

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
 Data File : BN003799.D
 Acq On : 11 Dec 2018 03:39
 Operator : JU/SJ
 Sample : J6077-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9Y03

Manual Integrations
 APPROVED

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 12/11/2018 6:12:33 PM

Quant Time: Dec 11 06:00:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 11 04:22:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5772	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	23552	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12548	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	26339m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17940m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	17193m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6866	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	14359m	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	4095	0.062	ng/ul#	93
5) 2-Methylnaphthalene	12.29	142	1160	0.025	ng/ul	99
12) Phenanthrene	17.26	178	57351	0.663	ng/ul	99
13) Anthracene	17.35	178	5706m	0.080	ng/ul	
15) Fluoranthene	19.27	202	106170m	1.040	ng/ul	
17) Pyrene	19.64	202	85422	1.328	ng/ul	98
18) Benzo(a)anthracene	21.38	228	25663m	0.453	ng/ul	
19) Chrysene	21.44	228	35597m	0.549	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	45549m	0.640	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	16730m	0.241	ng/ul	
23) Benzo(a)pyrene	23.61	252	22439m	0.364	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.07	276	21369m	0.303	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	5162m	0.091	ng/ul	
26) Benzo(g,h,i)perylene	26.79	276	18450m	0.301	ng/ul	

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

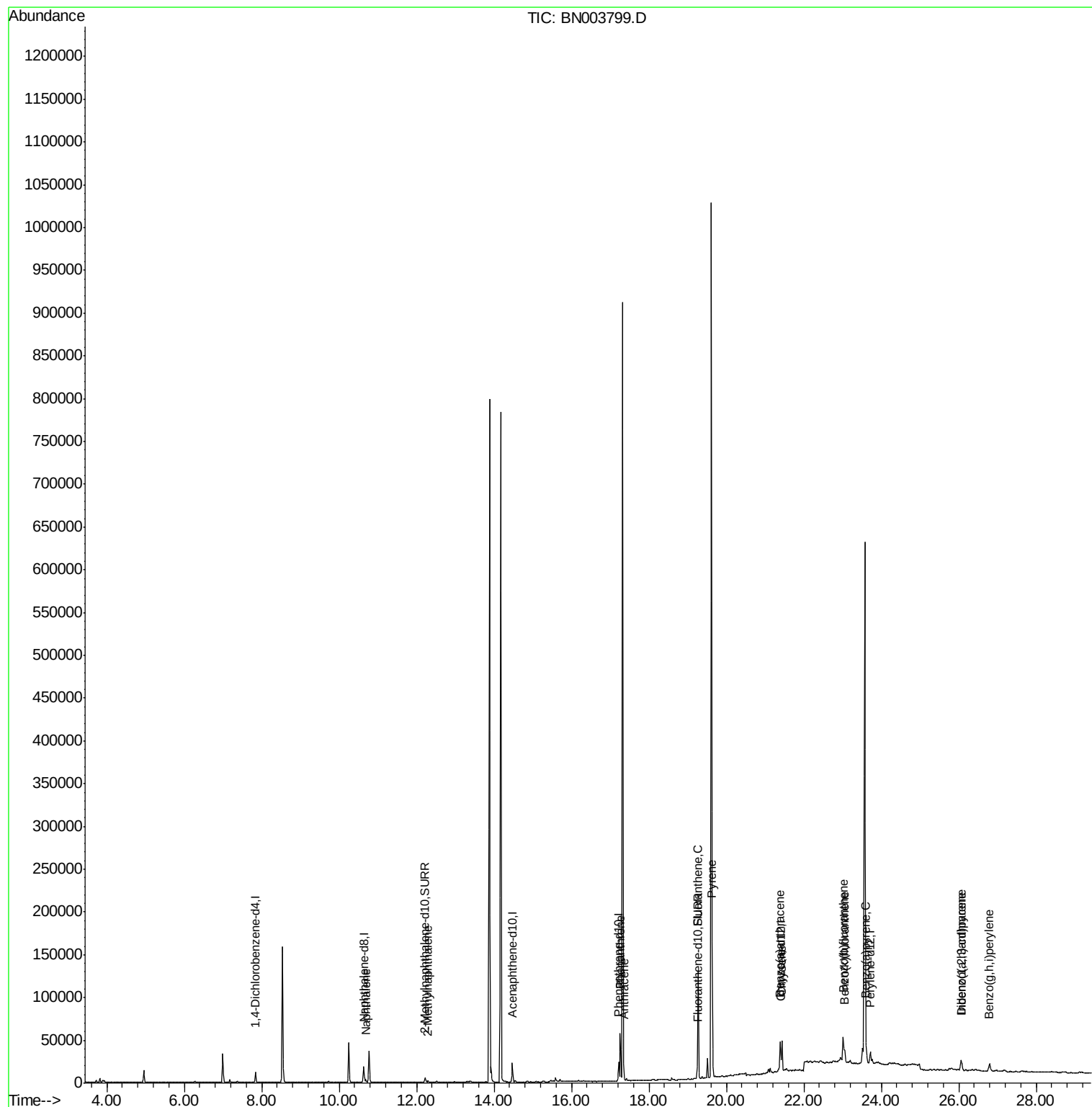
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003799.D
Acq On : 11 Dec 2018 03:39
Operator : JU/SJ
Sample : J6077-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

