

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006175.D
 Acq On : 07 Jun 2019 19:54
 Operator : JU/SJ
 Sample : K3201-13DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4DL

Manual Integrations
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Quant Time: Jun 08 03:17:30 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	5301	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19770	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10035	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20881	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	17455	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	27595	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1818	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	4155	0.07	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.48	128	16053	0.294	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	8157	0.215	ng/ul	100
7) Acenaphthylene	14.01	152	35905	0.644	ng/ul	99
8) Acenaphthene	14.36	153	19465	0.503	ng/ul	99
9) Fluorene	15.35	166	18501	0.409	ng/ul	96
12) Phenanthrene	17.09	178	488140	7.283	ng/ul	100
13) Anthracene	17.18	178	94285	1.473	ng/ul	99
15) Fluoranthene	19.12	202	904244	12.217	ng/ul	99
17) Pyrene	19.49	202	814136	8.855	ng/ul	99
18) Benzo(a)anthracene	21.25	228	408777	5.295	ng/ul	100
19) Chrysene	21.30	228	436164	6.018	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	573637m	4.985	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	217381m	1.940	ng/ul	
23) Benzo(a)pyrene	23.40	252	372697	3.478	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.73	276	272459	2.349	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.74	278	69054	0.745	ng/ul	95
26) Benzo(a,h,i)perylene	26.42	276	205210	2.112	ng/ul	94

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

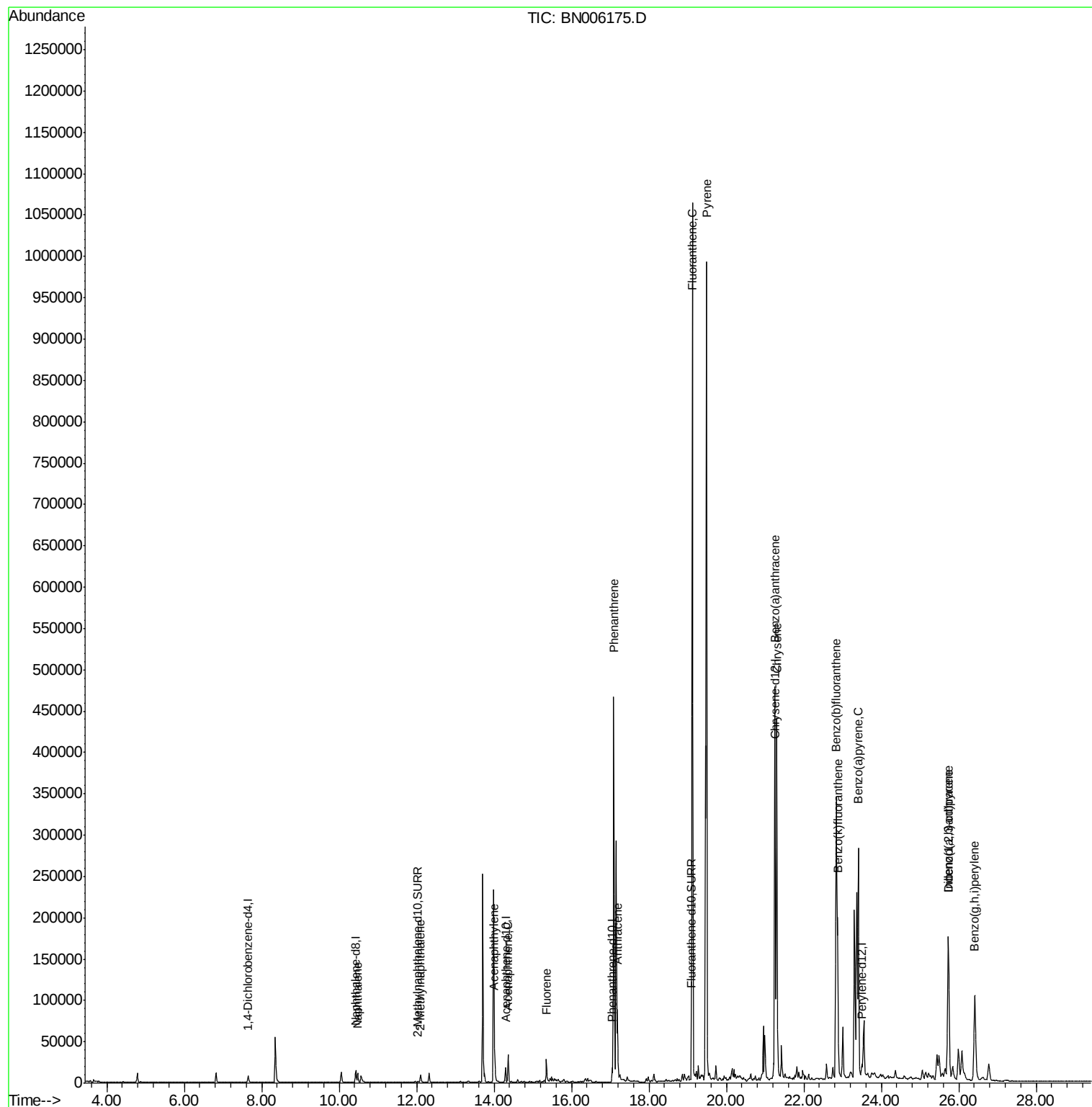
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
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ALS Vial : 41 Sample Multiplier: 1

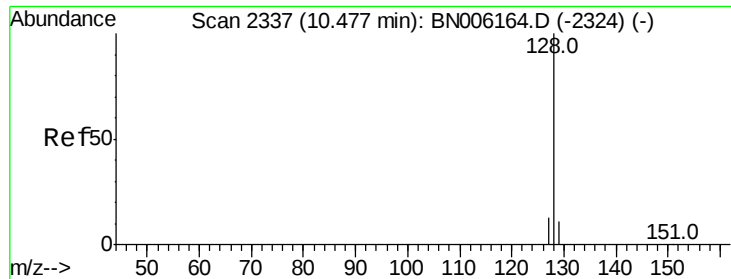
Instrument :
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Quant Time: Jun 08 03:17:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.294 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

ClientSampleId :

