

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN003992.D
 Acq On : 16 Dec 2018 13:25
 Operator : JU/SJ
 Sample : J6229-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E97

Manual Integrations
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Sohil
 12/17/2018 4:27:35 PM

Quant Time: Dec 17 04:29:56 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 04:06:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1901	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9158	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5598	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13851m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15695m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	13284m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4952	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	15184m	0.37	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	395	0.022	ng/ul	99
12) Phenanthrene	17.26	178	6721	0.148	ng/ul	97
15) Fluoranthene	19.28	202	2444m	0.046	ng/ul	
17) Pyrene	19.64	202	6438m	0.114	ng/ul	
18) Benzo(a)anthracene	21.39	228	3503m	0.071	ng/ul	
19) Chrysene	21.44	228	11703m	0.206	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	4385m	0.080	ng/ul	
23) Benzo(a)pyrene	23.63	252	2992	0.063	ng/ul#	51
24) Indeno(1,2,3-cd)pyrene	26.09	276	2033	0.037	ng/ul#	97
26) Benzo(g,h,i)perylene	26.82	276	2654	0.056	ng/ul#	61

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

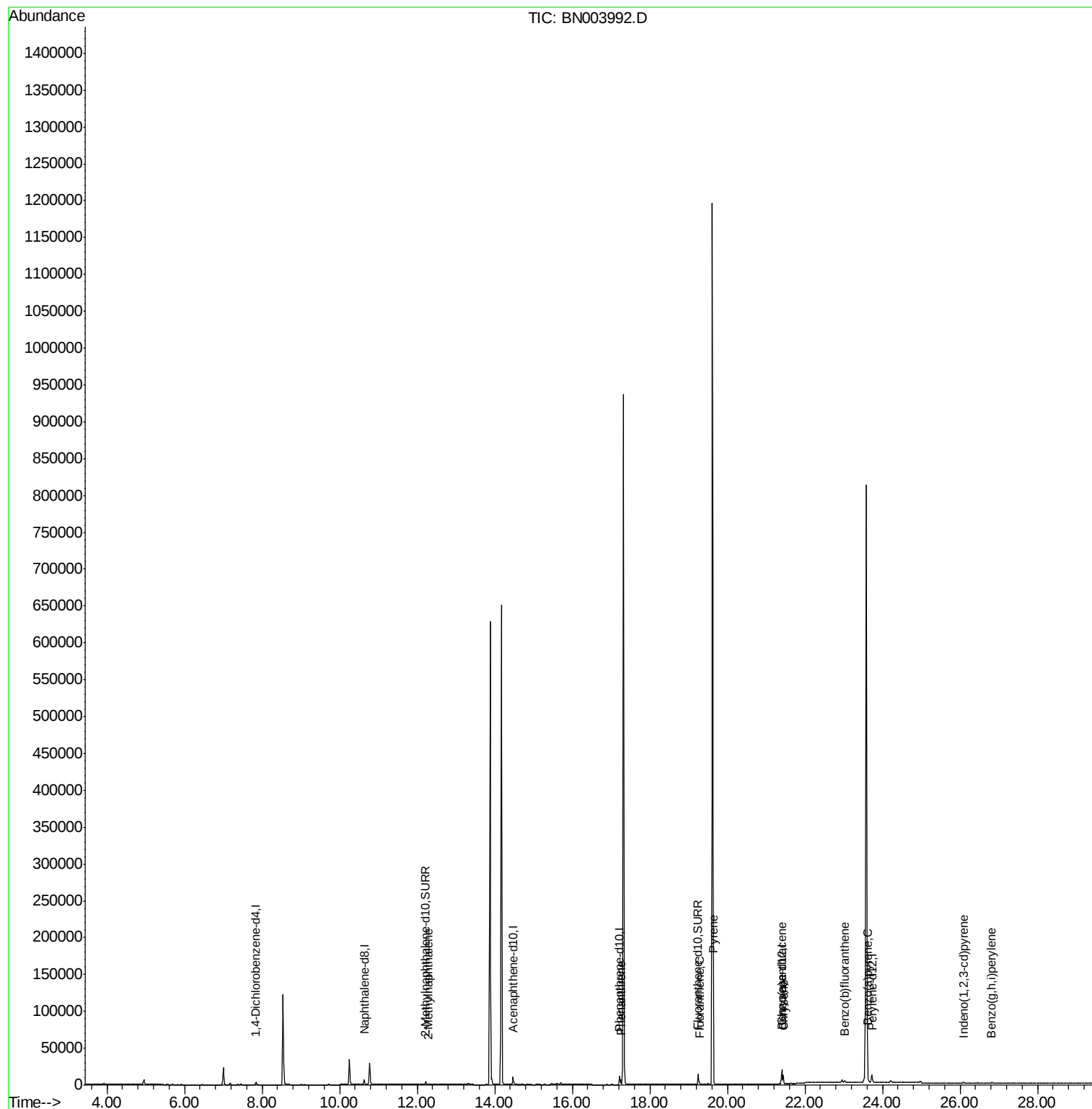
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN003992.D
Acq On : 16 Dec 2018 13:25
Operator : JU/SJ
Sample : J6229-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

