

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008227.D
 Acq On : 17 Oct 2019 18:46
 Operator : JU
 Sample : K5177-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP98

Manual Integrations
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Quant Time: Oct 18 02:58:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2571	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12462	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8014	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	17909m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16222	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12450	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2869	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	8950	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	784	0.022	ng/ul#	74
7) Acenaphthylene	13.95	152	1861	0.049	ng/ul#	65
12) Phenanthrene	17.03	178	12328	0.235	ng/ul	99
13) Anthracene	17.12	178	2534	0.055	ng/ul#	92
15) Fluoranthene	19.05	202	37086	0.536	ng/ul	99
17) Pyrene	19.41	202	35915	0.556	ng/ul	96
18) Benzo(a)anthracene	21.17	228	17759	0.301	ng/ul	96
19) Chrysene	21.23	228	22350	0.309	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	24142m	0.596	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	8058m	0.176	ng/ul	
23) Benzo(a)pyrene	23.28	252	15041	0.353	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.54	276	10224	0.204	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	2253	0.057	ng/ul#	62
26) Benzo(g,h,i)perylene	26.19	276	9715	0.211	ng/ul	96

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

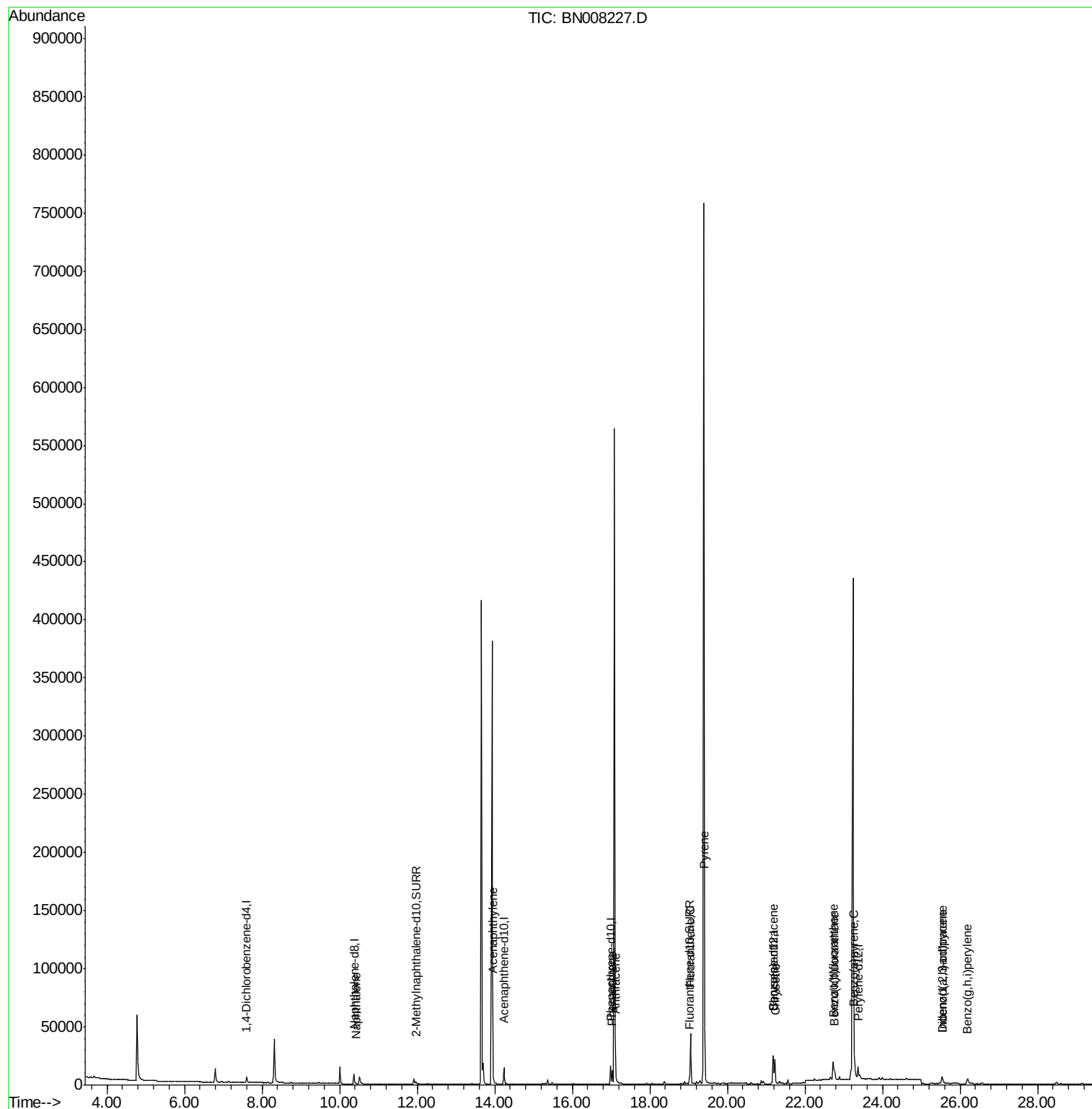
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008227.D
Acq On : 17 Oct 2019 18:46
Operator : JU
Sample : K5177-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

