

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
 Data File : BN003402.D
 Acq On : 02 Nov 2018 14:15
 Operator : MJ/SJ
 Sample : J5704-25MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40K3MS

Manual Integrations
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Sohil
 11/5/2018 4:09:08 PM

Quant Time: Nov 02 22:44:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 02 23:13:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10673	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	43733	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	23572	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	51948	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	37051	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	37423	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	15744	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	32496	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.70	128	5861	0.048	ng/ul#	95
5) 2-Methylnaphthalene	12.31	142	5597	0.063	ng/ul	98
7) Acenaphthylene	14.21	152	4883	0.048	ng/ul#	86
8) Acenaphthene	14.55	153	42332	0.463	ng/ul	99
9) Fluorene	15.54	166	32930	0.306	ng/ul	99
11) Pentachlorophenol	16.87	266	5131	0.493	ng/ul	99
12) Phenanthrene	17.27	178	654498	3.842	ng/ul	99
13) Anthracene	17.36	178	124390	0.896	ng/ul	100
15) Fluoranthene	19.29	202	1213844	6.339	ng/ul	99
17) Pyrene	19.65	202	1049268	7.785	ng/ul	100
18) Benzo(a)anthracene	21.40	228	483164	4.159	ng/ul	98
19) Chrysene	21.45	228	508117	3.849	ng/ul	97
21) Benzo(b)fluoranthene	23.03	252	536788m	3.329	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	182619m	1.169	ng/ul	
23) Benzo(a)pyrene	23.62	252	358741	2.664	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.08	276	220127	1.527	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.09	278	66468	0.566	ng/ul#	88
26) Benzo(g,h,i)perylene	26.81	276	165326	1.337	ng/ul	98

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

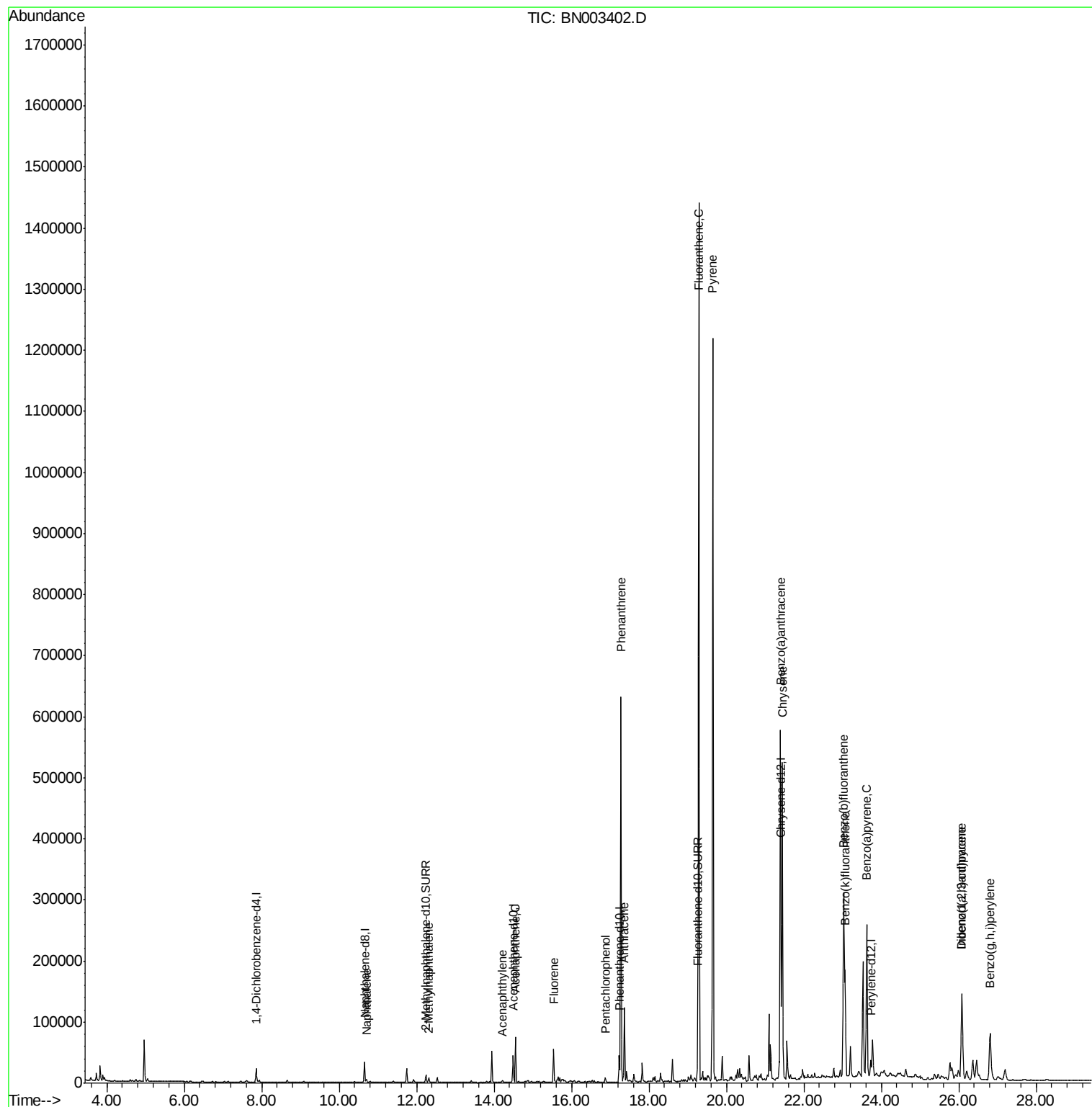
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
Data File : BN003402.D
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Sample : J5704-25MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

