

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
 Data File : BN009253.D
 Acq On : 30 Dec 2019 10:23
 Operator : JU
 Sample : K6278-19
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C72

Manual Integrations
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mohammad
 12/31/2019 8:27:44 AM

Quant Time: Dec 30 11:10:48 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	2374	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8580	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	4446	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8613	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	6576	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	6905	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2513	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	4809	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	524	0.020	ng/ul#	65
5) 2-Methylnaphthalene	11.93	142	414	0.021	ng/ul	98
12) Phenanthrene	16.92	178	7313	0.244	ng/ul	98
13) Anthracene	17.02	178	1047	0.039	ng/ul#	85
15) Fluoranthene	18.95	202	18023	0.526	ng/ul	98
17) Pyrene	19.32	202	14020	0.418	ng/ul	99
18) Benzo(a)anthracene	21.07	228	5955	0.204	ng/ul	97
19) Chrysene	21.12	228	7569	0.258	ng/ul	96
21) Benzo(b)fluoranthene	22.59	252	9041m	0.280	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	3561m	0.110	ng/ul	
23) Benzo(a)pyrene	23.13	252	5052	0.179	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.31	276	4003	0.130	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.31	278	1048	0.043	ng/ul#	41
26) Benzo(g,h,i)perylene	25.94	276	3518	0.136	ng/ul	92

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

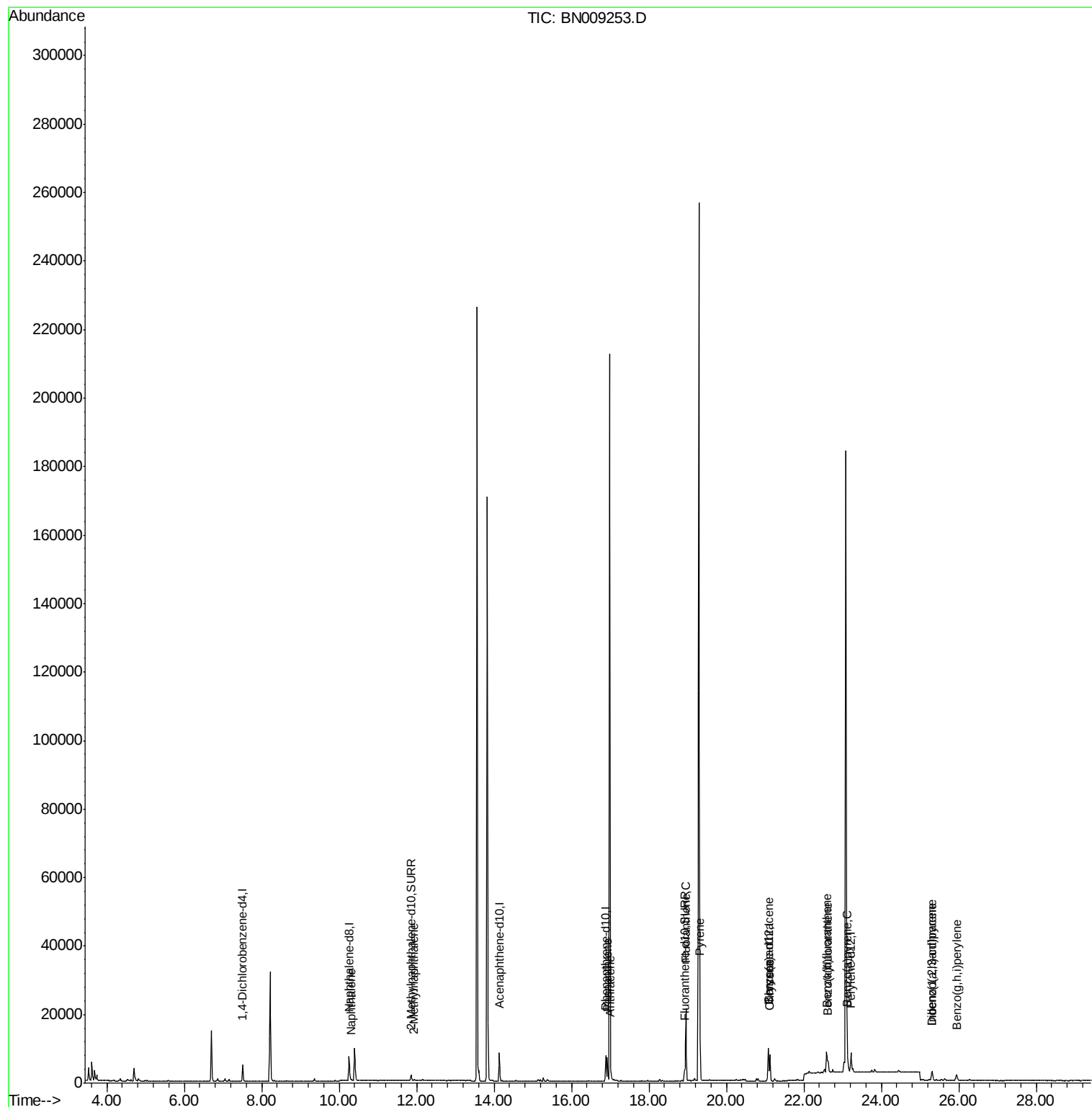
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
Data File : BN009253.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