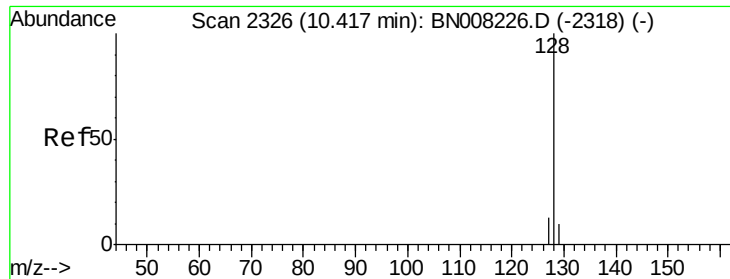
Instrument :
BNA_N
ClientSampleId :
BEP98

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Quant Time: Oct 18 02:58:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

Instrument :

BNA_N

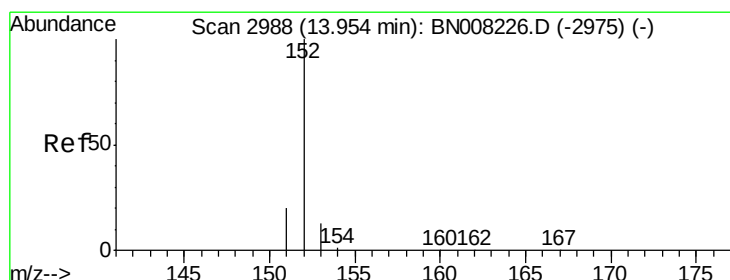
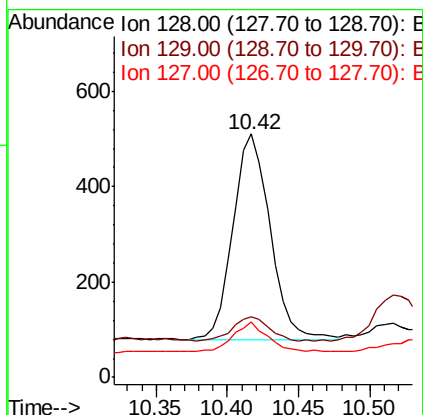
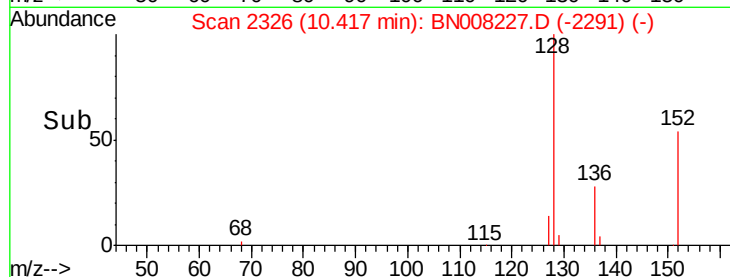
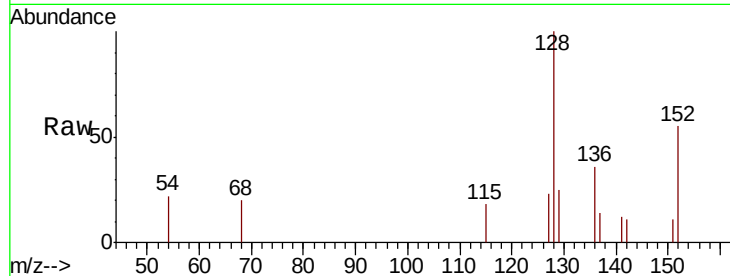
ClientSampled :

BEP98

Tot Ion:	128	Resp:	784
Ion	Ratio	Lower	Upper
128	100		
129	24.7	9.8	14.8#
127	22.7	11.1	16.7#

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#7

Acenaphthylene

Concen: 0.049 ng/ul

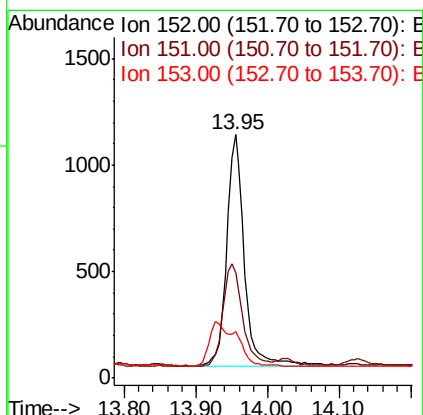
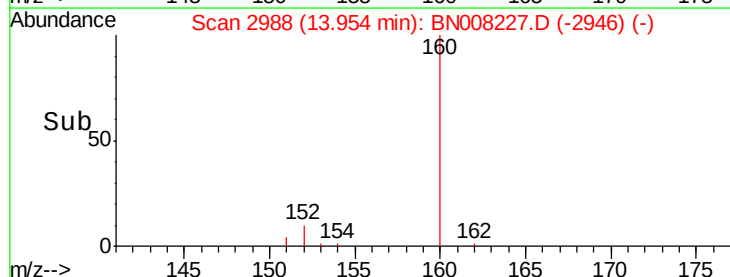
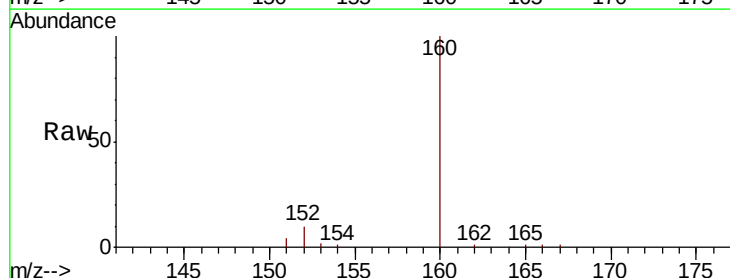
RT: 13.95 min Scan# 2988

