

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006234.D
 Acq On : 10 Jun 2019 21:45
 Operator : JU/SJ
 Sample : K3017-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F2

Manual Integrations
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 6/11/2019 4:28:54 PM

Quant Time: Jun 11 02:17:39 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	4884	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18080	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8978	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18105m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14288m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	17989	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4890	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10464m	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	4804	0.096	ng/ul#	95
5) 2-Methylnaphthalene	12.10	142	1304	0.038	ng/ul	100
7) Acenaphthylene	14.01	152	18932	0.379	ng/ul	99
8) Acenaphthene	14.36	153	2105	0.061	ng/ul	95
9) Fluorene	15.35	166	2854	0.070	ng/ul#	95
11) Pentachlorophenol	16.71	266	204m	0.044	ng/ul	
12) Phenanthrene	17.09	178	257132m	4.424	ng/ul	
13) Anthracene	17.18	178	18342m	0.330	ng/ul	
15) Fluoranthene	19.12	202	636361m	9.916	ng/ul	
17) Pyrene	19.49	202	428858	5.698	ng/ul	99
18) Benzo(a)anthracene	21.24	228	65154m	1.031	ng/ul	
19) Chrysene	21.30	228	233959	3.944	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	254676m	3.395	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	90695m	1.241	ng/ul	
23) Benzo(a)pyrene	23.39	252	88205	1.263	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.72	276	91980	1.216	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.73	278	16978	0.281	ng/ul#	92
26) Benzo(g,h,i)perylene	26.41	276	80544	1.272	ng/ul	95

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

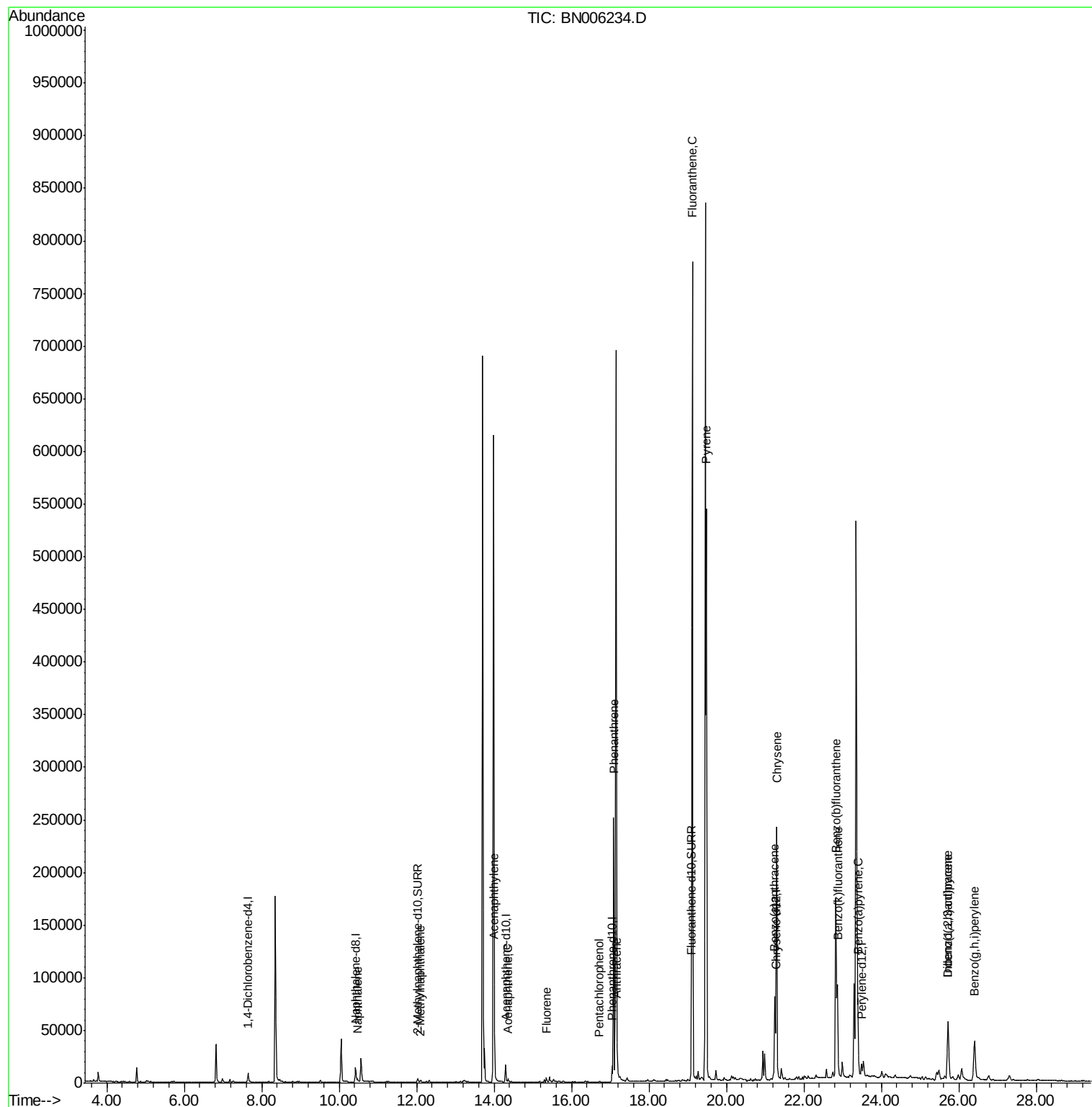
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
Data File : BN006234.D
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ALS Vial : 22 Sample Multiplier: 1

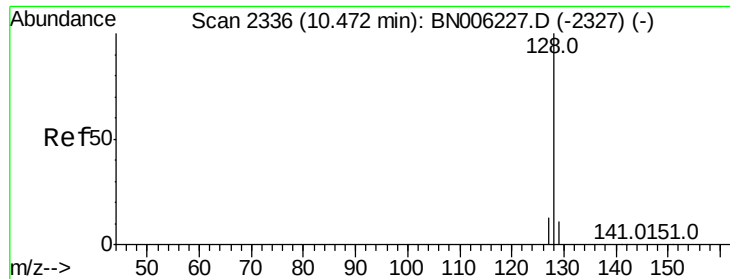
Instrument :
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#3

Naphthalene

Concen: 0.096 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006234.D

Acq: 10 Jun 2019 21:45

Instrument :

BNA_N

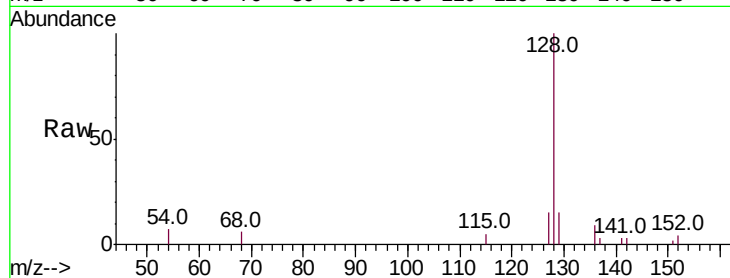
ClientSampleId :

