

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
 Data File : BN008253.D
 Acq On : 18 Oct 2019 18:35
 Operator : JU
 Sample : K5178-03DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD2DL

Manual Integrations
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mohammad
 10/22/2019 1:40:45 AM

Quant Time: Oct 18 23:58:50 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 : Fri Oct 18 23:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3533	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	16984	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	10921	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	23018	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	21728	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	19051	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	423	0.01	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1309	0.02	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.95	152	2272	0.044	ng/ul#	92
9) Fluorene	15.29	166	1004	0.022	ng/ul#	95
12) Phenanthrene	17.02	178	19801	0.294	ng/ul	100
13) Anthracene	17.11	178	3888	0.066	ng/ul	95
15) Fluoranthene	19.04	202	59413	0.668	ng/ul	97
17) Pyrene	19.41	202	61133	0.707	ng/ul	100
18) Benzo(a)anthracene	21.17	228	33598	0.425	ng/ul	97
19) Chrysene	21.22	228	38524	0.397	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	41405m	0.668	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	16483m	0.235	ng/ul	
23) Benzo(a)pyrene	23.26	252	29276	0.449	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.52	276	17441	0.227	ng/ul	97
25) Dibenzo(a,h)anthracene	25.53	278	3987	0.066	ng/ul#	81
26) Benzo(g,h,i)perylene	26.18	276	17016	0.241	ng/ul	98

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

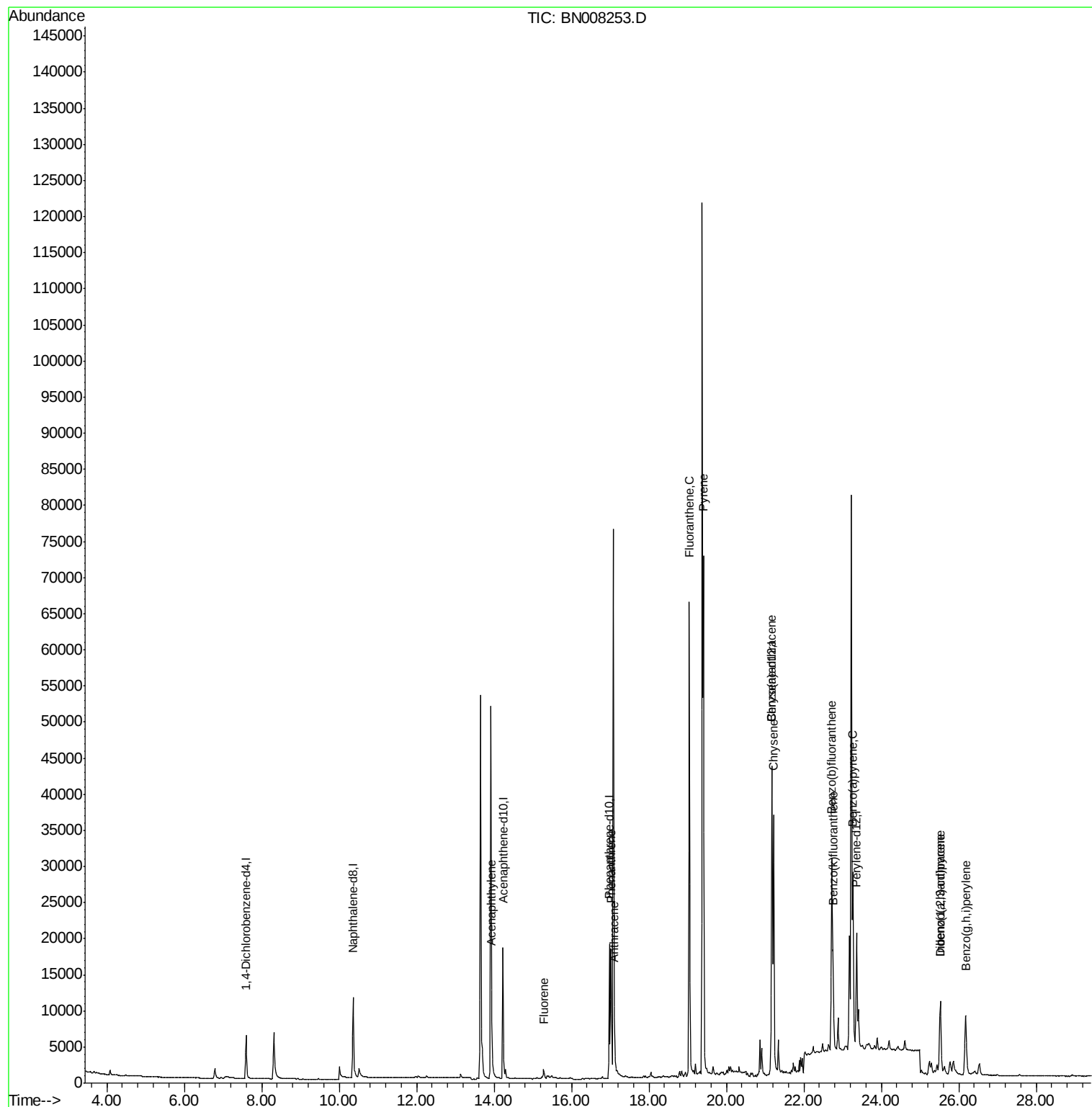
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
Data File : BN008253.D
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ALS Vial : 10 Sample Multiplier: 1

