

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN004007.D
 Acq On : 16 Dec 2018 22:17
 Operator : JU/SJ
 Sample : J6228-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E84

Manual Integrations
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Quant Time: Dec 17 06:33:41 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	1943	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9652	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6046	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	15351m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17193m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14546m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4156	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	14154m	0.32	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	925	0.049	ng/ul	98
12) Phenanthrene	17.26	178	23391	0.464	ng/ul	99
13) Anthracene	17.35	178	1731m	0.042	ng/ul	
15) Fluoranthene	19.27	202	8833m	0.148	ng/ul	
17) Pyrene	19.64	202	23861m	0.387	ng/ul	
18) Benzo(a)anthracene	21.39	228	12503m	0.230	ng/ul	
19) Chrysene	21.44	228	22661m	0.365	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	8192m	0.136	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	2319m	0.040	ng/ul	
23) Benzo(a)pyrene	23.62	252	7416	0.142	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	26.08	276	3947	0.066	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.08	278	2273	0.047	ng/ul#	1
26) Benzo(g,h,i)perylene	26.81	276	5806	0.112	ng/ul#	74

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

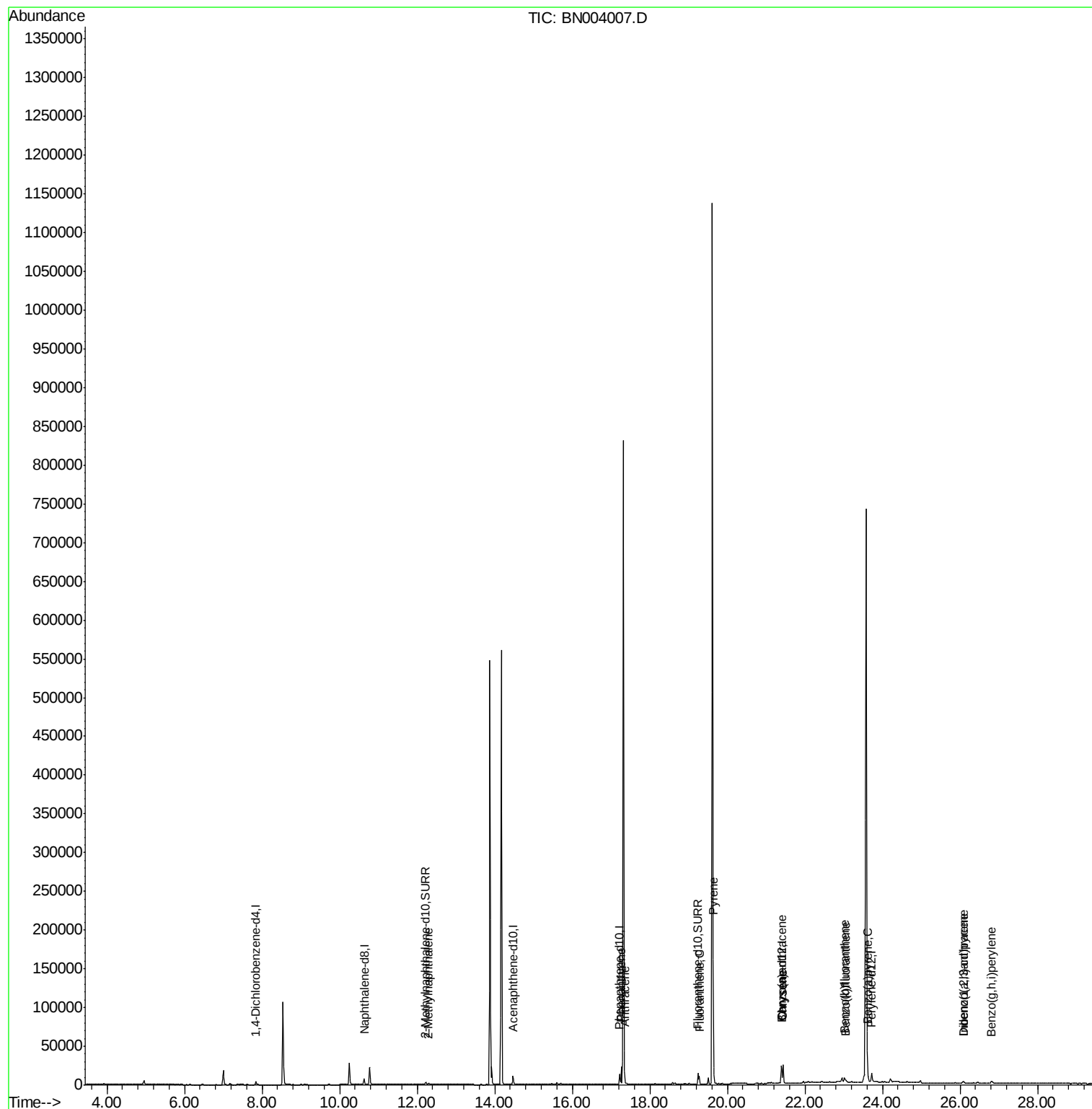
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

