

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022121\
 Data File : BN013708.D
 Acq On : 21 Feb 2021 03:42
 Operator : CG/JU
 Sample : M1415-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBH25

Manual Integrations
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Quant Time: Feb 22 01:07:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN022121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 20 23:16:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4521	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	17424	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	9838	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	19569	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	25755	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	16372	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	5316	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	10680	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.35	128	1225	0.027	ng/ul#	77
7) Acenaphthylene	13.90	152	10380	0.271	ng/ul	99
9) Fluorene	15.24	166	1484	0.039	ng/ul#	91
12) Phenanthrene	16.97	178	13942	0.237	ng/ul	98
13) Anthracene	17.06	178	13877	0.269	ng/ul	97
15) Fluoranthene	19.00	202	37923	0.565	ng/ul	99
17) Pyrene	19.37	202	48222	0.490	ng/ul	99
18) Benzo(a)anthracene	21.12	228	49781	0.562	ng/ul#	89
19) Chrysene	21.18	228	59503	0.649	ng/ul#	92
21) Benzo(b)fluoranthene	22.66	252	105474m	1.683	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	34592m	0.537	ng/ul	
23) Benzo(a)pyrene	23.21	252	52948	0.955	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.45	276	34882	0.488	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.46	278	9749	0.167	ng/ul#	65
26) Benzo(g,h,i)perylene	26.11	276	18196	0.295	ng/ul#	85

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

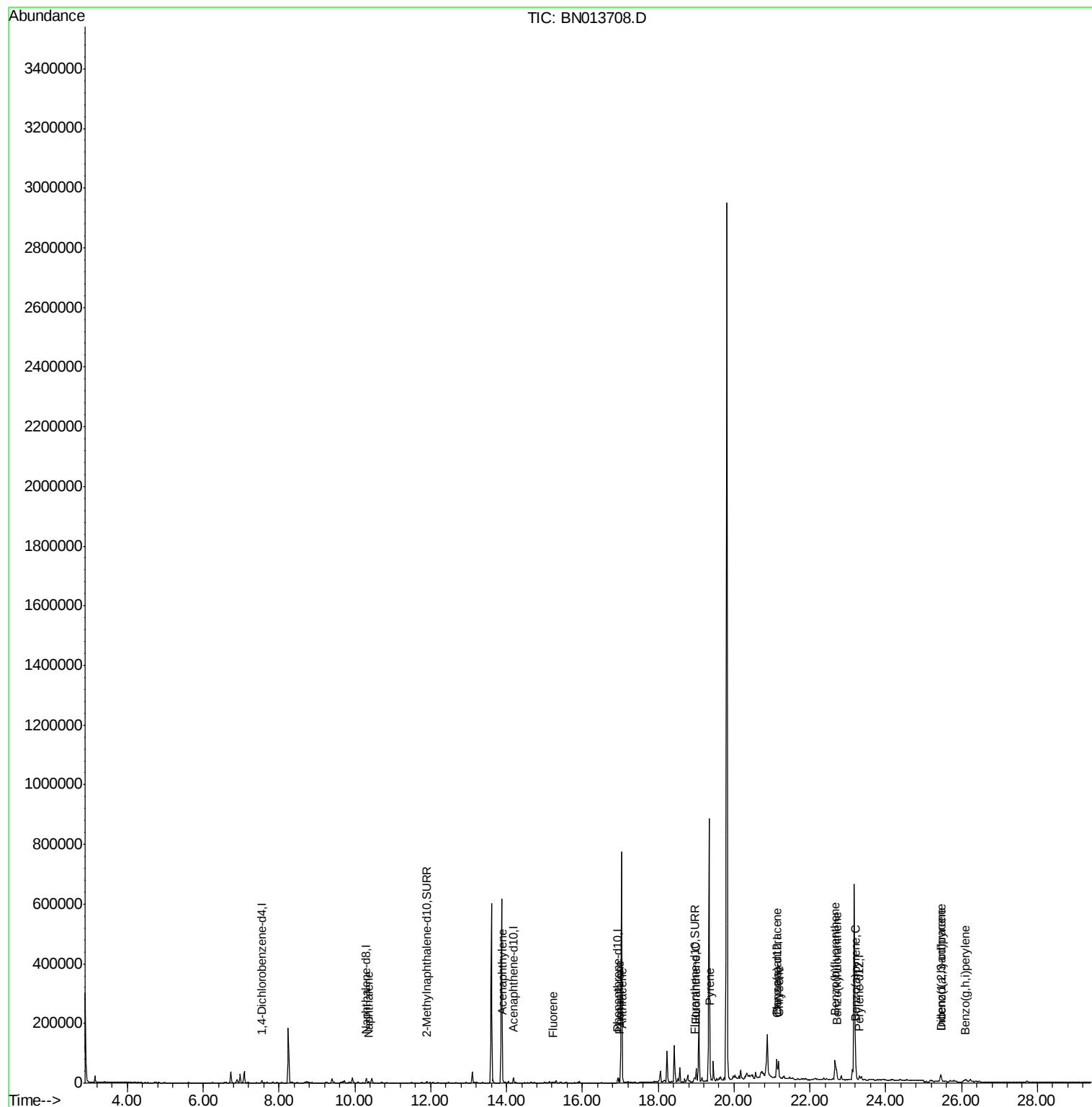
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022121\
Data File : BN013708.D
Acq On : 21 Feb 2021 03:42
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Misc :
ALS Vial : 17 Sample Multiplier: 1

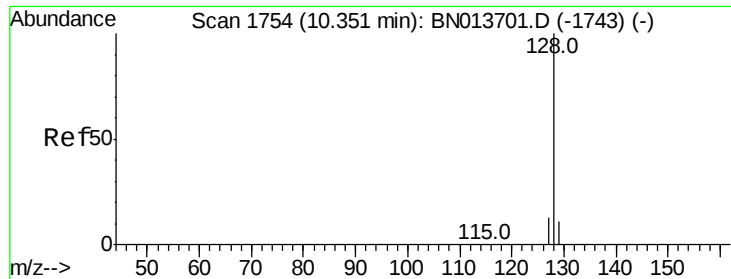
Instrument :
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Quant Time: Feb 22 01:07:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN022121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 20 23:16:49 2021
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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.35 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BN013708.D