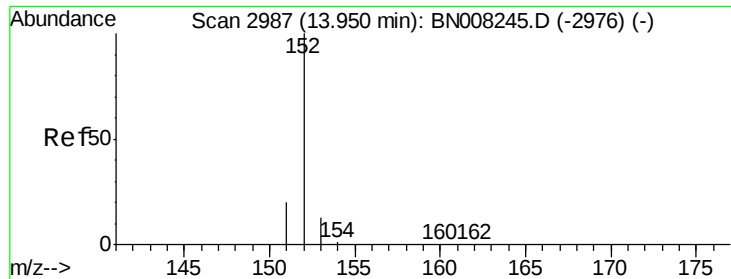
Instrument :
BNA_N
ClientSampleId :
BEPD2DL

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Quant Time: Oct 18 23:58:50 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 : Fri Oct 18 23:47:17 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008253.D

Acq: 18 Oct 2019 18:35

Instrument :

BNA_N

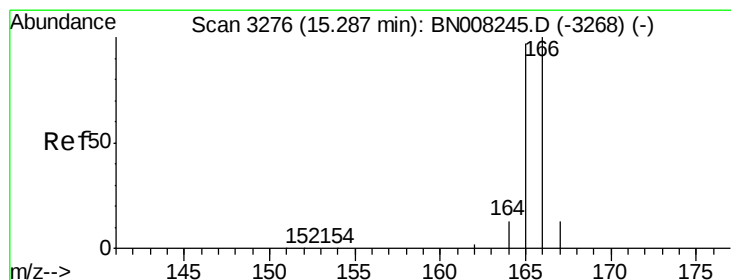
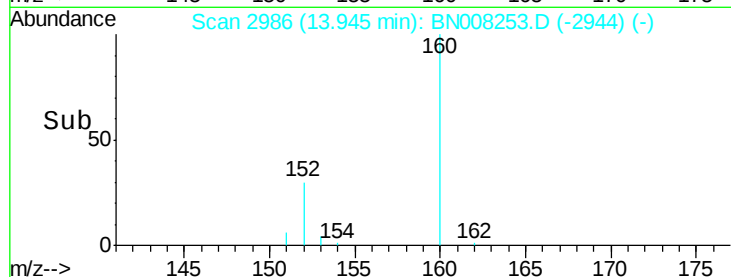
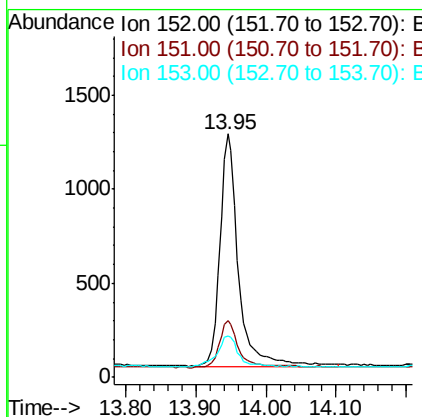
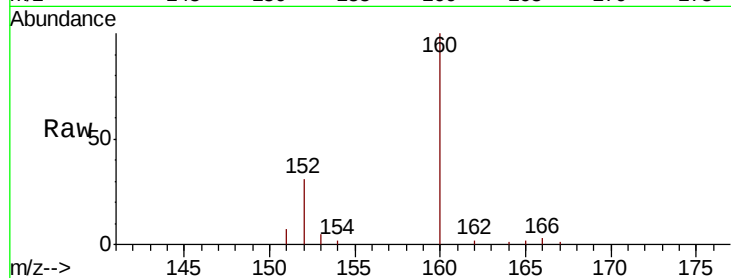
ClientSampleId :

BEPD2DL

Tot Ion:	152	Resp:	2272
Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.2	24.4
153	17.1	11.0	16.4#

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#9

Fluorene

Concen: 0.022 ng/ul

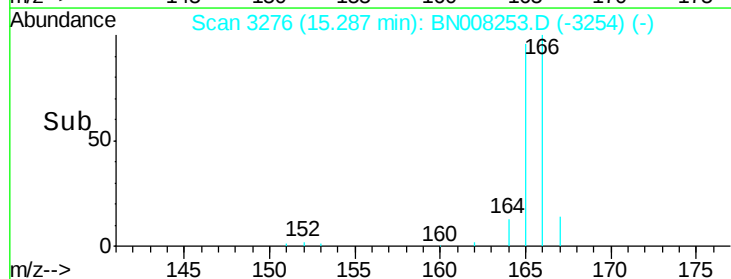
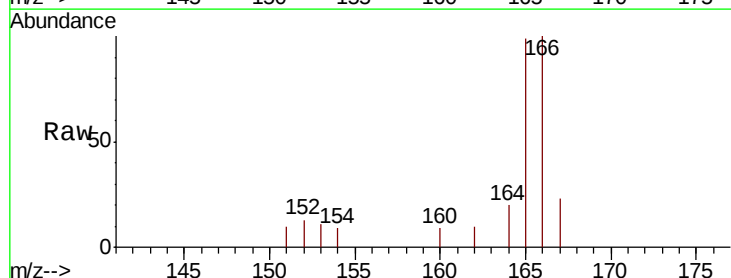
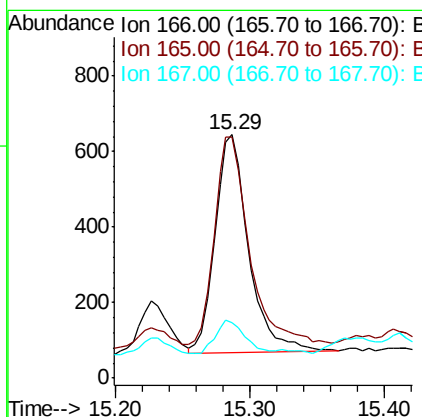
RT: 15.29 min Scan# 3276

