

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006144.D
 Acq On : 06 Jun 2019 20:01
 Operator : JU/SJ
 Sample : K3201-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:29 PM

Quant Time: Jun 07 01:09:54 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 : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5839	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21683	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11080	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	22768m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	19773m	0.40	ng/ul	-0.02
20) Perylene-d12	23.51	264	29401	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	6665	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	15362m	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	2352	0.039	ng/ul#	87
5) 2-Methylnaphthalene	12.10	142	845	0.020	ng/ul	95
7) Acenaphthylene	14.02	152	9725	0.158	ng/ul	98
8) Acenaphthene	14.36	153	3831	0.090	ng/ul	99
9) Fluorene	15.36	166	4503	0.090	ng/ul#	96
12) Phenanthrene	17.09	178	98216m	1.344	ng/ul	
13) Anthracene	17.19	178	19387m	0.278	ng/ul	
15) Fluoranthene	19.12	202	200004m	2.478	ng/ul	
17) Pyrene	19.49	202	179499	1.723	ng/ul	98
18) Benzo(a)anthracene	21.26	228	86435m	0.988	ng/ul	
19) Chrysene	21.31	228	90719	1.105	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	121769m	0.993	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	52512m	0.440	ng/ul	
23) Benzo(a)pyrene	23.41	252	80521	0.705	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.74	276	58443	0.473	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.75	278	13919	0.141	ng/ul#	93
26) Benzo(a,h,i)perylene	26.43	276	43686	0.422	ng/ul	98

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

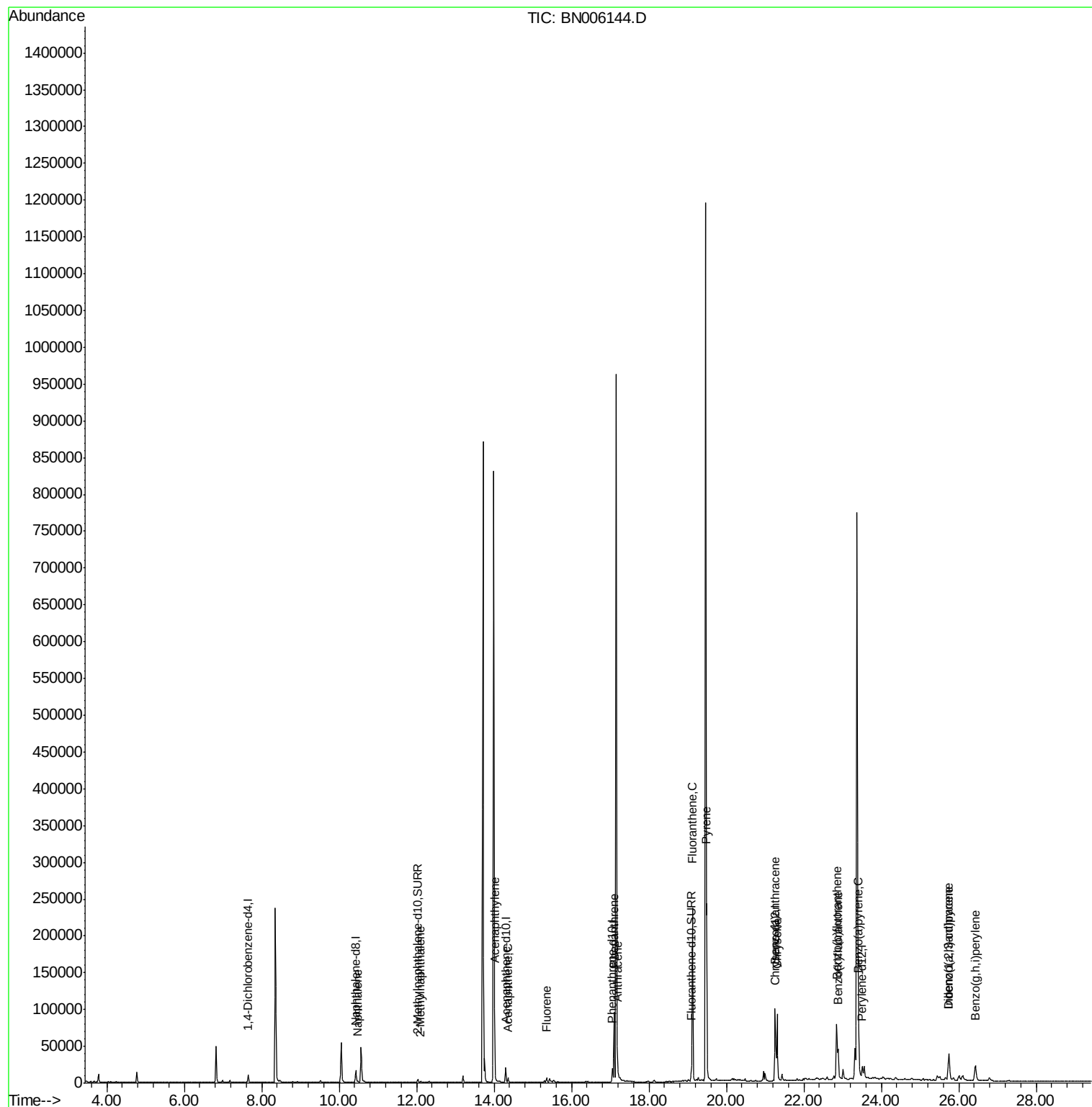
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006144.D
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Sample : K3201-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

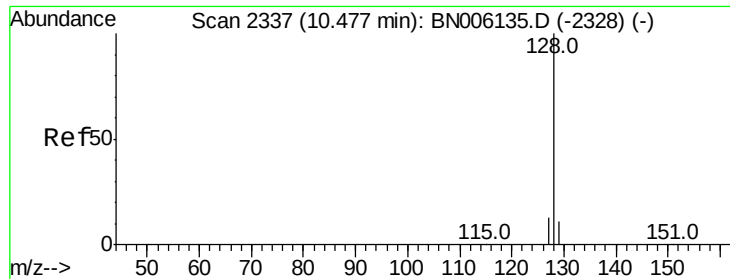
Instrument :
BNA_N
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C0AB1

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Quant Time: Jun 07 01:09:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Fri Jun 07 00:25:28 2019
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#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Instrument :

