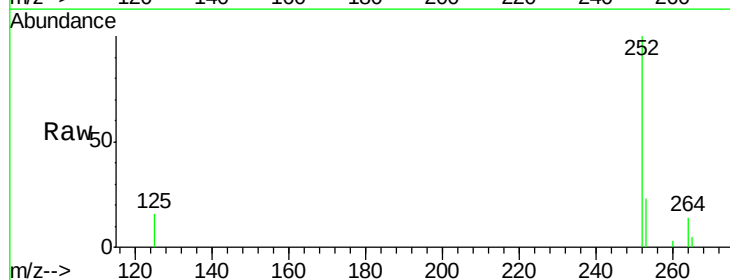
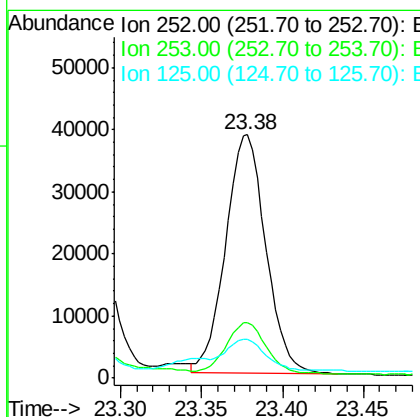
RT: 23.38 min Scan# 5427

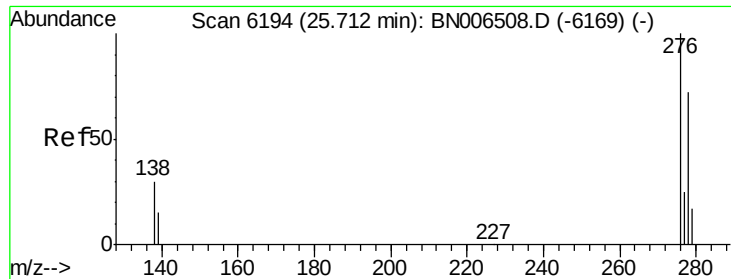
Delta R.T. -0.03 min

Lab File: BN006509.D

Acq: 23 Jun 2019 04:27

Tgt Ion:	252	Resp:	66264
Ion Ratio	Lower	Upper	
252	100		
253	23.0	21.1	31.7
125	15.7	20.3	30.5#





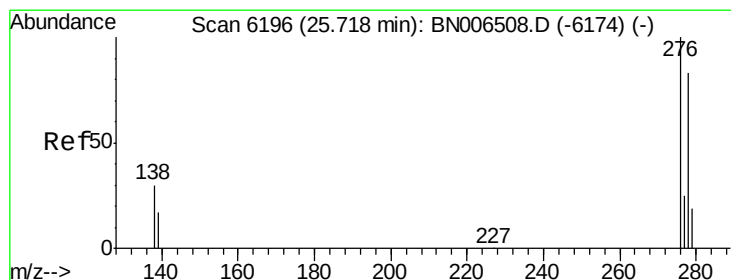
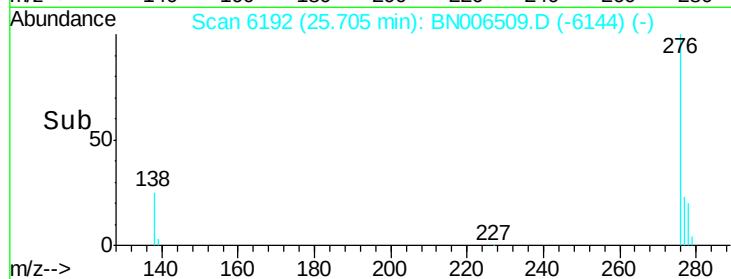
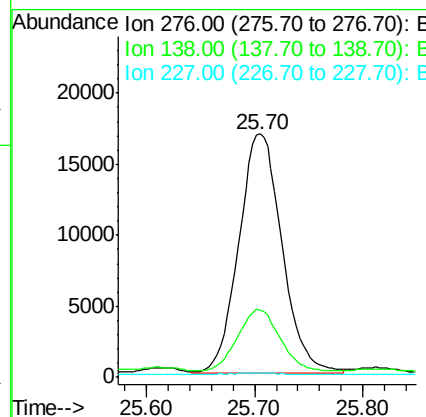
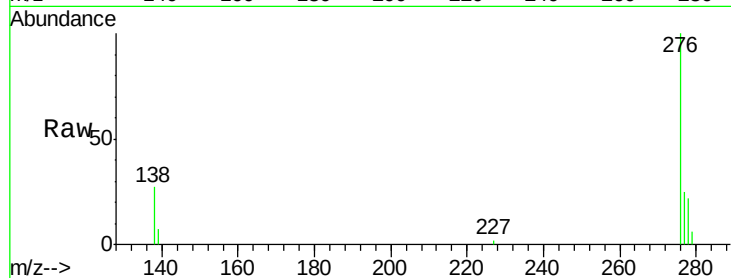
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.032 ng/ul m
 RT: 25.70 min Scan# 6192
 Delta R.T. -0.04 min
 Lab File: BN006509.D
 Acq: 23 Jun 2019 04:27

