

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006166.D
 Acq On : 07 Jun 2019 14:41
 Operator : JU/SJ
 Sample : K3201-11DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2DL

Manual Integrations
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Quant Time: Jun 07 16:54:12 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 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4508	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	17008	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8601	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18033	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	14843	0.40	ng/ul	0.02
20) Perylene-d12	23.53	264	24297	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1487	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3596	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	38391	0.818	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	21071	0.644	ng/ul	100
7) Acenaphthylene	14.01	152	21962	0.459	ng/ul	97
8) Acenaphthene	14.36	153	58343	1.759	ng/ul	98
9) Fluorene	15.35	166	68374	1.762	ng/ul	98
12) Phenanthrene	17.09	178	874095	15.100	ng/ul	100
13) Anthracene	17.18	178	218105	3.945	ng/ul	99
15) Fluoranthene	19.13	202	1035789	16.205	ng/ul	97
17) Pyrene	19.49	202	865964	11.076	ng/ul	97
18) Benzo(a)anthracene	21.27	228	494027	7.525	ng/ul	99
19) Chrysene	21.32	228	455334	7.388	ng/ul	97
21) Benzo(b)fluoranthene	22.86	252	520230m	5.135	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	214074m	2.169	ng/ul	
23) Benzo(a)pyrene	23.43	252	362358	3.840	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.77	276	210160m	2.058	ng/ul	
25) Dibenzo(a,h)anthracene	25.77	278	65974	0.808	ng/ul	97
26) Benzo(a,h,i)perylene	26.45	276	153298	1.792	ng/ul	94

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

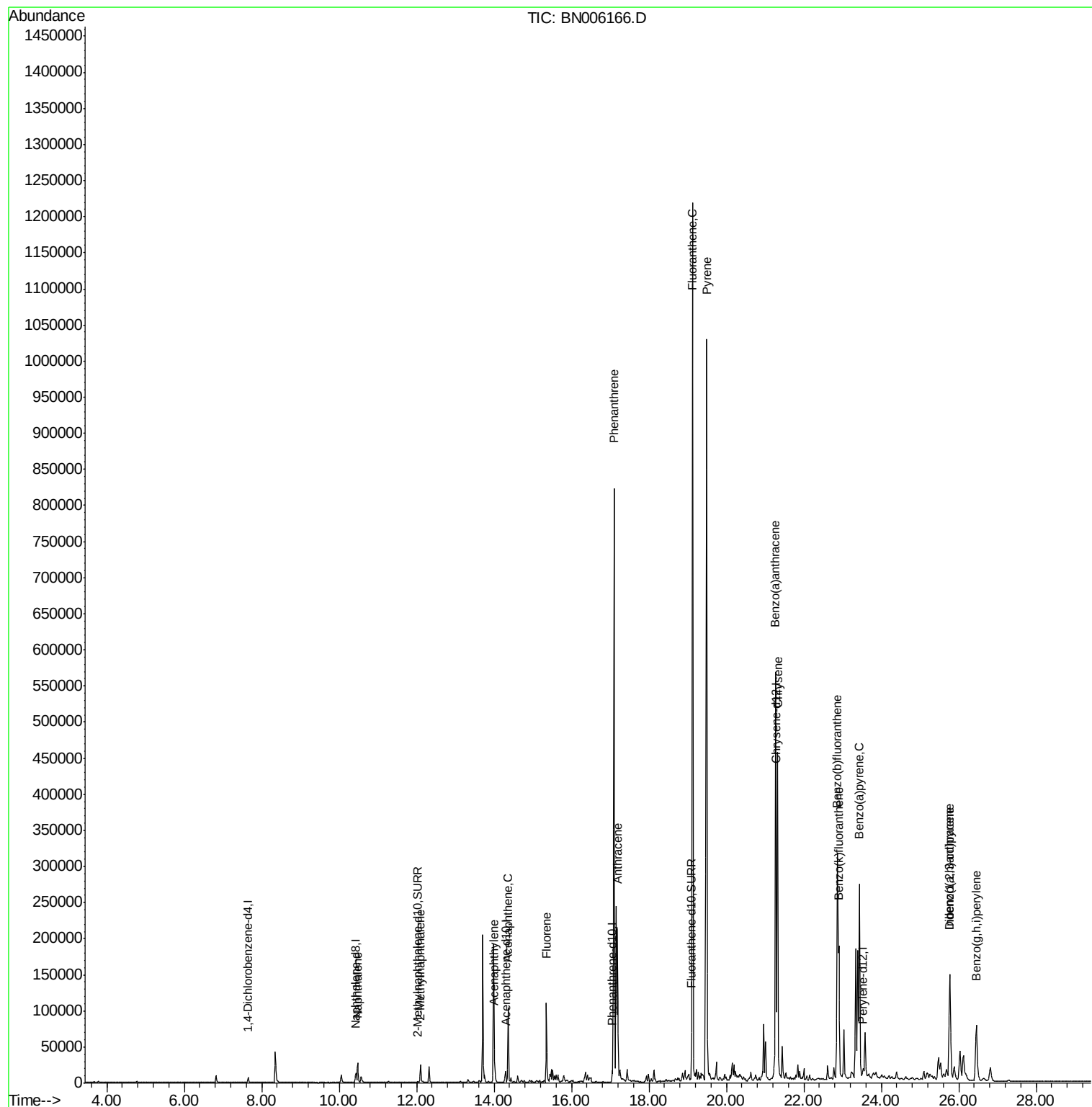
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006166.D
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ALS Vial : 32 Sample Multiplier: 1

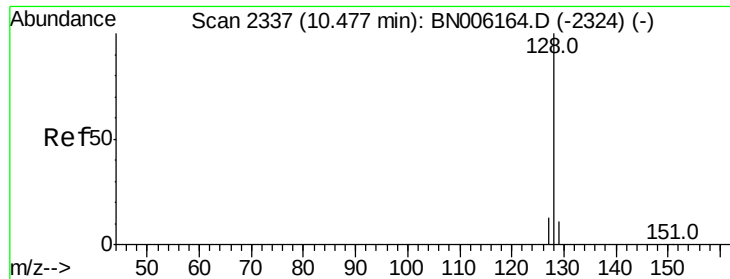
Instrument :
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Quant Time: Jun 07 16:54:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
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#3

Naphthalene

Concen: 0.818 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006166.D

Acq: 07 Jun 2019 14:41

Instrument :

BNA_N

ClientSampleId :