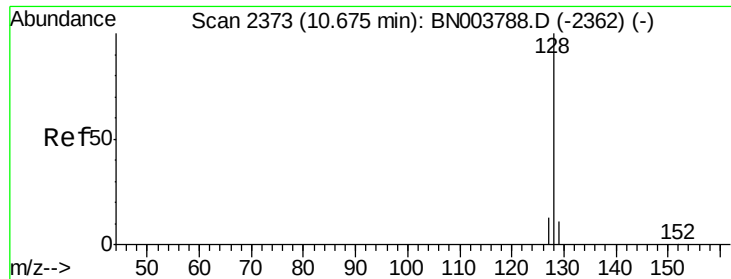
Instrument :
BNA_N
ClientSampleId :
F9Y03

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Quant Time: Dec 11 06:00:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.062 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

Instrument :

BNA_N

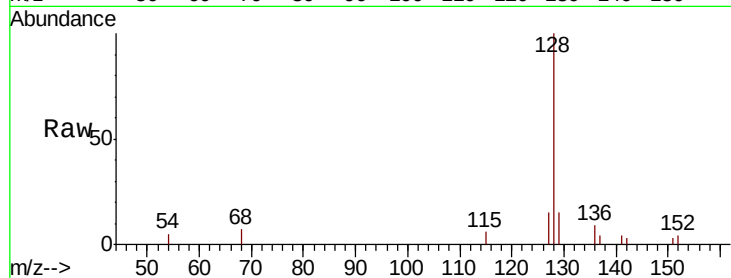
ClientSampleId :

F9Y03

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.0	13.6#
127	15.2	10.5	15.7

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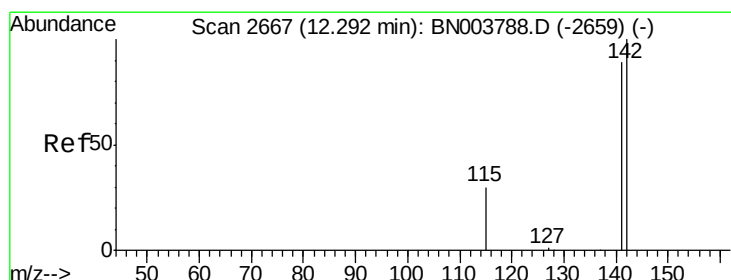
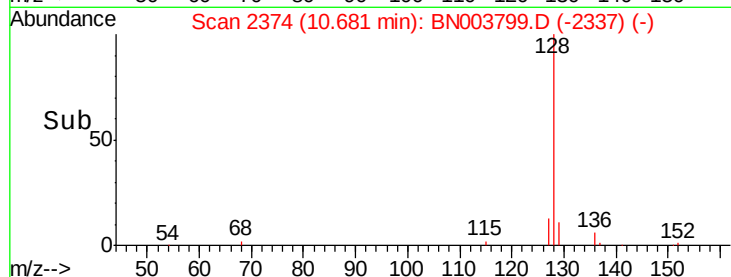
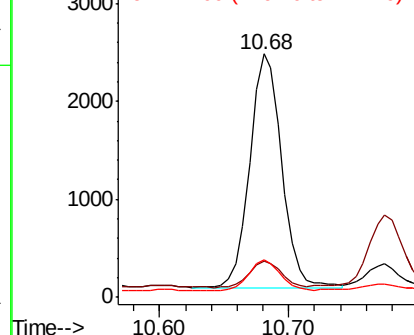


Abundance

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: 0.025 ng/ul

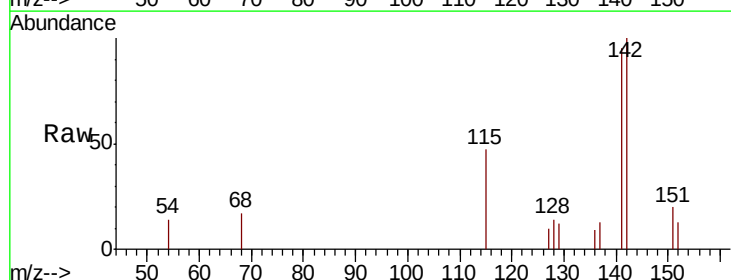
RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

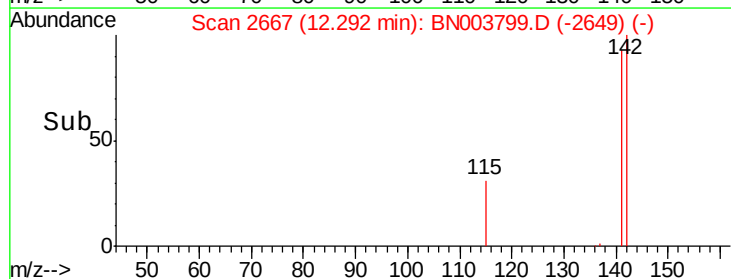
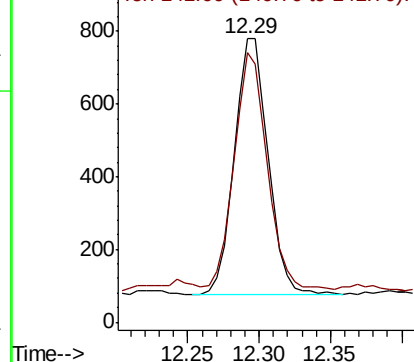
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.5	107.3

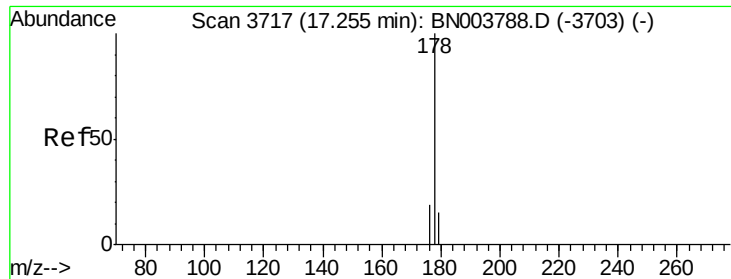


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.663 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