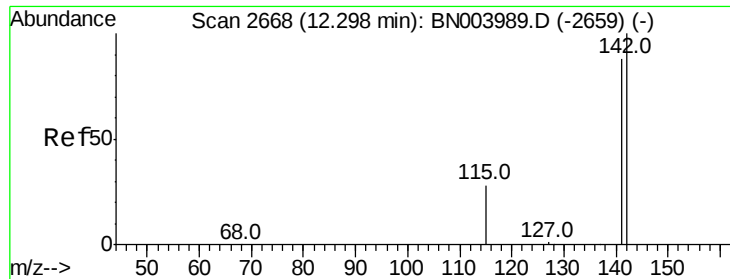
Instrument :
BNA_N
ClientSampleId :
F9E97

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Quant Time: Dec 17 04:29:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN003992.D

Acq: 16 Dec 2018 13:25

Instrument :

BNA_N

ClientSampleId :

F9E97

Tot Ion:142 Resp: 395

Ion Ratio Lower Upper

142 100

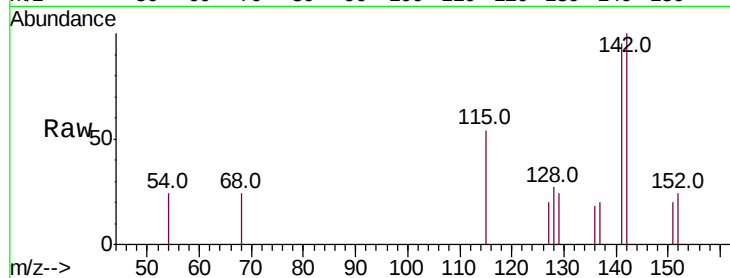
141 88.9 71.5 107.3

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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

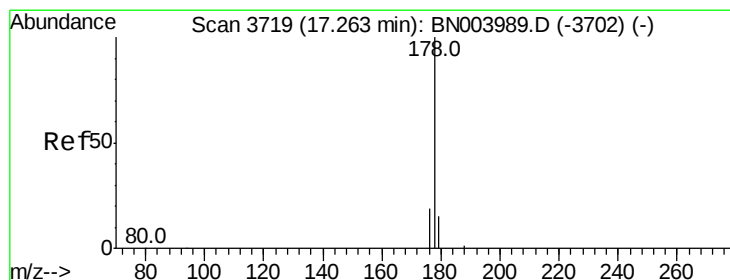
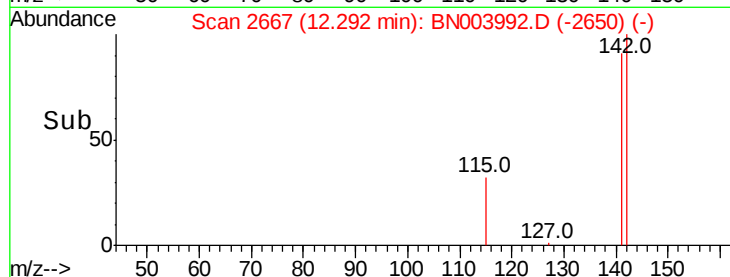
300

