

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009068.D
 Acq On : 20 Dec 2019 15:06
 Operator : JU
 Sample : K6171-01DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BS0DL

Manual Integrations
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mohammad
 12/23/2019 11:54:19 AM

Quant Time: Dec 20 23:02:11 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 : Fri Dec 20 22:55:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3744	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	14137	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	7326	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	13562	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	7795	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	7955	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	726	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	1229	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.88	152	1325	0.034	ng/ul#	91
9) Fluorene	15.22	166	1107	0.031	ng/ul#	98
12) Phenanthrene	16.95	178	24680	0.523	ng/ul	100
13) Anthracene	17.04	178	4672	0.110	ng/ul	96
15) Fluoranthene	18.98	202	40248	0.746	ng/ul	98
17) Pyrene	19.34	202	31671	0.796	ng/ul	98
18) Benzo(a)anthracene	21.10	228	12008	0.347	ng/ul	97
19) Chrysene	21.15	228	11851	0.341	ng/ul	96
21) Benzo(b)fluoranthene	22.63	252	14382m	0.387	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	4854m	0.130	ng/ul	
23) Benzo(a)pyrene	23.16	252	9538	0.293	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.35	276	6718	0.190	ng/ul	93
25) Dibenzo(a,h)anthracene	25.36	278	1556	0.055	ng/ul#	50
26) Benzo(g,h,i)perylene	25.99	276	6689	0.224	ng/ul	94

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

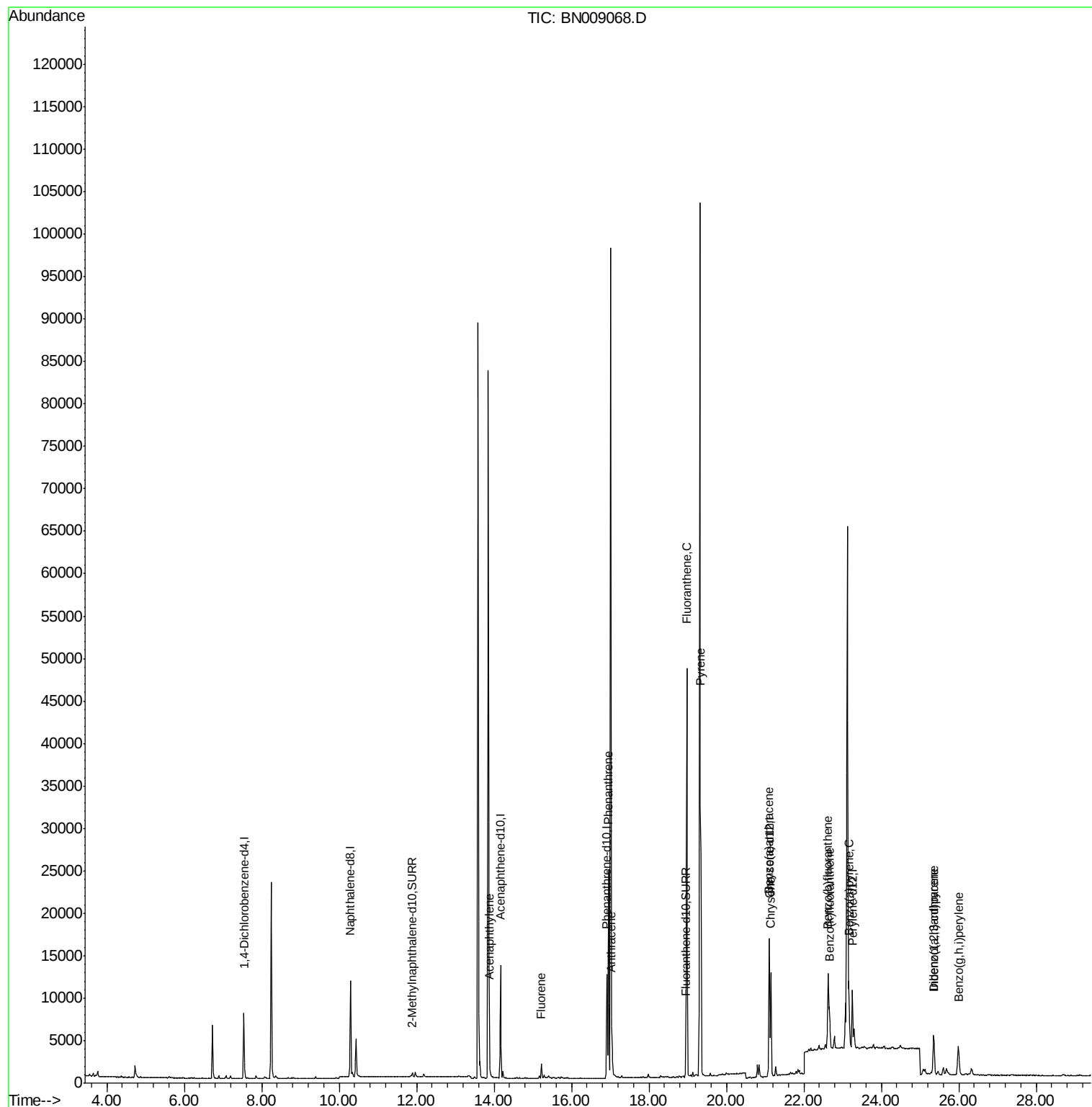
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009068.D
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Sample : K6171-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