C0AC4DL

Tot Ion:128 Resp: 16053

Ion Ratio Lower Upper

128 100

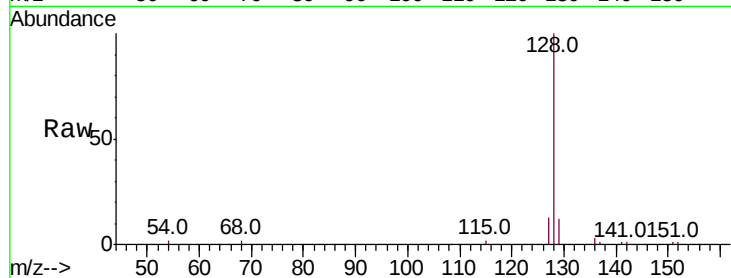
129 12.1 9.3 13.9

127 13.2 10.7 16.1

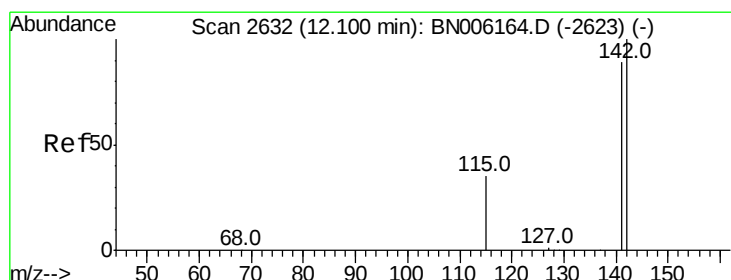
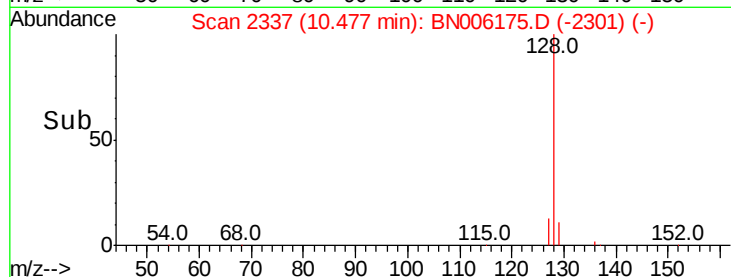
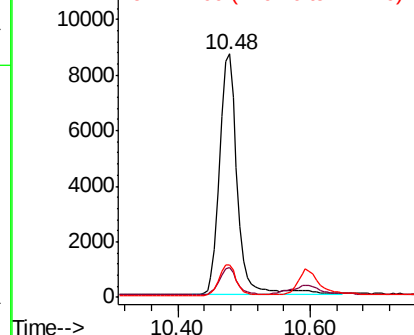
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.215 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006175.D

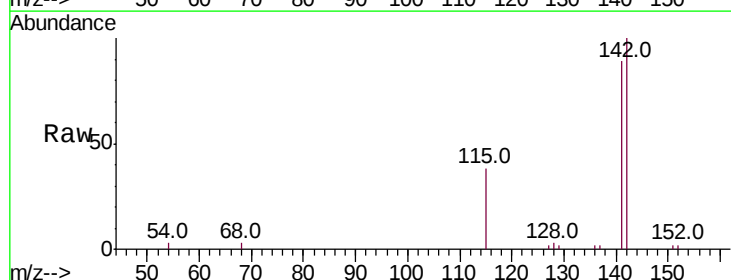
Acq: 07 Jun 2019 19:54

Tgt Ion:142 Resp: 8157

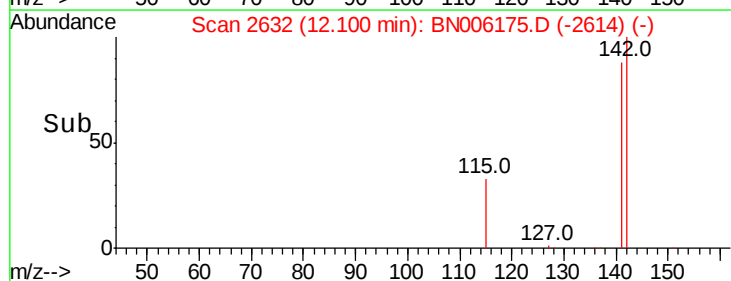
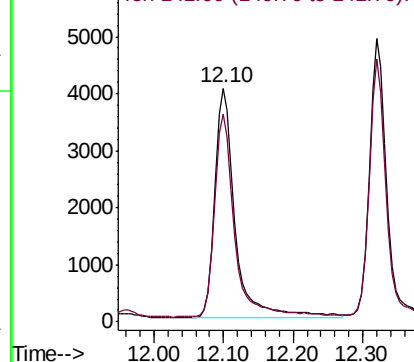
Ion Ratio Lower Upper

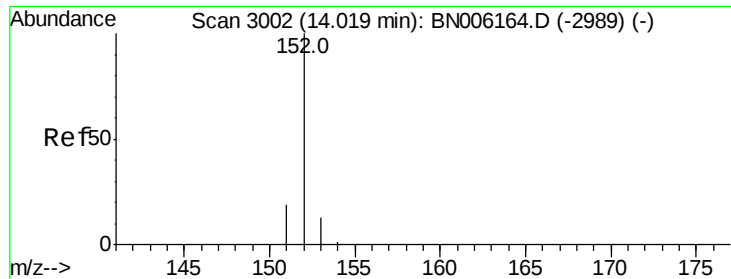
142 100

141 87.6 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: 0.644 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

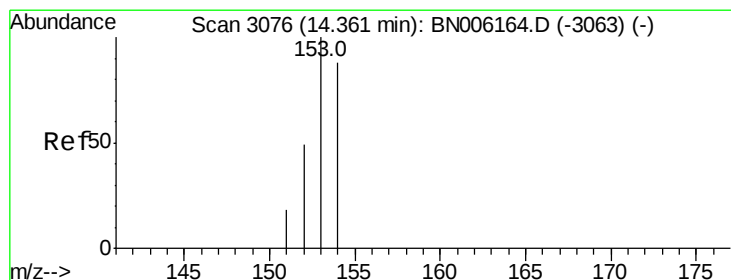
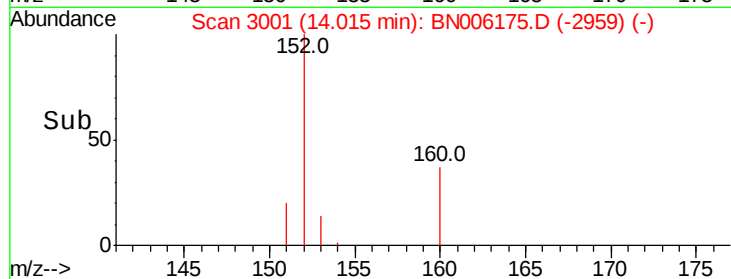
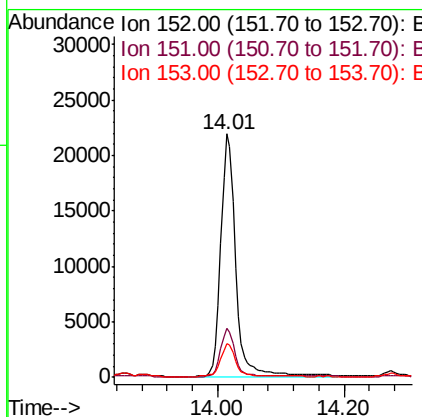
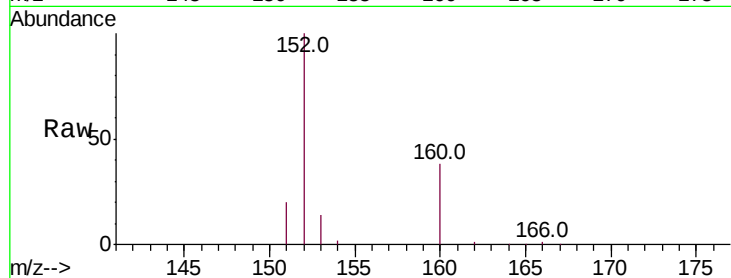
ClientSampleId :