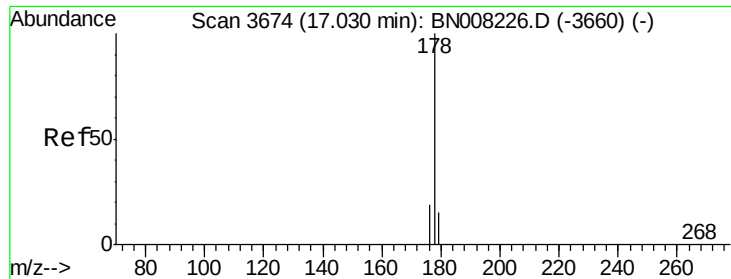
Delta R.T. -0.00 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

Tgt Ion:	152	Resp:	1861
Ion	Ratio	Lower	Upper
152	100		
151	43.5	16.2	24.4#
153	19.0	11.0	16.4#





#12

Phenanthrene

Concen: 0.235 ng/ul

RT: 17.03 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

Instrument :

BNA_N

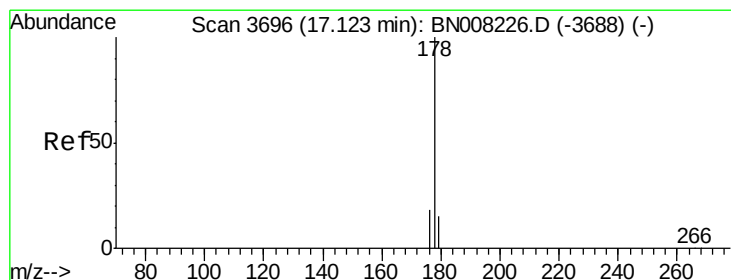
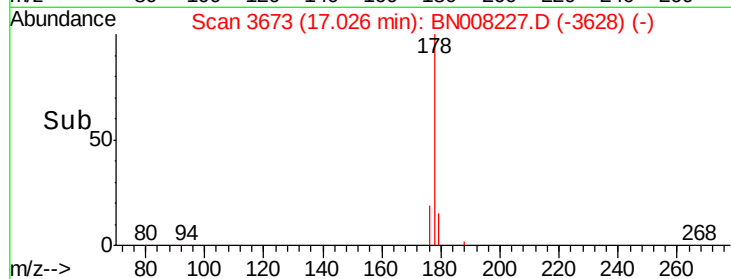
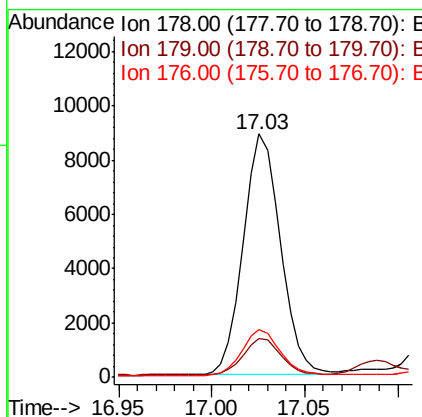
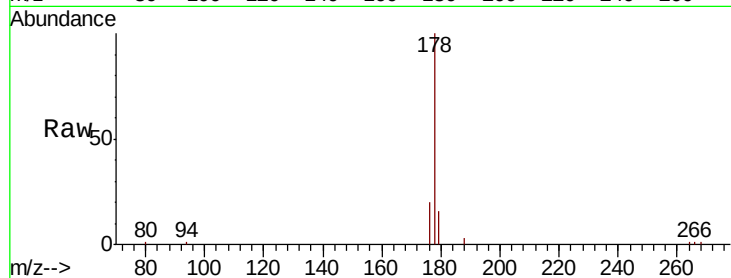
ClientSampleId :

BEP98

Tot Ion:178	Resp:	12328
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.8 19.2
176	19.6	15.4 23.2

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#13

Anthracene

Concen: 0.055 ng/ul

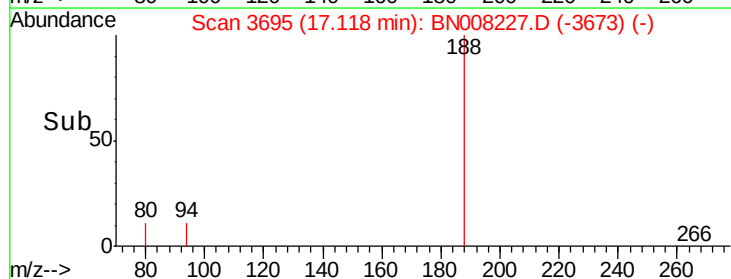
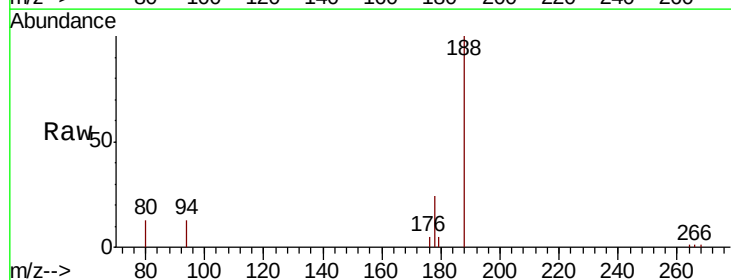
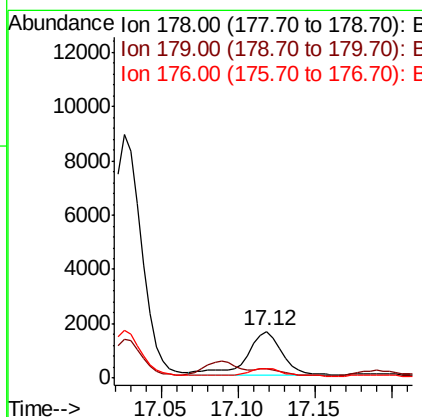
RT: 17.12 min Scan# 3695