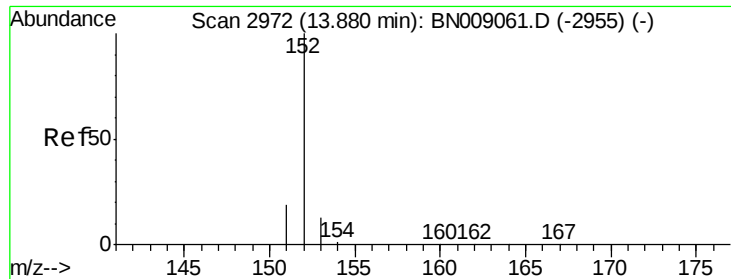
Instrument :
BNA_N
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Quant Time: Dec 20 23:02:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 22:55:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.88 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

Instrument :

BNA_N

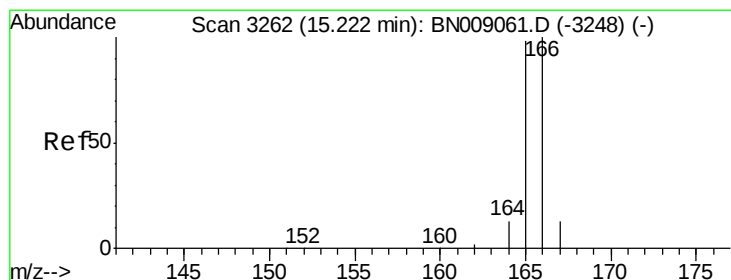
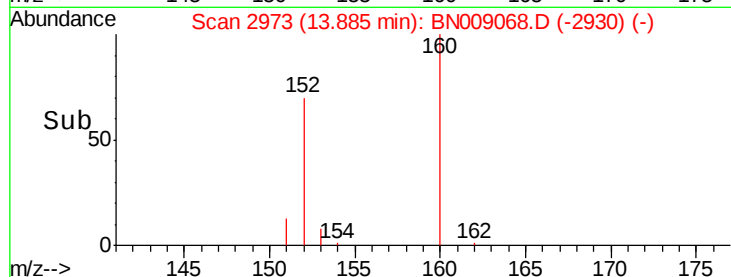
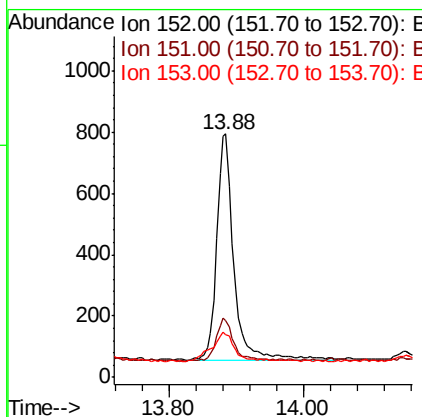
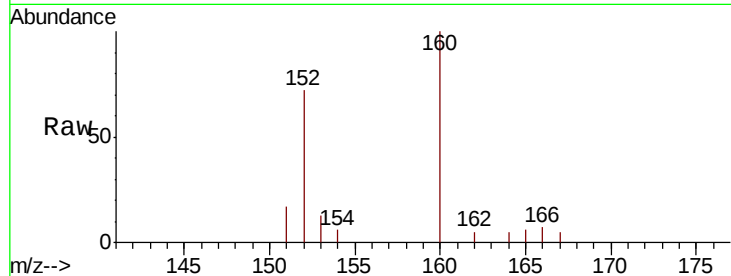
ClientSampleId :

C0BS0DL

Tot Ion:	152	Resp:	1325
Ion Ratio	Lower	Upper	
152	100		
151	23.4	15.7	23.5
153	17.5	10.8	16.2#

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#9

Fluorene

Concen: 0.031 ng/ul

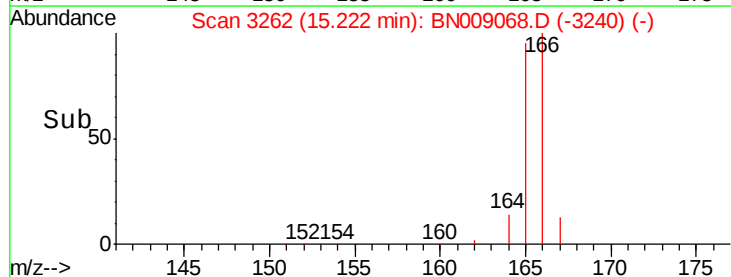
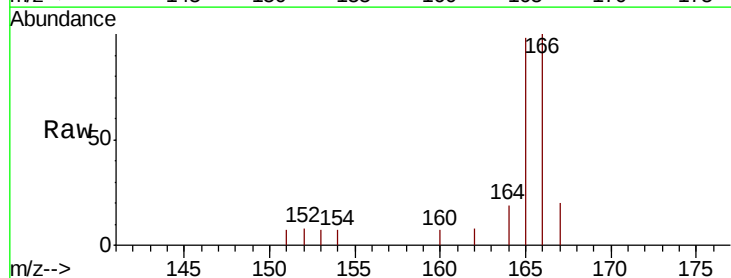
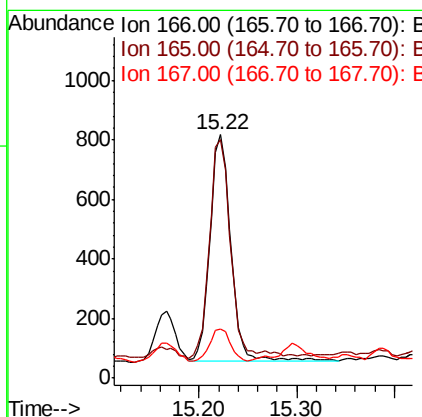
RT: 15.22 min Scan# 3262