C0AC4DL

Tot Ion:	152	Resp:	35905
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	14.1	10.8	16.2

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#8

Acenaphthene

Concen: 0.503 ng/ul

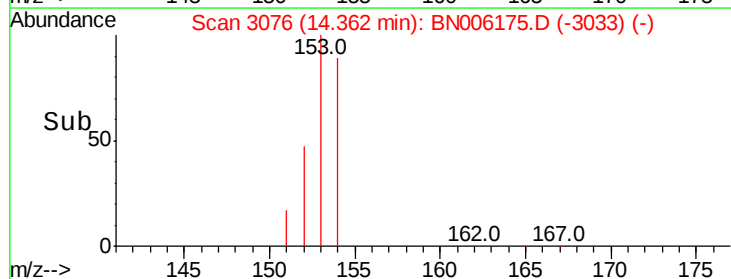
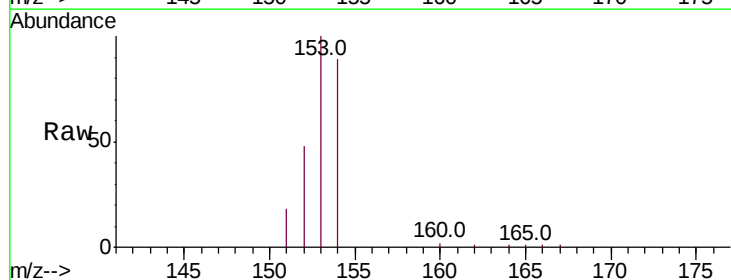
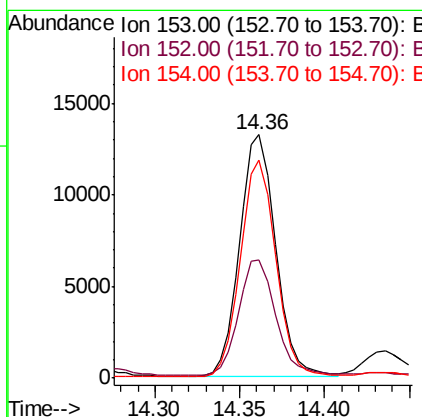
RT: 14.36 min Scan# 3076

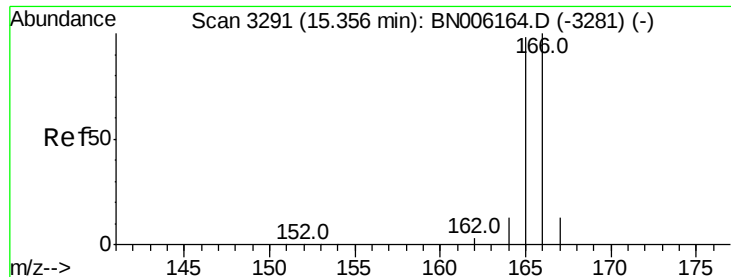
Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Tgt Ion:	153	Resp:	19465
Ion Ratio	Lower	Upper	
153	100		
152	48.3	39.1	58.7
154	89.3	71.1	106.7





#9

Fluorene

Concen: 0.409 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

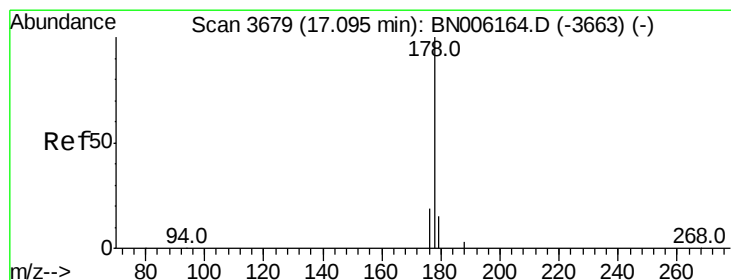
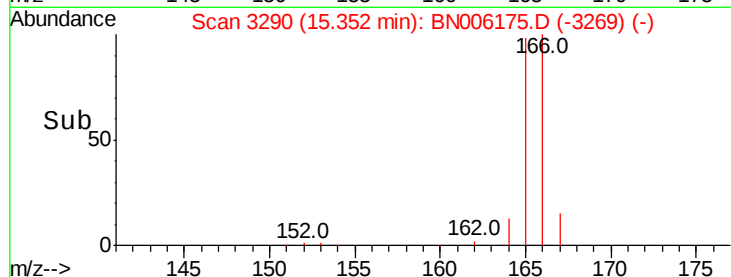
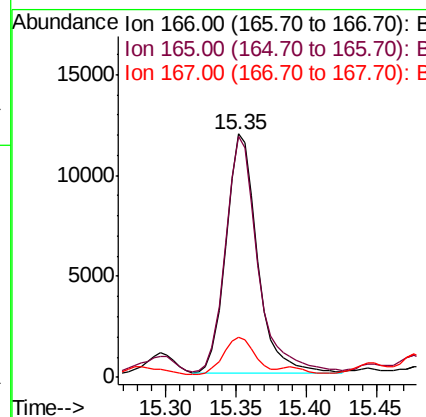
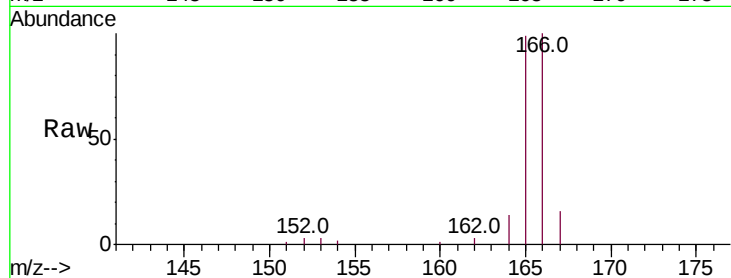
ClientSampleId :