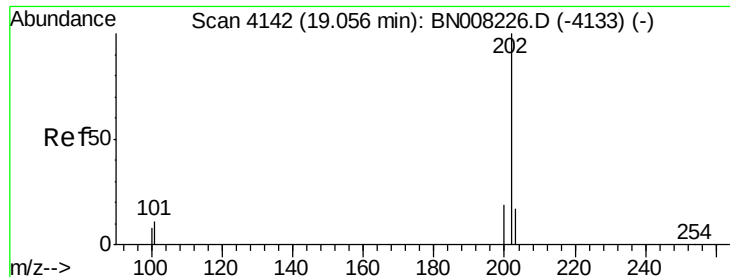
Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

Tgt Ion:178	Resp:	2534
Ion Ratio	Lower	Upper
178	100	
179	21.2	13.0 19.6#
176	21.1	15.0 22.6





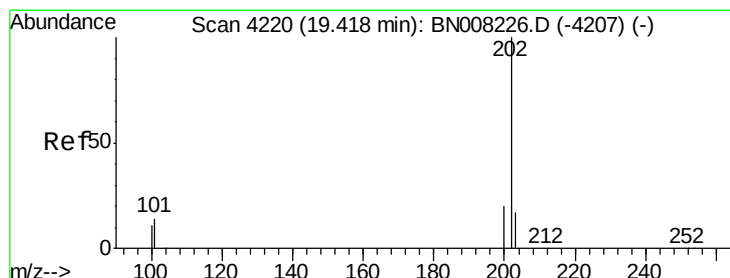
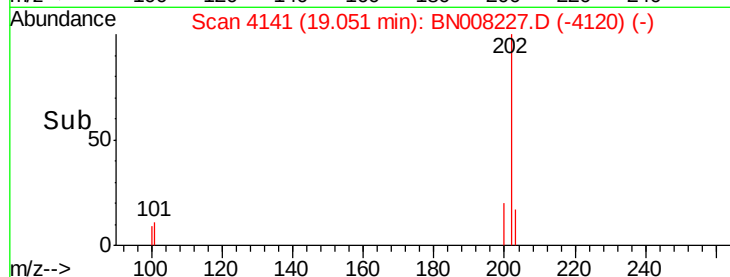
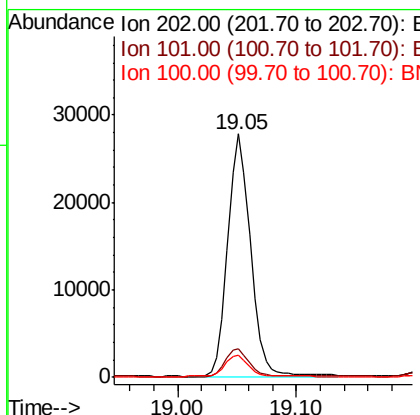
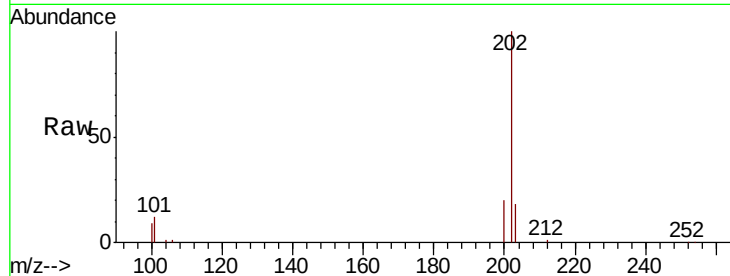
#15
Fluoranthene
 Concen: 0.536 ng/ul
 RT: 19.05 min Scan# 4141
 Delta R.T. -0.00 min
 Lab File: BN008227.D
 Acq: 17 Oct 2019 18:46

