

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN004019.D
 Acq On : 17 Dec 2018 05:24
 Operator : JU/SJ
 Sample : J6236-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E98

Manual Integrations
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Quant Time: Dec 17 07:54:05 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 : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2130	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10691	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6463	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	16299m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17216m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14999m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3093	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9500m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	722	0.034	ng/ul	99
12) Phenanthrene	17.26	178	11579	0.216	ng/ul	99
15) Fluoranthene	19.27	202	8943m	0.142	ng/ul	
17) Pyrene	19.64	202	13345m	0.216	ng/ul	
18) Benzo(a)anthracene	21.38	228	6669m	0.123	ng/ul	
19) Chrysene	21.44	228	15145	0.243	ng/ul	96
21) Benzo(b)fluoranthene	23.01	252	8508m	0.137	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	2428m	0.040	ng/ul	
23) Benzo(a)pyrene	23.62	252	5659	0.105	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	26.08	276	3962	0.064	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.08	278	1878	0.038	ng/ul#	20
26) Benzo(g,h,i)perylene	26.81	276	5220	0.097	ng/ul#	79

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

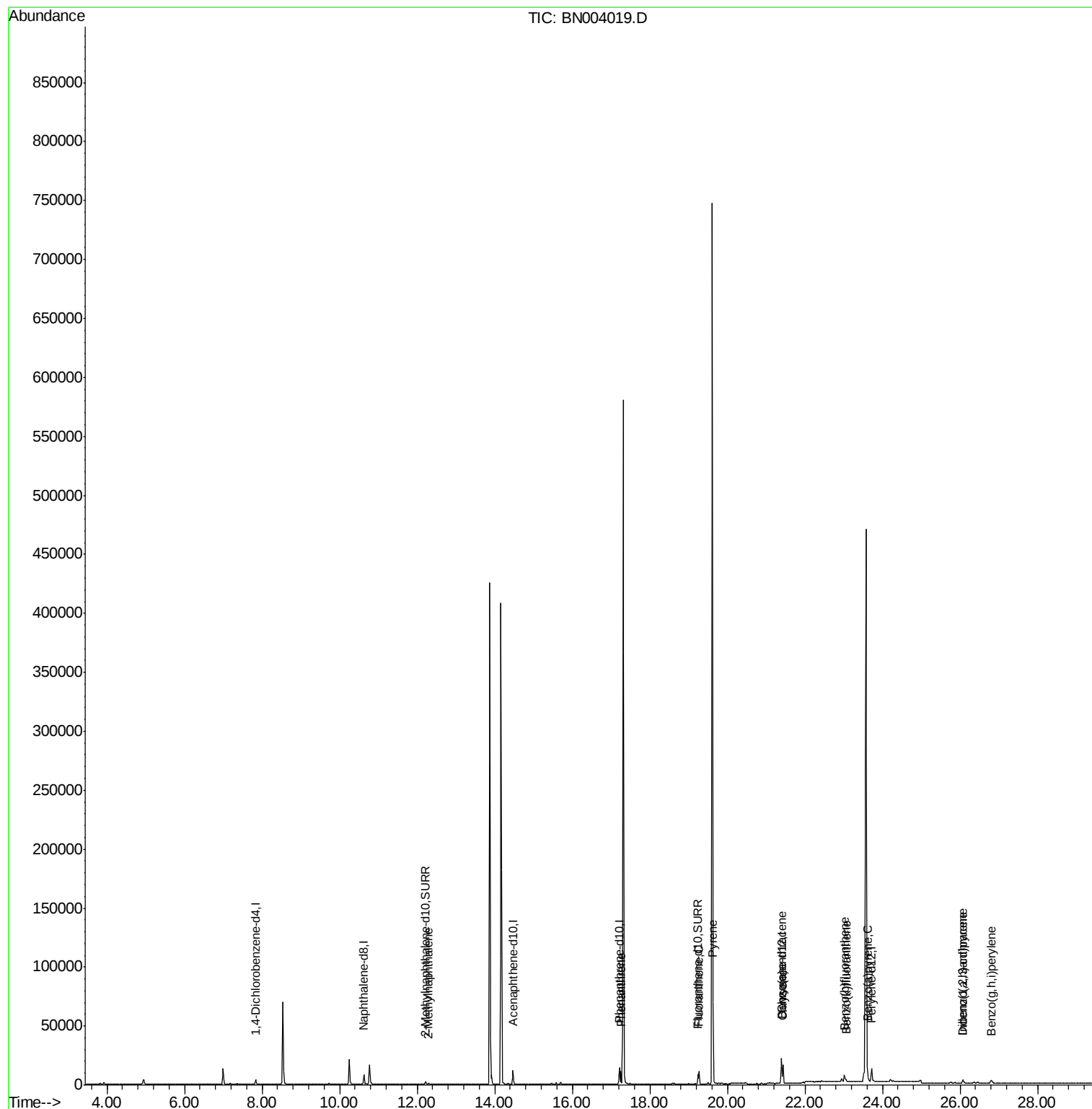
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004019.D
Acq On : 17 Dec 2018 05:24
Operator : JU/SJ
Sample : J6236-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