Acq: 21 Feb 2021 03:42

Instrument :

BNA_N

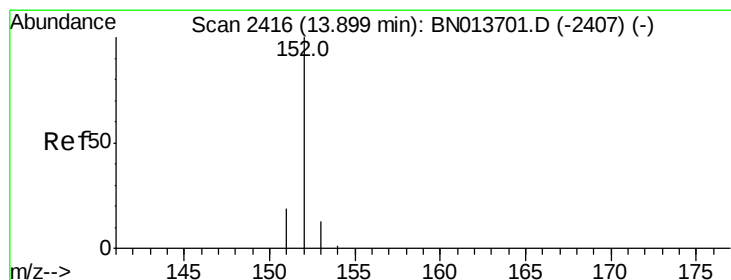
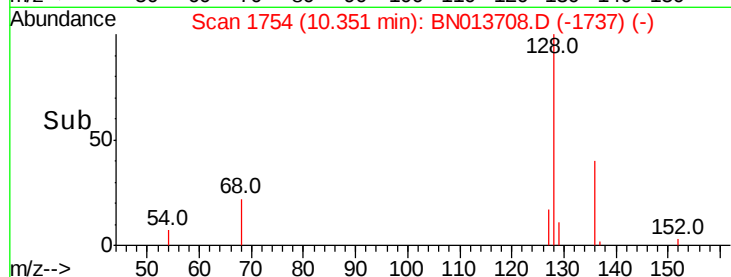
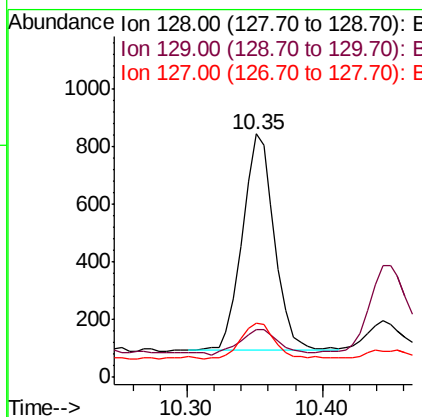
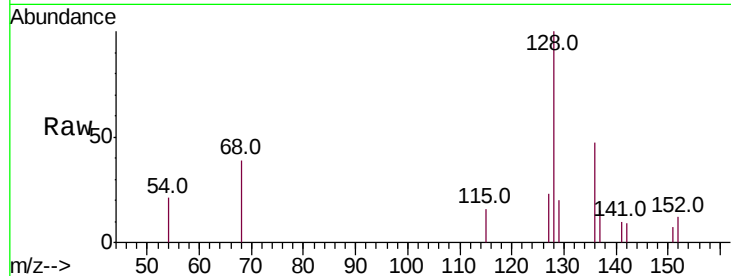
ClientSampled :

DBH25

Tot Ion:	128	Resp:	1225
Ion Ratio	Lower	Upper	
128	100		
129	19.8	9.4	14.0#
127	22.5	10.3	15.5#

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#7

Acenaphthylene

Concen: 0.271 ng/ul

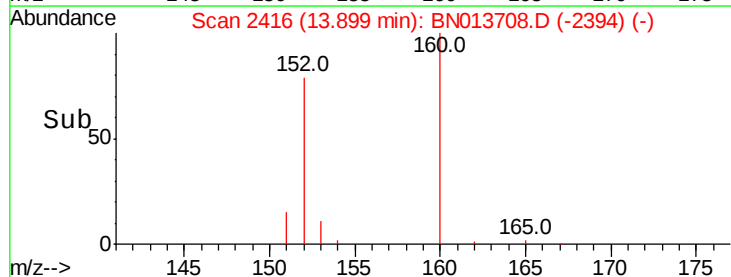
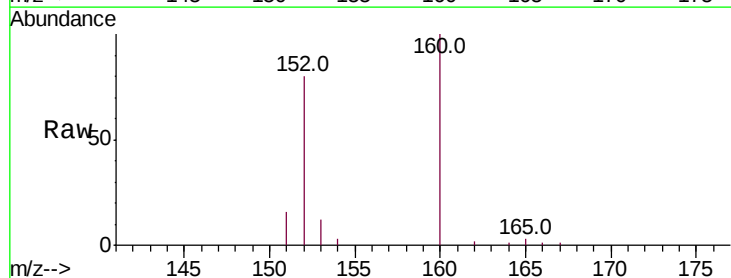
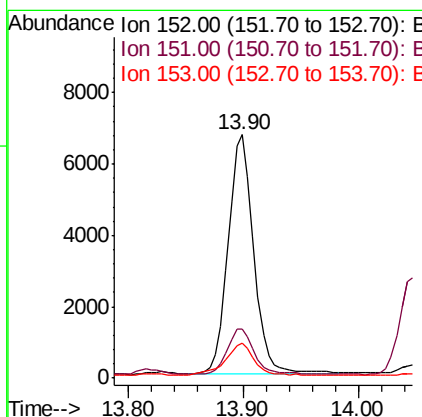
RT: 13.90 min Scan# 2416

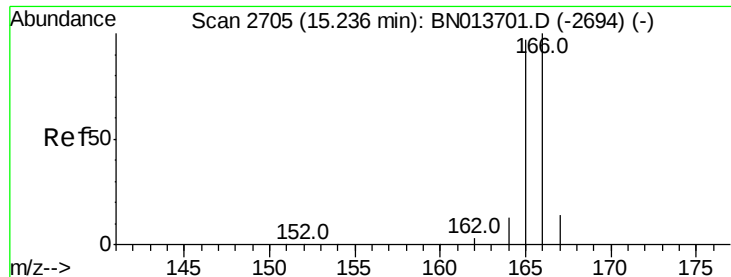
Delta R.T. -0.00 min

Lab File: BN013708.D

Acq: 21 Feb 2021 03:42

Tgt Ion:	152	Resp:	10380
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.6	23.4
153	14.4	11.1	16.7





