

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
 Data File : BN004092.D
 Acq On : 19 Dec 2018 00:19
 Operator : JU/SJ
 Sample : J6271-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E28

Manual Integrations
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Quant Time: Dec 19 04:41:50 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	7.83	152	1748	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8478	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5148	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13111m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14596m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13338m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2846	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9062m	0.24	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.19	152	38937	1.680	ng/ul	100
9) Fluorene	15.52	166	824	0.035	ng/ul#	94
12) Phenanthrene	17.26	178	9247m	0.215	ng/ul	
13) Anthracene	17.35	178	33535m	0.948	ng/ul	
15) Fluoranthene	19.27	202	174923m	3.442	ng/ul	
17) Pyrene	19.64	202	189508	3.620	ng/ul	98
18) Benzo(a)anthracene	21.38	228	132149m	2.867	ng/ul	
19) Chrysene	21.44	228	130352m	2.471	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	257983m	4.676	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	82728m	1.539	ng/ul	
23) Benzo(a)pyrene	23.62	252	116360m	2.435	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	107931m	1.970	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	26702m	0.606	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	82318m	1.729	ng/ul	

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

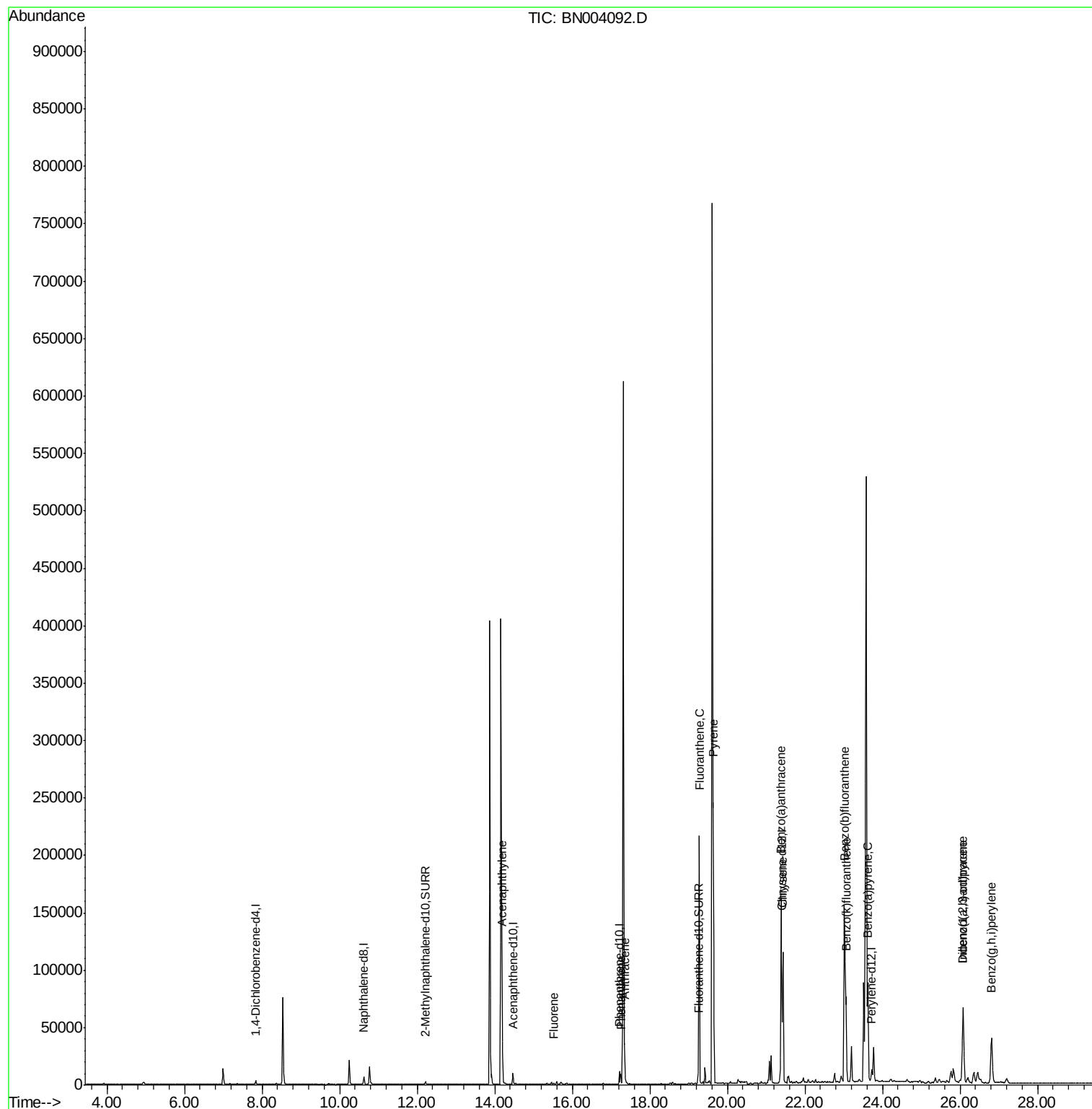
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004092.D
Acq On : 19 Dec 2018 00:19
Operator : JU/SJ
Sample : J6271-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

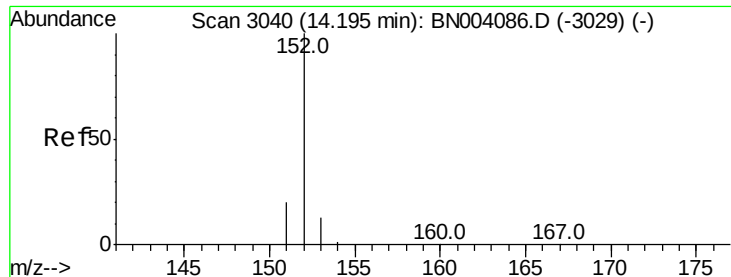
Instrument :
BNA_N
ClientSampleId :
F9E28