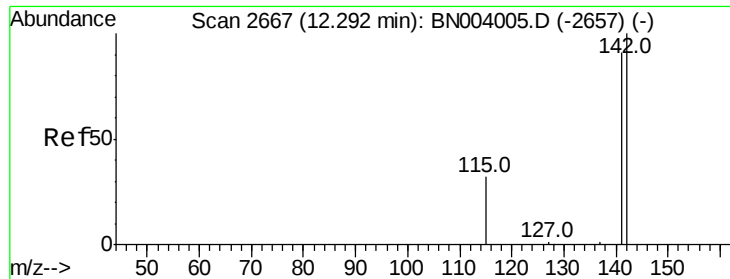
Instrument :
BNA_N
ClientSampleId :
F9E98

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QLast Update : Mon Dec 17 06:22:23 2018
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#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN004019.D

Acq: 17 Dec 2018 05:24

Instrument :

BNA_N

ClientSampleId :

F9E98

Tot Ion:142 Resp: 722

Ion Ratio Lower Upper

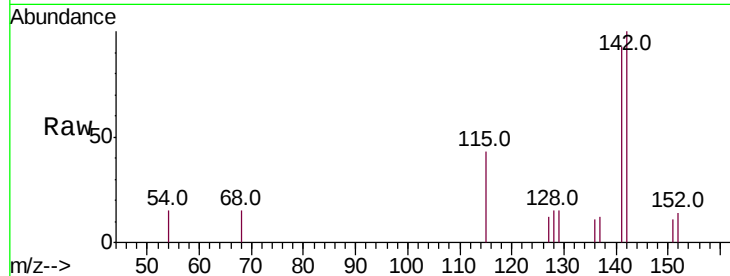
142 100

141 90.6 71.5 107.3

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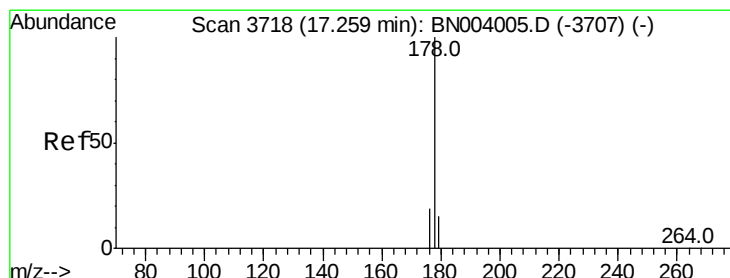
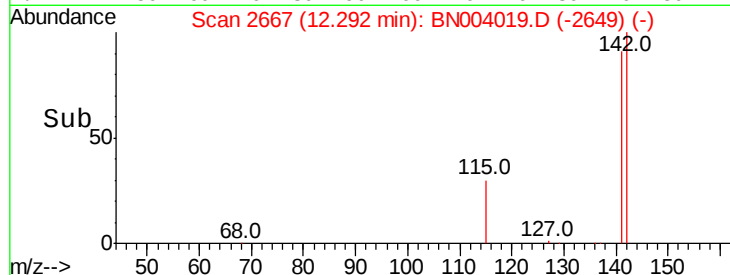
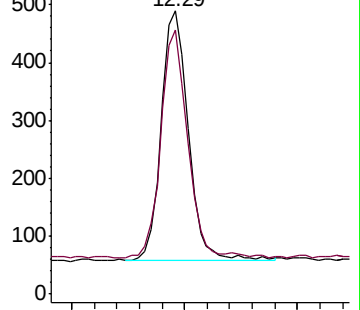
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.216 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004019.D