A51F2

Tot Ion:	128	Resp:	4804
Ion Ratio	Lower	Upper	
128	100		
129	14.6	9.3	13.9#
127	14.8	10.7	16.1

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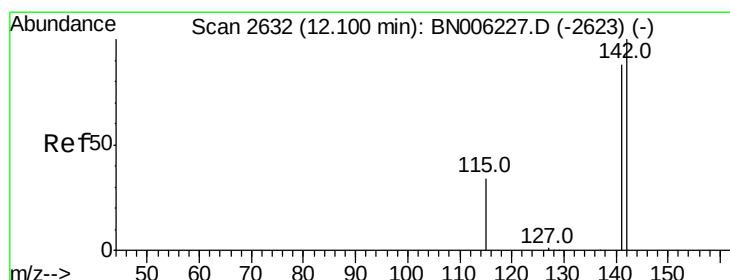
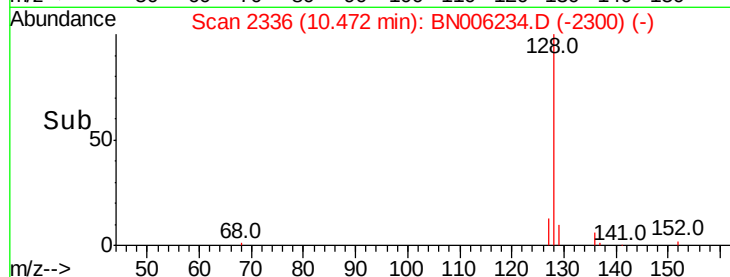
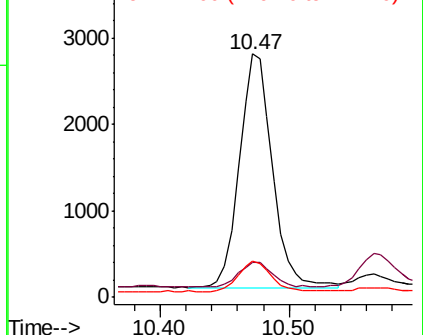
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.038 ng/ul

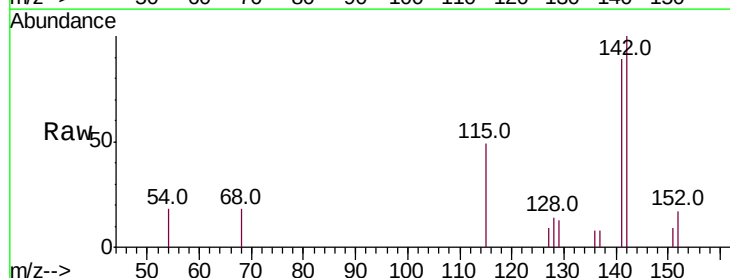
RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006234.D

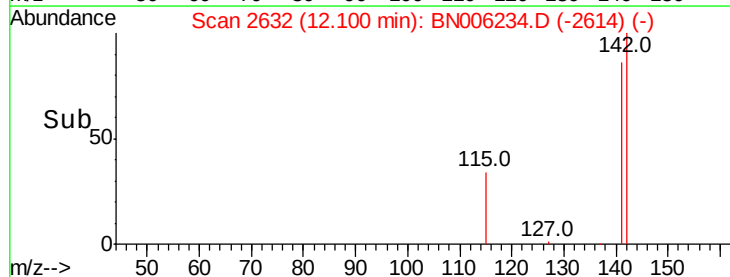
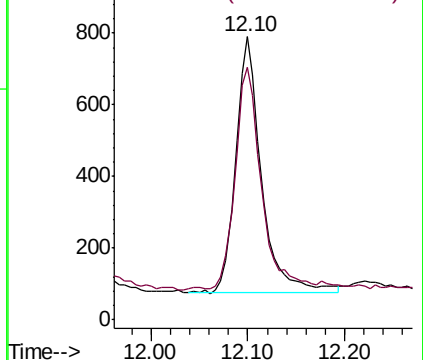
Acq: 10 Jun 2019 21:45

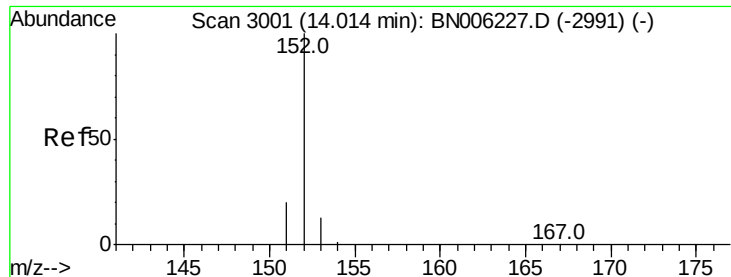
Tgt Ion:	142	Resp:	1304
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.379 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006234.D

Acq: 10 Jun 2019 21:45

Instrument :

BNA_N

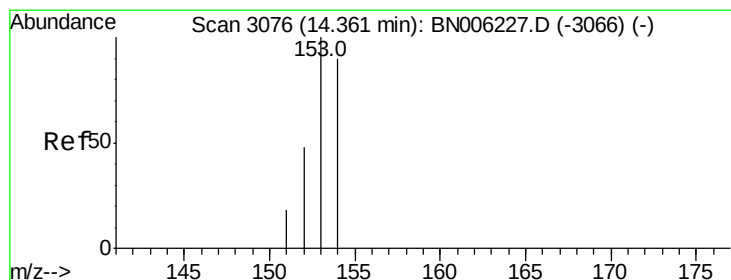
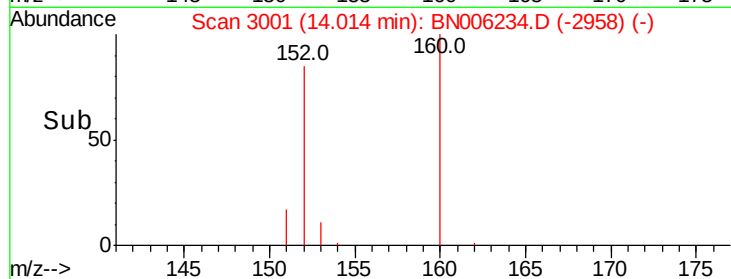
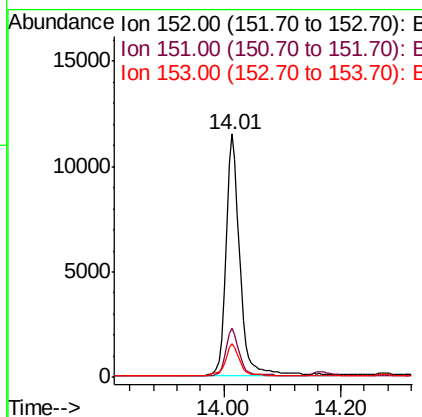
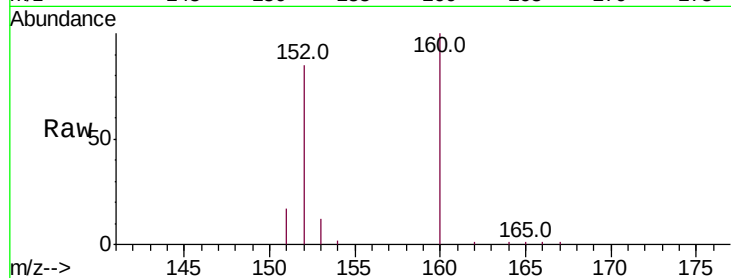
ClientSampleId :