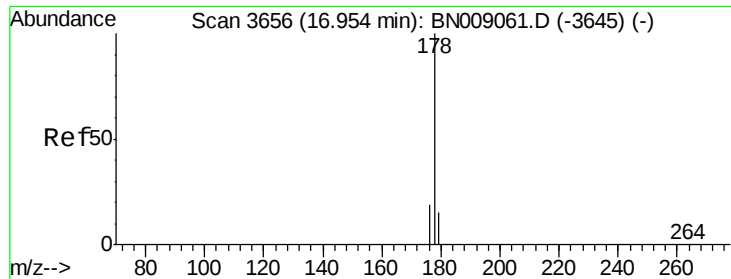
Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

Tgt Ion:	166	Resp:	1107
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.2	117.4
167	20.3	11.0	16.6#





#12

Phenanthrene

Concen: 0.523 ng/ul

RT: 16.95 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

Instrument :

BNA_N

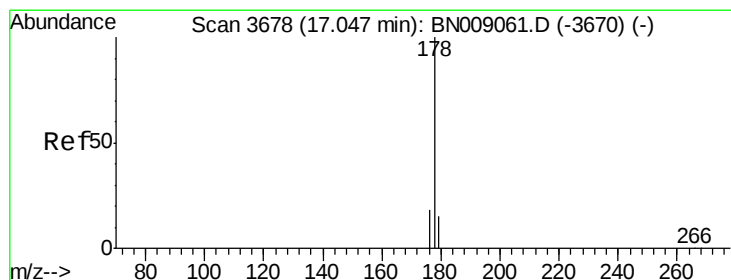
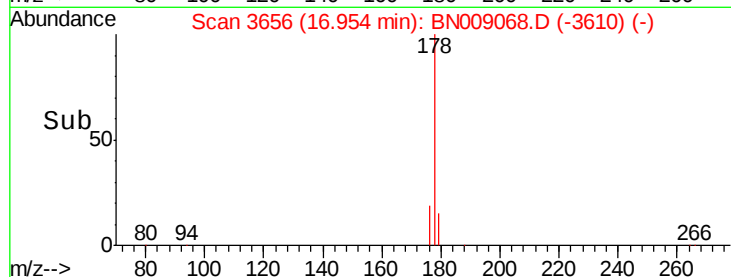
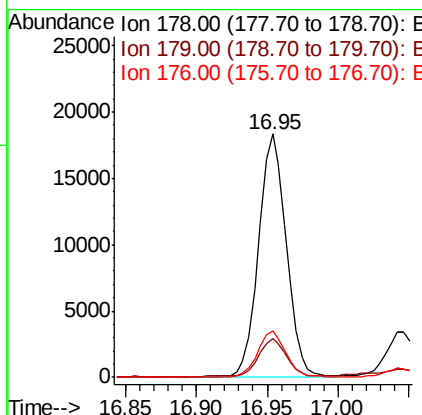
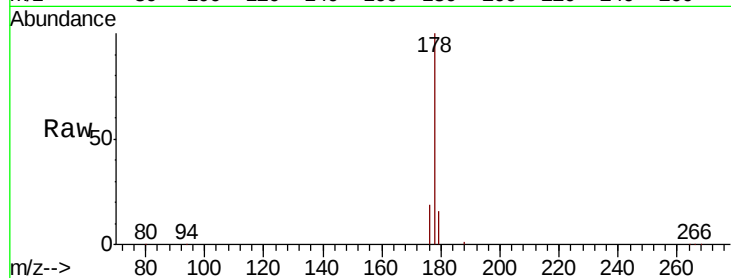
ClientSampleId :

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Tot Ion:	178	Resp:	24680
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	18.9	15.1	22.7

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#13

Anthracene

Concen: 0.110 ng/ul

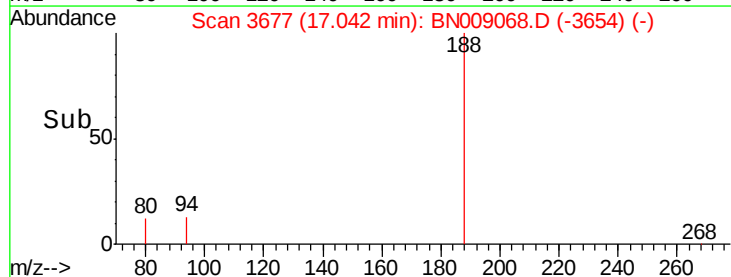
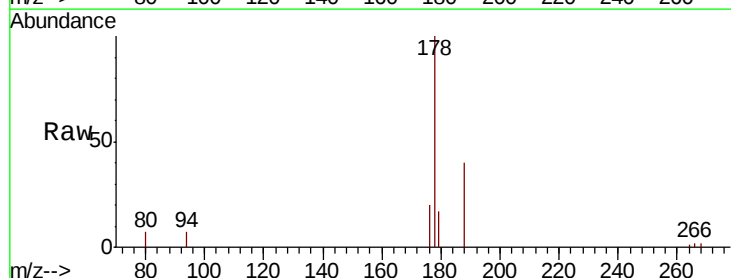
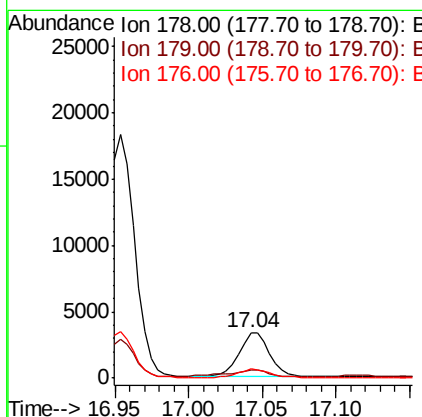
RT: 17.04 min Scan# 3677