BNA_N

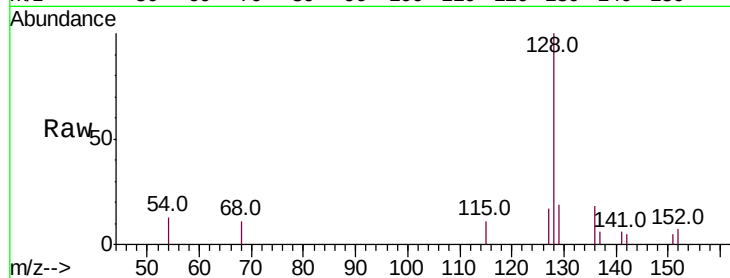
ClientSampleId :

C0AB1

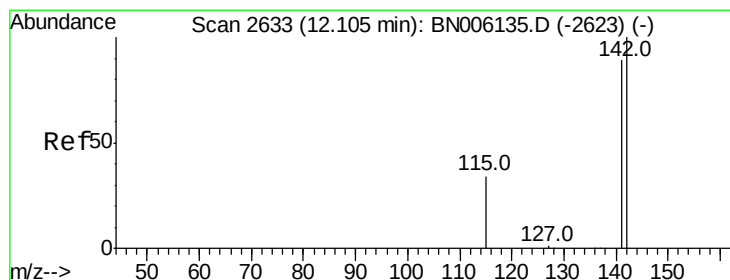
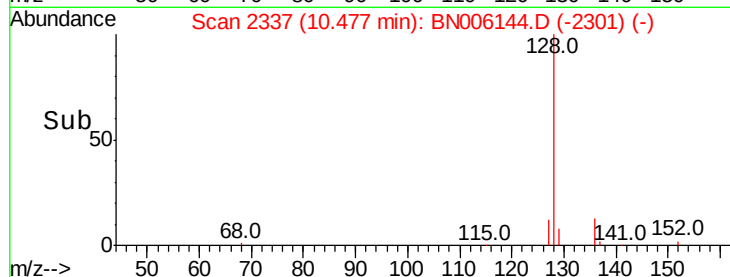
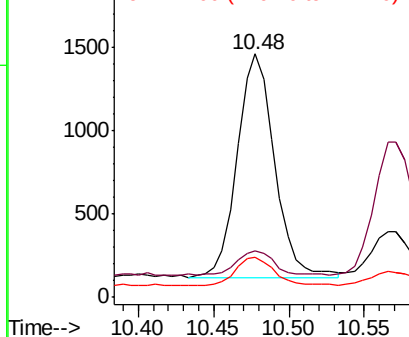
Tot Ion:	128	Resp:	2352
Ion Ratio	Lower	Upper	
128	100		
129	18.9	9.3	13.9#
127	16.6	10.7	16.1#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

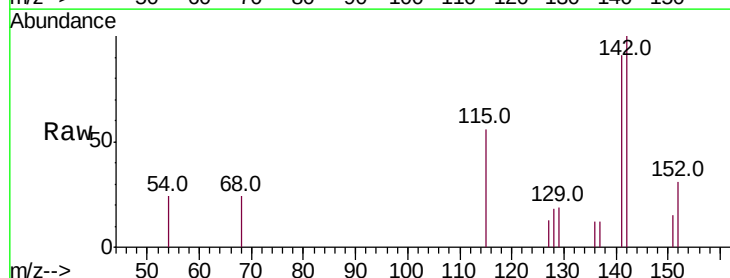
RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

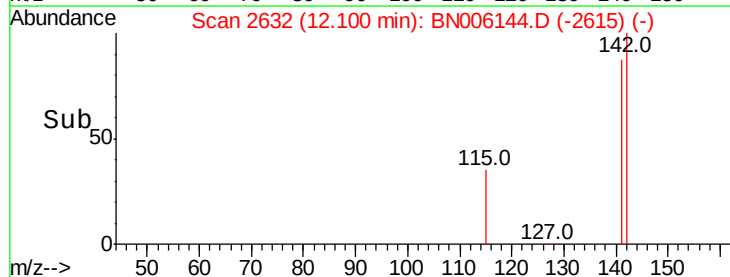
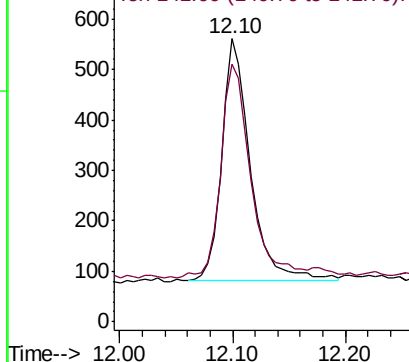
Lab File: BN006144.D

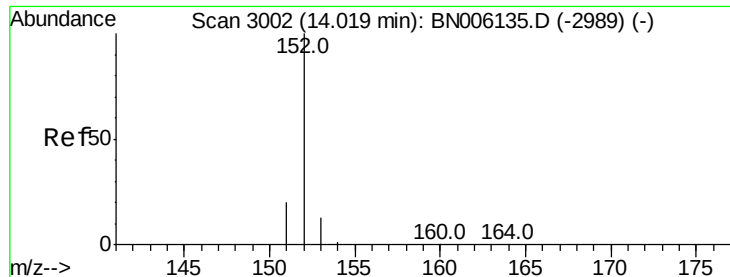
Acq: 06 Jun 2019 20:01

Tgt Ion:	142	Resp:	845
Ion Ratio	Lower	Upper	
142	100		
141	92.9	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.158 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Instrument :

BNA_N

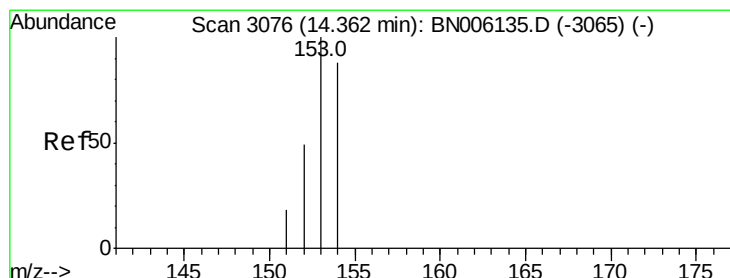
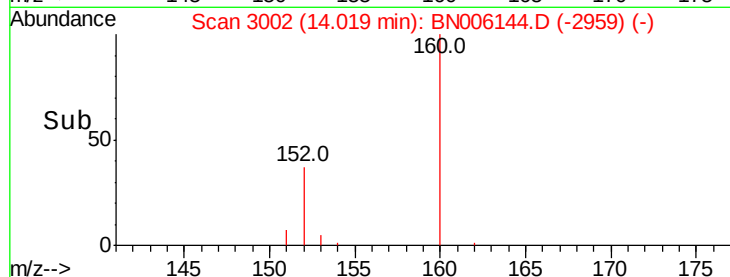
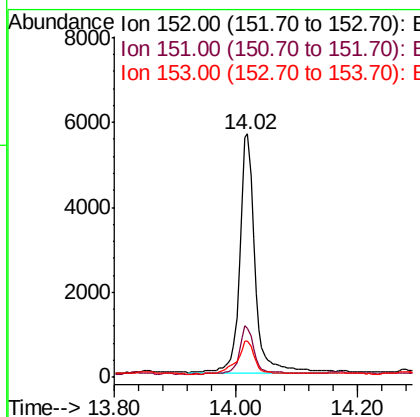
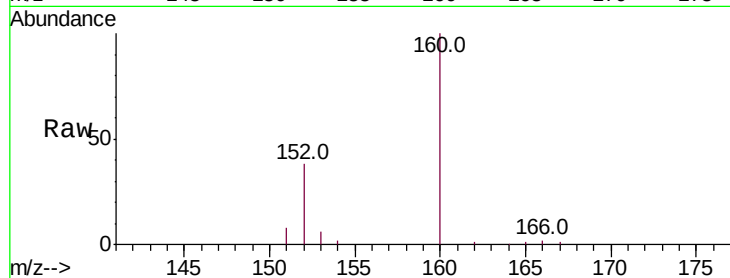
ClientSampleId :