C0AC2DL

Tot Ion:128 Resp: 38391

Ion Ratio Lower Upper

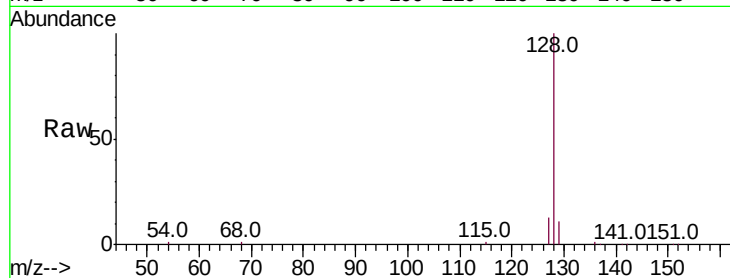
128 100

129 11.5 9.3 13.9

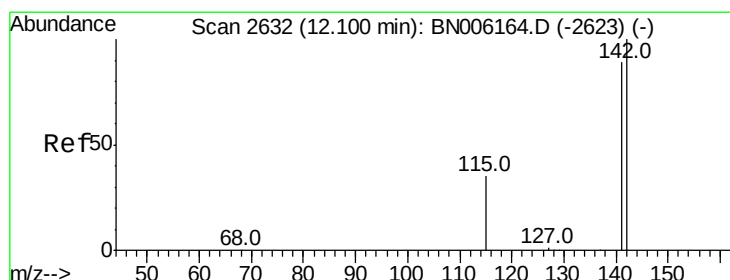
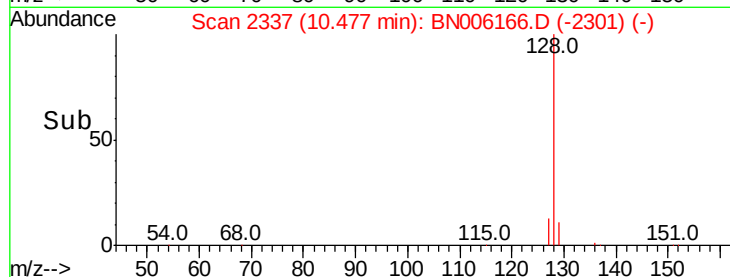
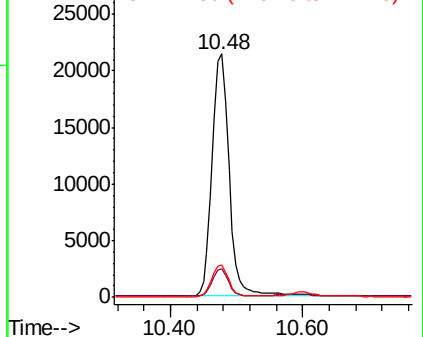
127 13.1 10.7 16.1

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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: 0.644 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006166.D

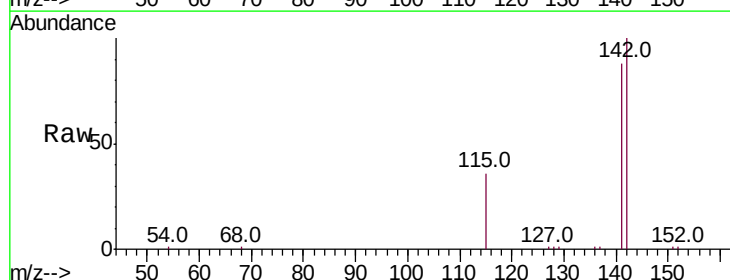
Acq: 07 Jun 2019 14:41

Tgt Ion:142 Resp: 21071

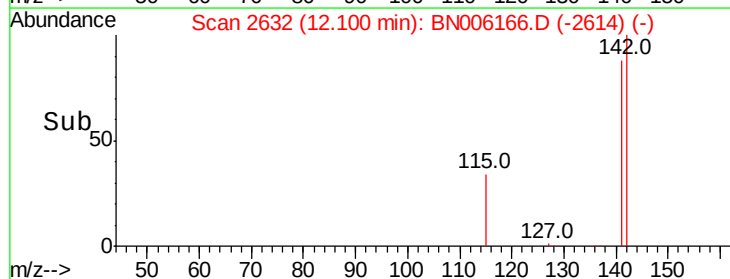
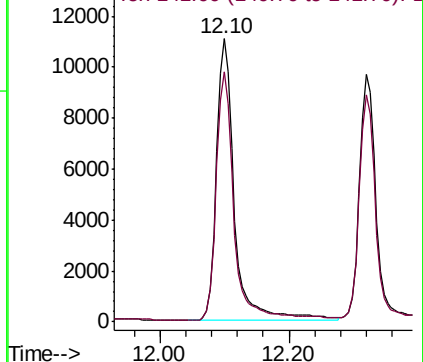
Ion Ratio Lower Upper

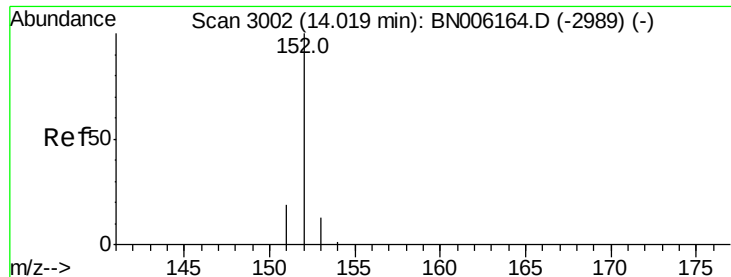
142 100

141 88.1 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: 0.459 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006166.D

Acq: 07 Jun 2019 14:41

Instrument :