200

100

0

Time--> 12.20 12.30 12.40



#12

Phenanthrene

Concen: 0.148 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN003992.D

Acq: 16 Dec 2018 13:25

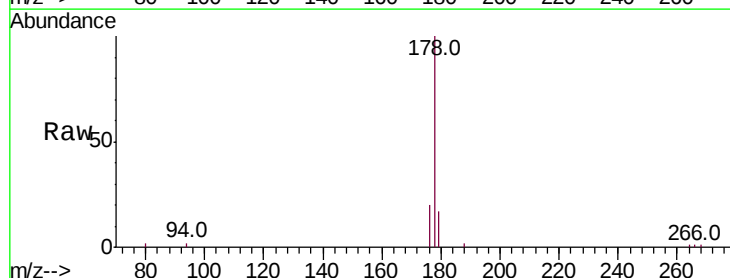
Tgt Ion:178 Resp: 6721

Ion Ratio Lower Upper

178 100

179 16.7 12.5 18.7

176 19.9 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

6000

5000

4000

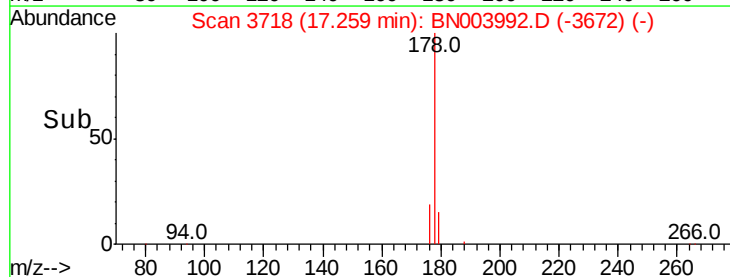
3000

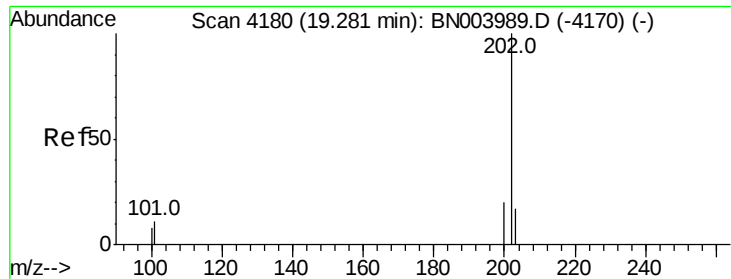
2000

1000

0

Time--> 17.20 17.25 17.30





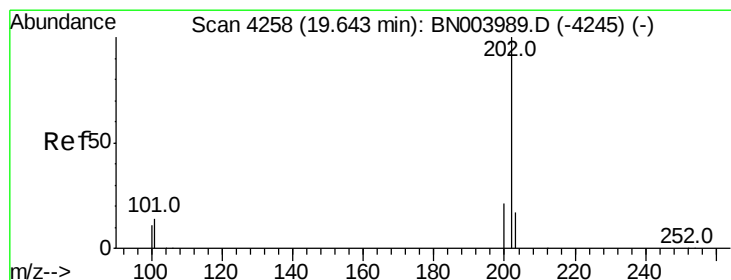
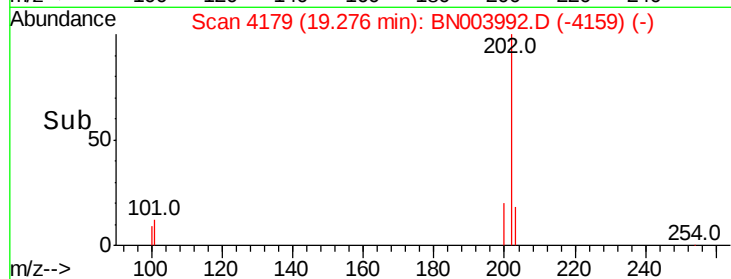
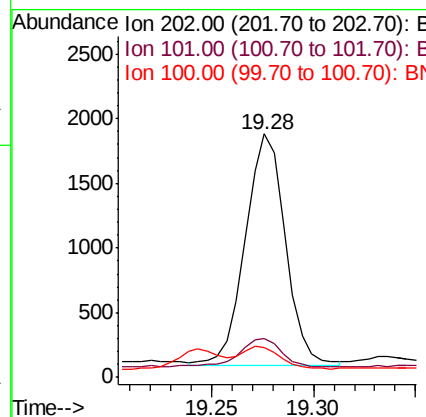
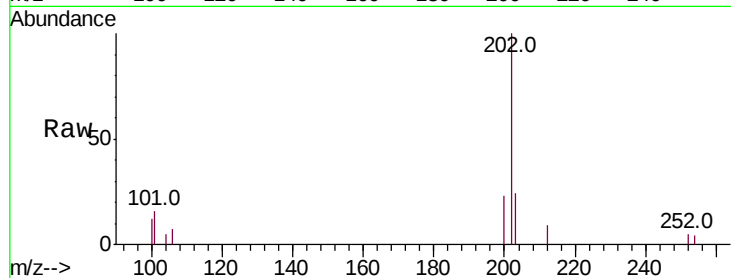
#15
Fluoranthene
Concen: 0.046 ng/ul m
RT: 19.28 min Scan# 4179
Delta R.T. -0.00 min
Lab File: BN003992.D
Acq: 16 Dec 2018 13:25