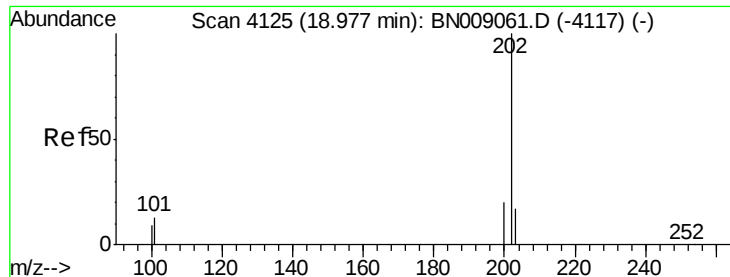
Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

Tgt Ion:	178	Resp:	4672
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.5	18.7
176	19.9	14.9	22.3





#15

Fluoranthene

Concen: 0.746 ng/ul

RT: 18.98 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

Instrument :

BNA_N

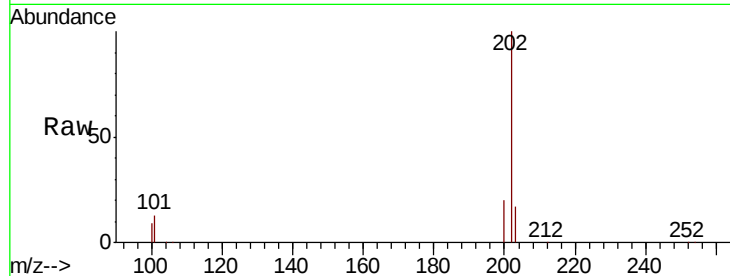
ClientSampleId :

C0BS0DL

Tot Ion:	202	Resp:	40248
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	31.5
100	9.4	0.0	28.9

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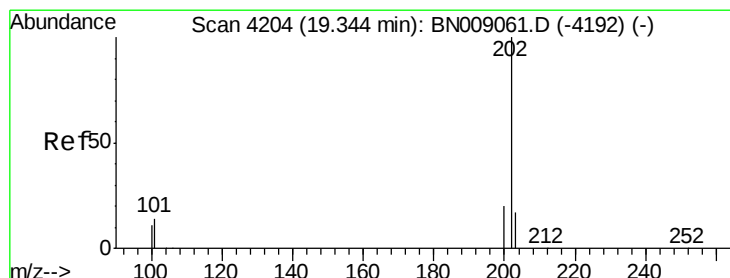
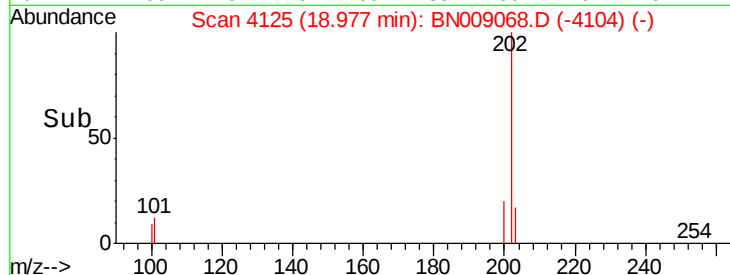
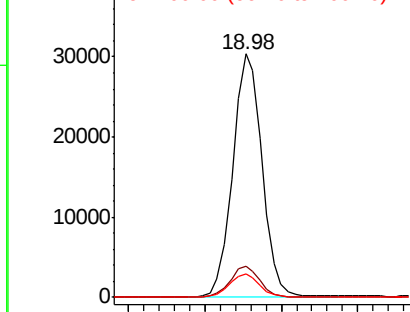


Abundance

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



#17

Pyrene

Concen: 0.796 ng/ul

RT: 19.34 min Scan# 4203

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

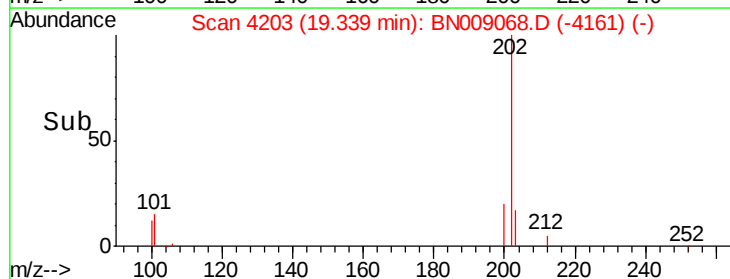
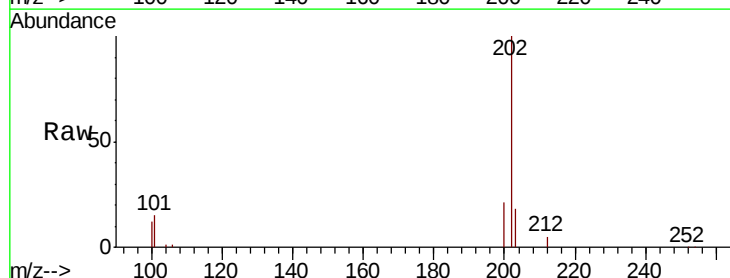
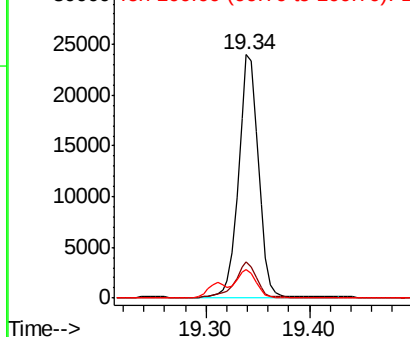
Tgt Ion:	202	Resp:	31671
Ion Ratio	Lower	Upper	
202	100		
101	14.9	10.9	16.3
100	11.9	9.0	13.6