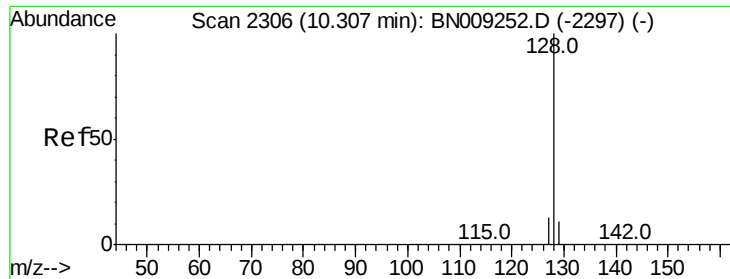
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 30 11:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 11:05:47 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.31 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BN009253.D

Acq: 30 Dec 2019 10:23

Instrument :

BNA_N

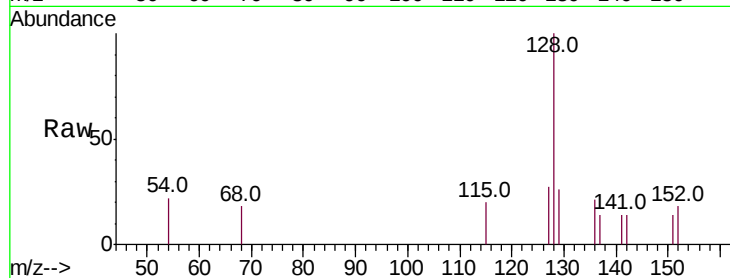
ClientSampled :

C0C72

Tot Ion:	128	Resp:	524
Ion	Ratio	Lower	Upper
128	100		
129	25.6	9.0	13.4#
127	26.7	10.9	16.3#

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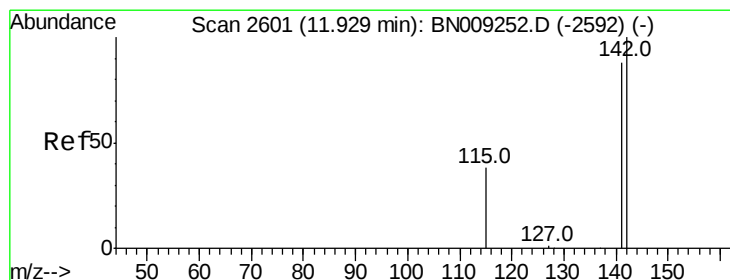
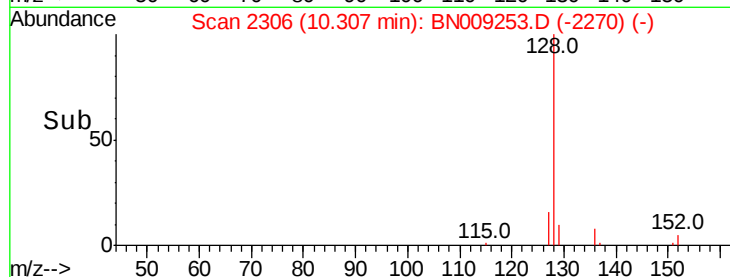
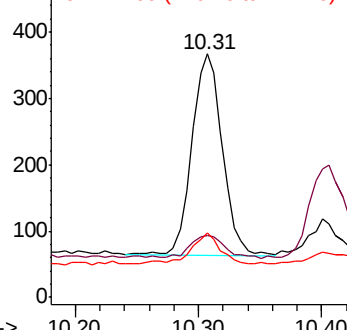
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

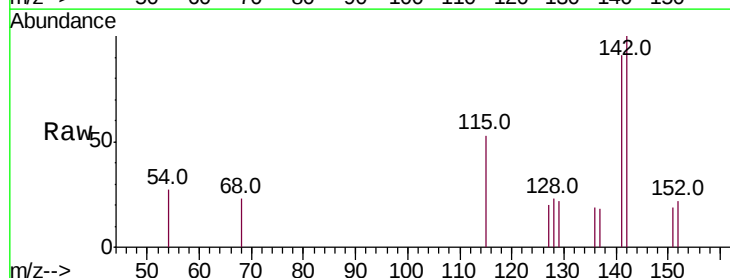
RT: 11.93 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BN009253.D

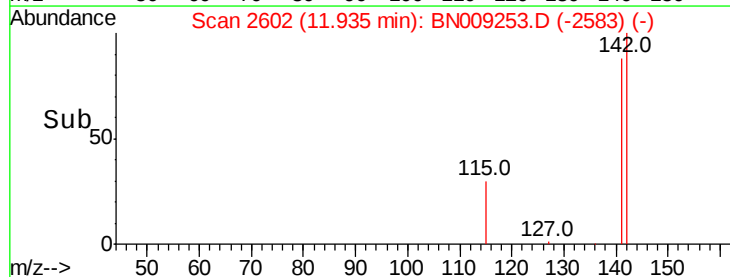
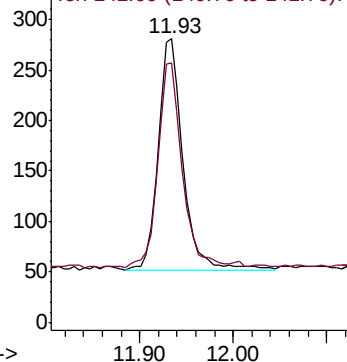
Acq: 30 Dec 2019 10:23

