

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
 Data File : BN009261.D
 Acq On : 30 Dec 2019 15:55
 Operator : JU
 Sample : K6322-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C95

Manual Integrations
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Quant Time: Dec 30 16:38:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 11:05:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2522	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9350	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	5191	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	10080	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7050	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	7086	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	3165	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	5644	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	2028	0.072	ng/ul#	91
5) 2-Methylnaphthalene	11.93	142	652	0.030	ng/ul	98
7) Acenaphthylene	13.85	152	8607	0.316	ng/ul	98
8) Acenaphthene	14.20	153	1803	0.084	ng/ul	99
9) Fluorene	15.19	166	6416	0.254	ng/ul	97
12) Phenanthrene	16.92	178	101601	2.899	ng/ul	100
13) Anthracene	17.02	178	18547	0.590	ng/ul	100
15) Fluoranthene	18.95	202	178542	4.454	ng/ul	99
17) Pyrene	19.32	202	140071	3.894	ng/ul	98
18) Benzo(a)anthracene	21.07	228	57872	1.849	ng/ul	98
19) Chrysene	21.12	228	52814	1.679	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	67648m	2.045	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	25988m	0.779	ng/ul	
23) Benzo(a)pyrene	23.13	252	48526	1.674	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.31	276	32356	1.025	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.31	278	7105	0.283	ng/ul	93
26) Benzo(a,h,i)perylene	25.94	276	32354	1.216	ng/ul	97

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

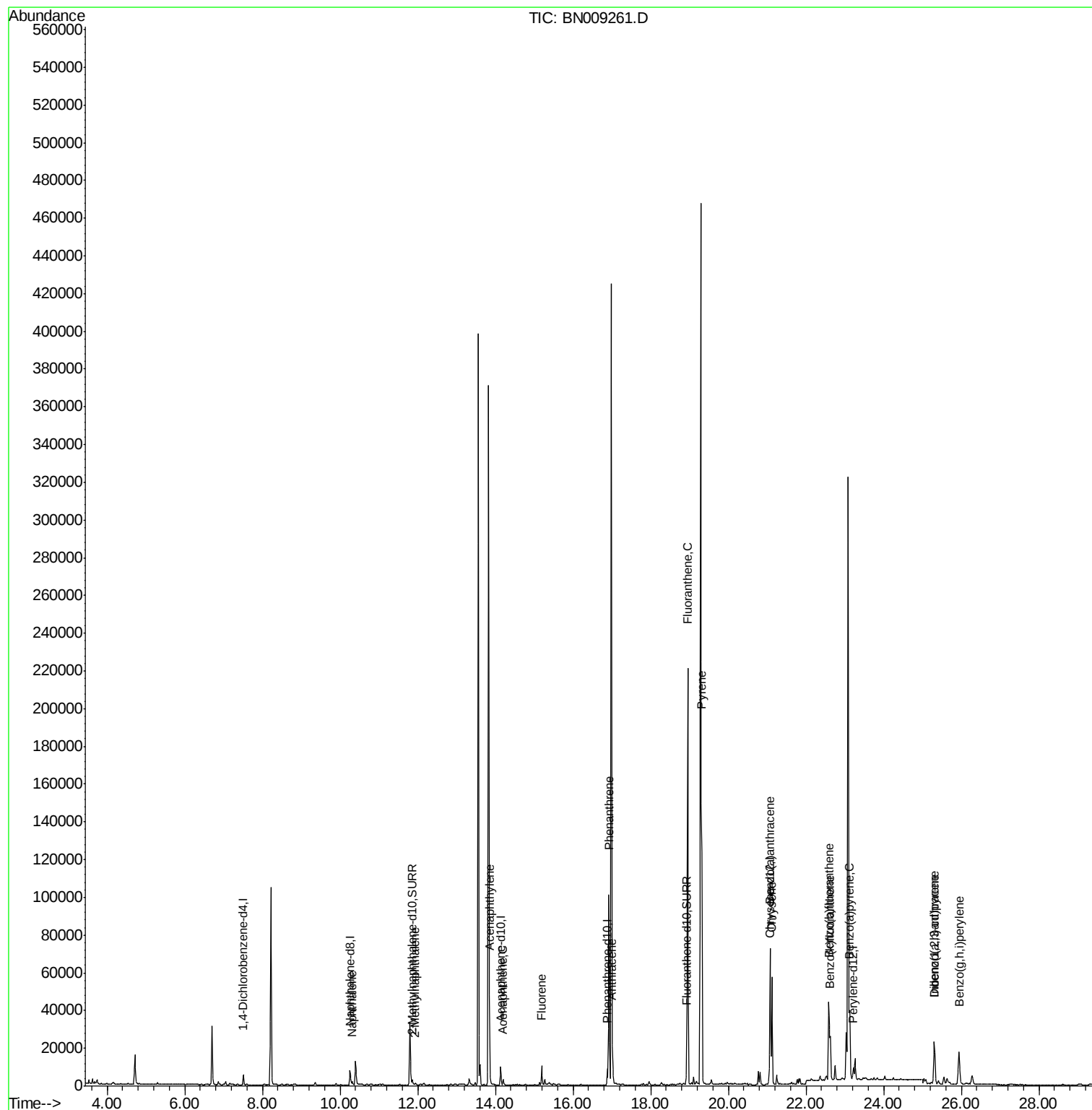
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
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ALS Vial : 11 Sample Multiplier: 1

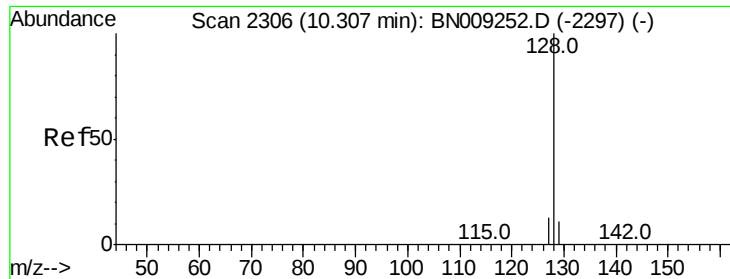
Instrument :
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Quant Time: Dec 30 16:38:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 11:05:47 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.072 ng/ul

RT: 10.31 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BN009261.D

Acq: 30 Dec 2019 15:55

Instrument :