Quant Time: Dec 19 04:41:50 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration

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#7

Acenaphthylene

Concen: 1.680 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004092.D

Acq: 19 Dec 2018 00:19

Instrument :

BNA_N

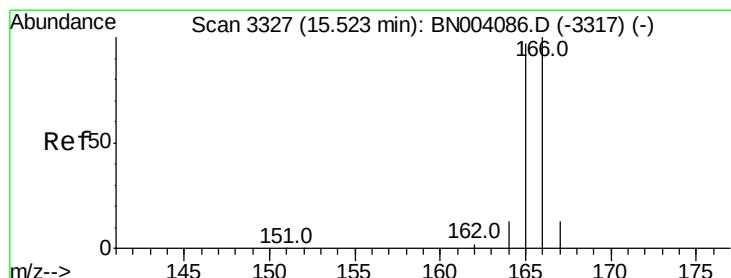
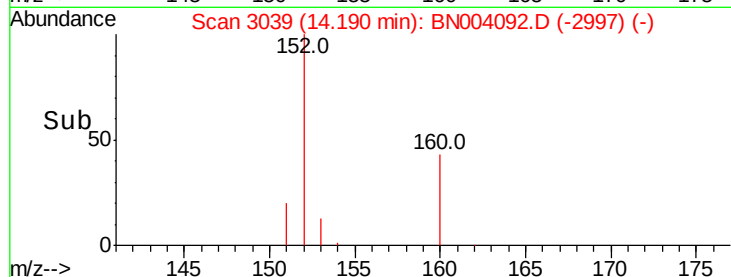
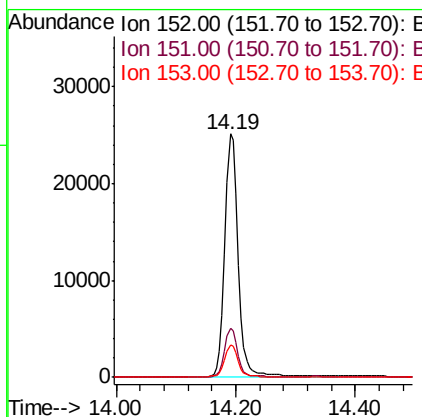
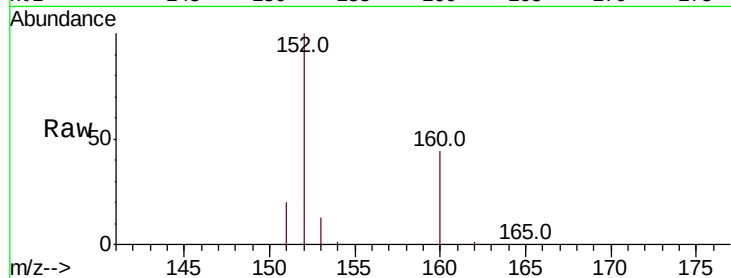
ClientSampled :

F9E28

Tot Ion:	152	Resp:	38937
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.9	23.9
153	13.2	10.7	16.1

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#9

Fluorene

Concen: 0.035 ng/ul

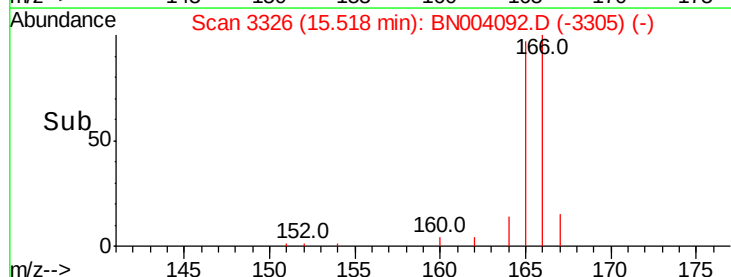
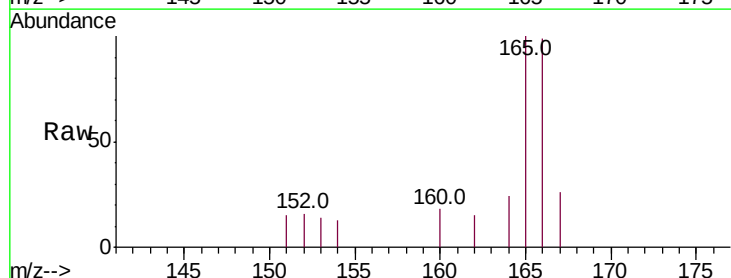
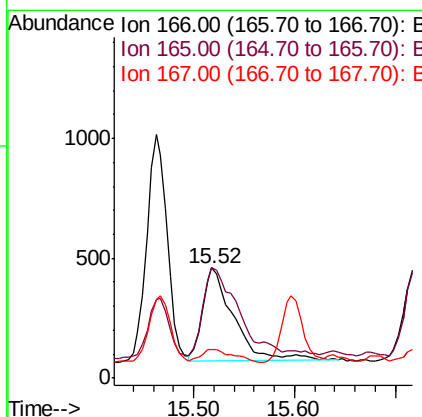
RT: 15.52 min Scan# 3326