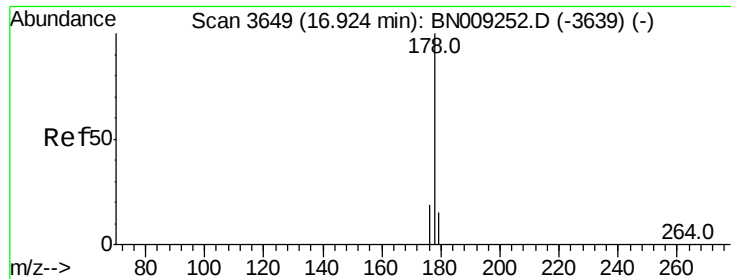
Tgt Ion:	142	Resp:	414
Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.2	105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





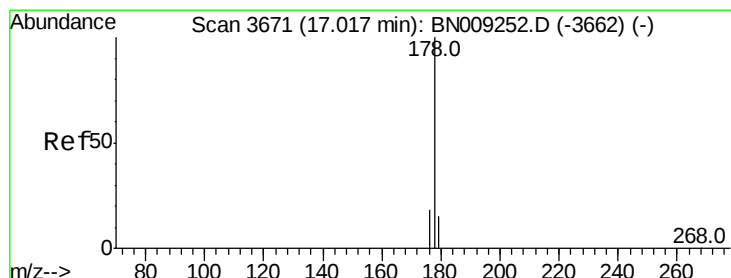
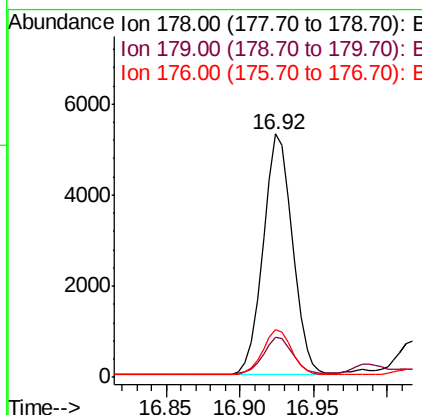
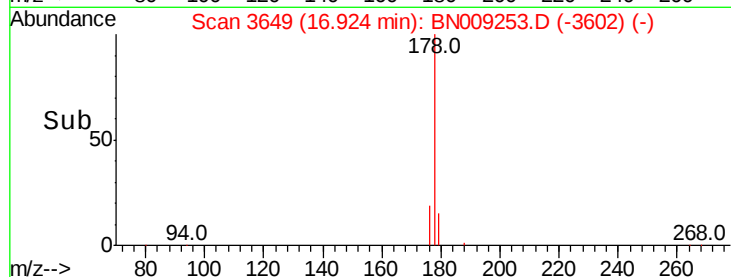
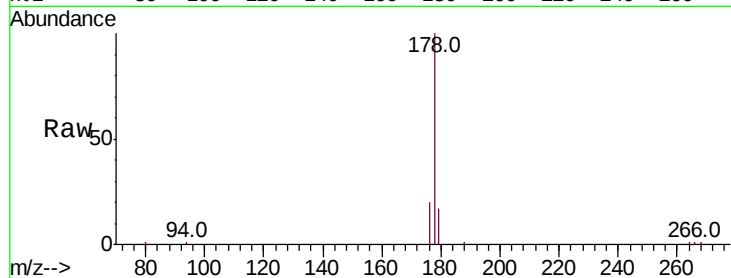
#12
Phenanthrene
Concen: 0.244 ng/ul
RT: 16.92 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BN009253.D
Acq: 30 Dec 2019 10:23

Instrument :
BNA_N
ClientSampleId :
C0C72

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	19.6	15.1	22.7

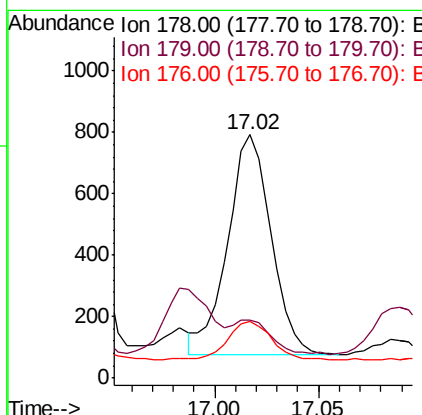
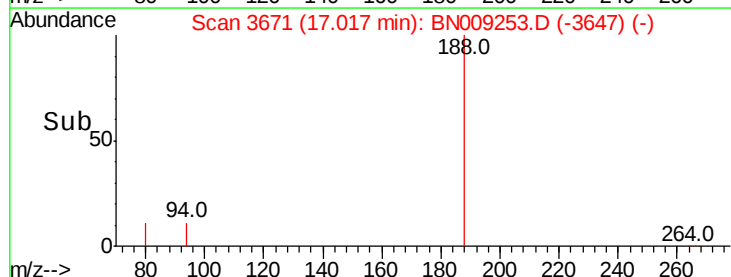
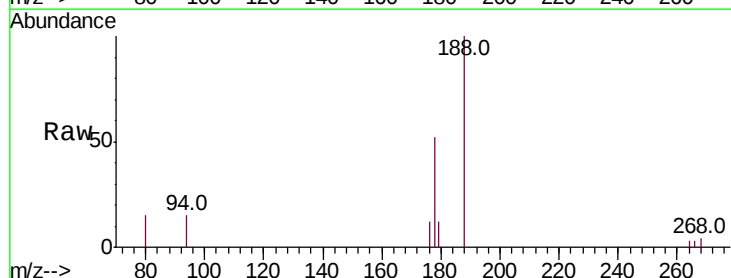
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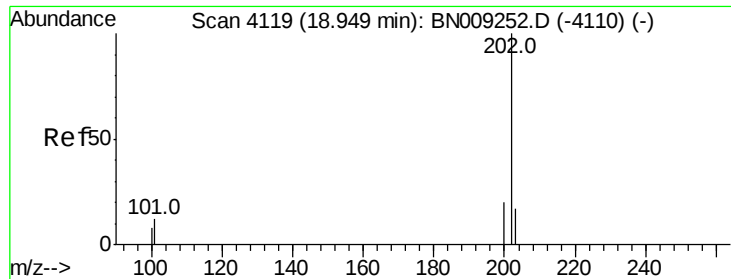
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#13
Anthracene
Concen: 0.039 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BN009253.D
Acq: 30 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.7	12.5	18.7#
176	23.5	14.9	22.3#