#9

Fluorene

Concen: 0.039 ng/ul

RT: 15.24 min Scan# 2705

Delta R.T. -0.00 min

Lab File: BN013708.D

Acq: 21 Feb 2021 03:42

Instrument :

BNA_N

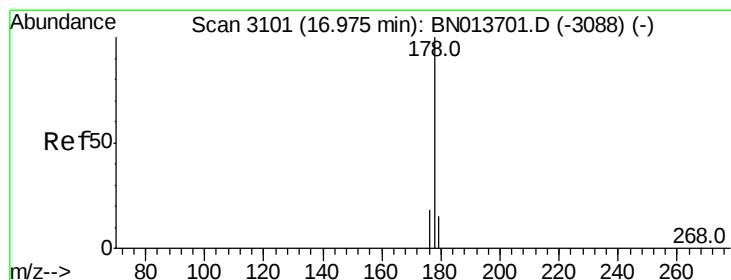
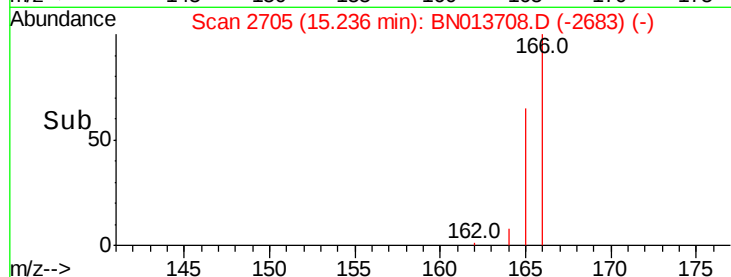
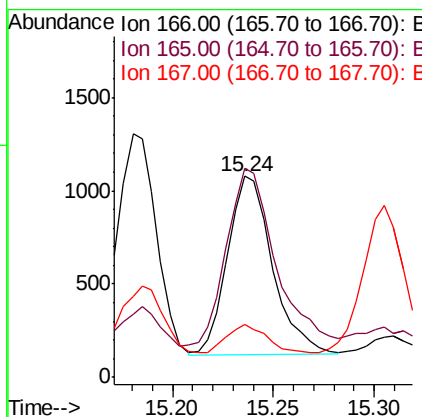
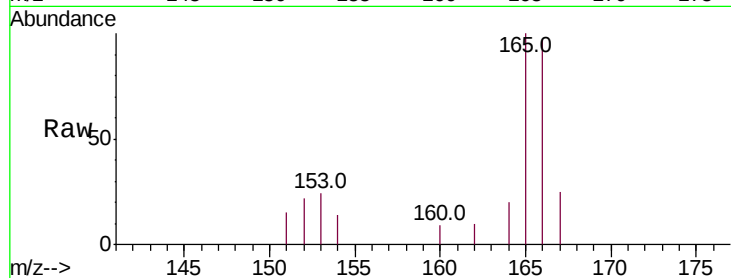
ClientSampleId :

DBH25

Tot Ion:	166	Resp:	1484
Ion	Ratio	Lower	Upper
166	100		
165	103.6	77.8	116.8
167	26.1	11.0	16.6#

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#12

Phenanthrene

Concen: 0.237 ng/ul

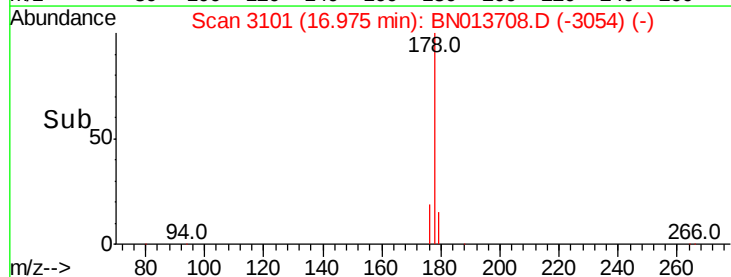
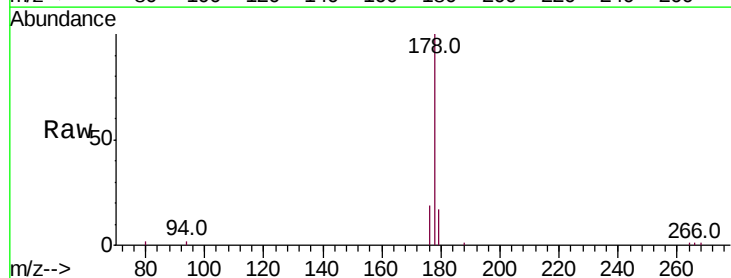
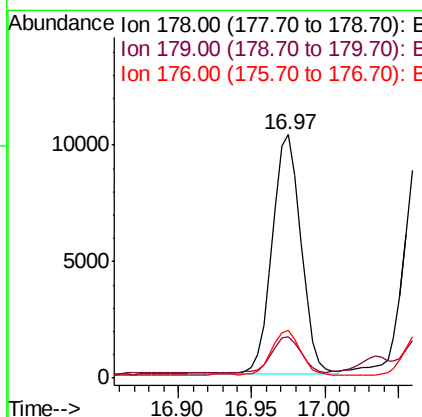
RT: 16.97 min Scan# 3101

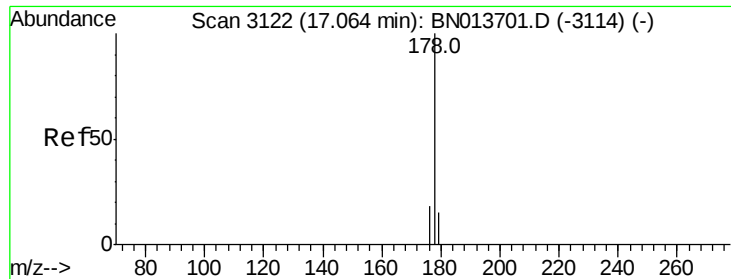
Delta R.T. -0.00 min

Lab File: BN013708.D

Acq: 21 Feb 2021 03:42

Tgt Ion:	178	Resp:	13942
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.5	18.7
176	19.4	15.1	22.7