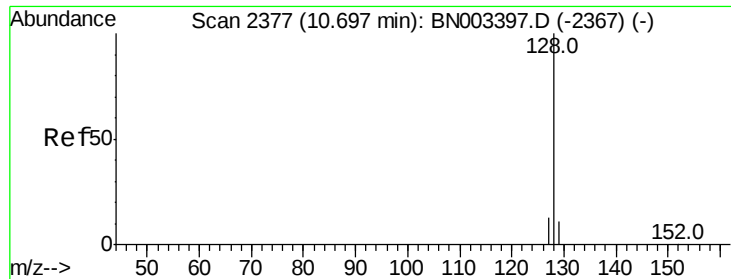
Instrument :
BNA_N
ClientSampleId :
A40K3MS

Manual Integrations
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Quant Time: Nov 02 22:44:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:13:48 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.048 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. 0.01 min

Lab File: BN003402.D

Acq: 02 Nov 2018 14:15

Instrument :

BNA_N

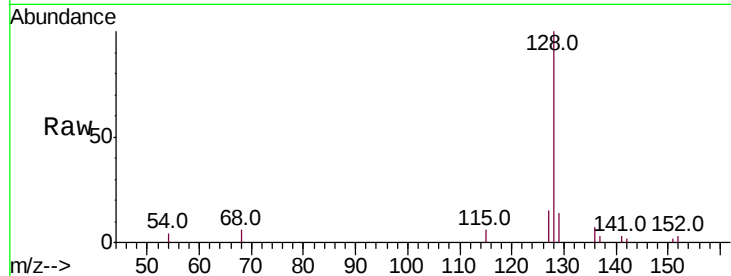
ClientSampleId :

A40K3MS

Tot Ion:	128	Resp:	5861
Ion Ratio	Lower	Upper	
128	100		
129	13.9	9.0	13.6#
127	14.8	10.5	15.7