A51F2

Tot Ion:	152	Resp:	18932
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	13.7	10.8	16.2

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#8

Acenaphthene

Concen: 0.061 ng/ul

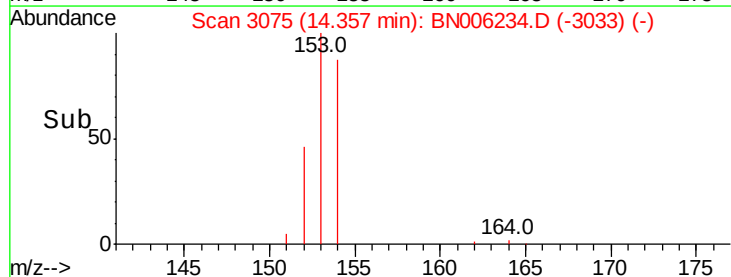
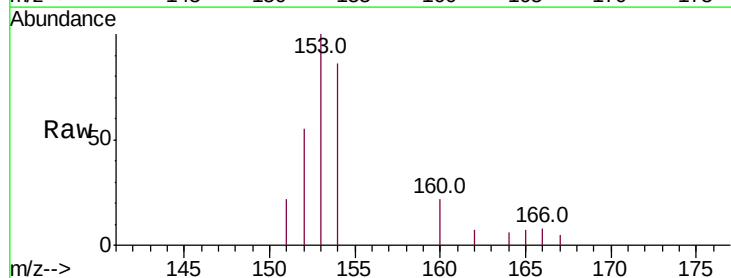
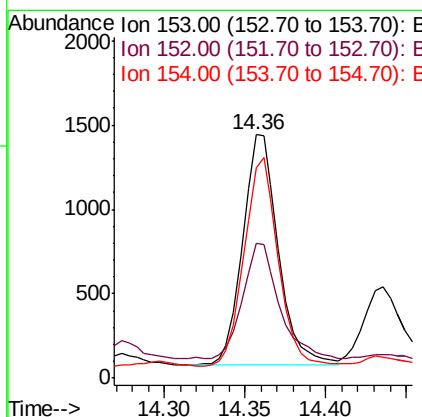
RT: 14.36 min Scan# 3075

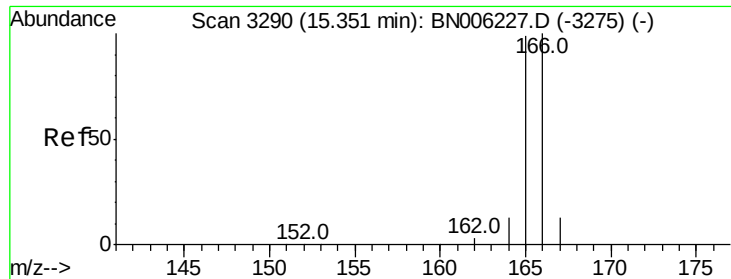
Delta R.T. -0.00 min

Lab File: BN006234.D

Acq: 10 Jun 2019 21:45

Tgt Ion:	153	Resp:	2105
Ion Ratio	Lower	Upper	
153	100		
152	55.2	39.1	58.7
154	86.5	71.1	106.7





#9

Fluorene

Concen: 0.070 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006234.D

Acq: 10 Jun 2019 21:45

Instrument :

BNA_N

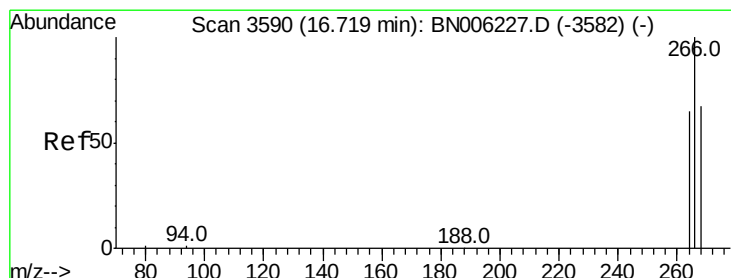
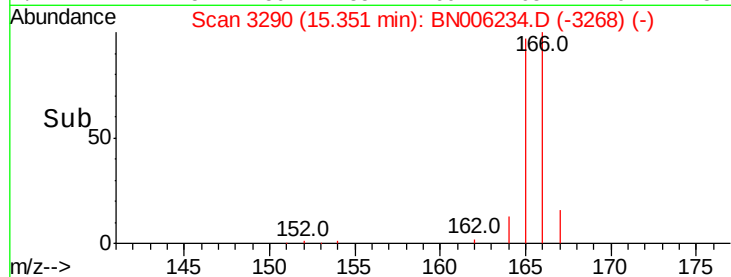
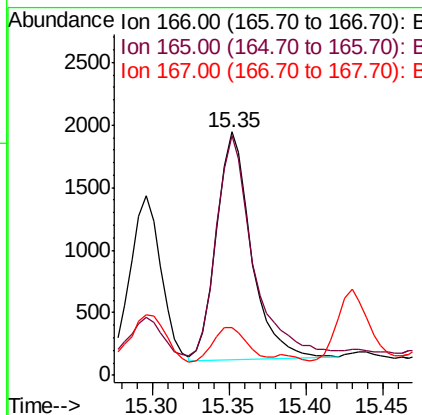
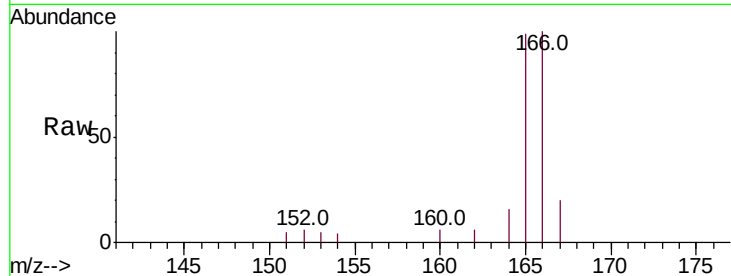
ClientSampleId :

A51F2

Tot Ion:	166	Resp:	2854
Ion Ratio	Lower	Upper	
166	100		
165	98.6	76.4	114.6
167	19.9	11.0	16.6#