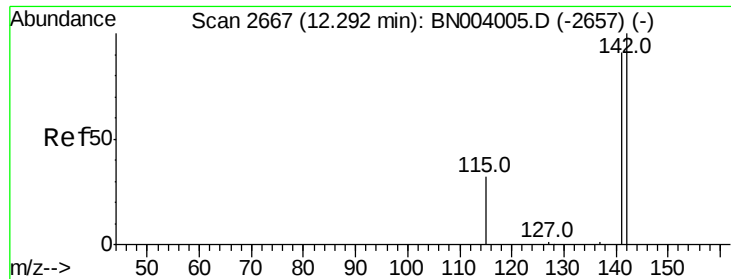
Instrument :
BNA_N
ClientSampleId :
F9E84

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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
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#5

2-Methylnaphthalene

Concen: 0.049 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN004007.D

Acq: 16 Dec 2018 22:17

Instrument :

BNA_N

ClientSampled :

F9E84

Tot Ion:142 Resp: 925

Ion Ratio Lower Upper

142 100

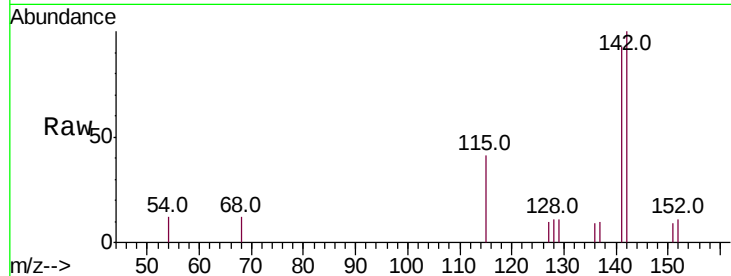
141 87.5 71.5 107.3

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

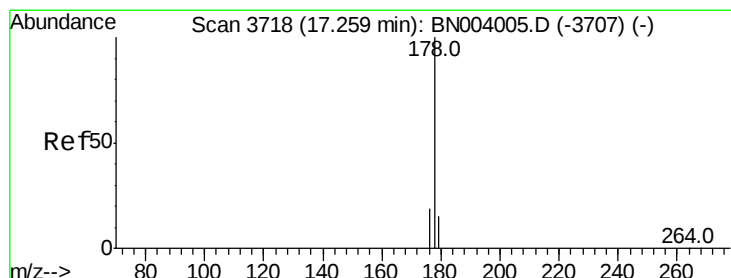
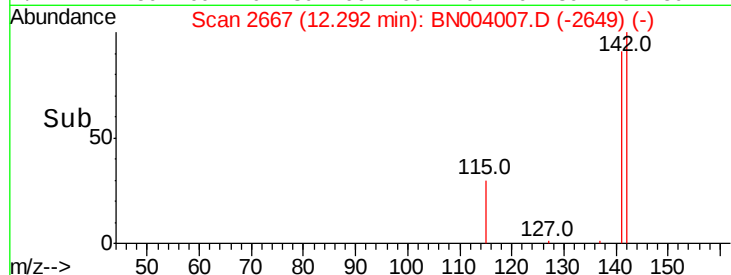
600

400

200

0

Time--> 12.20 12.30 12.40



#12

Phenanthrene

Concen: 0.464 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004007.D

Acq: 16 Dec 2018 22:17

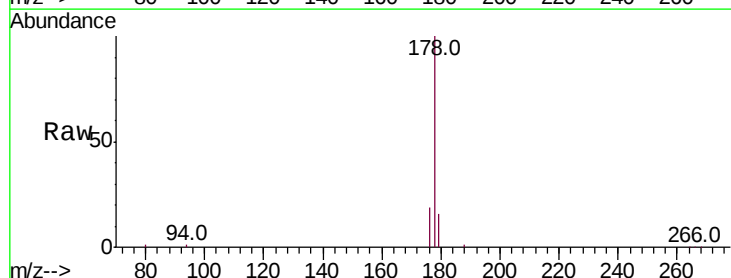
Tgt Ion:178 Resp: 23391

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.4 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

17.26

20000

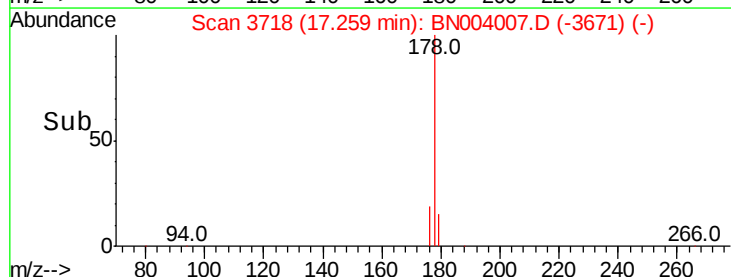
15000

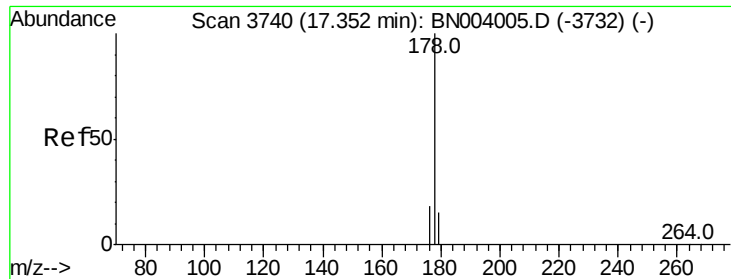
10000

5000

0

Time--> 17.20 17.25 17.30





#13

Anthracene

Concen: 0.042 ng/ul m

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN004007.D

Acq: 16 Dec 2018 22:17

Instrument :