Instrument :

BNA_N

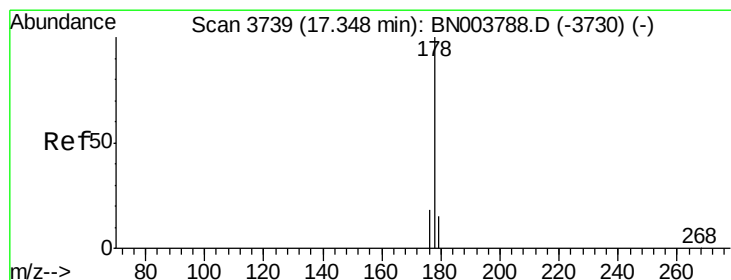
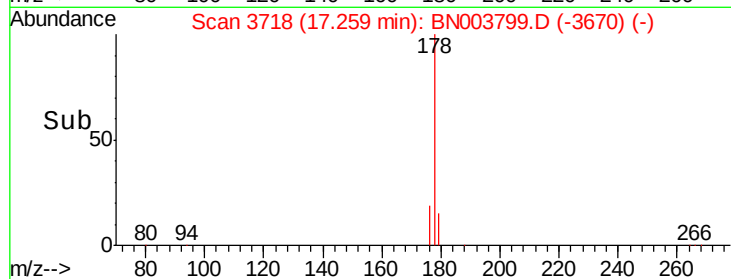
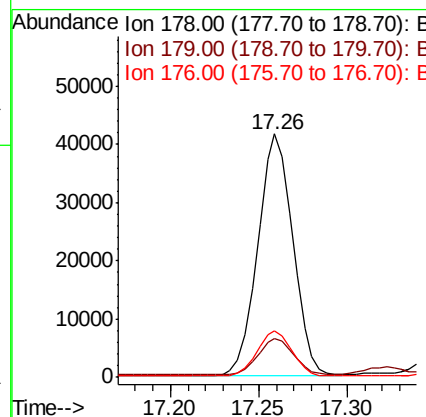
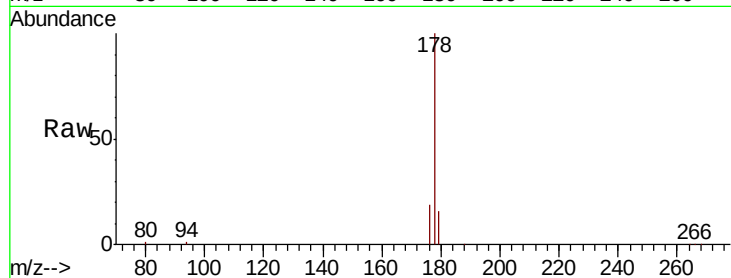
ClientSampleId :

F9Y03

Tot Ion:178	Resp:	57351
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.5 18.7
176	18.9	15.0 22.4

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#13

Anthracene

Concen: 0.080 ng/ul m

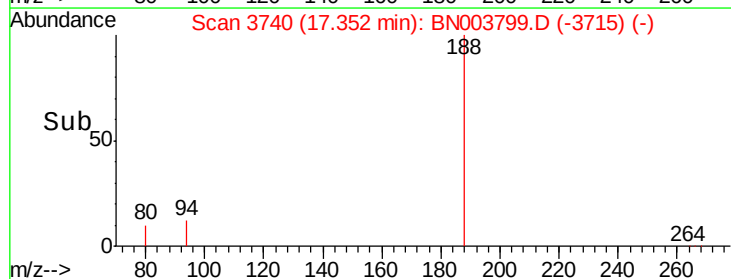
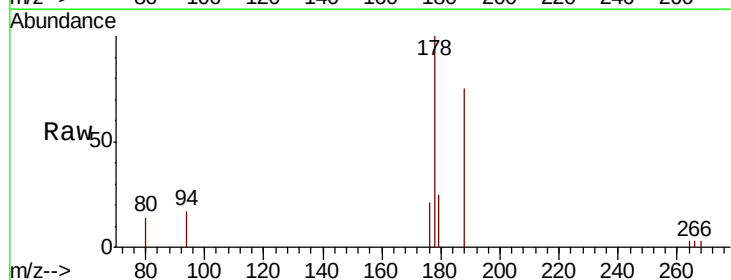
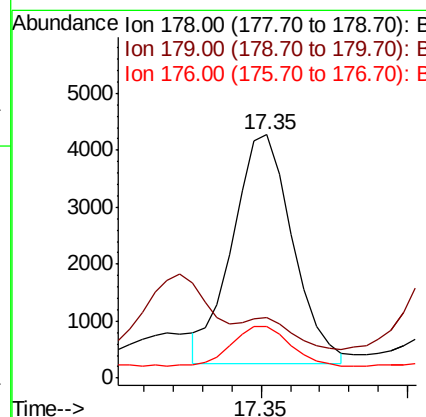
RT: 17.35 min Scan# 3740

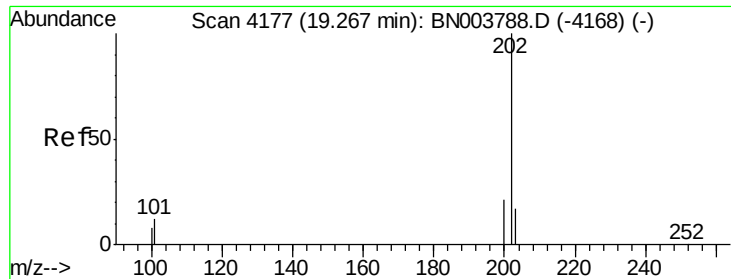
Delta R.T. 0.00 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