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#11

Pentachlorophenol

Concen: 0.044 ng/ul m

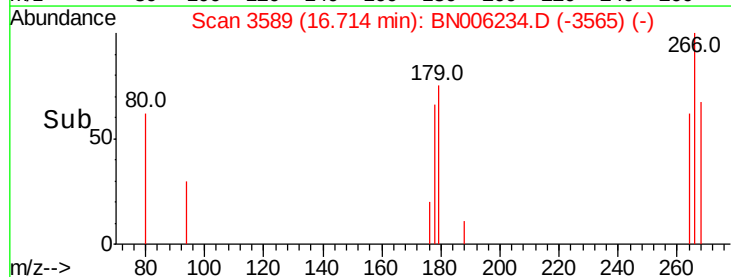
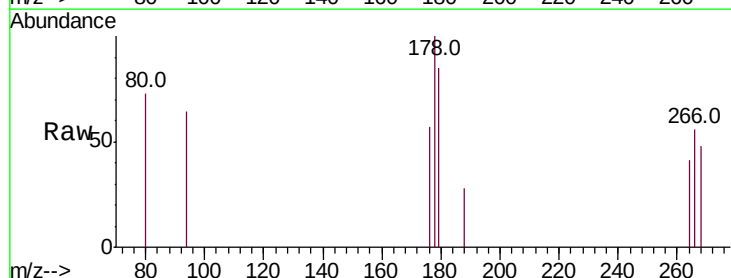
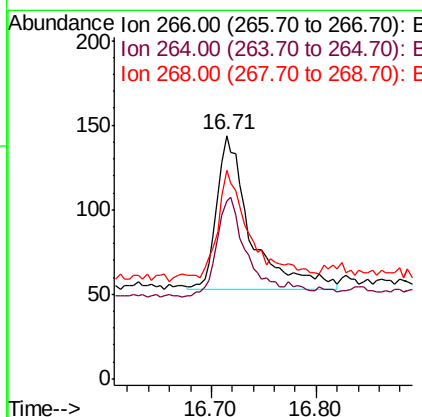
RT: 16.71 min Scan# 3589

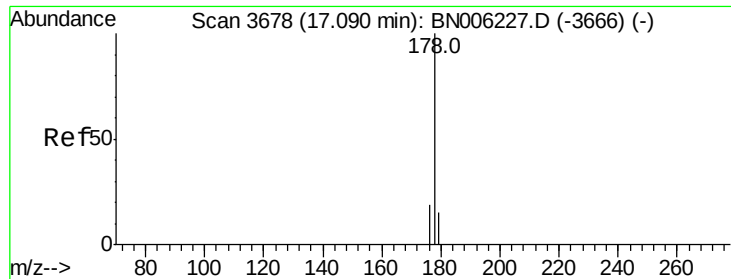
Delta R.T. -0.00 min

Lab File: BN006234.D

Acq: 10 Jun 2019 21:45

Tgt Ion:	266	Resp:	204
Ion Ratio	Lower	Upper	
266	100		
264	0.0	50.3	75.5#
268	3.9	51.3	76.9#





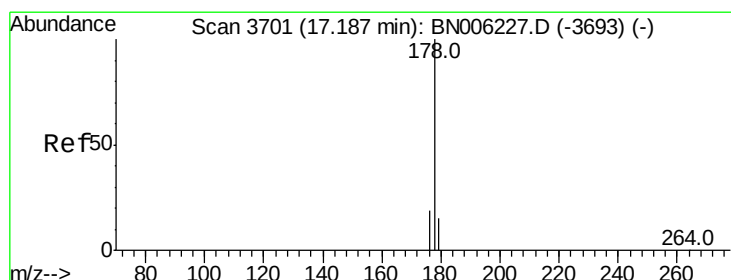
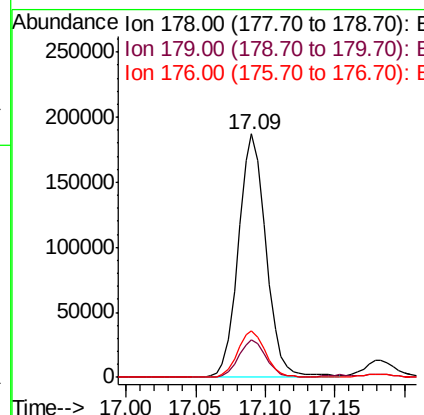
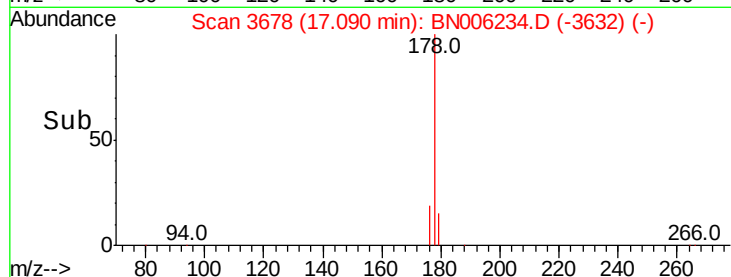
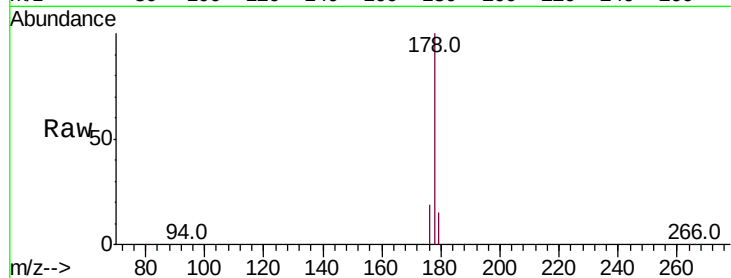
#12
Phenanthrene
Concen: 4.424 ng/ul m
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006234.D
Acq: 10 Jun 2019 21:45

Instrument :
BNA_N
ClientSampleId :
A51F2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.3	22.9

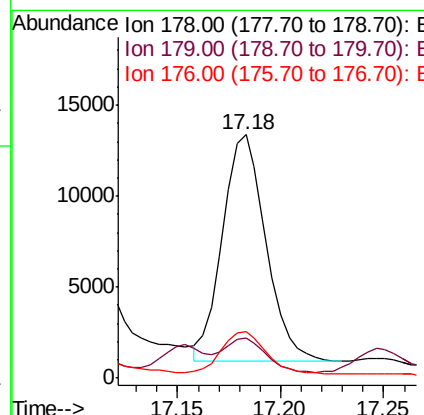
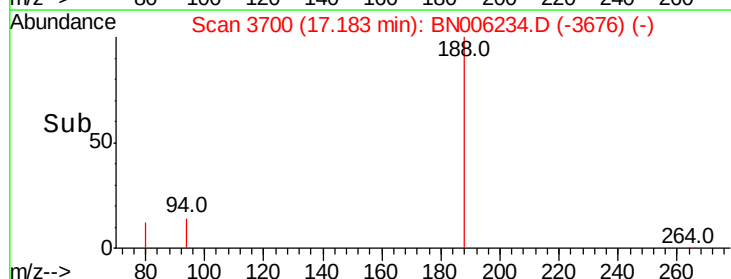
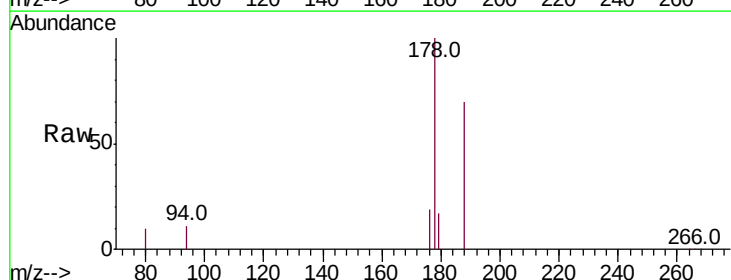
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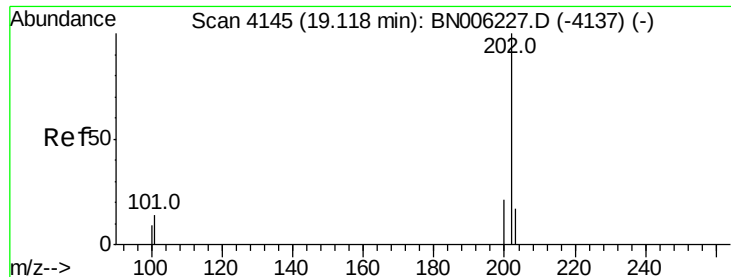
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#13
Anthracene
Concen: 0.330 ng/ul m
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006234.D
Acq: 10 Jun 2019 21:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	19.1	15.1	22.7





