

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013006.D
 Acq On : 09 Dec 2020 10:50
 Operator : CG/JU
 Sample : L4942-05DL 5X
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B98DL

Manual Integrations
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 12/9/2020 5:39:22 PM

Quant Time: Dec 09 11:22:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 07:33:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1234	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5159	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2779	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5712	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4388	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4007	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	258	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	515	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	351	0.027	ng/ul#	65
12) Phenanthrene	16.85	178	3594	0.188	ng/ul	99
13) Anthracene	16.94	178	714	0.044	ng/ul#	88
15) Fluoranthene	18.88	202	14567	0.640	ng/ul	99
17) Pyrene	19.25	202	13839	0.668	ng/ul	98
18) Benzo(a)anthracene	21.02	228	7508	0.414	ng/ul	99
19) Chrysene	21.07	228	8692	0.433	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	11858m	0.640	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	4432m	0.216	ng/ul	
23) Benzo(a)pyrene	23.04	252	7825	0.455	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.18	276	5245	0.232	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	1250	0.070	ng/ul#	58
26) Benzo(g,h,i)perylene	25.81	276	4694	0.230	ng/ul	95

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

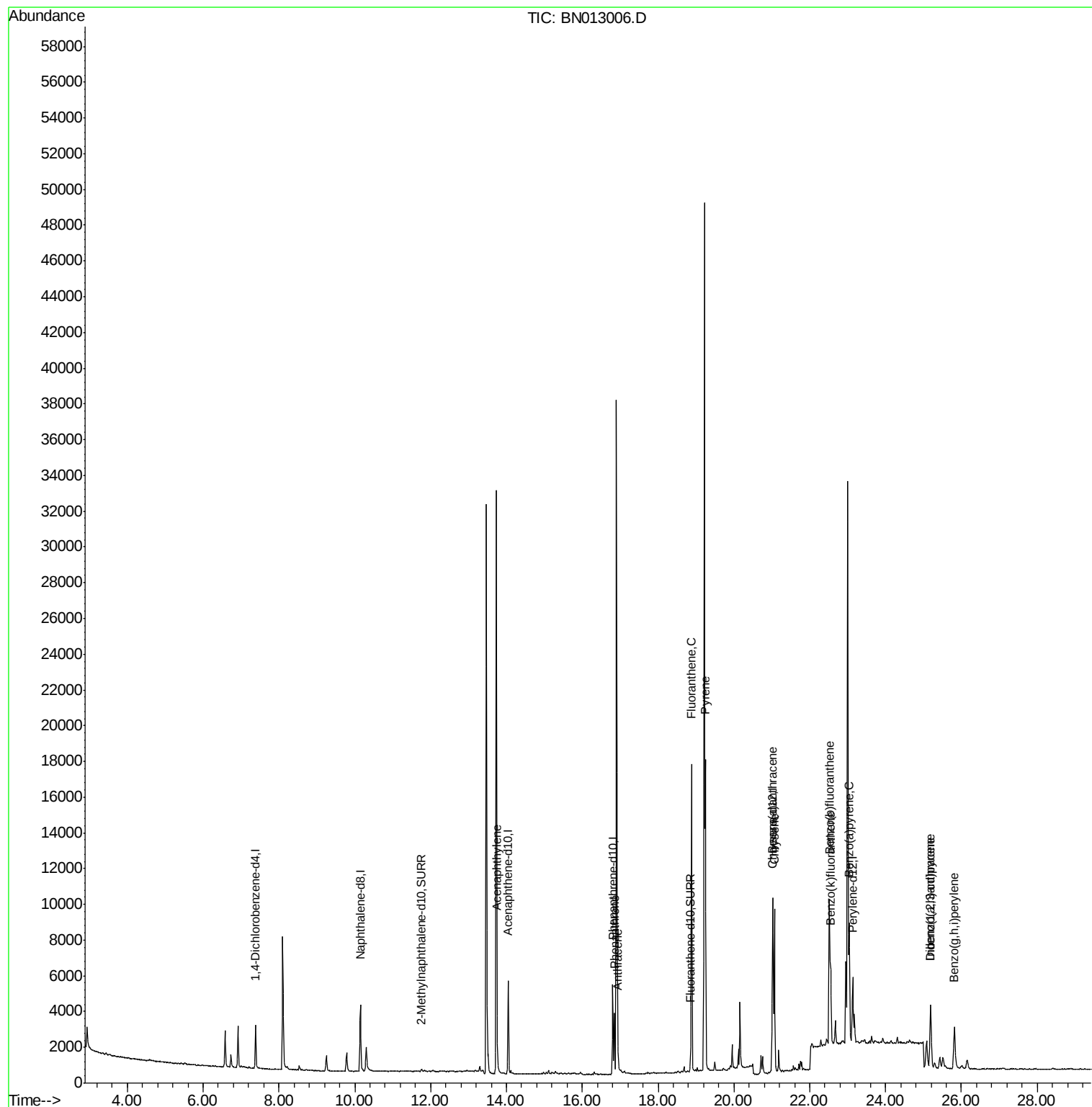
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013006.D
Acq On : 09 Dec 2020 10:50
Operator : CG/JU
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Misc :
ALS Vial : 76 Sample Multiplier: 1

