

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
 Data File : BN004089.D
 Acq On : 18 Dec 2018 22:34
 Operator : JU/SJ
 Sample : J6271-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F12

Manual Integrations
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Quant Time: Dec 19 04:28:04 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 : Wed Dec 19 04:08:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1645	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7952	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5096	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12860m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13448m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12437m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3112	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	10165m	0.27	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	9370	0.419	ng/ul	96
5) 2-Methylnaphthalene	12.29	142	17584	1.127	ng/ul	100
8) Acenaphthene	14.53	153	1488	0.074	ng/ul#	87
9) Fluorene	15.52	166	2215	0.094	ng/ul#	89
12) Phenanthrene	17.26	178	117765	2.790	ng/ul	100
13) Anthracene	17.35	178	9389m	0.271	ng/ul	
15) Fluoranthene	19.27	202	21446m	0.430	ng/ul	
17) Pyrene	19.64	202	114604	2.376	ng/ul	95
18) Benzo(a)anthracene	21.39	228	37049m	0.872	ng/ul	
19) Chrysene	21.44	228	73572m	1.514	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	19516m	0.379	ng/ul	
23) Benzo(a)pyrene	23.62	252	23723m	0.532	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	11199m	0.219	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	8020m	0.195	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	24812m	0.559	ng/ul	

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

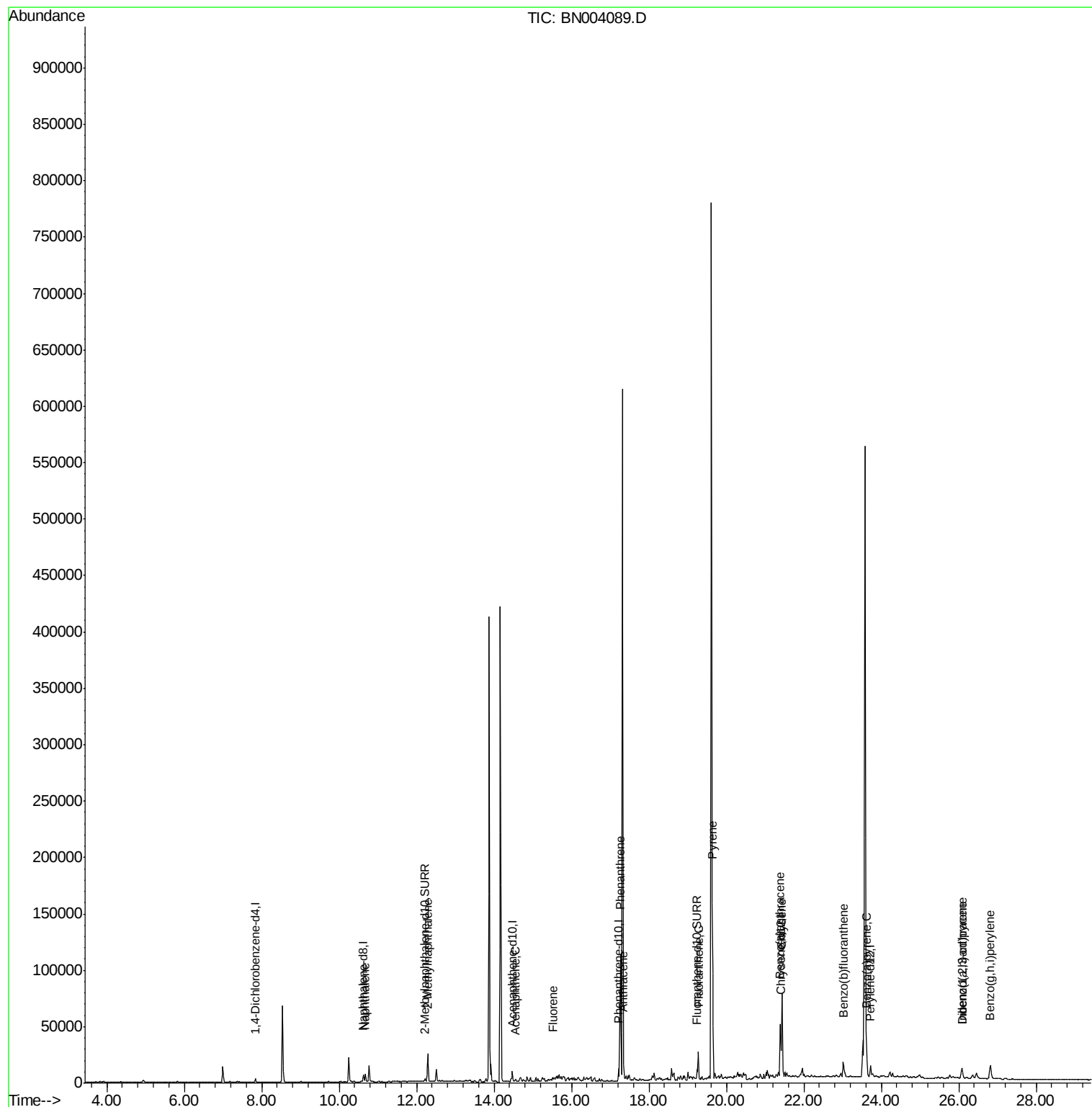
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004089.D
Acq On : 18 Dec 2018 22:34
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Sample : J6271-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

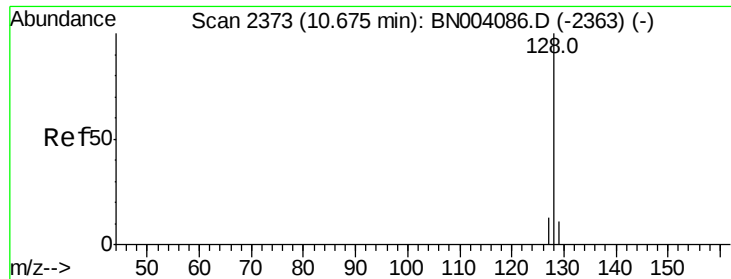
Instrument :
BNA_N
ClientSampleId :
F9F12