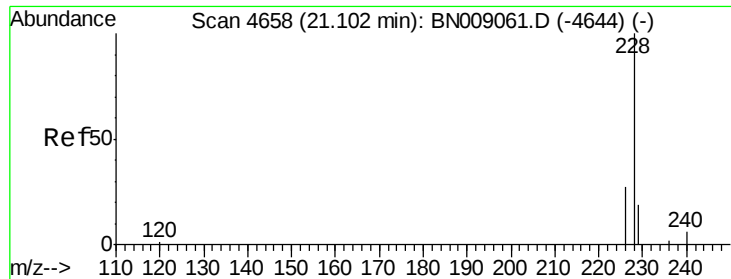
Abundance

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





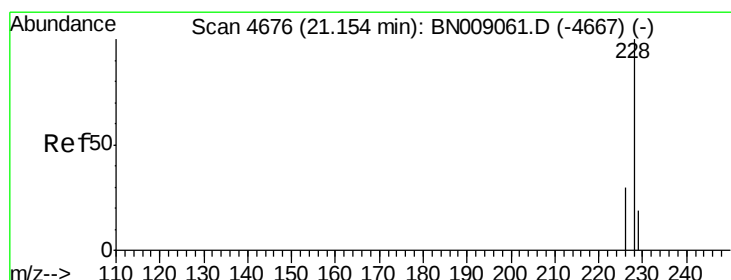
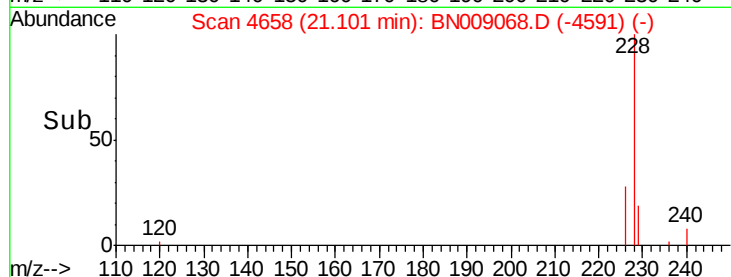
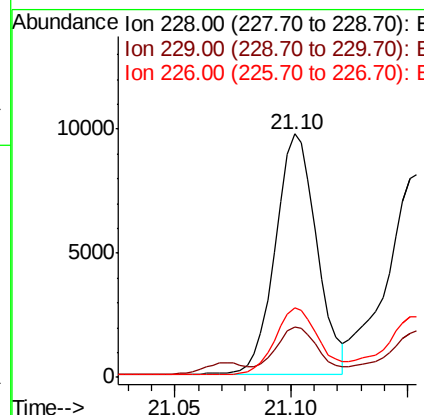
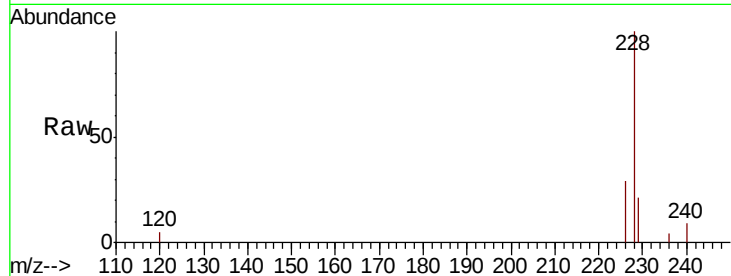
#18
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009068.D
Acq: 20 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.5	23.3
226	28.6	21.7	32.5