Acq: 17 Dec 2018 05:24

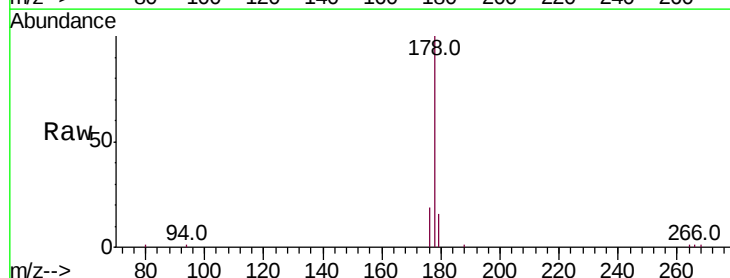
Tgt Ion:178 Resp: 11579

Ion Ratio Lower Upper

178 100

179 16.1 12.5 18.7

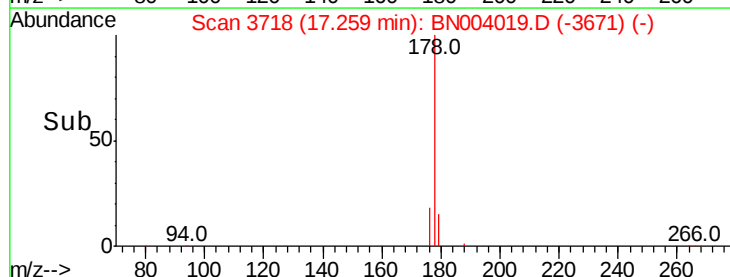
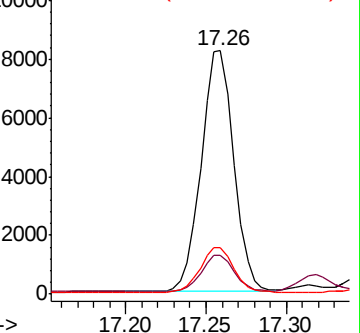
176 19.0 15.0 22.4

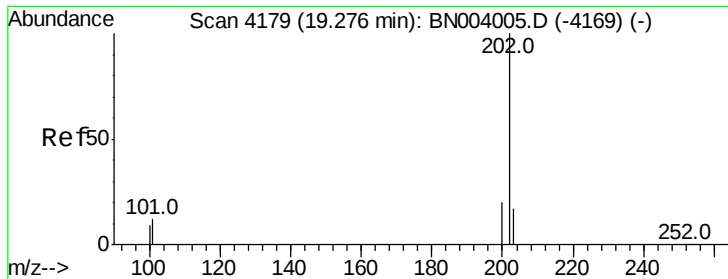


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





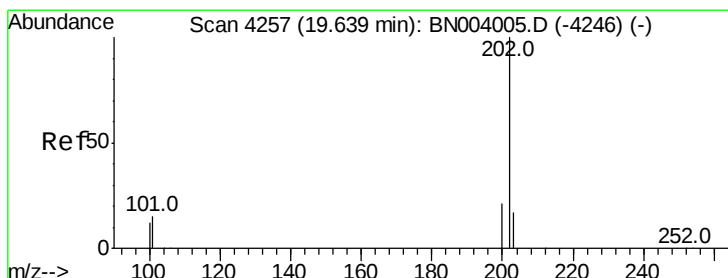
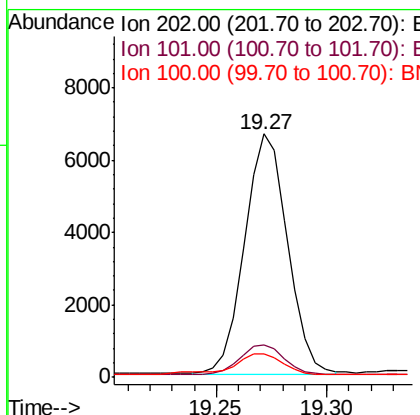
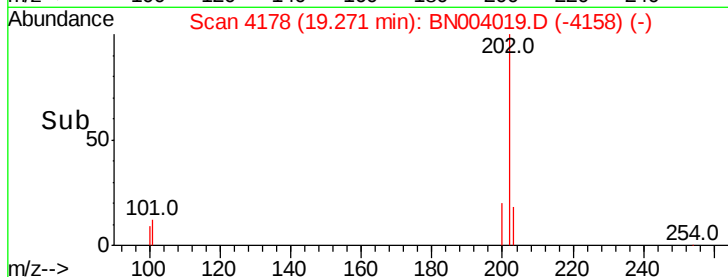
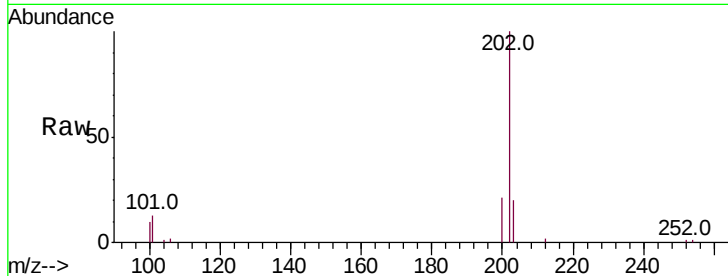
#15
Fluoranthene
Concen: 0.142 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004019.D
Acq: 17 Dec 2018 05:24

Instrument :
BNA_N
ClientSampled :
F9E98

Tot Ion	Ratio	Resp	Lower	Upper
202	100	8943		
101	13.2		0.0	30.7
100	9.8		0.0	28.1