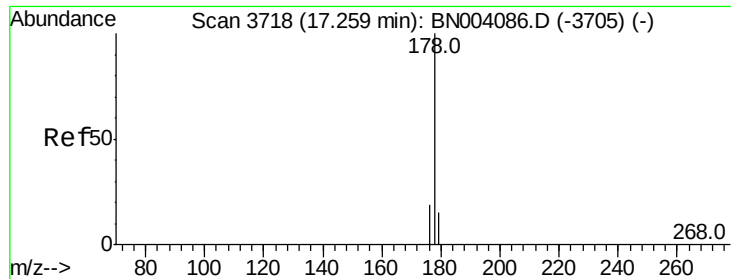
Delta R.T. -0.00 min

Lab File: BN004092.D

Acq: 19 Dec 2018 00:19

Tgt Ion:	166	Resp:	824
Ion Ratio	Lower	Upper	
166	100		
165	100.7	78.3	117.5
167	26.6	11.3	16.9#





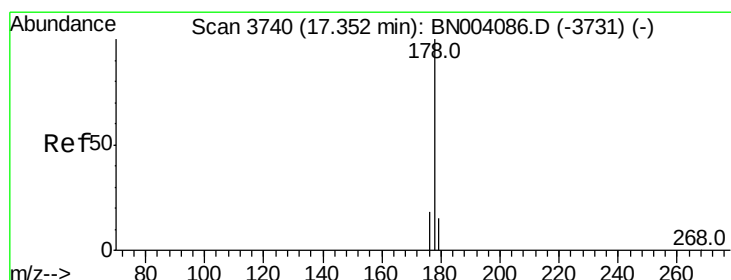
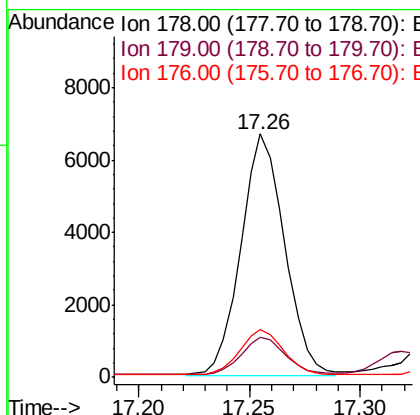
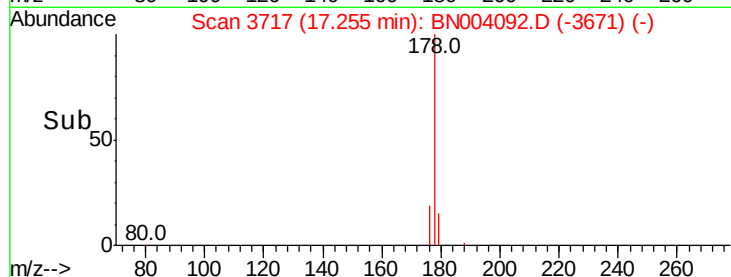
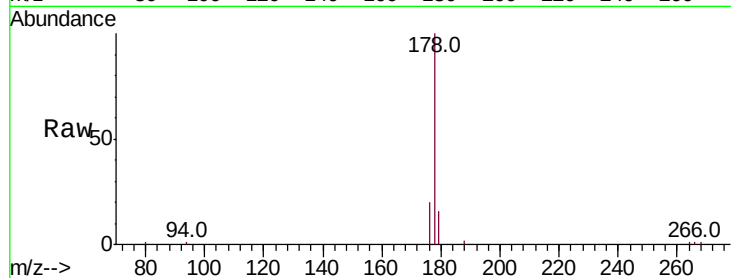
#12
Phenanthrene
Concen: 0.215 ng/ul m
RT: 17.26 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN004092.D
Acq: 19 Dec 2018 00:19

Instrument :
BNA_N
ClientSampleId :
F9E28

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.5	18.7
176	19.5	15.0	22.4

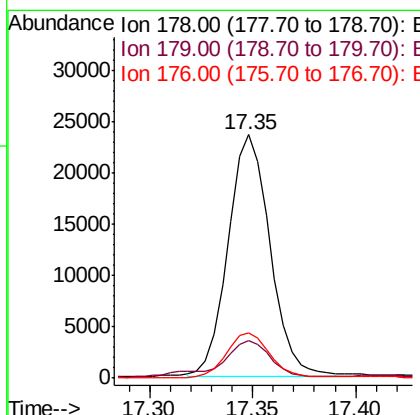
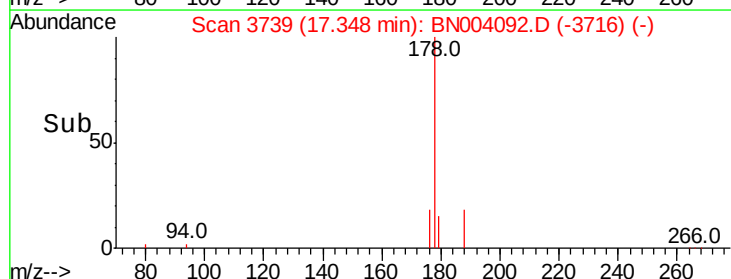
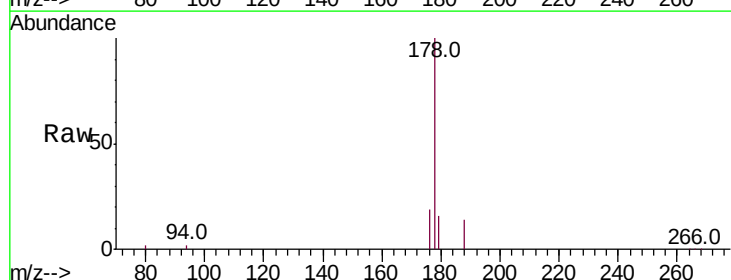
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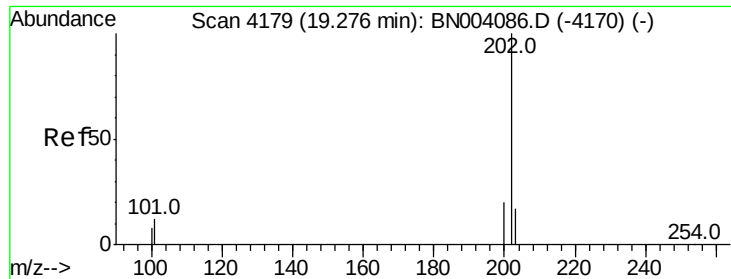
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#13
Anthracene
Concen: 0.948 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004092.D
Acq: 19 Dec 2018 00:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.6	14.8	22.2