Instrument :
 BNA_N
 ClientSampleId :
 BEP98

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	31.2
100	8.9	0.0	28.5

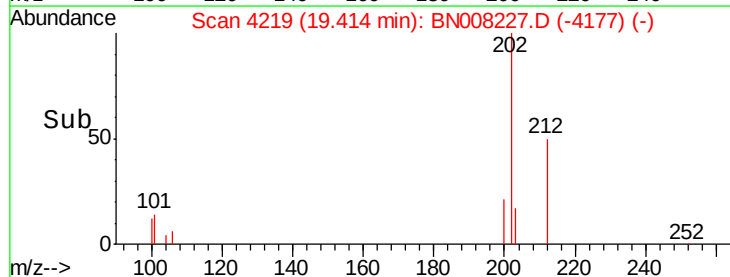
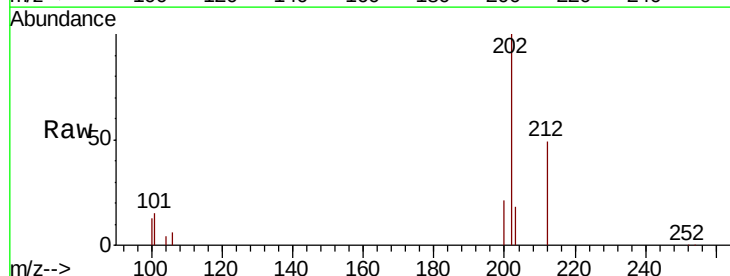
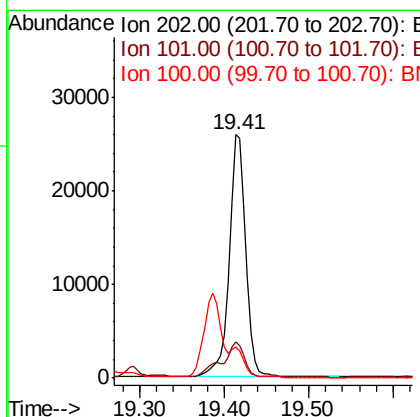
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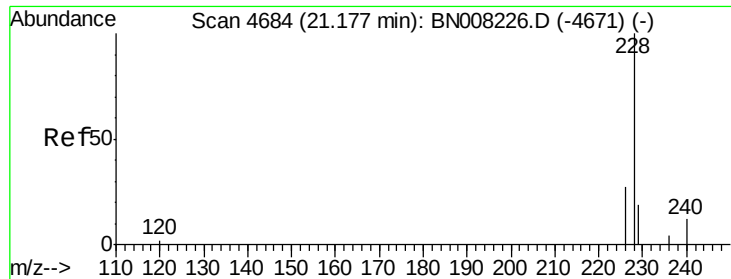
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#17
Pyrene
 Concen: 0.556 ng/ul
 RT: 19.41 min Scan# 4219
 Delta R.T. -0.00 min
 Lab File: BN008227.D
 Acq: 17 Oct 2019 18:46

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	10.9	16.3
100	12.5	8.7	13.1





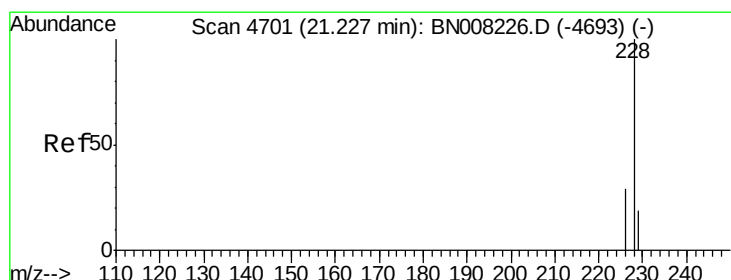
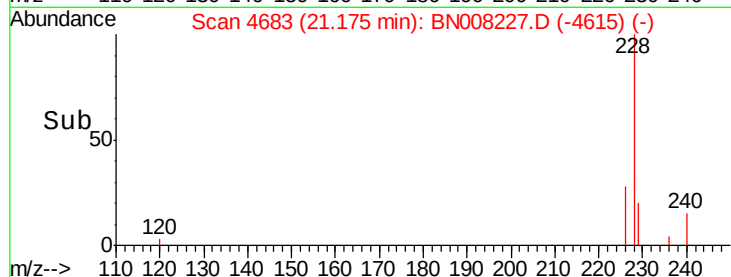
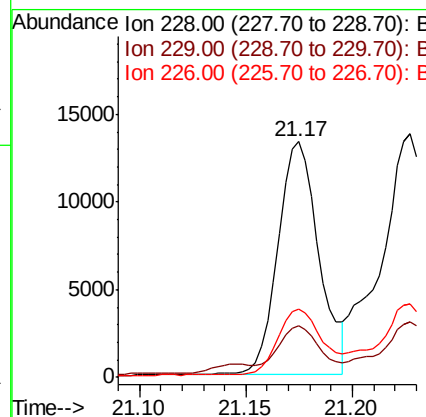
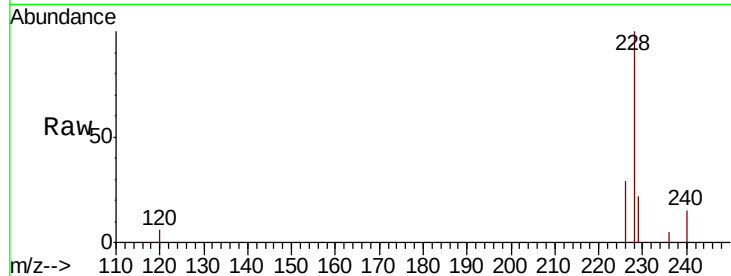
#18
Benzo(a)anthracene
Concen: 0.301 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.00 min
Lab File: BN008227.D
Acq: 17 Oct 2019 18:46