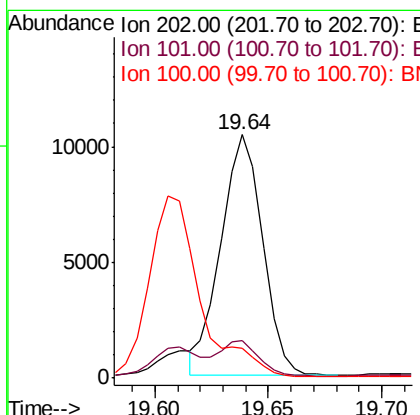
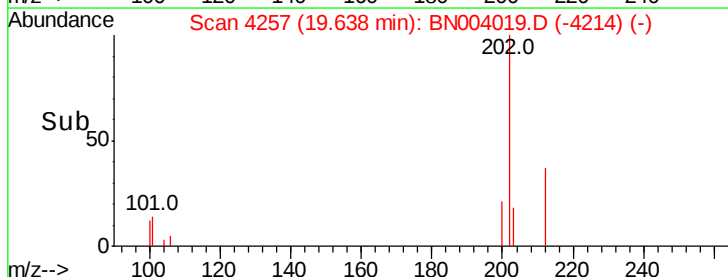
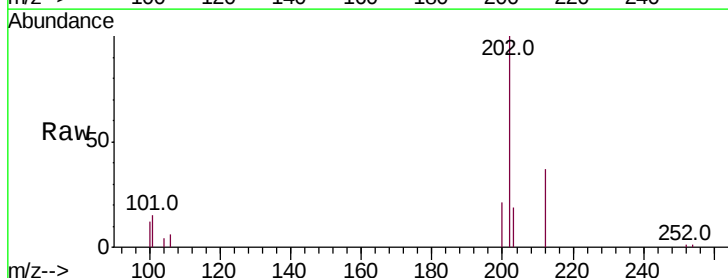
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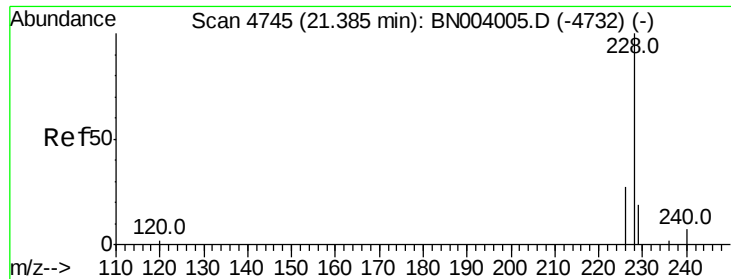
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#17
Pyrene
Concen: 0.216 ng/ul m
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004019.D
Acq: 17 Dec 2018 05:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	13345		
101	15.3		10.3	15.5
100	12.2		8.5	12.7





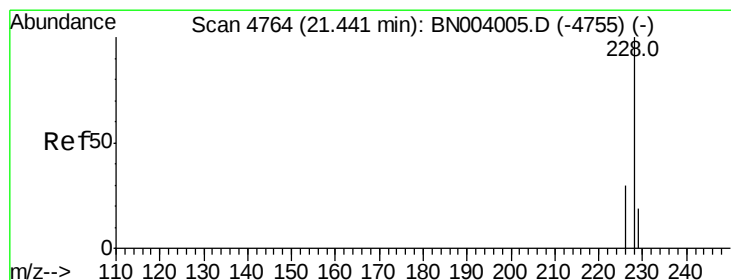
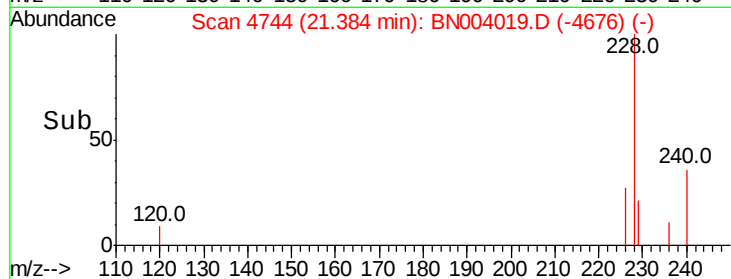
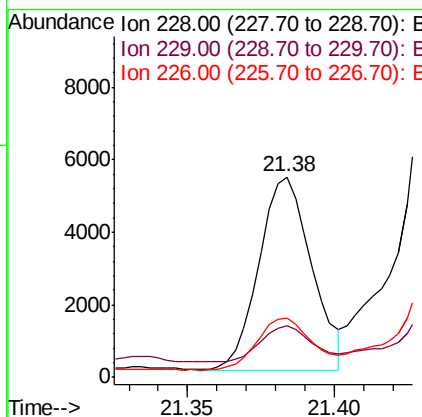
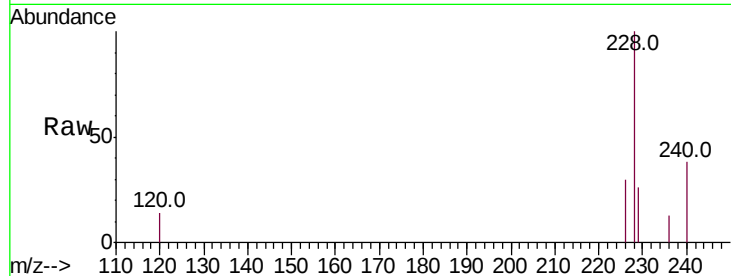
#18
Benzo(a)anthracene
Concen: 0.123 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004019.D
Acq: 17 Dec 2018 05:24