Quant Time: Dec 19 04:28:04 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 : Wed Dec 19 04:08:55 2018
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#3

Naphthalene

Concen: 0.419 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Instrument :

BNA_N

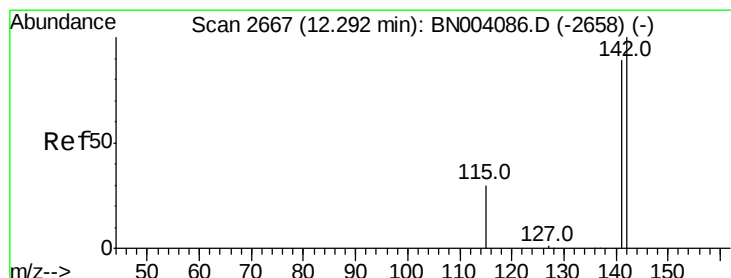
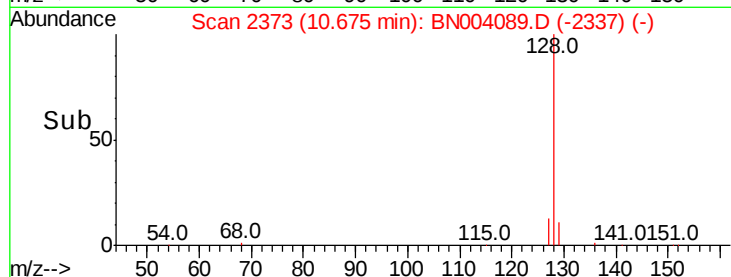
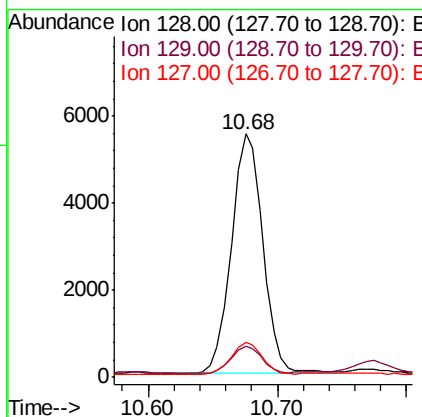
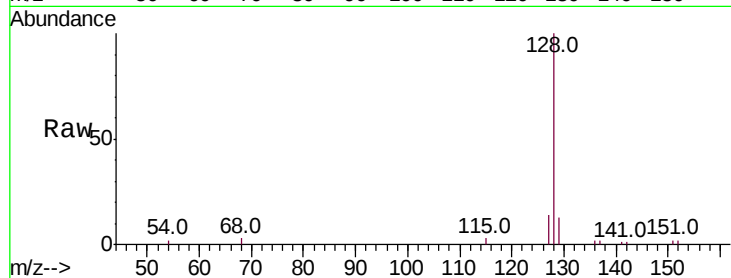
ClientSampleId :

F9F12

Tot Ion:	128	Resp:	9370
Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.6
127	14.2	10.5	15.7

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#5

2-Methylnaphthalene

Concen: 1.127 ng/ul

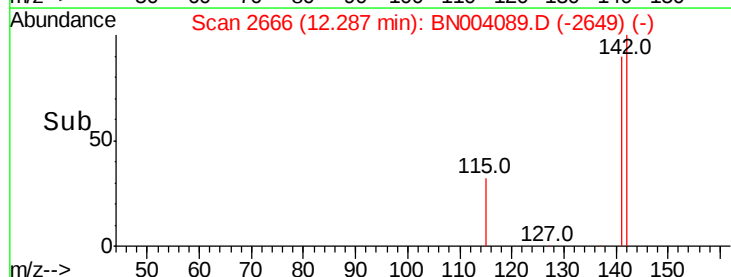
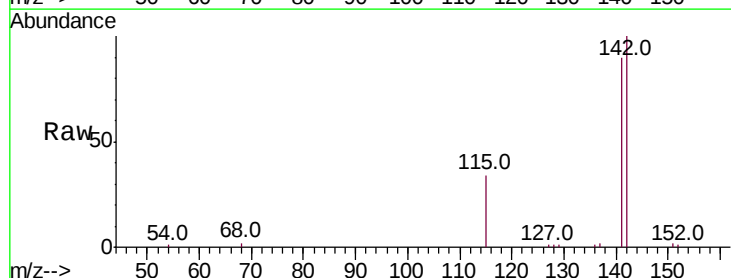
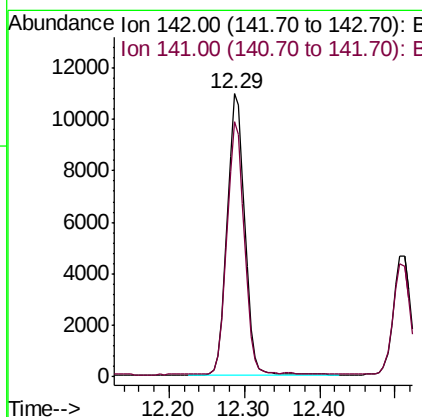
RT: 12.29 min Scan# 2666

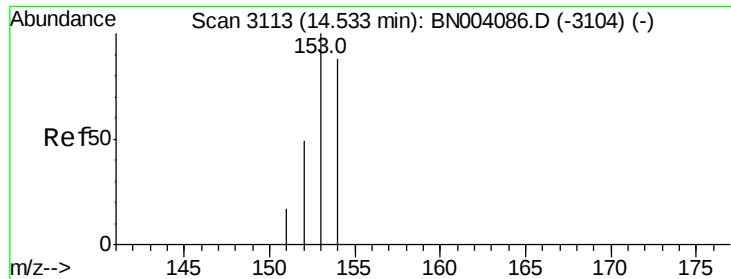
Delta R.T. -0.01 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Tgt Ion:	142	Resp:	17584
Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.5	107.3