BNA_N

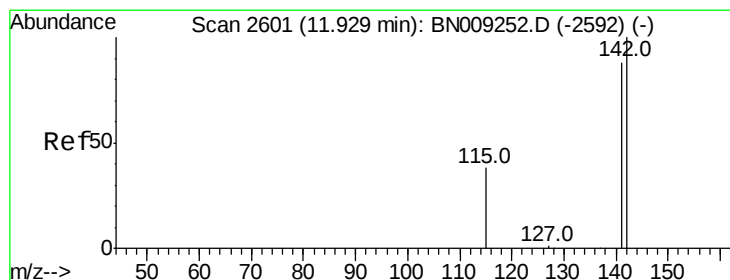
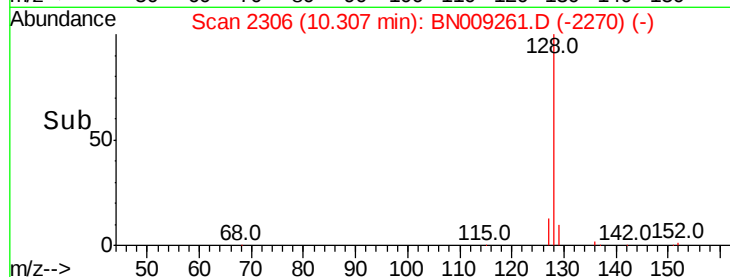
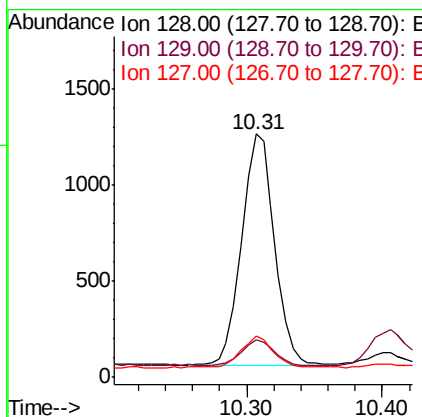
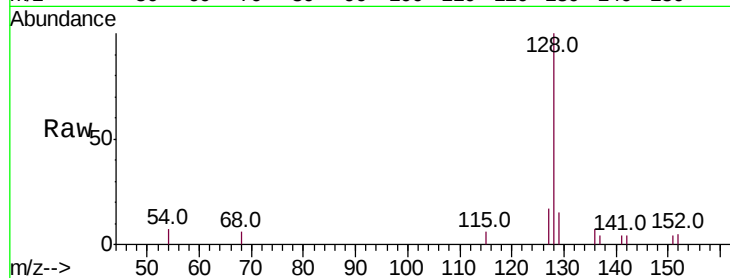
ClientSampleId :

C0C95

Tot Ion:	128	Resp:	2028
Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.0	13.4#
127	16.7	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

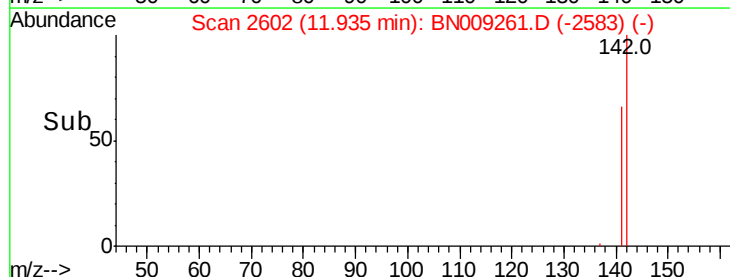
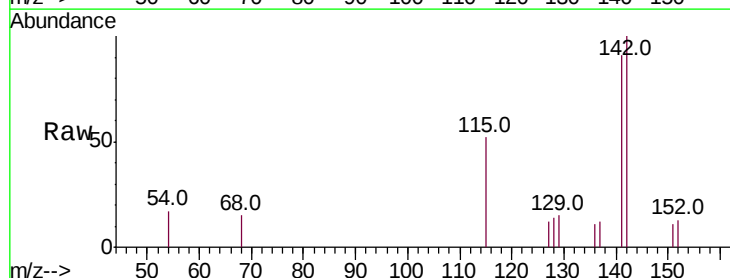
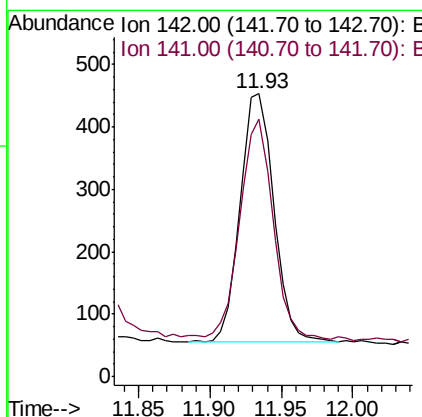
RT: 11.93 min Scan# 2602

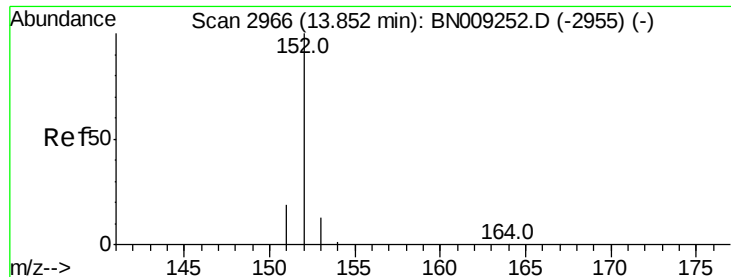
Delta R.T. 0.01 min

Lab File: BN009261.D

Acq: 30 Dec 2019 15:55

Tgt Ion:	142	Resp:	652
Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.2	105.4





#7

Acenaphthylene

Concen: 0.316 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. 0.00 min

Lab File: BN009261.D

Acq: 30 Dec 2019 15:55

Instrument :

