

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006142.D
 Acq On : 06 Jun 2019 18:51
 Operator : JU/SJ
 Sample : K3201-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:19 PM

Quant Time: Jun 07 00:53:52 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	8626	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	32147	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	17381	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	33832m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	23702m	0.40	ng/ul	-0.02
20) Perylene-d12	23.51	264	27950m	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	9279	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	17845m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	229901	2.592	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	130495	2.111	ng/ul	100
7) Acenaphthylene	14.02	152	113543	1.175	ng/ul	98
8) Acenaphthene	14.36	153	339696	5.069	ng/ul	99
9) Fluorene	15.36	166	393475	5.018	ng/ul	98
12) Phenanthrene	17.10	178	4237780m	39.022	ng/ul	
13) Anthracene	17.19	178	1334146m	12.864	ng/ul	
15) Fluoranthene	19.13	202	4836298m	40.329	ng/ul	
17) Pyrene	19.49	202	4118367	32.987	ng/ul	97
18) Benzo(a)anthracene	21.26	228	2505883m	23.904	ng/ul	
19) Chrysene	21.31	228	2288068	23.250	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	2648807m	22.728	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	1043169m	9.189	ng/ul	
23) Benzo(a)pyrene	23.42	252	1945159m	17.921	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	1128574m	9.606	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	368355m	3.922	ng/ul	
26) Benzo(a,h,i)perylene	26.43	276	813520	8.267	ng/ul	94

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

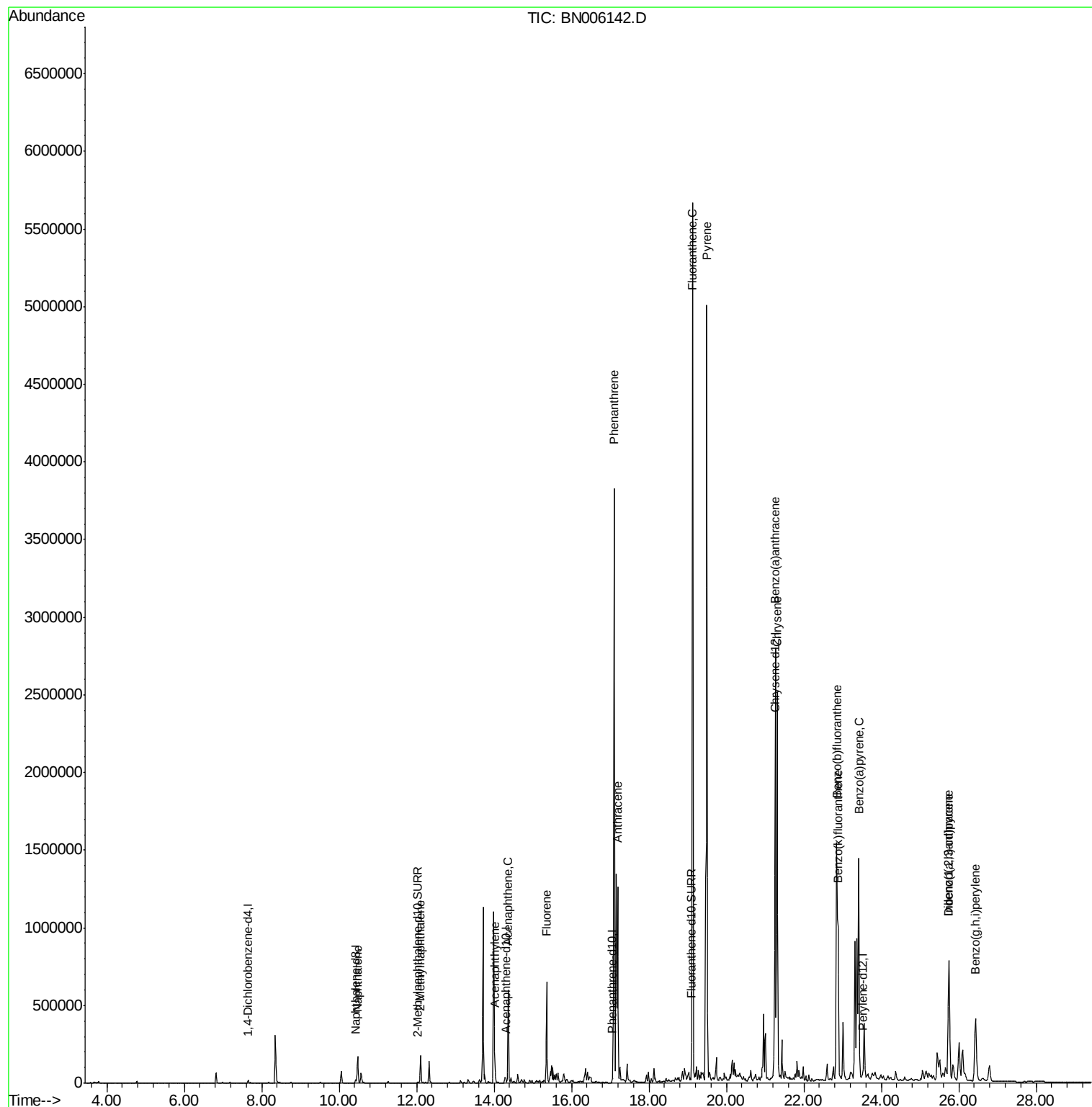
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
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ALS Vial : 9 Sample Multiplier: 1

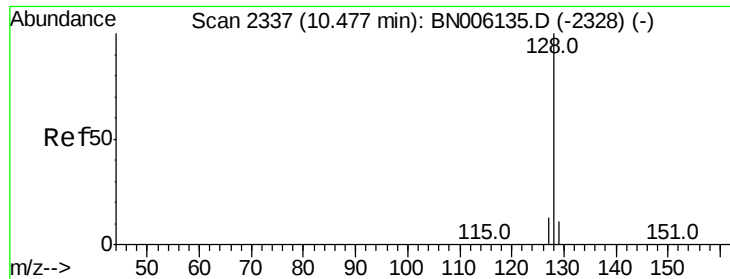
Instrument :
BNA_N
ClientSampleId :
C0AC2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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#3

Naphthalene

Concen: 2.592 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

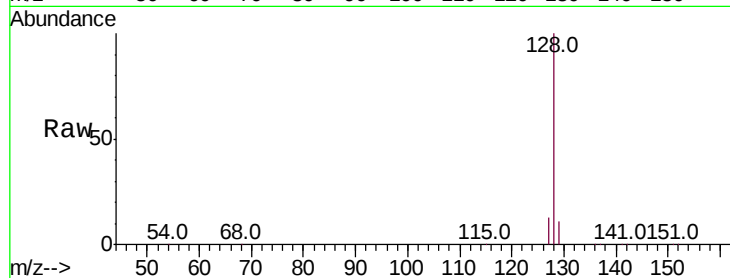
ClientSampleId :