C0AC4DL

Tot Ion:	166	Resp:	18501
Ion Ratio	Lower	Upper	
166	100		
165	98.8	76.4	114.6
167	16.4	11.0	16.6

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#12

Phenanthrene

Concen: 7.283 ng/ul

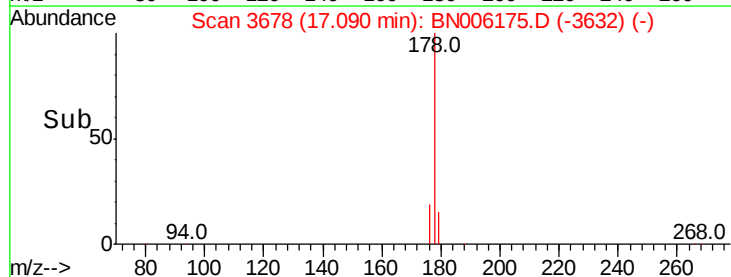
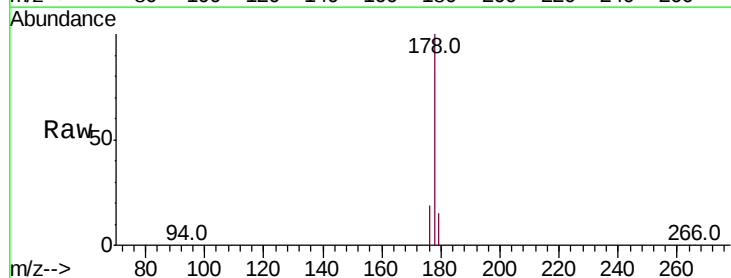
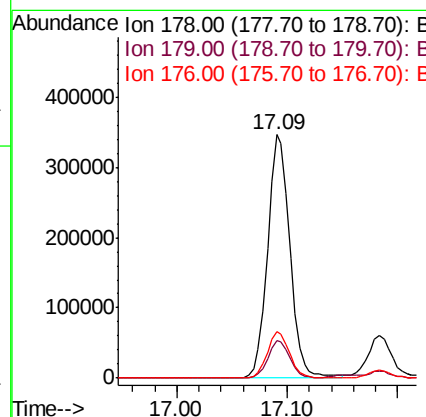
RT: 17.09 min Scan# 3678

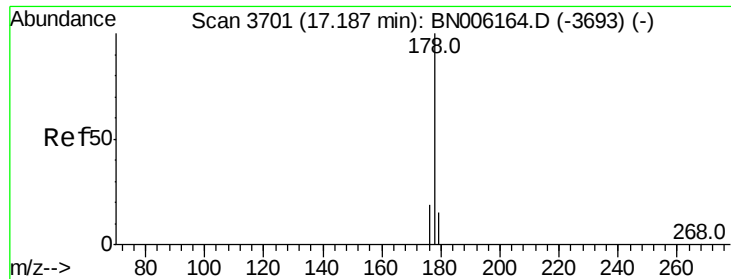
Delta R.T. -0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Tgt Ion:	178	Resp:	488140
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.3	15.3	22.9





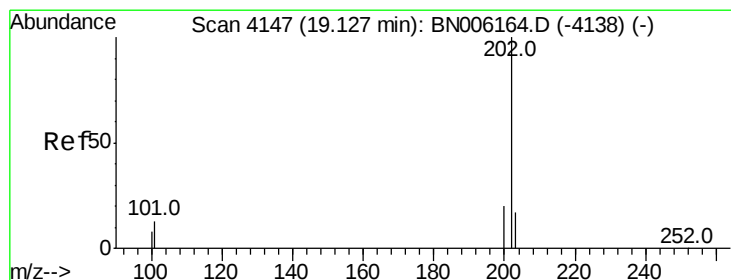
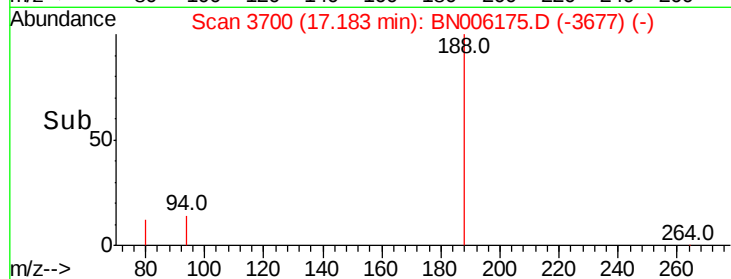
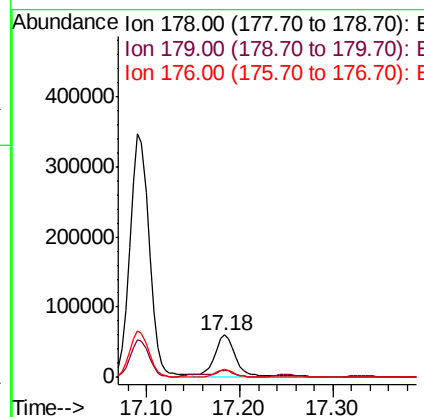
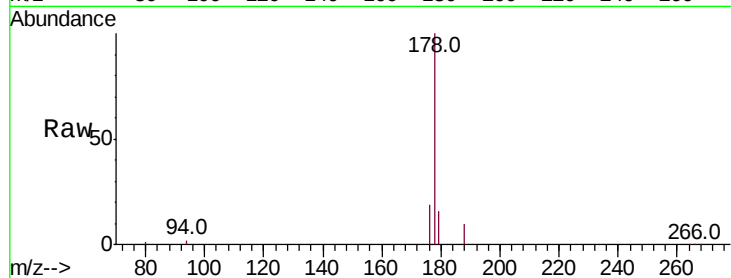
#13
 Anthracene
 Concen: 1.473 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006175.D
 Acq: 07 Jun 2019 19:54