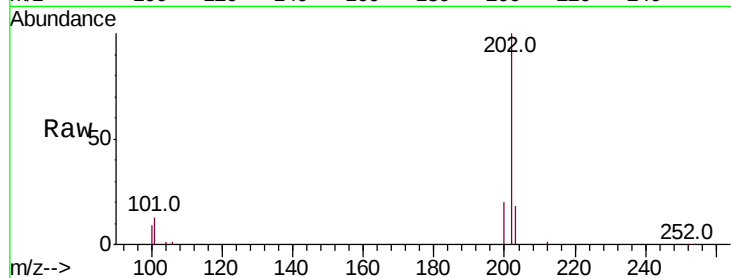
#15
Fluoranthene
Concen: 0.526 ng/ul
RT: 18.95 min Scan# 4119
Delta R.T. 0.00 min
Lab File: BN009253.D
Acq: 30 Dec 2019 10:23

Instrument :
BNA_N
ClientSampleId :
C0C72

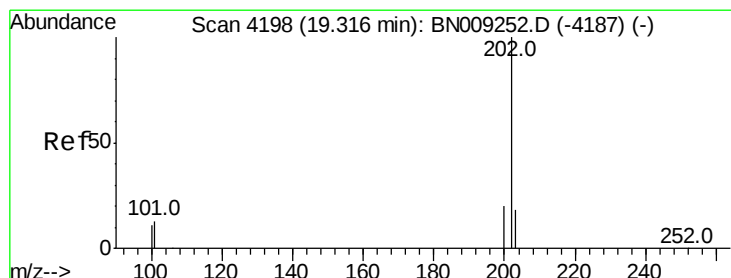
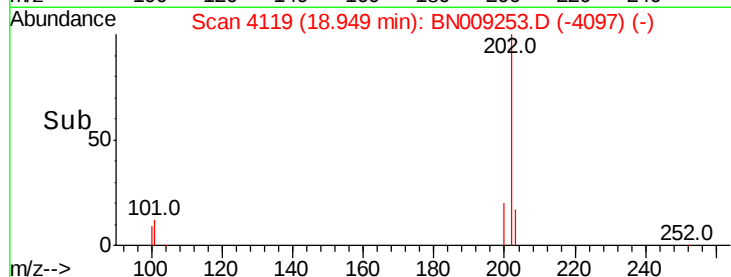
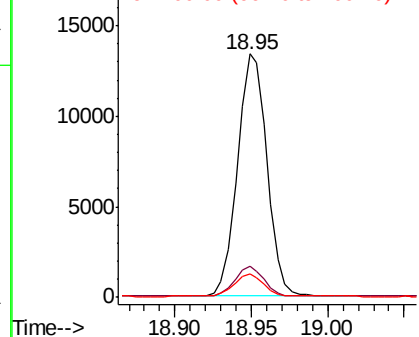
Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.6	0.0	31.5
100	9.5	0.0	28.9

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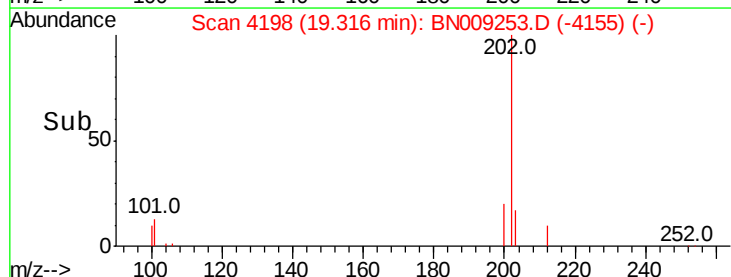
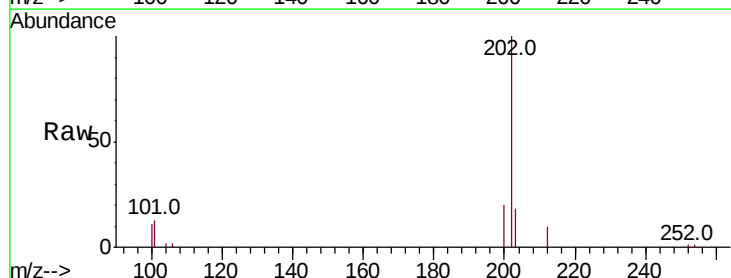
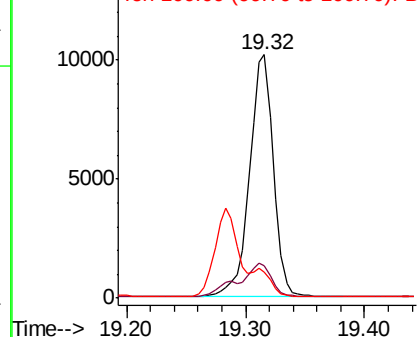
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