Manual Integrations
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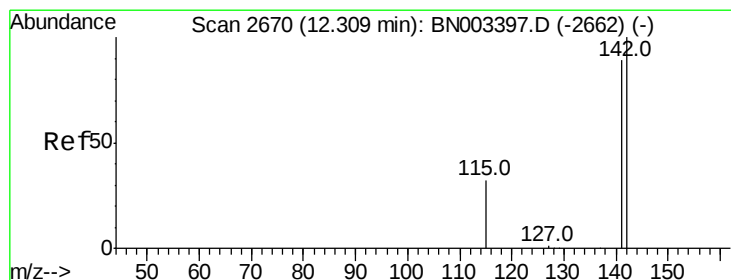
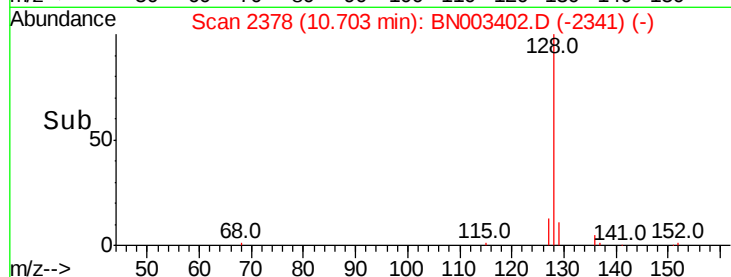
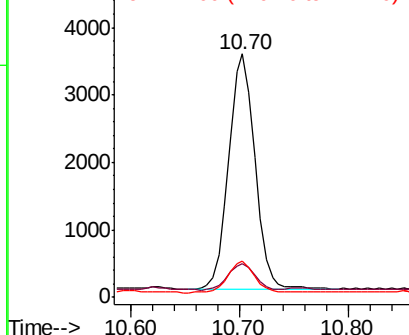


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.063 ng/ul

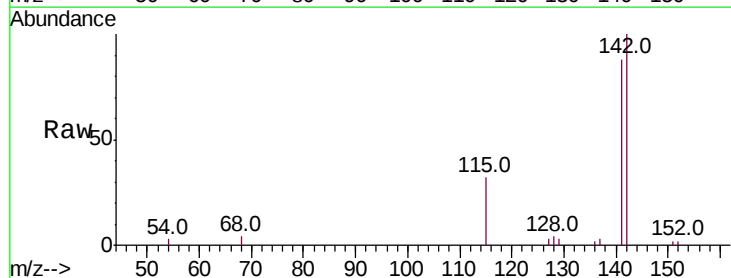
RT: 12.31 min Scan# 2671

Delta R.T. 0.01 min

Lab File: BN003402.D

Acq: 02 Nov 2018 14:15

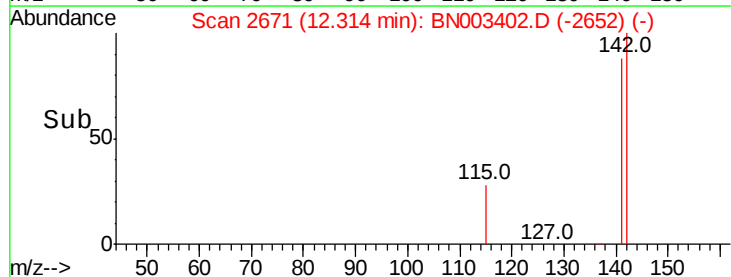
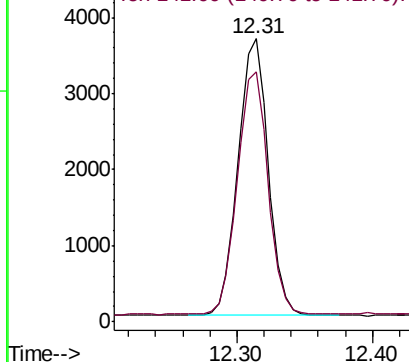
Tgt Ion:	142	Resp:	5597
Ion Ratio	Lower	Upper	
142	100		
141	90.7	71.2	106.8

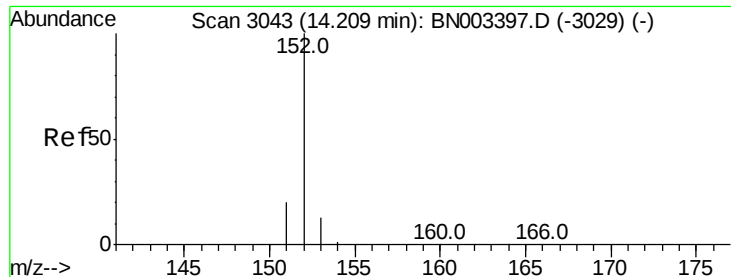


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BN003402.D

Acq: 02 Nov 2018 14:15

Instrument :