BNA_N

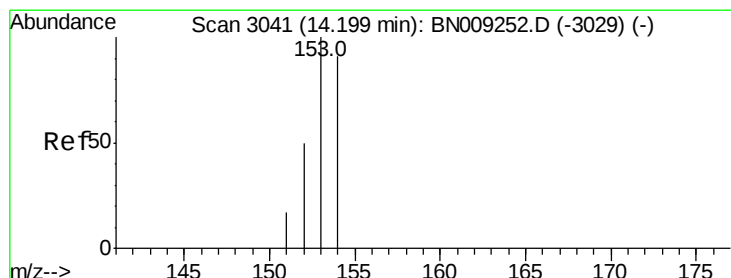
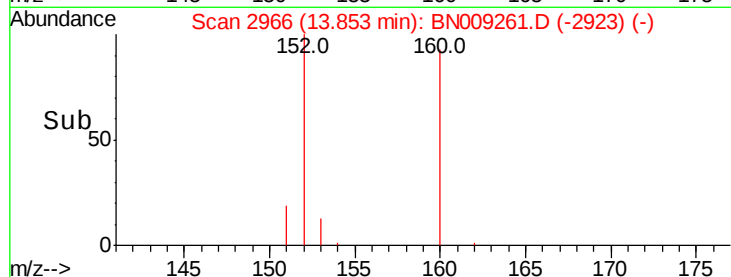
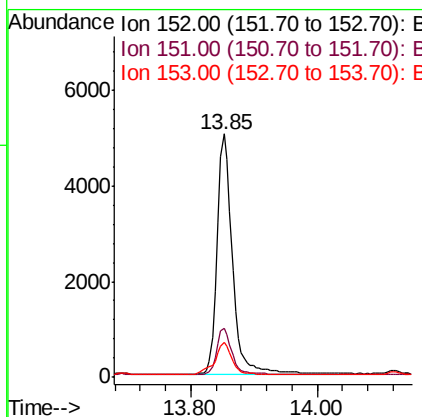
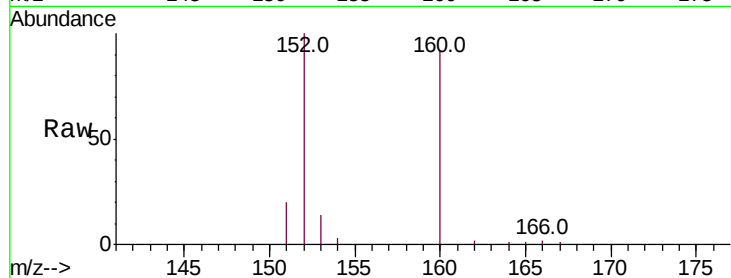
ClientSampleId :

C0C95

Tot Ion:	152	Resp:	8607
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.7	23.5
153	14.4	10.8	16.2

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#8

Acenaphthene

Concen: 0.084 ng/ul

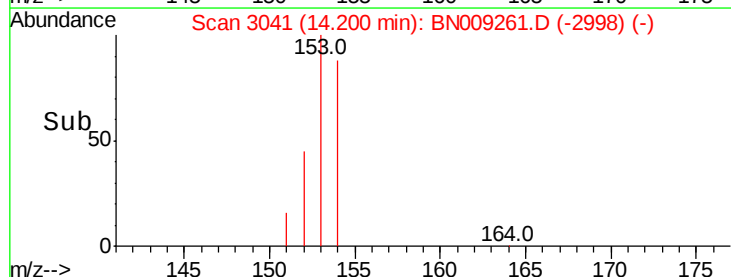
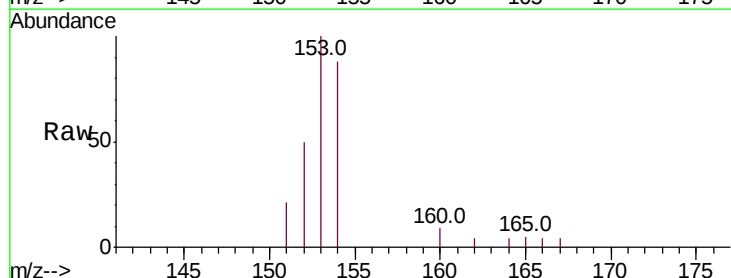
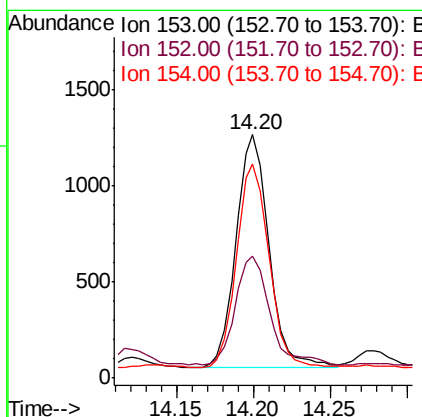
RT: 14.20 min Scan# 3041

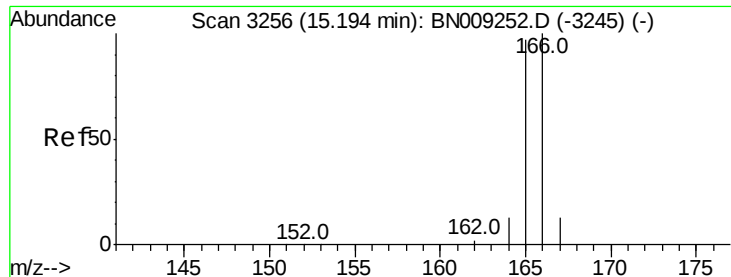
Delta R.T. 0.00 min

Lab File: BN009261.D

Acq: 30 Dec 2019 15:55

Tgt Ion:	153	Resp:	1803
Ion Ratio	Lower	Upper	
153	100		
152	50.2	39.5	59.3
154	87.9	71.3	106.9





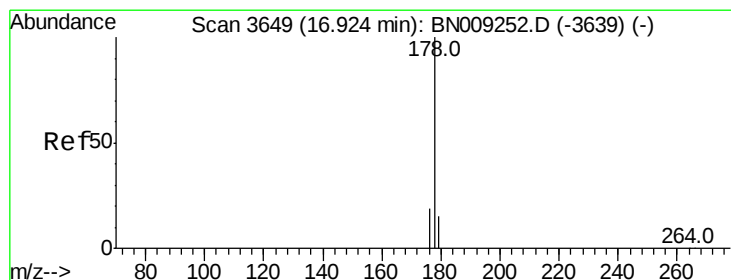
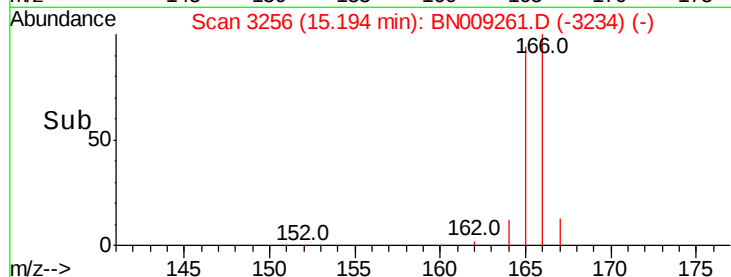
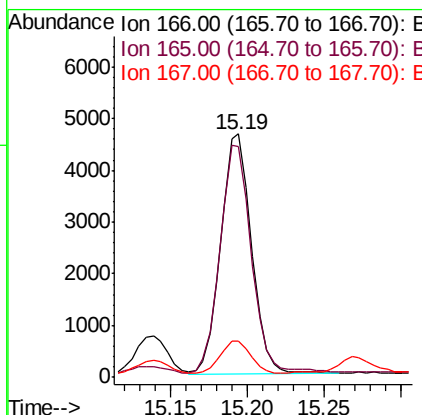
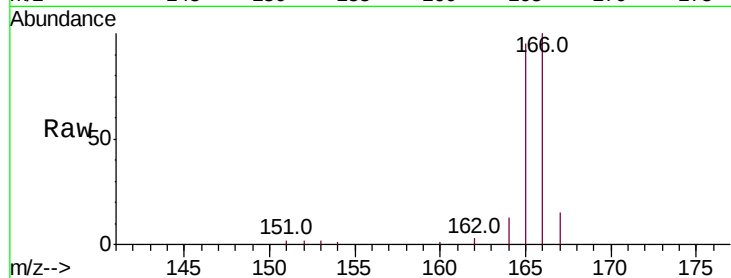
#9
Fluorene
 Concen: 0.254 ng/ul
 RT: 15.19 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: BN009261.D
 Acq: 30 Dec 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 C0C95