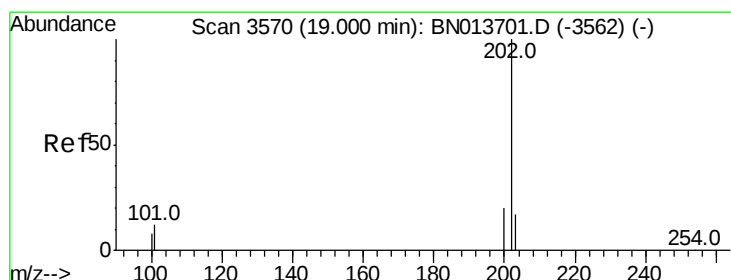
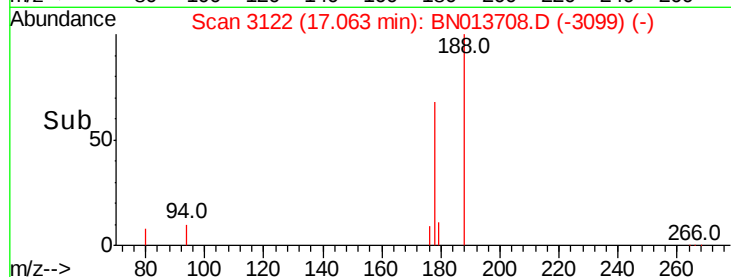
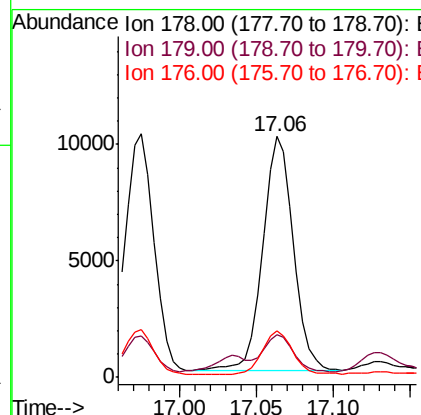
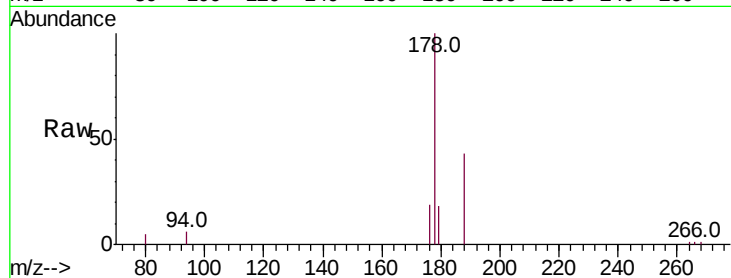
#13
 Anthracene
 Concen: 0.269 ng/ul
 RT: 17.06 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BN013708.D
 Acq: 21 Feb 2021 03:42

Instrument :
 BNA_N
 ClientSampled :
 DBH25

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.8	19.2
176	19.1	14.6	22.0

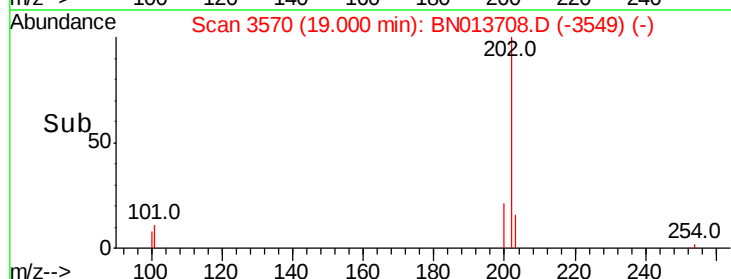
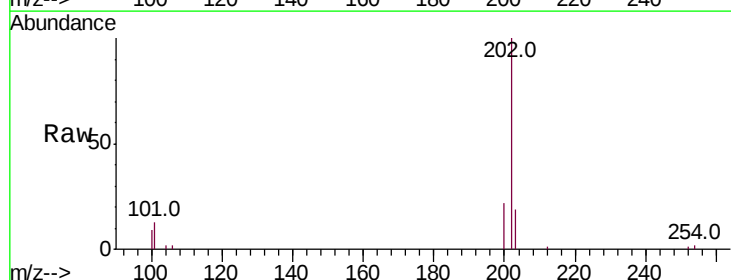
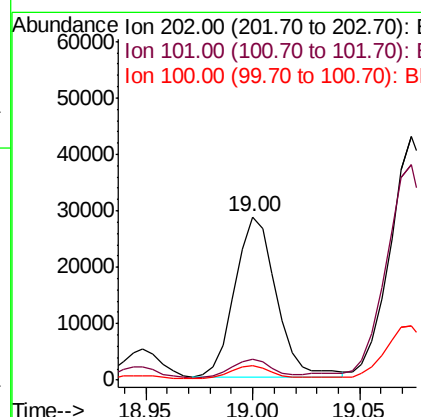
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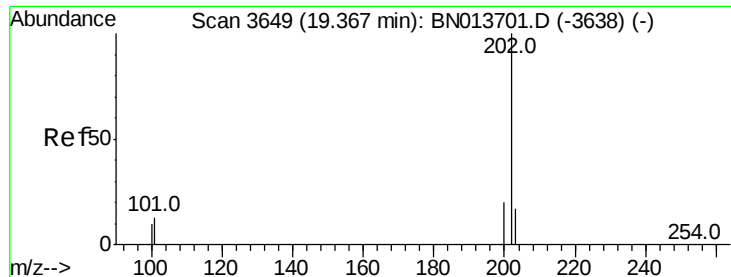
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#15
 Fluoranthene
 Concen: 0.565 ng/ul
 RT: 19.00 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: BN013708.D
 Acq: 21 Feb 2021 03:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.9
100	9.0	0.0	29.1