BNA_N

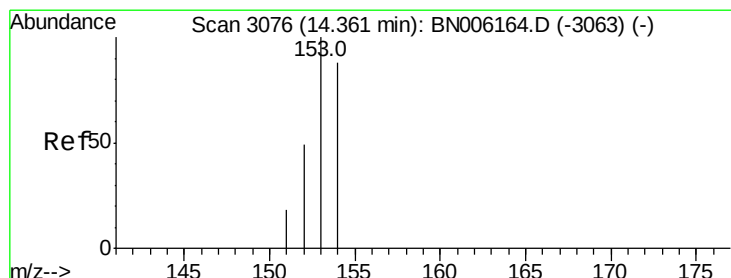
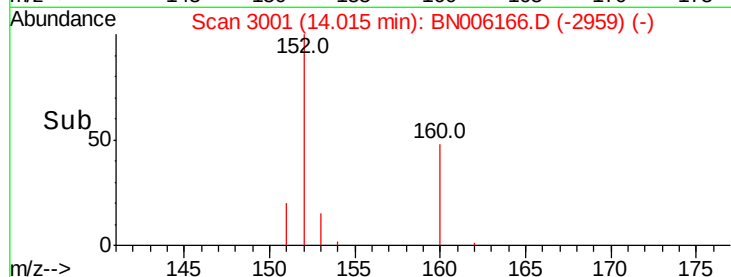
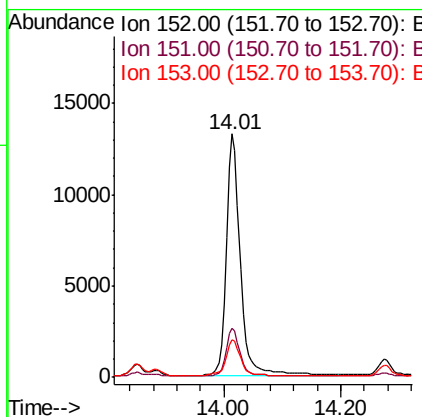
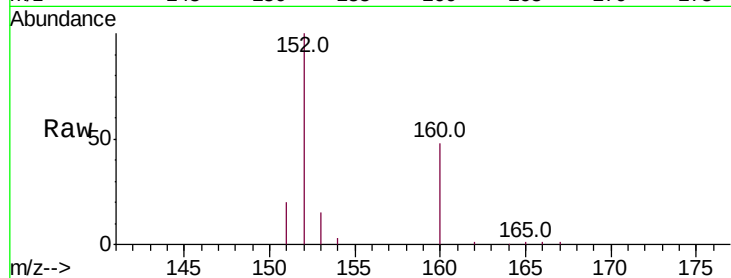
ClientSampleId :

C0AC2DL

Tot Ion:	152	Resp:	21962
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.8	23.8
153	15.5	10.8	16.2

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#8

Acenaphthene

Concen: 1.759 ng/ul

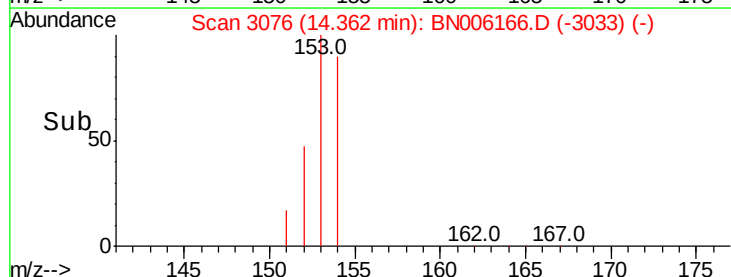
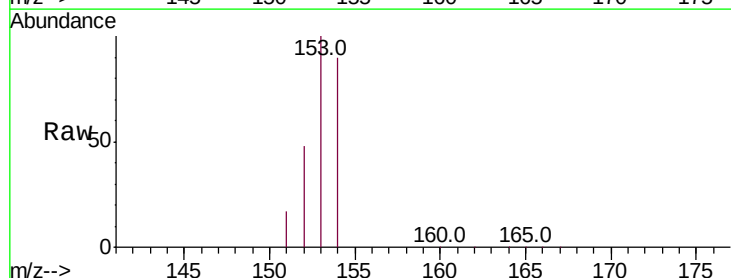
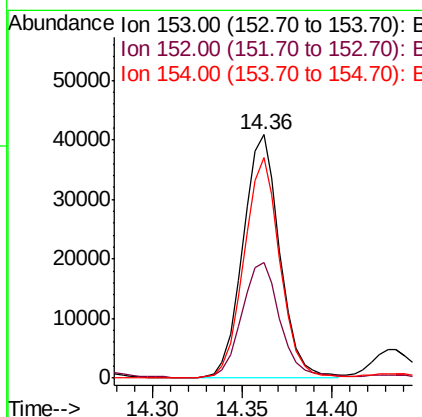
RT: 14.36 min Scan# 3076

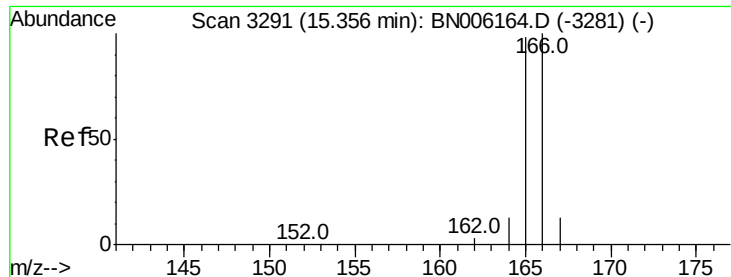
Delta R.T. 0.00 min

Lab File: BN006166.D

Acq: 07 Jun 2019 14:41

Tgt Ion:	153	Resp:	58343
Ion Ratio	Lower	Upper	
153	100		
152	47.7	39.1	58.7
154	90.4	71.1	106.7





#9

Fluorene

Concen: 1.762 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006166.D

Acq: 07 Jun 2019 14:41

Instrument :

BNA_N

ClientSampleId :

C0AC2DL

Tot Ion:166 Resp: 68374

Ion Ratio Lower Upper

166 100

165 97.8 76.4 114.6

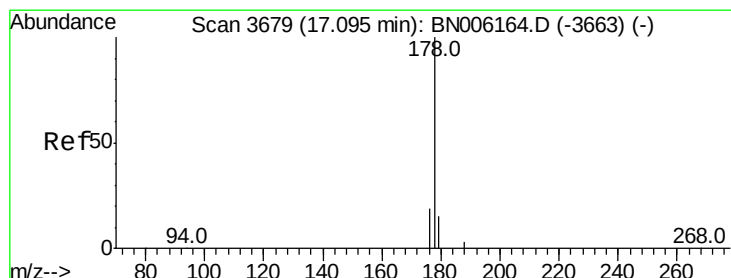
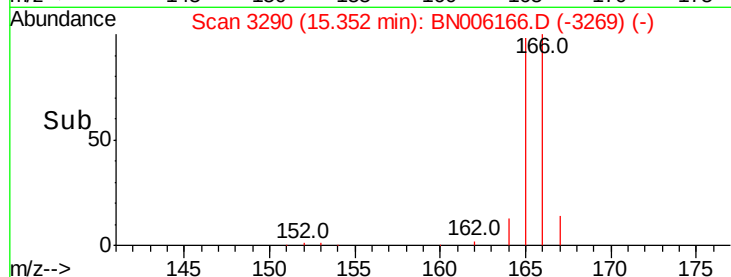
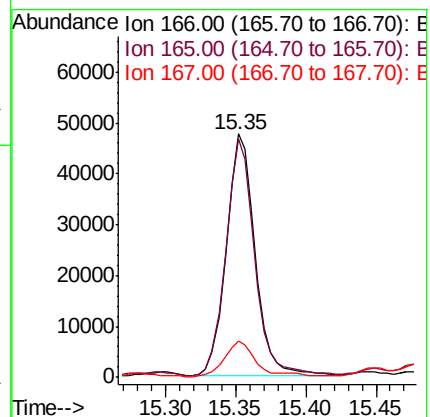
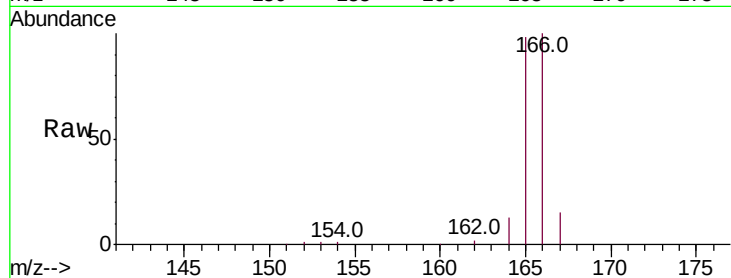
167 14.8 11.0 16.6