BNA_N

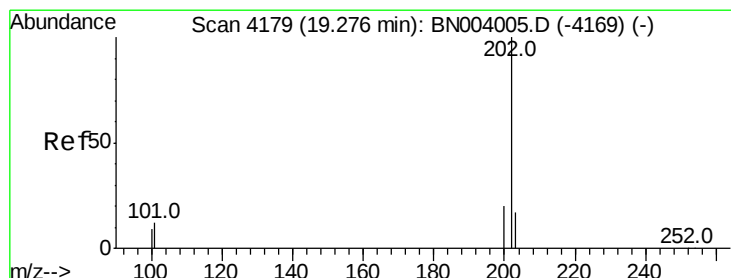
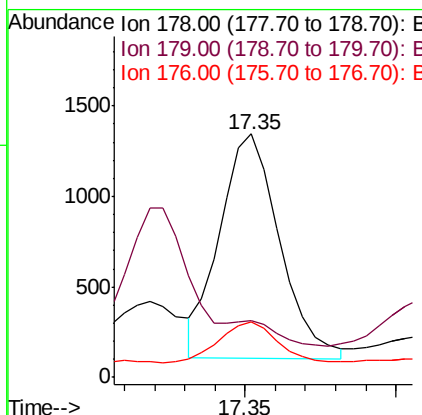
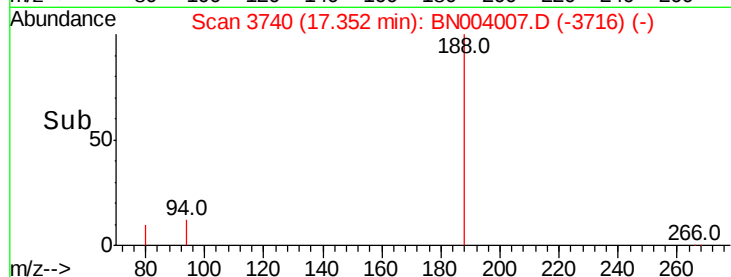
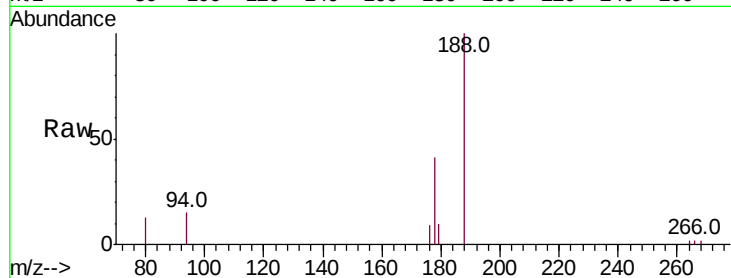
ClientSampleId :

F9E84

Tot Ion:178	Resp:	1731
Ion Ratio	Lower	Upper
178	100	
179	23.3	12.3 18.5#
176	22.6	14.8 22.2#

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#15

Fluoranthene

Concen: 0.148 ng/ul m

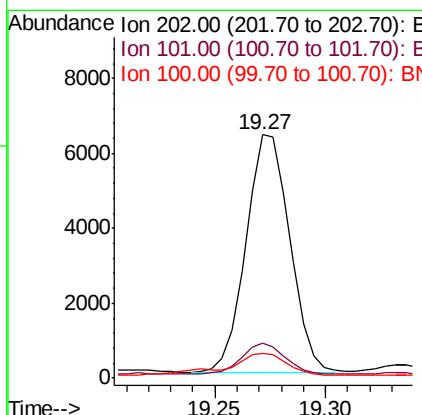
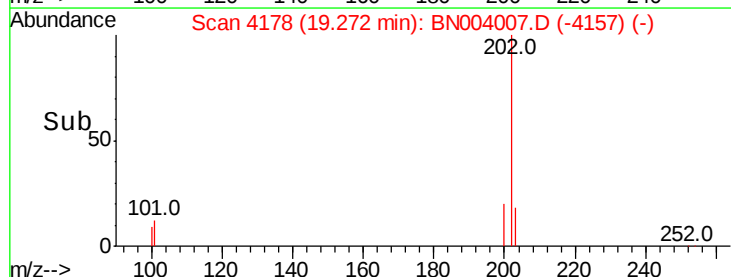
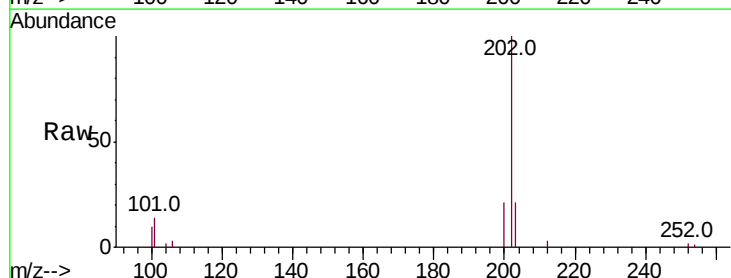
RT: 19.27 min Scan# 4178