C0AB1

Tot Ion:	152	Resp:	9725
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	14.8	10.8	16.2

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#8

Acenaphthene

Concen: 0.090 ng/ul

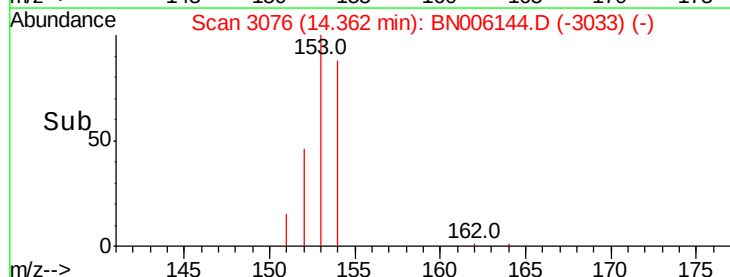
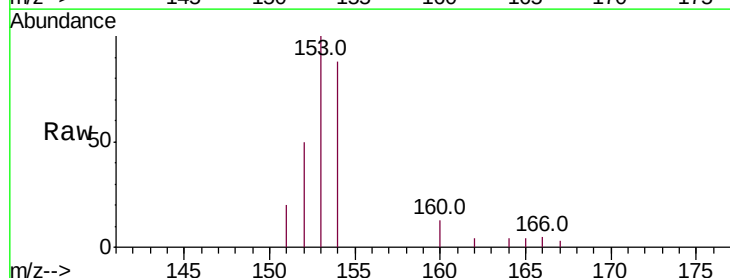
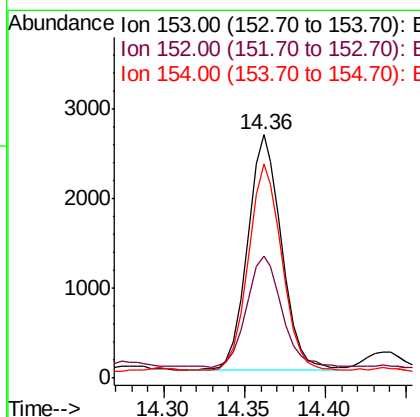
RT: 14.36 min Scan# 3076

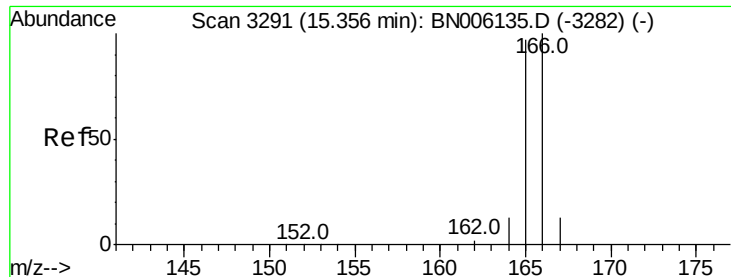
Delta R.T. 0.00 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Tgt Ion:	153	Resp:	3831
Ion Ratio	Lower	Upper	
153	100		
152	50.1	39.1	58.7
154	88.0	71.1	106.7





#9

Fluorene

Concen: 0.090 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Instrument :

BNA_N

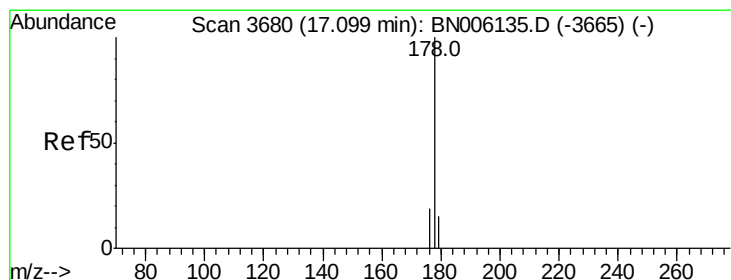
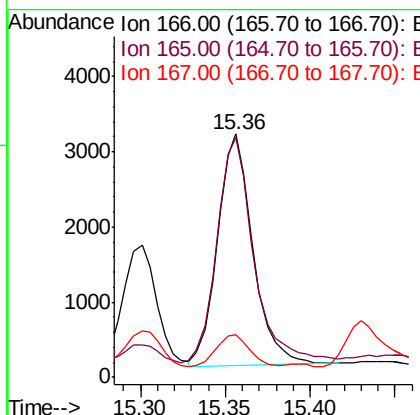
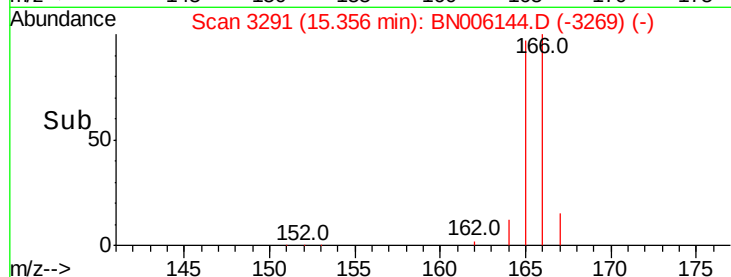
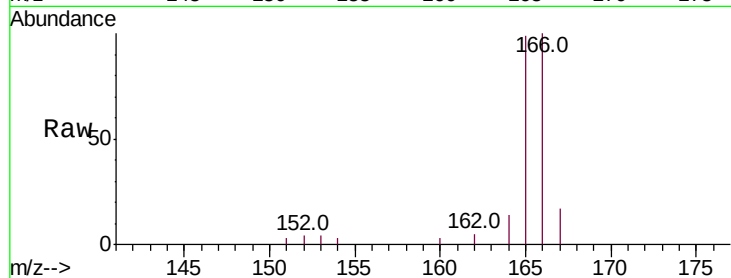
ClientSampled :