C0AC2

Tot Ion:	128	Resp:	229901
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.3	13.9
127	12.9	10.7	16.1

Manual Integrations
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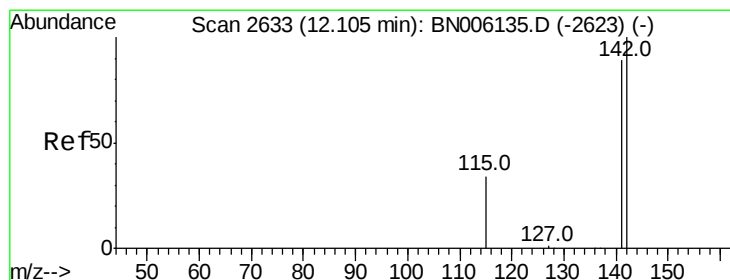
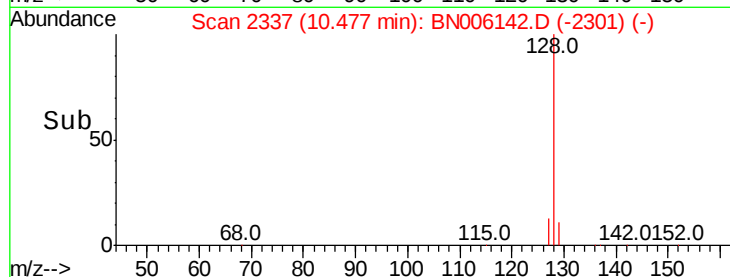
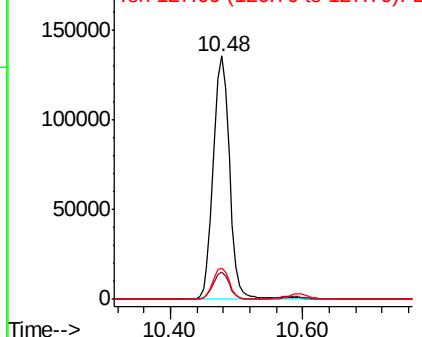
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 2.111 ng/ul

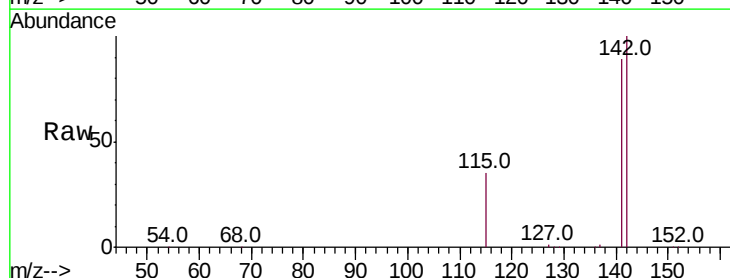
RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006142.D

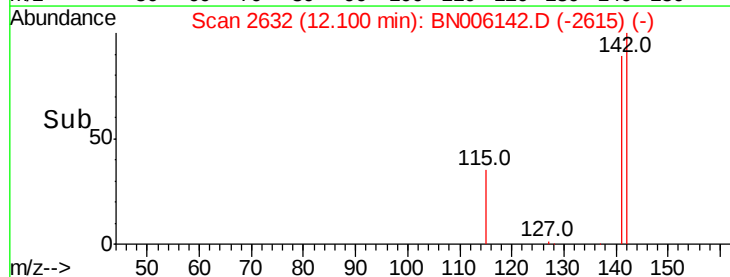
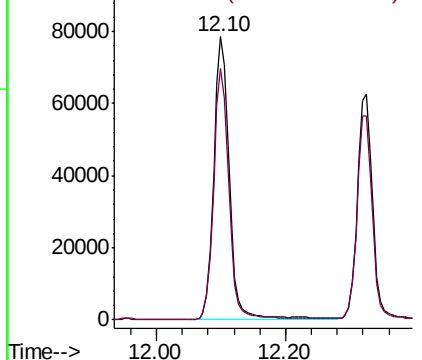
Acq: 06 Jun 2019 18:51

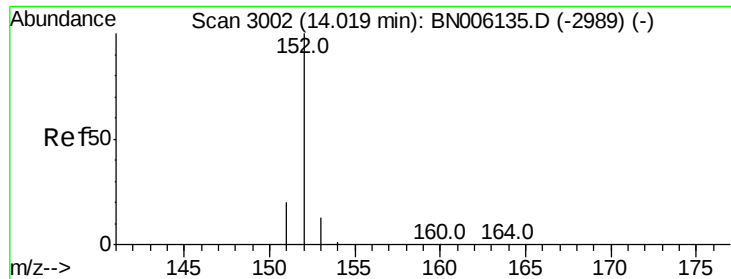
Tgt Ion:	142	Resp:	130495
Ion Ratio	Lower	Upper	
142	100		
141	88.0	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.175 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

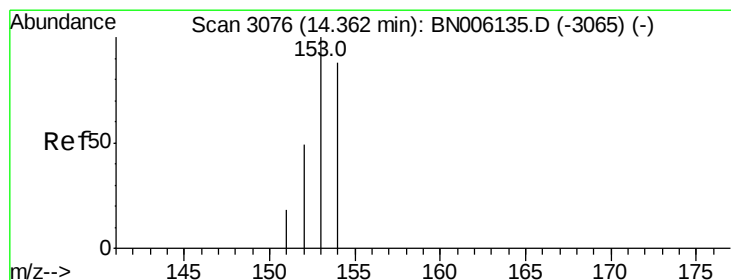
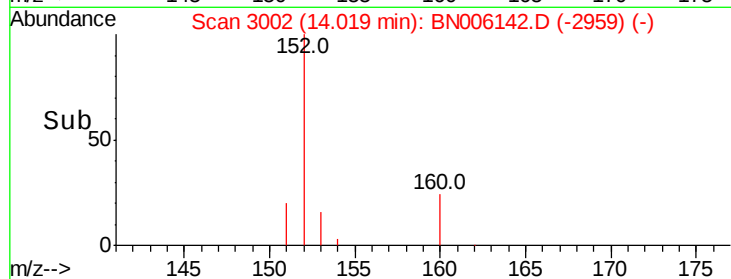
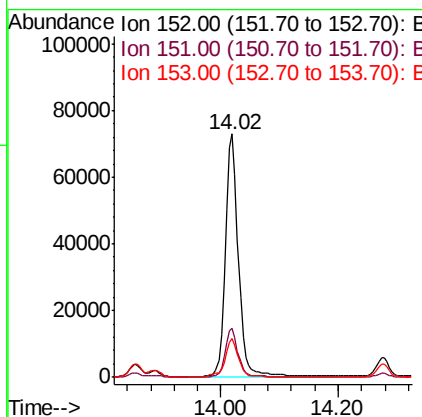
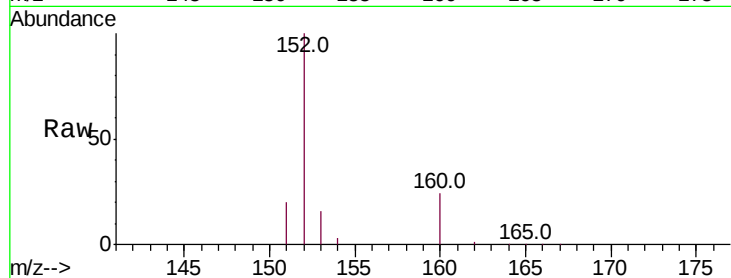
ClientSampleId :