#8

Acenaphthene

Concen: 0.074 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Instrument :

BNA_N

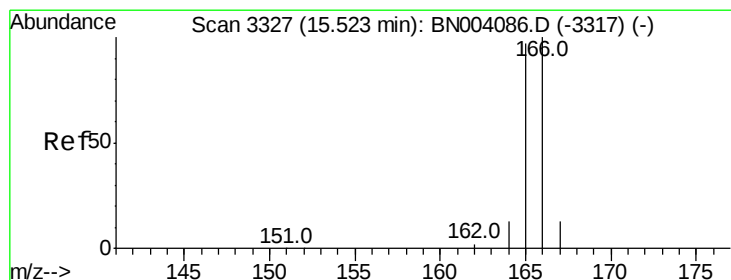
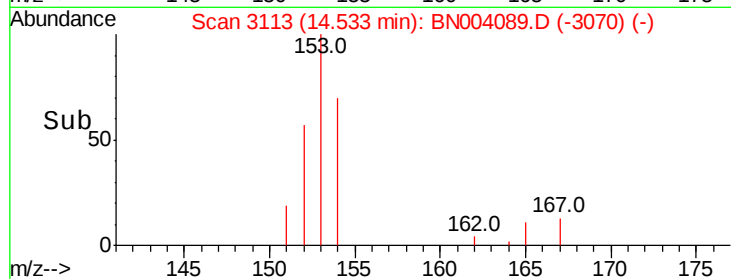
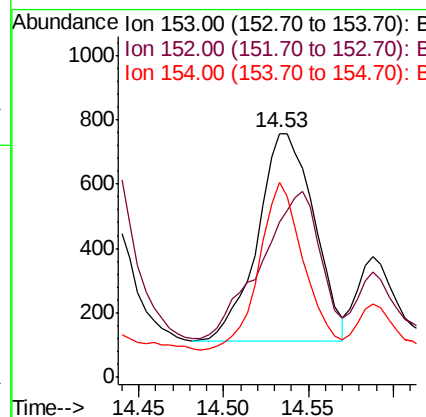
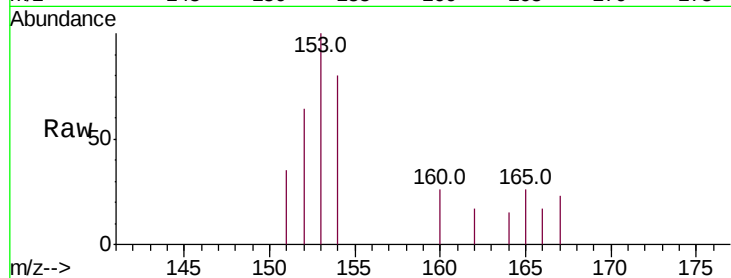
ClientSampleId :

F9F12

Tot Ion:	153	Resp:	1488
Ion Ratio	Lower	Upper	
153	100		
152	63.6	39.3	58.9#
154	80.3	70.3	105.5

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#9

Fluorene

Concen: 0.094 ng/ul

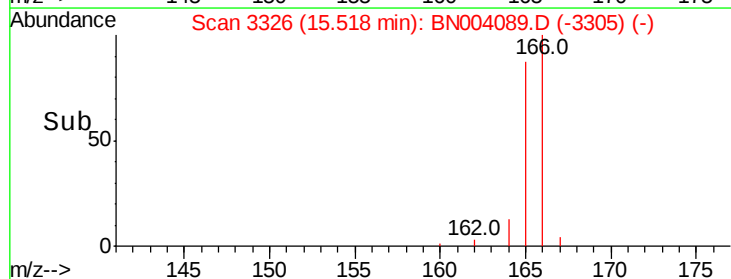
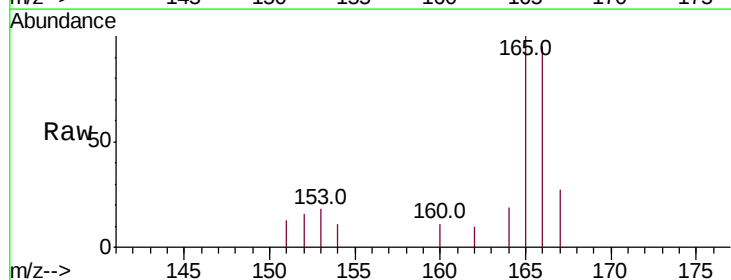
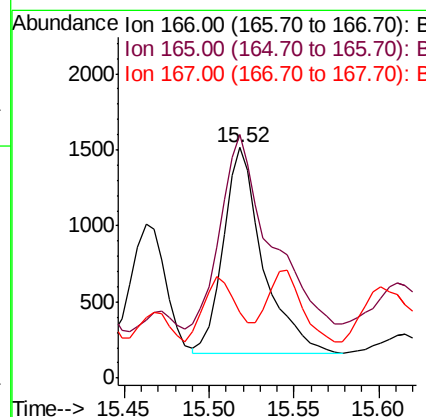
RT: 15.52 min Scan# 3326

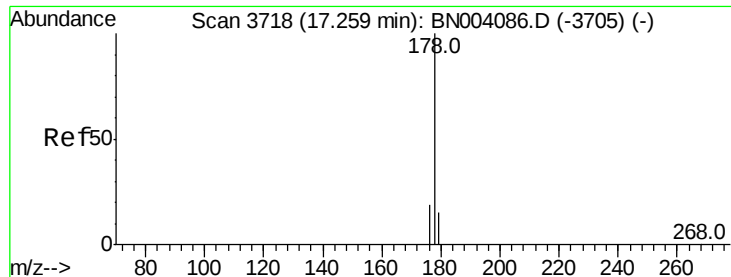
Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Tgt Ion:	166	Resp:	2215
Ion Ratio	Lower	Upper	
166	100		
165	105.8	78.3	117.5
167	28.6	11.3	16.9#





#12

Phenanthrene

Concen: 2.790 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Instrument :