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.0	78.2	117.4
167	14.7	11.0	16.6

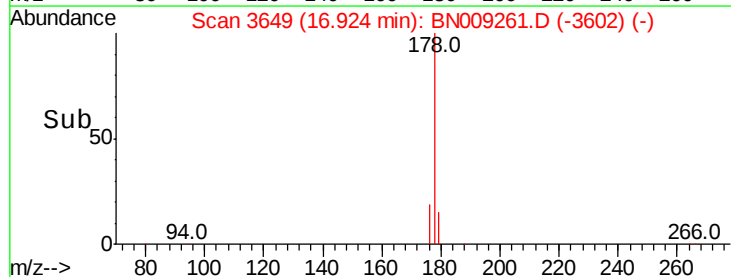
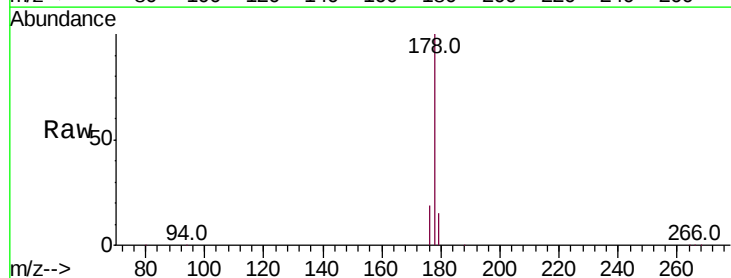
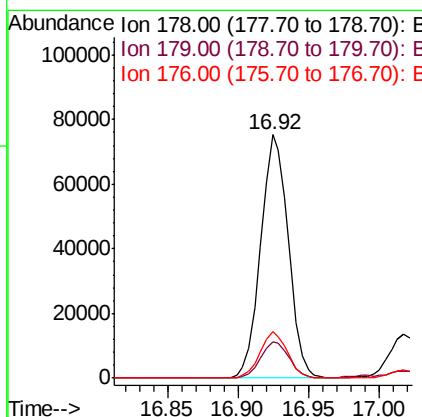
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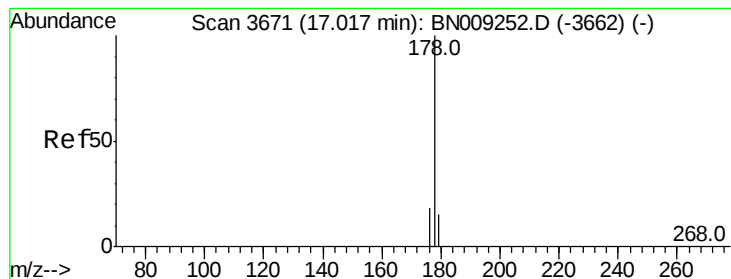
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#12
Phenanthrene
 Concen: 2.899 ng/ul
 RT: 16.92 min Scan# 3649
 Delta R.T. 0.00 min
 Lab File: BN009261.D
 Acq: 30 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.8	15.1	22.7





#13

Anthracene

Concen: 0.590 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BN009261.D

Acq: 30 Dec 2019 15:55

Instrument :

BNA_N

ClientSampleId :

C0C95

Tot Ion:178 Resp: 18547

Ion Ratio Lower Upper

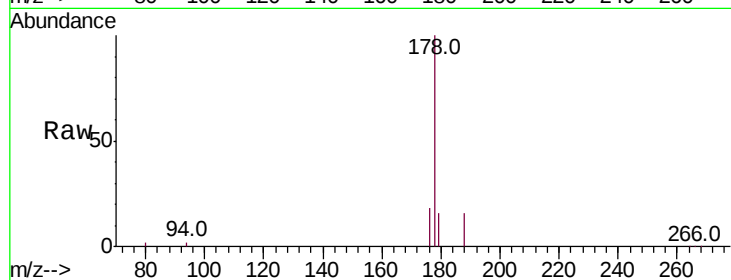
178 100

179 15.7 12.5 18.7

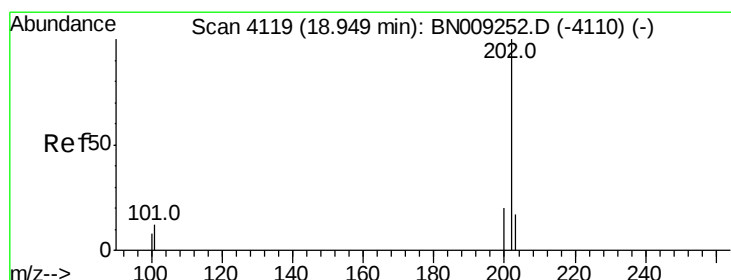
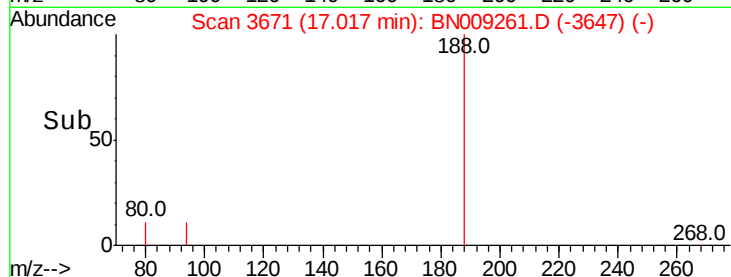
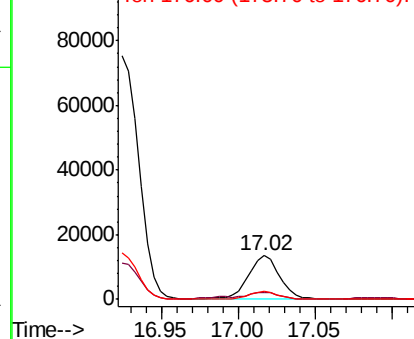
176 18.4 14.9 22.3