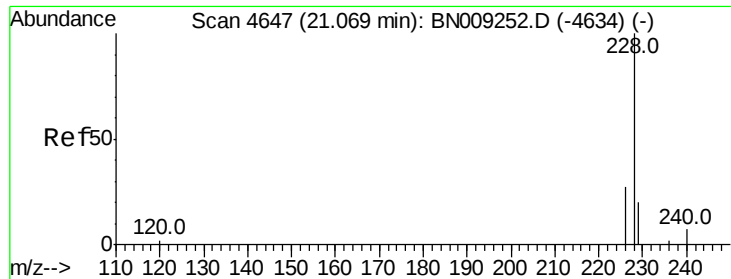


#17
Pyrene
Concen: 0.418 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009253.D
Acq: 30 Dec 2019 10:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	10.9	16.3
100	10.6	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





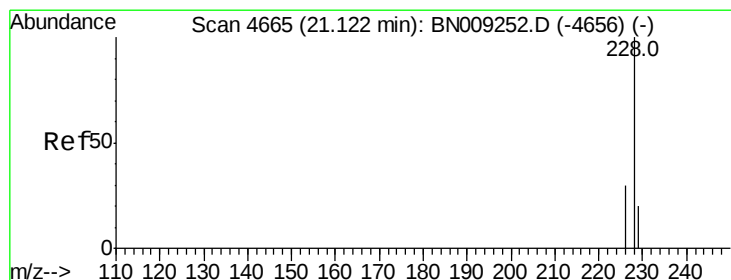
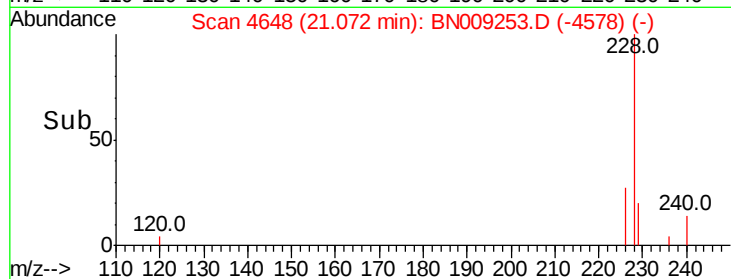
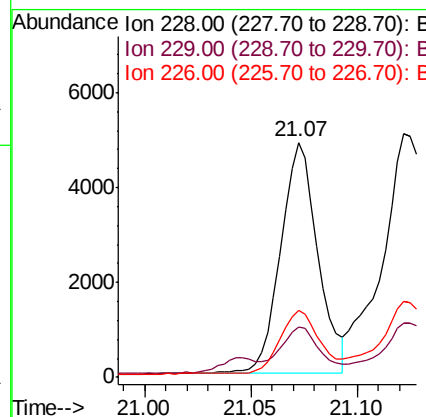
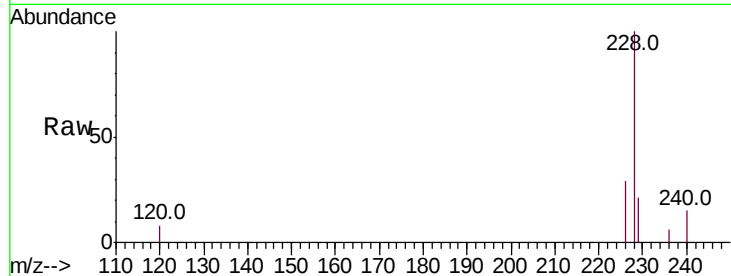
#18
Benzo(a)anthracene
Concen: 0.204 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009253.D
Acq: 30 Dec 2019 10:23

Instrument :
BNA_N
ClientSampleId :
C0C72

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.5	23.3
226	28.5	21.7	32.5

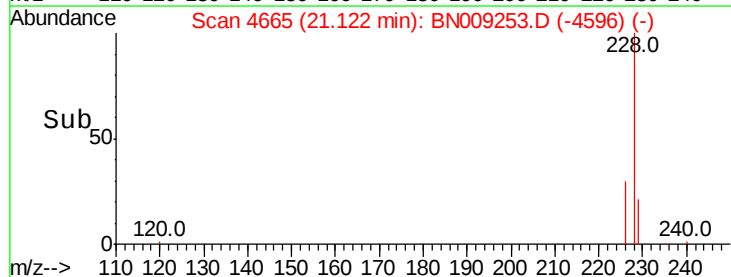
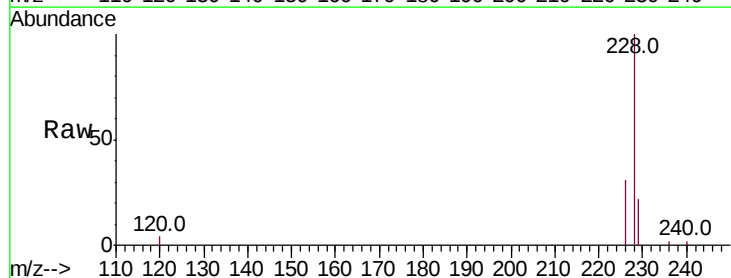
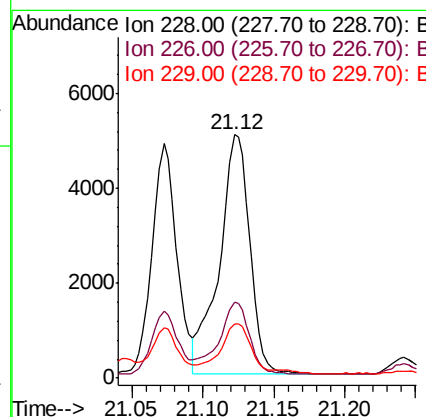
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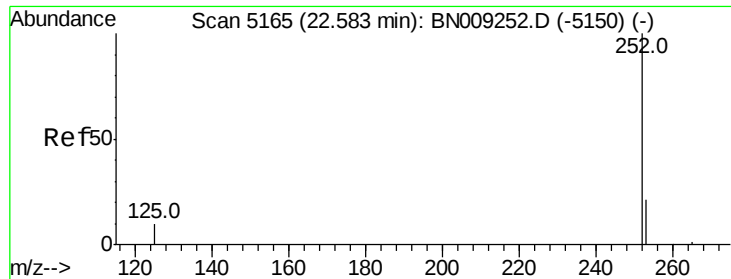
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#19
Chrysene
Concen: 0.258 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. 0.00 min
Lab File: BN009253.D
Acq: 30 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.7	35.5
229	22.3	15.4	23.0