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.5	15.1	22.7

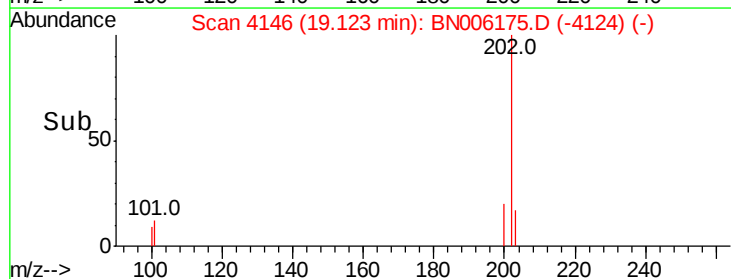
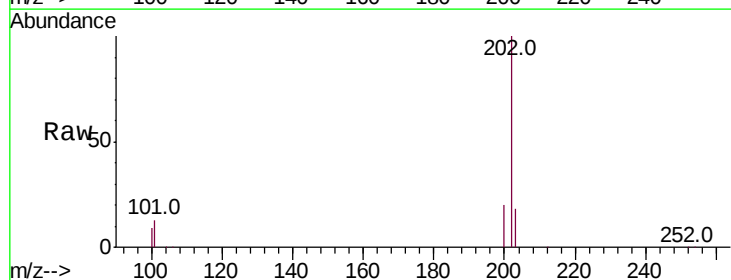
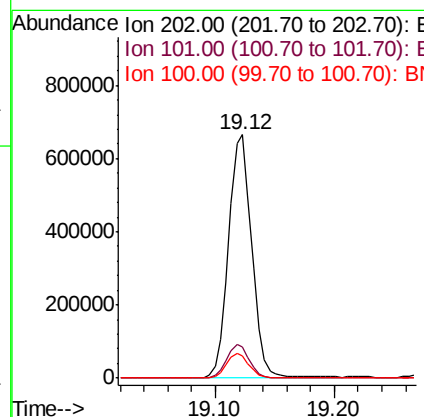
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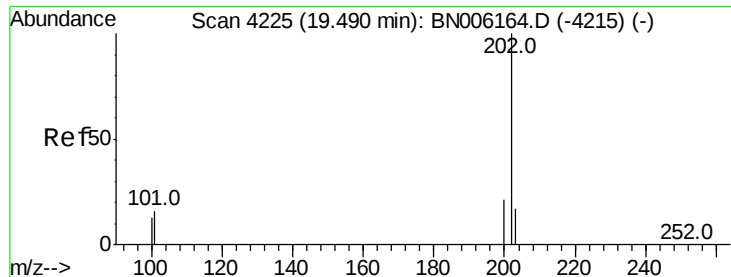
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#15
 Fluoranthene
 Concen: 12.217 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006175.D
 Acq: 07 Jun 2019 19:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.1
100	9.1	0.0	28.7





#17

Pvrene

Concen: 8.855 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

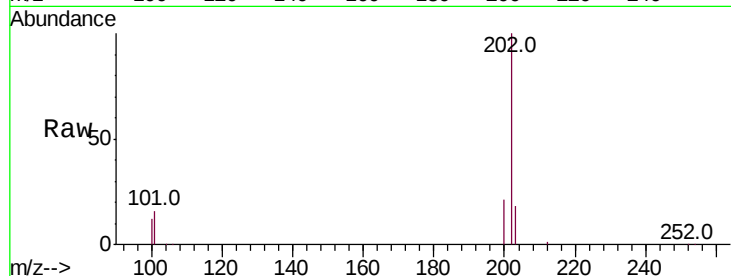
ClientSampleId :

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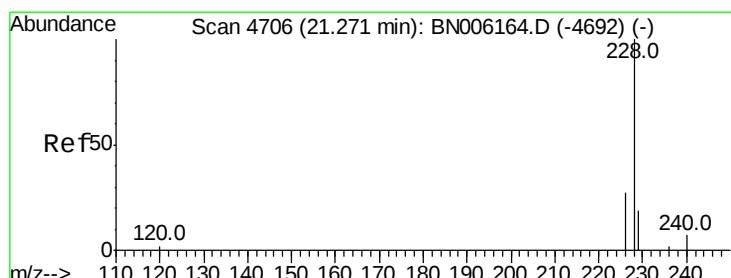
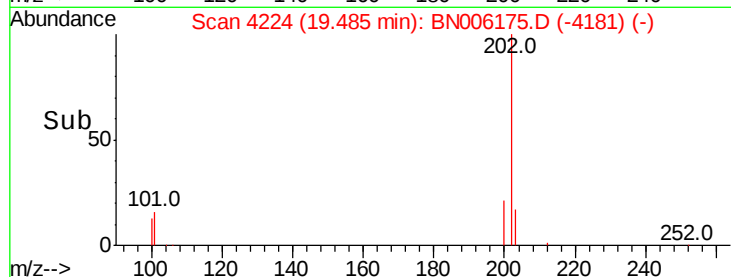
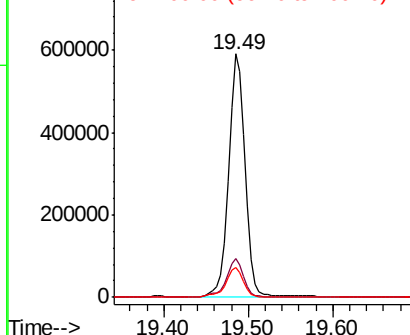
Tot Ion:	202	Resp:	814136
Ion Ratio	Lower	Upper	
202	100		
101	15.8	12.2	18.2
100	12.5	9.8	14.6

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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: 5.295 ng/ul

RT: 21.25 min Scan# 4699

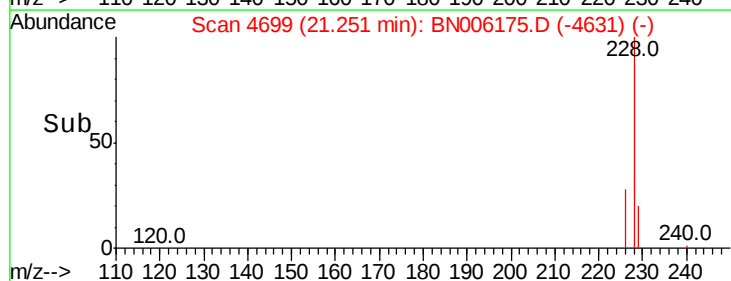
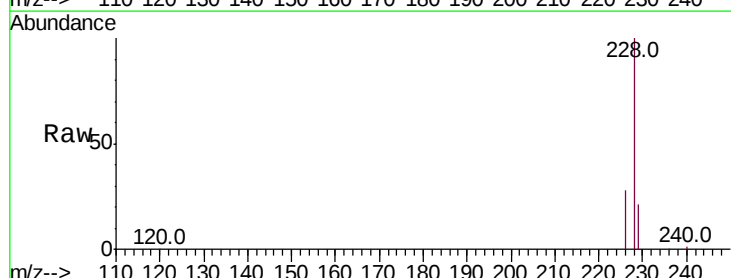
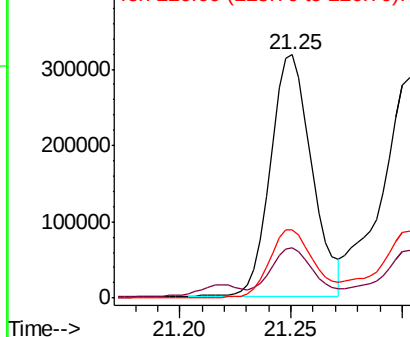
Delta R.T. 0.00 min