Tgt Ion:178	Resp:	5706
Ion Ratio	Lower	Upper
178	100	
179	24.8	12.3 18.5#
176	21.2	14.8 22.2





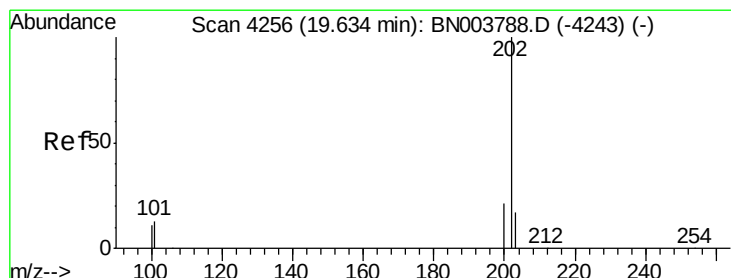
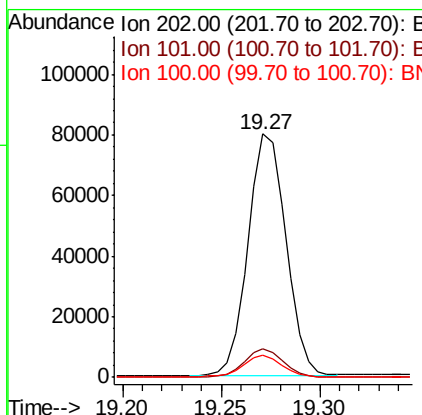
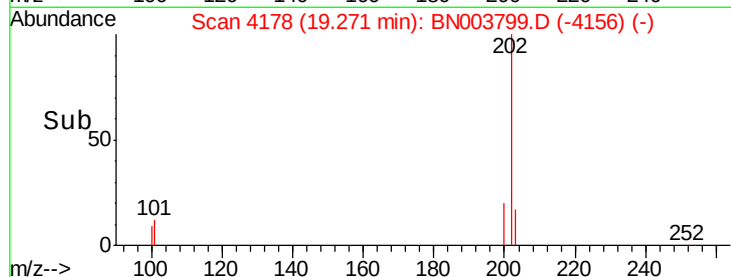
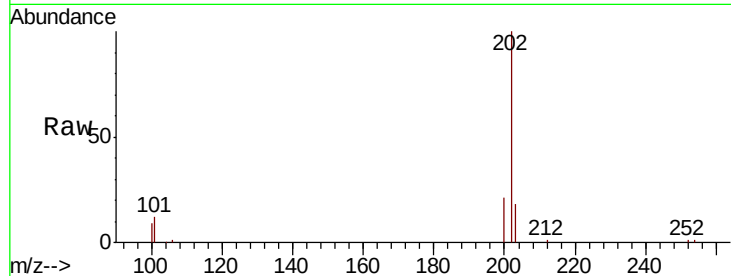
#15
Fluoranthene
Concen: 1.040 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003799.D
Acq: 11 Dec 2018 03:39

Instrument :
BNA_N
ClientSampleId :
F9Y03

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	30.7
100	9.0	0.0	28.1

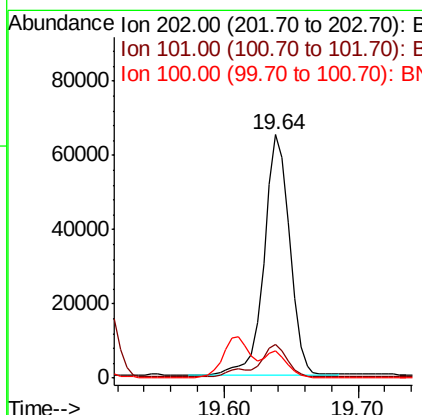
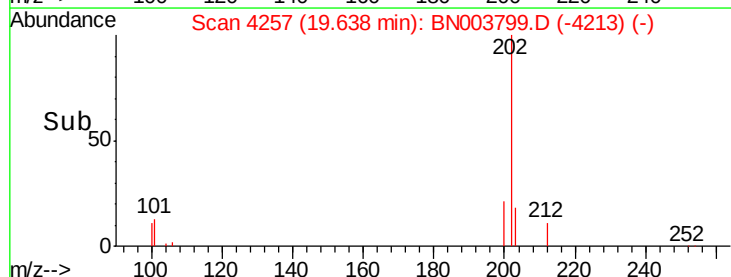
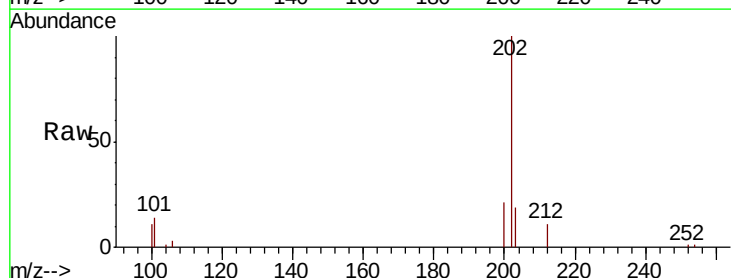
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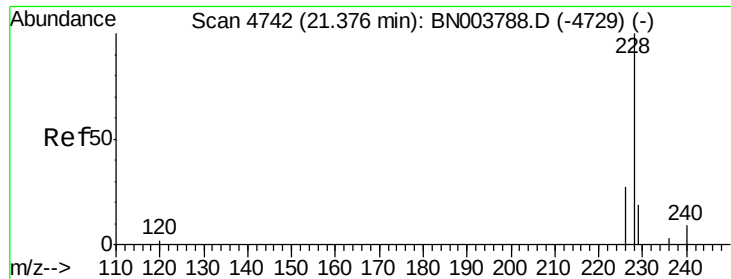
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#17
Pyrene
Concen: 1.328 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003799.D
Acq: 11 Dec 2018 03:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	10.3	15.5
100	11.0	8.5	12.7