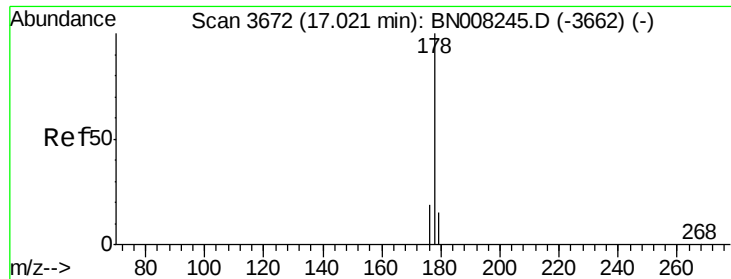
Delta R.T. 0.00 min

Lab File: BN008253.D

Acq: 18 Oct 2019 18:35

Tgt Ion:	166	Resp:	1004
Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.6	115.0
167	22.9	11.7	17.5#





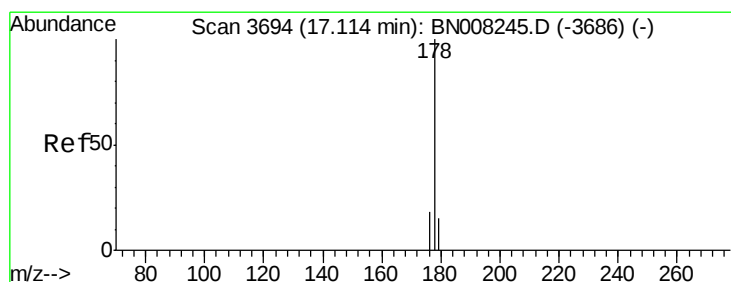
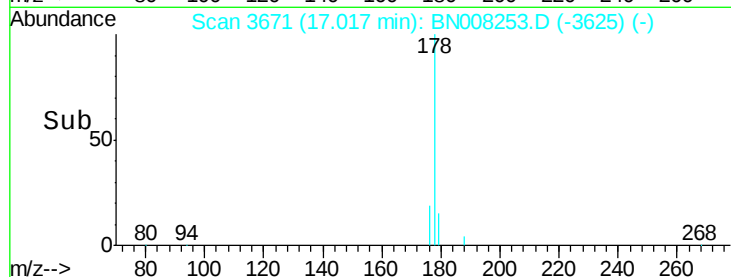
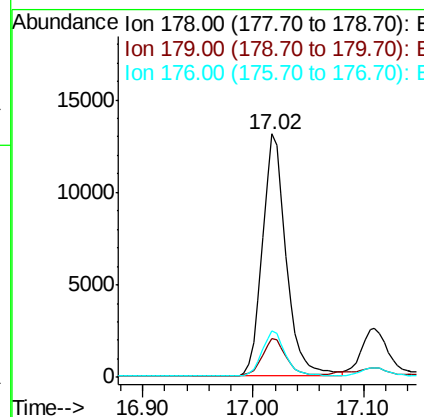
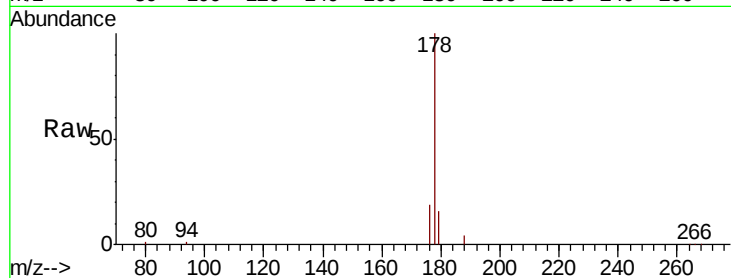
#12
Phenanthrene
Concen: 0.294 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008253.D
Acq: 18 Oct 2019 18:35

Instrument :
BNA_N
ClientSampleId :
BEPD2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.1	15.4	23.2

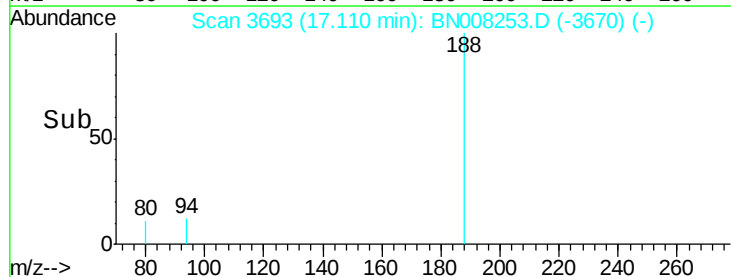
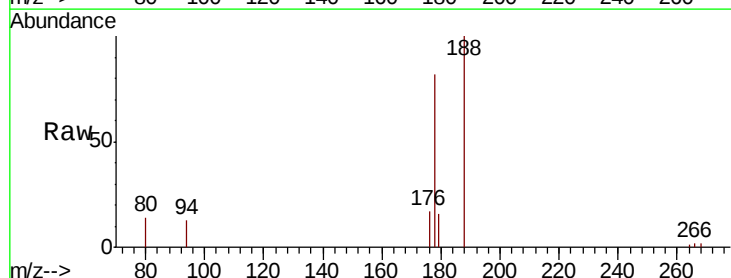
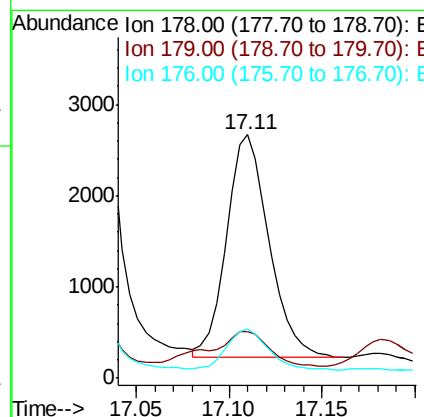
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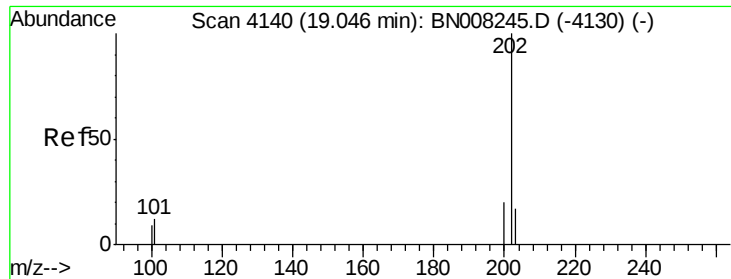
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#13
Anthracene
Concen: 0.066 ng/ul
RT: 17.11 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BN008253.D
Acq: 18 Oct 2019 18:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.0	19.6
176	20.2	15.0	22.6