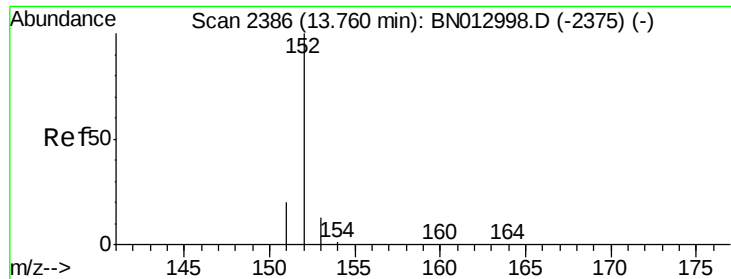
Instrument :
BNA_N
ClientSampleId :
C0B98DL

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Quant Time: Dec 09 11:22:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013006.D

Acq: 09 Dec 2020 10:50

Instrument :

BNA_N

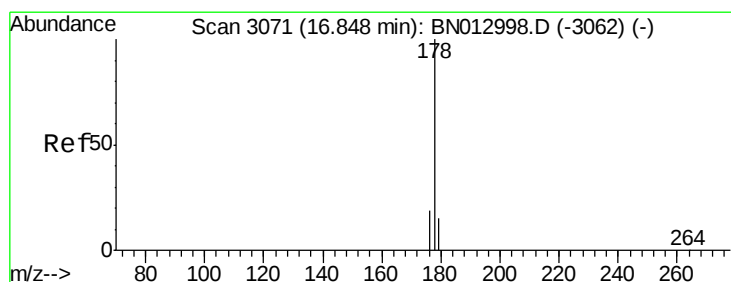
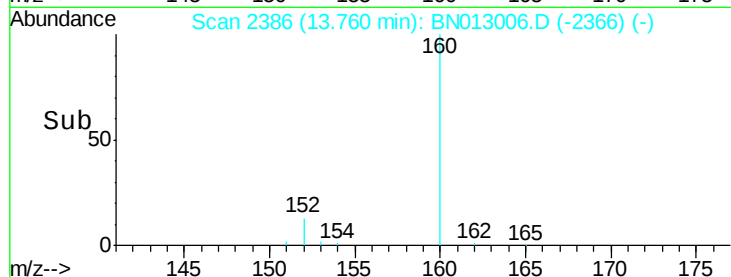
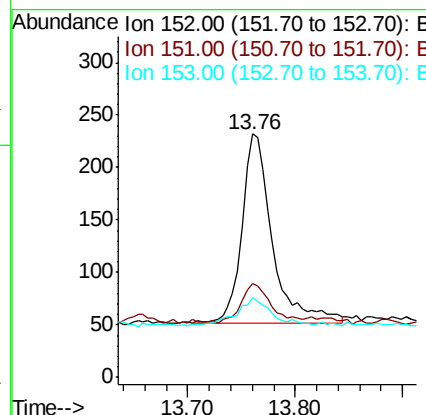
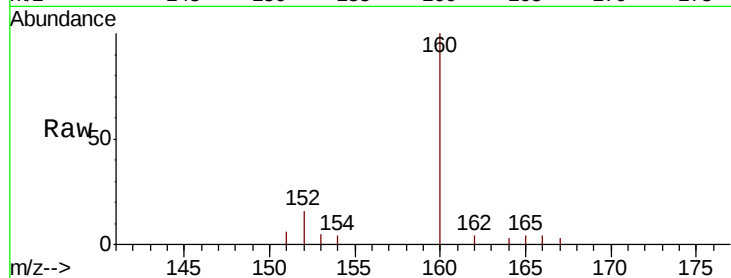
ClientSampleId :

C0B98DL

Tot Ion:	152	Resp:	351
Ion Ratio	Lower	Upper	
152	100		
151	38.8	18.2	27.4#
153	32.8	13.1	19.7#

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#12

Phenanthrene

Concen: 0.188 ng/ul

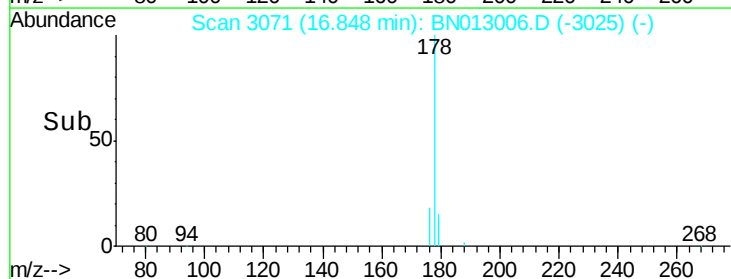
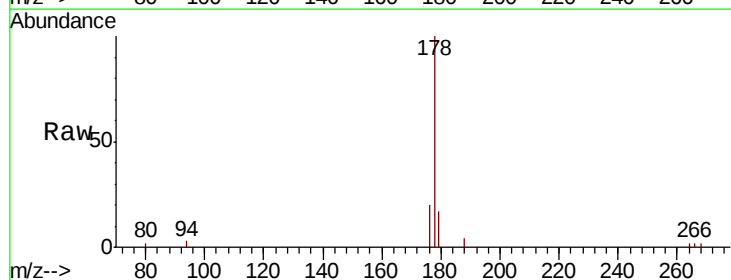
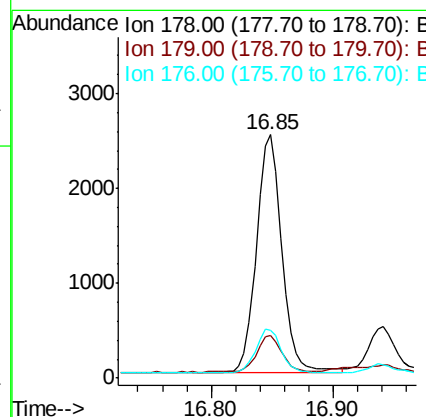
RT: 16.85 min Scan# 3071