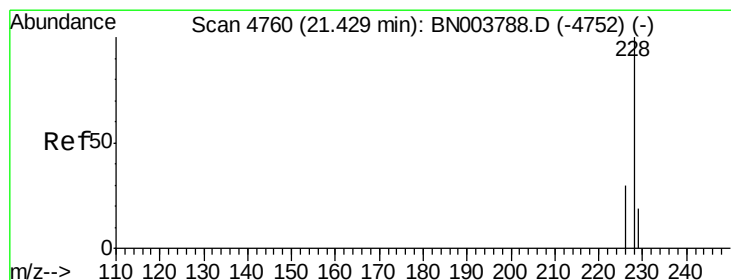
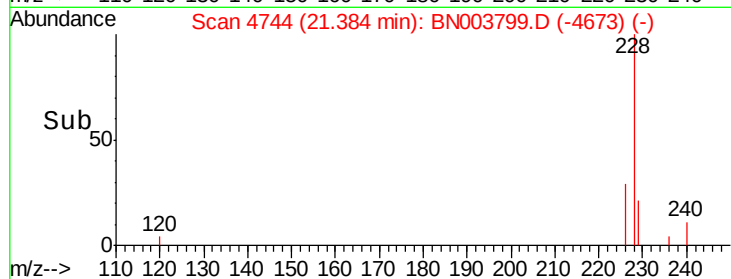
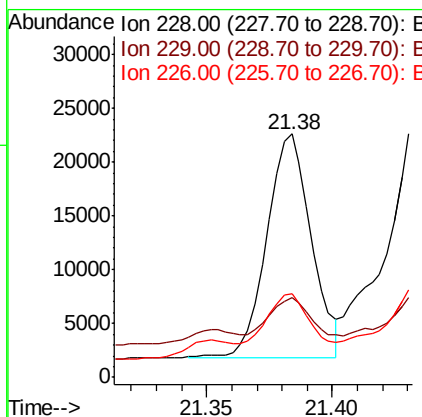
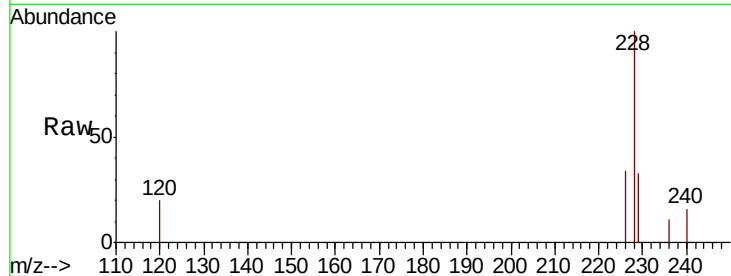
#18
Benzo(a)anthracene
Concen: 0.453 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. 0.01 min
Lab File: BN003799.D
Acq: 11 Dec 2018 03:39

Instrument :
BNA_N
ClientSampled :
F9Y03

Tot Ion	Ratio	Lower	Upper
228	100		
229	32.7	15.6	23.4#
226	34.1	21.1	31.7#

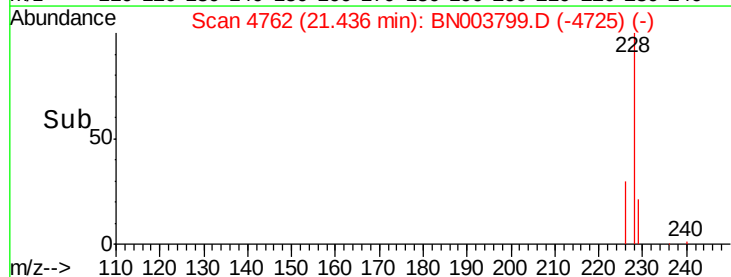
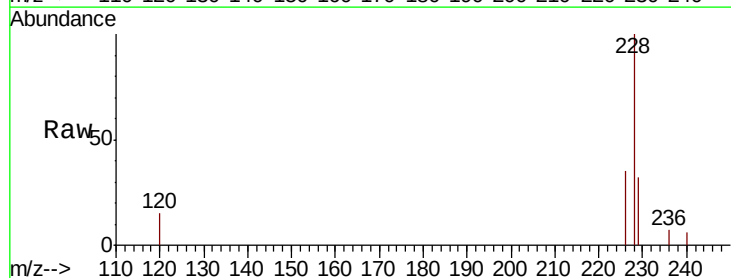
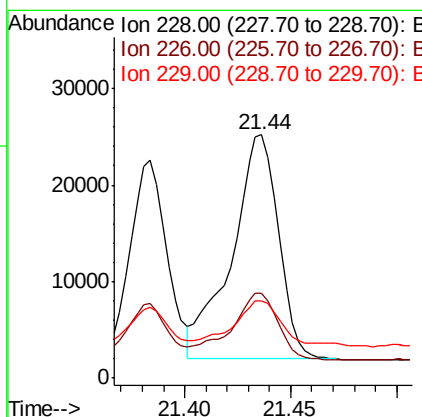
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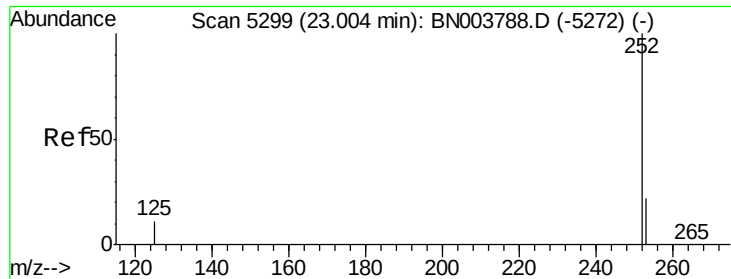
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#19
Chrysene
Concen: 0.549 ng/ul m
RT: 21.44 min Scan# 4762
Delta R.T. 0.01 min
Lab File: BN003799.D
Acq: 11 Dec 2018 03:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	24.0	36.0
229	31.9	15.7	23.5#