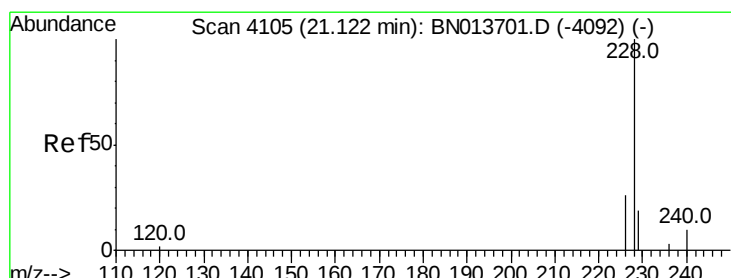
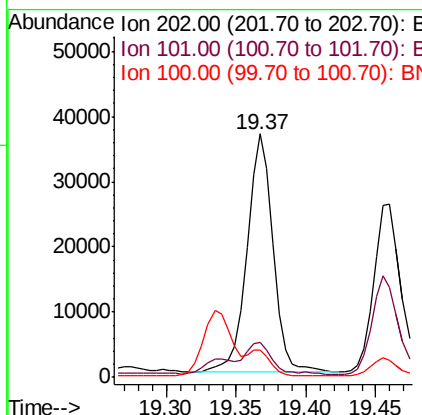
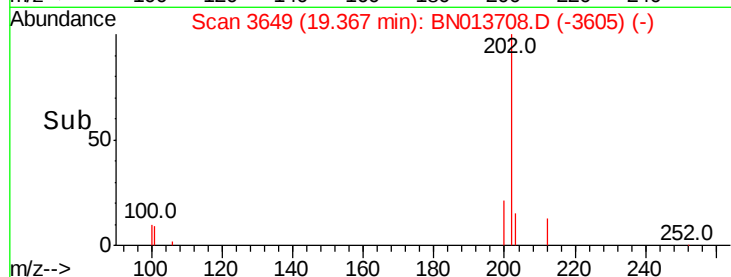
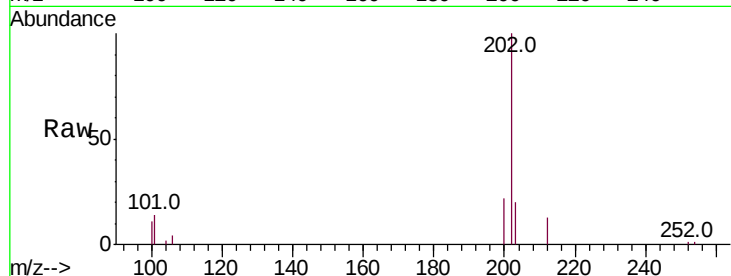
#17
Pvrene
Concen: 0.490 ng/ul
RT: 19.37 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BN013708.D
Acq: 21 Feb 2021 03:42

Instrument :
BNA_N
ClientSampleId :
DBH25

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.5	17.3
100	11.0	9.3	13.9

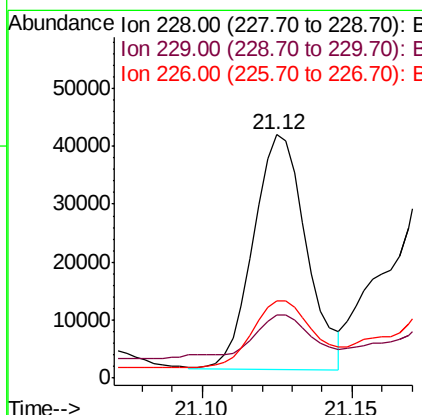
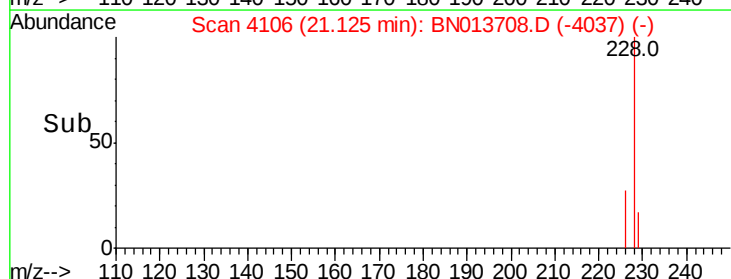
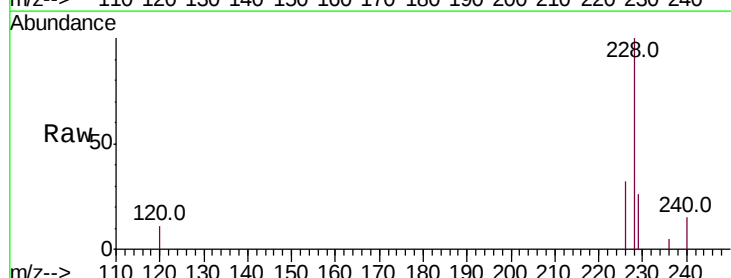
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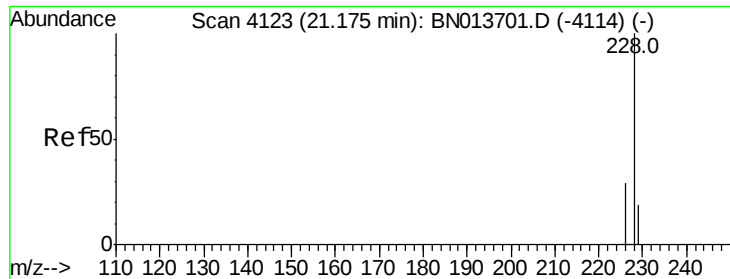
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#18
Benzo(a)anthracene
Concen: 0.562 ng/ul
RT: 21.12 min Scan# 4106
Delta R.T. 0.00 min
Lab File: BN013708.D
Acq: 21 Feb 2021 03:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.9	15.8	23.8#
226	31.6	21.5	32.3