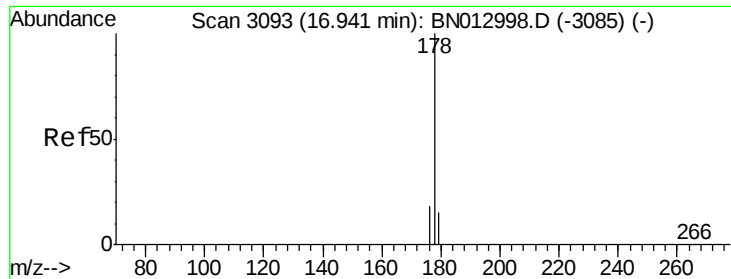
Delta R.T. -0.00 min

Lab File: BN013006.D

Acq: 09 Dec 2020 10:50

Tgt Ion:	178	Resp:	3594
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.6	20.4
176	19.9	16.4	24.6





#13

Anthracene

Concen: 0.044 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN013006.D

Acq: 09 Dec 2020 10:50

Instrument :

BNA_N

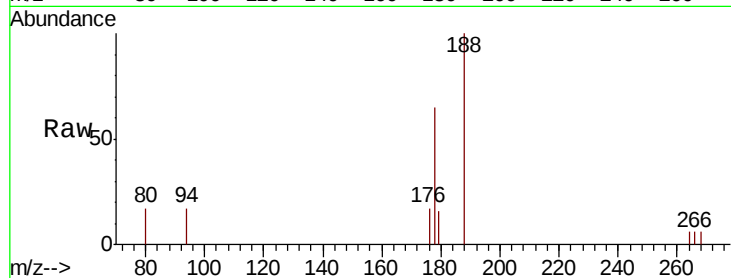
ClientSampleId :

C0B98DL

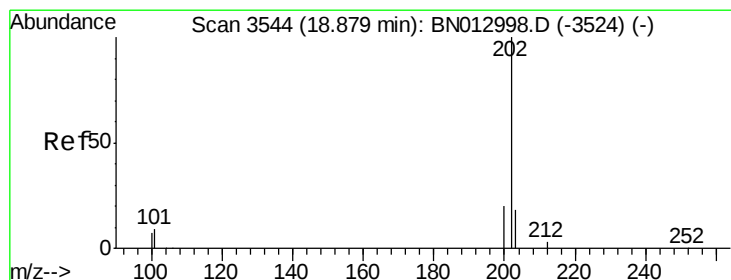
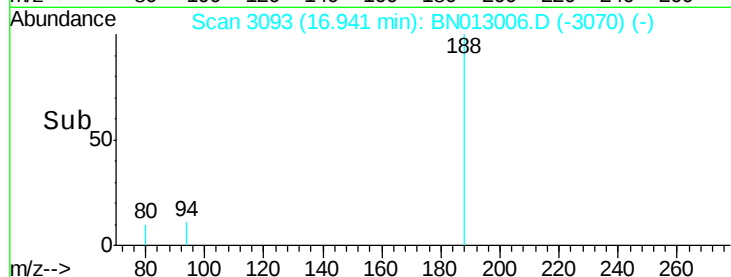
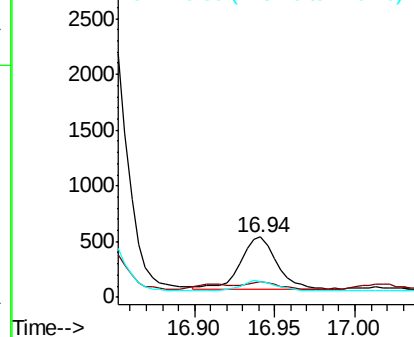
Tot Ion:	178	Resp:	714
Ion Ratio	Lower	Upper	
178	100		
179	25.2	14.6	21.8#
176	25.4	17.1	25.7

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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