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#12

Phenanthrene

Concen: 15.100 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN006166.D

Acq: 07 Jun 2019 14:41

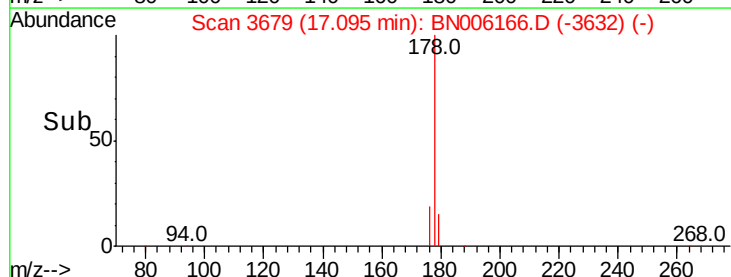
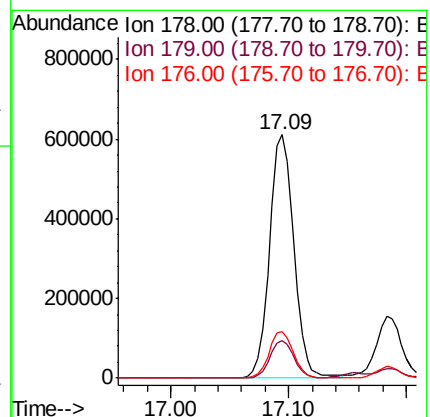
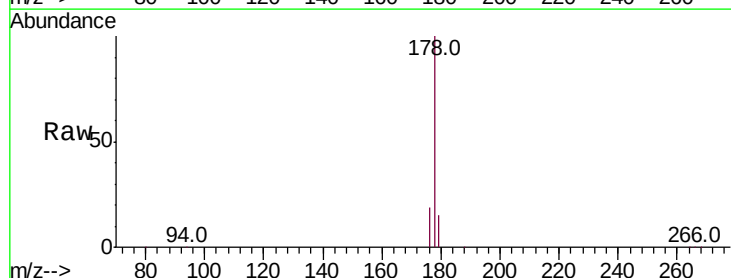
Tgt Ion:178 Resp: 874095

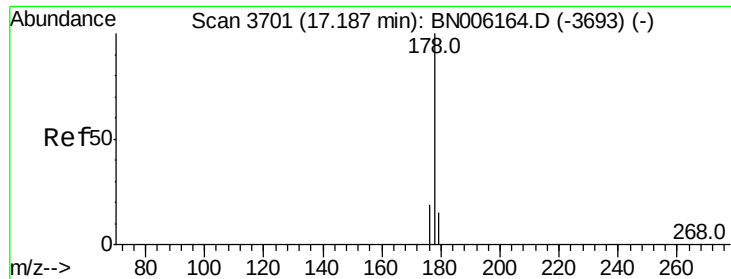
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.2 15.3 22.9





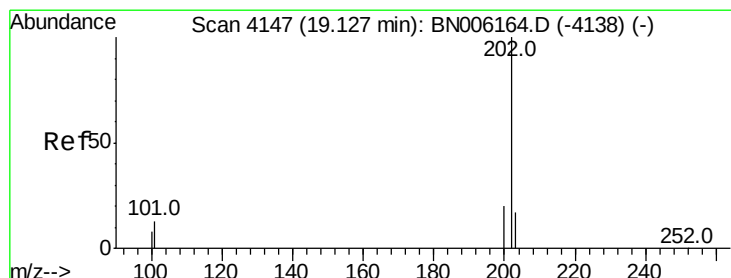
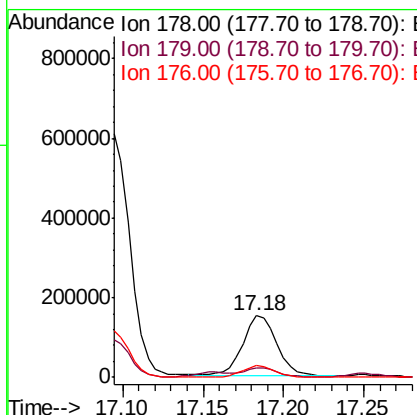
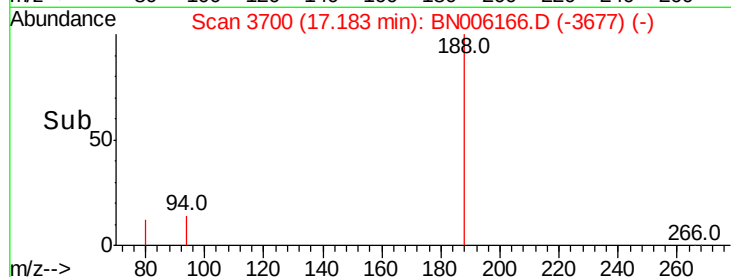
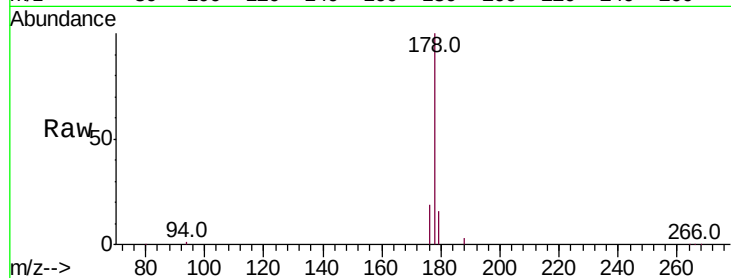
#13
 Anthracene
 Concen: 3.945 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006166.D
 Acq: 07 Jun 2019 14:41