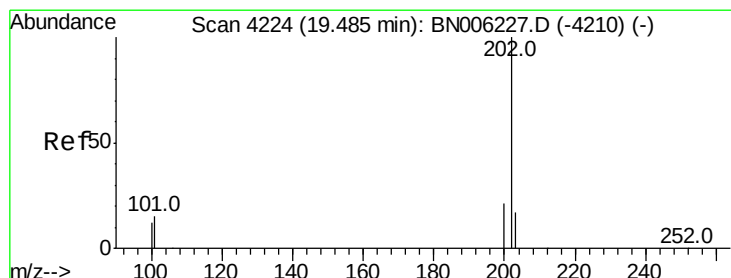
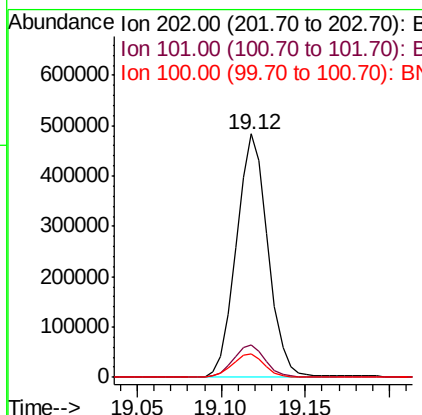
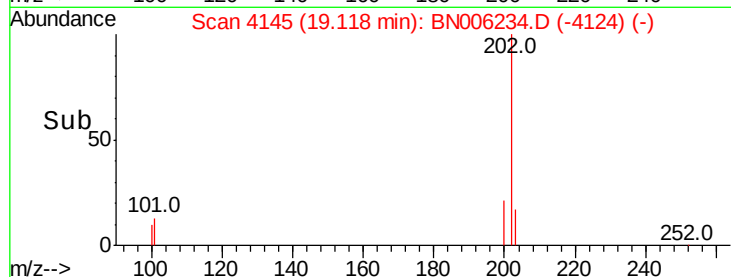
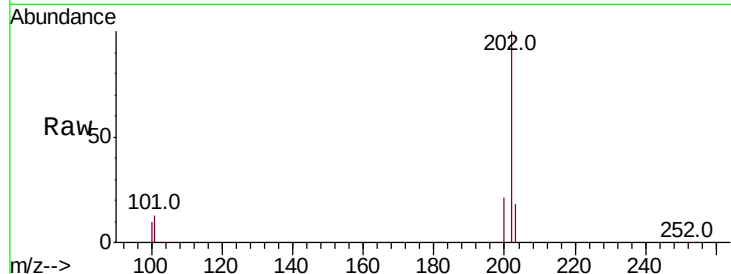
#15
Fluoranthene
Concen: 9.916 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006234.D
Acq: 10 Jun 2019 21:45

Instrument :
BNA_N
ClientSampleId :
A51F2

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.2	0.0	32.1	
100	9.6	0.0	28.7	

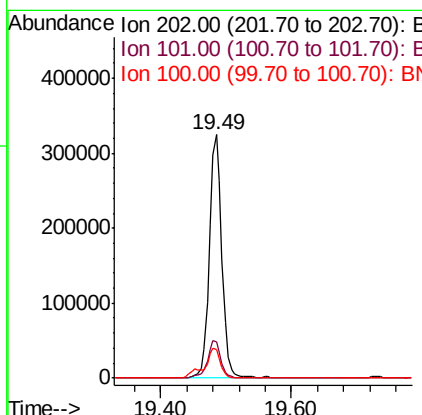
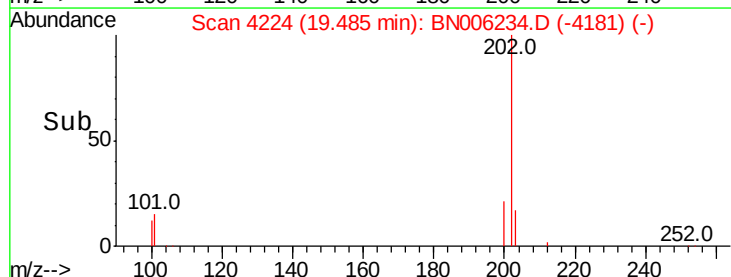
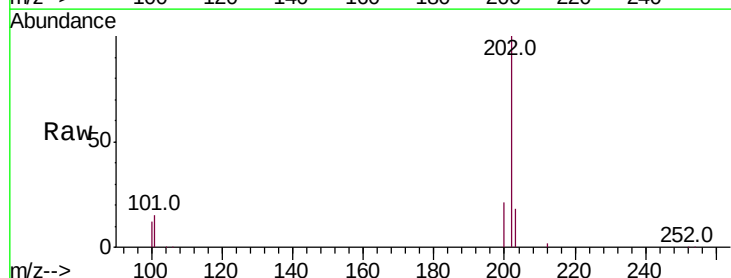
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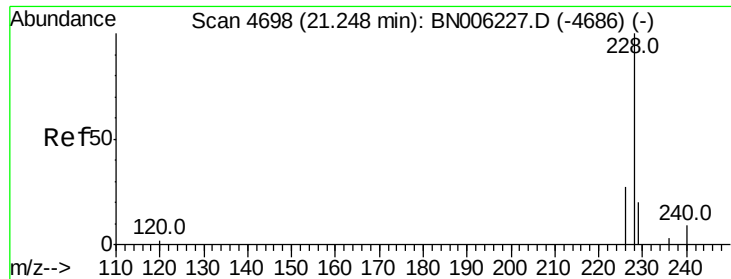
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#17
Pyrene
Concen: 5.698 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006234.D
Acq: 10 Jun 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	15.0	12.2	18.2	
100	11.6	9.8	14.6	