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 4.454 ng/ul

RT: 18.95 min Scan# 4119

Delta R.T. 0.00 min

Lab File: BN009261.D

Acq: 30 Dec 2019 15:55

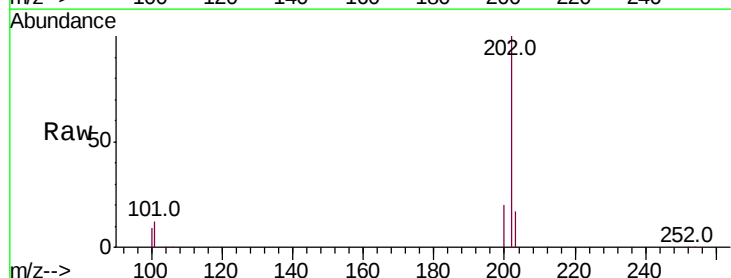
Tgt Ion:202 Resp: 178542

Ion Ratio Lower Upper

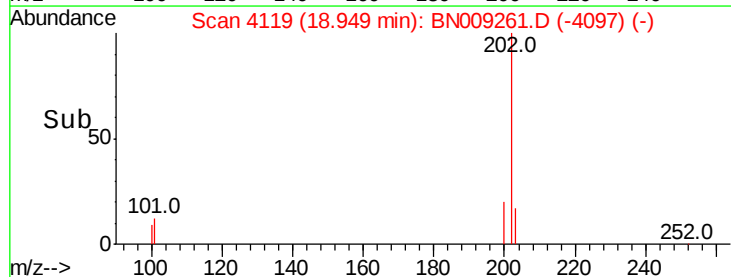
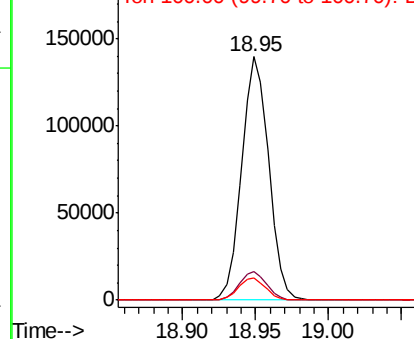
202 100

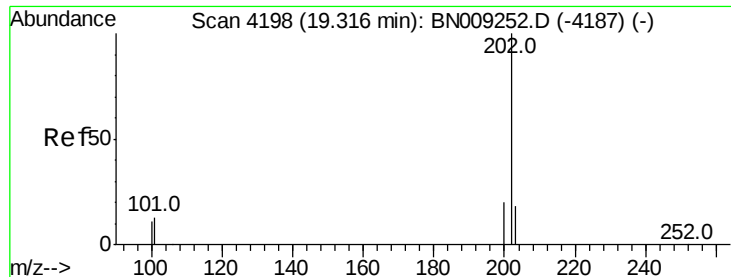
101 11.8 0.0 31.5

100 8.9 0.0 28.9



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





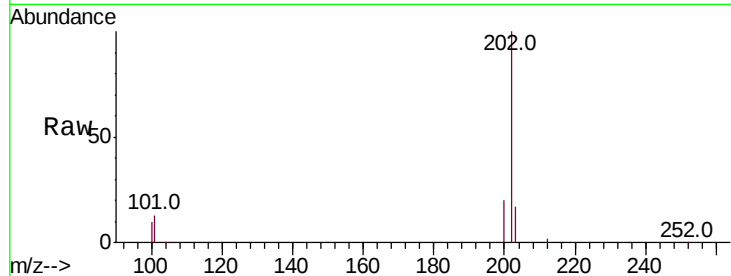
#17
Pvrene
Concen: 3.894 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009261.D
Acq: 30 Dec 2019 15:55

Instrument :
BNA_N
ClientSampleId :
C0C95

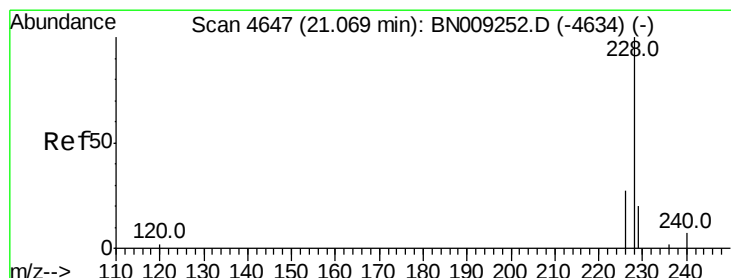
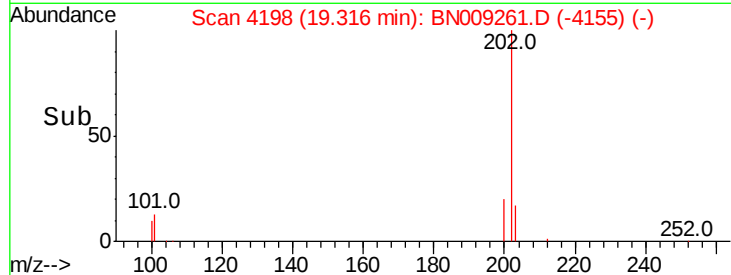
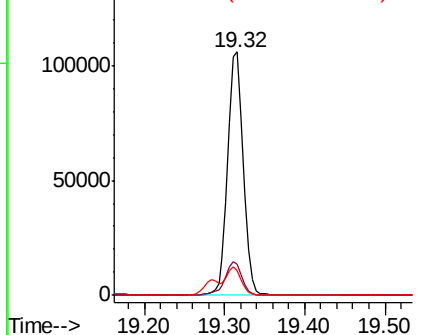
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	10.9	16.3
100	10.4	9.0	13.6

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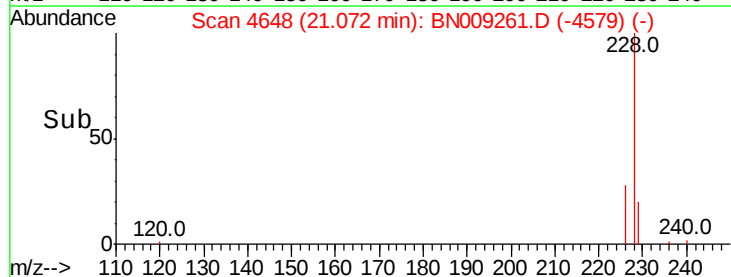
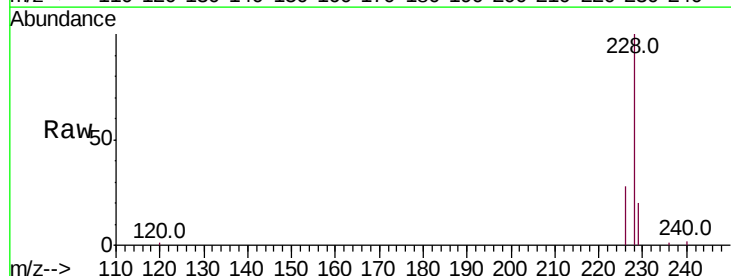
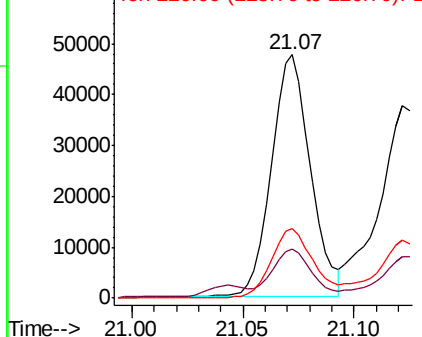
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