Instrument :
BNA_N
ClientSampleId :
BEP98

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.2	24.2
226	29.0	21.4	32.0

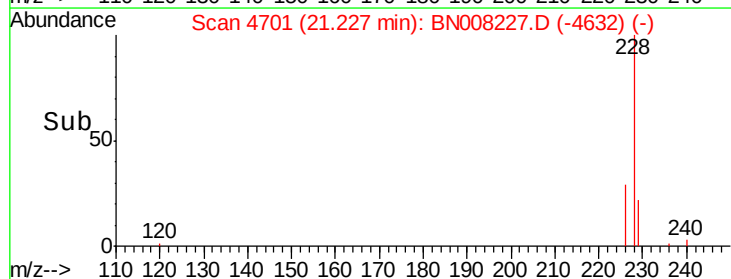
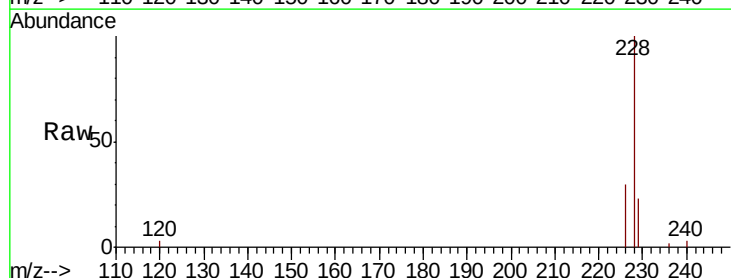
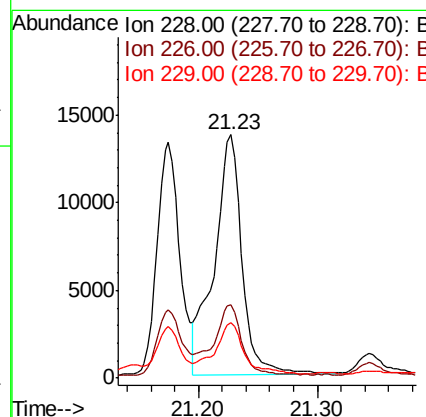
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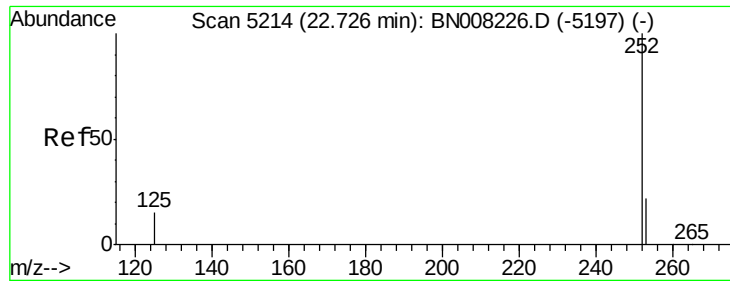
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#19
Chrysene
Concen: 0.309 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN008227.D
Acq: 17 Oct 2019 18:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	22.9	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 0.596 ng/ul m

RT: 22.72 min Scan# 5213

Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

Instrument :

BNA_N

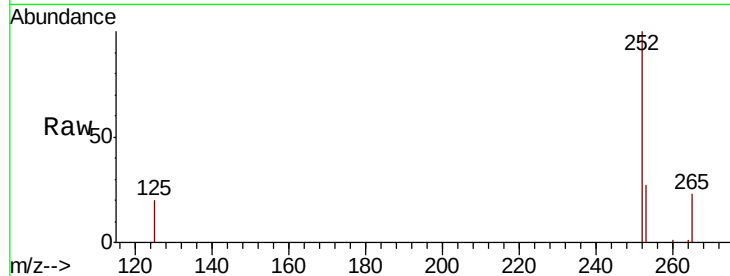
ClientSampleId :

BEP98

Tot Ion:	252	Resp:	24142
Ion Ratio	Lower	Upper	
252	100		
253	26.7	0.0	53.4
125	20.4	0.0	32.4

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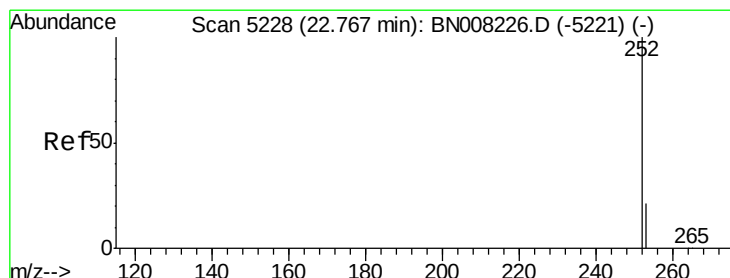
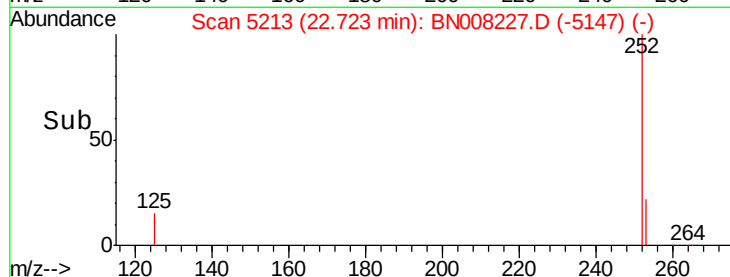
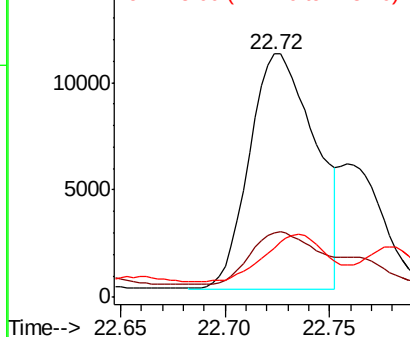


