

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
 Data File : BN003965.D
 Acq On : 15 Dec 2018 19:14
 Operator : JU/SJ
 Sample : J6227-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E69

Manual Integrations
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Quant Time: Dec 15 23:12:29 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 : Sat Dec 15 23:04:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2173	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10579	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6313	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	15409m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18733m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	16015m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3077	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9125m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	1227	0.041	ng/ul#	83
5) 2-Methylnaphthalene	12.29	142	2511	0.121	ng/ul	99
12) Phenanthrene	17.26	178	13430	0.266	ng/ul	99
13) Anthracene	17.35	178	2142m	0.052	ng/ul	
15) Fluoranthene	19.27	202	4049m	0.068	ng/ul	
17) Pyrene	19.63	202	15733m	0.234	ng/ul	
18) Benzo(a)anthracene	21.38	228	7616	0.129	ng/ul#	88
19) Chrysene	21.43	228	13438	0.198	ng/ul#	95
21) Benzo(b)fluoranthene	23.01	252	4439m	0.067	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	1603m	0.025	ng/ul	
23) Benzo(a)pyrene	23.61	252	4255	0.074	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	26.06	276	2618	0.040	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.07	278	1720	0.032	ng/ul#	20
26) Benzo(g,h,i)perylene	26.79	276	4578	0.080	ng/ul#	80

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

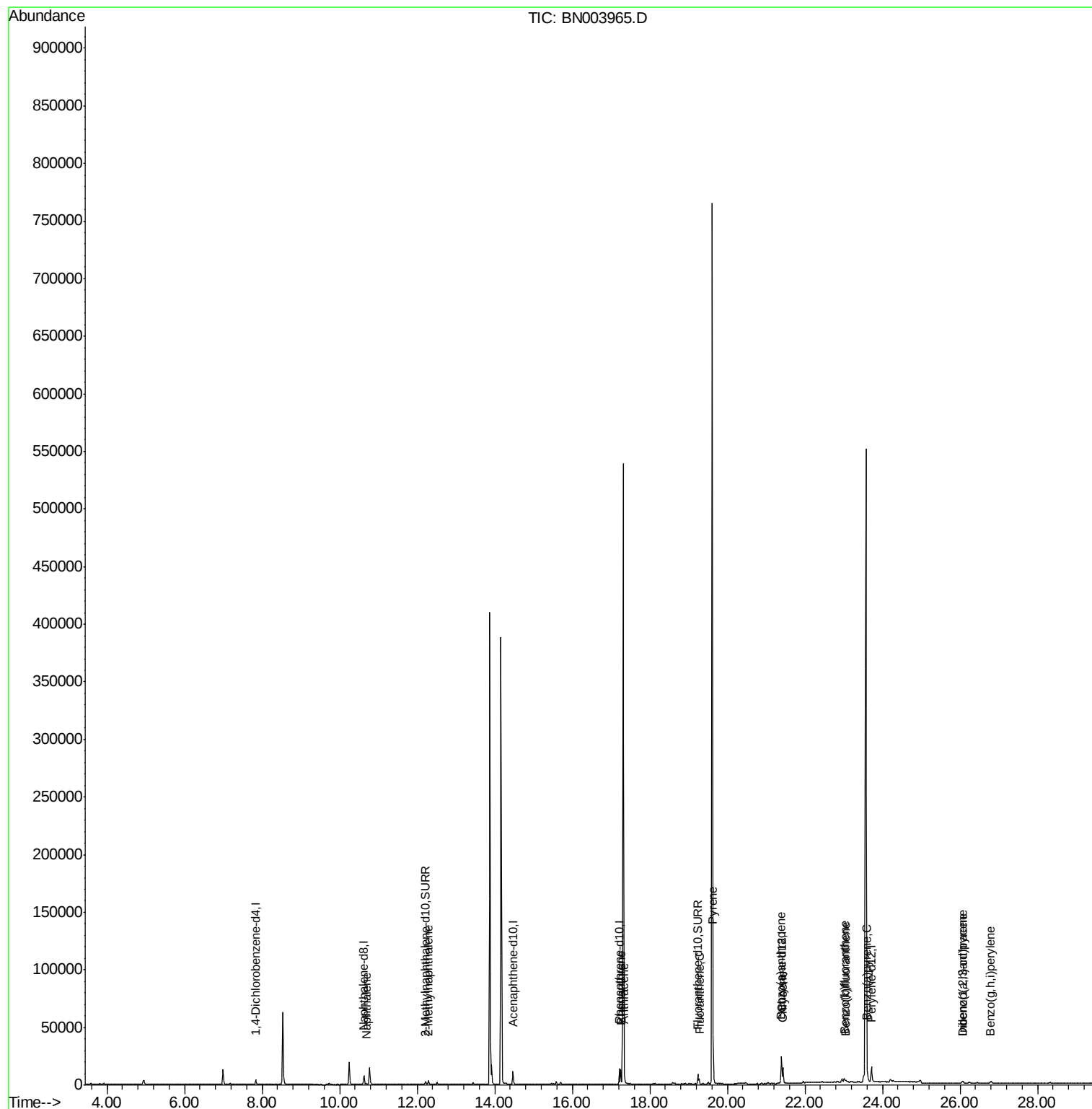
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003965.D
Acq On : 15 Dec 2018 19:14
Operator : JU/SJ
Sample : J6227-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