#15

Fluoranthene

Concen: 0.640 ng/ul

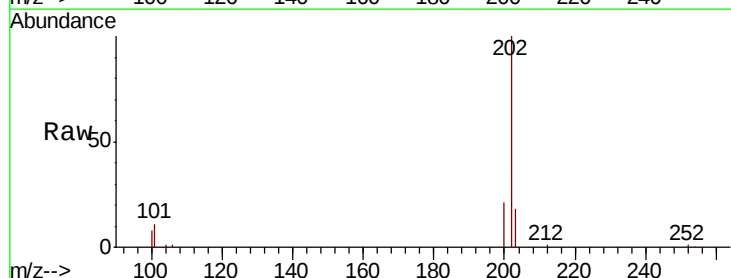
RT: 18.88 min Scan# 3544

Delta R.T. -0.00 min

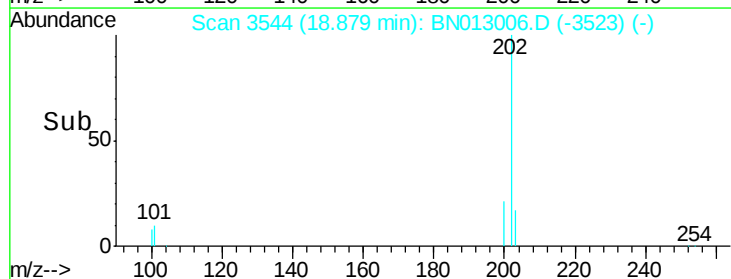
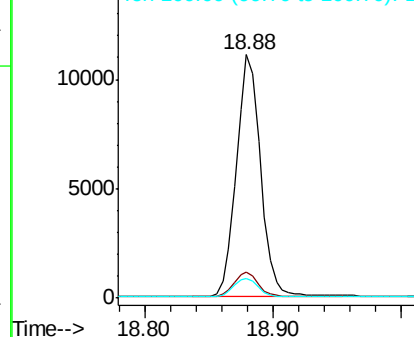
Lab File: BN013006.D

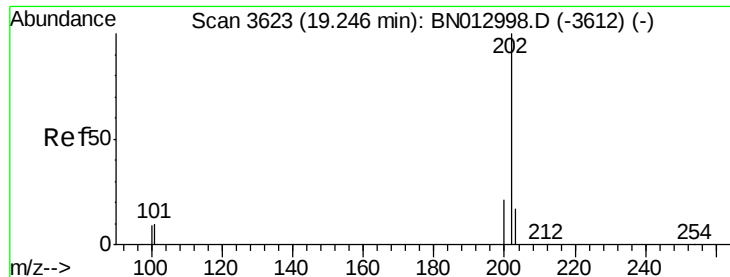
Acq: 09 Dec 2020 10:50

Tgt Ion:	202	Resp:	14567
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	30.6
100	8.1	0.0	28.7



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





#17

Pvrene

Concen: 0.668 ng/ul

RT: 19.25 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN013006.D

Acq: 09 Dec 2020 10:50

Instrument :

BNA_N

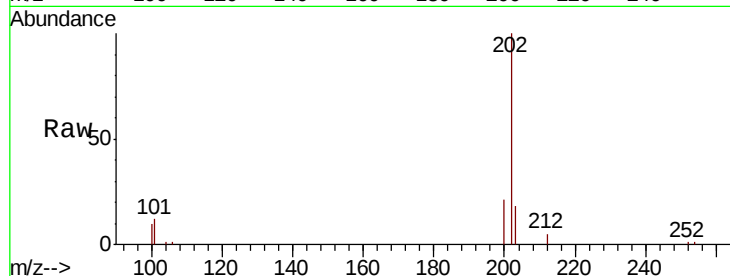
ClientSampleId :

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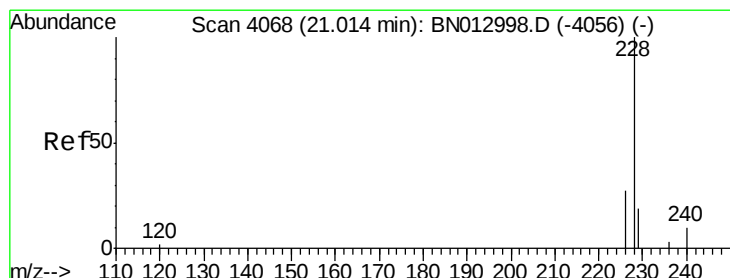
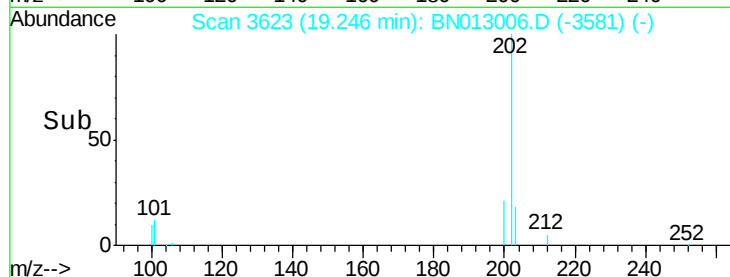
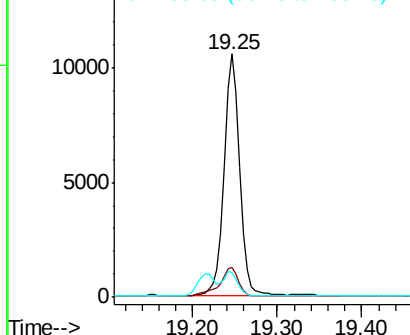
Tot Ion:	202	Resp:	13839
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.1	13.7
100	10.1	7.5	11.3

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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