Abundance

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: 0.176 ng/ul m

RT: 22.76 min Scan# 5225

Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

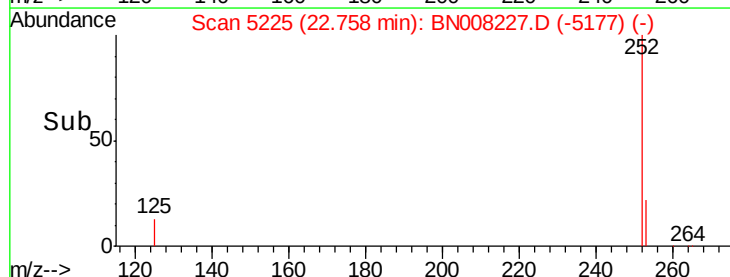
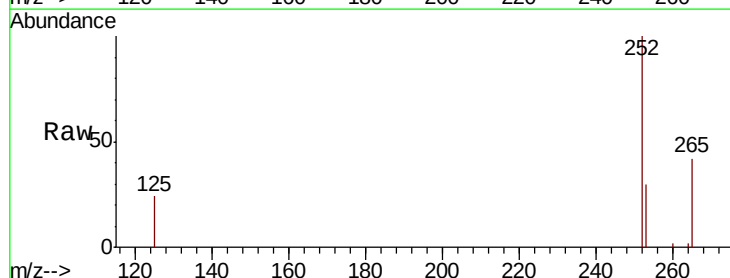
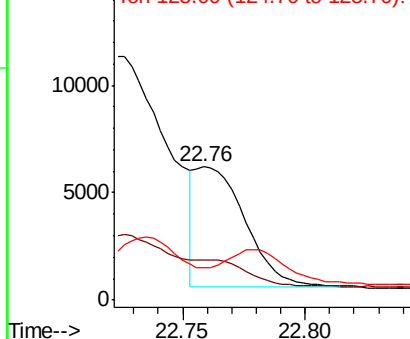
Tgt Ion:	252	Resp:	8058
Ion Ratio	Lower	Upper	
252	100		
253	30.3	21.3	31.9
125	23.9	12.3	18.5#

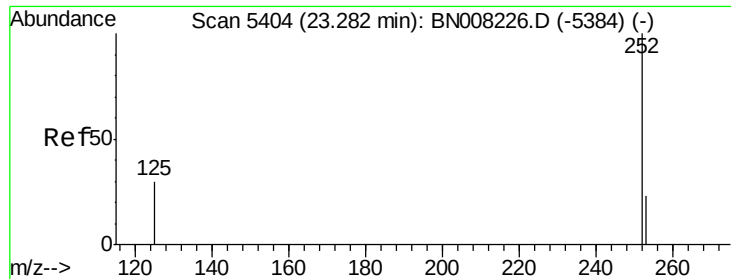
Abundance

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: 0.353 ng/ul

RT: 23.28 min Scan# 5402

Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

Instrument :

BNA_N

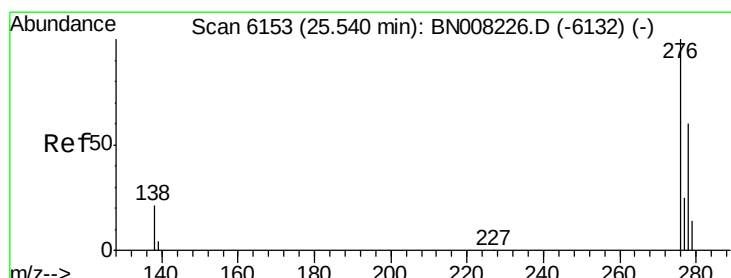
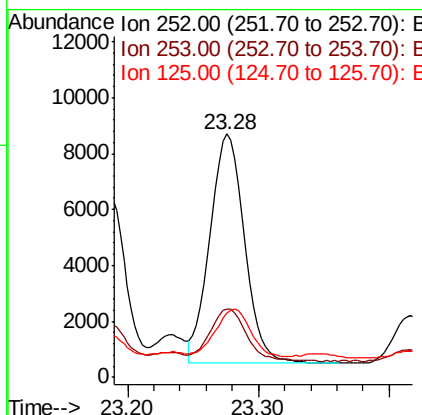
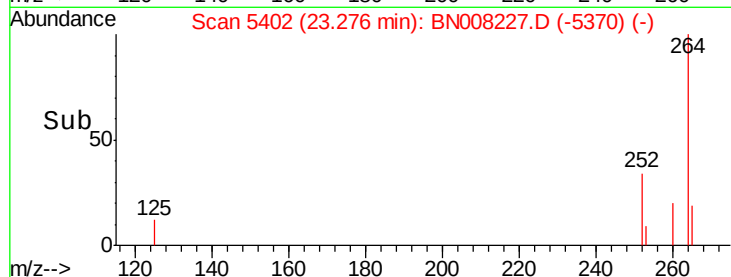
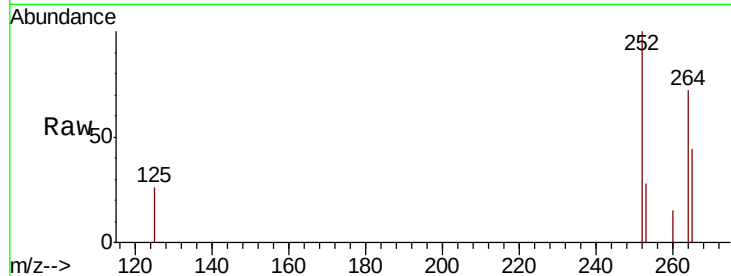
ClientSampleId :

BEP98

Tot Ion:	252	Resp:	15041
Ion Ratio	Lower	Upper	
252	100		
253	28.2	22.8	34.2
125	26.4	18.4	27.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.204 ng/ul