C0AC2

Tot Ion:	152	Resp:	113543
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	15.8	10.8	16.2

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#8

Acenaphthene

Concen: 5.069 ng/ul

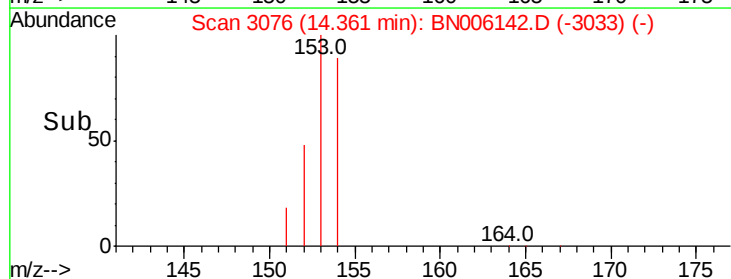
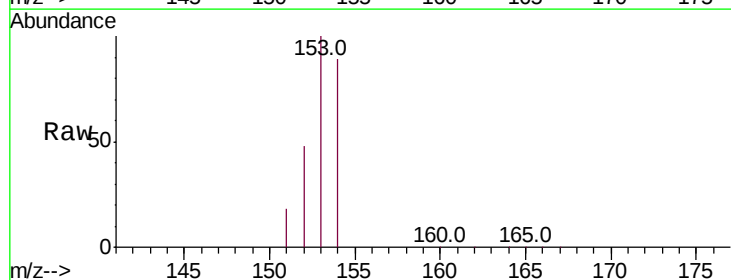
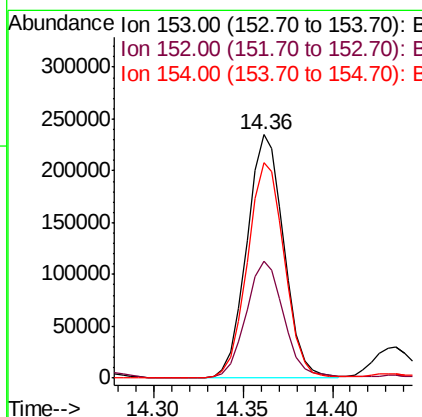
RT: 14.36 min Scan# 3076

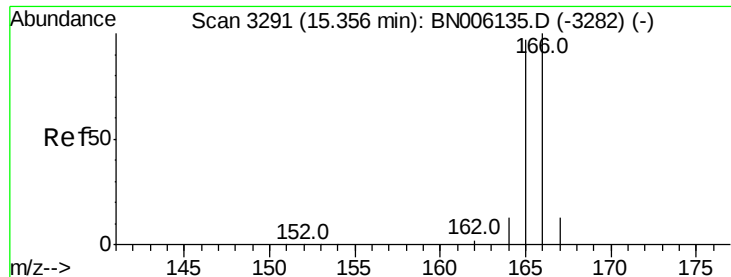
Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Tgt Ion:	153	Resp:	339696
Ion Ratio	Lower	Upper	
153	100		
152	47.8	39.1	58.7
154	88.6	71.1	106.7





#9

Fluorene

Concen: 5.018 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

ClientSampleId :

C0AC2

Tot Ion:166 Resp: 393475

Ion Ratio Lower Upper

166 100

165 97.2 76.4 114.6

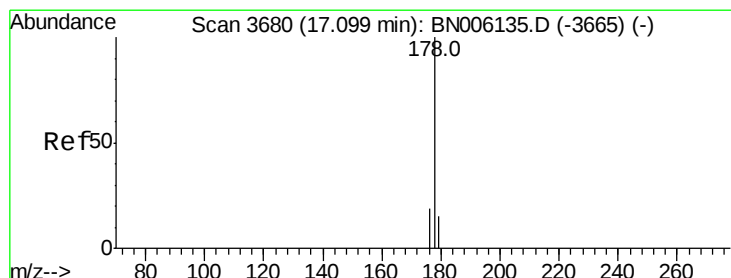
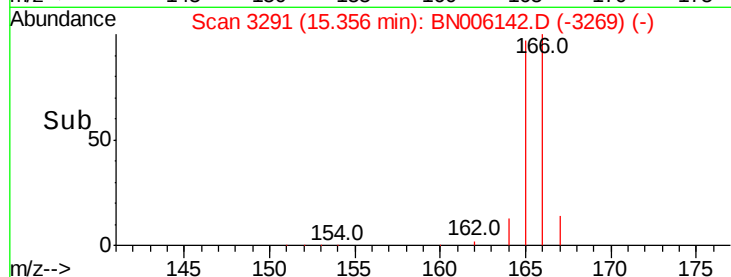
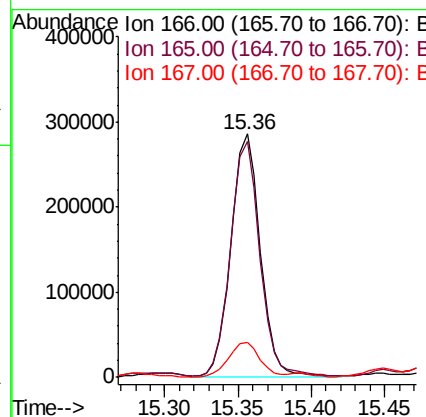
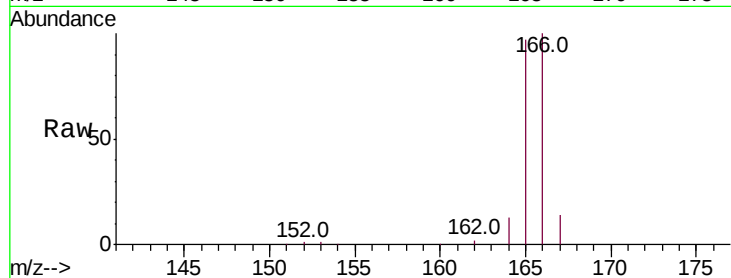
167 14.4 11.0 16.6