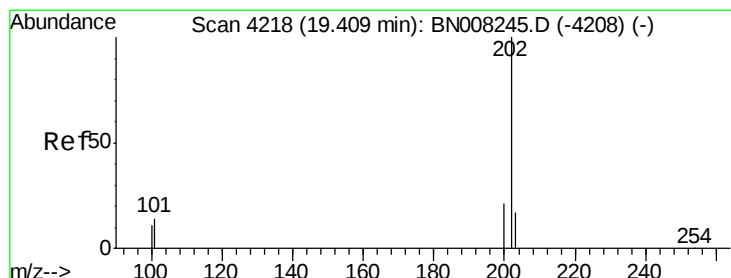
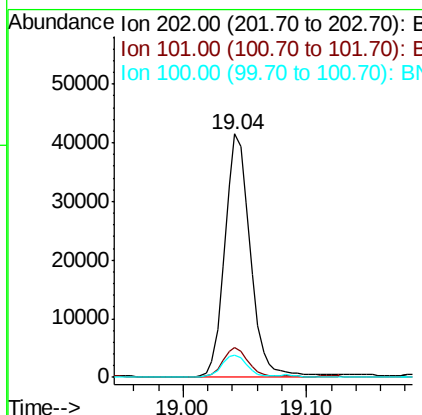
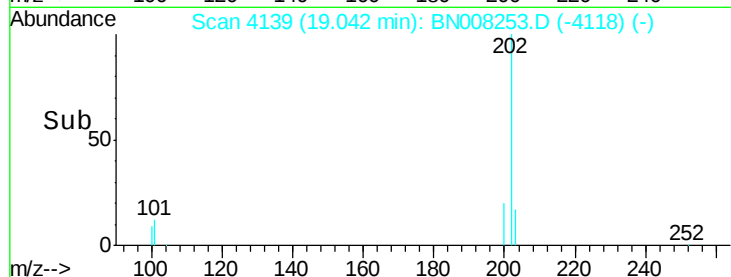
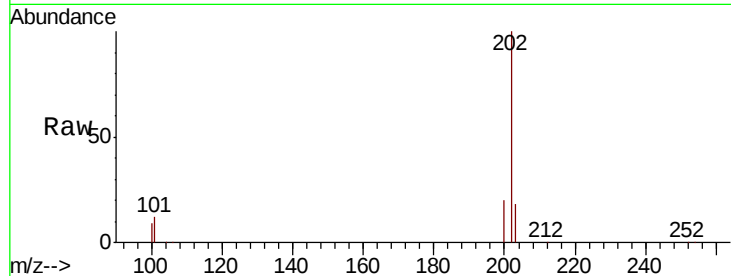
#15
Fluoranthene
Concen: 0.668 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. -0.00 min
Lab File: BN008253.D
Acq: 18 Oct 2019 18:35

Instrument :
BNA_N
ClientSampleId :
BEPD2DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	59413		
101	12.3		0.0	31.2
100	9.4		0.0	28.5

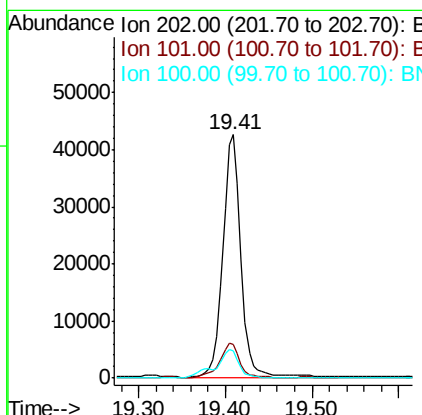
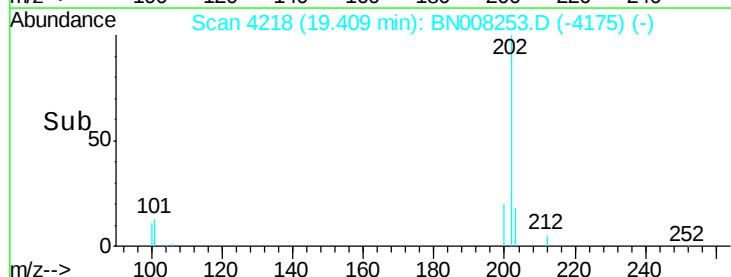
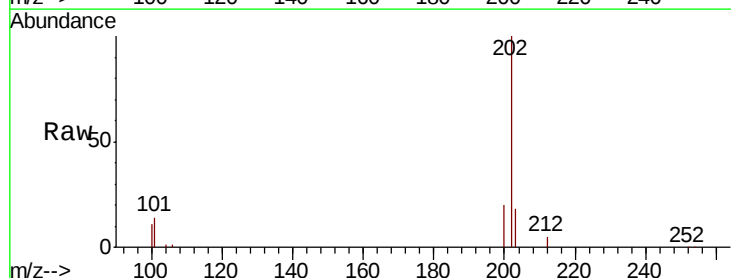
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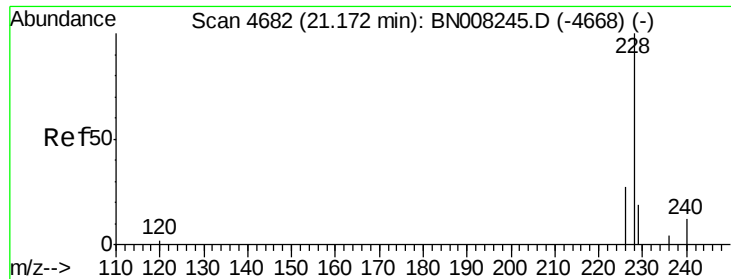
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#17
Pyrene
Concen: 0.707 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008253.D
Acq: 18 Oct 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	61133		
101	13.7		10.9	16.3
100	11.0		8.7	13.1