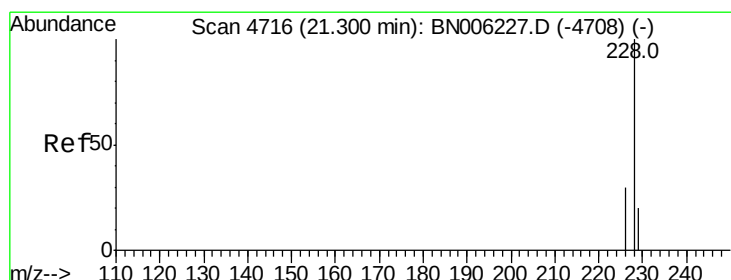
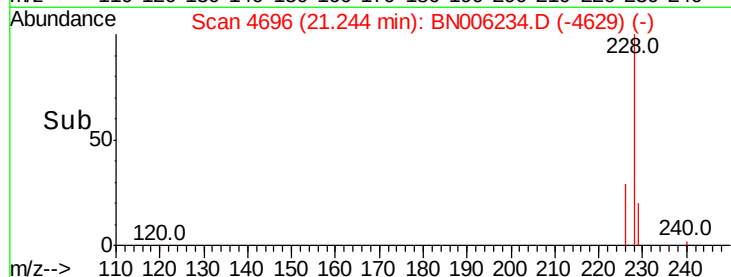
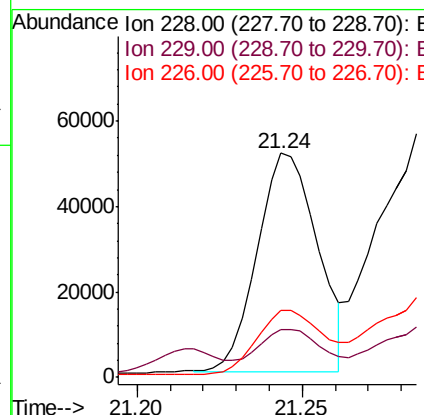
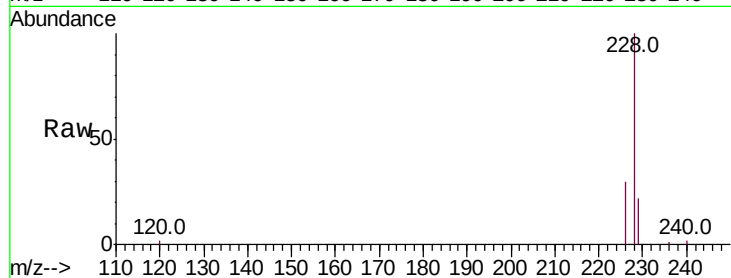
#18
Benzo(a)anthracene
Concen: 1.031 ng/ul m
RT: 21.24 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN006234.D
Acq: 10 Jun 2019 21:45

Instrument :
BNA_N
ClientSampleId :
A51F2

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.5	24.7
226	29.7	22.8	34.2

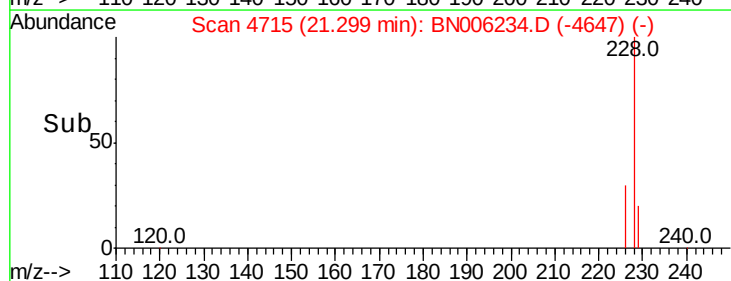
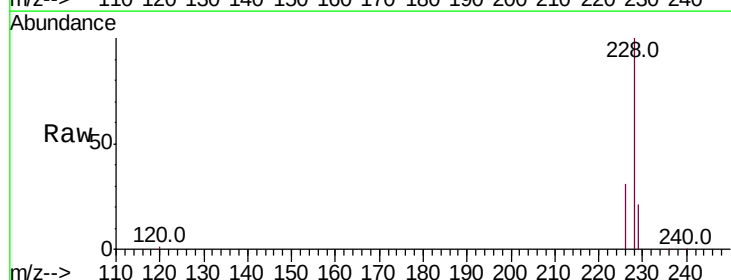
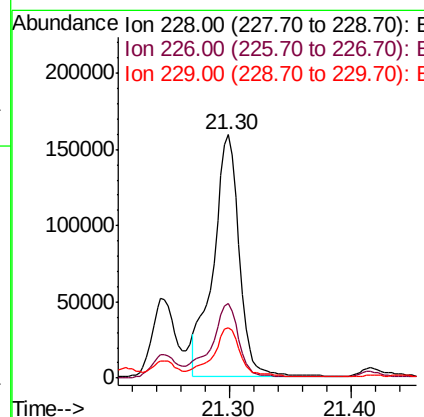
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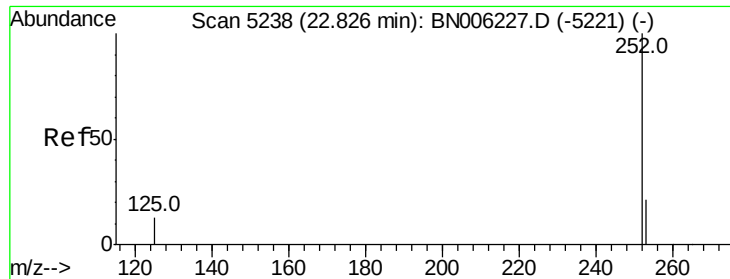
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#19
Chrysene
Concen: 3.944 ng/ul
RT: 21.30 min Scan# 4715
Delta R.T. -0.00 min
Lab File: BN006234.D
Acq: 10 Jun 2019 21:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.5	16.3	24.5