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#12

Phenanthrene

Concen: 39.022 ng/ul m

RT: 17.10 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

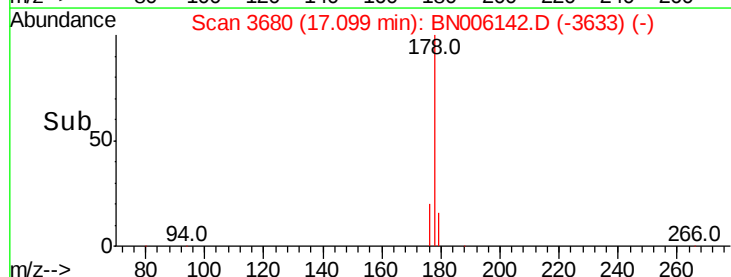
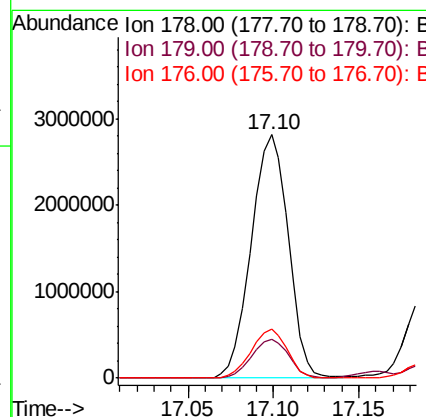
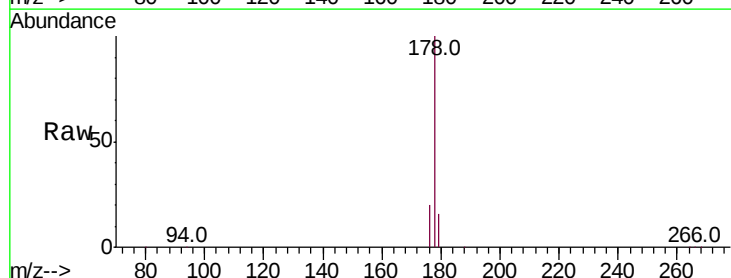
Tgt Ion:178 Resp: 4237780

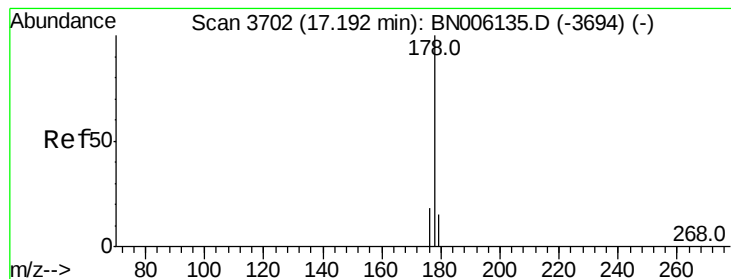
Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

176 20.0 15.3 22.9





#13

Anthracene

Concen: 12.864 ng/ul m

RT: 17.19 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

ClientSampleId :

C0AC2

Tot Ion:178 Resp: 1334146

Ion Ratio Lower Upper

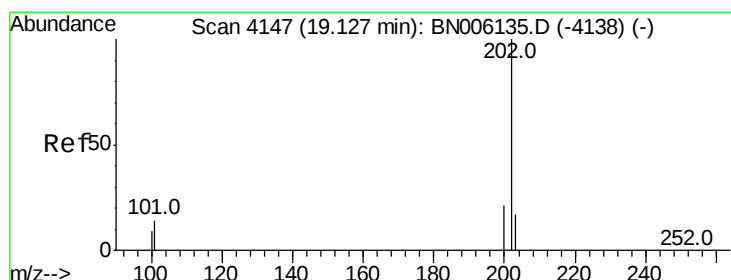
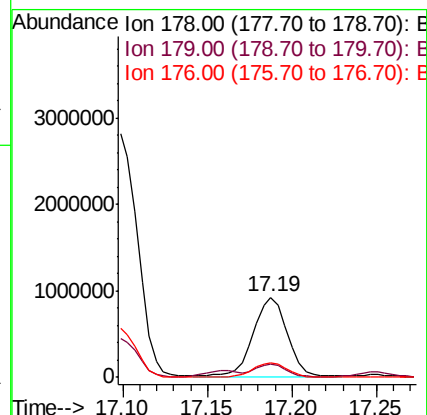
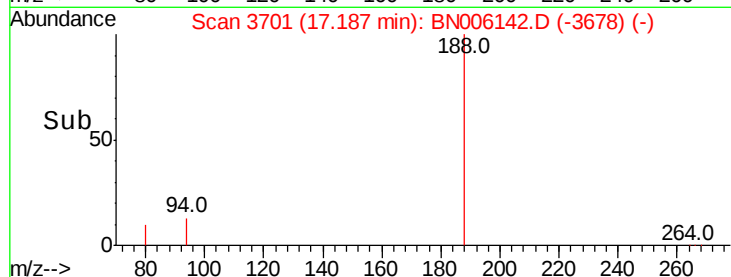
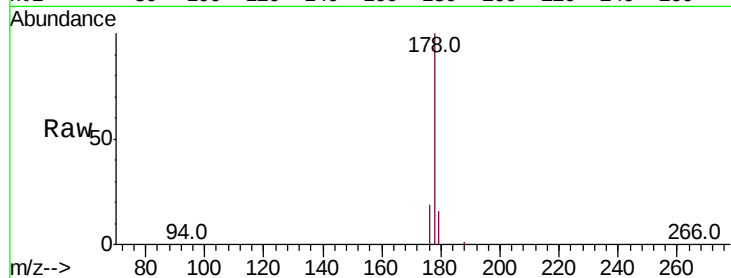
178 100