#18

Benzo(a)anthracene

Concen: 0.414 ng/ul

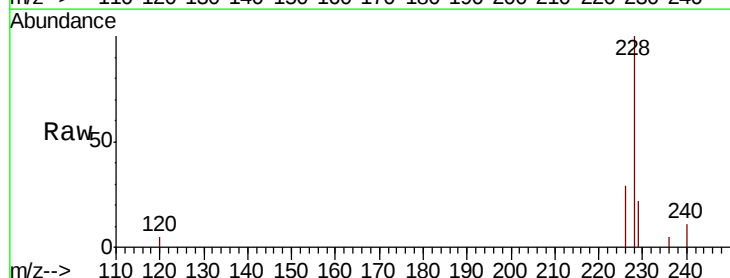
RT: 21.02 min Scan# 4069

Delta R.T. -0.00 min

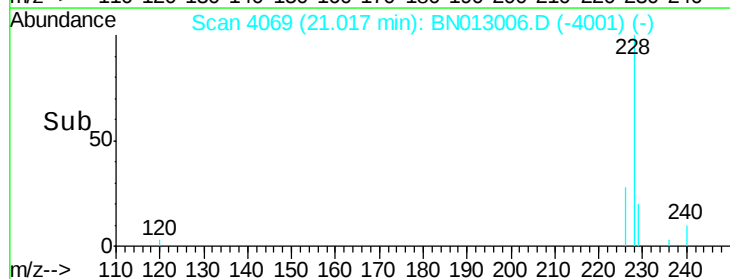
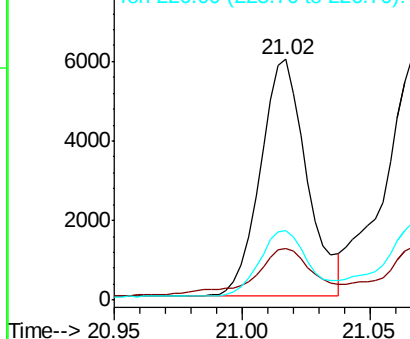
Lab File: BN013006.D

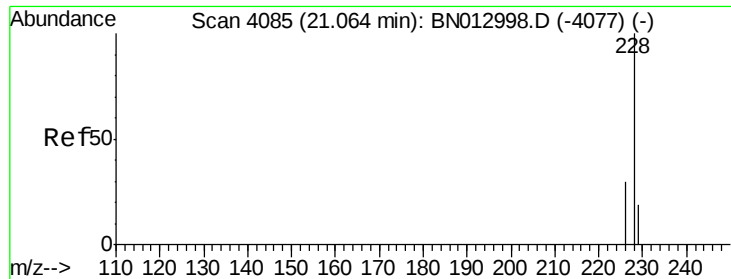
Acq: 09 Dec 2020 10:50

Tgt Ion:	228	Resp:	7508
Ion Ratio	Lower	Upper	
228	100		
229	21.6	16.3	24.5
226	29.0	23.4	35.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.433 ng/ul

RT: 21.07 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BN013006.D

Acq: 09 Dec 2020 10:50

Instrument :

BNA_N

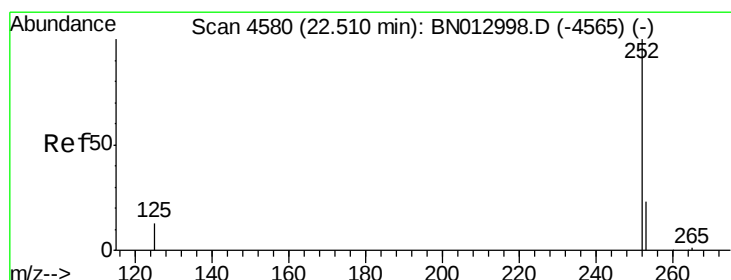
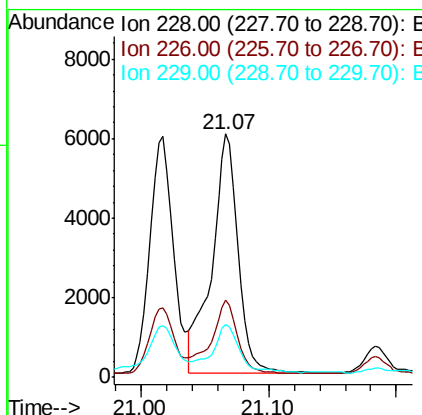
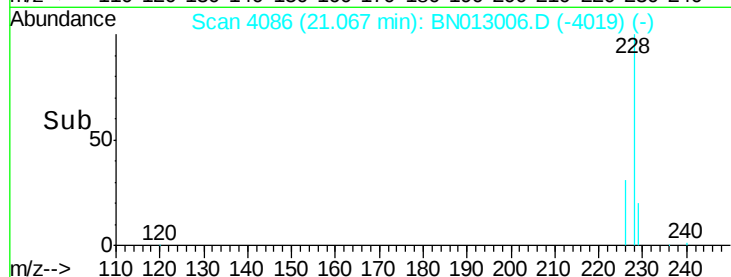
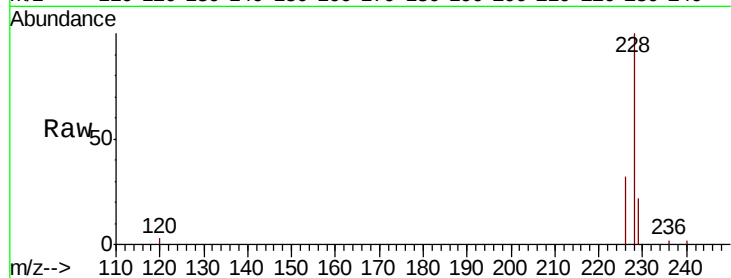
ClientSampleId :

C0B98DL

Tot Ion:	228	Resp:	8692
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.0	37.6
229	21.7	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 0.640 ng/ul m