BNA_N

ClientSampleId :

F9F12

Tot Ion:178 Resp: 117765

Ion Ratio Lower Upper

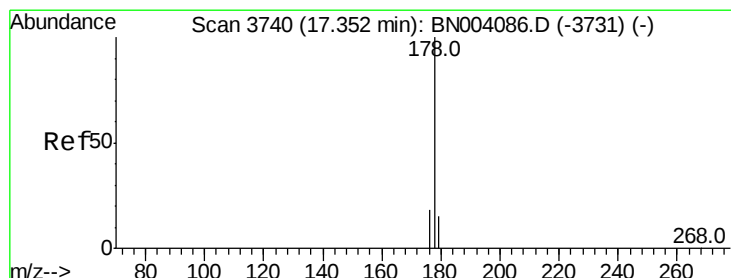
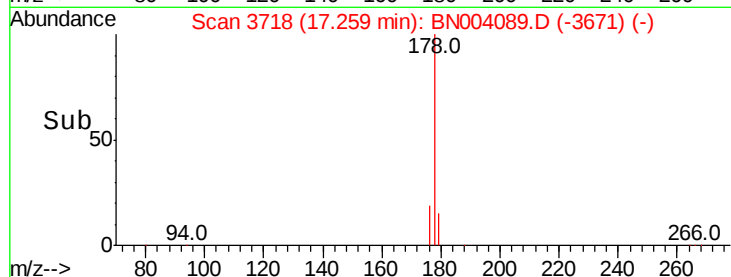
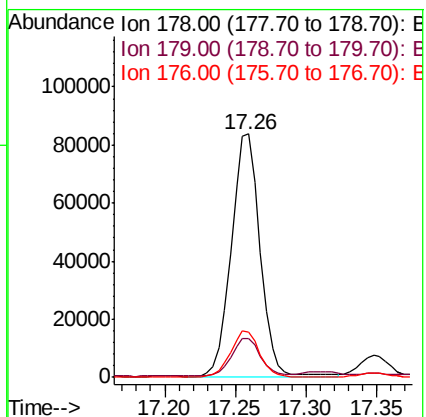
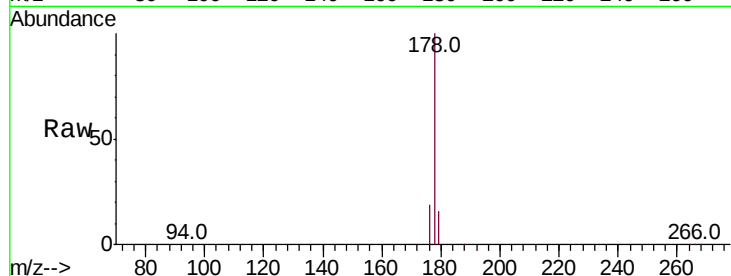
178 100

179 15.9 12.5 18.7

176 18.8 15.0 22.4

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#13

Anthracene

Concen: 0.271 ng/ul m

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

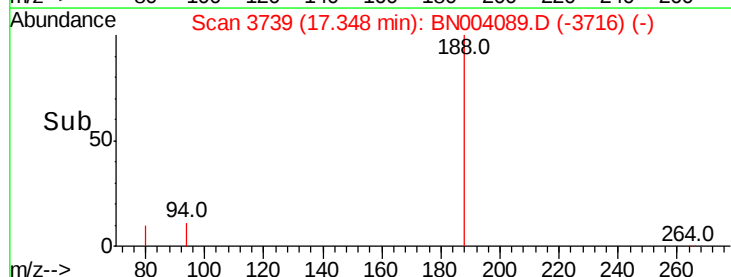
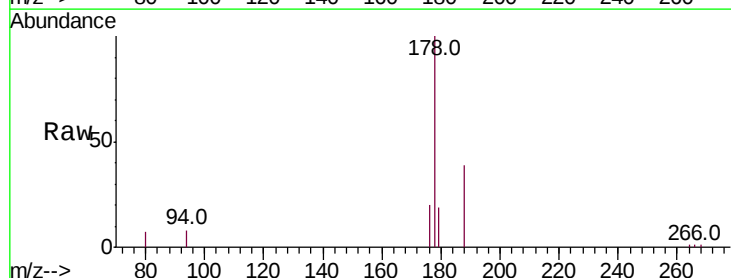
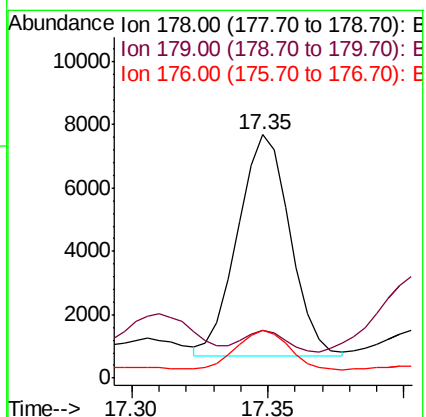
Tgt Ion:178 Resp: 9389

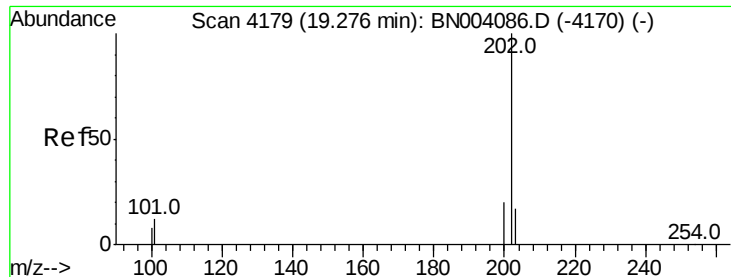
Ion Ratio Lower Upper

178 100

179 19.4 12.3 18.5#

176 19.8 14.8 22.2





#15

Fluoranthene

Concen: 0.430 ng/ul m

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Instrument :