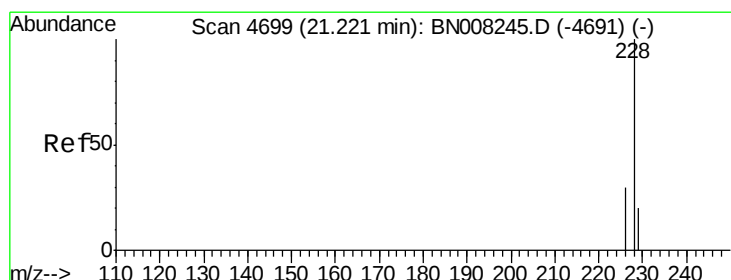
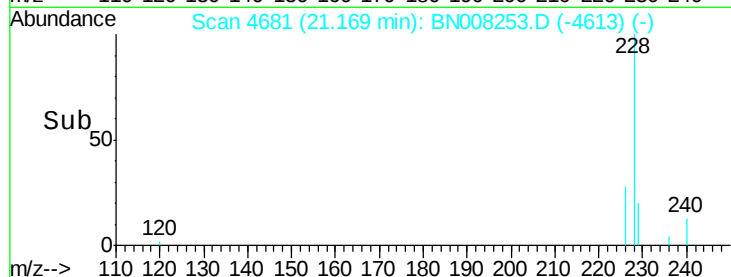
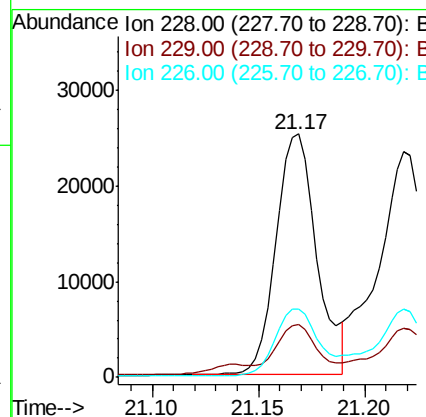
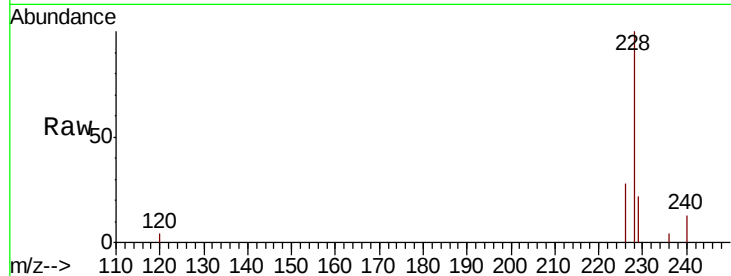
#18
Benzo(a)anthracene
Concen: 0.425 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008253.D
Acq: 18 Oct 2019 18:35

Instrument :
BNA_N
ClientSampleId :
BEPD2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.2
226	28.3	21.4	32.0