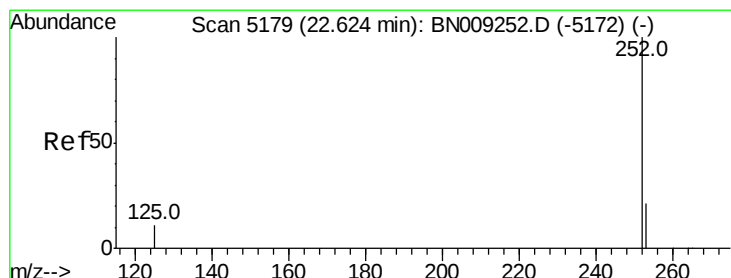
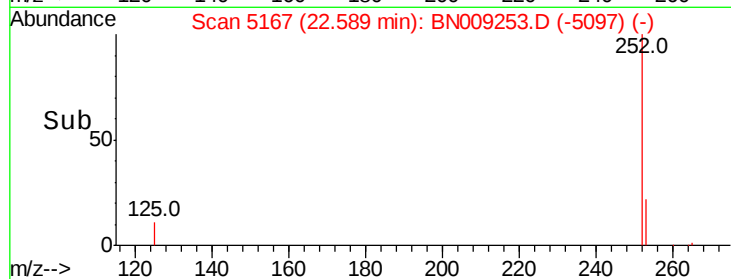
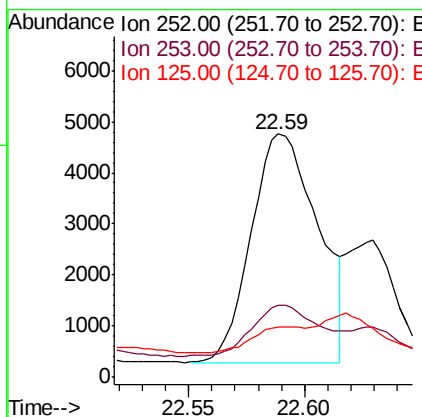
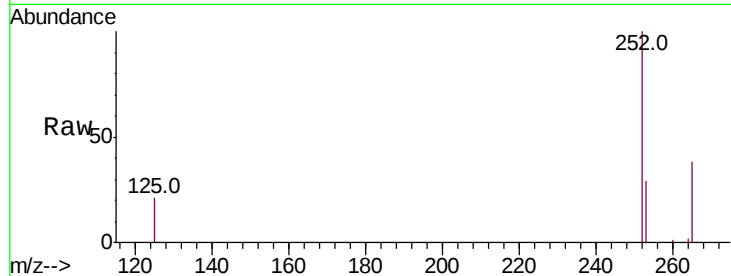
#21
Benzo(b)fluoranthene
Concen: 0.280 ng/ul m
RT: 22.59 min Scan# 5167
Delta R.T. 0.01 min
Lab File: BN009253.D
Acq: 30 Dec 2019 10:23

Instrument :
BNA_N
ClientSampleId :
C0C72

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.5	0.0	48.2
125	20.8	0.0	30.0