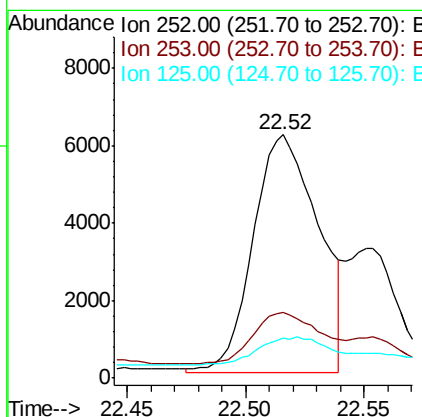
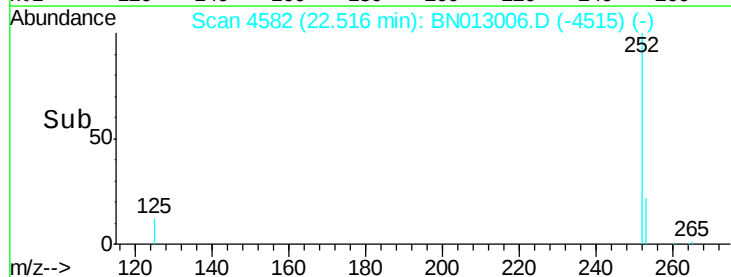
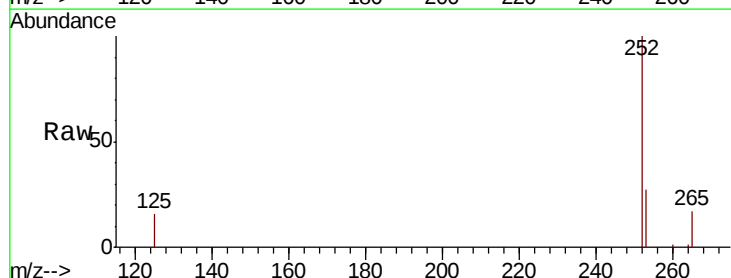
RT: 22.52 min Scan# 4582

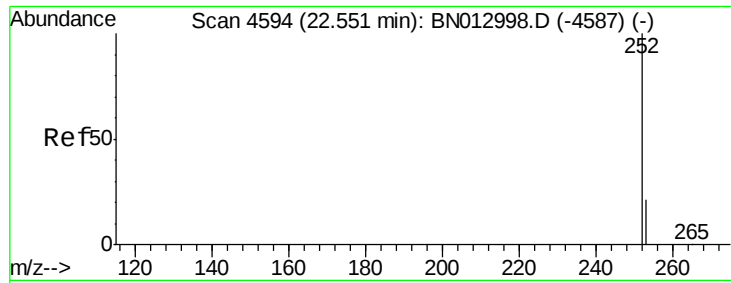
Delta R.T. -0.00 min

Lab File: BN013006.D

Acq: 09 Dec 2020 10:50

Tgt Ion:	252	Resp:	11858
Ion Ratio	Lower	Upper	
252	100		
253	27.2	0.0	59.6
125	16.3	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.216 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BN013006.D

Acq: 09 Dec 2020 10:50

Instrument :

BNA_N

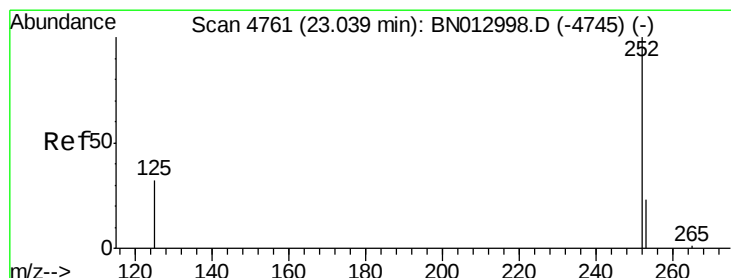
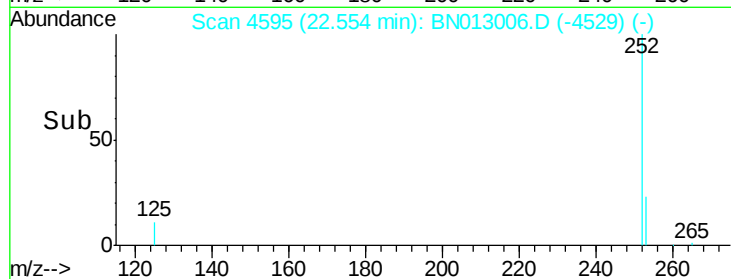
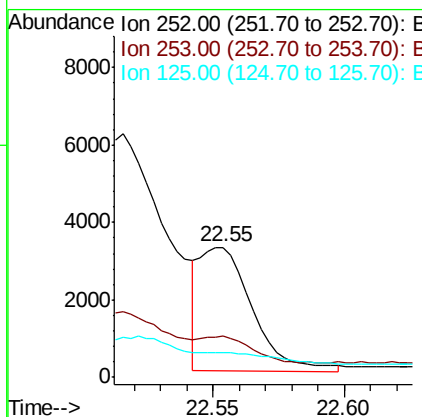
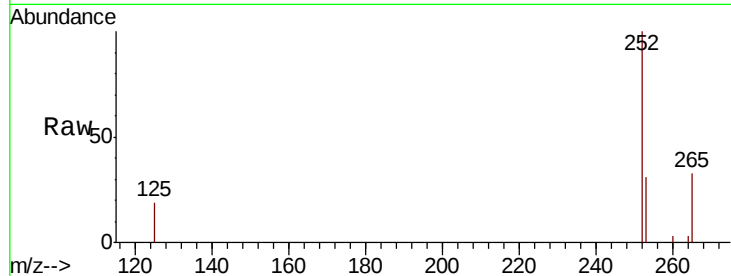
ClientSampleId :