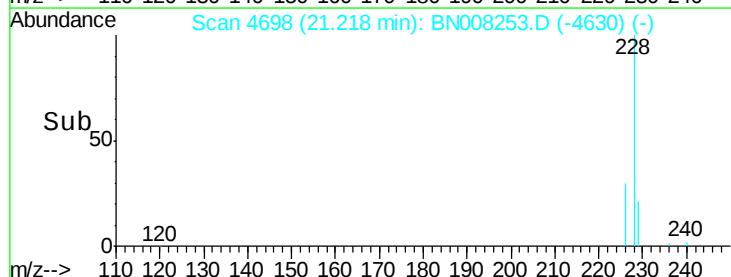
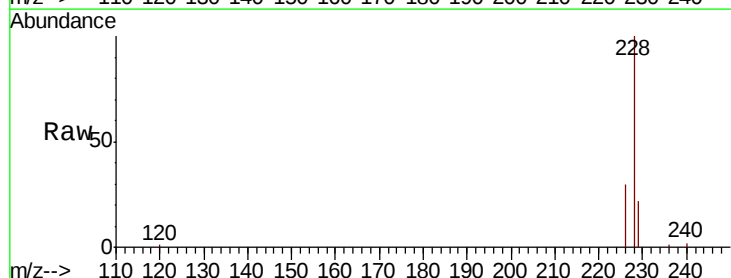
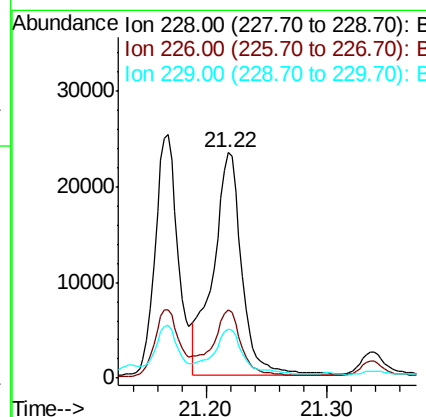
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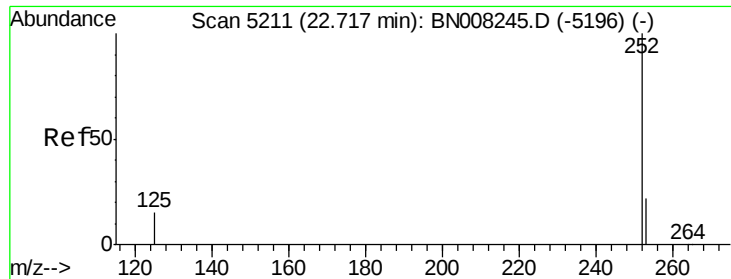
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#19
Chrysene
Concen: 0.397 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN008253.D
Acq: 18 Oct 2019 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	22.0	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 0.668 ng/ul m

RT: 22.71 min Scan# 5210

Delta R.T. -0.00 min

Lab File: BN008253.D

Acq: 18 Oct 2019 18:35

Instrument :

BNA_N

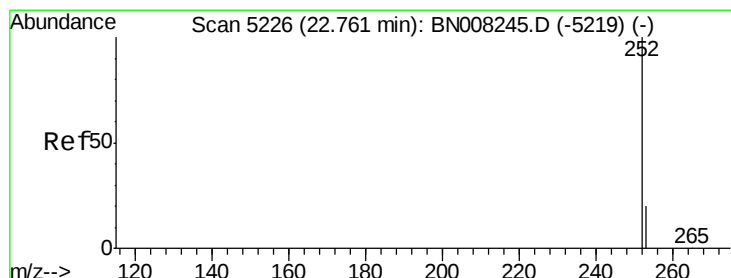
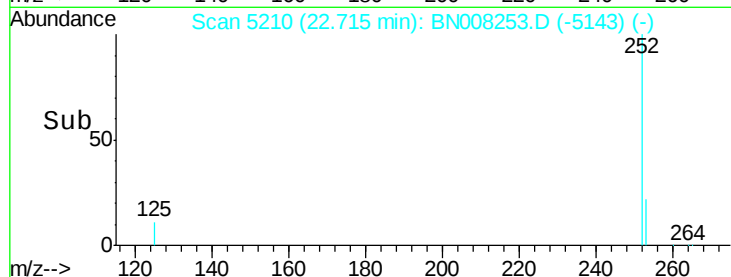
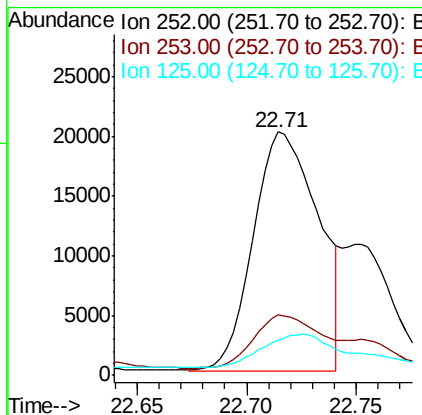
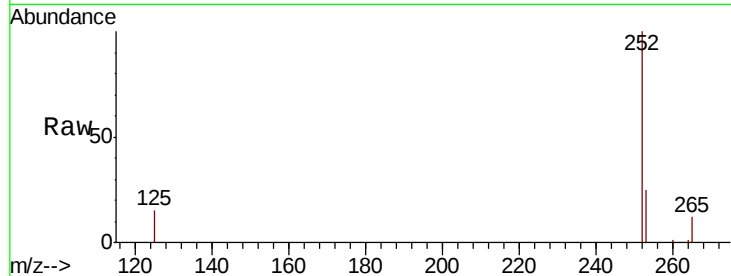
ClientSampleId :

BEPD2DL

Tot Ion:	252	Resp:	41405
Ion Ratio	Lower	Upper	
252	100		
253	24.8	0.0	53.4
125	14.6	0.0	32.4