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	18.7	15.1	22.7

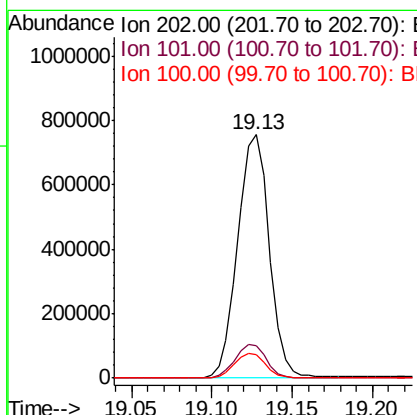
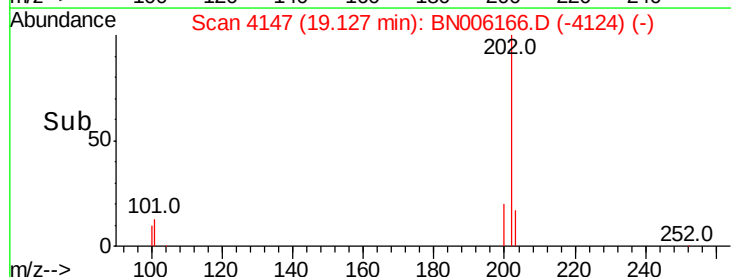
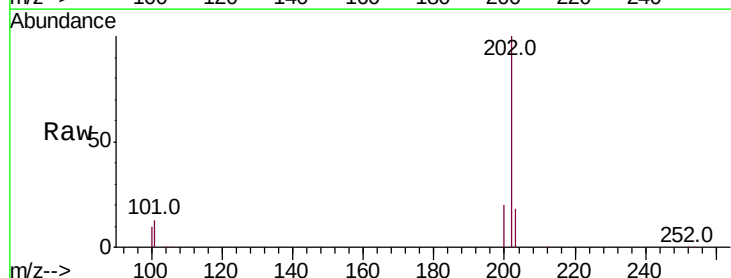
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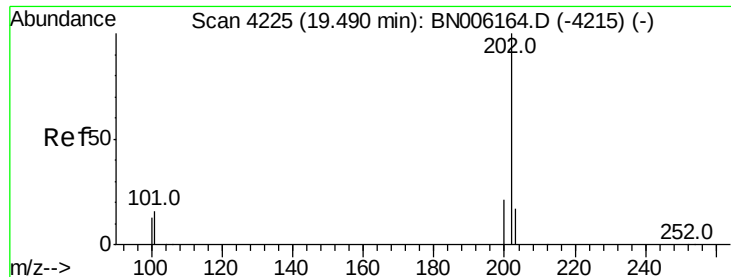
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#15
 Fluoranthene
 Concen: 16.205 ng/ul
 RT: 19.13 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: BN006166.D
 Acq: 07 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	32.1
100	9.7	0.0	28.7





#17

Pvrene

Concen: 11.076 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN006166.D

Acq: 07 Jun 2019 14:41

Instrument :

BNA_N

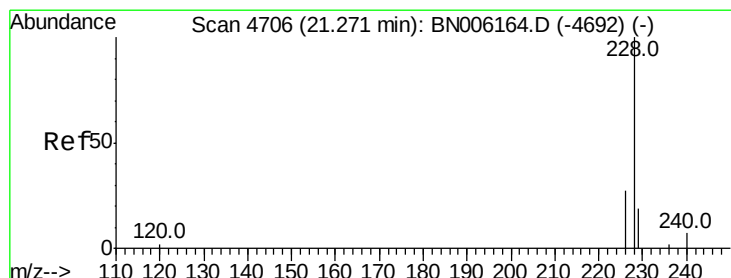
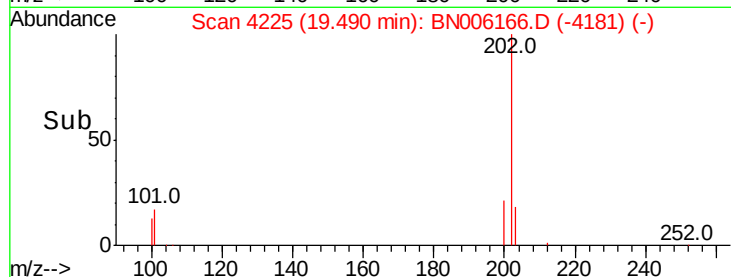
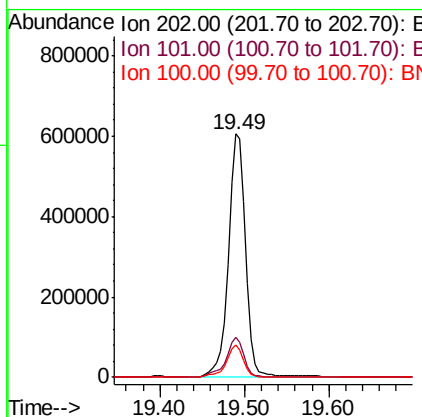
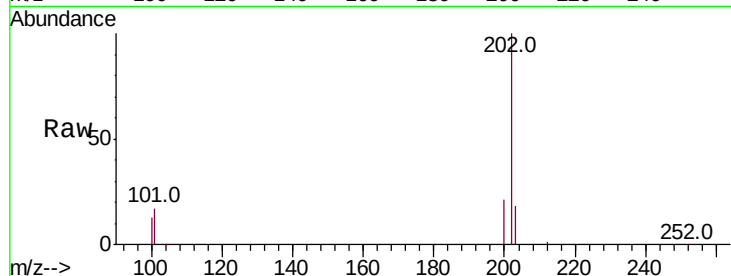
ClientSampleId :

C0AC2DL

Tot Ion:	202	Resp:	865964
Ion Ratio	Lower	Upper	
202	100		
101	16.6	12.2	18.2
100	13.2	9.8	14.6