BNA_N

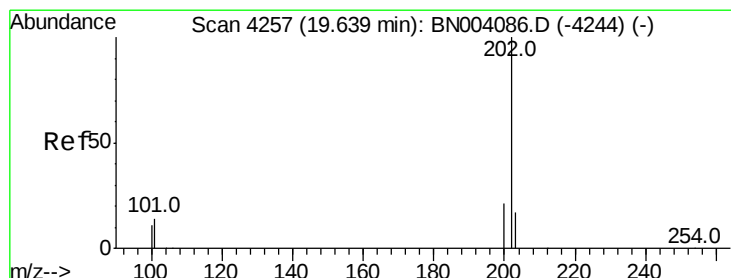
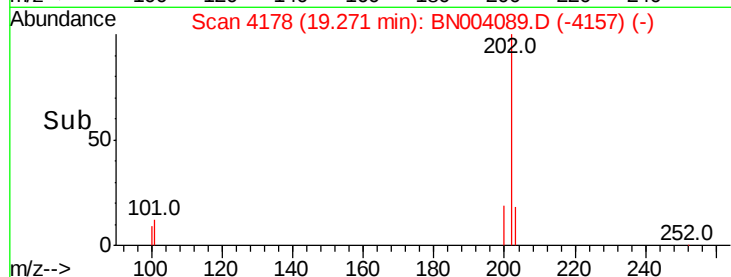
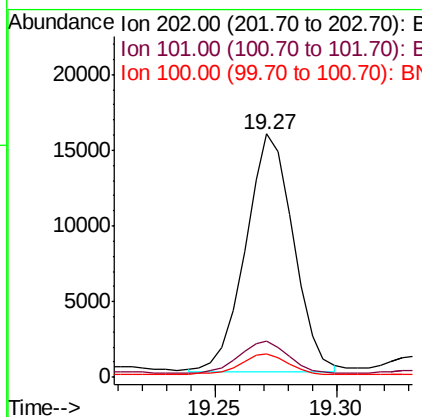
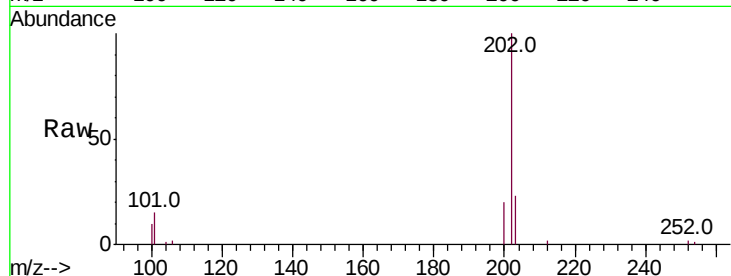
ClientSampleId :

F9F12

Tot Ion:	202	Resp:	21446
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	30.7
100	9.7	0.0	28.1

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#17

Pyrene

Concen: 2.376 ng/ul

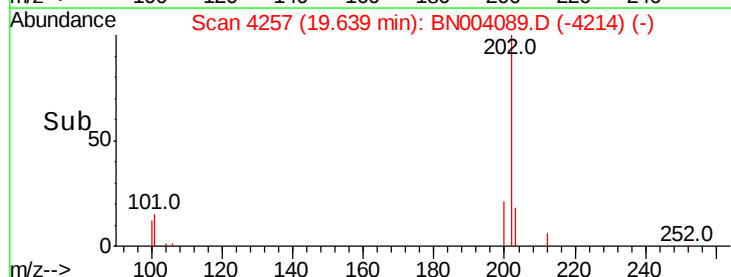
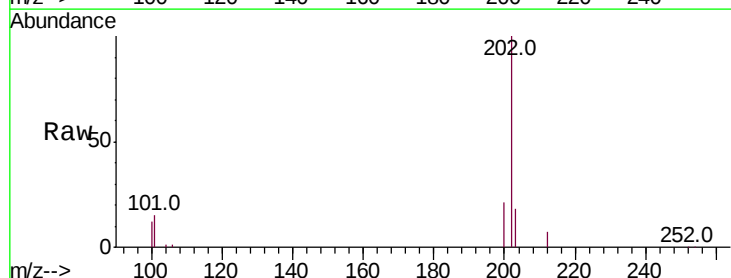
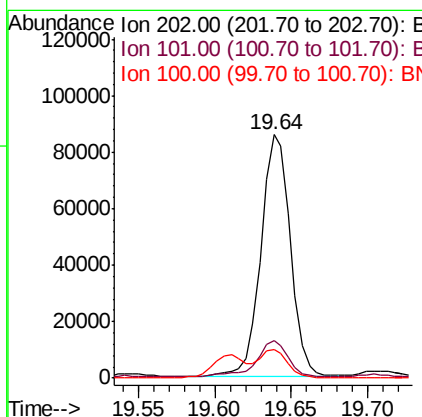
RT: 19.64 min Scan# 4257

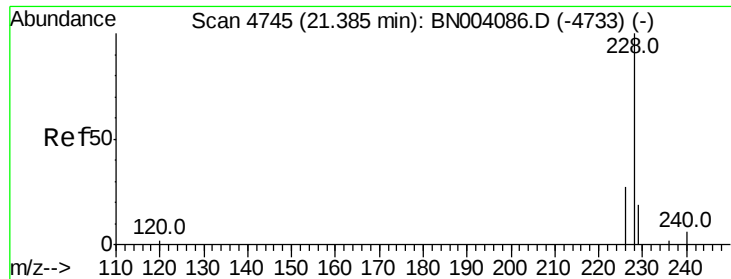
Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Tgt Ion:	202	Resp:	114604
Ion Ratio	Lower	Upper	
202	100		
101	15.4	10.3	15.5
100	11.8	8.5	12.7