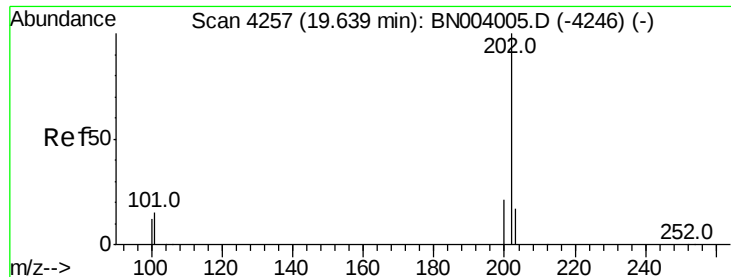
Delta R.T. -0.00 min

Lab File: BN004007.D

Acq: 16 Dec 2018 22:17

Tgt Ion:202	Resp:	8833
Ion Ratio	Lower	Upper
202	100	
101	14.1	0.0 30.7
100	10.3	0.0 28.1





#17

Pvrene

Concen: 0.387 ng/ul m

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004007.D

Acq: 16 Dec 2018 22:17

Instrument :

BNA_N

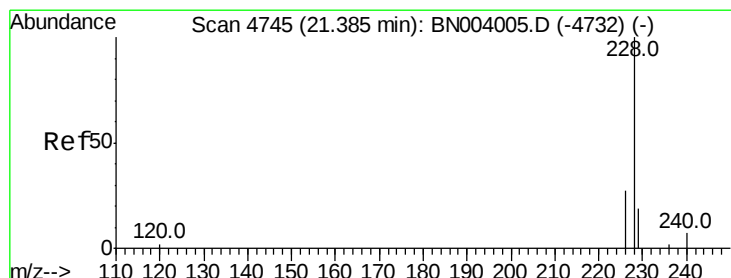
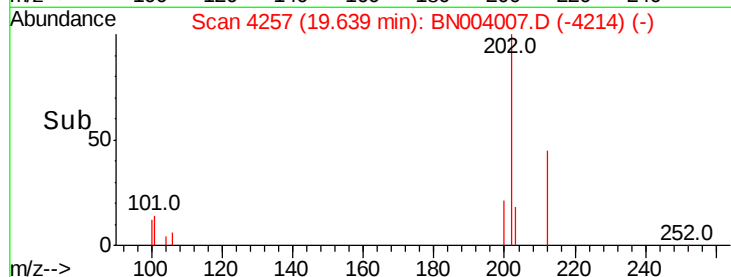
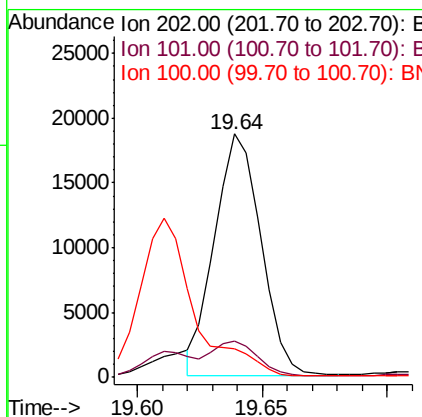
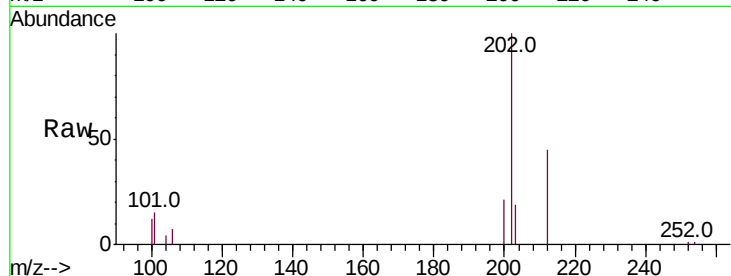
ClientSampled :

F9E84

Tot Ion:	202	Resp:	23861
Ion Ratio	Lower	Upper	
202	100		
101	15.0	10.3	15.5
100	12.0	8.5	12.7