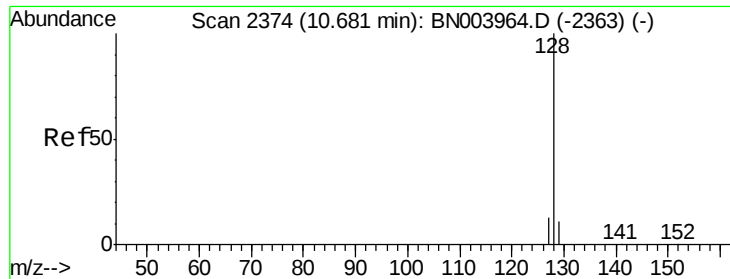
Instrument :
BNA_N
ClientSampleId :
F9E69

Quant Time: Dec 15 23:12:29 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.041 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003965.D

Acq: 15 Dec 2018 19:14

Instrument :

BNA_N

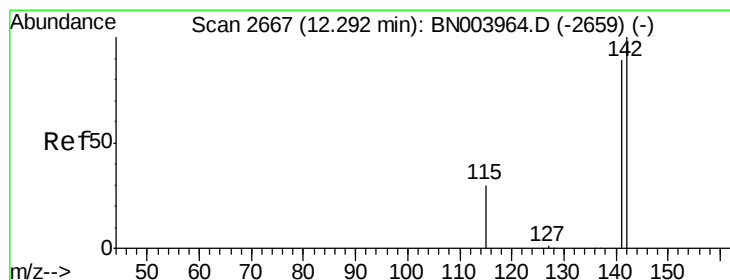
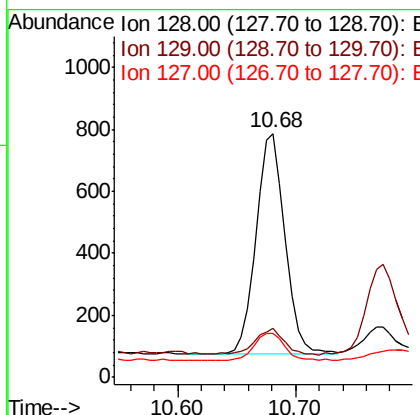
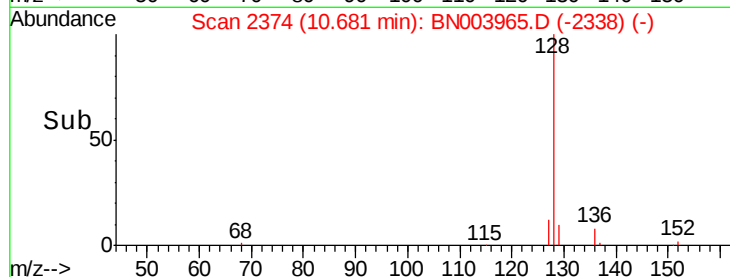
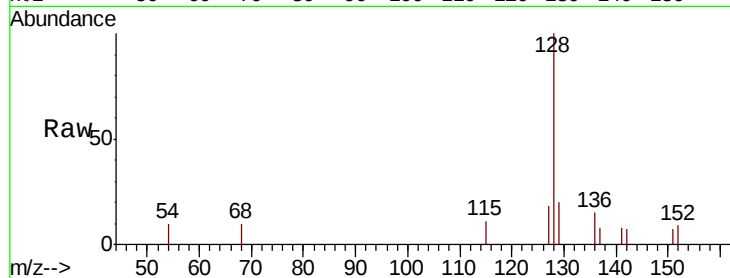
ClientSampleId :

F9E69

Tot Ion:	128	Resp:	1227
Ion Ratio	Lower	Upper	
128	100		
129	20.0	9.0	13.6#
127	18.2	10.5	15.7#

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#5

2-Methylnaphthalene

Concen: 0.121 ng/ul

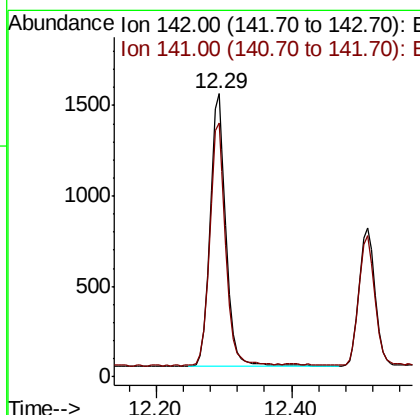
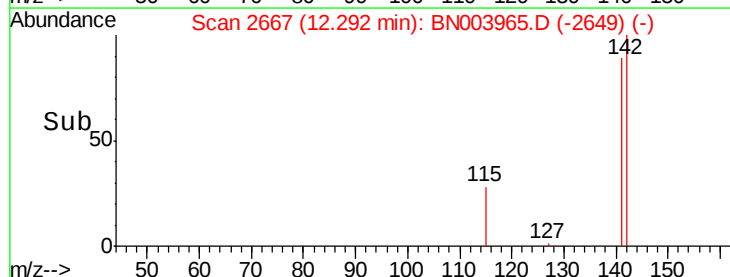
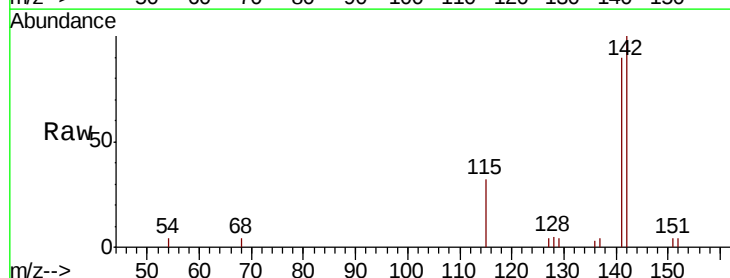
RT: 12.29 min Scan# 2667