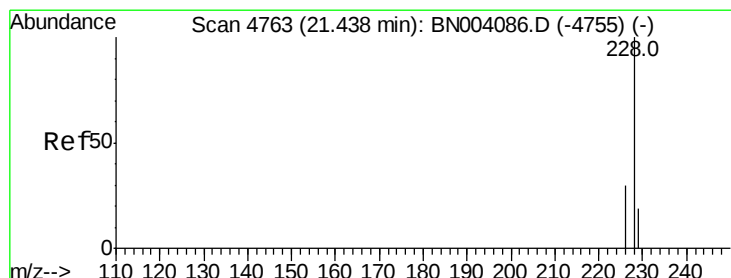
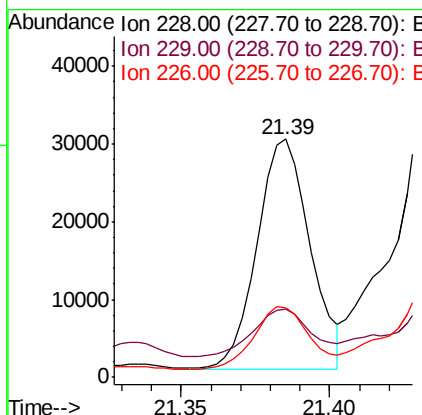
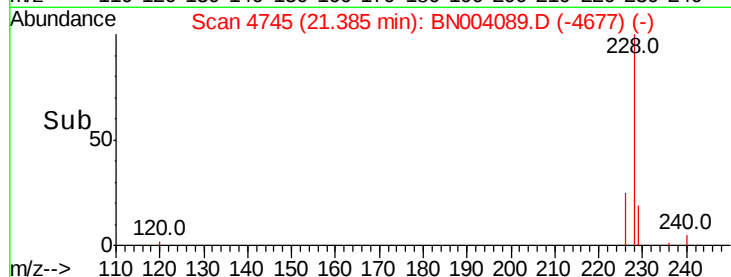
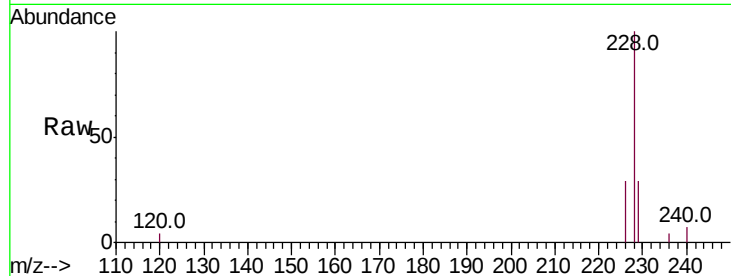
#18
Benzo(a)anthracene
Concen: 0.872 ng/ul m
RT: 21.39 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN004089.D
Acq: 18 Dec 2018 22:34

Instrument :
BNA_N
ClientSampleId :
F9F12

Tot Ion	Ratio	Lower	Upper
228	100		
229	28.5	15.6	23.4#
226	29.4	21.1	31.7

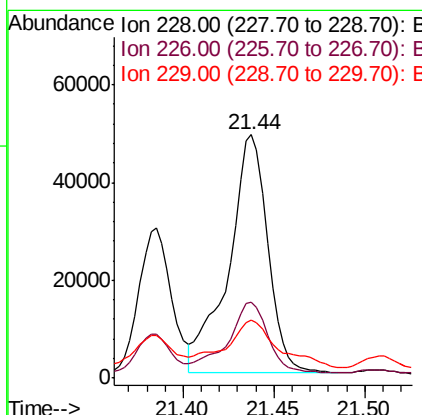
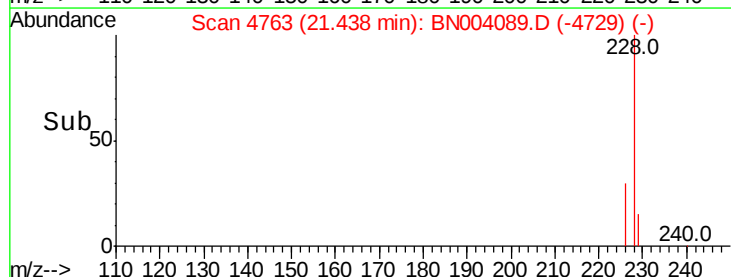
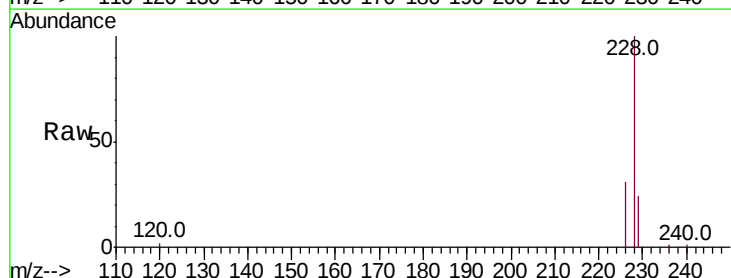
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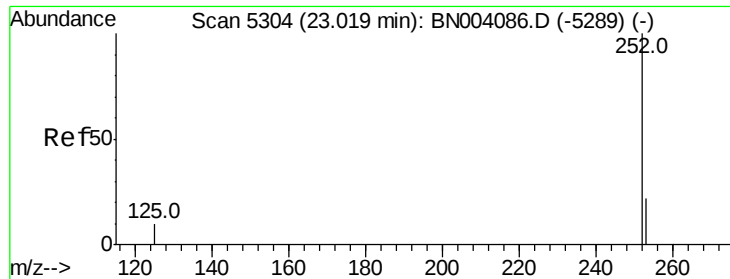
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#19
Chrysene
Concen: 1.514 ng/ul m
RT: 21.44 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN004089.D
Acq: 18 Dec 2018 22:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	23.7	15.7	23.5#





#21

Benzo(b)fluoranthene

Concen: 0.379 ng/ul m

RT: 23.02 min Scan# 5304

Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Instrument :