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#22

Benzo(k)fluoranthene

Concen: 0.235 ng/ul m

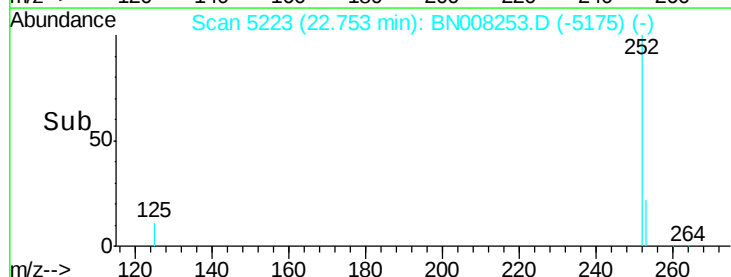
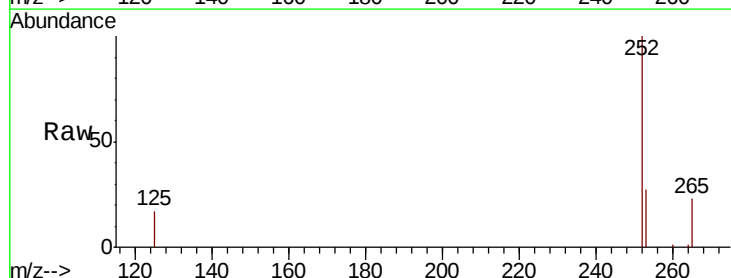
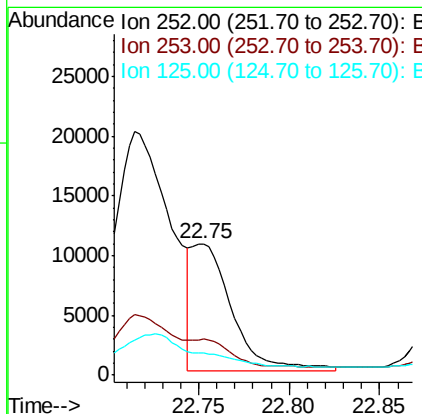
RT: 22.75 min Scan# 5223

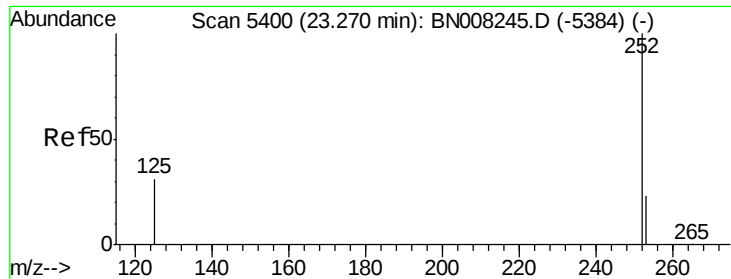
Delta R.T. -0.01 min

Lab File: BN008253.D

Acq: 18 Oct 2019 18:35

Tgt Ion:	252	Resp:	16483
Ion Ratio	Lower	Upper	
252	100		
253	27.3	21.3	31.9
125	16.5	12.3	18.5





#23

Benzo(a)pyrene

Concen: 0.449 ng/ul

RT: 23.26 min Scan# 5398

Delta R.T. -0.01 min

Lab File: BN008253.D

Acq: 18 Oct 2019 18:35

Instrument :

BNA_N

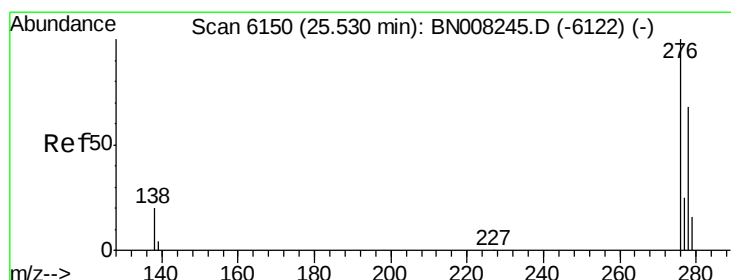
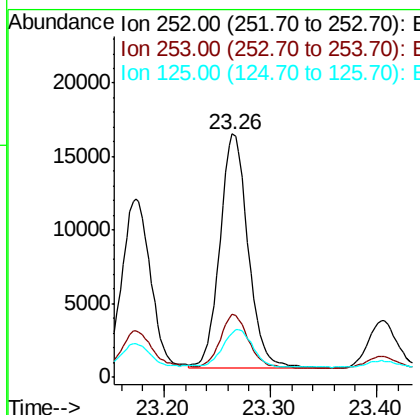
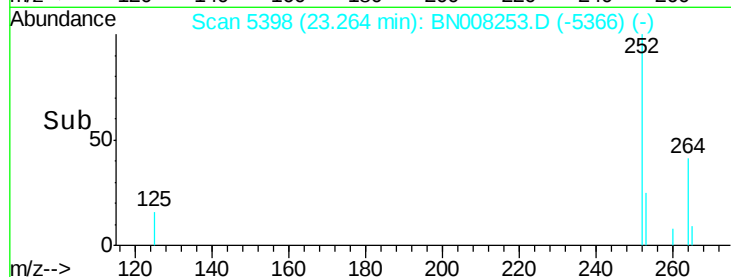
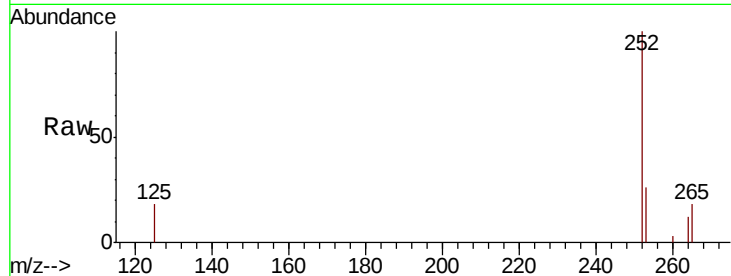
ClientSampleId :

BEPD2DL

Tot Ion:	252	Resp:	29276
Ion Ratio	Lower	Upper	
252	100		
253	25.8	22.8	34.2
125	18.2	18.4	27.6#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.227 ng/ul