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#18

Benzo(a)anthracene

Concen: 0.230 ng/ul m

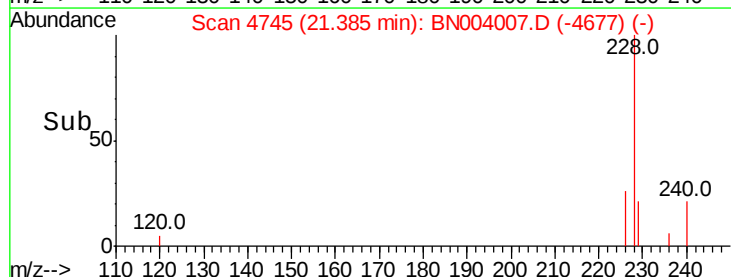
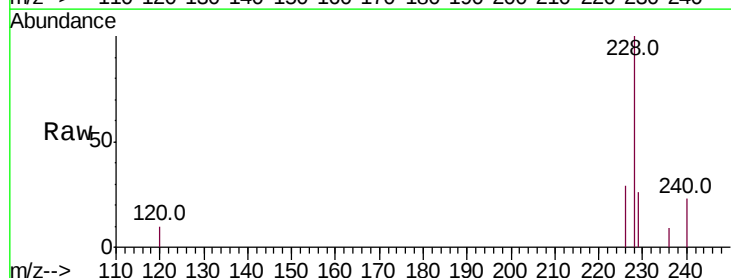
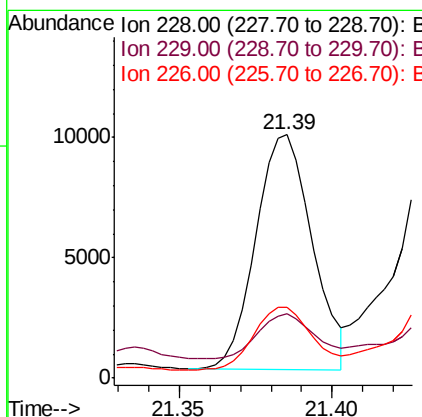
RT: 21.39 min Scan# 4745

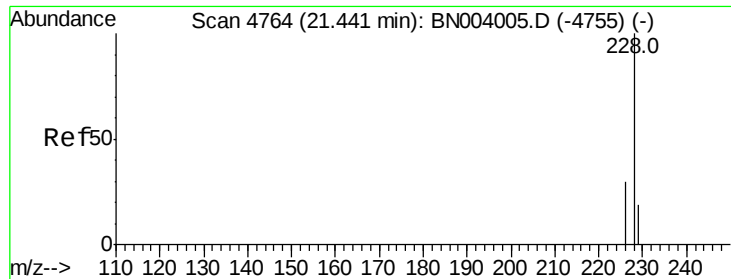
Delta R.T. -0.00 min

Lab File: BN004007.D

Acq: 16 Dec 2018 22:17

Tgt Ion:	228	Resp:	12503
Ion Ratio	Lower	Upper	
228	100		
229	26.2	15.6	23.4#
226	29.1	21.1	31.7





#19

Chrysene

Concen: 0.365 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004007.D

Acq: 16 Dec 2018 22:17

Instrument :

BNA_N

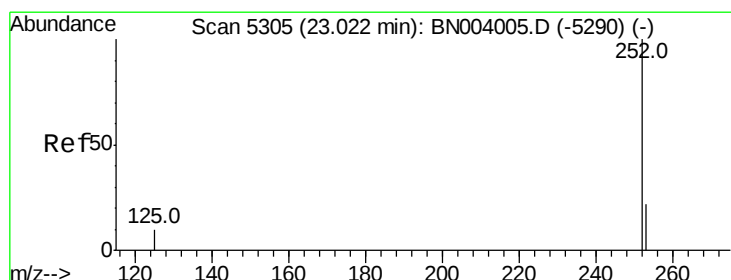
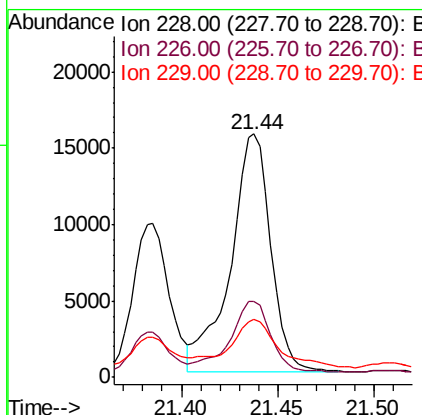
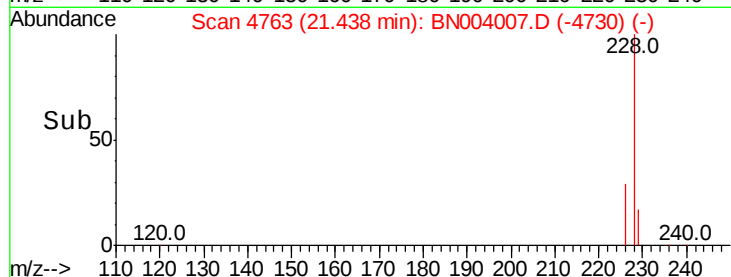
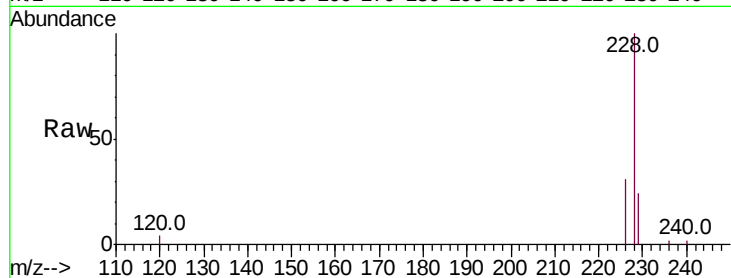
ClientSampled :