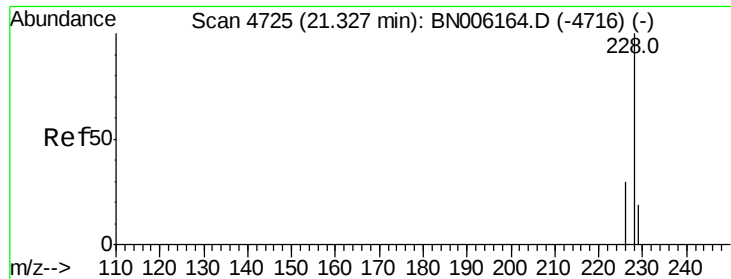
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Tgt Ion:	228	Resp:	408777
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.5	24.7
226	28.2	22.8	34.2

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: 6.018 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

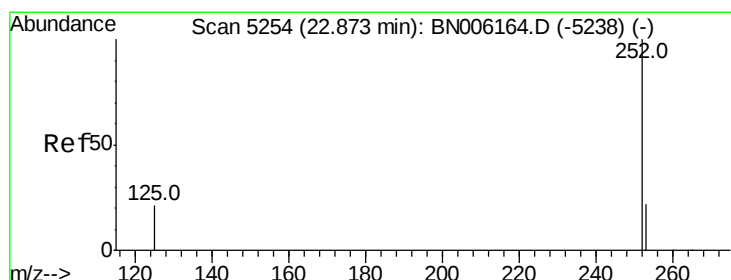
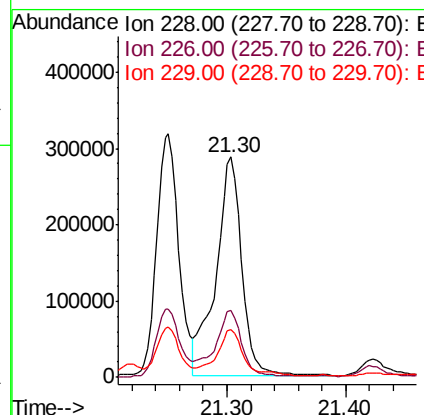
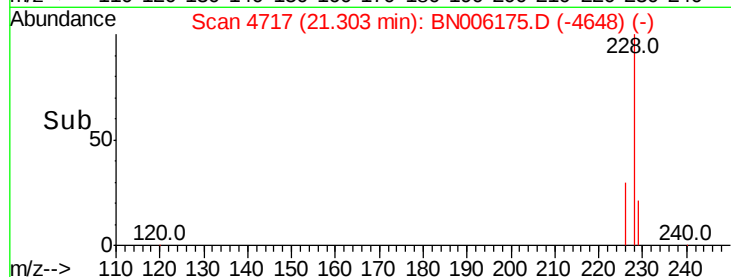
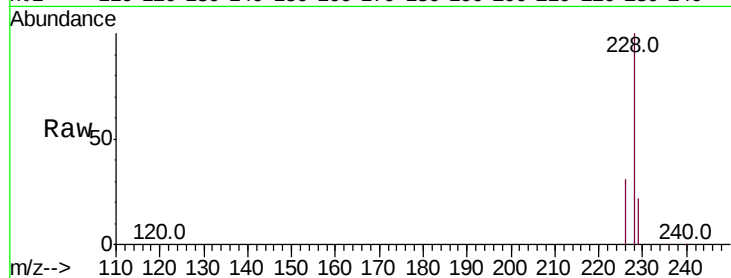
ClientSampleId :

C0AC4DL

Tot Ion:228	Resp:	436164
Ion Ratio	Lower	Upper
228 100		
226 30.5	25.0	37.6
229 21.9	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 4.985 ng/ul m

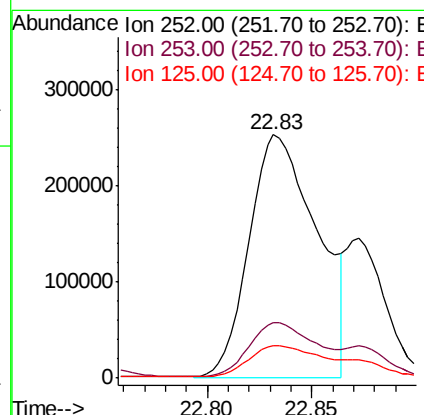
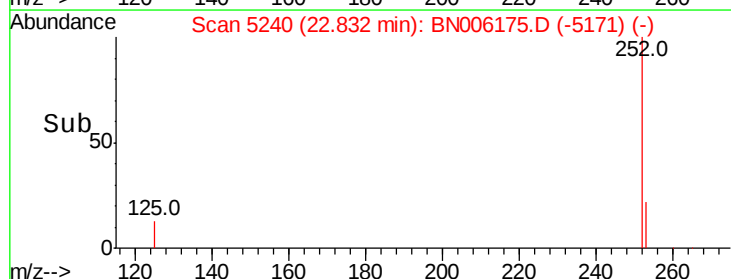
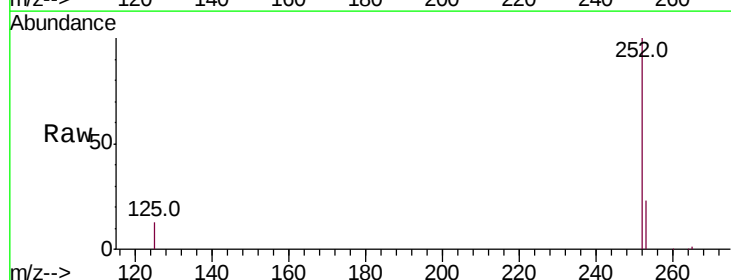
RT: 22.83 min Scan# 5240

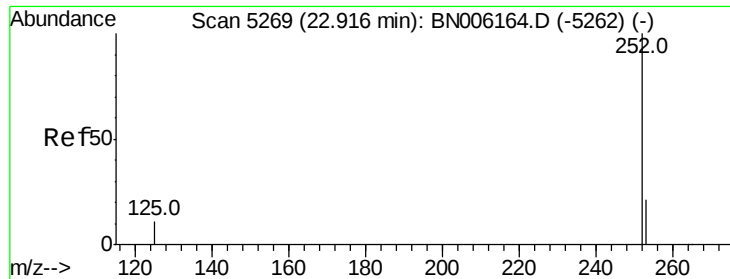
Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Tgt Ion:252	Resp:	573637
Ion Ratio	Lower	Upper
252 100		
253 22.7	0.0	51.4
125 13.3	0.0	41.0