179 15.7 12.2 18.4

176 18.6 15.1 22.7

Manual Integrations
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#15

Fluoranthene

Concen: 40.329 ng/ul m

RT: 19.13 min Scan# 4147

Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

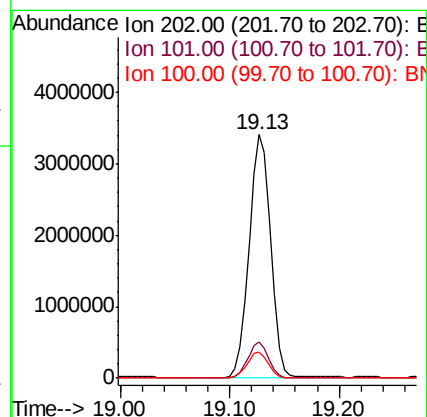
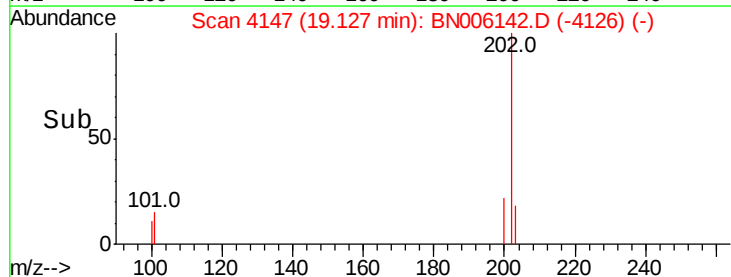
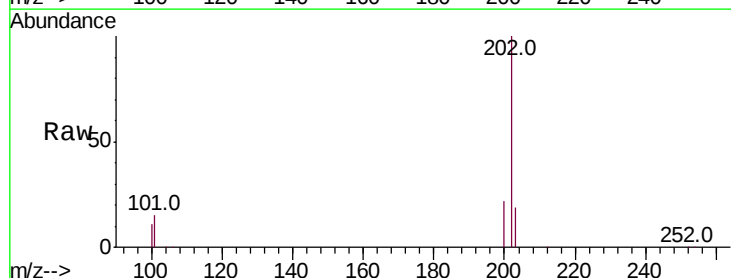
Tgt Ion:202 Resp: 4836298

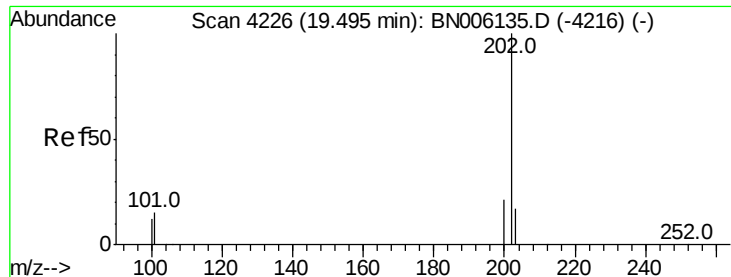
Ion Ratio Lower Upper

202 100

101 14.7 0.0 32.1

100 10.8 0.0 28.7





#17

Pvrene

Concen: 32.987 ng/ul

RT: 19.49 min Scan# 4226

Delta R.T. -0.00 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

ClientSampleId :

C0AC2

Tot Ion:202 Resp: 4118367

Ion Ratio Lower Upper

202 100

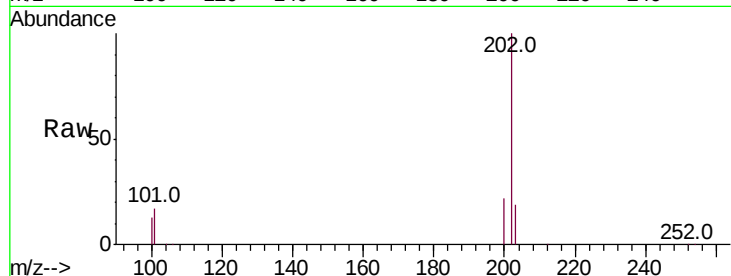
101 16.7 12.2 18.2

100 13.1 9.8 14.6

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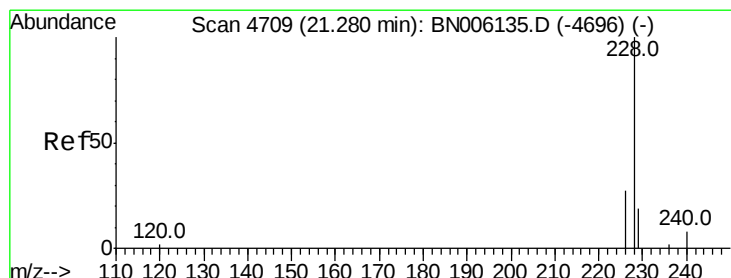
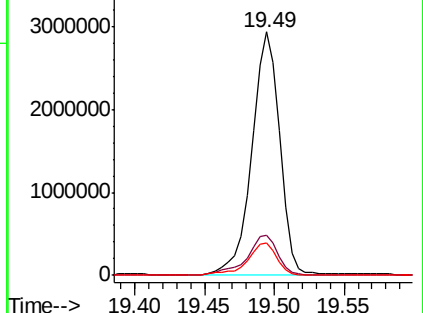
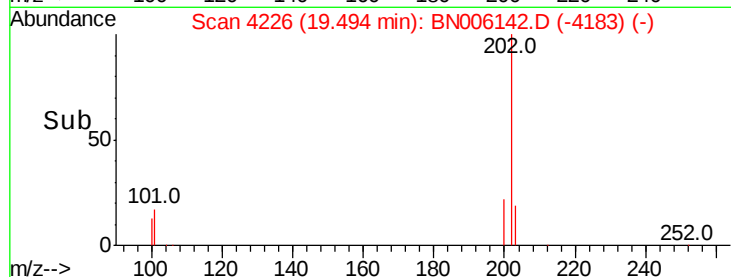
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 23.904 ng/ul m

RT: 21.26 min Scan# 4702

Delta R.T. -0.02 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

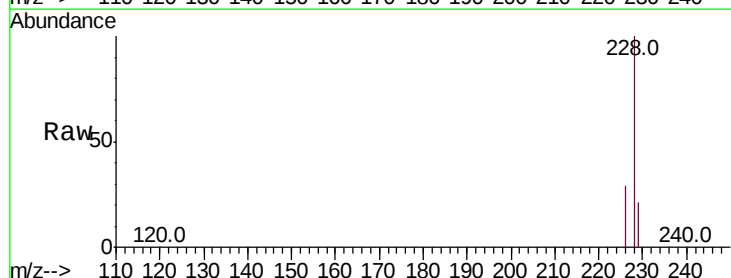
Tgt Ion:228 Resp: 2505883

Ion Ratio Lower Upper

228 100

229 21.2 16.5 24.7

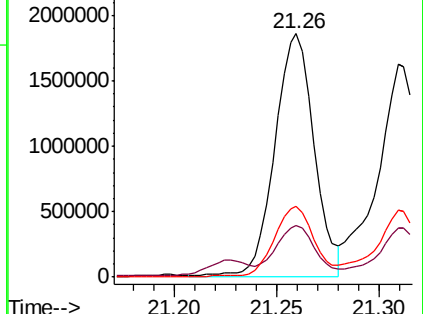
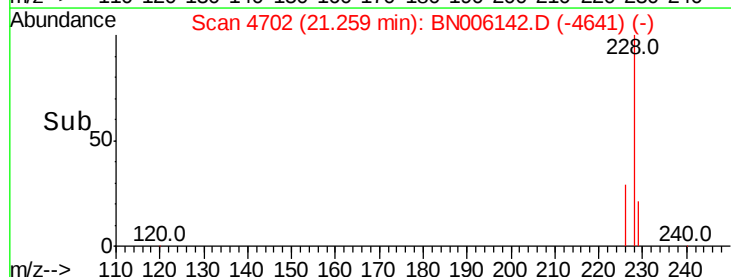
226 29.0 22.8 34.2