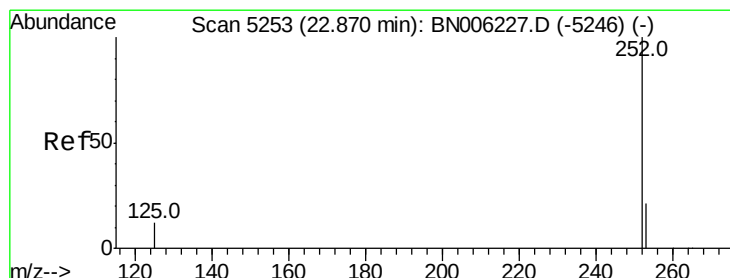
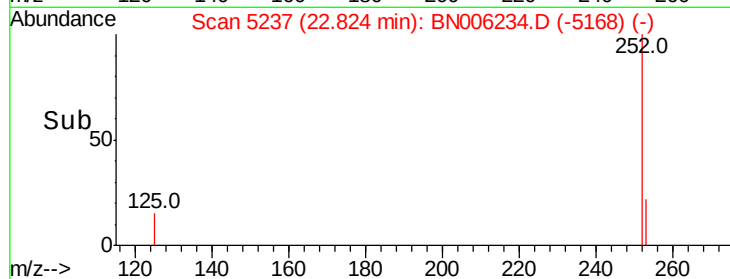
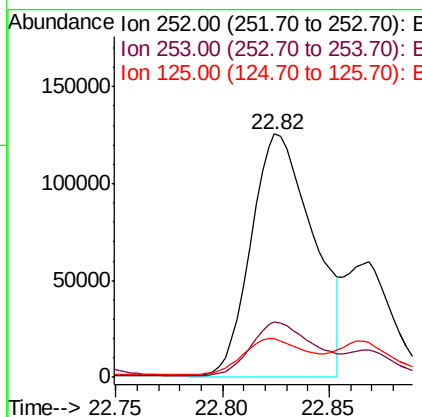
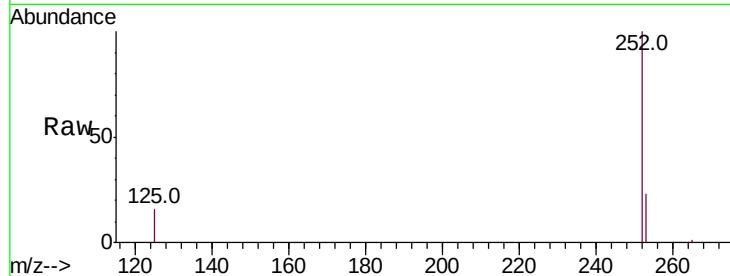
#21
Benzo(b)fluoranthene
Concen: 3.395 ng/ul m
RT: 22.82 min Scan# 5237
Delta R.T. 0.00 min
Lab File: BN006234.D
Acq: 10 Jun 2019 21:45

Instrument :
BNA_N
ClientSampleId :
A51F2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	0.0	51.4
125	16.0	0.0	41.0

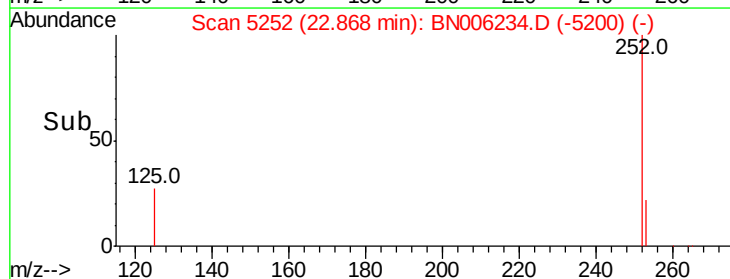
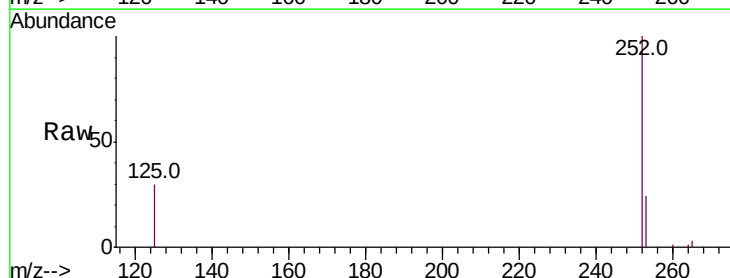
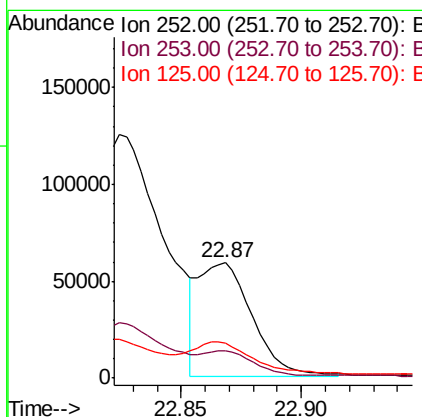
Manual Integrations
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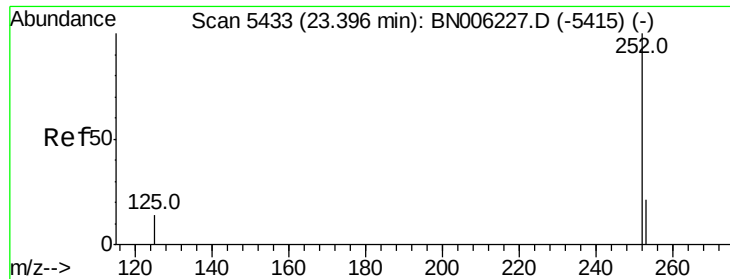
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#22
Benzo(k)fluoranthene
Concen: 1.241 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. 0.00 min
Lab File: BN006234.D
Acq: 10 Jun 2019 21:45

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	20.3	30.5
125	30.1	14.3	21.5





#23

Benzo(a)pyrene

Concen: 1.263 ng/ul

RT: 23.39 min Scan# 5432

Delta R.T. -0.00 min

Lab File: BN006234.D

Acq: 10 Jun 2019 21:45

Instrument :

BNA_N

ClientSampleId :

A51F2

Tot Ion:252 Resp: 88205

Ion Ratio Lower Upper

252 100

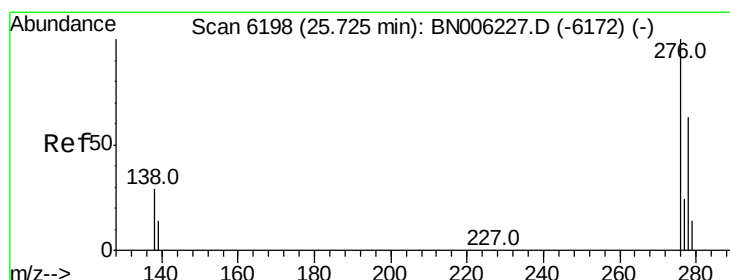
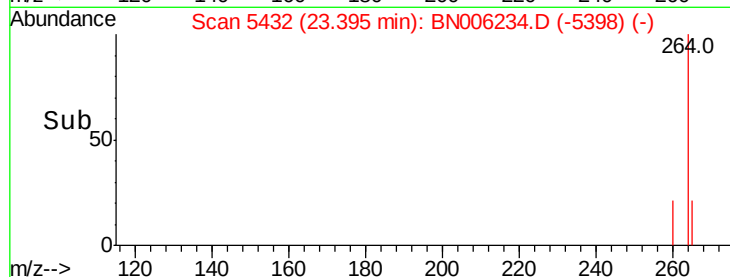
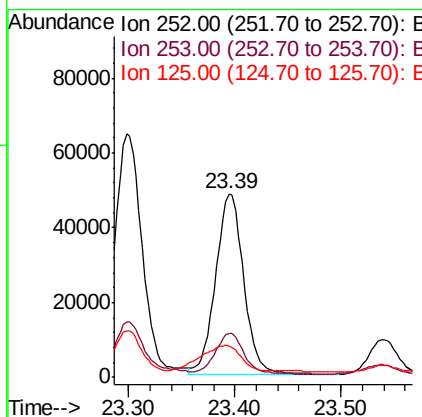
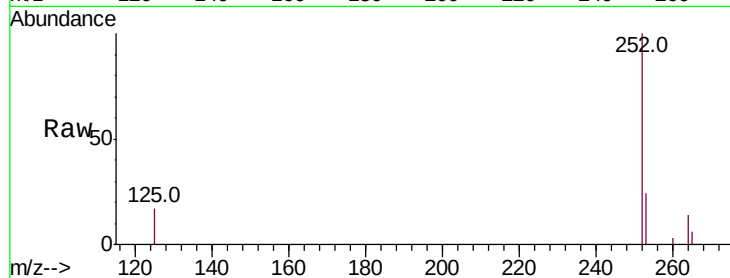
253 23.8 21.1 31.7