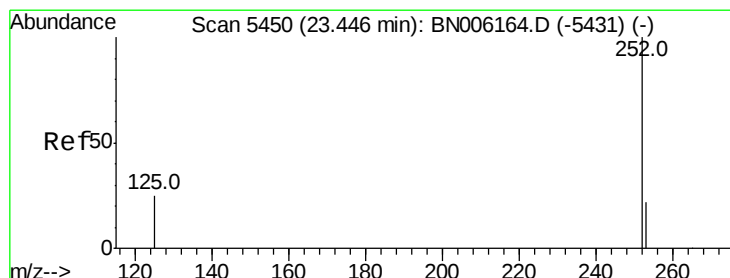
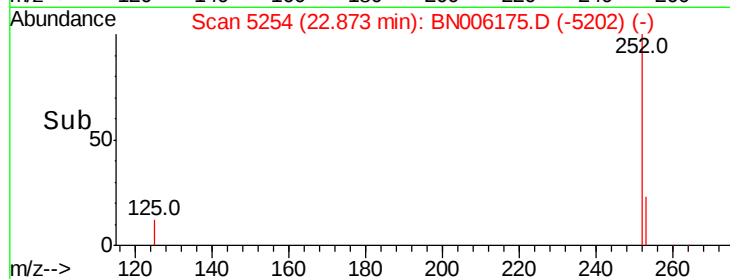
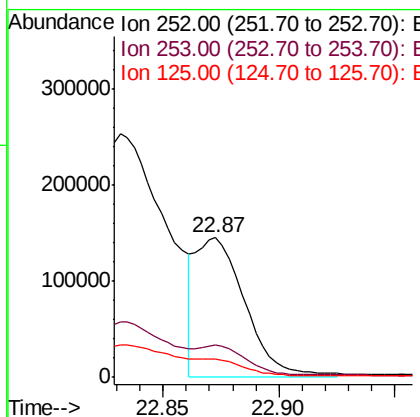
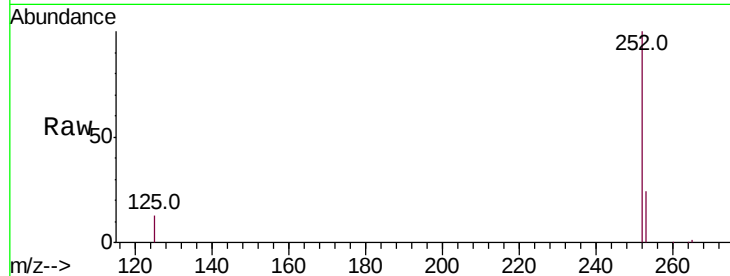
#22
Benzo(k)fluoranthene
Concen: 1.940 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. 0.00 min
Lab File: BN006175.D
Acq: 07 Jun 2019 19:54

Instrument :
BNA_N
ClientSampleId :
C0AC4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	13.2	14.3	21.5

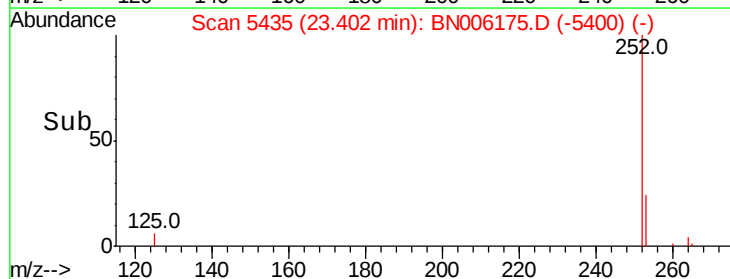
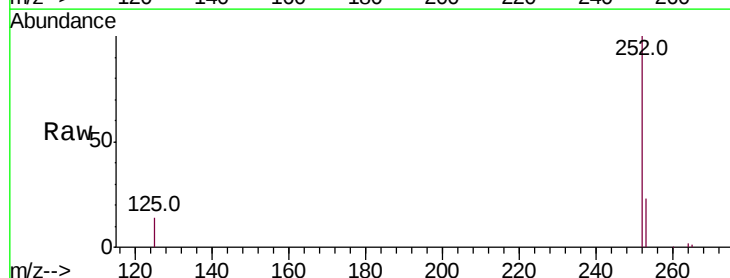
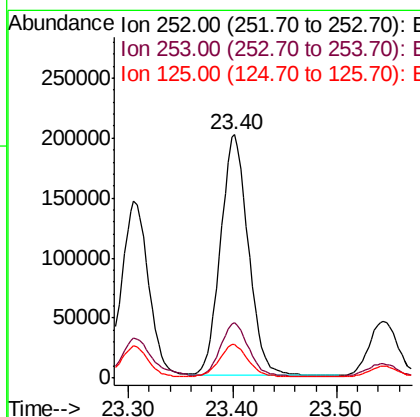
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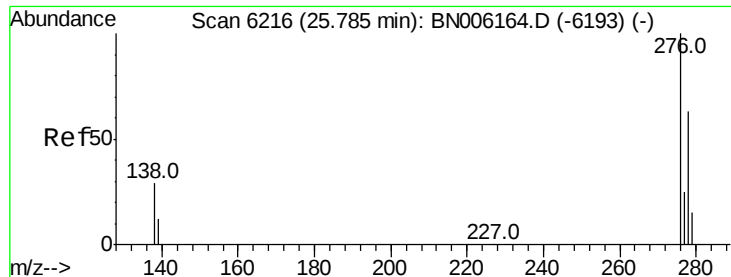
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#23
Benzo(a)pyrene
Concen: 3.478 ng/ul
RT: 23.40 min Scan# 5435
Delta R.T. 0.00 min
Lab File: BN006175.D
Acq: 07 Jun 2019 19:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	21.1	31.7
125	13.8	20.3	30.5