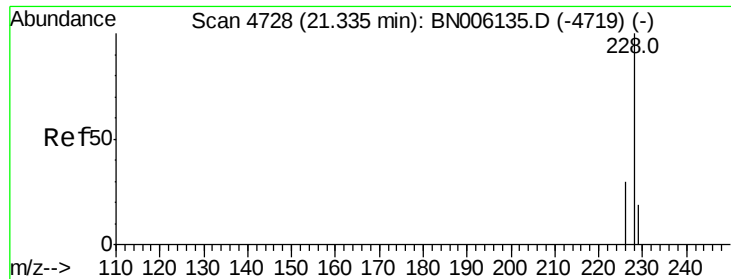


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 23.250 ng/ul

RT: 21.31 min Scan# 4719

Delta R.T. -0.03 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

Instrument :

BNA_N

ClientSampled :

C0AC2

Tot Ion:228 Resp: 2288068

Ion Ratio Lower Upper

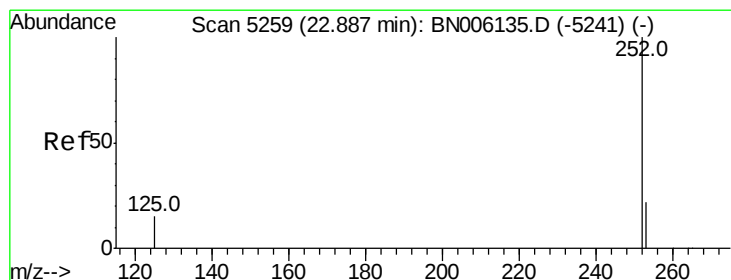
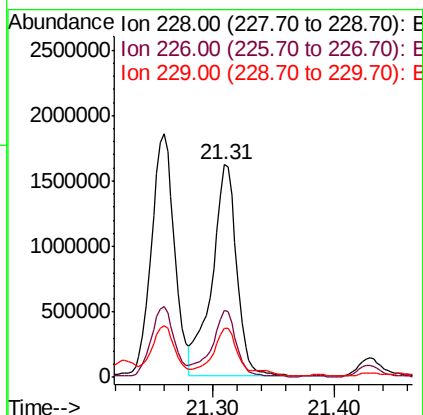
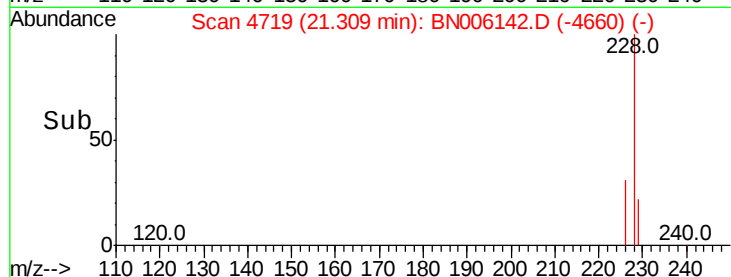
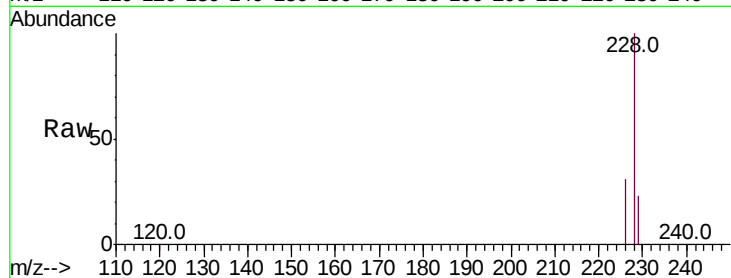
228 100

226 31.4 25.0 37.6

229 23.1 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 22.728 ng/ul m

RT: 22.85 min Scan# 5245

Delta R.T. -0.04 min

Lab File: BN006142.D

Acq: 06 Jun 2019 18:51

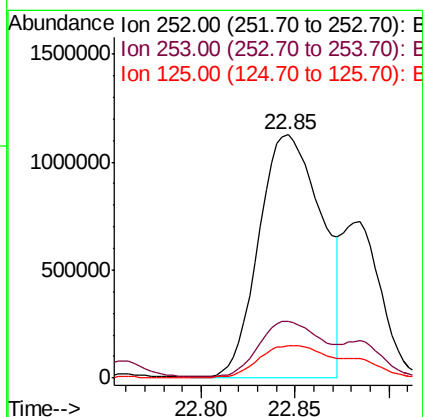
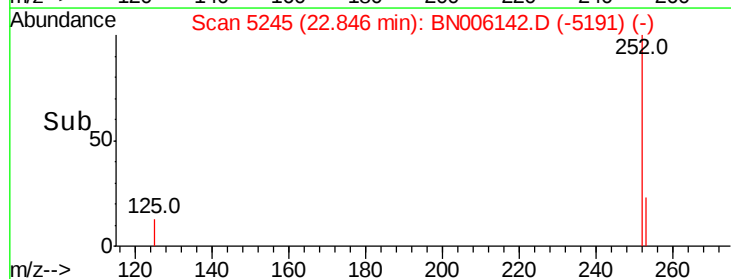
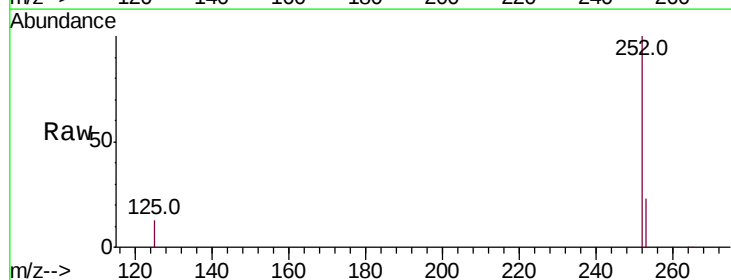
Tgt Ion:252 Resp: 2648807