Instrument :
BNA_N
ClientSampleId :
F9E97

Tot Ion:	202	Resp:	2444
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	30.7
100	12.4	0.0	28.1

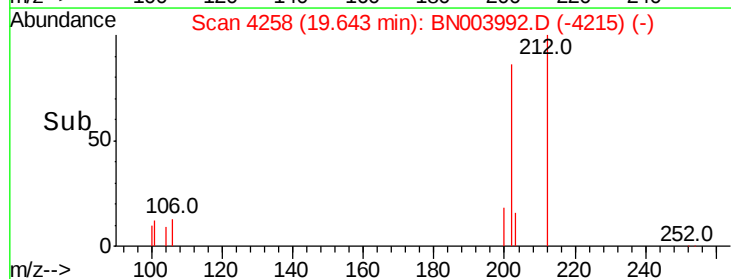
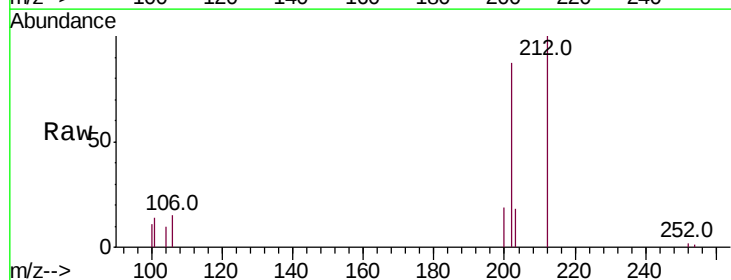
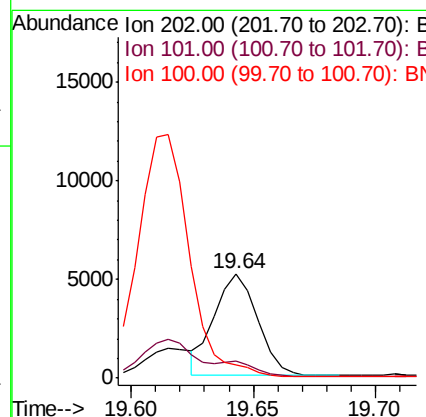
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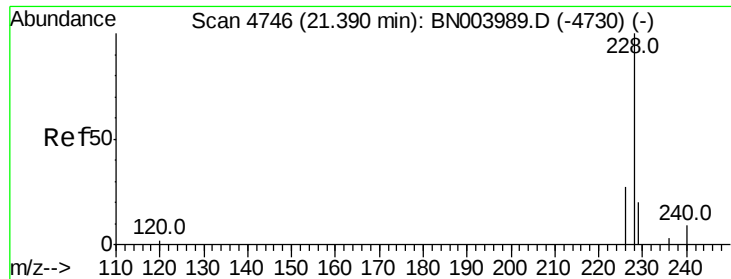
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#17
Pyrene
Concen: 0.114 ng/ul m
RT: 19.64 min Scan# 4258
Delta R.T. -0.00 min
Lab File: BN003992.D
Acq: 16 Dec 2018 13:25