C0AB1

Tot Ion:	166	Resp:	4503
Ion Ratio	Lower	Upper	
166	100		
165	98.5	76.4	114.6
167	17.5	11.0	16.6#

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#12

Phenanthrene

Concen: 1.344 ng/ul m

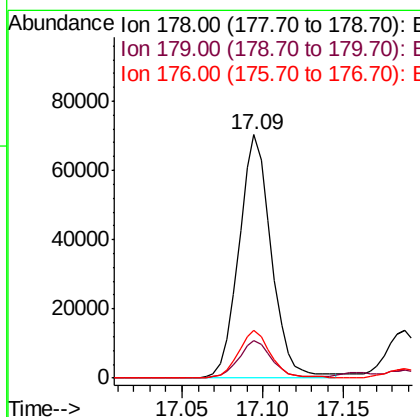
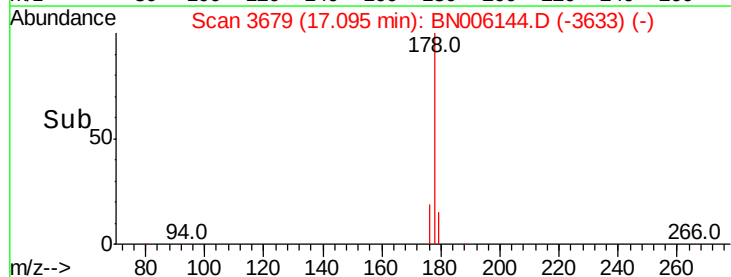
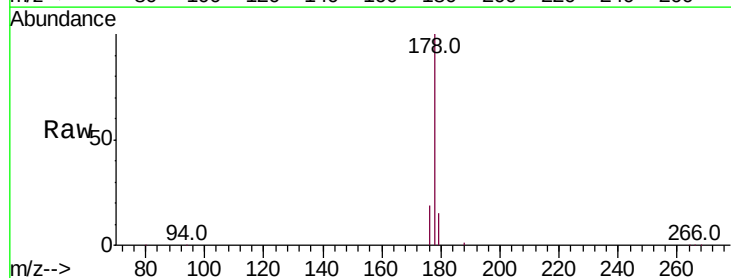
RT: 17.09 min Scan# 3679

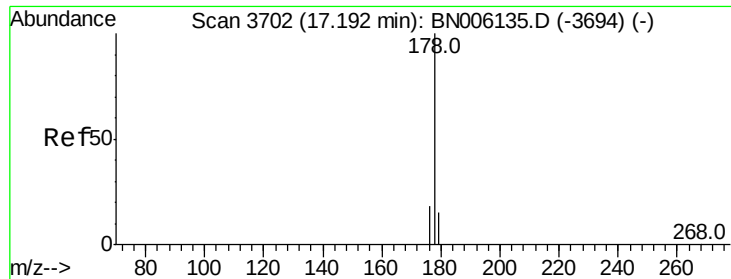
Delta R.T. -0.00 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Tgt Ion:	178	Resp:	98216
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.4	15.3	22.9





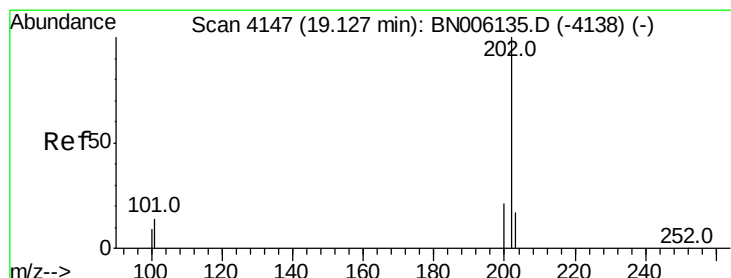
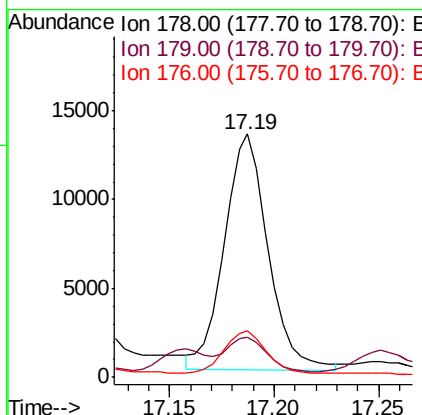
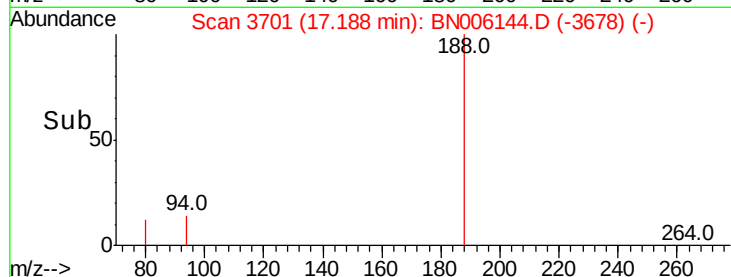
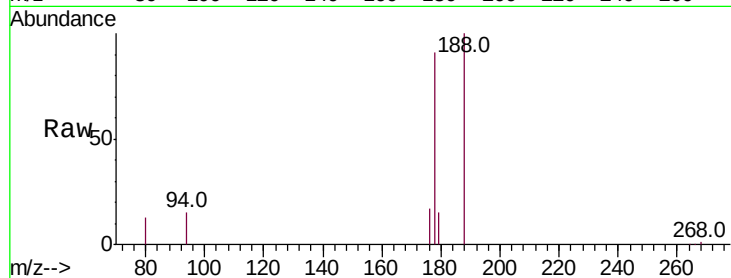
#13
 Anthracene
 Concen: 0.278 ng/ul m
 RT: 17.19 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BN006144.D
 Acq: 06 Jun 2019 20:01

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1

Tot Ion:178	Resp:	19387
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.2 18.4
176	19.0	15.1 22.7