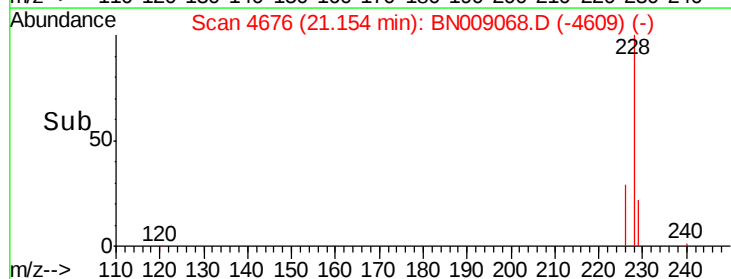
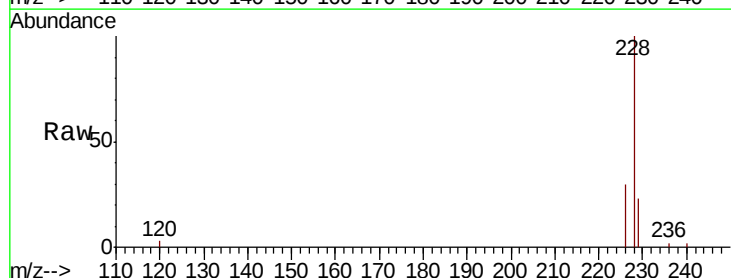
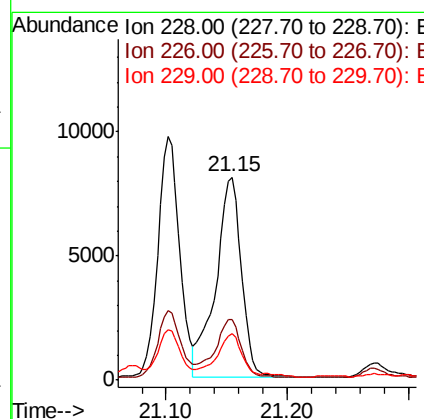
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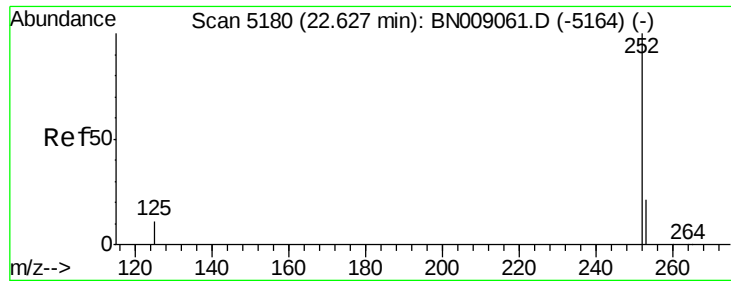
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#19
Chrysene
Concen: 0.341 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009068.D
Acq: 20 Dec 2019 15:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	22.7	15.4	23.0





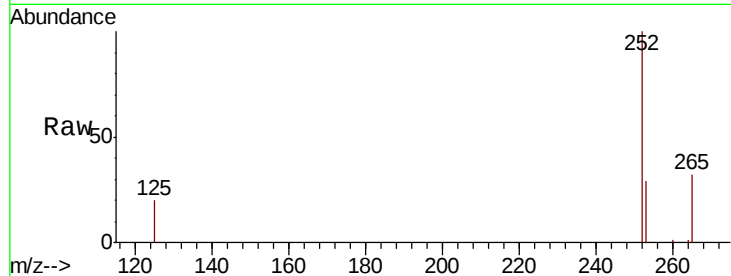
#21
Benzo(b)fluoranthene
Concen: 0.387 ng/ul m
RT: 22.63 min Scan# 5180
Delta R.T. -0.00 min
Lab File: BN009068.D
Acq: 20 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
C0BS0DL

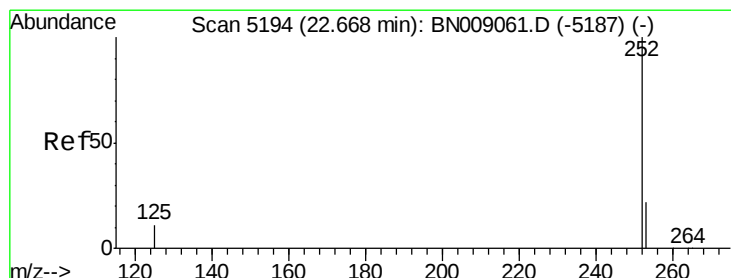
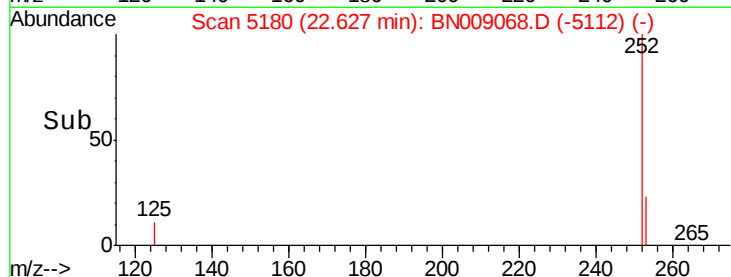
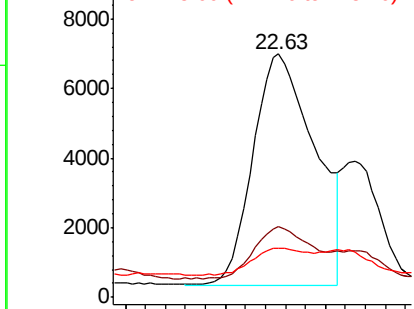
Tot Ion	Ratio	Resp	Lower	Upper
252	100	14382		
253	29.1	0.0	48.2	
125	19.9	0.0	30.0	