#15

Fluoranthene

Concen: 3.442 ng/ul m

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004092.D

Acq: 19 Dec 2018 00:19

Instrument :

BNA_N

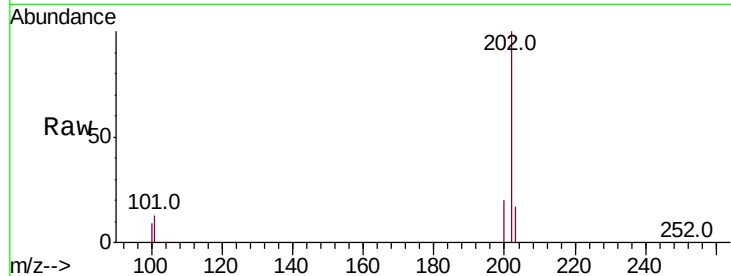
ClientSampled :

F9E28

Tot Ion:	202	Resp:	174923
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	30.7
100	9.4	0.0	28.1

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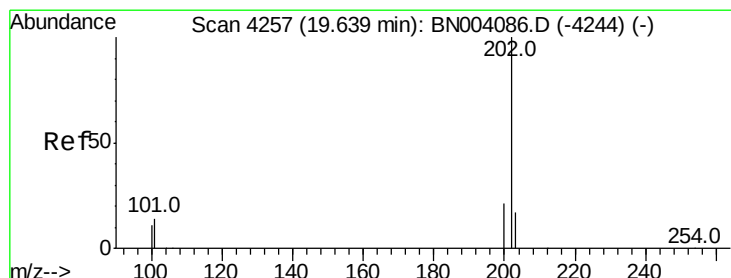
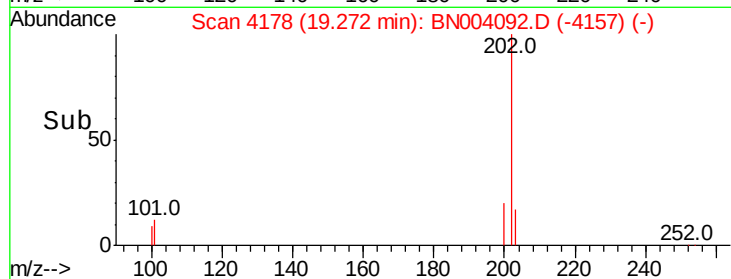
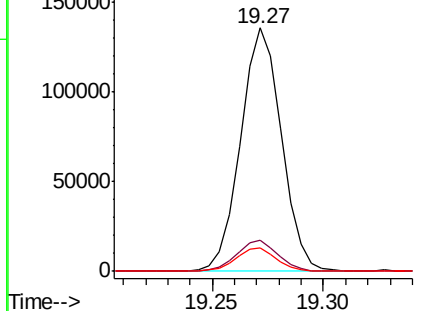
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 3.620 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN004092.D

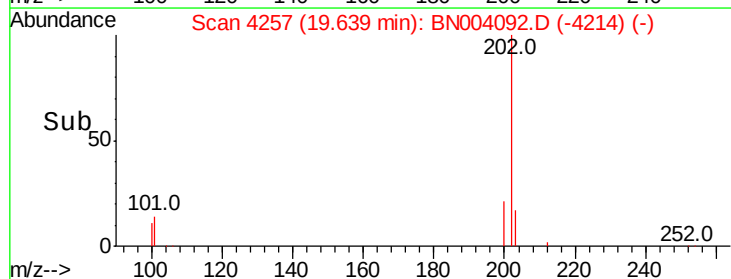
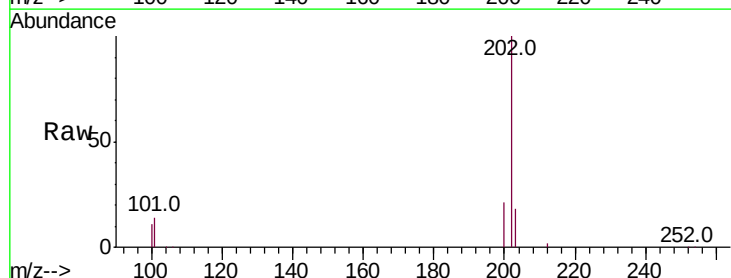
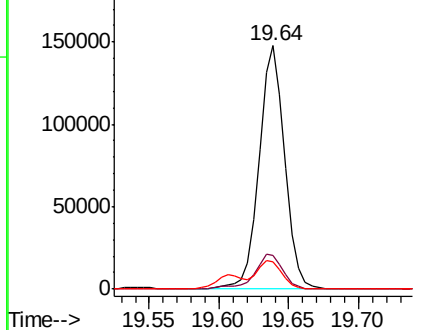
Acq: 19 Dec 2018 00:19