Instrument :
 BNA_N
 ClientSampleId :
 A41Y6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.2	25.6	38.4#
227	0.0	0.3	0.5#

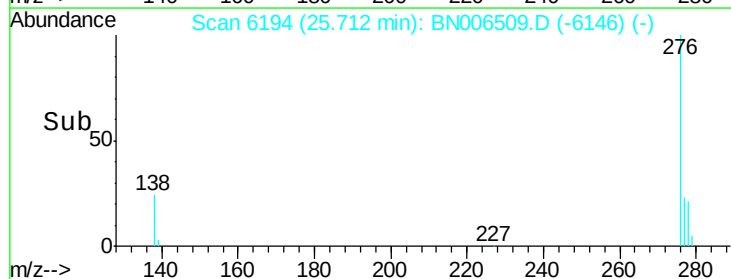
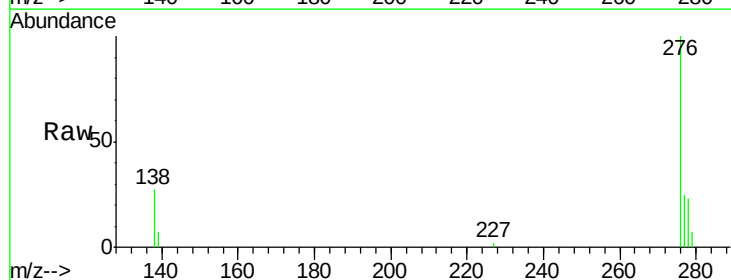
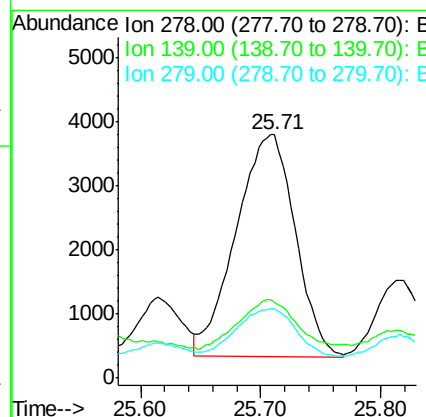
Manual Integrations
 APPROVED

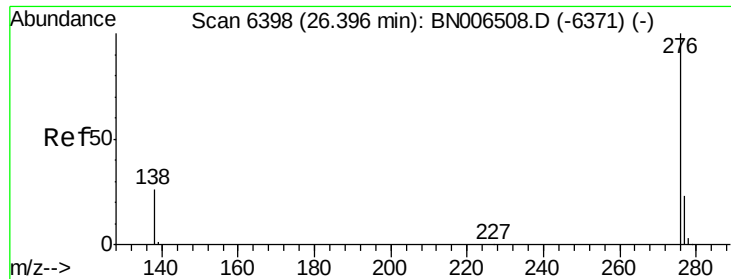
mohammad
 6/25/2019 8:45:11 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.327 ng/ul m
 RT: 25.71 min Scan# 6194
 Delta R.T. -0.04 min
 Lab File: BN006509.D
 Acq: 23 Jun 2019 04:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.2	21.2	31.8
279	28.6	22.6	33.8





#26

Benzo(g,h,i)perylene

Concen: 0.990 ng/ul m

RT: 26.39 min Scan# 6396

Delta R.T. -0.04 min

Lab File: BN006509.D

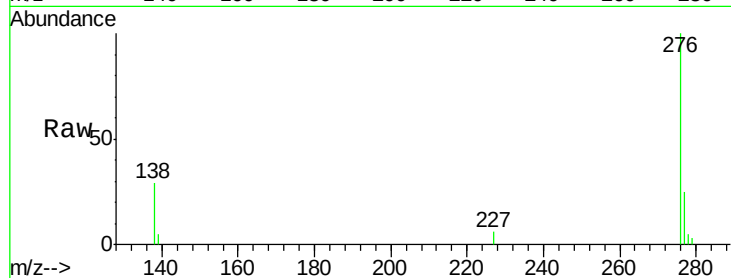
Acq: 23 Jun 2019 04:27

Instrument :

BNA_N

ClientSampleId :

A41Y6



Tgt Ion: 276 Resp: 37625

Ion Ratio Lower Upper

276 100

138 28.6 24.2 36.4

277 25.5 21.5 32.3

Manual Integrations
APPROVED

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6/25/2019 8:45:11 AM