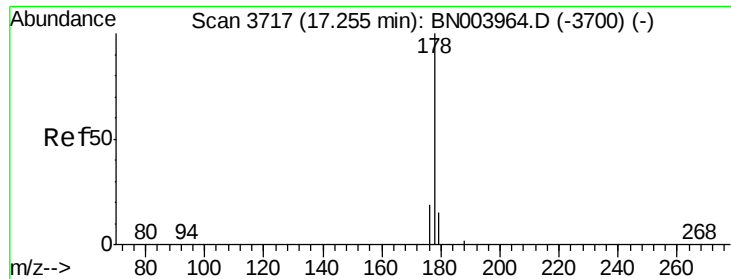
Delta R.T. 0.00 min

Lab File: BN003965.D

Acq: 15 Dec 2018 19:14

Tgt Ion:	142	Resp:	2511
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.5	107.3





#12

Phenanthrene

Concen: 0.266 ng/ul

RT: 17.26 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BN003965.D

Acq: 15 Dec 2018 19:14

Instrument :

BNA_N

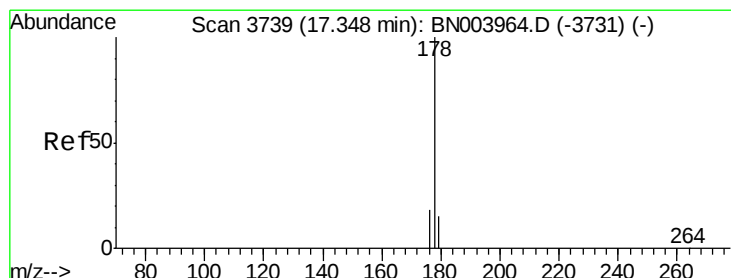
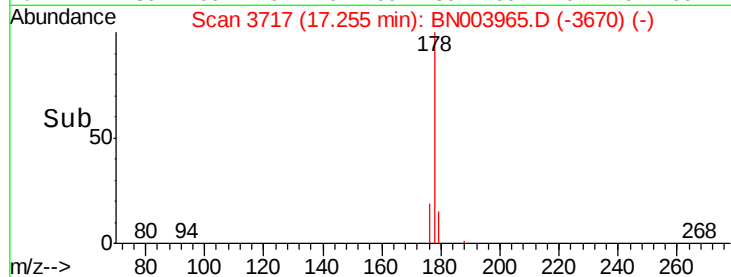
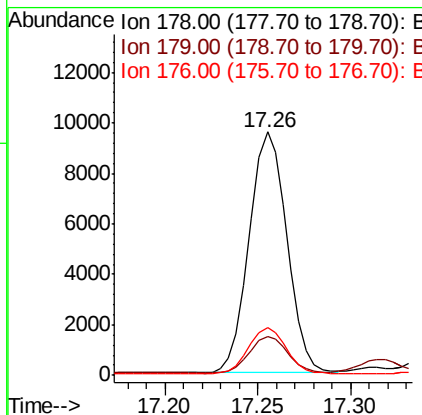
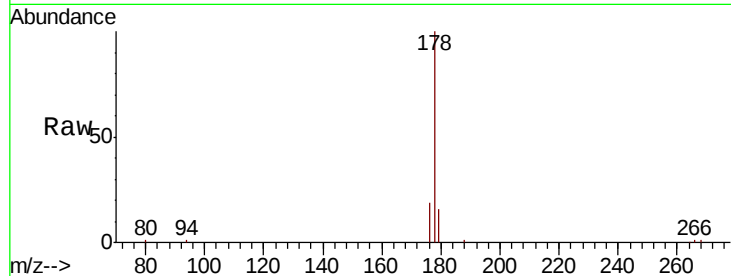
ClientSampleId :

F9E69

Tot Ion:178	Resp:	13430
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.5 18.7
176	19.5	15.0 22.4

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#13

Anthracene

Concen: 0.052 ng/ul m

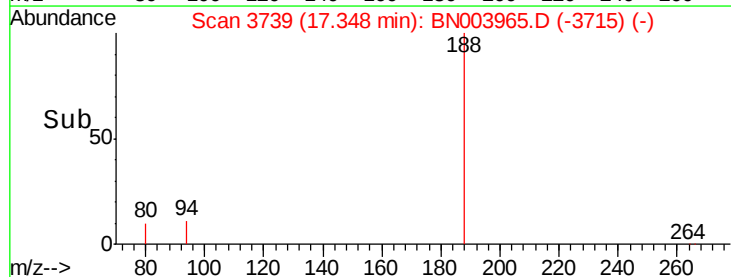
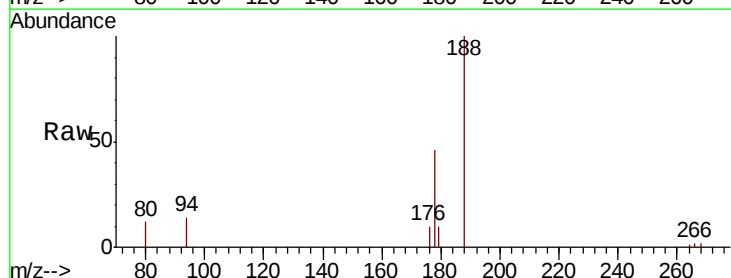
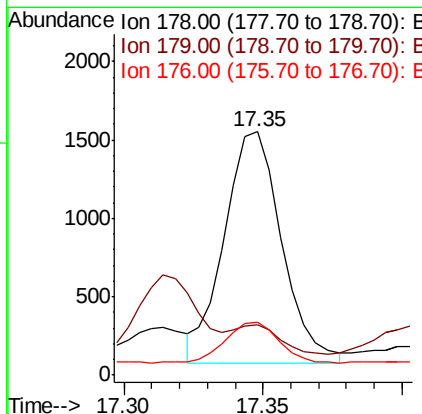
RT: 17.35 min Scan# 3739