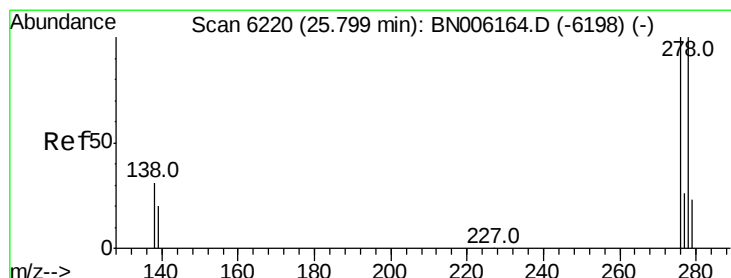
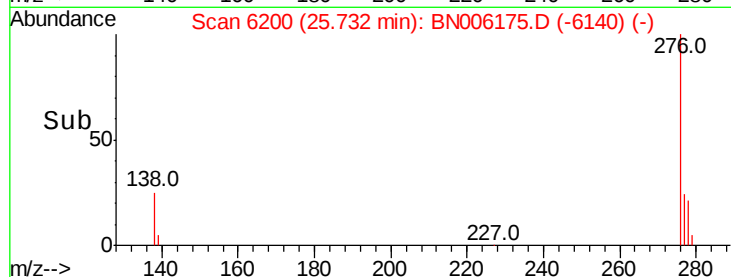
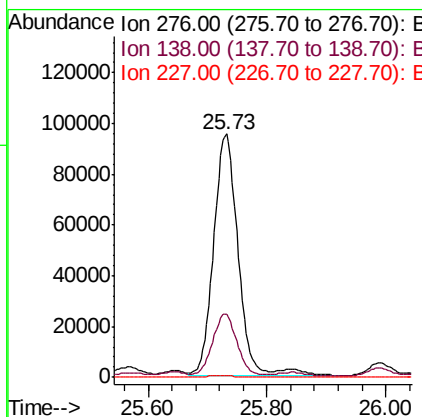
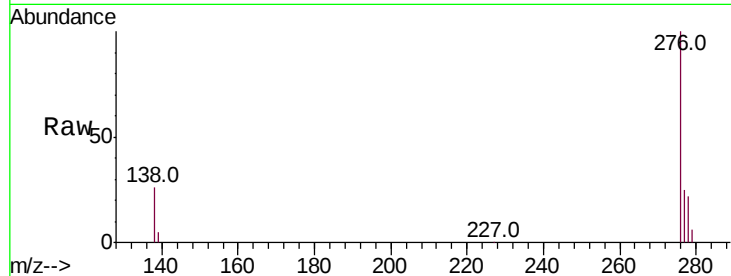
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.349 ng/ul
 RT: 25.73 min Scan# 6200
 Delta R.T. 0.00 min
 Lab File: BN006175.D
 Acq: 07 Jun 2019 19:54

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.6	38.4#
227	0.3	0.3	0.5#

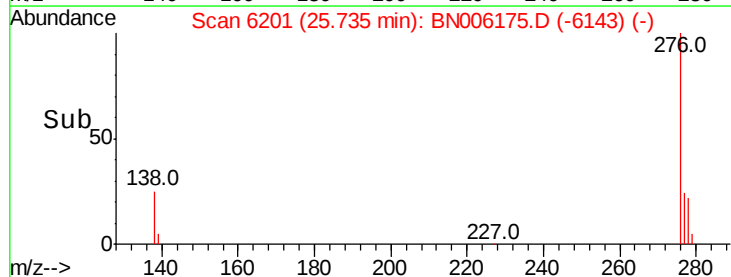
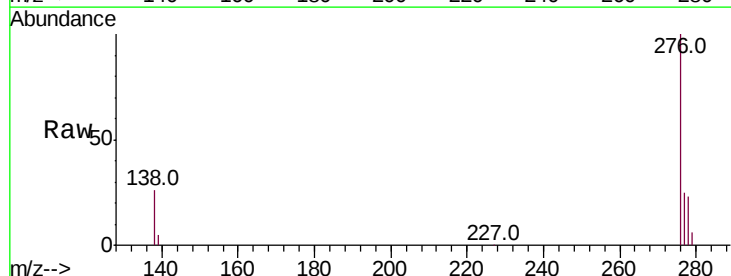
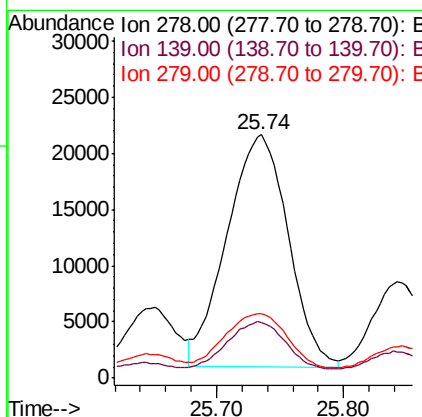
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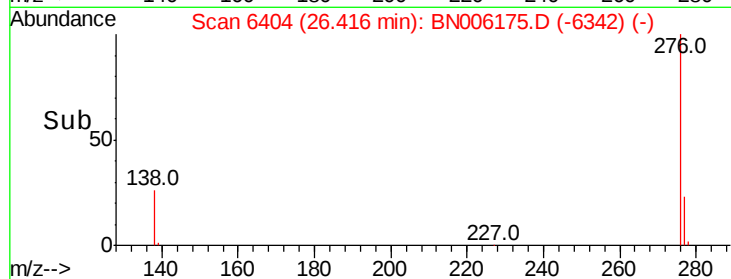
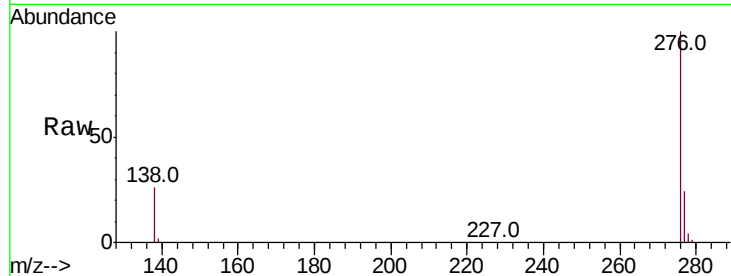
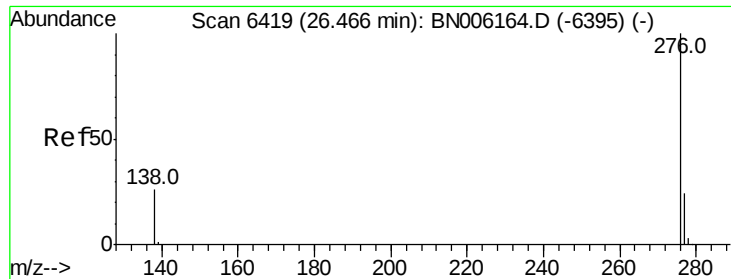
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.745 ng/ul
 RT: 25.74 min Scan# 6201
 Delta R.T. -0.01 min
 Lab File: BN006175.D
 Acq: 07 Jun 2019 19:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	21.2	31.8
279	26.4	22.6	33.8





#26
Benzo(a,h,i)perylene
Concen: 2.112 ng/ul
RT: 26.42 min Scan# 6404
Delta R.T. 0.01 min
Lab File: BN006175.D
Acq: 07 Jun 2019 19:54

Tot Ion:	276	Resp:	205210
Ion Ratio	Lower	Upper	
276	100		
138	26.3	24.2	36.4
277	24.1	21.5	32.3

Instrument :
BNA_N
ClientSampleId :
C0AC4DL

Manual Integrations
APPROVED

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