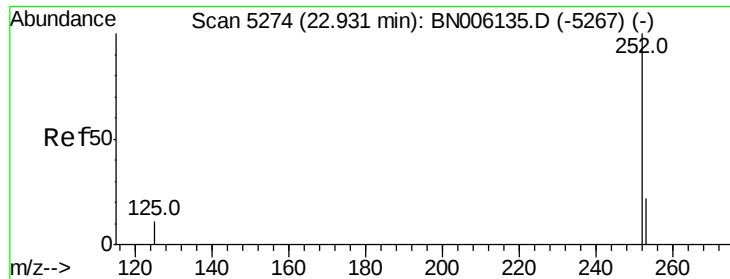
Ion Ratio Lower Upper

252 100

253 23.2 0.0 51.4

125 13.4 0.0 41.0





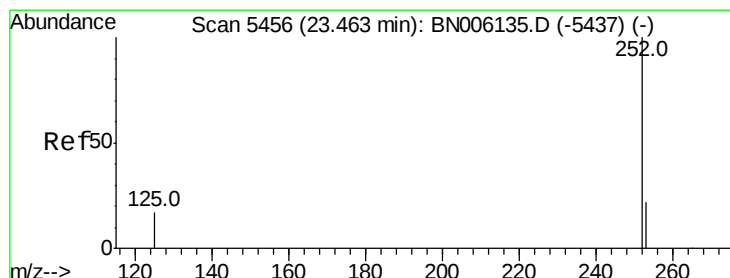
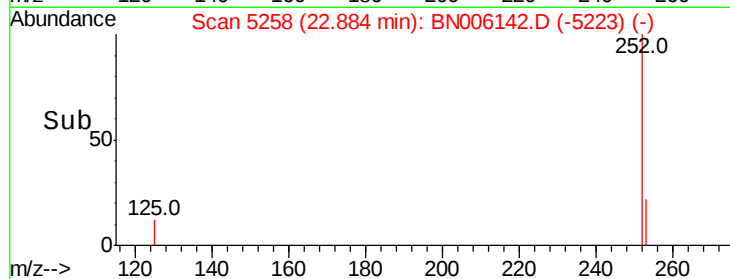
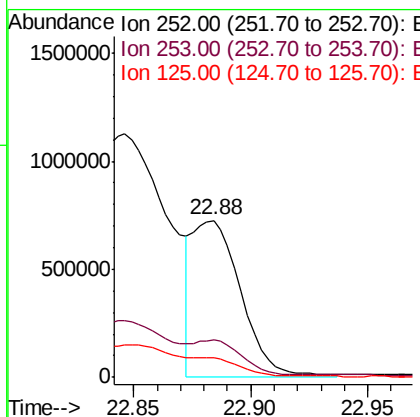
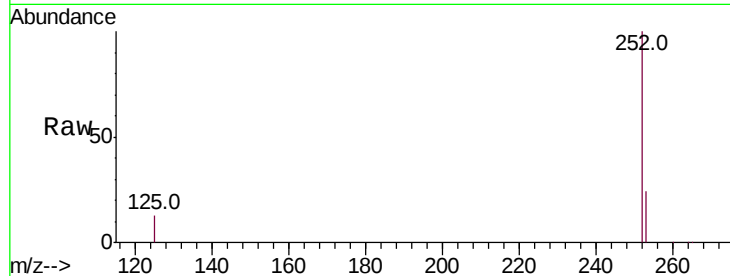
#22
Benzo(k)fluoranthene
Concen: 9.189 ng/ul m
RT: 22.88 min Scan# 5258
Delta R.T. -0.05 min
Lab File: BN006142.D
Acq: 06 Jun 2019 18:51

Instrument :
BNA_N
ClientSampleId :
C0AC2

Tot Ion:252 Resp: 1043169
Ion Ratio Lower Upper
252 100
253 23.9 20.3 30.5
125 12.7 14.3 21.5#

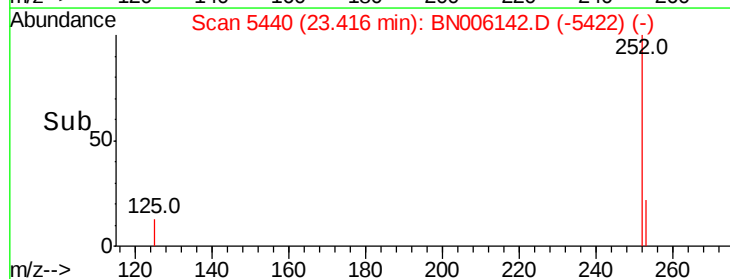
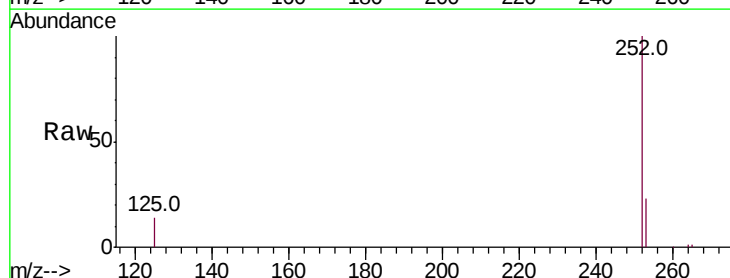
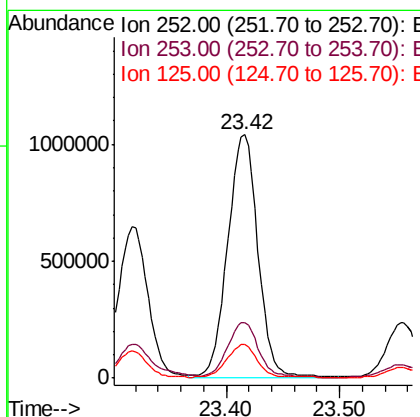
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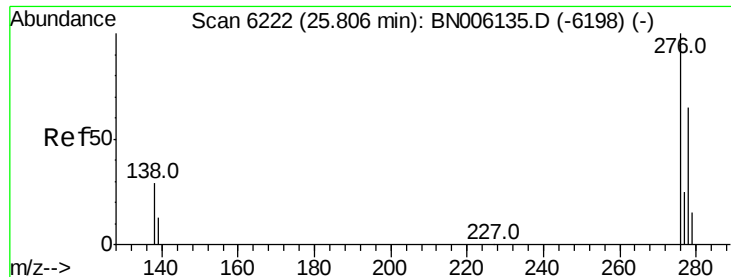
mohammad
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#23
Benzo(a)pyrene
Concen: 17.921 ng/ul m
RT: 23.42 min Scan# 5440
Delta R.T. -0.05 min
Lab File: BN006142.D
Acq: 06 Jun 2019 18:51

Tgt Ion:252 Resp: 1945159
Ion Ratio Lower Upper
252 100
253 23.0 21.1 31.7
125 13.7 20.3 30.5#