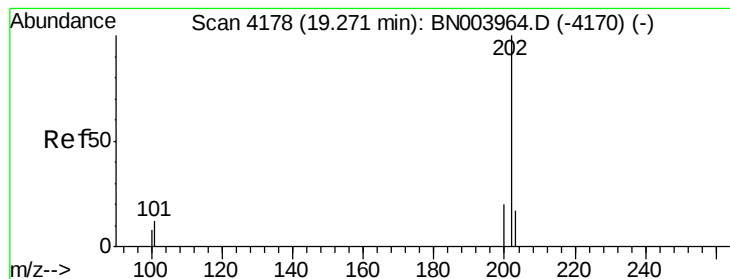
Delta R.T. 0.00 min

Lab File: BN003965.D

Acq: 15 Dec 2018 19:14

Tgt Ion:178	Resp:	2142
Ion Ratio	Lower	Upper
178	100	
179	20.7	12.3 18.5#
176	21.6	14.8 22.2





#15

Fluoranthene

Concen: 0.068 ng/ul m

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN003965.D

Acq: 15 Dec 2018 19:14

Instrument :

BNA_N

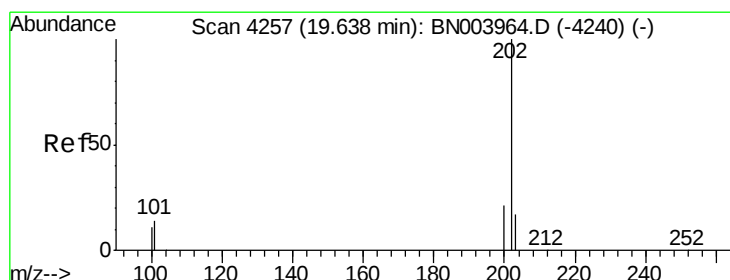
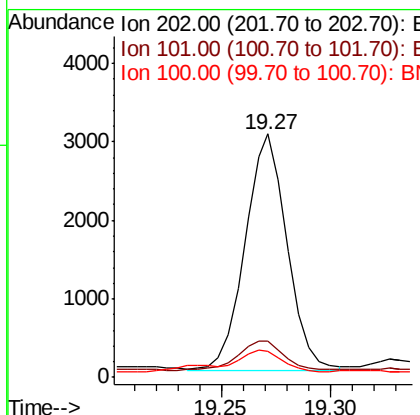
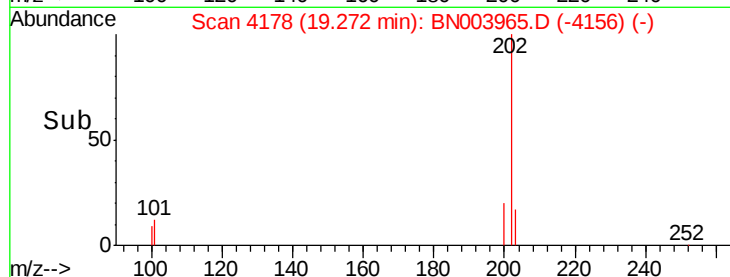
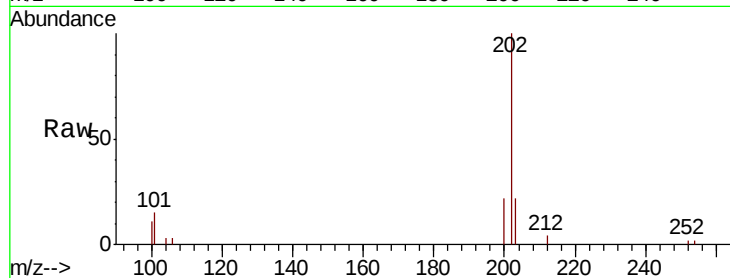
ClientSampleId :

F9E69

Tot Ion:	202	Resp:	4049
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	30.7
100	10.5	0.0	28.1

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#17

Pyrene

Concen: 0.234 ng/ul m

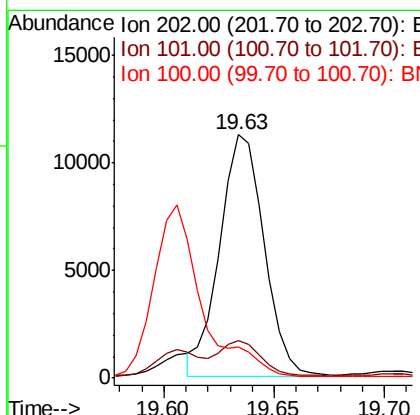
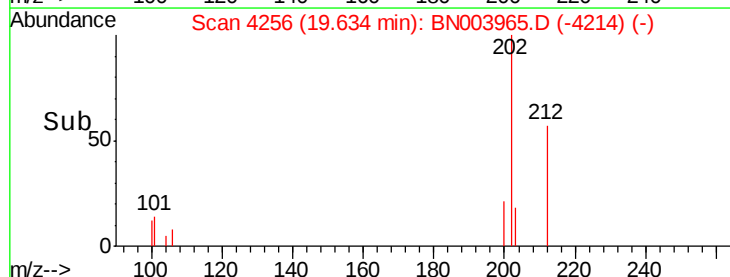
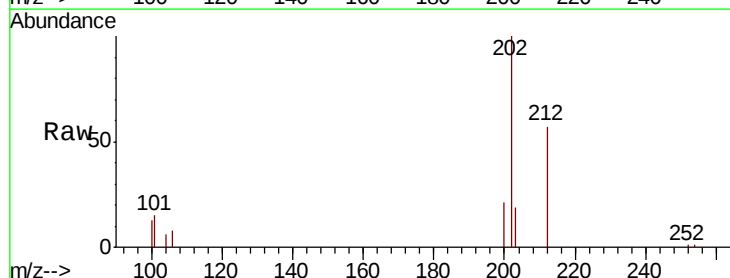
RT: 19.63 min Scan# 4256