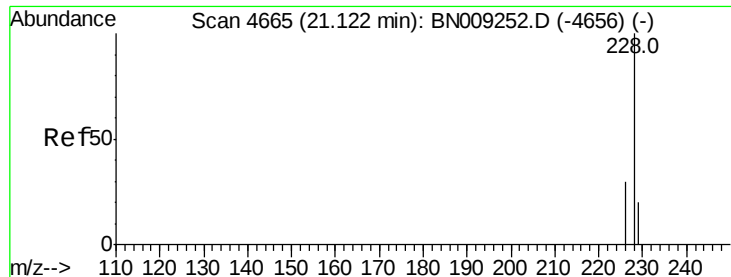


#18
Benzo(a)anthracene
Concen: 1.849 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009261.D
Acq: 30 Dec 2019 15:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	15.5	23.3
226	28.4	21.7	32.5

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: 1.679 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. 0.00 min

Lab File: BN009261.D

Acq: 30 Dec 2019 15:55

Instrument :

BNA_N

ClientSampleId :

C0C95

Tot Ion:228 Resp: 52814

Ion Ratio Lower Upper

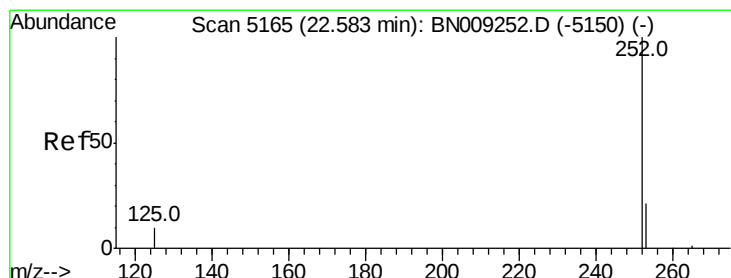
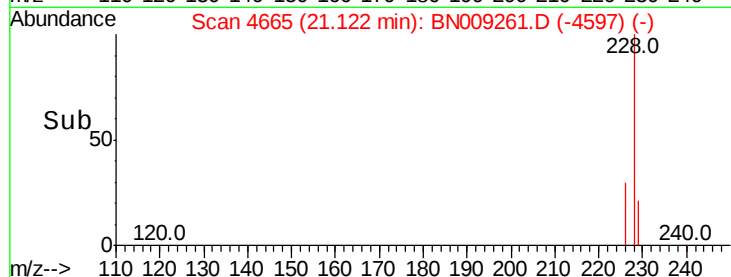
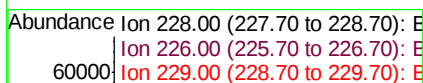
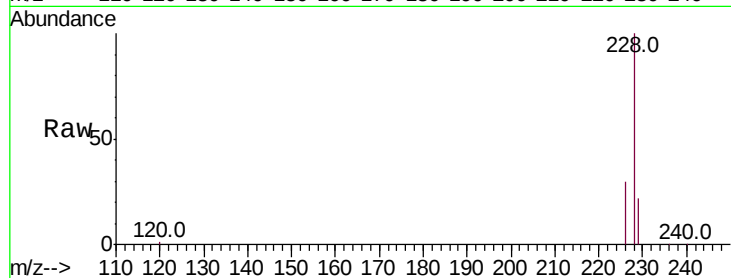
228 100

226 30.0 23.7 35.5

229 21.7 15.4 23.0

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#21

Benzo(b)fluoranthene

Concen: 2.045 ng/ul m

RT: 22.59 min Scan# 5167

Delta R.T. 0.01 min

Lab File: BN009261.D

Acq: 30 Dec 2019 15:55

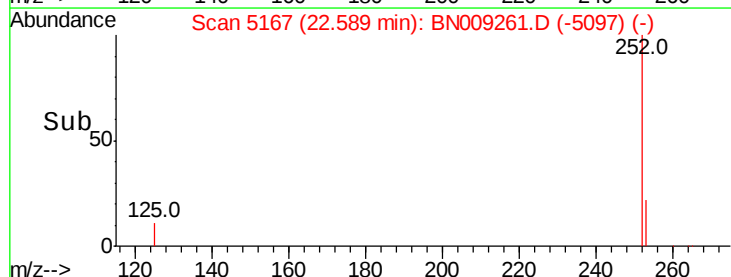
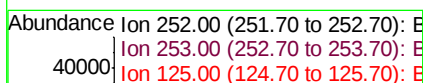
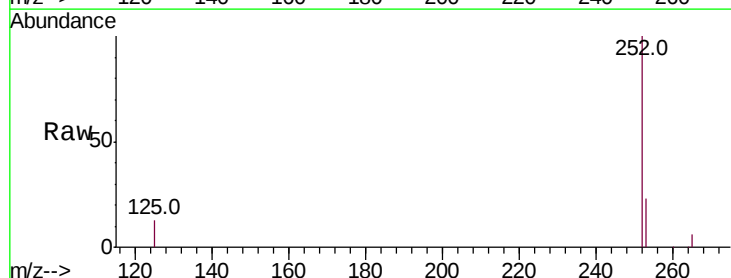
Tgt Ion:252 Resp: 67648