Tgt Ion:	202	Resp:	6438
Ion Ratio	Lower	Upper	
202	100		
101	15.8	10.3	15.5#
100	12.6	8.5	12.7





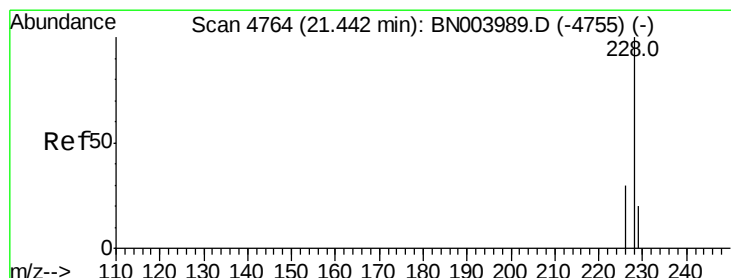
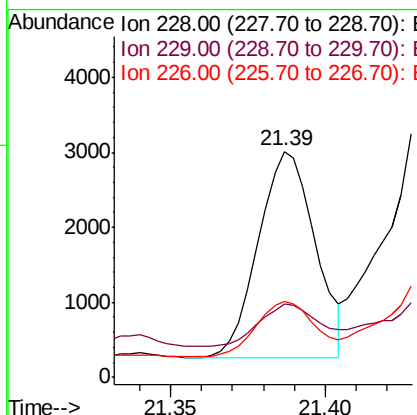
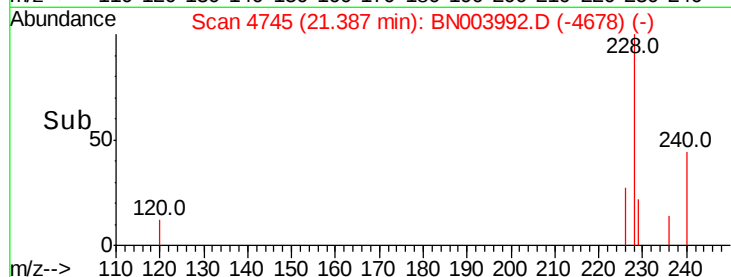
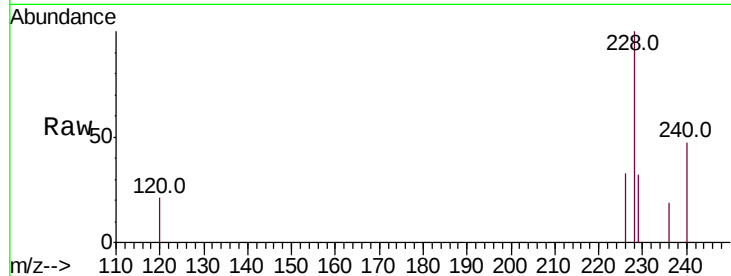
#18
Benzo(a)anthracene
Concen: 0.071 ng/ul m
RT: 21.39 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN003992.D
Acq: 16 Dec 2018 13:25

Instrument :
BNA_N
ClientSampleId :
F9E97

Tot Ion:228 Resp: 3503
Ion Ratio Lower Upper
228 100
229 32.5 15.6 23.4#
226 33.4 21.1 31.7#