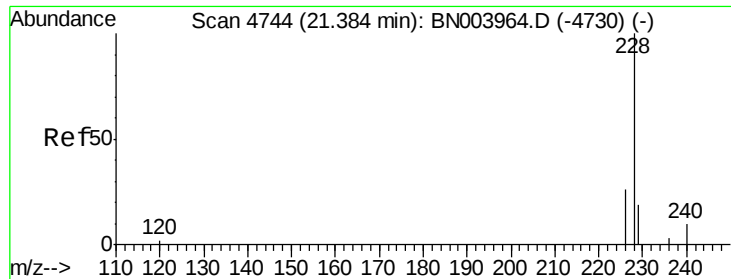
Delta R.T. -0.00 min

Lab File: BN003965.D

Acq: 15 Dec 2018 19:14

Tgt Ion:	202	Resp:	15733
Ion Ratio	Lower	Upper	
202	100		
101	15.2	10.3	15.5
100	12.5	8.5	12.7





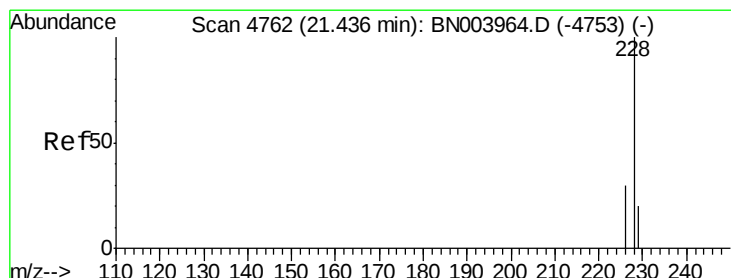
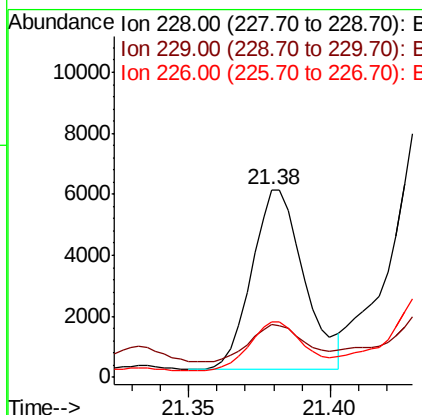
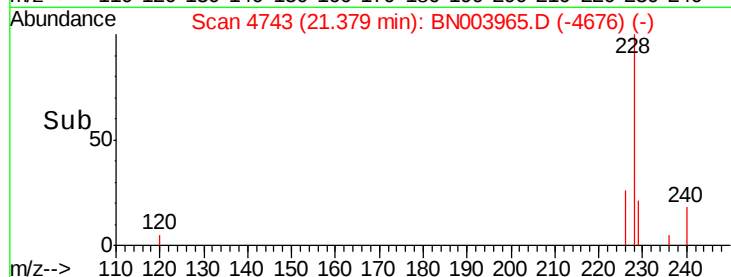
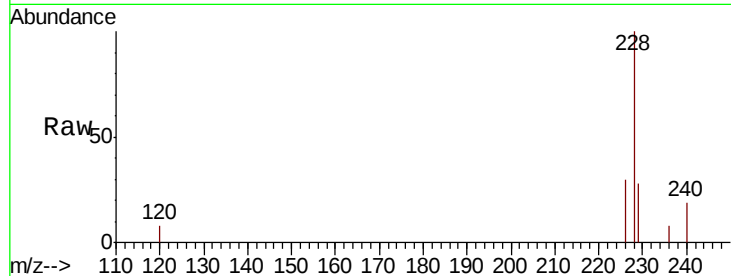
#18
Benzo(a)anthracene
Concen: 0.129 ng/ul
RT: 21.38 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BN003965.D
Acq: 15 Dec 2018 19:14