BNA_N

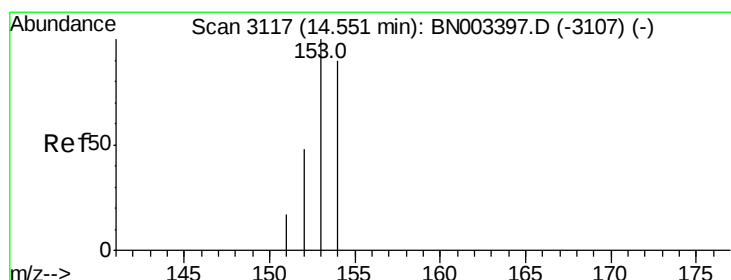
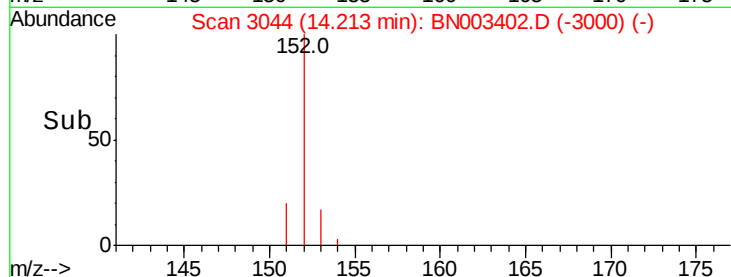
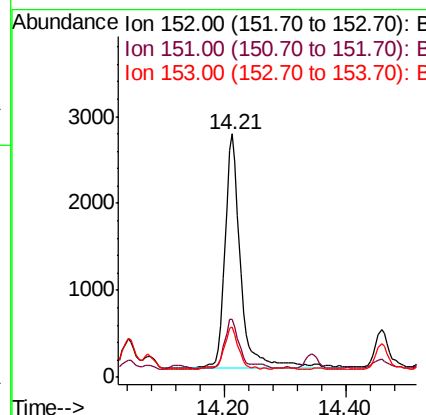
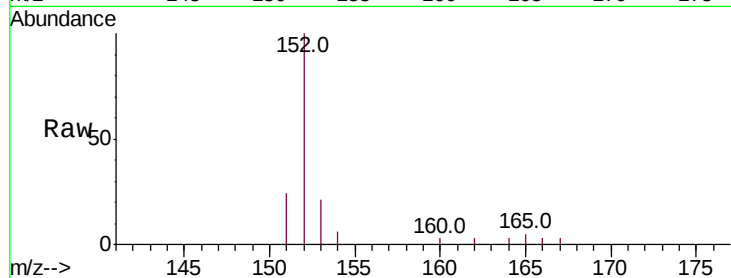
ClientSampleId :

A40K3MS

Tot Ion:	152	Resp:	4883
Ion Ratio	Lower	Upper	
152	100		
151	24.1	15.6	23.4#
153	20.6	10.4	15.6#

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#8

Acenaphthene

Concen: 0.463 ng/ul

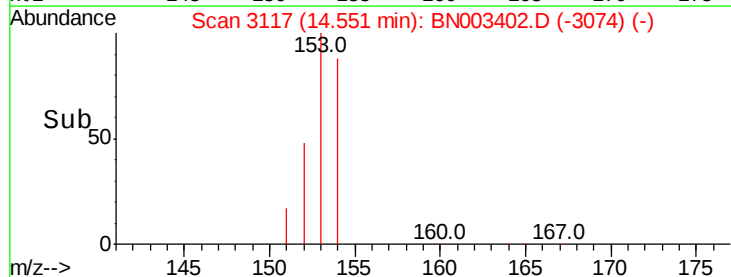
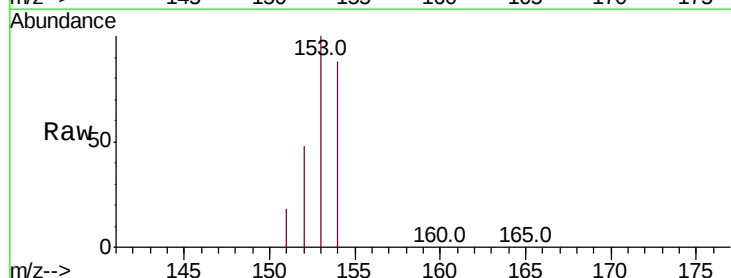
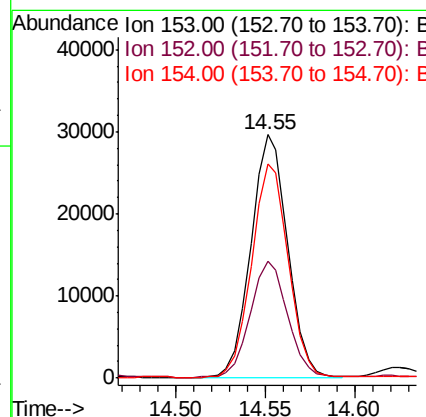
RT: 14.55 min Scan# 3117