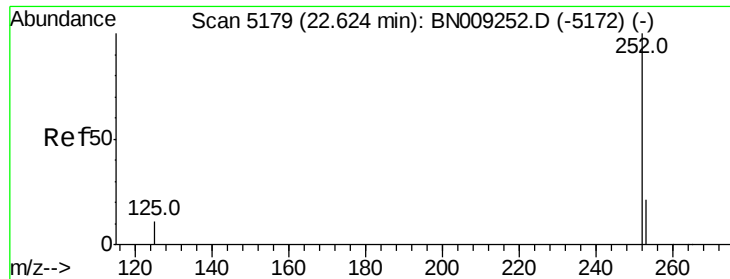
Ion Ratio Lower Upper

252 100

253 23.0 0.0 48.2

125 12.6 0.0 30.0





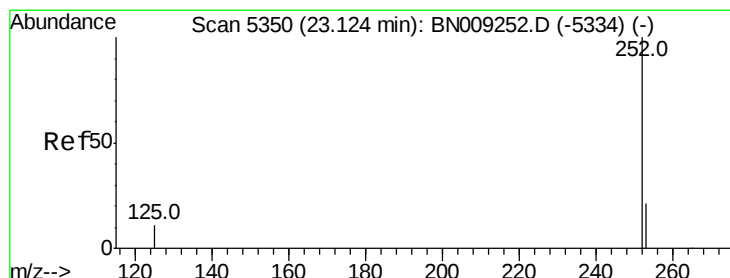
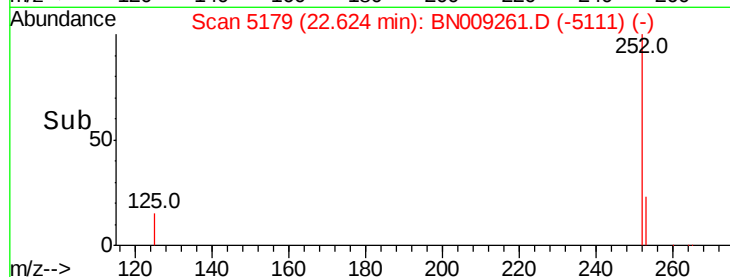
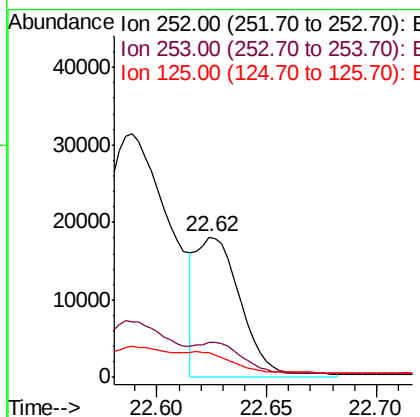
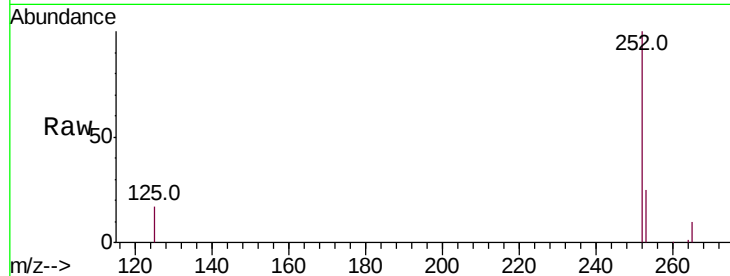
#22
Benzo(k)fluoranthene
Concen: 0.779 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BN009261.D
Acq: 30 Dec 2019 15:55

Instrument :
BNA_N
ClientSampleId :
C0C95

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.4	29.0
125	17.3	12.4	18.6

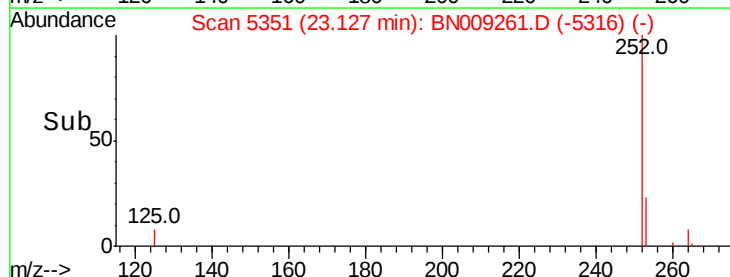
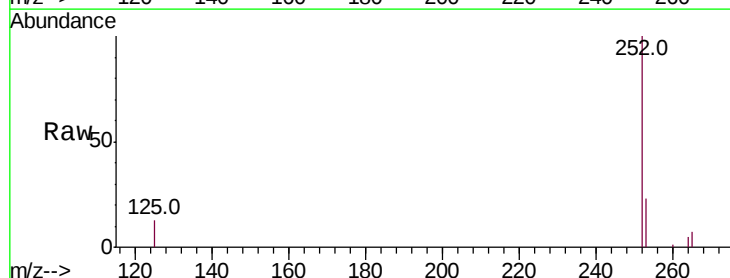
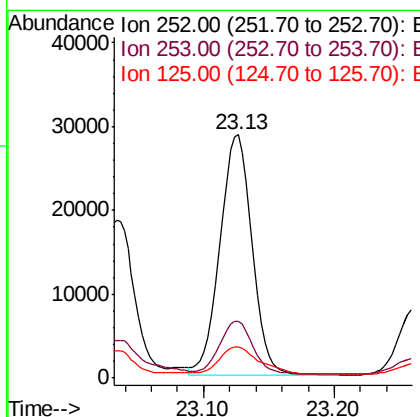
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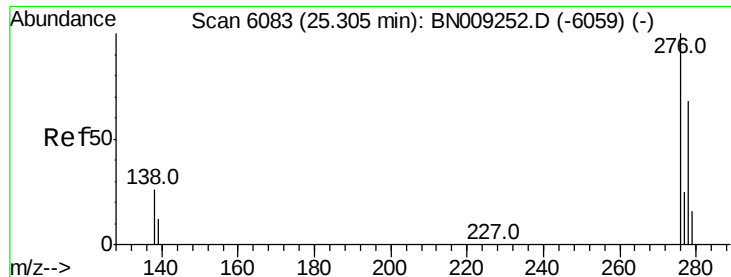
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#23
Benzo(a)pyrene
Concen: 1.674 ng/ul
RT: 23.13 min Scan# 5351
Delta R.T. 0.00 min
Lab File: BN009261.D
Acq: 30 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.2	30.4
125	12.8	13.2	19.8#





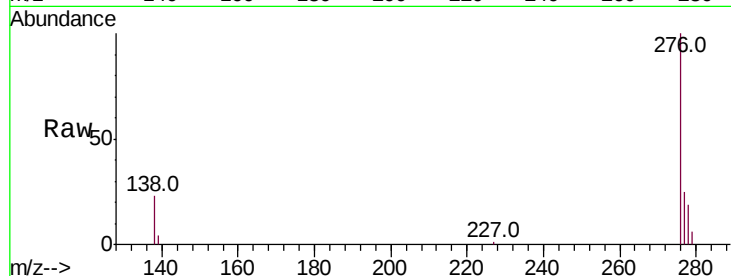
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.025 ng/ul
RT: 25.31 min Scan# 6083
Delta R.T. 0.00 min
Lab File: BN009261.D
Acq: 30 Dec 2019 15:55