Instrument :
BNA_N
ClientSampleId :
F9E98

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.6	15.6	23.4#
226	29.8	21.1	31.7

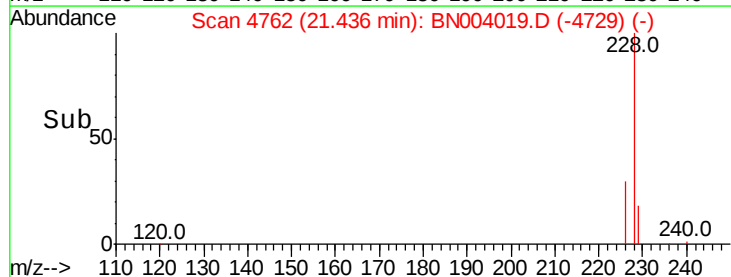
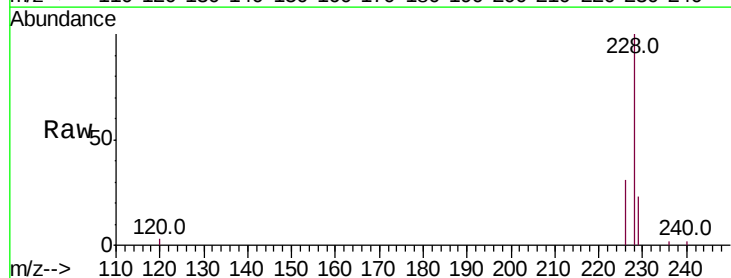
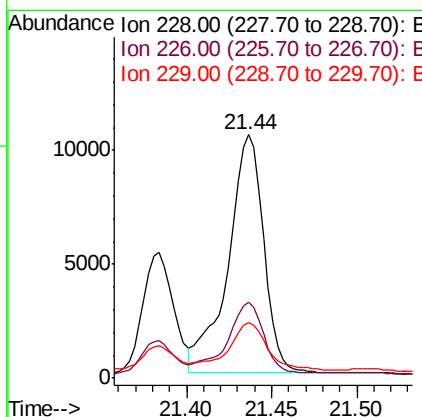
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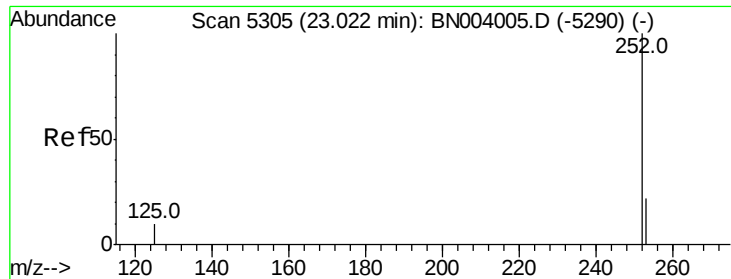
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#19
Chrysene
Concen: 0.243 ng/ul
RT: 21.44 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN004019.D
Acq: 17 Dec 2018 05:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	22.5	15.7	23.5