#19

Chrysene

Concen: 0.649 ng/ul

RT: 21.18 min Scan# 4124

Delta R.T. 0.00 min

Lab File: BN013708.D

Acq: 21 Feb 2021 03:42

Instrument :

BNA_N

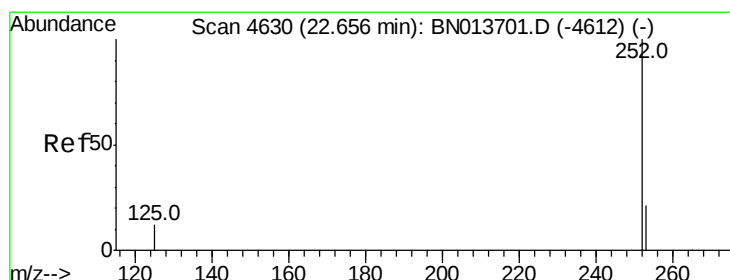
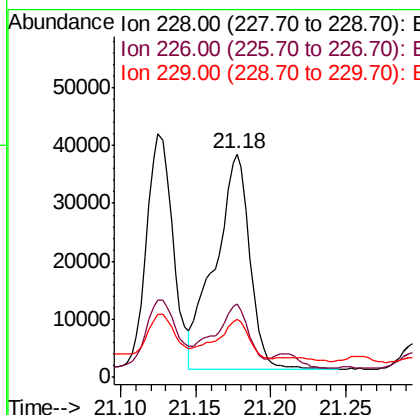
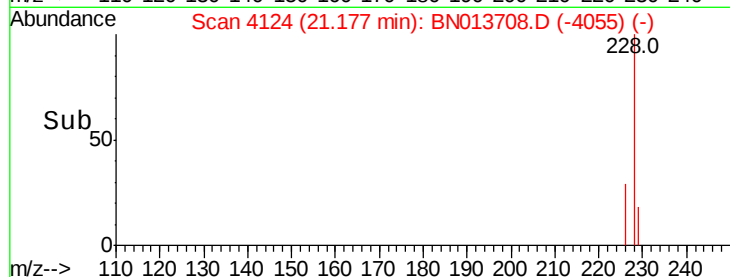
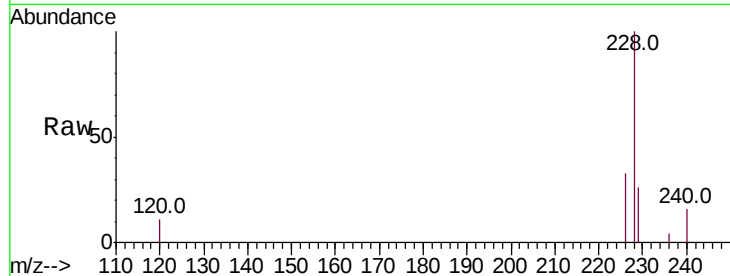
ClientSampled :

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Tot Ion:	228	Resp:	59503
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.0	36.0
229	25.8	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 1.683 ng/ul m

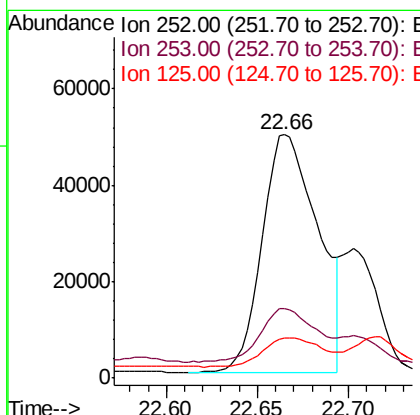
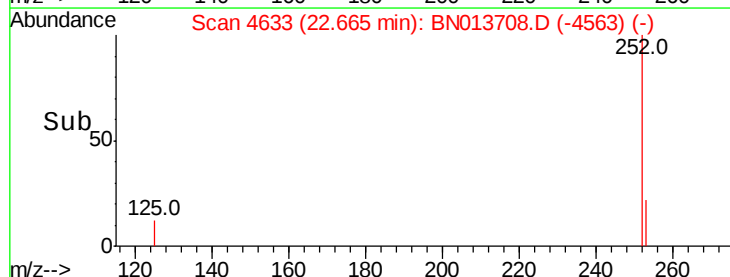
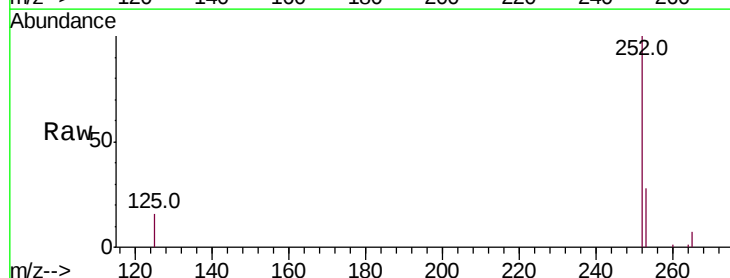
RT: 22.66 min Scan# 4633

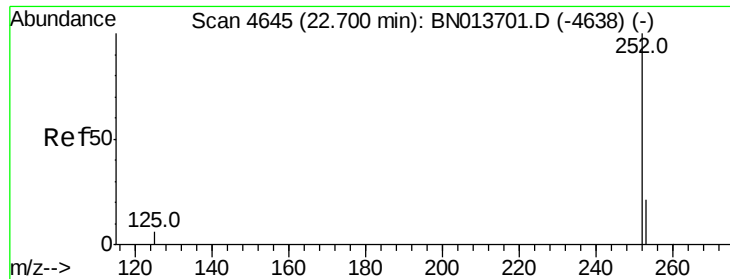
Delta R.T. 0.01 min

Lab File: BN013708.D

Acq: 21 Feb 2021 03:42

Tgt Ion:	252	Resp:	105474
Ion Ratio	Lower	Upper	
252	100		
253	28.5	0.0	55.4
125	16.3	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.537 ng/ul m

RT: 22.70 min Scan# 4646

Delta R.T. 0.00 min

Lab File: BN013708.D

Acq: 21 Feb 2021 03:42

Instrument :