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#18

Benzo(a)anthracene

Concen: 7.525 ng/ul

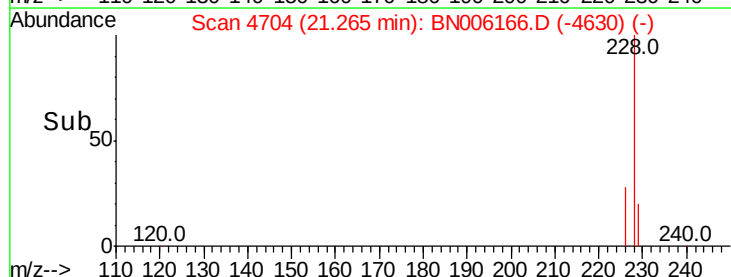
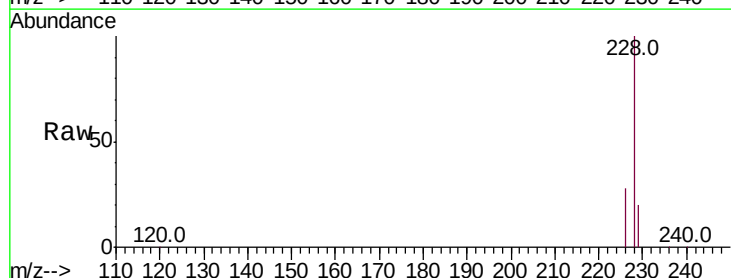
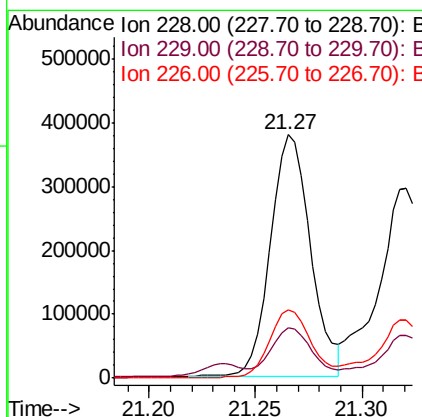
RT: 21.27 min Scan# 4704

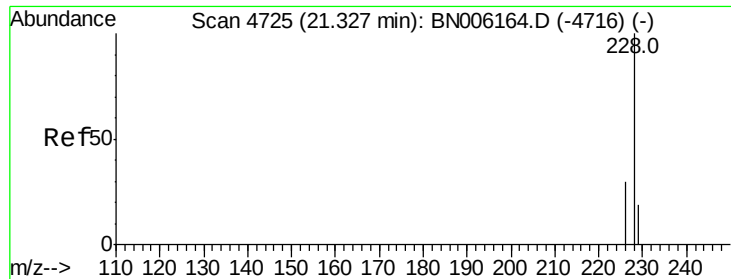
Delta R.T. 0.01 min

Lab File: BN006166.D

Acq: 07 Jun 2019 14:41

Tgt Ion:	228	Resp:	494027
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.5	24.7
226	28.0	22.8	34.2





#19

Chrysene

Concen: 7.388 ng/ul

RT: 21.32 min Scan# 4723

Delta R.T. 0.02 min

Lab File: BN006166.D

Acq: 07 Jun 2019 14:41

Instrument :

BNA_N

ClientSampleId :

C0AC2DL

Tot Ion:228 Resp: 455334

Ion Ratio Lower Upper

228 100

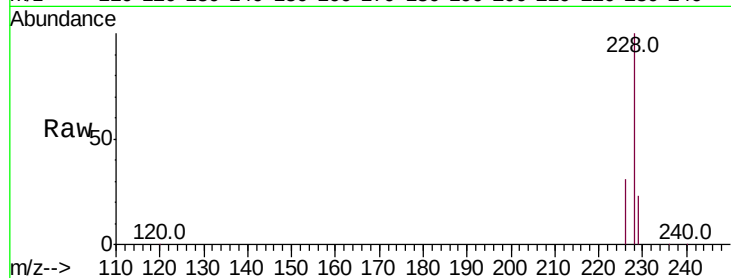
226 30.6 25.0 37.6

229 22.7 16.3 24.5

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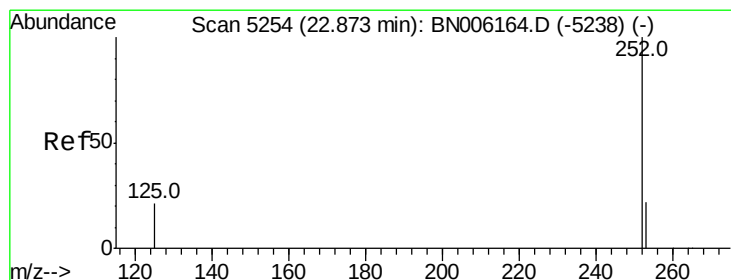
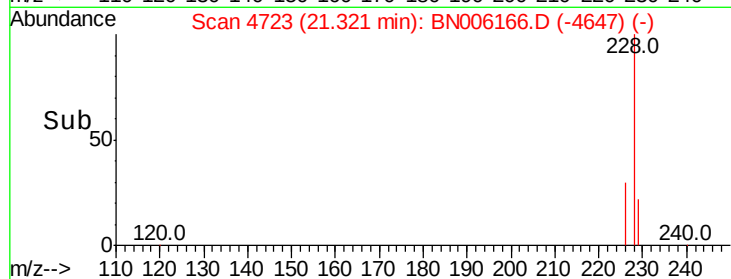
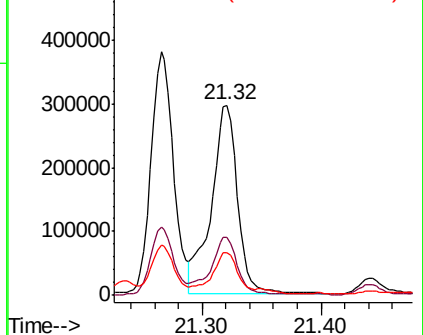
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 5.135 ng/ul m

RT: 22.86 min Scan# 5251

Delta R.T. 0.04 min

Lab File: BN006166.D

Acq: 07 Jun 2019 14:41

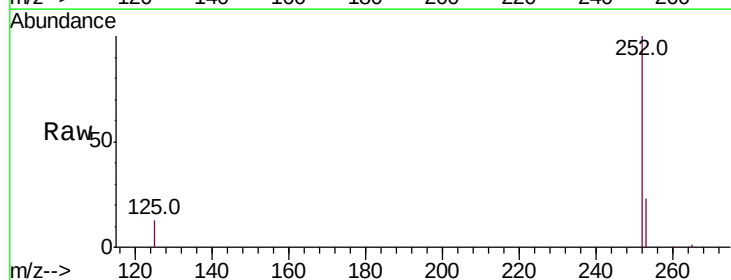
Tgt Ion:252 Resp: 520230

Ion Ratio Lower Upper

252 100

253 22.9 0.0 51.4

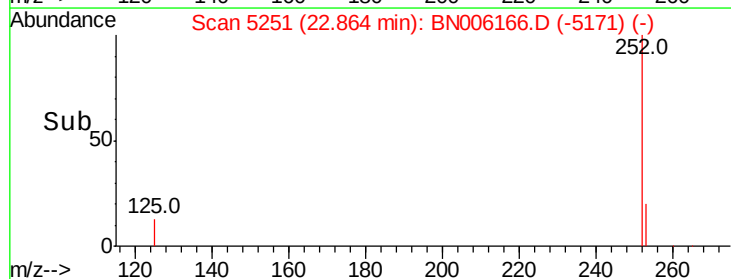
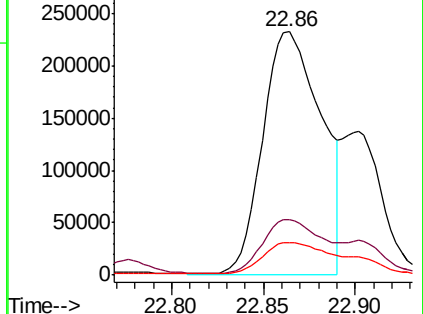
125 13.4 0.0 41.0