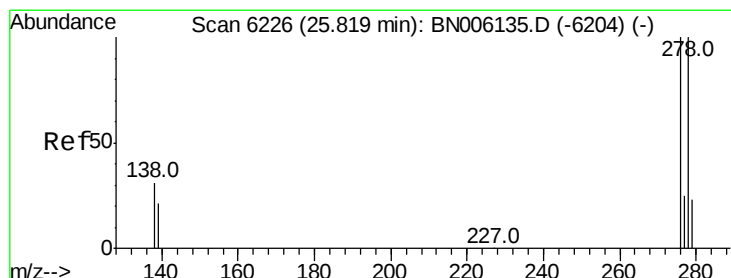
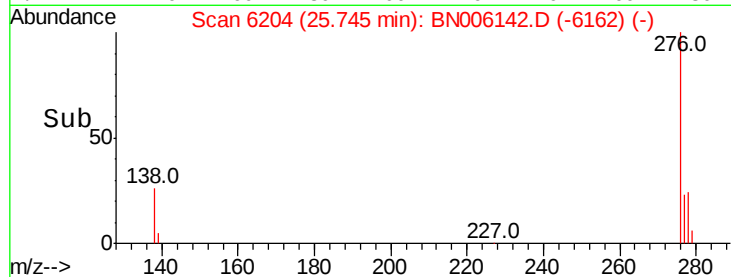
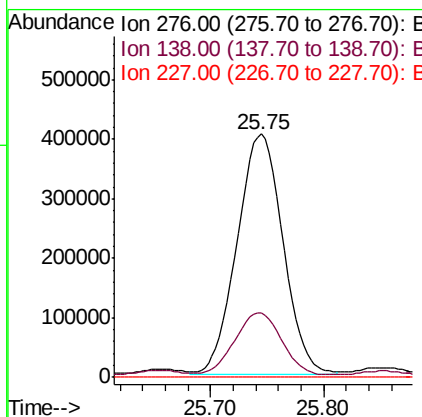
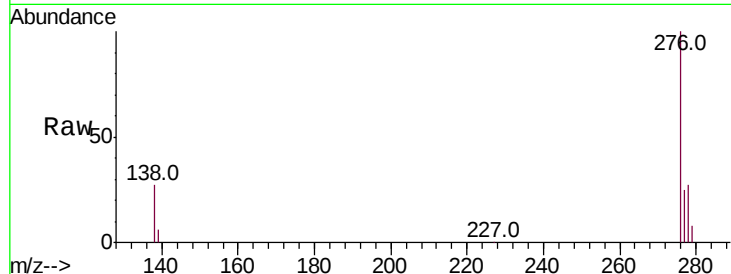
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 9.606 ng/ul m
 RT: 25.75 min Scan# 6204
 Delta R.T. -0.06 min
 Lab File: BN006142.D
 Acq: 06 Jun 2019 18:51

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Tot Ion:276 Resp: 1128574
 Ion Ratio Lower Upper
 276 100
 138 2.1 25.6 38.4#
 227 0.0 0.3 0.5#

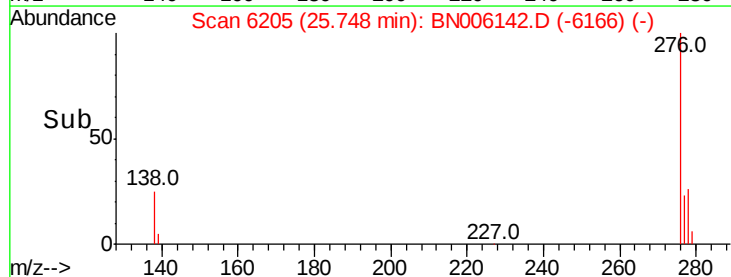
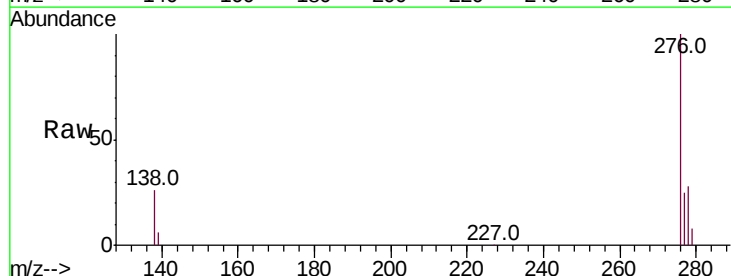
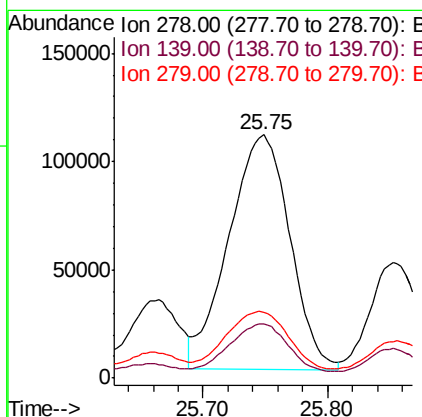
Manual Integrations
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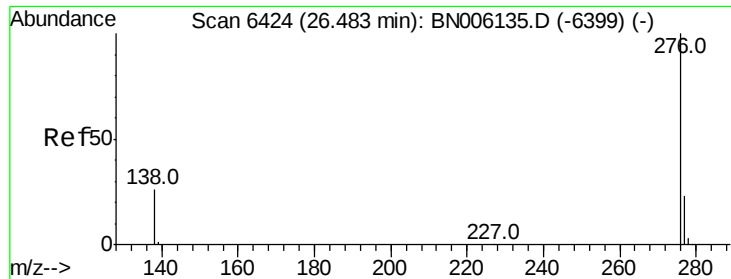
mohammad
 6/11/2019 5:07:19 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 3.922 ng/ul m
 RT: 25.75 min Scan# 6205
 Delta R.T. -0.07 min
 Lab File: BN006142.D
 Acq: 06 Jun 2019 18:51

Tgt Ion:278 Resp: 368355
 Ion Ratio Lower Upper
 278 100
 139 22.1 21.2 31.8
 279 27.1 22.6 33.8





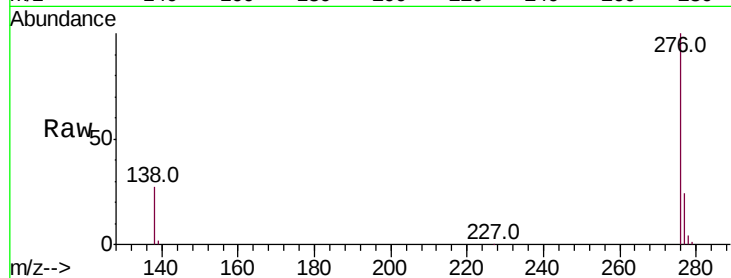
#26
Benzo(a,h,i)perylene
Concen: 8.267 ng/ul
RT: 26.43 min Scan# 6409
Delta R.T. -0.05 min
Lab File: BN006142.D
Acq: 06 Jun 2019 18:51

Instrument :
BNA_N
ClientSampleId :
C0AC2

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.8	24.2	36.4
277	24.3	21.5	32.3

Manual Integrations
APPROVED

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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