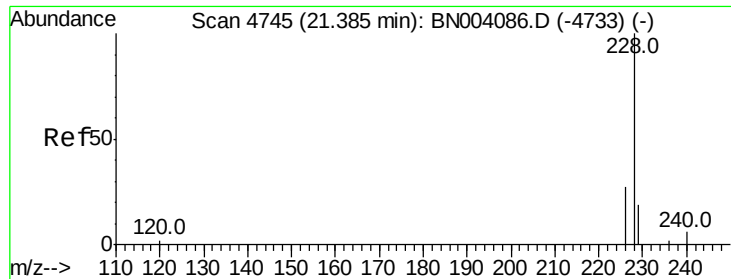
Tgt Ion:	202	Resp:	189508
Ion Ratio	Lower	Upper	
202	100		
101	14.1	10.3	15.5
100	11.2	8.5	12.7

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 2.867 ng/ul m

RT: 21.38 min Scan# 4744

Delta R.T. -0.00 min

Lab File: BN004092.D

Acq: 19 Dec 2018 00:19

Instrument :

BNA_N

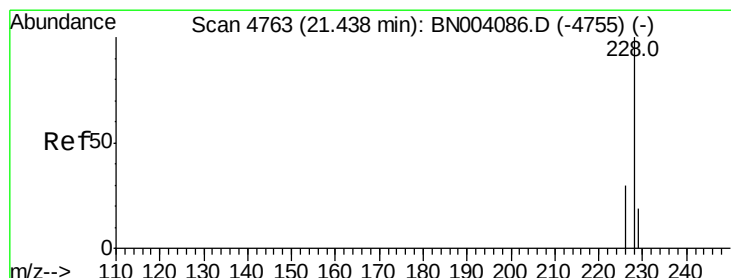
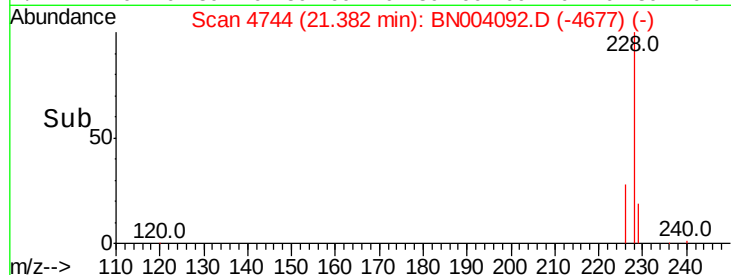
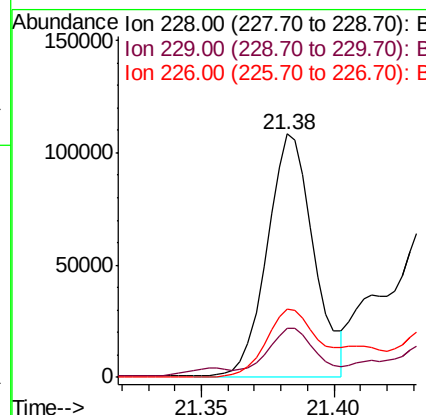
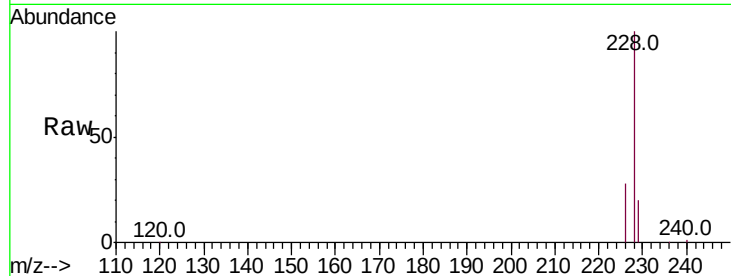
ClientSampleId :

F9E28

Tot Ion:228	Resp:	132149
Ion Ratio	Lower	Upper
228	100	
229	20.0	15.6 23.4
226	28.0	21.1 31.7

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#19

Chrysene

Concen: 2.471 ng/ul m

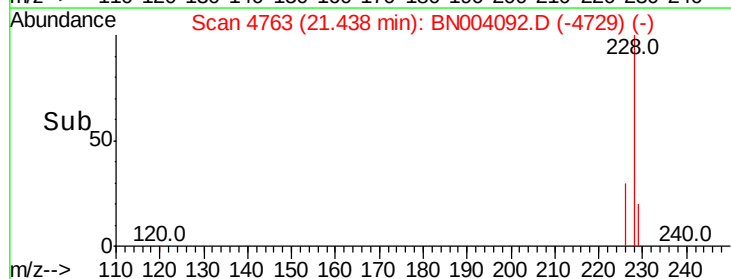
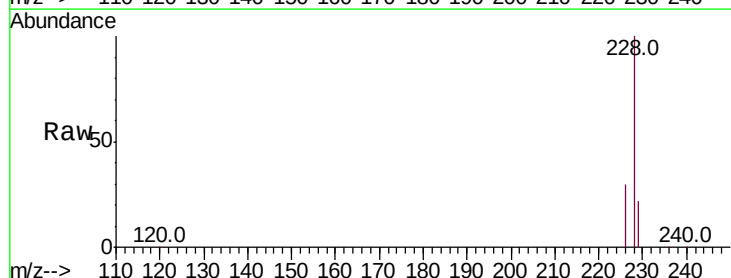
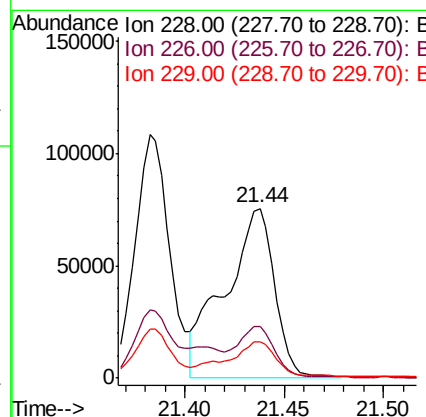
RT: 21.44 min Scan# 4763