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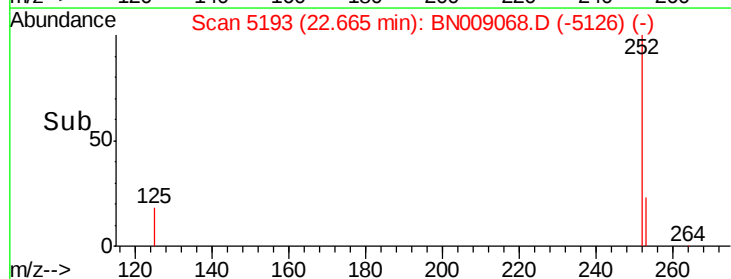
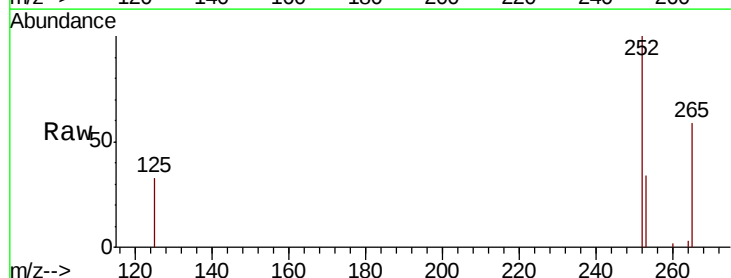
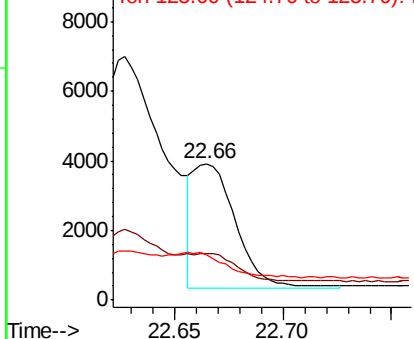
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

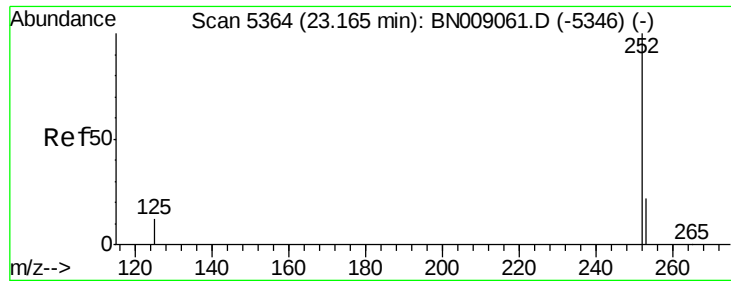


#22
Benzo(k)fluoranthene
Concen: 0.130 ng/ul m
RT: 22.66 min Scan# 5193
Delta R.T. -0.00 min
Lab File: BN009068.D
Acq: 20 Dec 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	4854		
253	34.0	19.4	29.0#	
125	32.7	12.4	18.6#	

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





#23

Benzo(a)pyrene

Concen: 0.293 ng/u1

RT: 23.16 min Scan# 5363

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

Instrument :

BNA_N

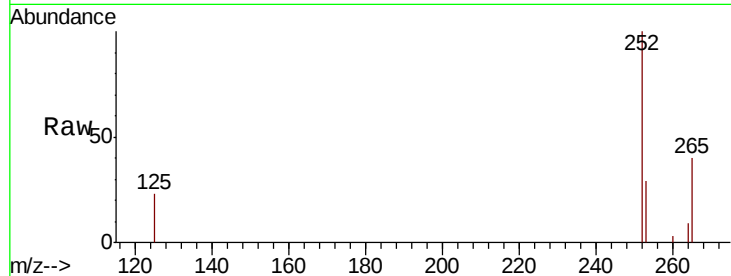
ClientSampleId :

C0BS0DL

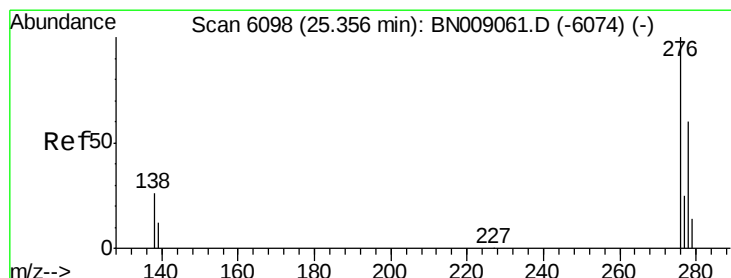
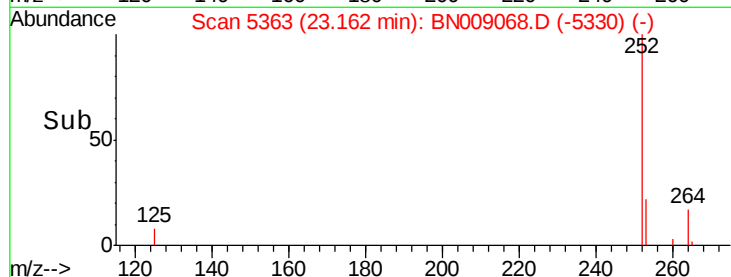
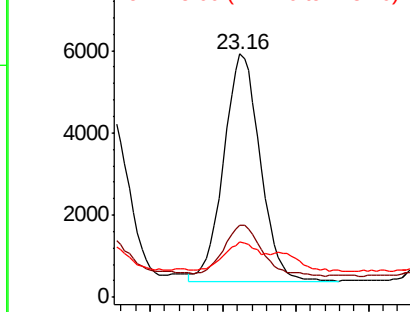
Tot Ion:	252	Resp:	9538
Ion Ratio	Lower	Upper	
252	100		
253	29.4	20.2	30.4
125	22.5	13.2	19.8