BNA_N

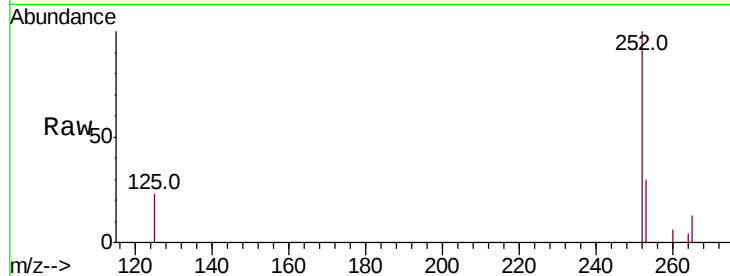
ClientSampled :

F9F12

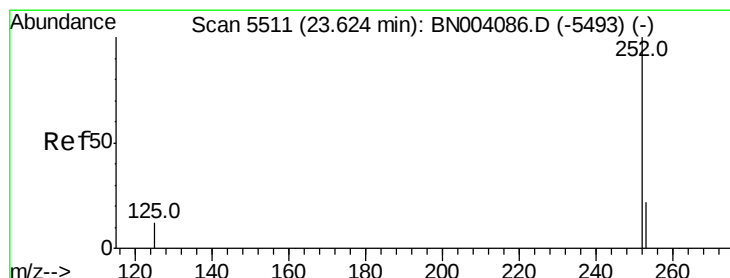
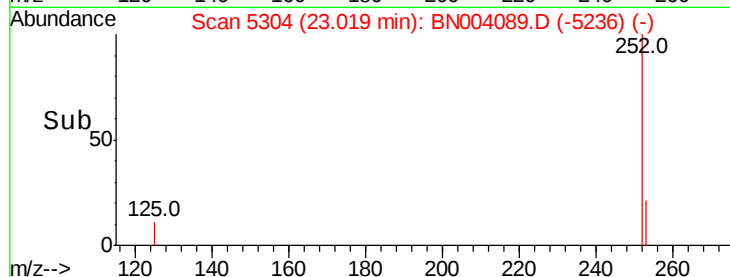
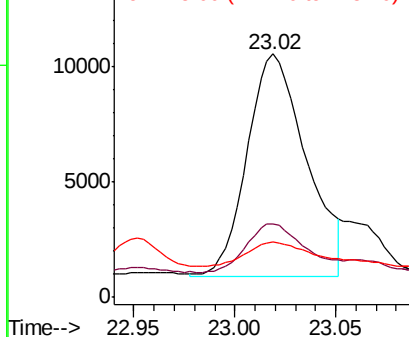
Tot Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	46.0
125	22.7	0.0	22.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.532 ng/ul m

RT: 23.62 min Scan# 5511

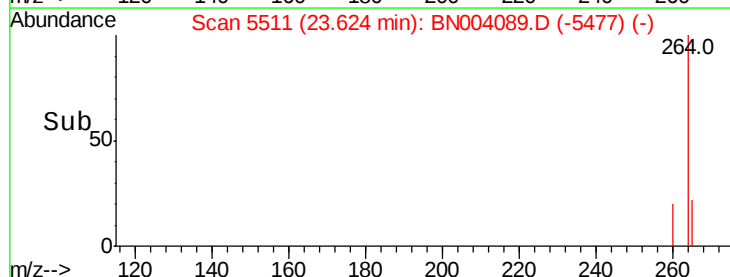
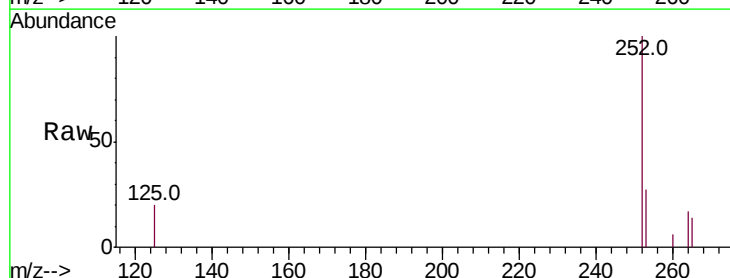
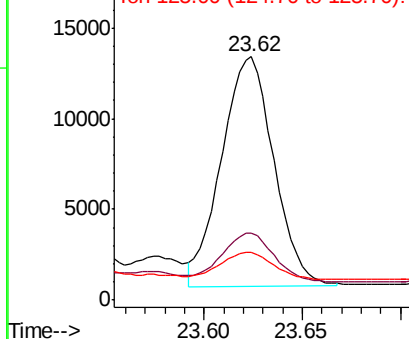
Delta R.T. -0.00 min

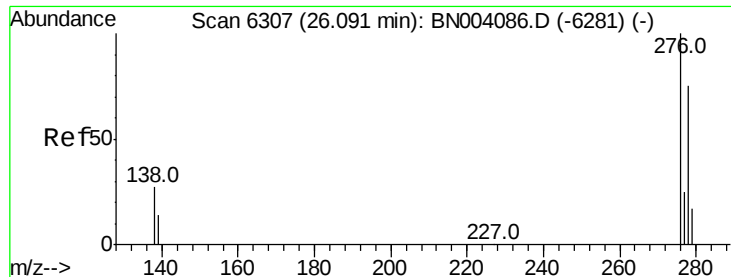
Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.0	28.4
125	19.6	10.2	15.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