BNA_N

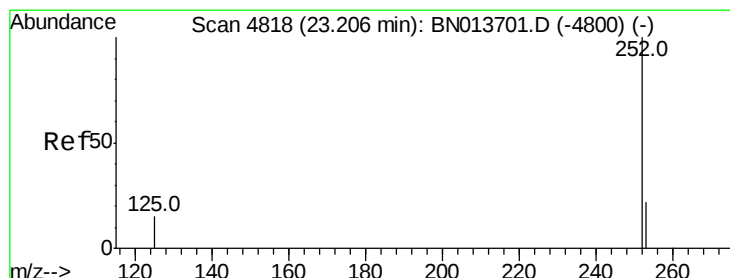
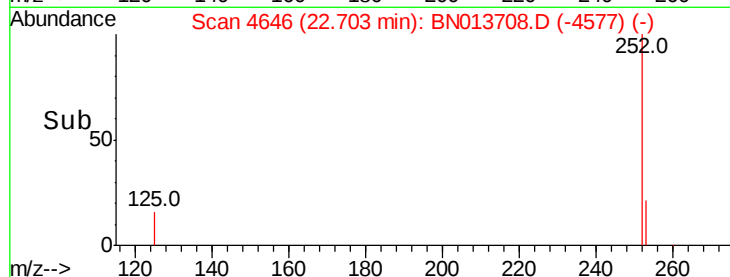
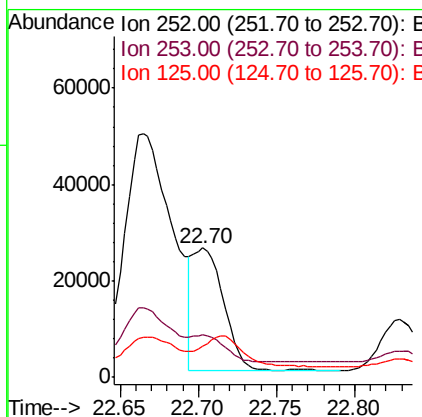
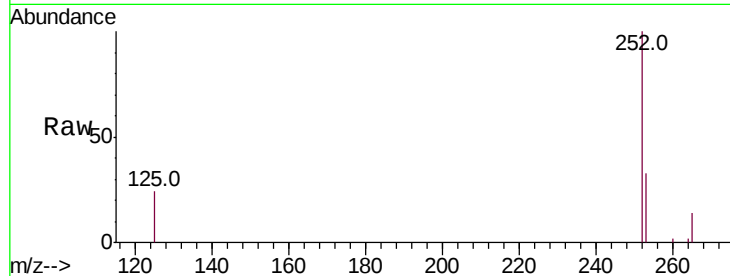
ClientSampleId :

DBH25

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.7	22.2	33.2
125	23.6	12.4	18.6

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#23

Benzo(a)pyrene

Concen: 0.955 ng/ul

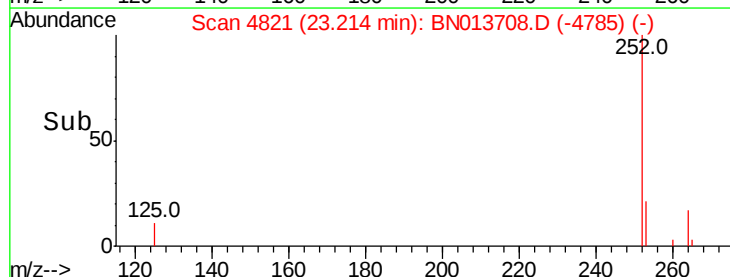
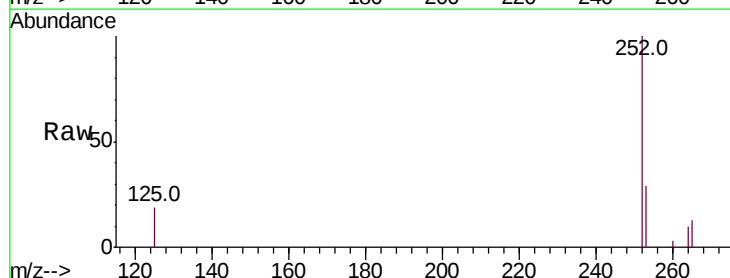
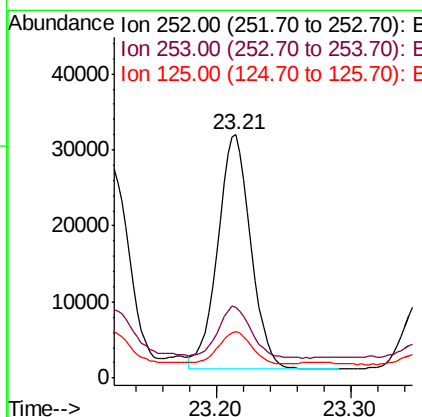
RT: 23.21 min Scan# 4821

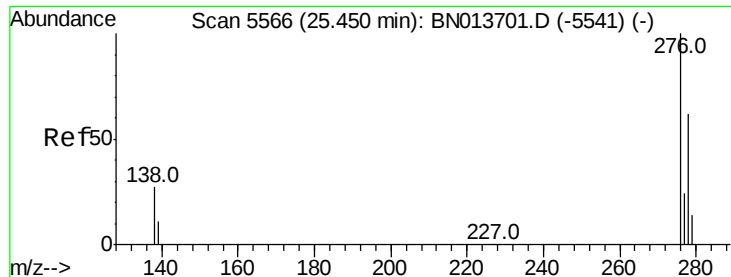
Delta R.T. 0.01 min

Lab File: BN013708.D

Acq: 21 Feb 2021 03:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	23.8	35.8
125	19.1	17.0	25.6