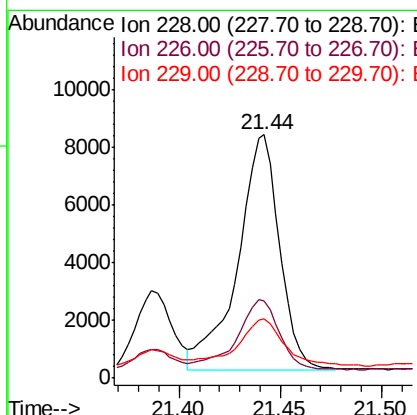
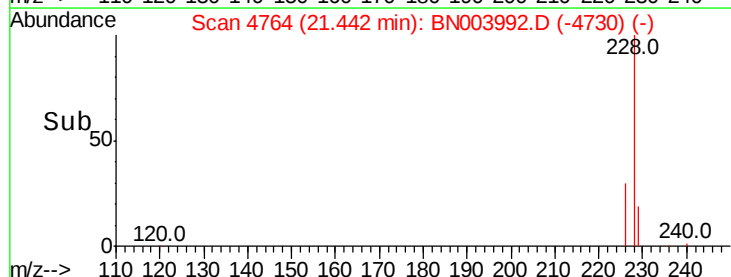
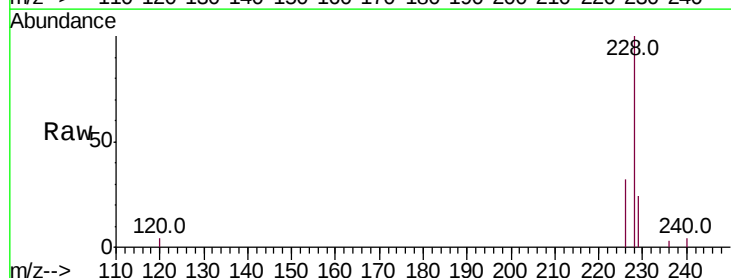
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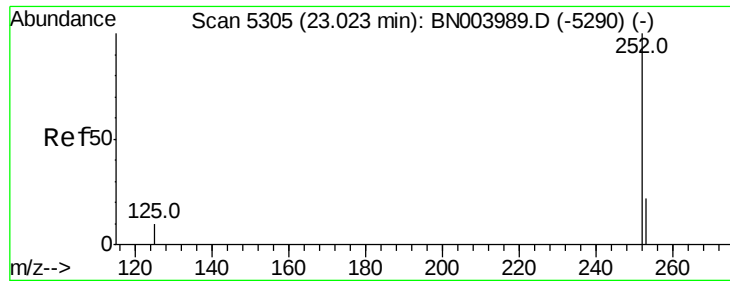
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#19
Chrysene
Concen: 0.206 ng/ul m
RT: 21.44 min Scan# 4764
Delta R.T. -0.00 min
Lab File: BN003992.D
Acq: 16 Dec 2018 13:25

Tgt Ion:228 Resp: 11703
Ion Ratio Lower Upper
228 100
226 31.9 24.0 36.0
229 24.4 15.7 23.5#





#21

Benzo(b)fluoranthene

Concen: 0.080 ng/ul m

RT: 23.02 min Scan# 5305

Delta R.T. -0.00 min

Lab File: BN003992.D

Acq: 16 Dec 2018 13:25

Instrument :