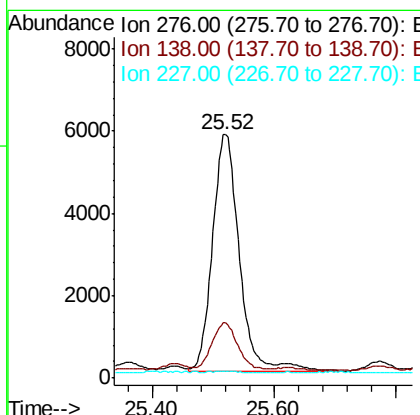
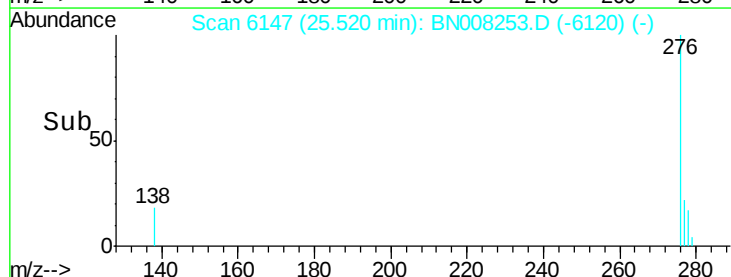
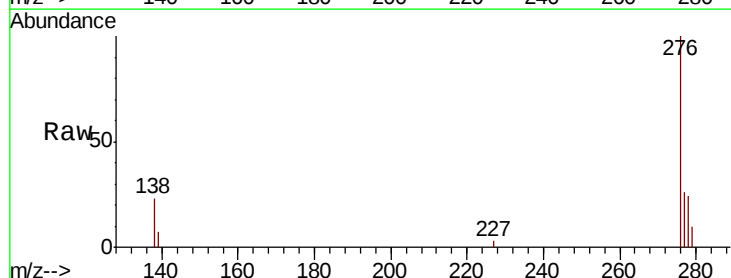
RT: 25.52 min Scan# 6147

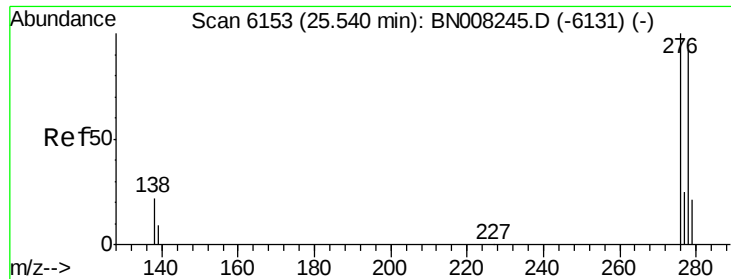
Delta R.T. -0.01 min

Lab File: BN008253.D

Acq: 18 Oct 2019 18:35

Tgt Ion:	276	Resp:	17441
Ion Ratio	Lower	Upper	
276	100		
138	18.5	16.1	24.1
227	0.2	0.2	0.2





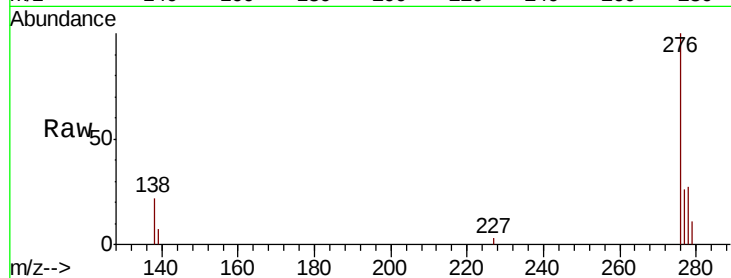
#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.53 min Scan# 6149
Delta R.T. -0.01 min
Lab File: BN008253.D
Acq: 18 Oct 2019 18:35

Instrument :
BNA_N
ClientSampleId :
BEPD2DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.1	15.0	22.6#
279	39.4	22.4	33.6#

Manual Integrations
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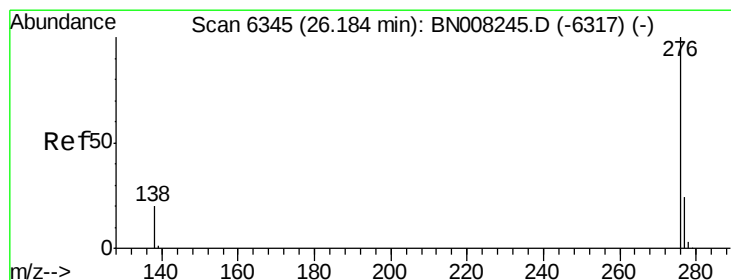
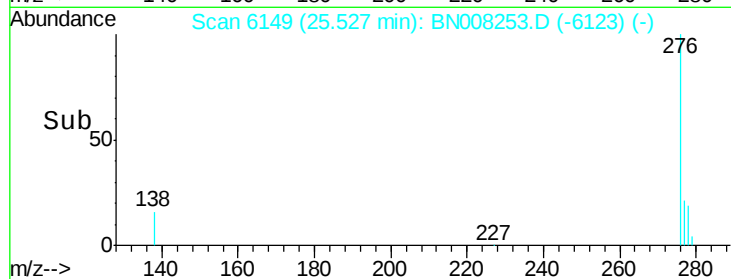
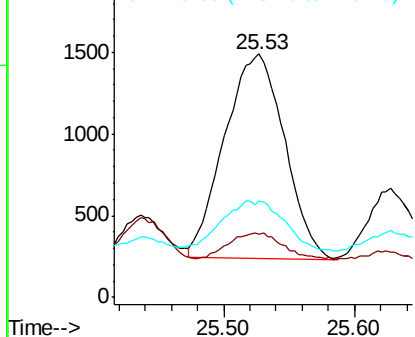


Abundance

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(g,h,i)perylene
Concen: 0.241 ng/ul
RT: 26.18 min Scan# 6343
Delta R.T. -0.01 min
Lab File: BN008253.D
Acq: 18 Oct 2019 18:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	17.0	25.4
277	25.8	20.4	30.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