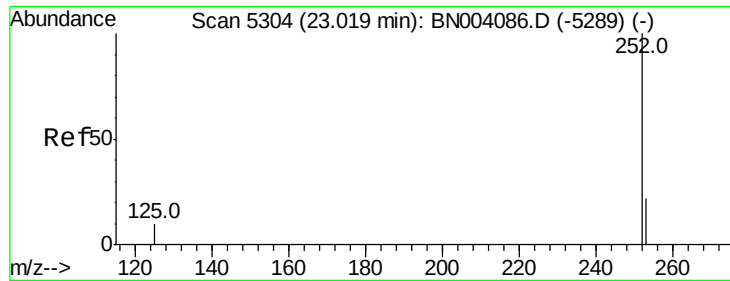
Delta R.T. 0.00 min

Lab File: BN004092.D

Acq: 19 Dec 2018 00:19

Tgt Ion:228	Resp:	130352
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.0 36.0
229	21.6	15.7 23.5





#21

Benzo(b)fluoranthene

Concen: 4.676 ng/ul m

RT: 23.02 min Scan# 5304

Delta R.T. 0.00 min

Lab File: BN004092.D

Acq: 19 Dec 2018 00:19

Instrument :

BNA_N

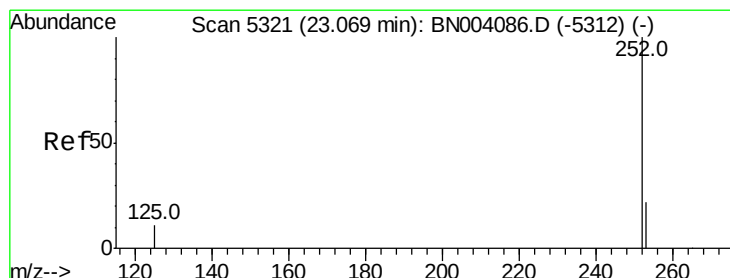
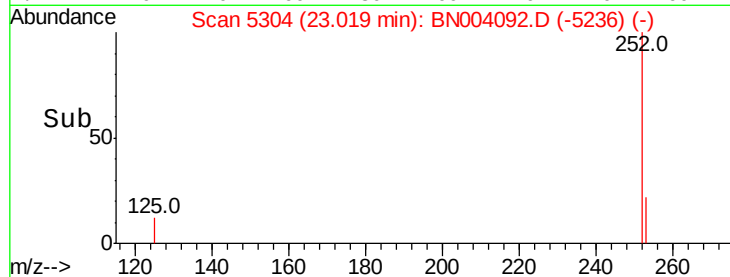
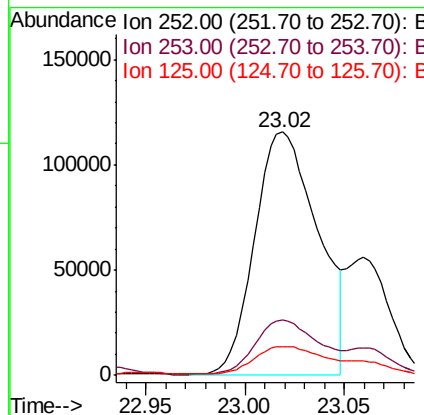
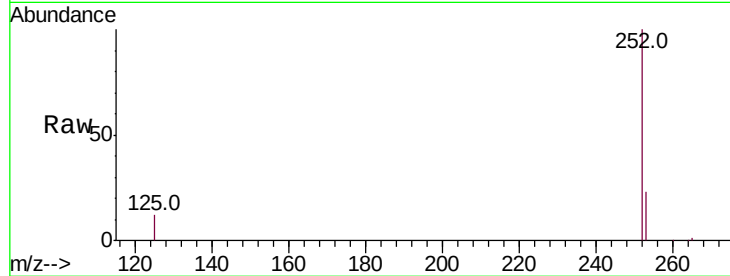
ClientSampleId :

F9E28

Tot Ion:	252	Resp:	257983
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	46.0
125	12.0	0.0	22.4