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Tot Ion:	252	Resp:	4432
Ion Ratio	Lower	Upper	
252	100		
253	31.5	23.4	35.2
125	19.2	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.455 ng/ul

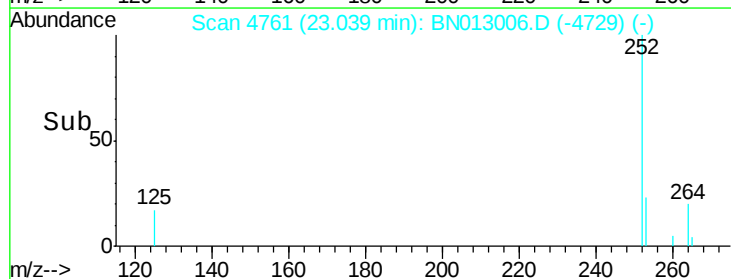
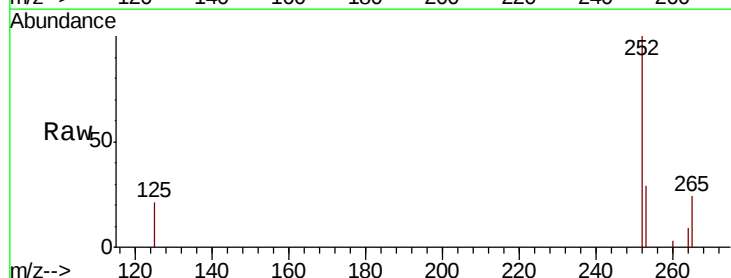
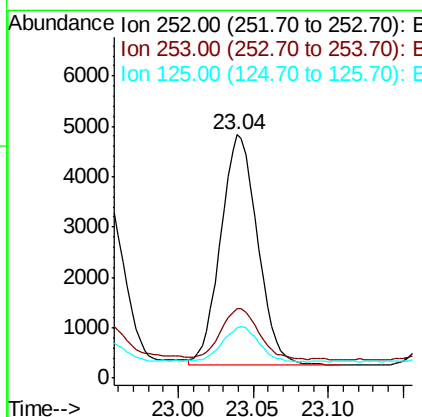
RT: 23.04 min Scan# 4761

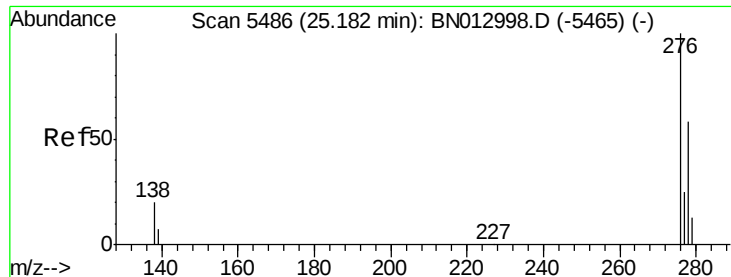
Delta R.T. -0.01 min

Lab File: BN013006.D

Acq: 09 Dec 2020 10:50

Tgt Ion:	252	Resp:	7825
Ion Ratio	Lower	Upper	
252	100		
253	28.5	26.5	39.7
125	20.6	14.2	21.2





#24

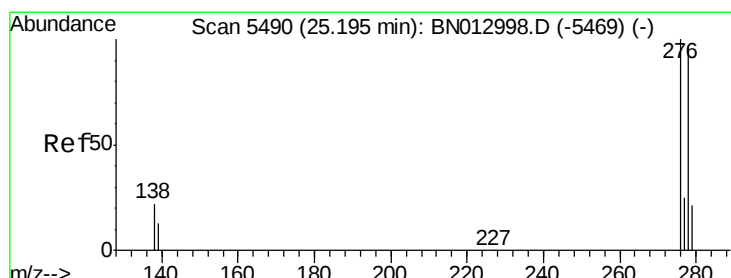
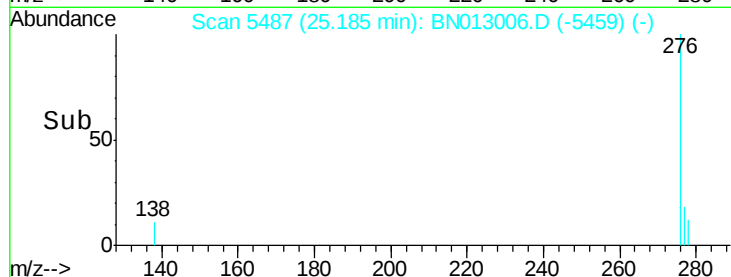
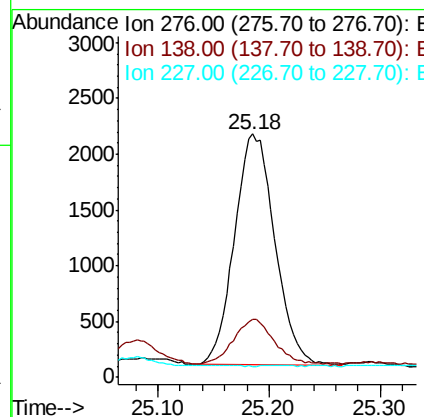
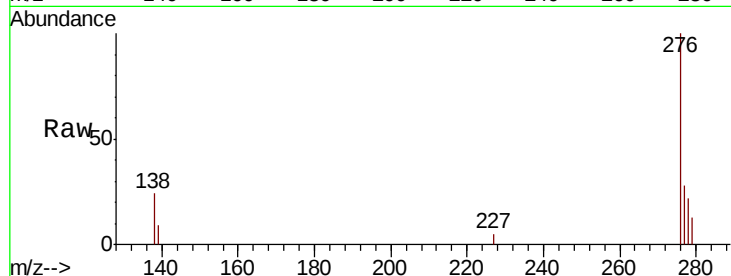
Indeno(1,2,3-cd)pyrene
Concen: 0.232 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN013006.D
Acq: 09 Dec 2020 10:50