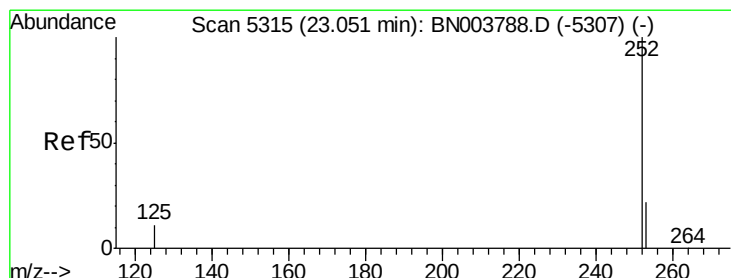
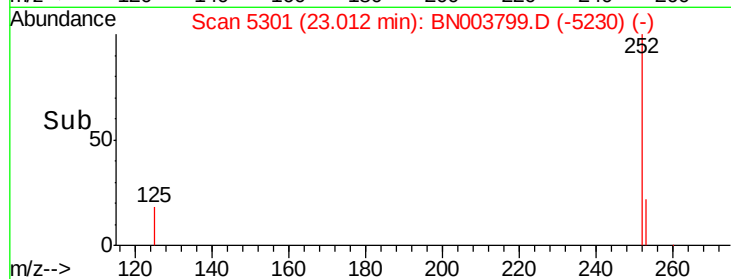
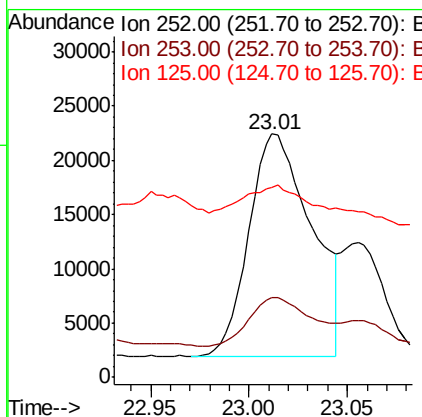
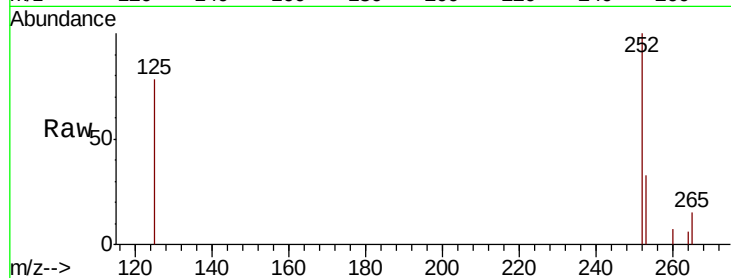
#21
Benzo(b)fluoranthene
Concen: 0.640 ng/ul m
RT: 23.01 min Scan# 5301
Delta R.T. 0.01 min
Lab File: BN003799.D
Acq: 11 Dec 2018 03:39

Instrument :
BNA_N
ClientSampleId :
F9Y03

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.9	0.0	46.0
125	77.9	0.0	22.4#

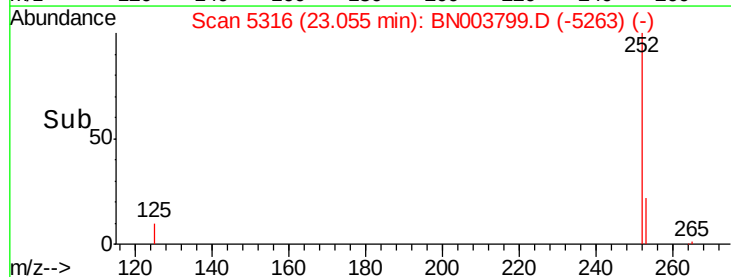
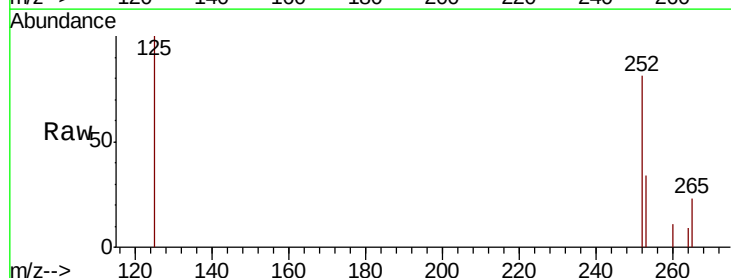
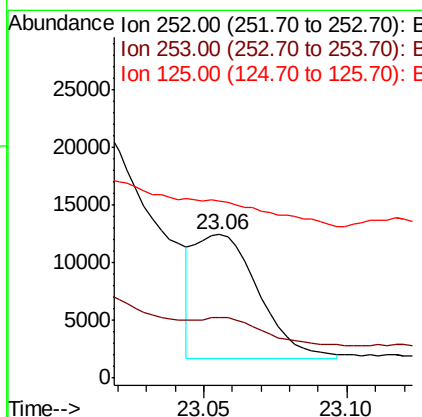
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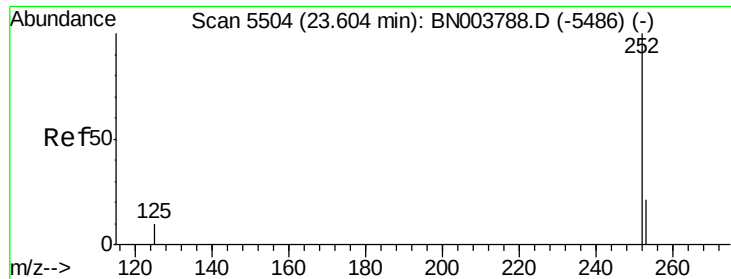
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#22
Benzo(k)fluoranthene
Concen: 0.241 ng/ul m
RT: 23.06 min Scan# 5316
Delta R.T. 0.00 min
Lab File: BN003799.D
Acq: 11 Dec 2018 03:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.9	18.5	27.7#
125	123.0	9.0	13.6#