BNA_N

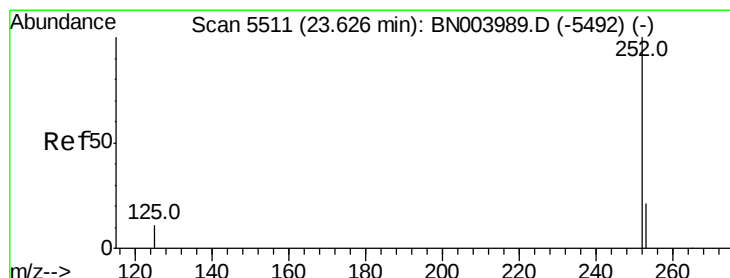
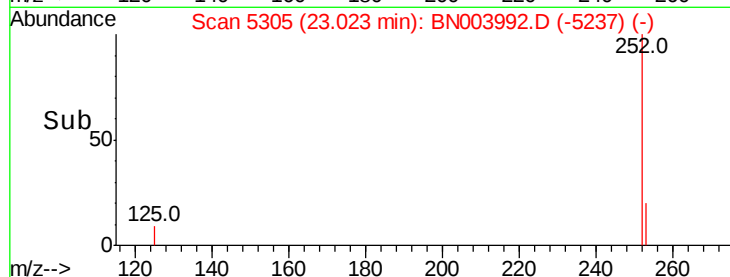
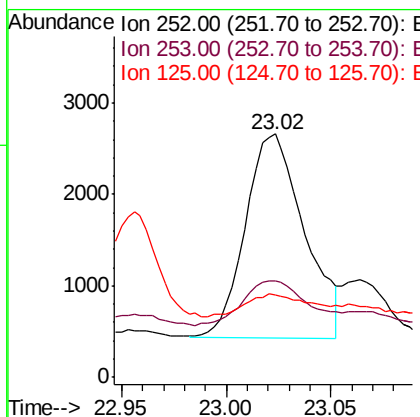
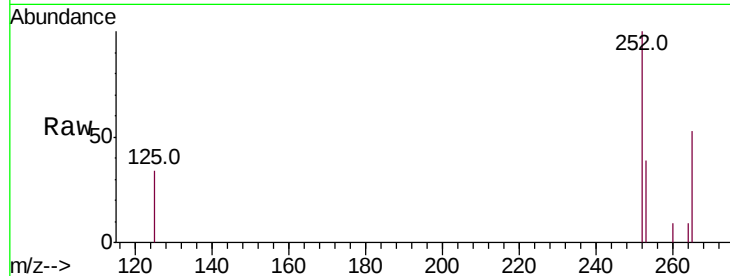
ClientSampleId :

F9E97

Tot Ion:	252	Resp:	4385
Ion Ratio	Lower	Upper	
252	100		
253	39.4	0.0	46.0
125	33.6	0.0	22.4#

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#23

Benzo(a)pyrene

Concen: 0.063 ng/ul

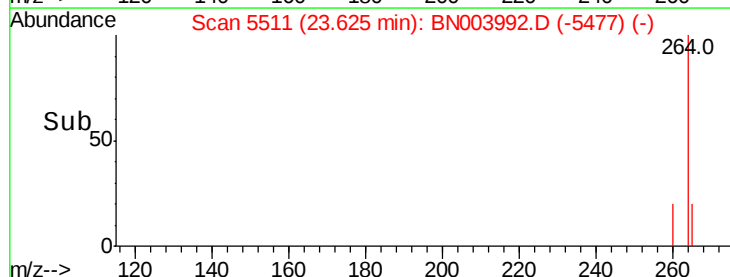
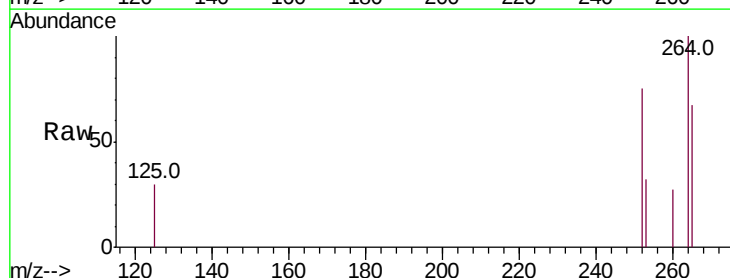
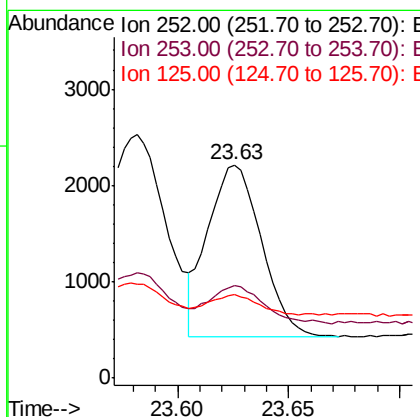
RT: 23.63 min Scan# 5511