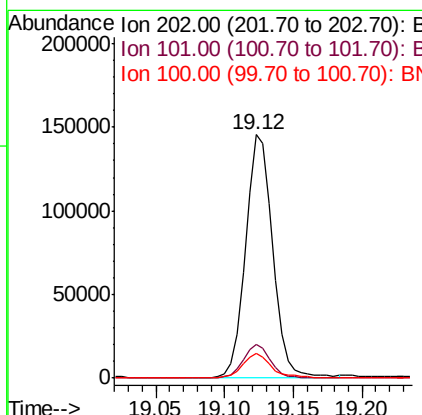
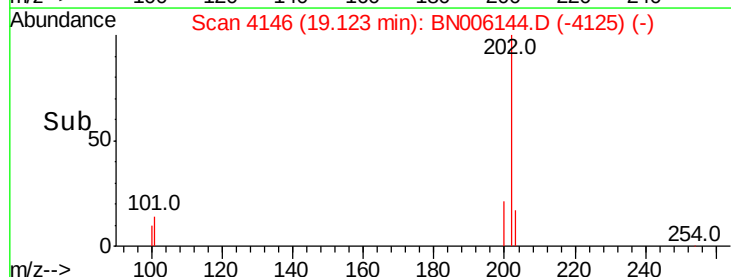
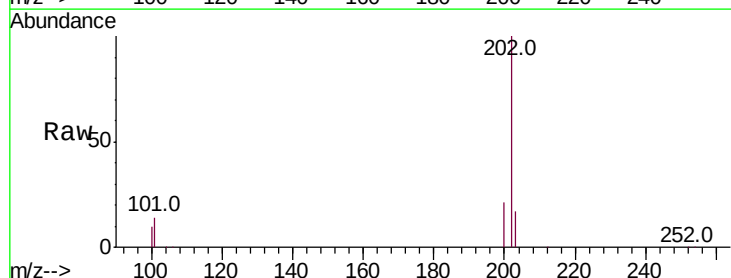
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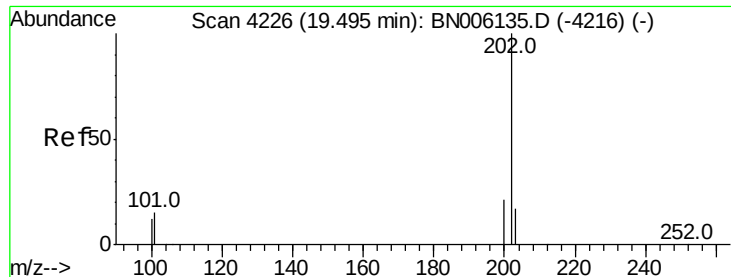
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#15
 Fluoranthene
 Concen: 2.478 ng/ul m
 RT: 19.12 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN006144.D
 Acq: 06 Jun 2019 20:01

Tgt Ion:202	Resp:	200004
Ion Ratio	Lower	Upper
202	100	
101	14.0	0.0 32.1
100	10.3	0.0 28.7





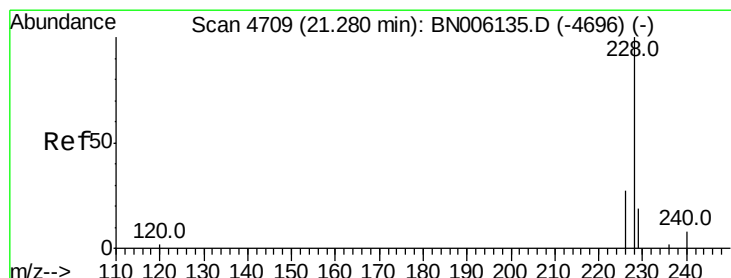
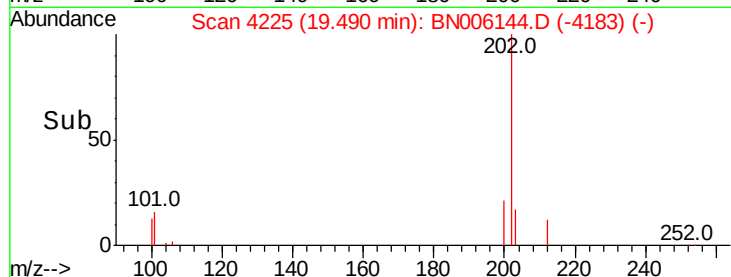
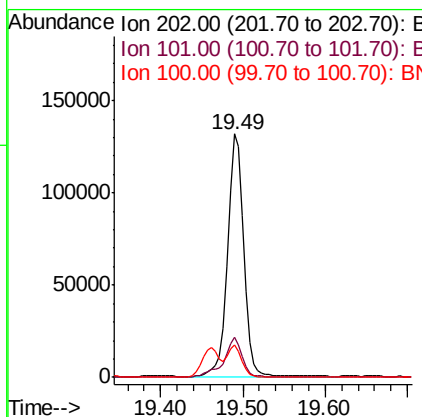
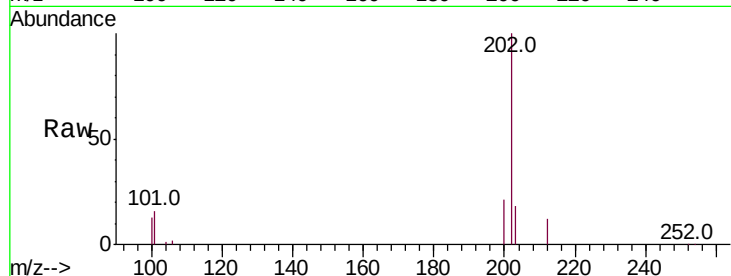
#17
Pvrene
Concen: 1.723 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BN006144.D
Acq: 06 Jun 2019 20:01

Instrument :
BNA_N
ClientSampleId :
C0AB1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.2	12.2	18.2
100	13.1	9.8	14.6