125 17.2 20.3 30.5#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.216 ng/ul

RT: 25.72 min Scan# 6197

Delta R.T. -0.00 min

Lab File: BN006234.D

Acq: 10 Jun 2019 21:45

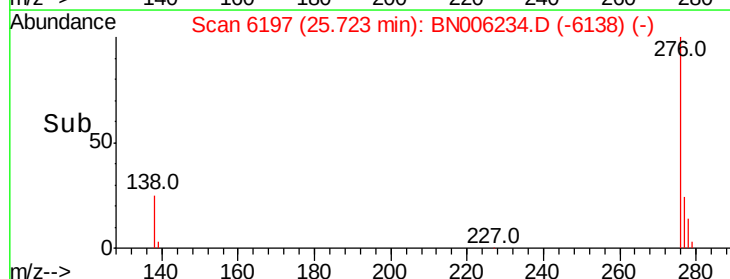
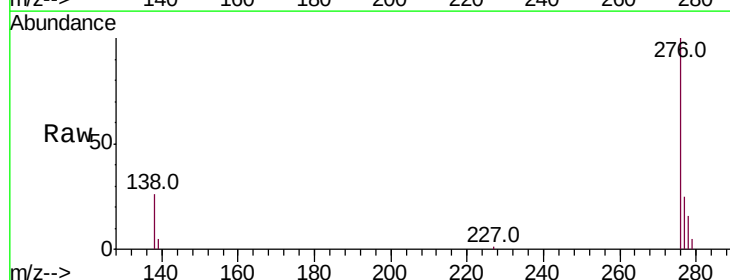
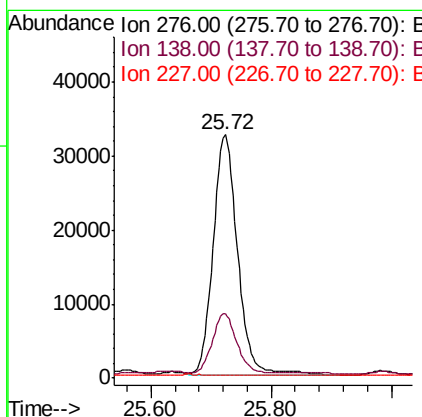
Tgt Ion:276 Resp: 91980

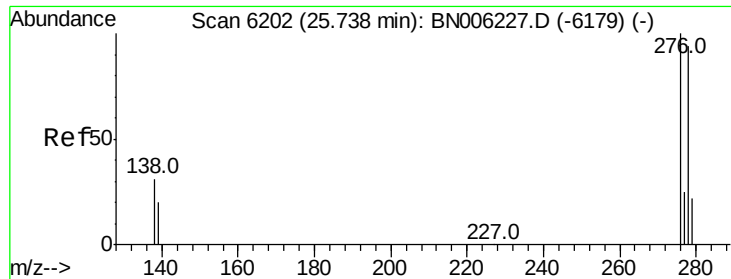
Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

227 0.0 0.3 0.5#





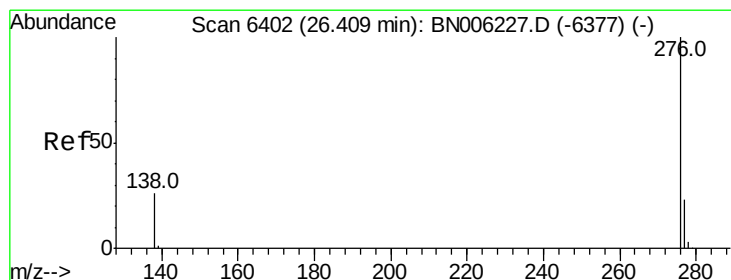
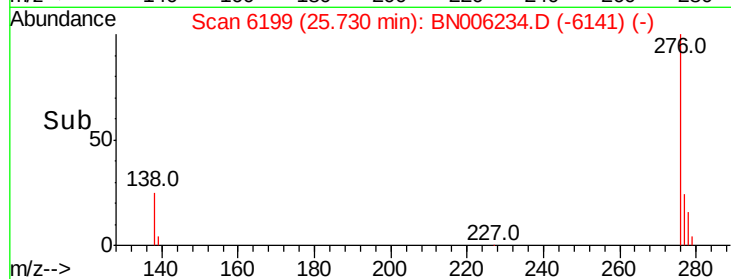
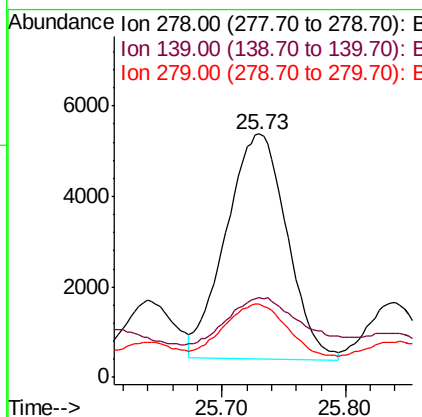
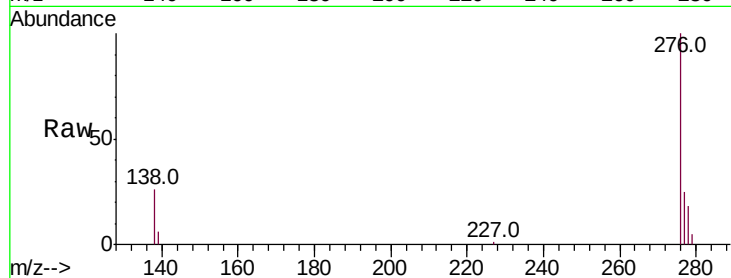
#25
Dibenzo(a,h)anthracene
Concen: 0.281 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.01 min
Lab File: BN006234.D
Acq: 10 Jun 2019 21:45

Instrument :
BNA_N
ClientSampleId :
A51F2

Tot Ion	Ratio	Lower	Upper
278	100		
139	32.8	21.2	31.8#
279	30.2	22.6	33.8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:28:54 PM



#26
Benzo(g,h,i)perylene
Concen: 1.272 ng/ul
RT: 26.41 min Scan# 6401
Delta R.T. 0.00 min
Lab File: BN006234.D
Acq: 10 Jun 2019 21:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	24.2	36.4
277	24.3	21.5	32.3