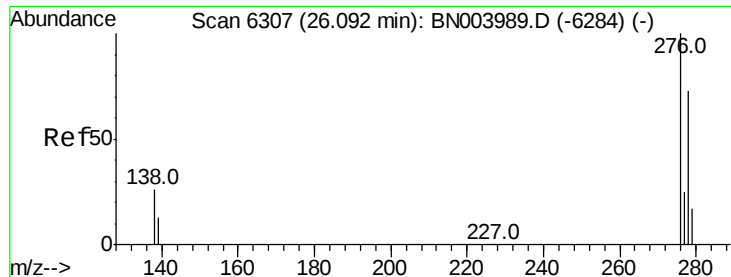
Delta R.T. -0.00 min

Lab File: BN003992.D

Acq: 16 Dec 2018 13:25

Tgt Ion:	252	Resp:	2992
Ion Ratio	Lower	Upper	
252	100		
253	43.2	19.0	28.4#
125	39.4	10.2	15.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.037 ng/ul

RT: 26.09 min Scan# 6305

Delta R.T. -0.01 min

Lab File: BN003992.D

Acq: 16 Dec 2018 13:25

Instrument :

BNA_N

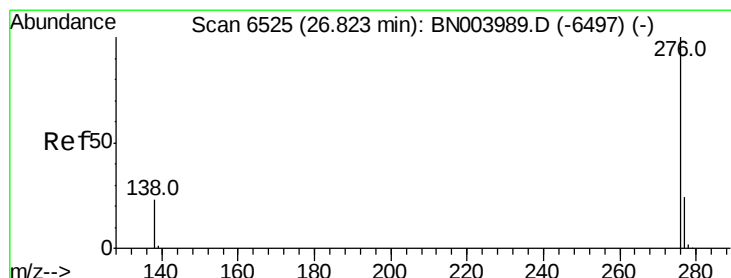
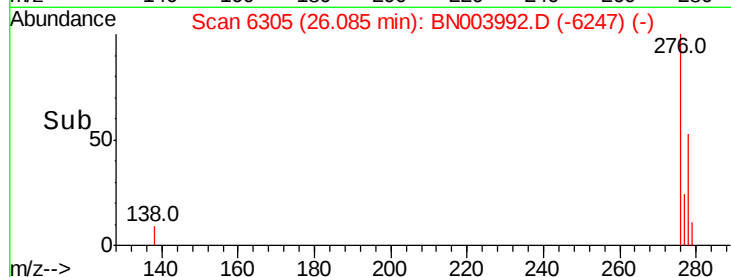
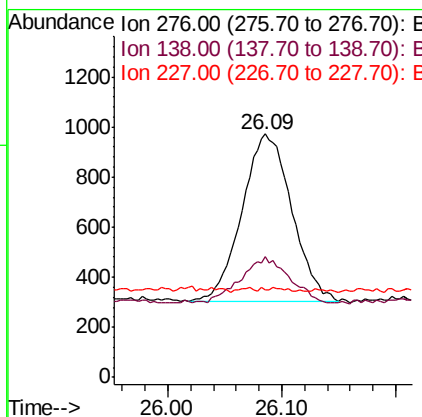
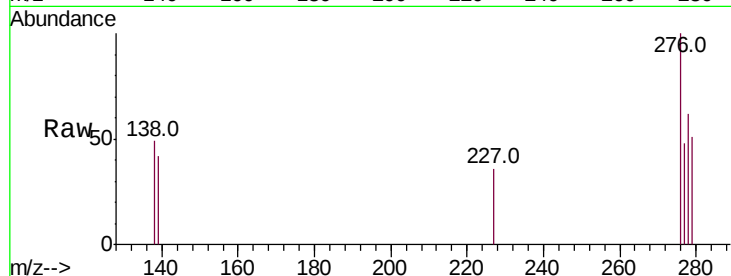
ClientSampleId :

F9E97

Tot Ion:	276	Resp:	2033
Ion Ratio	Lower	Upper	
276	100		
138	26.9	20.3	30.5
227	0.3	0.2	0.2#

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#26

Benzo(g,h,i)perylene

Concen: 0.056 ng/ul

RT: 26.82 min Scan# 6523

Delta R.T. -0.01 min

Lab File: BN003992.D

Acq: 16 Dec 2018 13:25

Tgt Ion:	276	Resp:	2654
Ion Ratio	Lower	Upper	
276	100		
138	40.2	17.7	26.5#
277	43.8	19.3	28.9#