Instrument :
BNA_N
ClientSampled :
F9E69

Tot Ion	Ratio	Lower	Upper
228	100		
229	28.4	15.6	23.4#
226	29.9	21.1	31.7

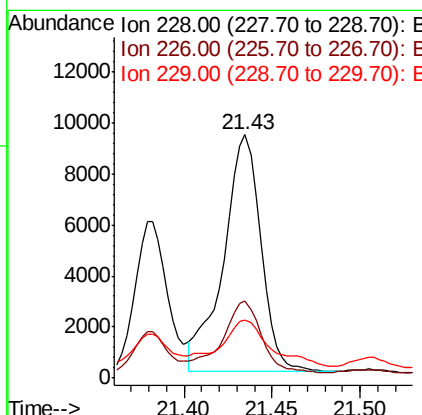
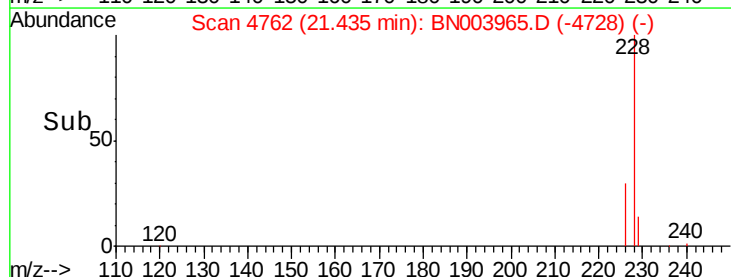
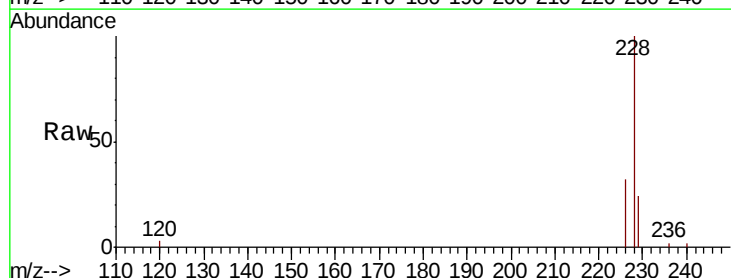
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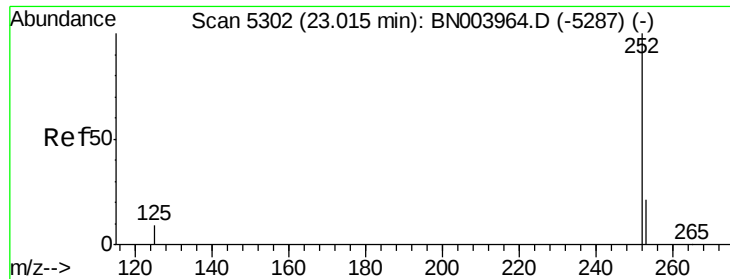
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#19
Chrysene
Concen: 0.198 ng/ul
RT: 21.43 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN003965.D
Acq: 15 Dec 2018 19:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	23.8	15.7	23.5#





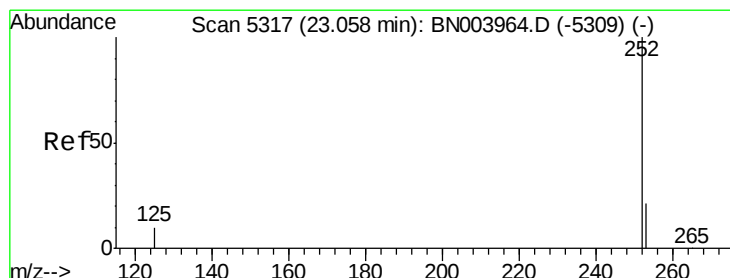
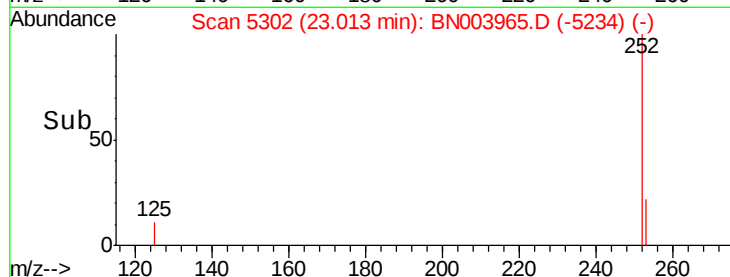
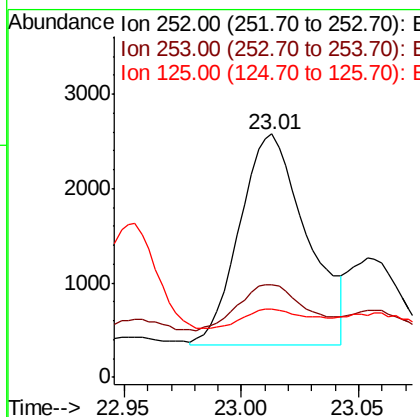
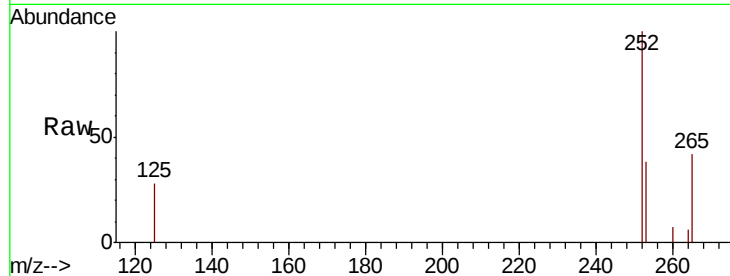
#21
Benzo(b)fluoranthene
Concen: 0.067 ng/ul m
RT: 23.01 min Scan# 5302
Delta R.T. -0.00 min
Lab File: BN003965.D
Acq: 15 Dec 2018 19:14

Instrument :
BNA_N
ClientSampleId :
F9E69

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.9	0.0	46.0
125	28.2	0.0	22.4