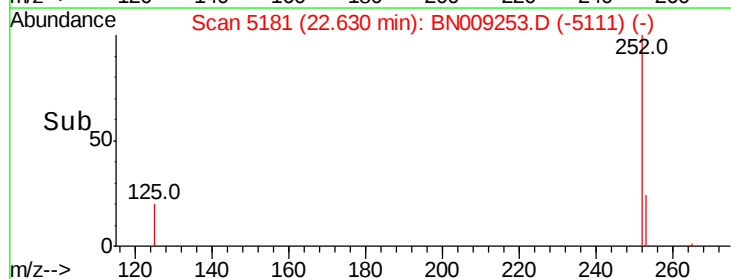
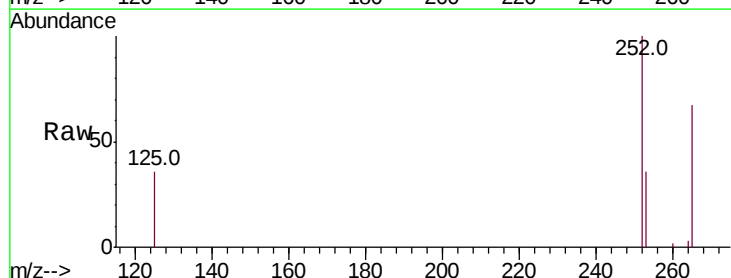
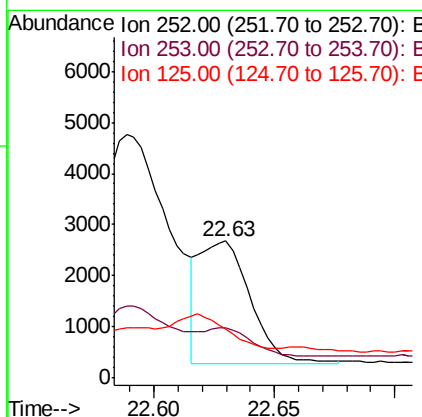
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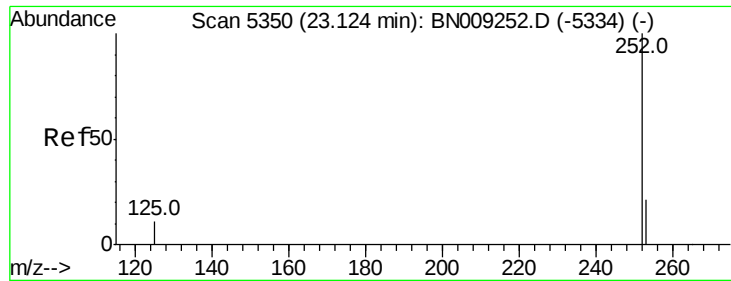
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#22
Benzo(k)fluoranthene
Concen: 0.110 ng/ul m
RT: 22.63 min Scan# 5181
Delta R.T. 0.01 min
Lab File: BN009253.D
Acq: 30 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.3	19.4	29.0#
125	35.7	12.4	18.6#





#23

Benzo(a)pyrene

Concen: 0.179 ng/u1

RT: 23.13 min Scan# 5351

Delta R.T. 0.00 min

Lab File: BN009253.D

Acq: 30 Dec 2019 10:23

Instrument :

BNA_N

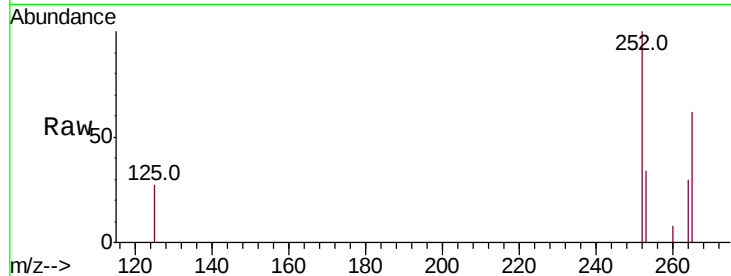
ClientSampleId :

C0C72

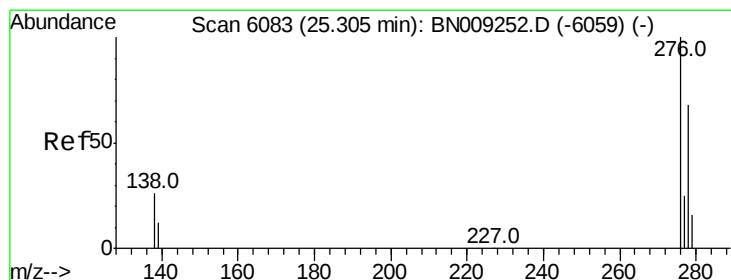
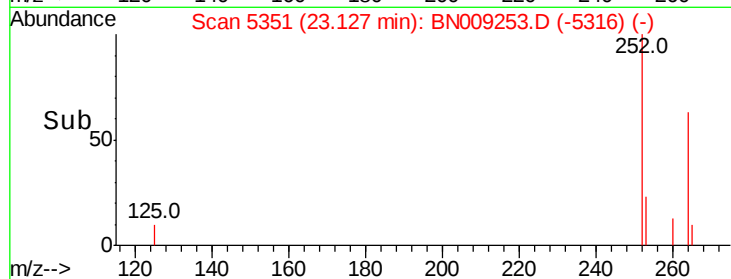
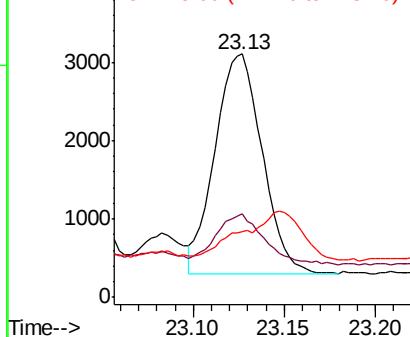
Tot Ion:	252	Resp:	5052
Ion Ratio	Lower	Upper	
252	100		
253	34.2	20.2	30.4#
125	27.0	13.2	19.8#

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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: 0.130 ng/u1