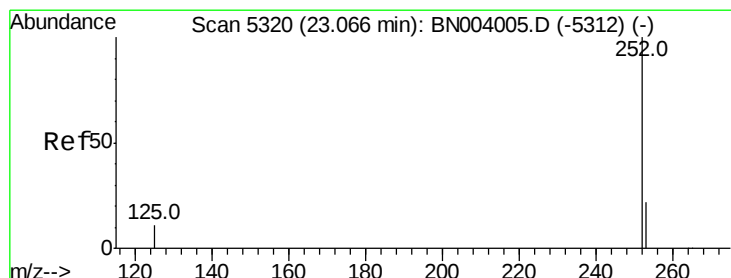
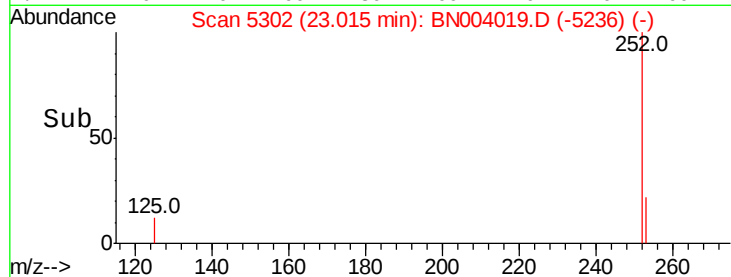
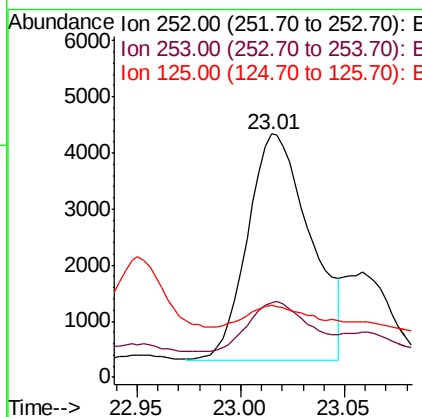
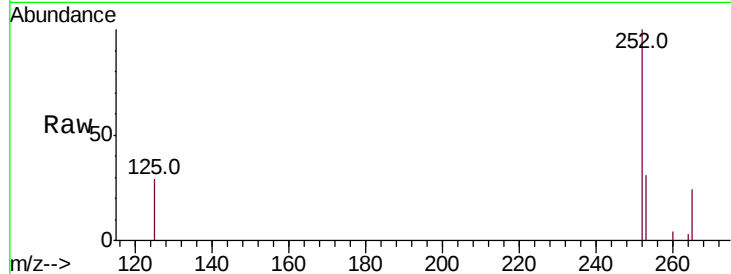
#21
Benzo(b)fluoranthene
Concen: 0.137 ng/ul m
RT: 23.01 min Scan# 5302
Delta R.T. -0.01 min
Lab File: BN004019.D
Acq: 17 Dec 2018 05:24

Instrument :
BNA_N
ClientSampled :
F9E98

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.5	0.0	46.0
125	29.5	0.0	22.4

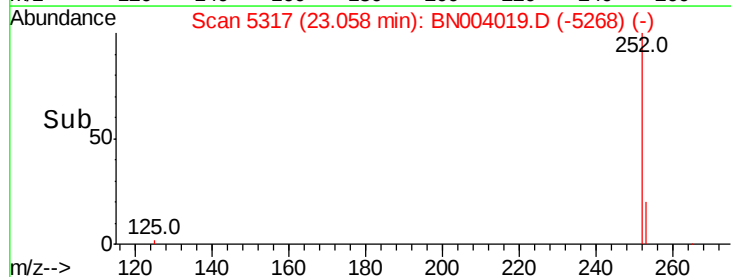
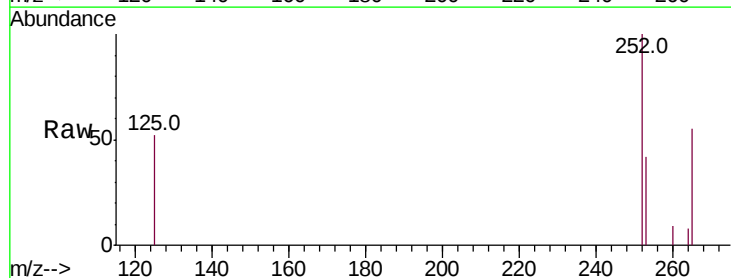
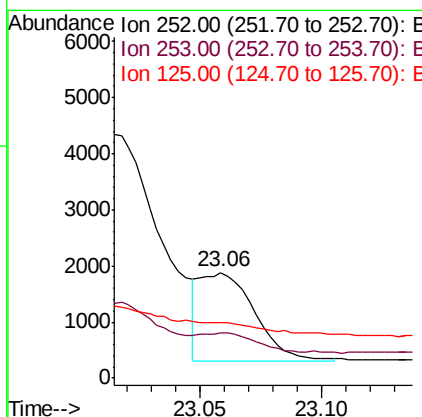
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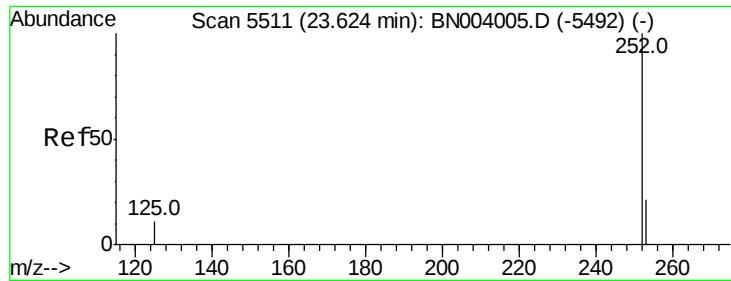
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#22
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.01 min
Lab File: BN004019.D
Acq: 17 Dec 2018 05:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.4	18.5	27.7
125	52.5	9.0	13.6