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#22

Benzo(k)fluoranthene

Concen: 1.539 ng/ul m

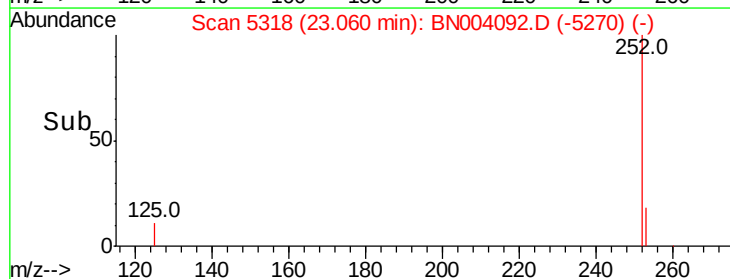
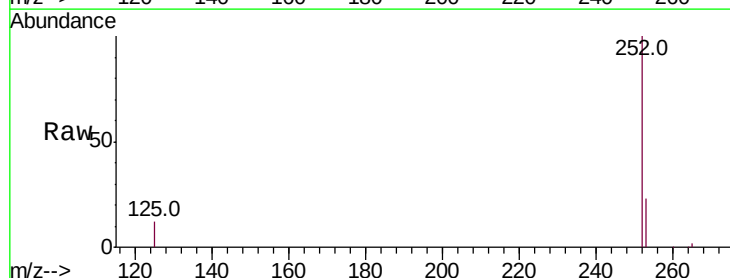
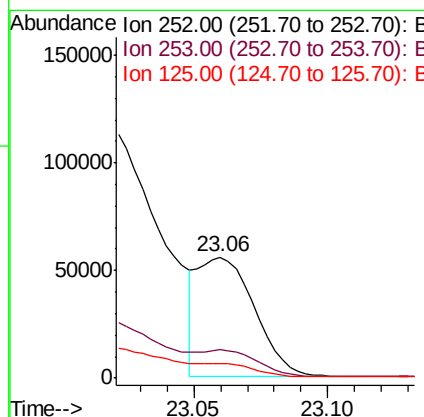
RT: 23.06 min Scan# 5318

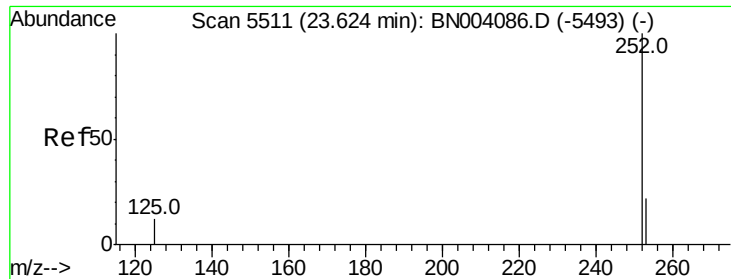
Delta R.T. -0.01 min

Lab File: BN004092.D

Acq: 19 Dec 2018 00:19

Tgt Ion:	252	Resp:	82728
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.5	27.7
125	12.1	9.0	13.6





#23

Benzo(a)pyrene

Concen: 2.435 ng/ul m

RT: 23.62 min Scan# 5510

Delta R.T. -0.00 min

Lab File: BN004092.D

Acq: 19 Dec 2018 00:19

Instrument :

BNA_N

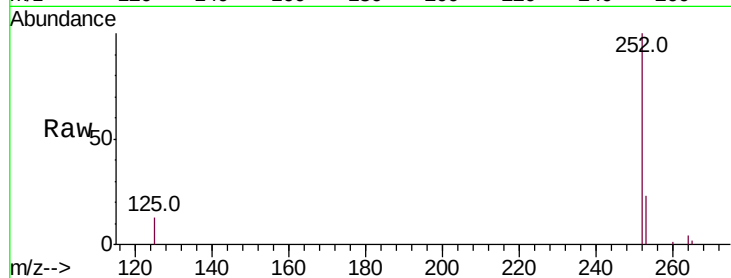
ClientSampleId :

F9E28

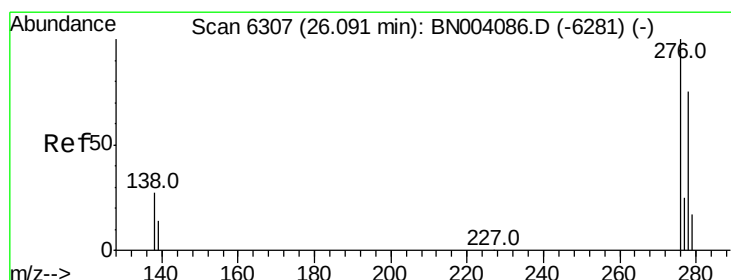
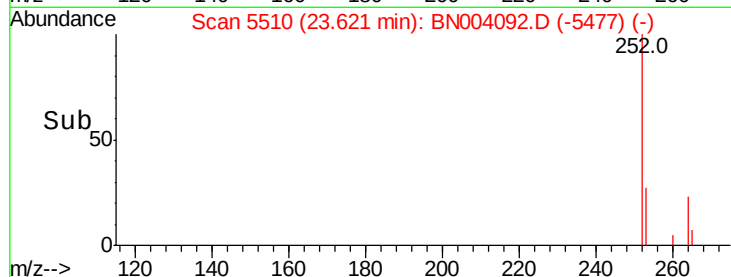
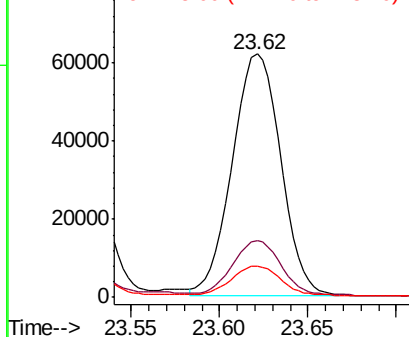
Tot Ion:	252	Resp:	116360
Ion Ratio	Lower	Upper	
252	100		
253	23.1	19.0	28.4
125	13.0	10.2	15.4