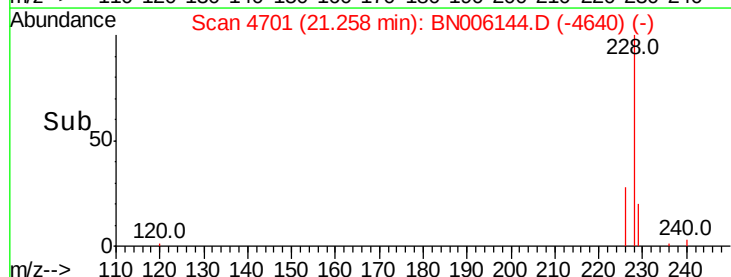
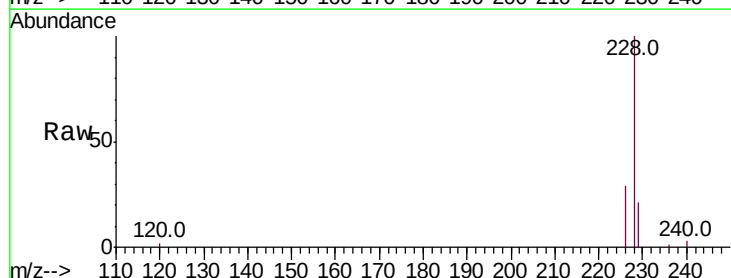
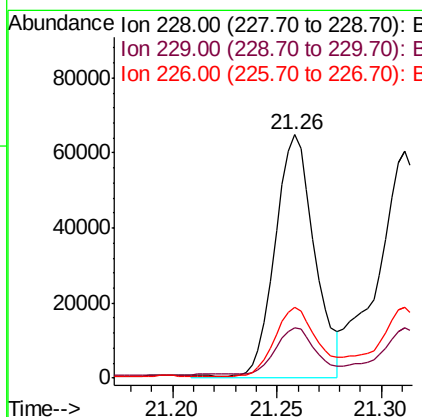
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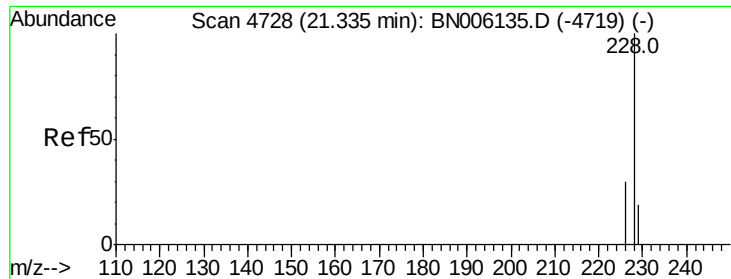
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#18
Benzo(a)anthracene
Concen: 0.988 ng/ul m
RT: 21.26 min Scan# 4701
Delta R.T. -0.02 min
Lab File: BN006144.D
Acq: 06 Jun 2019 20:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.5	24.7
226	29.0	22.8	34.2





#19

Chrysene

Concen: 1.105 ng/ul

RT: 21.31 min Scan# 4719

Delta R.T. -0.02 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Instrument :

BNA_N

ClientSampleId :

C0AB1

Tot Ion:228 Resp: 90719

Ion Ratio Lower Upper

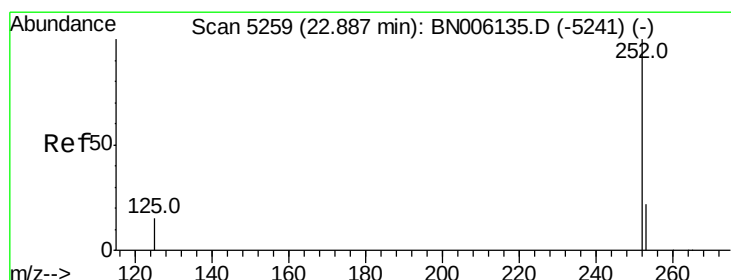
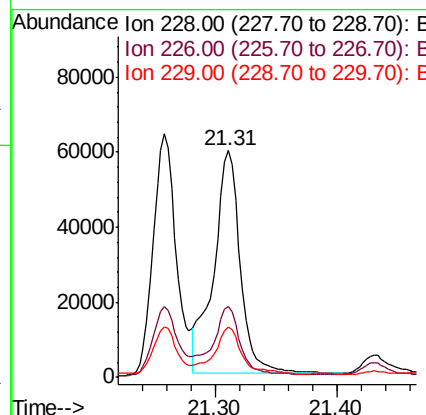
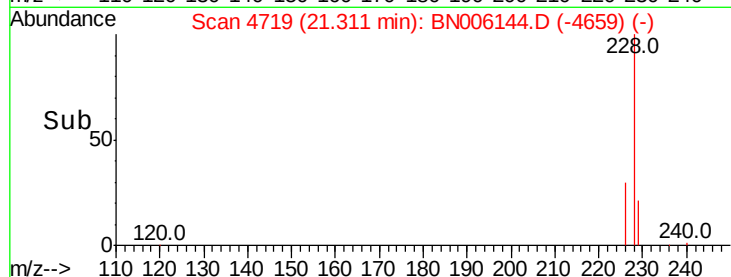
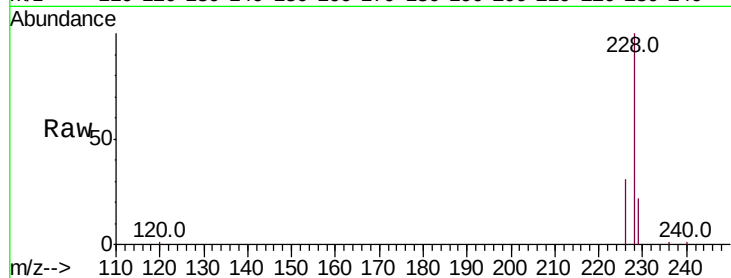
228 100

226 31.0 25.0 37.6

229 22.1 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 0.993 ng/ul m

RT: 22.85 min Scan# 5244

Delta R.T. -0.04 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

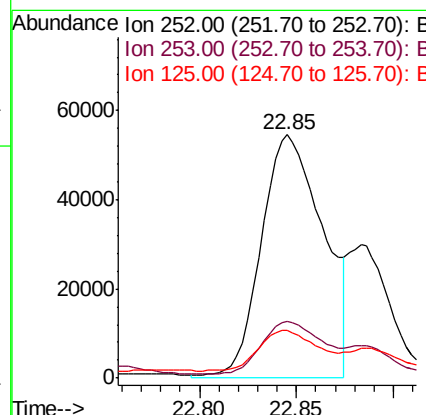
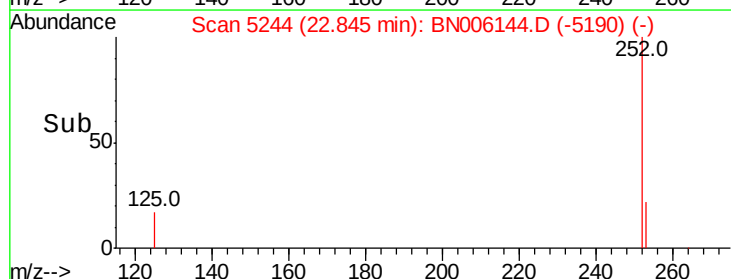
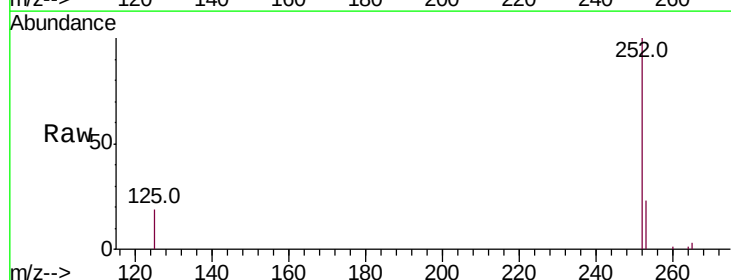
Tgt Ion:252 Resp: 121769