#23

Benzo(a)pyrene

Concen: 0.105 ng/u1

RT: 23.62 min Scan# 5508

Delta R.T. -0.01 min

Lab File: BN004019.D

Acq: 17 Dec 2018 05:24

Instrument :

BNA_N

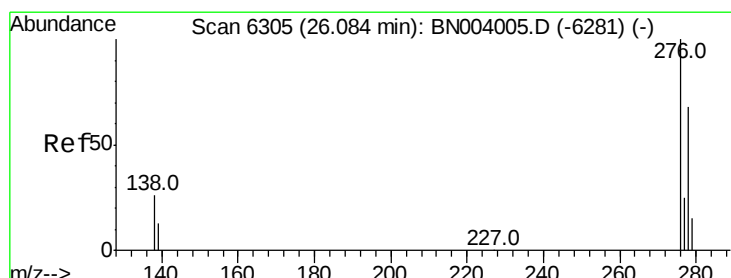
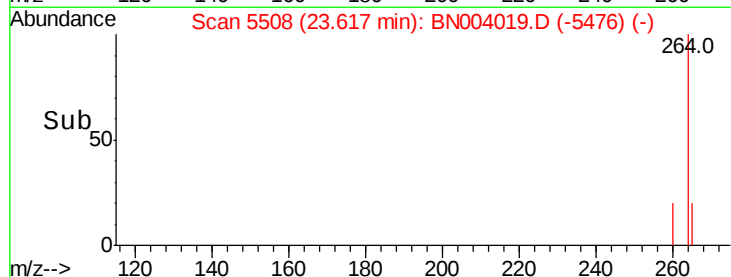
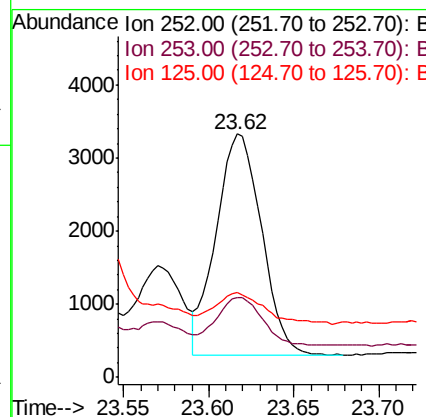
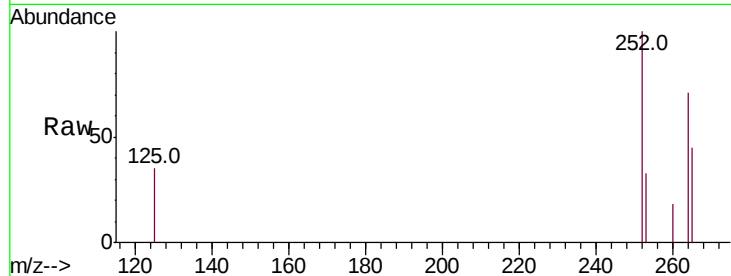
ClientSampleId :

F9E98

Tot Ion:	252	Resp:	5659
Ion Ratio	Lower	Upper	
252	100		
253	32.7	19.0	28.4#
125	34.9	10.2	15.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.064 ng/u1

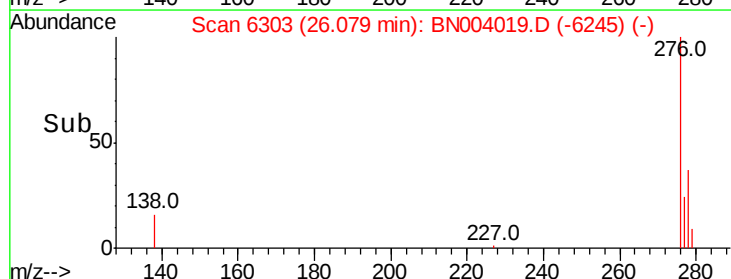
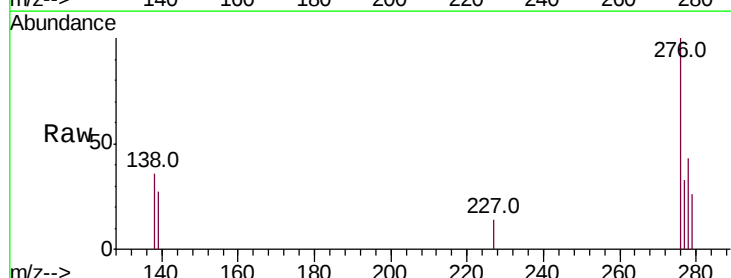
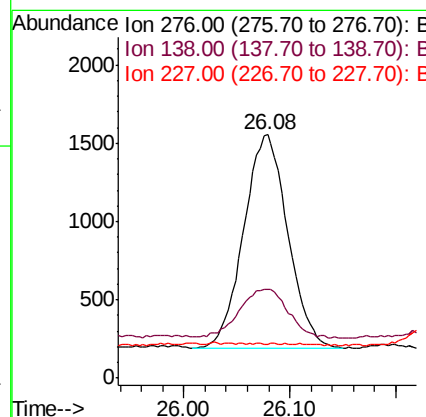
RT: 26.08 min Scan# 6303