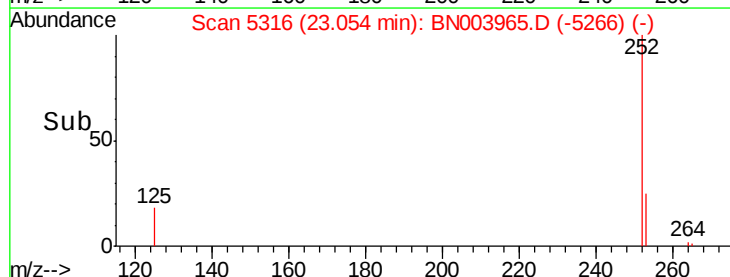
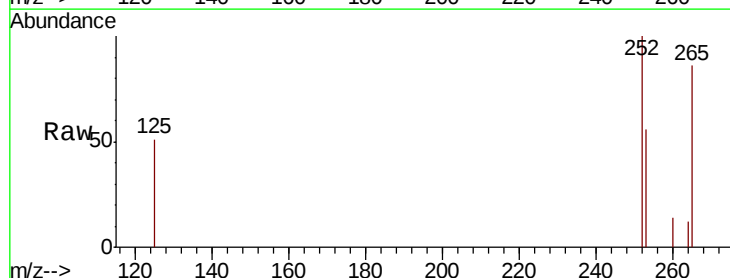
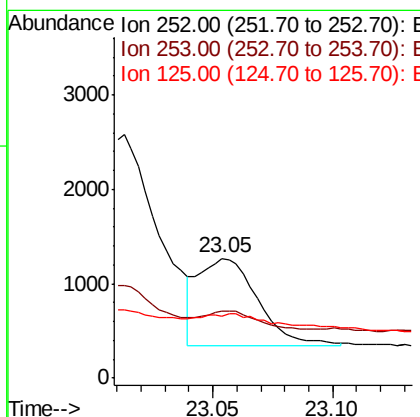
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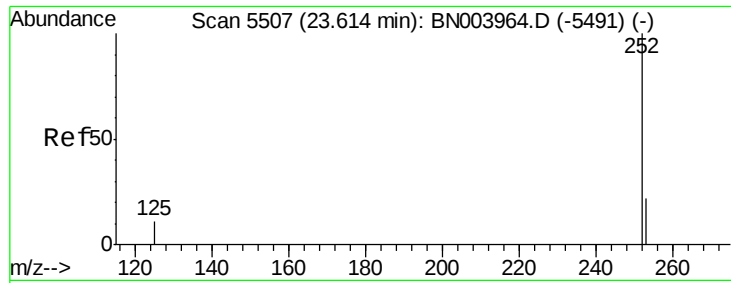
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#22
Benzo(k)fluoranthene
Concen: 0.025 ng/ul m
RT: 23.05 min Scan# 5316
Delta R.T. -0.00 min
Lab File: BN003965.D
Acq: 15 Dec 2018 19:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	56.3	18.5	27.7
125	51.2	9.0	13.6





#23

Benzo(a)pyrene

Concen: 0.074 ng/u1

RT: 23.61 min Scan# 5507

Delta R.T. -0.00 min

Lab File: BN003965.D

Acq: 15 Dec 2018 19:14

Instrument :

BNA_N

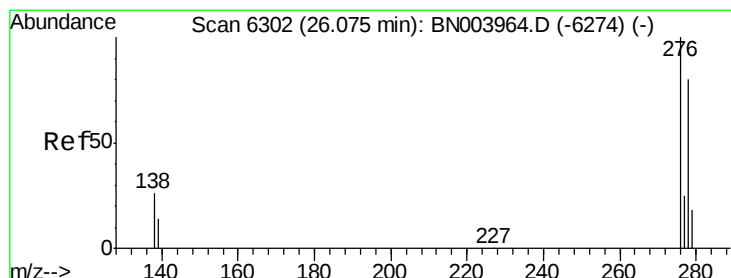
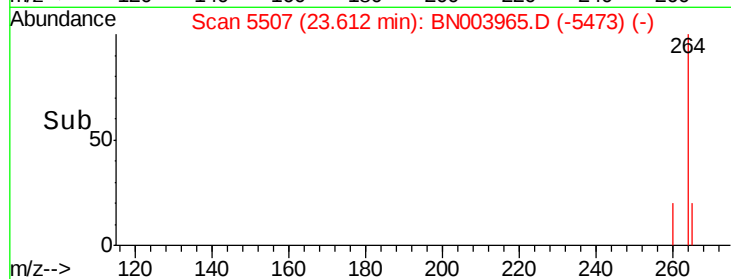
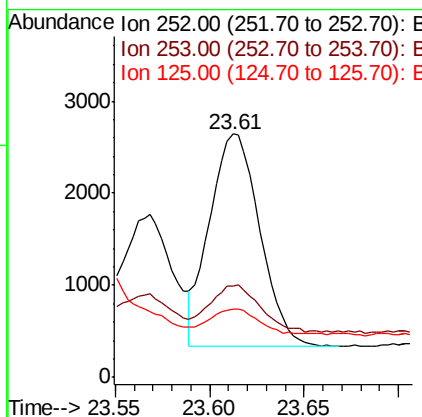
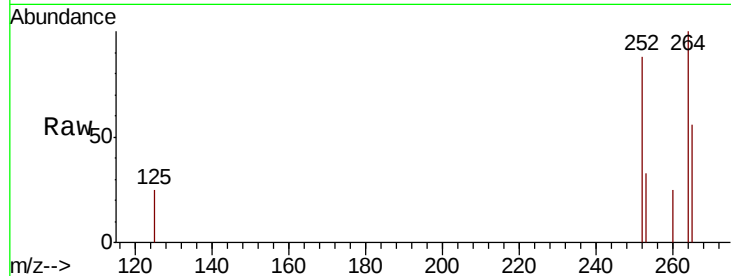
ClientSampleId :

F9E69

Tot Ion:	252	Resp:	4255
Ion Ratio	Lower	Upper	
252	100		
253	37.6	19.0	28.4#
125	28.3	10.2	15.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.040 ng/u1