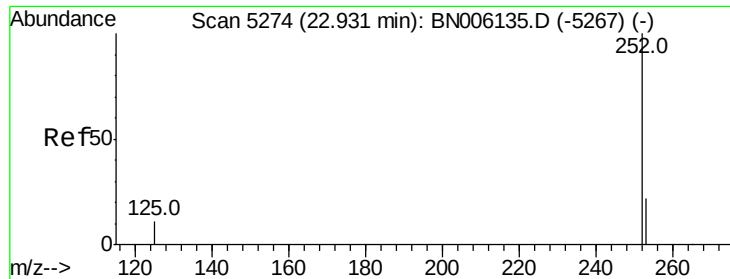
Ion Ratio Lower Upper

252 100

253 23.5 0.0 51.4

125 19.4 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 0.440 ng/ul m

RT: 22.88 min Scan# 5257

Delta R.T. -0.05 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Instrument :

BNA_N

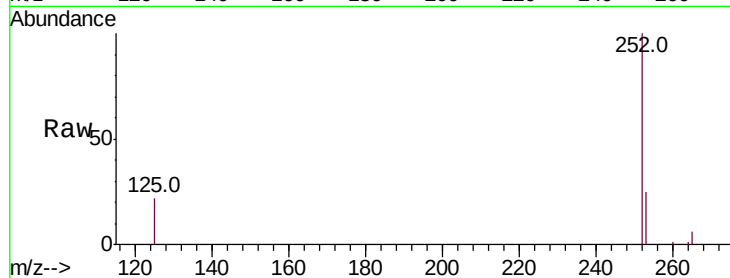
ClientSampleId :

C0AB1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.3	30.5
125	22.0	14.3	21.5#

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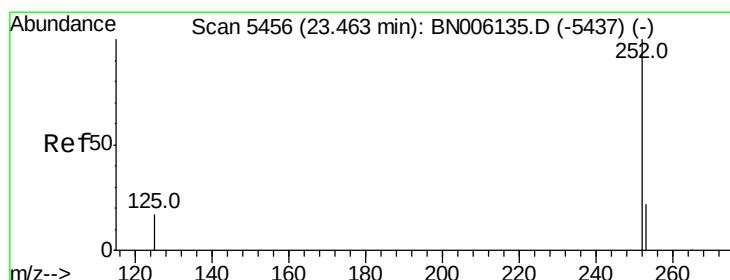
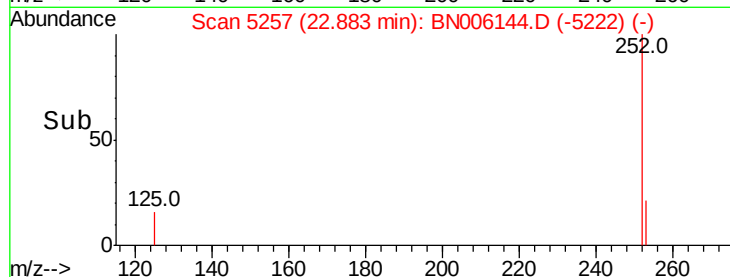
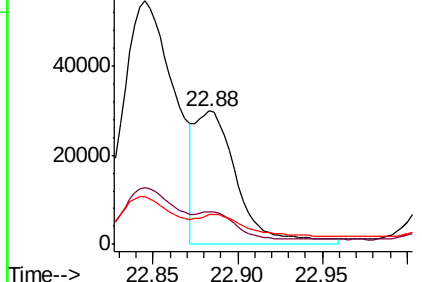
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.705 ng/ul

RT: 23.41 min Scan# 5438

Delta R.T. -0.05 min

Lab File: BN006144.D

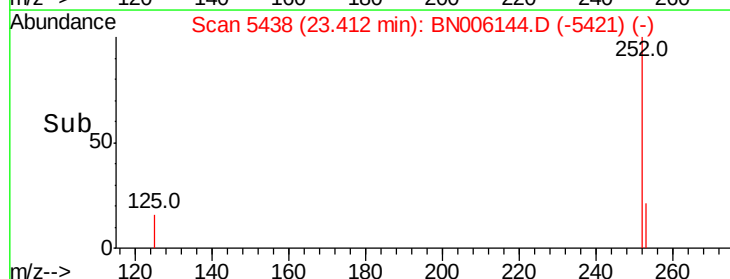
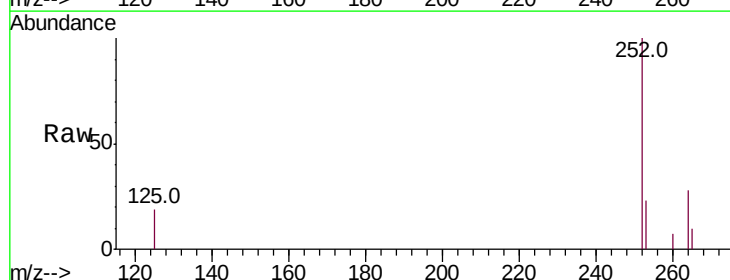
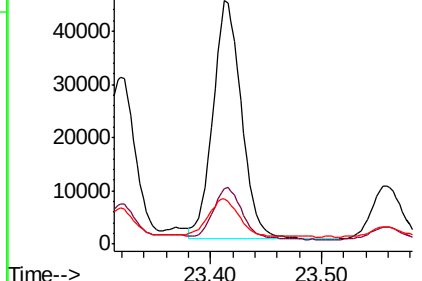
Acq: 06 Jun 2019 20:01

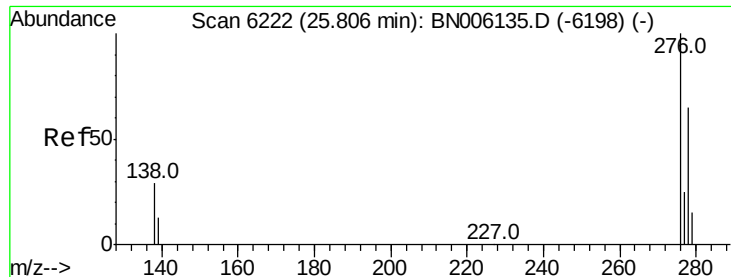
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	21.1	31.7
125	18.7	20.3	30.5#