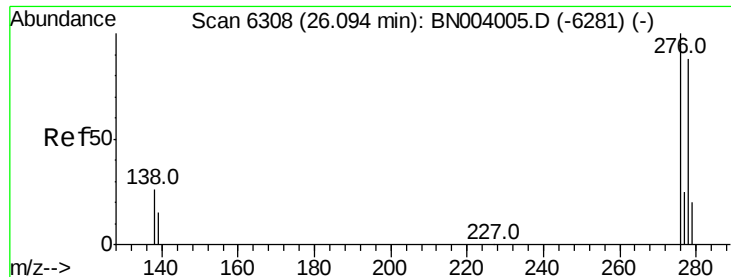
Delta R.T. -0.01 min

Lab File: BN004019.D

Acq: 17 Dec 2018 05:24

Tgt Ion:	276	Resp:	3962
Ion Ratio	Lower	Upper	
276	100		
138	25.7	20.3	30.5
227	0.0	0.2	0.2#





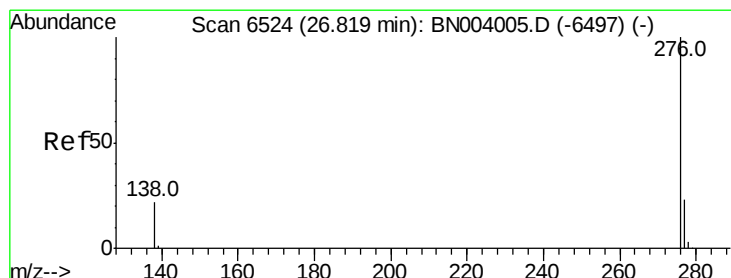
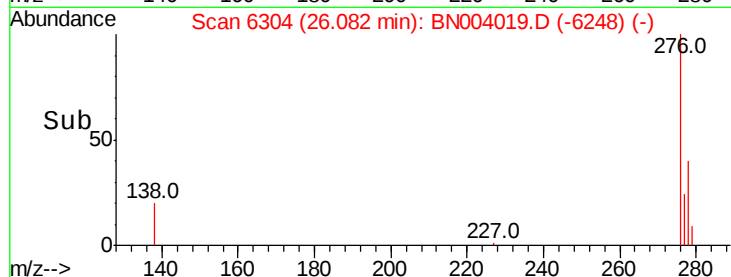
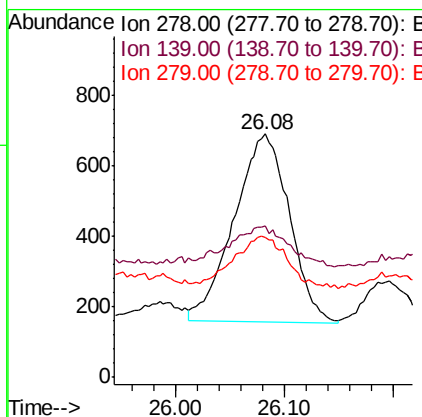
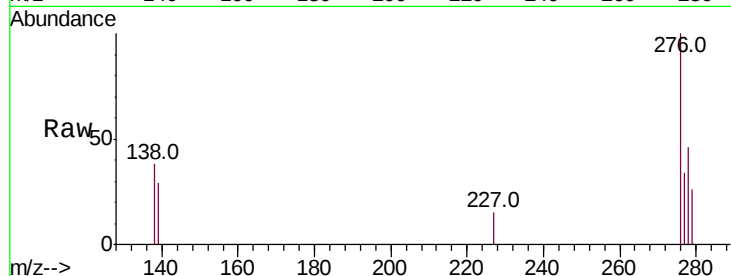
#25
Dibenzo(a,h)anthracene
Concen: 0.038 ng/u1
RT: 26.08 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN004019.D
Acq: 17 Dec 2018 05:24

Instrument :
BNA_N
ClientSampled :
F9E98

Tot Ion	Ratio	Lower	Upper
278	100		
139	62.3	14.2	21.4#
279	57.4	19.8	29.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.097 ng/u1
RT: 26.81 min Scan# 6521
Delta R.T. -0.01 min
Lab File: BN004019.D
Acq: 17 Dec 2018 05:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.7	17.7	26.5#
277	31.8	19.3	28.9#