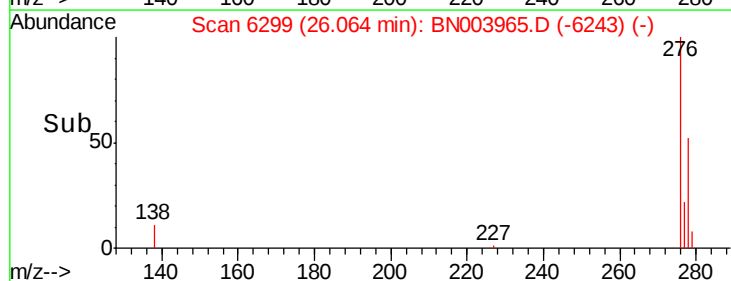
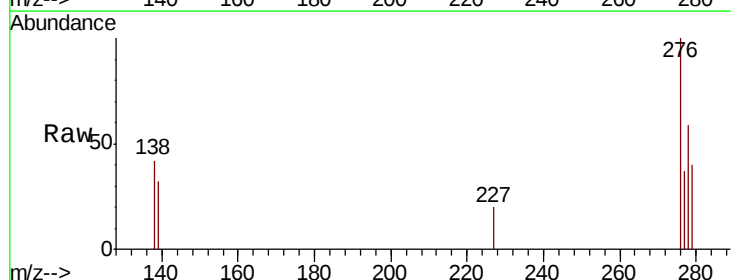
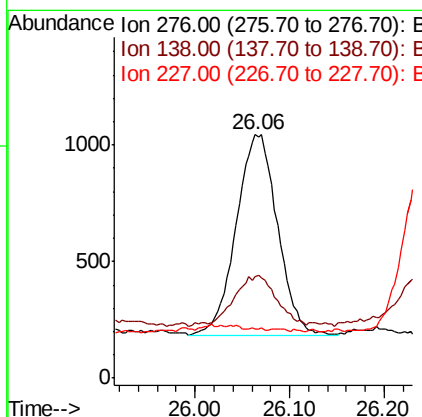
RT: 26.06 min Scan# 6299

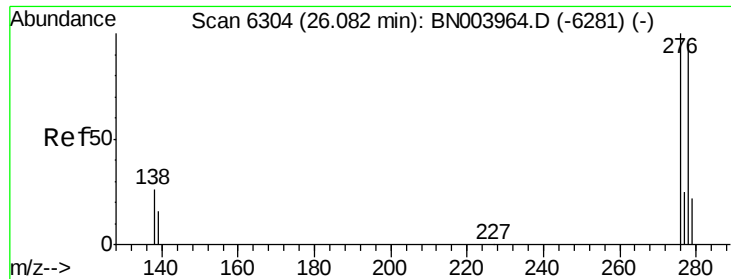
Delta R.T. -0.01 min

Lab File: BN003965.D

Acq: 15 Dec 2018 19:14

Tgt Ion:	276	Resp:	2618
Ion Ratio	Lower	Upper	
276	100		
138	26.1	20.3	30.5
227	0.0	0.2	0.2#





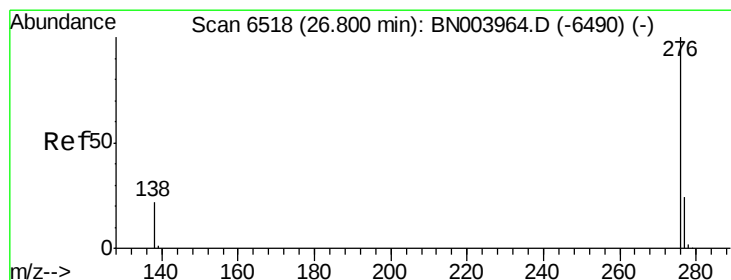
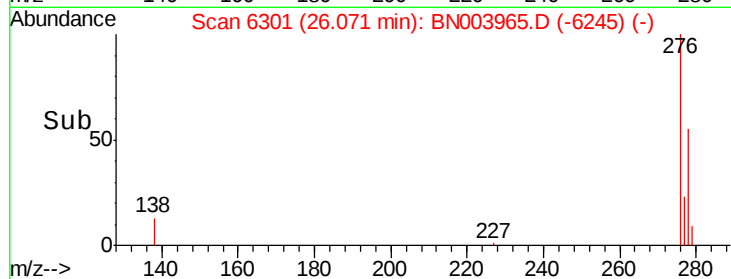
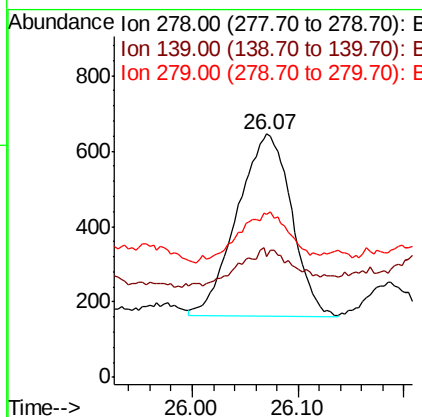
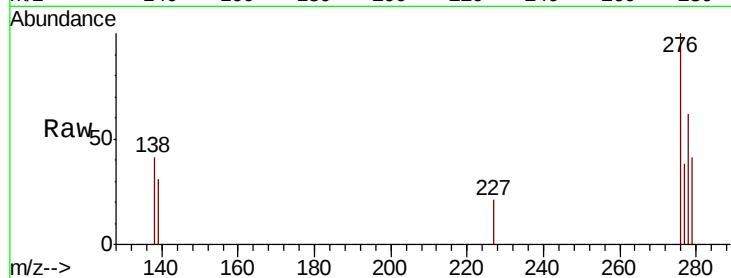
#25
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.07 min Scan# 6301
Delta R.T. -0.01 min
Lab File: BN003965.D
Acq: 15 Dec 2018 19:14

Instrument :
BNA_N
ClientSampled :
F9E69

Tot Ion	Ratio	Lower	Upper
278	100		
139	49.7	14.2	21.4#
279	67.0	19.8	29.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.080 ng/ul
RT: 26.79 min Scan# 6517
Delta R.T. -0.00 min
Lab File: BN003965.D
Acq: 15 Dec 2018 19:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.8	17.7	26.5#
277	31.6	19.3	28.9#