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





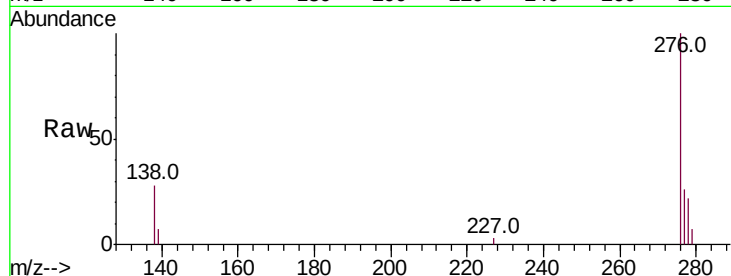
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.473 ng/ul
 RT: 25.74 min Scan# 6203
 Delta R.T. -0.06 min
 Lab File: BN006144.D
 Acq: 06 Jun 2019 20:01

Instrument :
 BNA_N
 ClientSampled :
 C0AB1

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.6	38.4#
227	0.6	0.3	0.5#

Manual Integrations
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 6/11/2019 5:07:29 PM

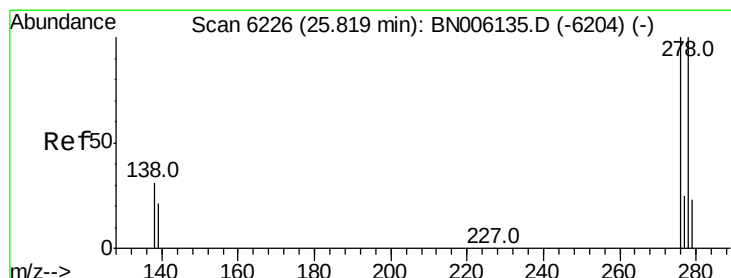
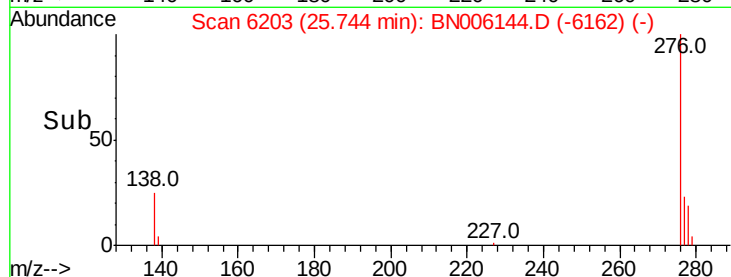
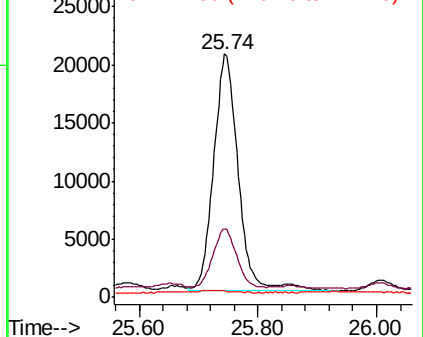


Abundance

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: 0.141 ng/ul
 RT: 25.75 min Scan# 6204
 Delta R.T. -0.07 min
 Lab File: BN006144.D
 Acq: 06 Jun 2019 20:01

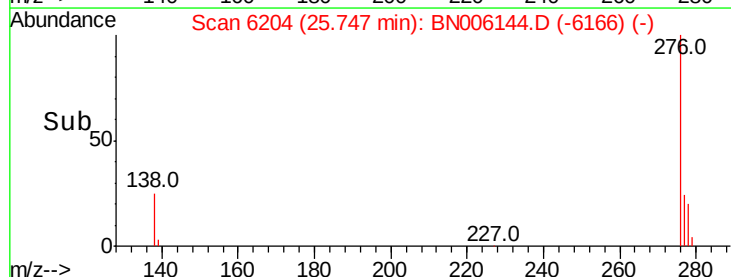
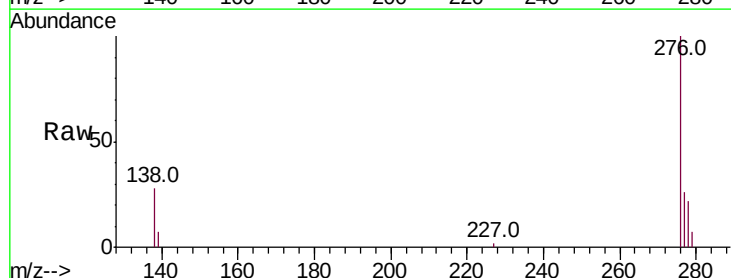
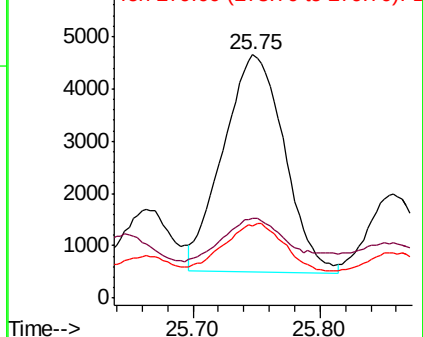
Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.7	21.2	31.8#
279	29.6	22.6	33.8

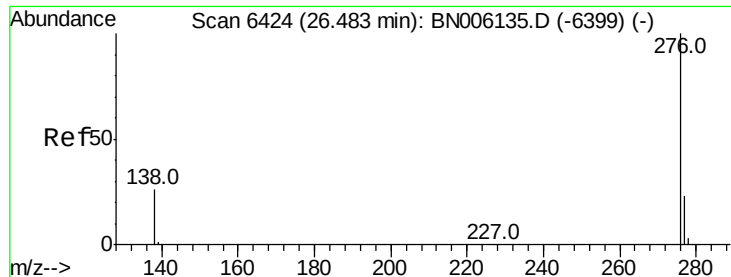
Abundance

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





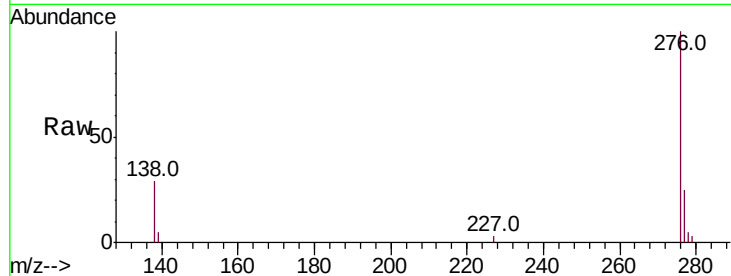
#26
 Benzo(a,h,i)perylene
 Concen: 0.422 ng/ul
 RT: 26.43 min Scan# 6408
 Delta R.T. -0.05 min
 Lab File: BN006144.D
 Acq: 06 Jun 2019 20:01

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	24.2	36.4
277	25.4	21.5	32.3

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:29 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