Instrument :
BNA_N
ClientSampleId :
C0C95

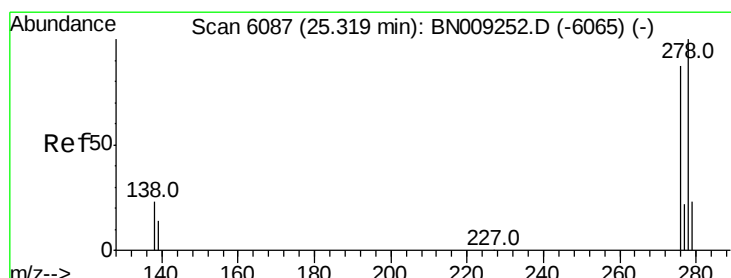
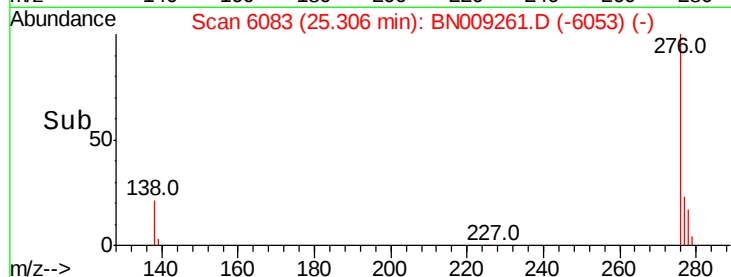
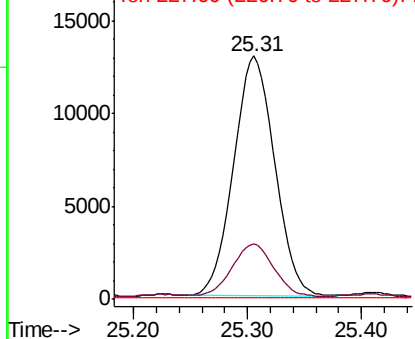
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.4	33.6#
227	0.2	0.2	0.4

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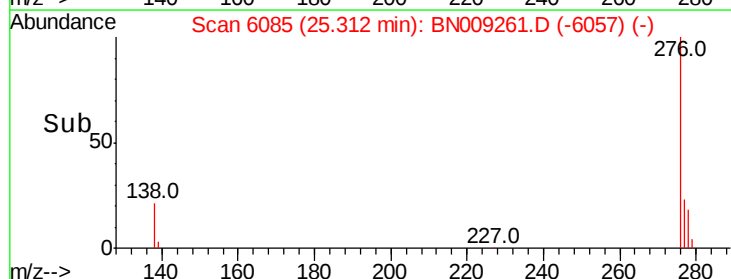
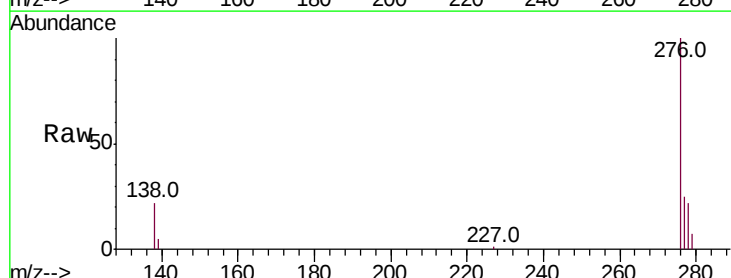
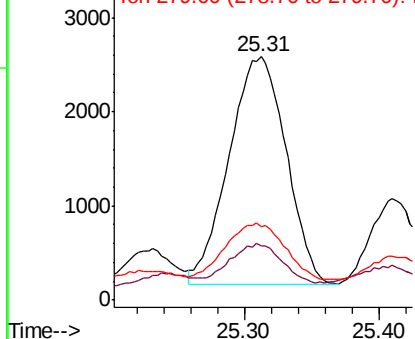
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

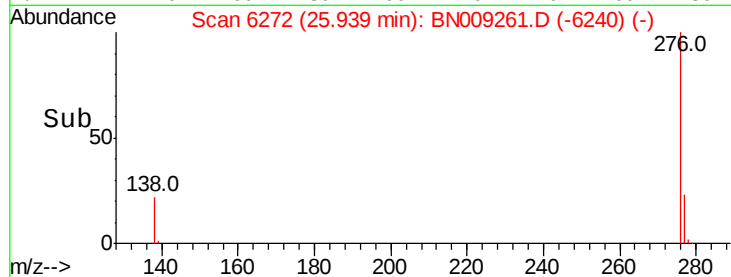
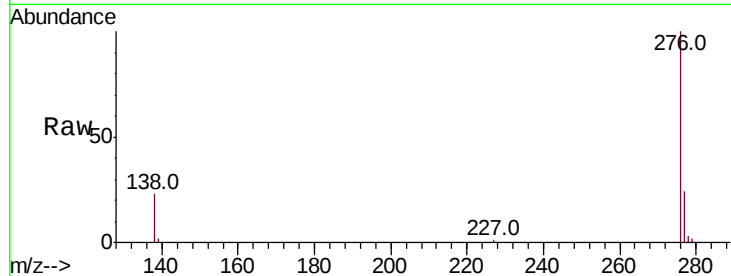
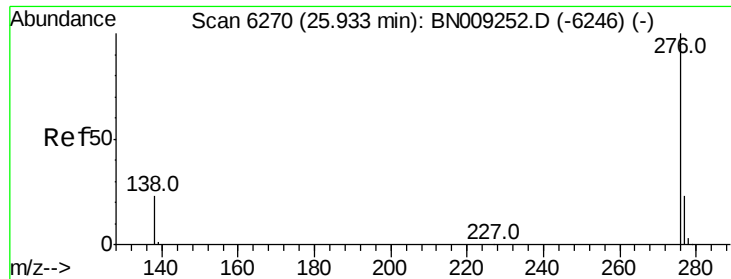


#25
Dibenzo(a,h)anthracene
Concen: 0.283 ng/ul
RT: 25.31 min Scan# 6085
Delta R.T. -0.01 min
Lab File: BN009261.D
Acq: 30 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	16.2	24.2
279	30.4	20.3	30.5

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: 1.216 ng/ul

RT: 25.94 min Scan# 6272

Delta R.T. 0.01 min

Lab File: BN009261.D

Acq: 30 Dec 2019 15:55

Instrument :

BNA_N

ClientSampleId :

C0C95

Tot Ion:	276	Resp:	32354
Ion Ratio	Lower	Upper	
276	100		
138	23.3	20.6	30.8
277	24.0	19.6	29.4

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