F9E84

Tot Ion:228	Resp:	22661
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.0 36.0
229	23.7	15.7 23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.136 ng/ul m

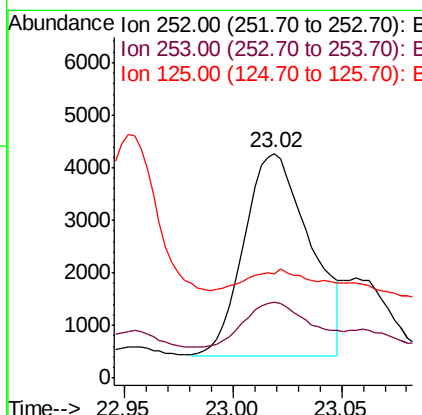
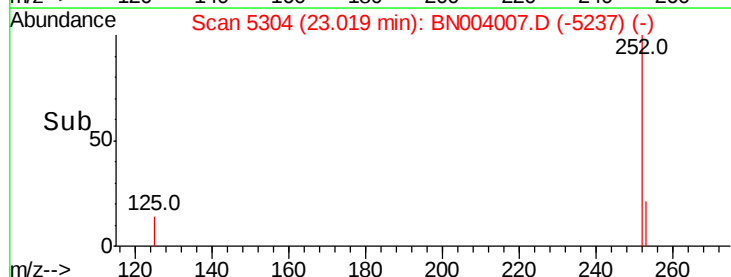
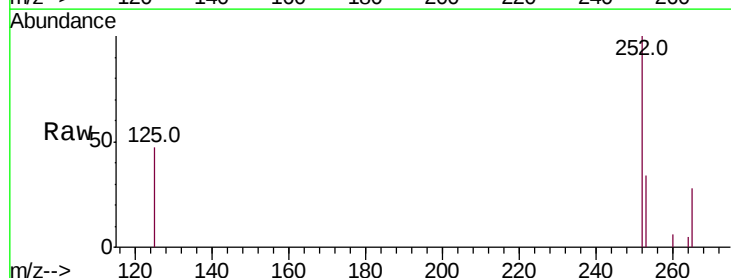
RT: 23.02 min Scan# 5304

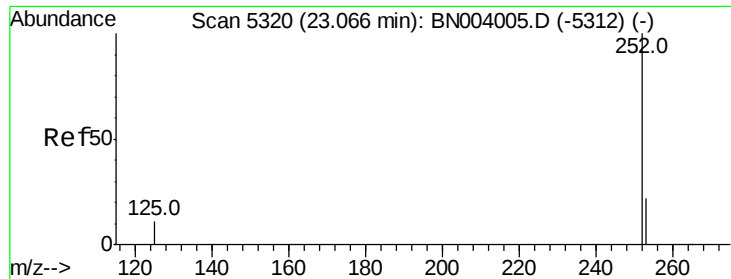
Delta R.T. -0.00 min

Lab File: BN004007.D

Acq: 16 Dec 2018 22:17

Tgt Ion:252	Resp:	8192
Ion Ratio	Lower	Upper
252	100	
253	33.7	0.0 46.0
125	46.5	0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.040 ng/ul m

RT: 23.06 min Scan# 5317

Delta R.T. -0.01 min

Lab File: BN004007.D

Acq: 16 Dec 2018 22:17

Instrument :

BNA_N

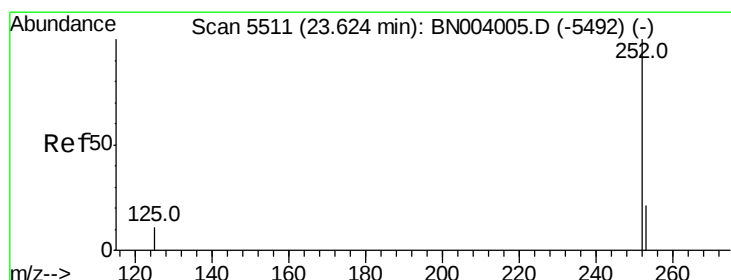
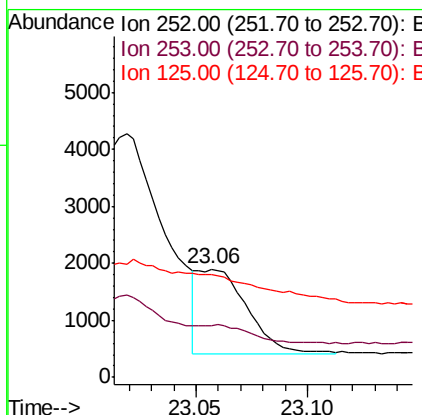
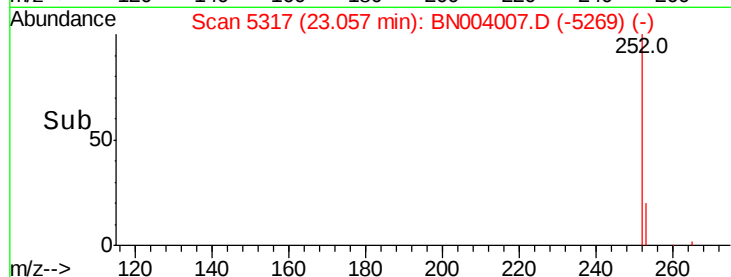
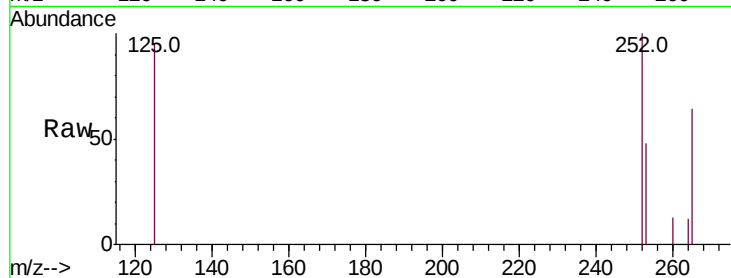
ClientSampled :