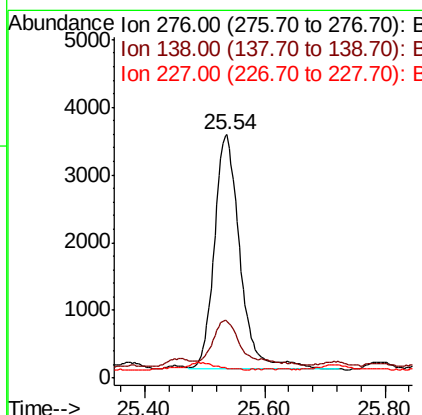
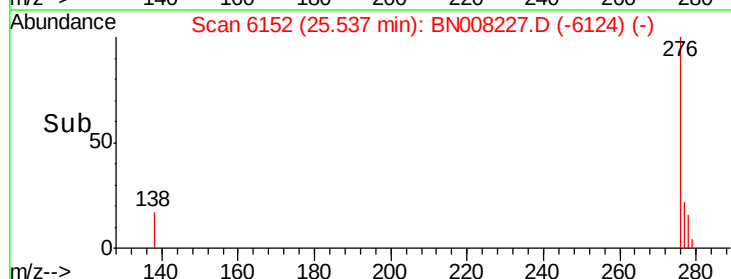
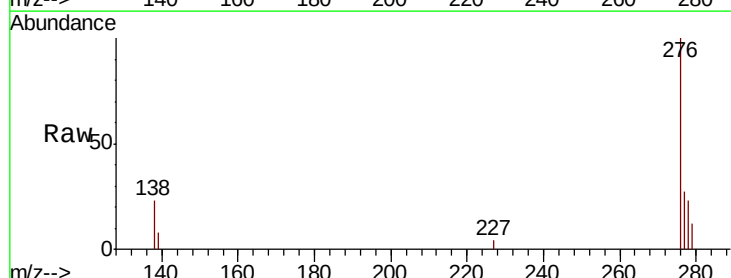
RT: 25.54 min Scan# 6152

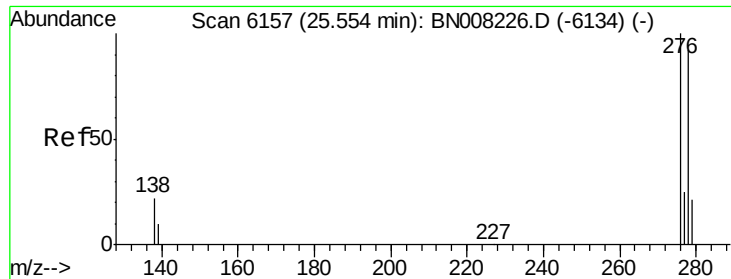
Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

Tgt Ion:	276	Resp:	10224
Ion Ratio	Lower	Upper	
276	100		
138	18.8	16.1	24.1
227	0.0	0.2	0.2#





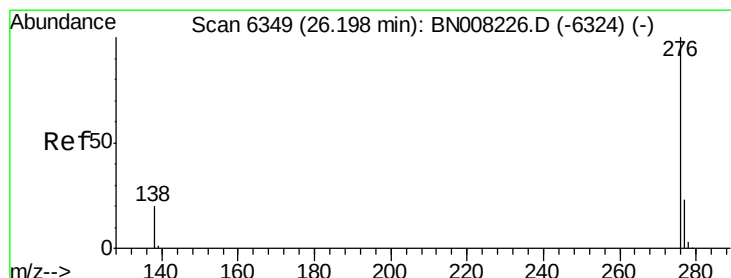
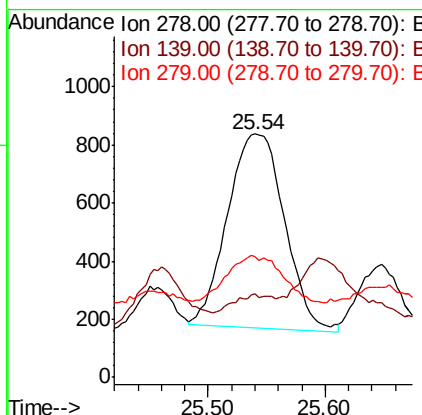
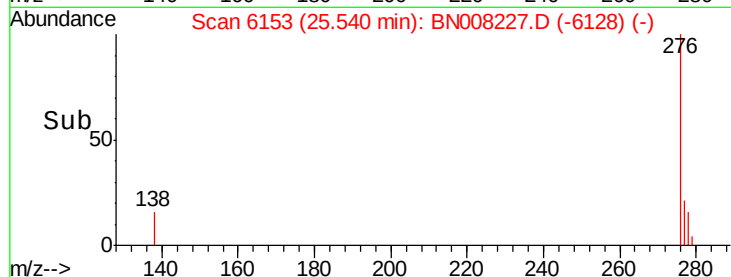
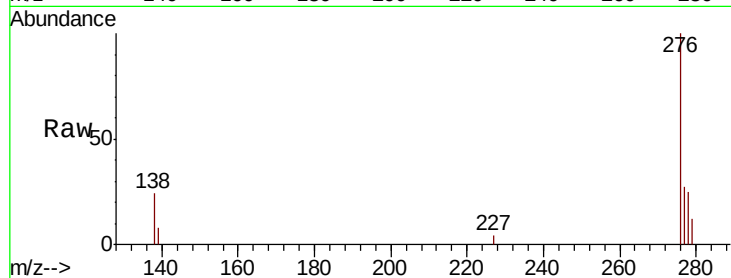
#25
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.02 min
Lab File: BN008227.D
Acq: 17 Oct 2019 18:46

Instrument :
BNA_N
ClientSampled :
BEP98

Tot Ion	Ratio	Lower	Upper
278	100		
139	34.1	15.0	22.6#
279	49.5	22.4	33.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.211 ng/ul
RT: 26.19 min Scan# 6347
Delta R.T. -0.01 min
Lab File: BN008227.D
Acq: 17 Oct 2019 18:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	17.0	25.4
277	26.3	20.4	30.6