RT: 25.31 min Scan# 6084

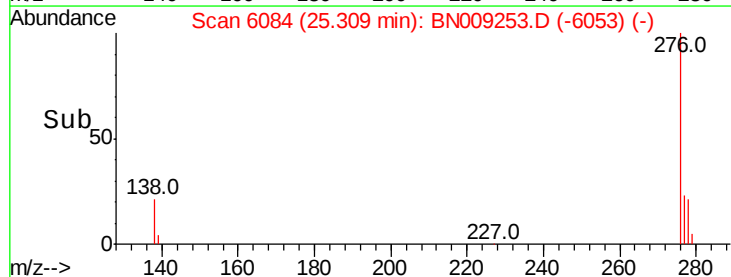
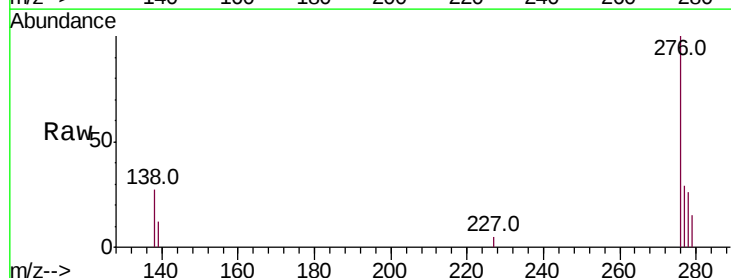
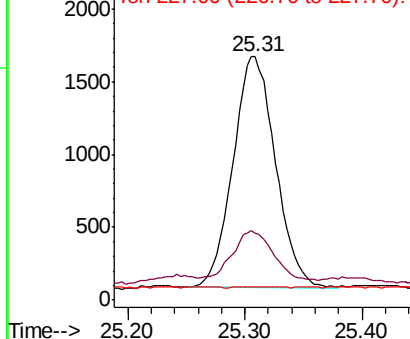
Delta R.T. 0.00 min

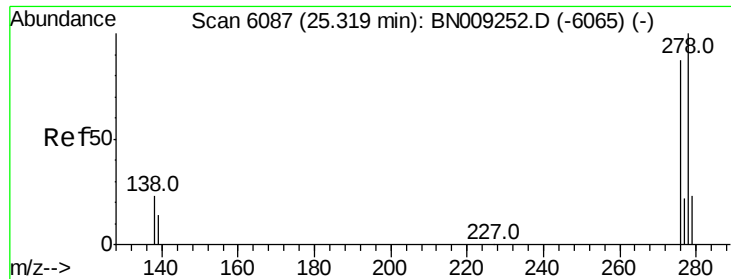
Lab File: BN009253.D

Acq: 30 Dec 2019 10:23

Tgt Ion:	276	Resp:	4003
Ion Ratio	Lower	Upper	
276	100		
138	21.9	22.4	33.6#
227	0.2	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





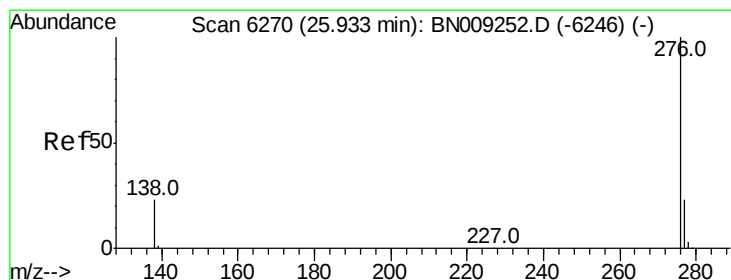
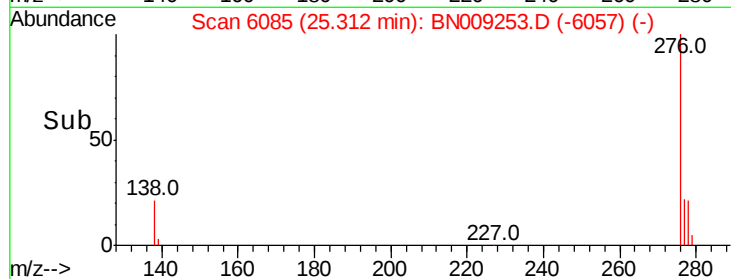
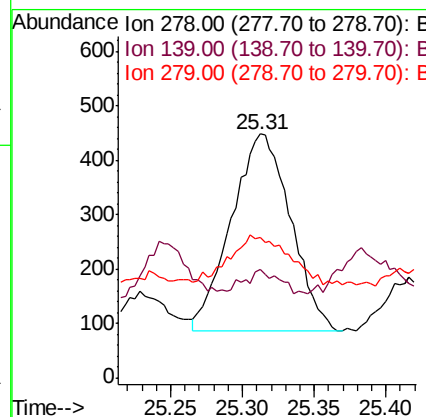
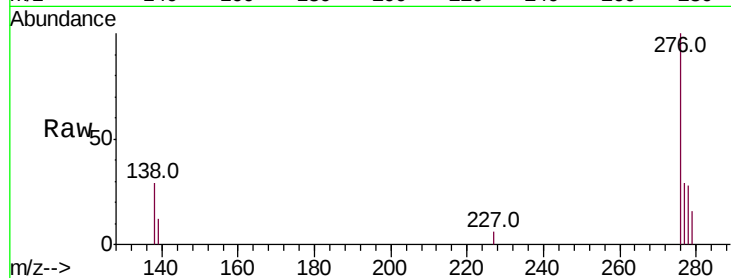
#25
Dibenzo(a,h)anthracene
Concen: 0.043 ng/u1
RT: 25.31 min Scan# 6085
Delta R.T. -0.01 min
Lab File: BN009253.D
Acq: 30 Dec 2019 10:23

Instrument :
BNA_N
ClientSampleId :
C0C72

Tot Ion	Ratio	Lower	Upper
278	100		
139	44.2	16.2	24.2#
279	57.6	20.3	30.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.136 ng/u1
RT: 25.94 min Scan# 6273
Delta R.T. 0.01 min
Lab File: BN009253.D
Acq: 30 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	20.6	30.8
277	28.7	19.6	29.4