F9E84

Tot Ion:	252	Resp:	2319
Ion Ratio	Lower	Upper	
252	100		
253	48.3	18.5	27.7#
125	95.0	9.0	13.6#

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#23

Benzo(a)pyrene

Concen: 0.142 ng/ul

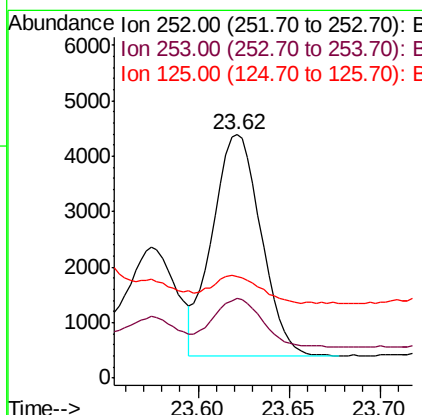
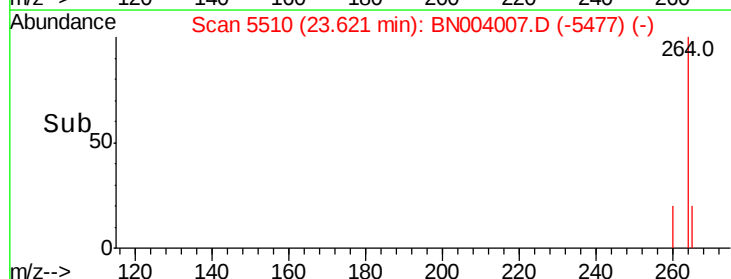
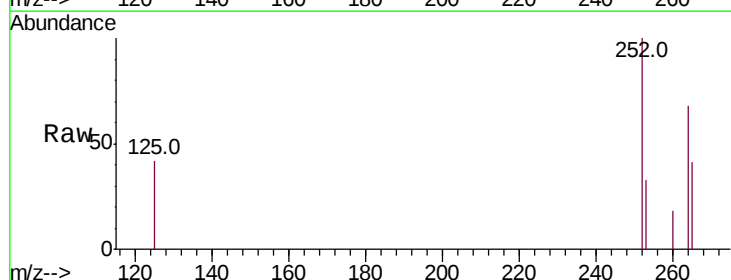
RT: 23.62 min Scan# 5510

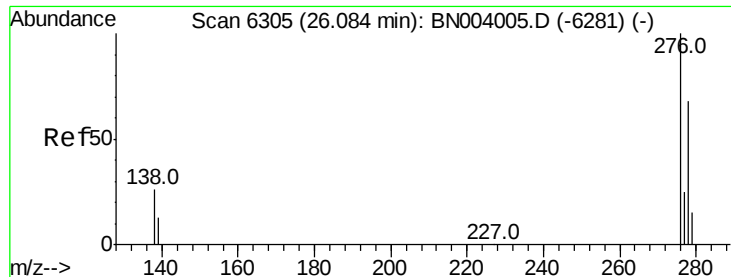
Delta R.T. -0.00 min

Lab File: BN004007.D

Acq: 16 Dec 2018 22:17

Tgt Ion:	252	Resp:	7416
Ion Ratio	Lower	Upper	
252	100		
253	32.9	19.0	28.4#
125	41.7	10.2	15.4#





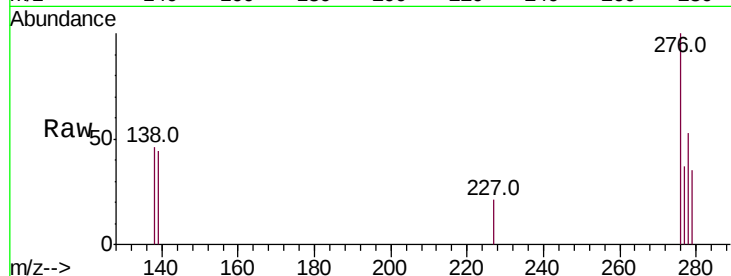
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/uL
RT: 26.08 min Scan# 6304
Delta R.T. -0.00 min
Lab File: BN004007.D
Acq: 16 Dec 2018 22:17