#23

Benzo(a)pyrene

Concen: 0.364 ng/ul m

RT: 23.61 min Scan# 5507

Delta R.T. 0.01 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

Instrument :

BNA_N

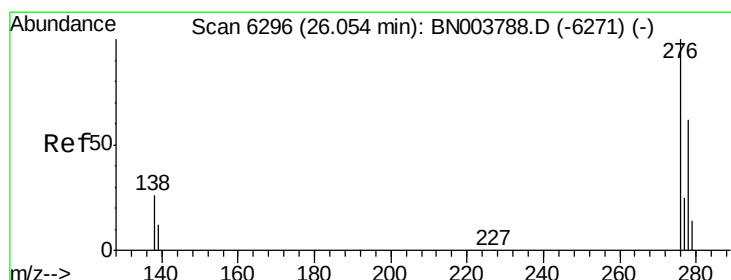
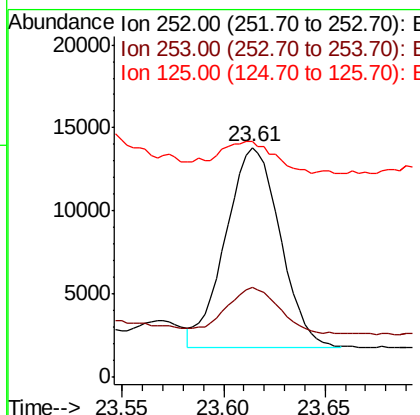
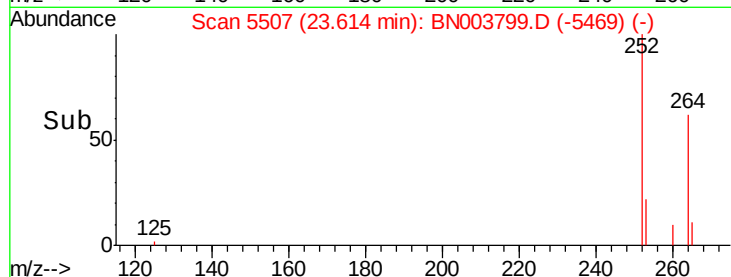
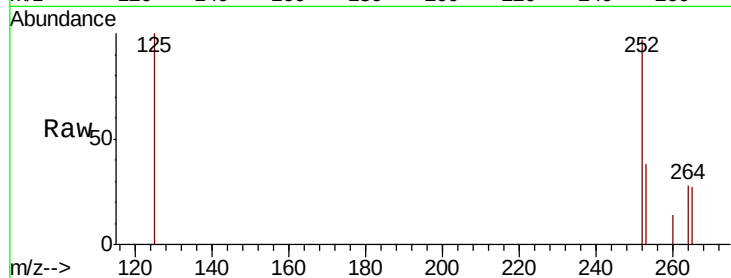
ClientSampleId :

F9Y03

Tot Ion:	252	Resp:	22439
Ion Ratio	Lower	Upper	
252	100		
253	39.1	19.0	28.4#
125	102.8	10.2	15.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.303 ng/ul m

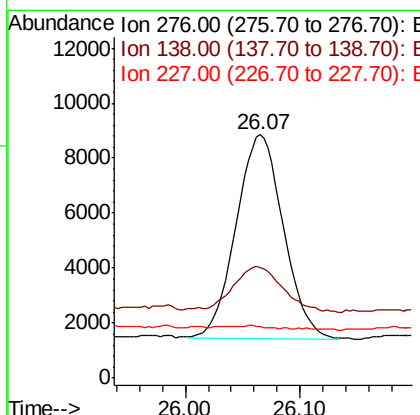
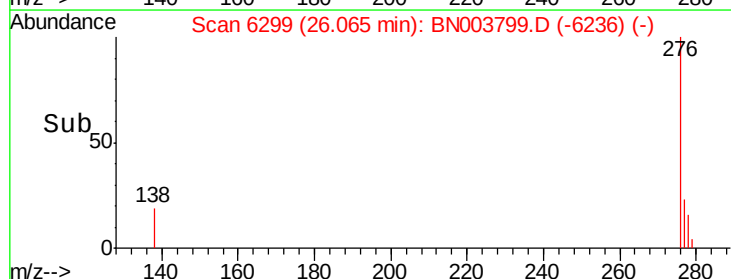
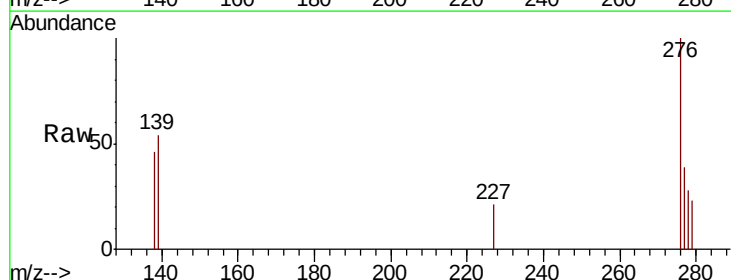
RT: 26.07 min Scan# 6299