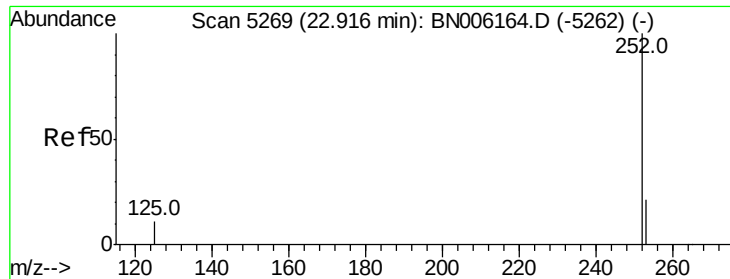


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





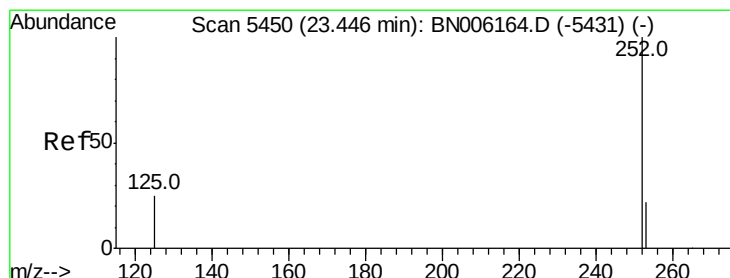
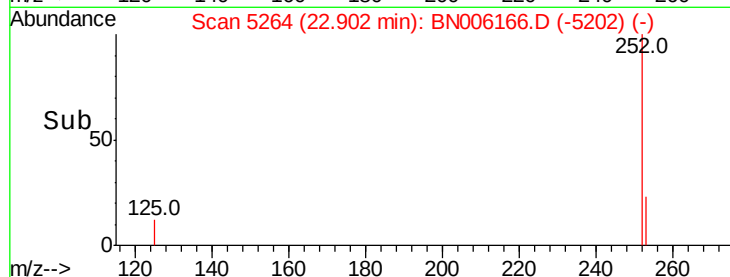
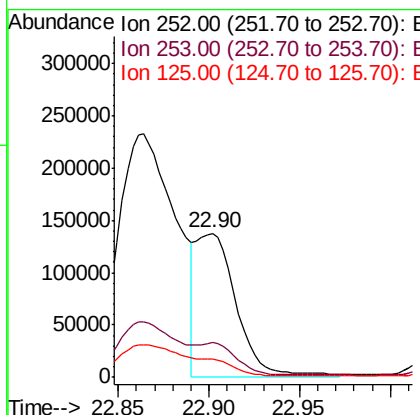
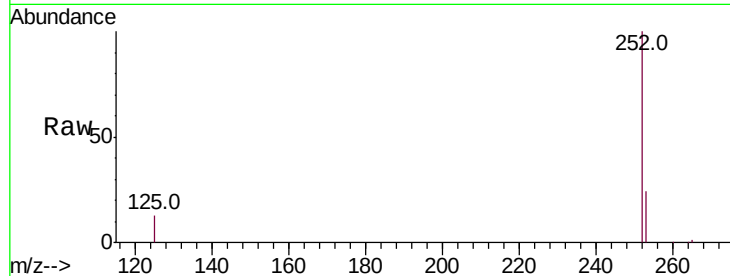
#22
Benzo(k)fluoranthene
Concen: 2.169 ng/ul m
RT: 22.90 min Scan# 5264
Delta R.T. 0.03 min
Lab File: BN006166.D
Acq: 07 Jun 2019 14:41

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.3	30.5
125	12.8	14.3	21.5#

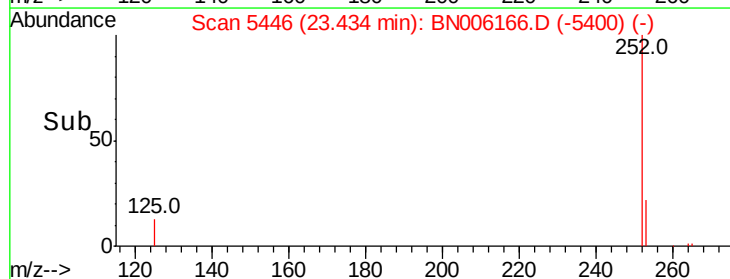
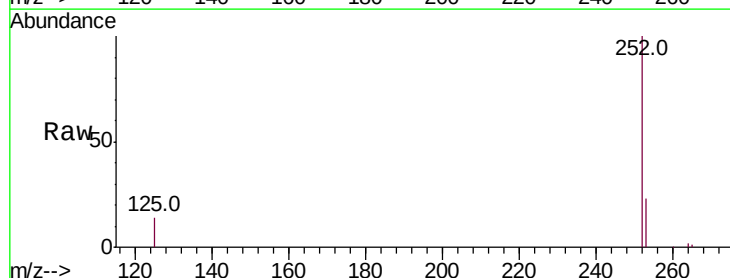
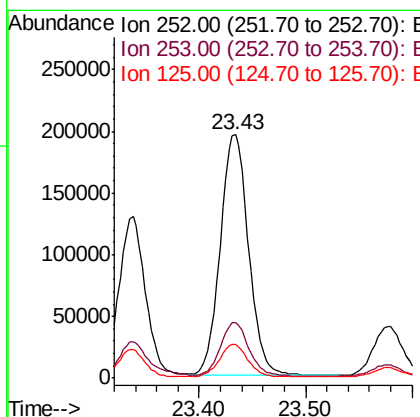
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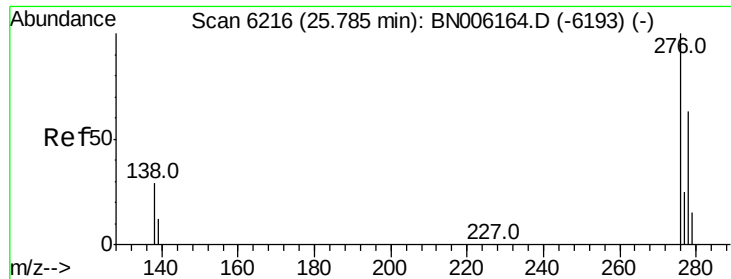
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#23
Benzo(a)pyrene
Concen: 3.840 ng/ul
RT: 23.43 min Scan# 5446
Delta R.T. 0.04 min
Lab File: BN006166.D
Acq: 07 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.1	31.7
125	13.8	20.3	30.5#