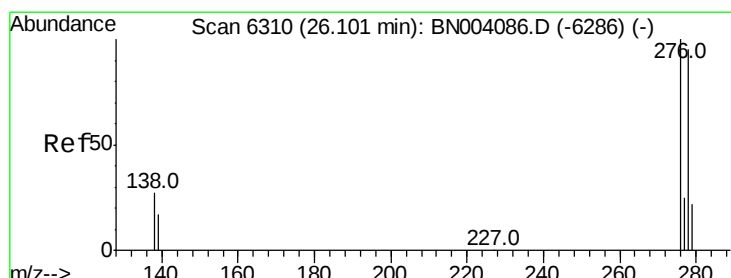
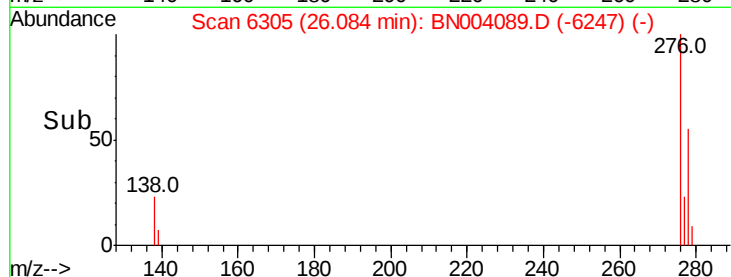
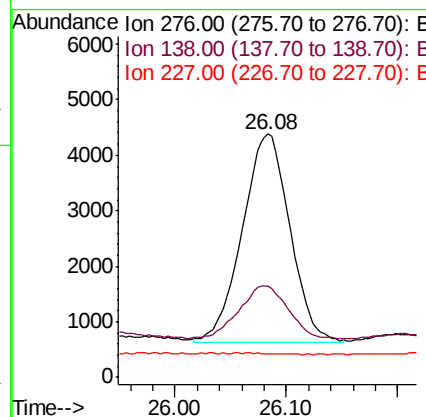
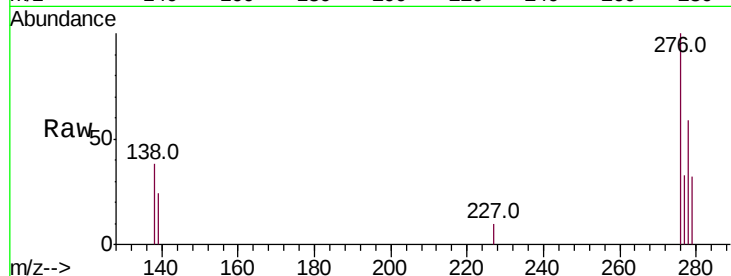
Indeno(1,2,3-cd)pyrene
Concen: 0.219 ng/ul m
RT: 26.08 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004089.D
Acq: 18 Dec 2018 22:34

Instrument :
BNA_N
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Tot Ion	Ratio	Lower	Upper
276	100		
138	7.3	20.3	30.5#
227	0.1	0.2	0.2#

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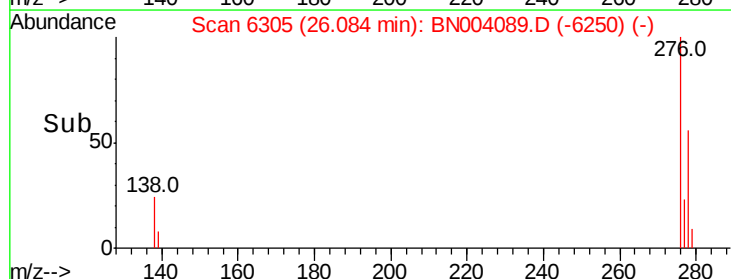
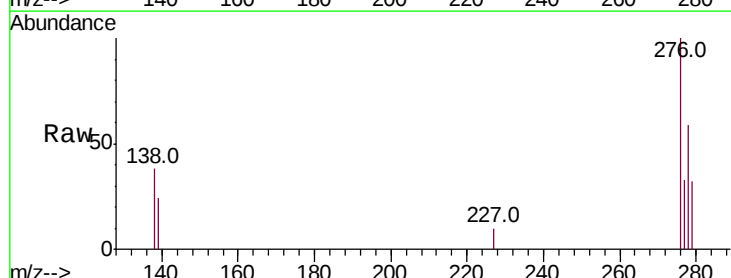
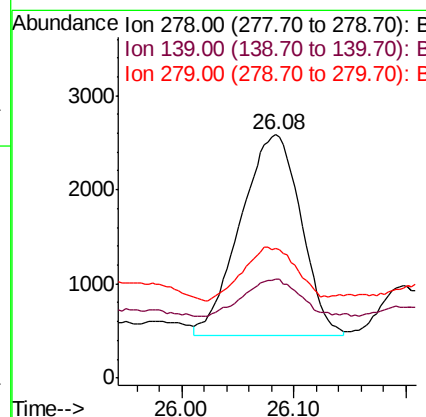
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12/19/2018 4:16:43 PM

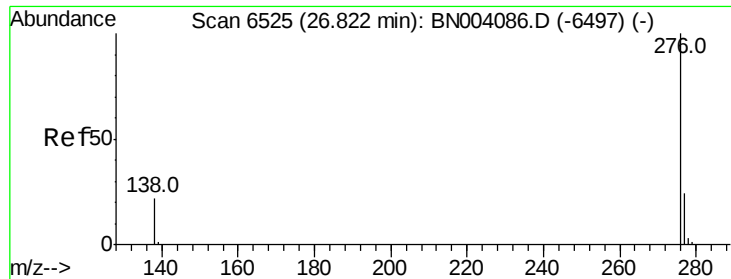


#25

Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul m
RT: 26.08 min Scan# 6305
Delta R.T. -0.02 min
Lab File: BN004089.D
Acq: 18 Dec 2018 22:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.8	14.2	21.4#
279	53.4	19.8	29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.559 ng/ul m

RT: 26.82 min Scan# 6523

Delta R.T. -0.01 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Instrument :

BNA_N

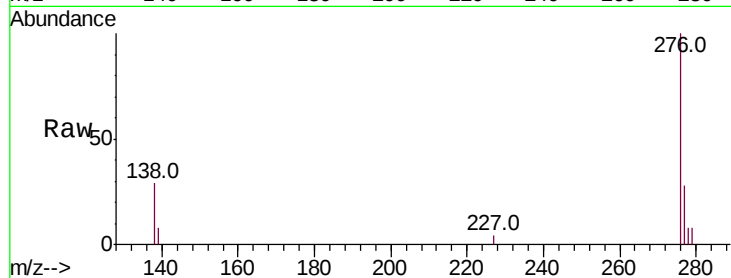
ClientSampleId :

F9F12

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	17.7	26.5#
277	28.0	19.3	28.9

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:43 PM



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