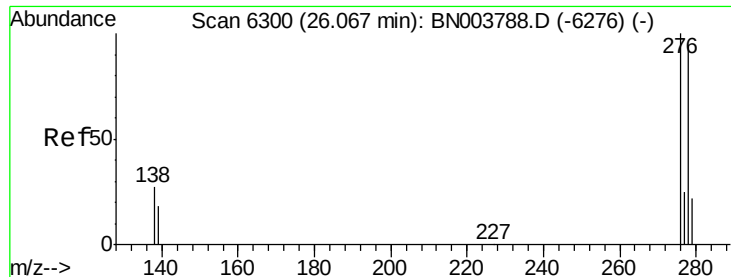
Delta R.T. 0.01 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

Tgt Ion:	276	Resp:	21369
Ion Ratio	Lower	Upper	
276	100		
138	22.6	20.3	30.5
227	0.6	0.2	0.2#





#25

Dibenzo(a,h)anthracene

Concen: 0.091 ng/ul m

RT: 26.08 min Scan# 6302

Delta R.T. 0.01 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

Instrument :

BNA_N

ClientSampleId :

F9Y03

Tot Ion:278 Resp: 5162

Ion Ratio Lower Upper

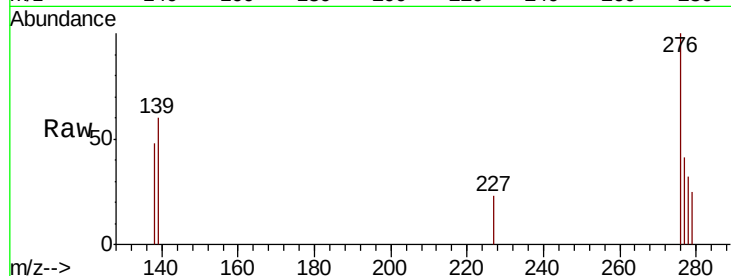
278 100

139 188.9 14.2 21.4#

279 79.9 19.8 29.6#

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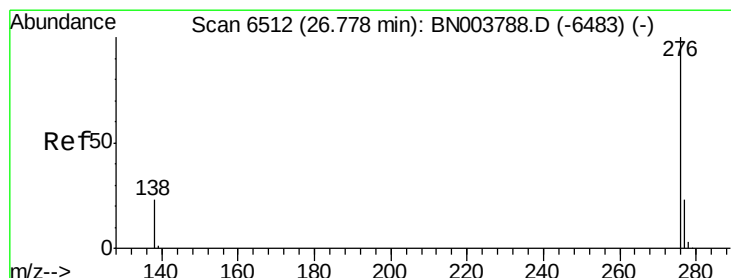
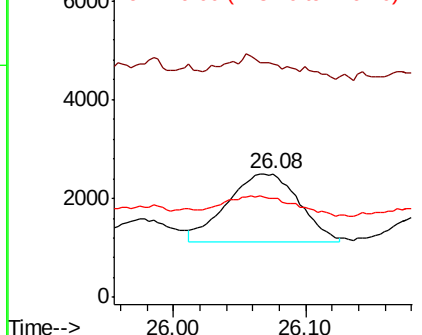
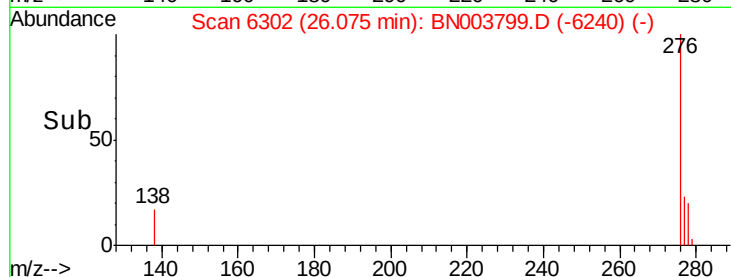
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Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.301 ng/ul m

RT: 26.79 min Scan# 6516

Delta R.T. 0.01 min

Lab File: BN003799.D

Acq: 11 Dec 2018 03:39

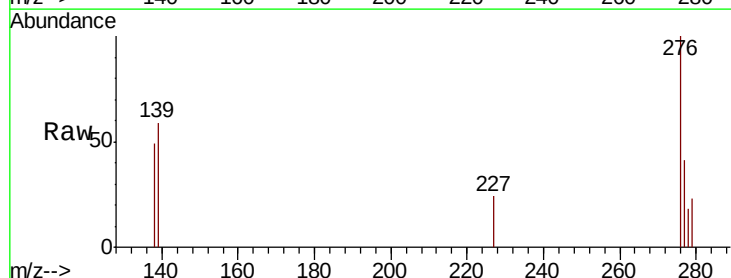
Tgt Ion:276 Resp: 18450

Ion Ratio Lower Upper

276 100

138 49.0 17.7 26.5#

277 41.1 19.3 28.9#



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