Instrument :
BNA_N
ClientSampleId :
F9E84

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.3	30.5
227	0.3	0.2	0.2#

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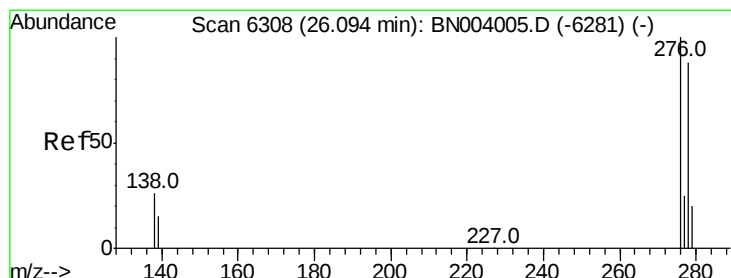
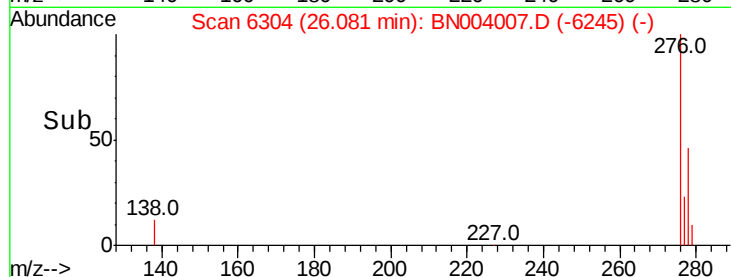
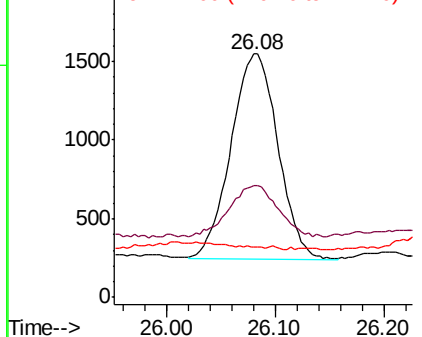


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/uL
RT: 26.08 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004007.D
Acq: 16 Dec 2018 22:17

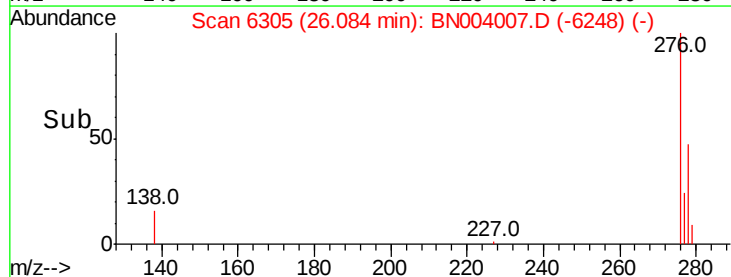
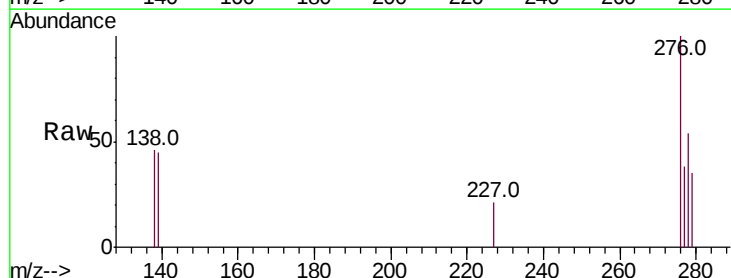
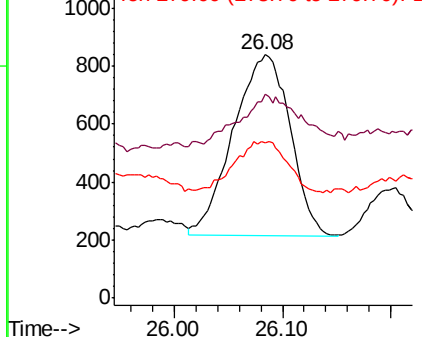
Tgt Ion	Ratio	Lower	Upper
278	100		
139	83.8	14.2	21.4#
279	64.0	19.8	29.6#

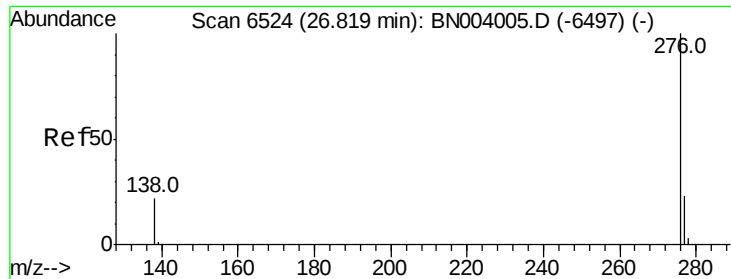
Abundance

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(a,h,i)perylene
Concen: 0.112 ng/ul
RT: 26.81 min Scan# 6522
Delta R.T. -0.01 min
Lab File: BN004007.D
Acq: 16 Dec 2018 22:17

Instrument :
BNA_N
ClientSampleId :
F9E84

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.8	17.7	26.5#
277	33.6	19.3	28.9#

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