#24

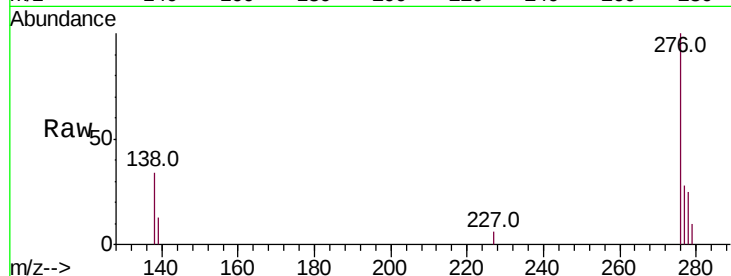
Indeno(1,2,3-cd)pyrene
Concen: 0.488 ng/ul
RT: 25.45 min Scan# 5567
Delta R.T. 0.00 min
Lab File: BN013708.D
Acq: 21 Feb 2021 03:42

Instrument :
BNA_N
ClientSampleId :
DBH25

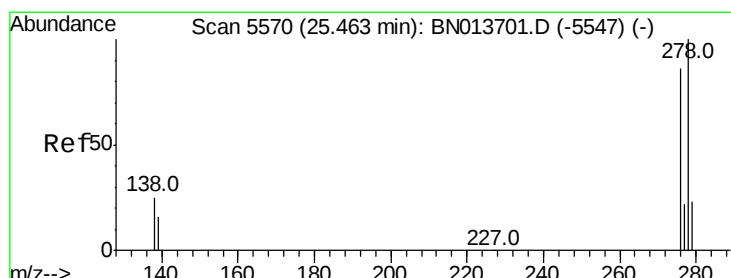
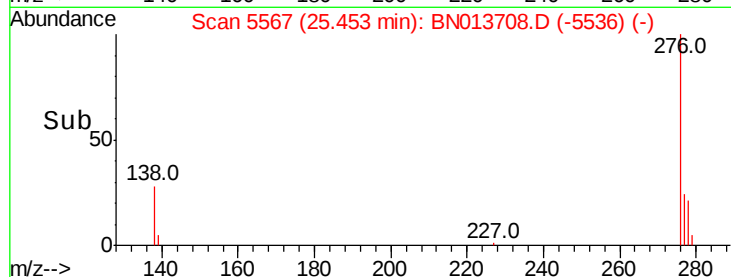
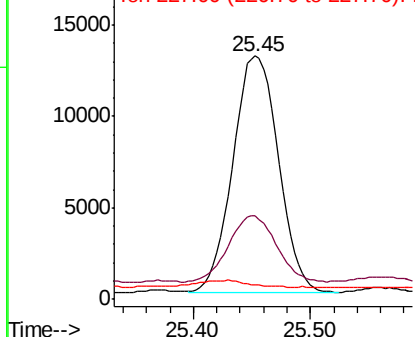
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	22.7	34.1
227	0.0	0.1	0.1#

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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

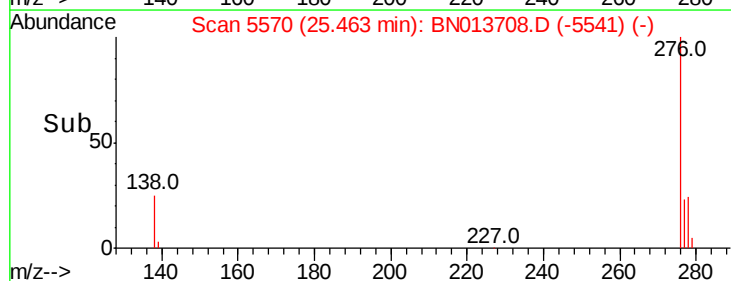
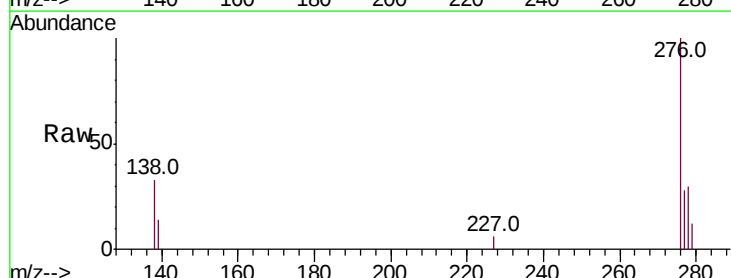
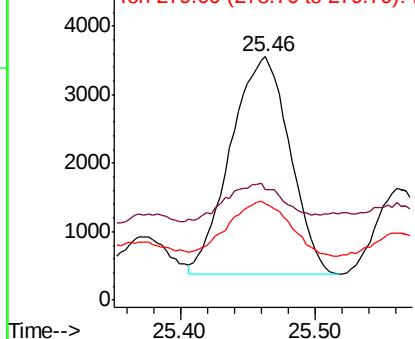


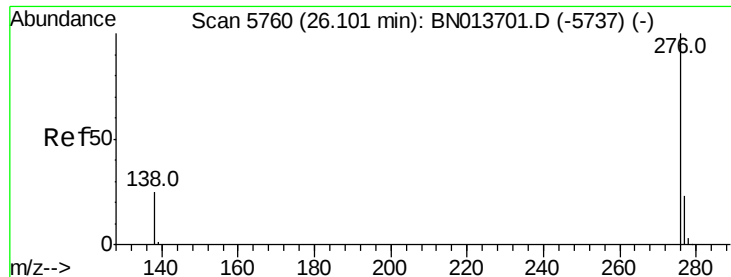
#25

Dibenzo(a,h)anthracene
Concen: 0.167 ng/ul
RT: 25.46 min Scan# 5570
Delta R.T. -0.00 min
Lab File: BN013708.D
Acq: 21 Feb 2021 03:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.4	17.6	26.4#
279	39.4	21.5	32.3#

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: 0.295 ng/ul
RT: 26.11 min Scan# 5762
Delta R.T. -0.00 min
Lab File: BN013708.D
Acq: 21 Feb 2021 03:42

Instrument :
BNA_N
ClientSampleId :
DBH25

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.7	21.0	31.4#
277	28.7	19.4	29.0

Manual Integrations
APPROVED

mohammad
2/22/2021 2:14:08 PM