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.190 ng/u1

RT: 25.35 min Scan# 6097

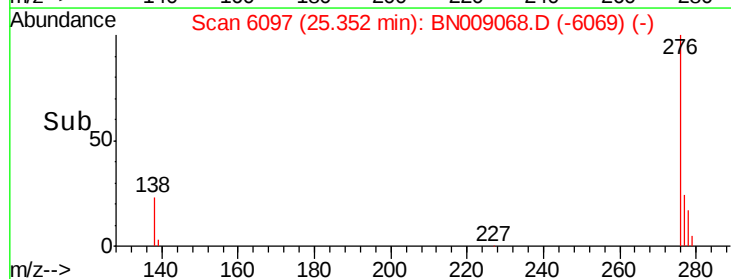
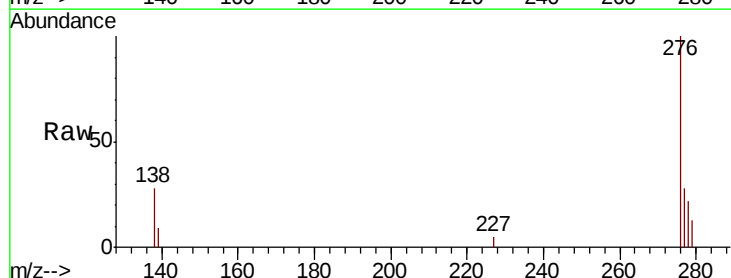
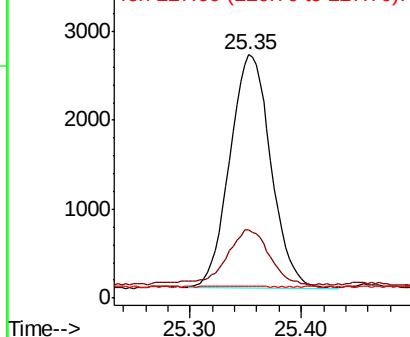
Delta R.T. -0.01 min

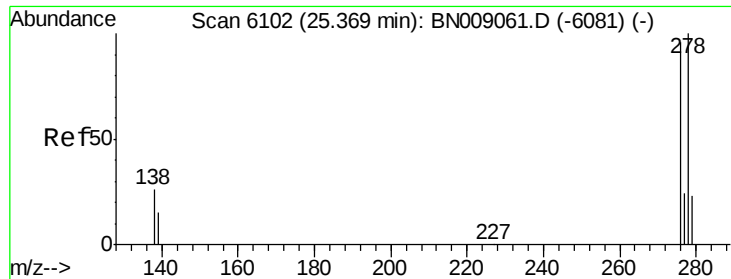
Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

Tgt Ion:	276	Resp:	6718
Ion Ratio	Lower	Upper	
276	100		
138	24.2	22.4	33.6
227	0.3	0.2	0.4

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





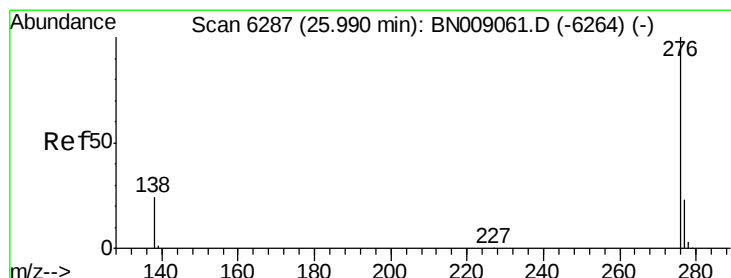
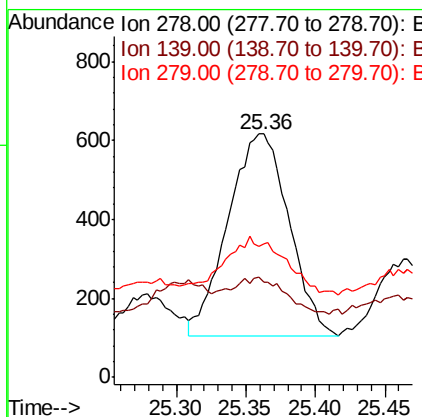
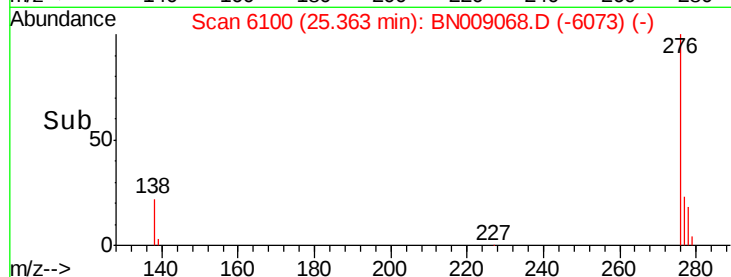
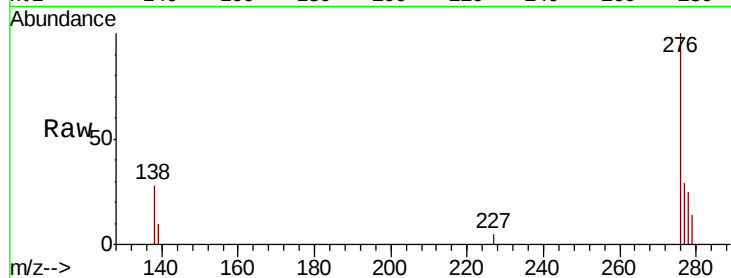
#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 25.36 min Scan# 6100
Delta R.T. -0.01 min
Lab File: BN009068.D
Acq: 20 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
C0BS0DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	39.1	16.2	24.2#
279	54.6	20.3	30.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.224 ng/ul
RT: 25.99 min Scan# 6287
Delta R.T. -0.00 min
Lab File: BN009068.D
Acq: 20 Dec 2019 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	20.6	30.8
277	27.8	19.6	29.4