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.970 ng/ul m

RT: 26.08 min Scan# 6303

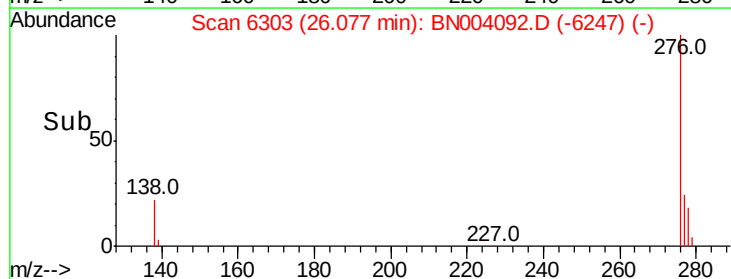
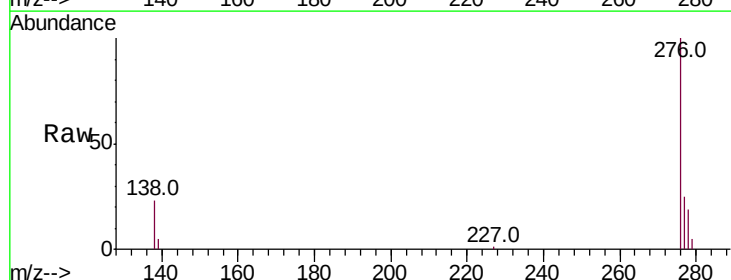
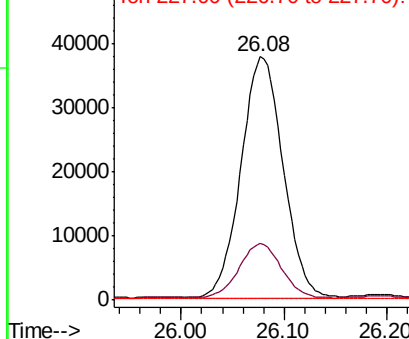
Delta R.T. -0.01 min

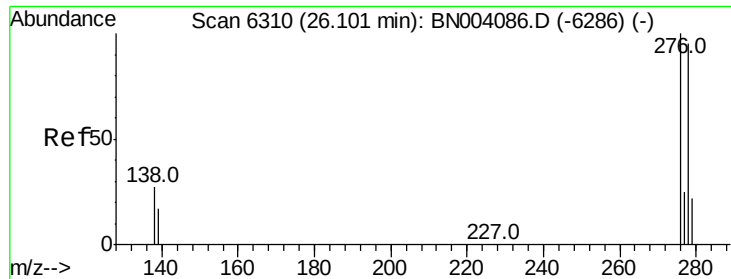
Lab File: BN004092.D

Acq: 19 Dec 2018 00:19

Tgt Ion:	276	Resp:	107931
Ion Ratio	Lower	Upper	
276	100		
138	1.9	20.3	30.5#
227	0.0	0.2	0.2#

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





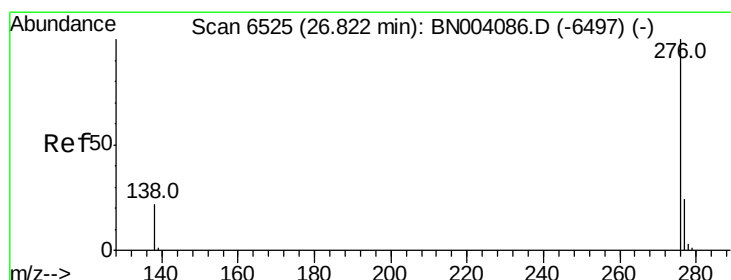
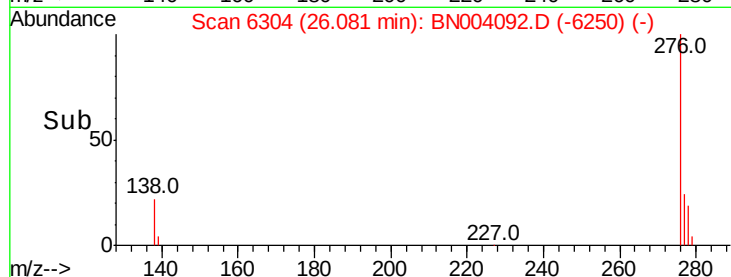
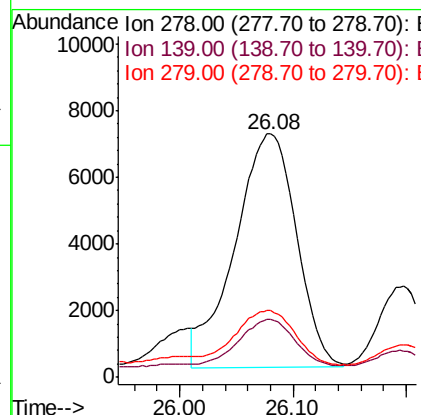
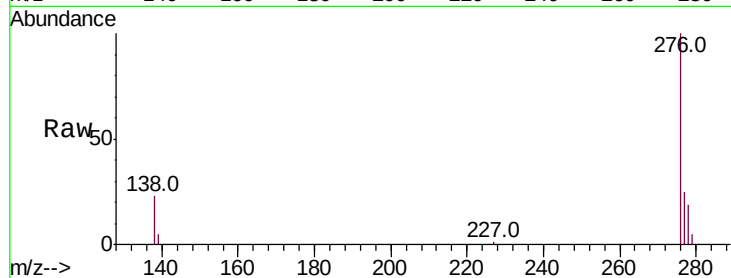
#25
Dibenzo(a,h)anthracene
Concen: 0.606 ng/ul m
RT: 26.08 min Scan# 6304
Delta R.T. -0.02 min
Lab File: BN004092.D
Acq: 19 Dec 2018 00:19

Instrument :
BNA_N
ClientSampled :
F9E28

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.1	14.2	21.4#
279	27.3	19.8	29.6

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#26
Benzo(g,h,i)perylene
Concen: 1.729 ng/ul m
RT: 26.81 min Scan# 6522
Delta R.T. -0.01 min
Lab File: BN004092.D
Acq: 19 Dec 2018 00:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	17.7	26.5
277	24.2	19.3	28.9