Instrument :
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C0B98DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.1	0.0	0.0

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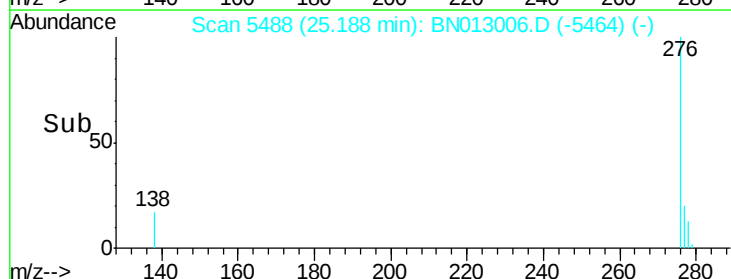
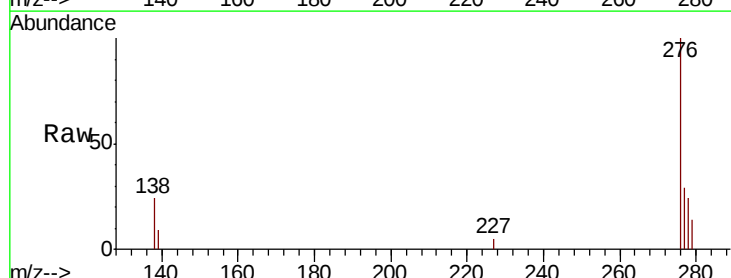
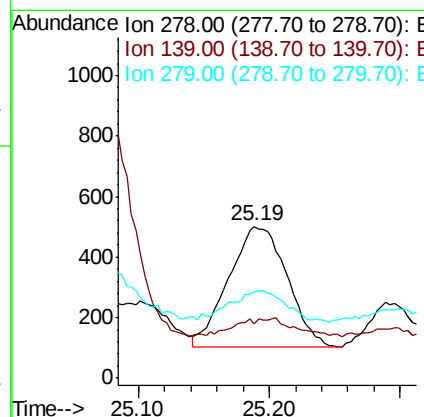
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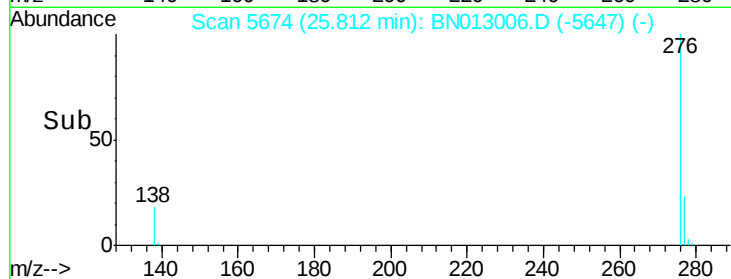
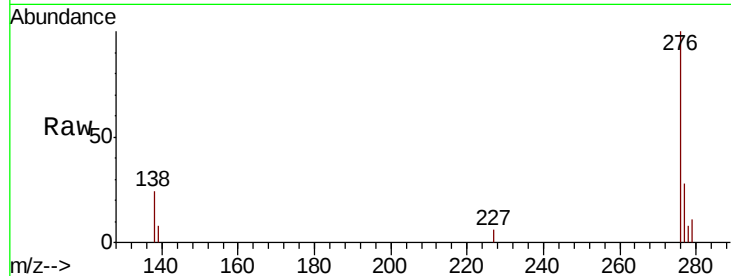
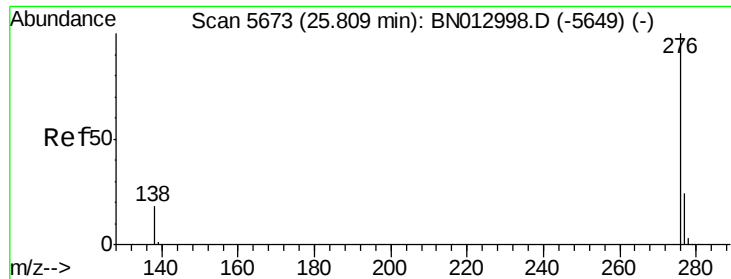


#25

Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.02 min
Lab File: BN013006.D
Acq: 09 Dec 2020 10:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.9	14.5	21.7
279	57.3	26.3	39.5





#26

Benzo(a,h,i)perylene

Concen: 0.230 ng/ul

RT: 25.81 min Scan# 5674

Delta R.T. -0.01 min

Lab File: BN013006.D

Acq: 09 Dec 2020 10:50

Tot Ion:	276	Resp:	4694
Ion Ratio	Lower	Upper	
276	100		
138	24.3	16.3	24.5
277	28.2	21.8	32.6

Instrument :

BNA_N

ClientSampleId :

C0B98DL

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