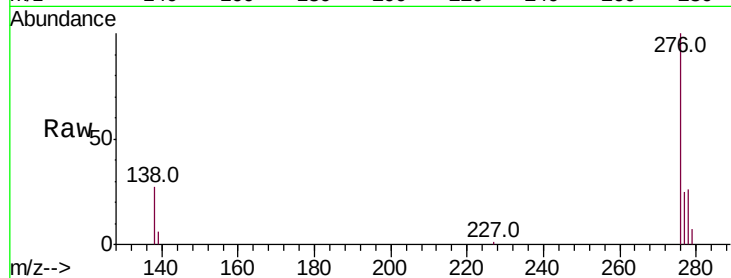
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.058 ng/ul m
 RT: 25.77 min Scan# 6210
 Delta R.T. 0.03 min
 Lab File: BN006166.D
 Acq: 07 Jun 2019 14:41

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.8	25.6	38.4#
227	0.0	0.3	0.5#

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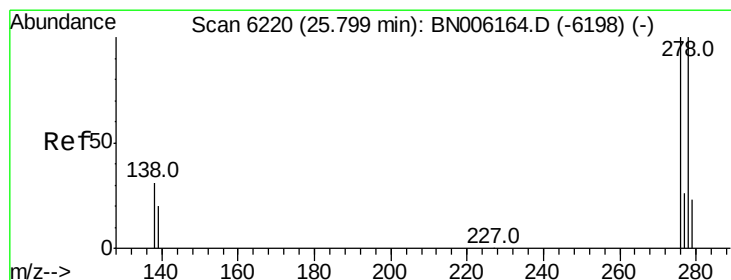
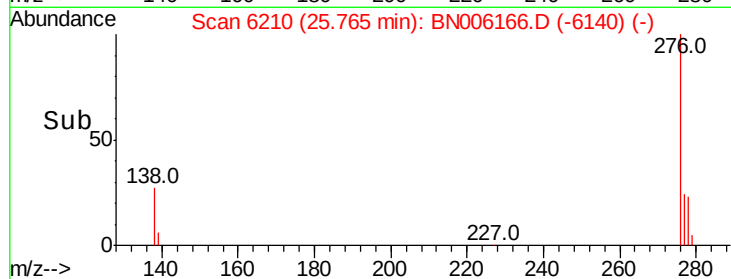
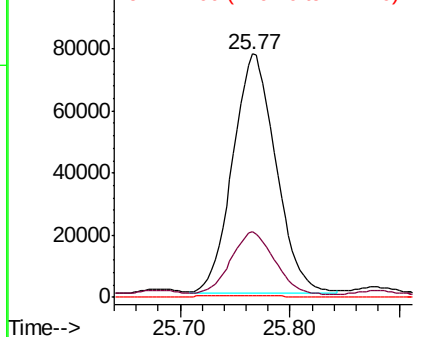


Abundance

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: 0.808 ng/ul
 RT: 25.77 min Scan# 6211
 Delta R.T. 0.03 min
 Lab File: BN006166.D
 Acq: 07 Jun 2019 14:41

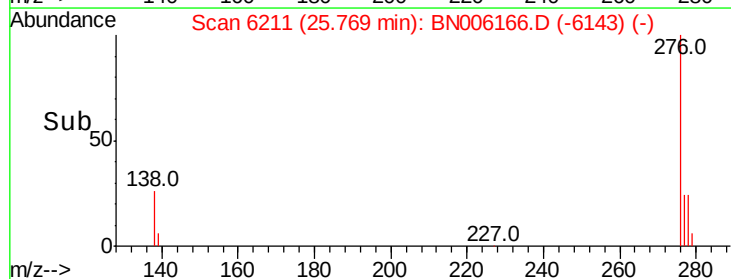
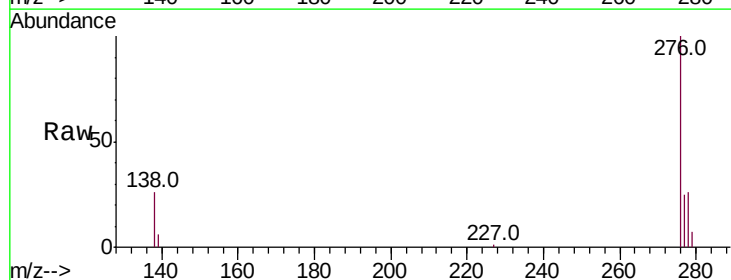
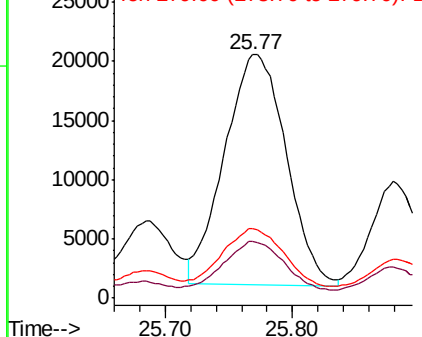
Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	21.2	31.8
279	28.3	22.6	33.8

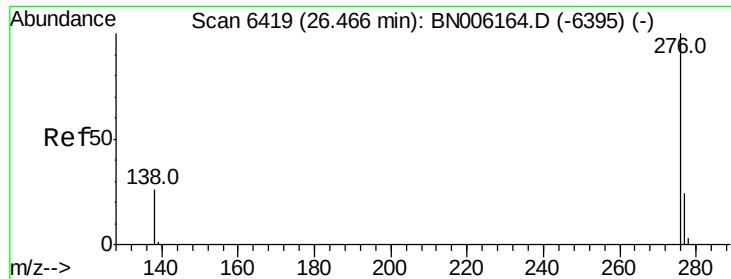
Abundance

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: 1.792 ng/ul
RT: 26.45 min Scan# 6414
Delta R.T. 0.04 min
Lab File: BN006166.D
Acq: 07 Jun 2019 14:41

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	24.2	36.4
277	24.0	21.5	32.3

Manual Integrations
APPROVED

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