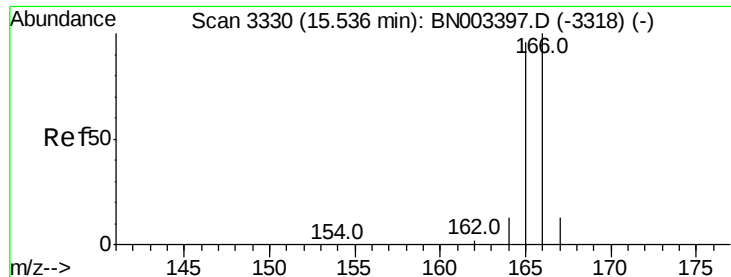
Delta R.T. 0.00 min

Lab File: BN003402.D

Acq: 02 Nov 2018 14:15

Tgt Ion:	153	Resp:	42332
Ion Ratio	Lower	Upper	
153	100		
152	47.8	39.5	59.3
154	88.0	70.3	105.5





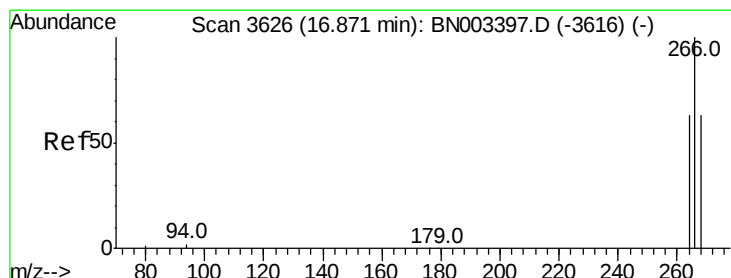
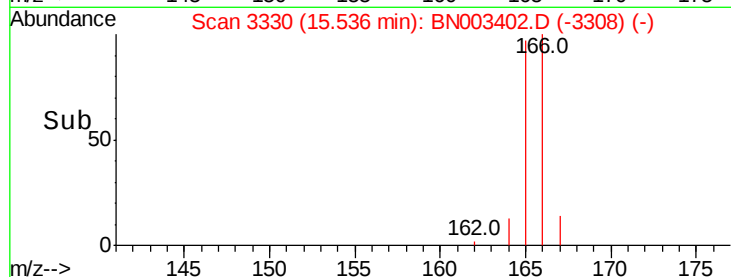
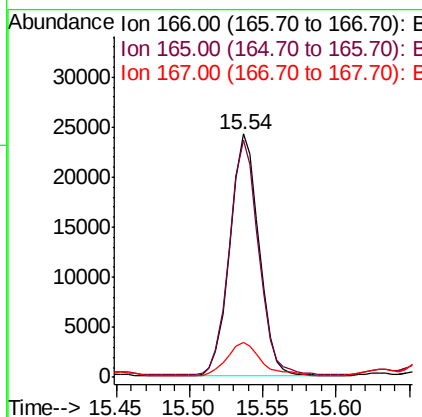
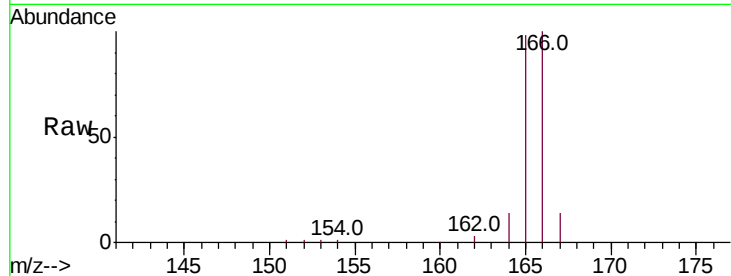
#9
Fluorene
 Concen: 0.306 ng/ul
 RT: 15.54 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: BN003402.D
 Acq: 02 Nov 2018 14:15

Instrument :
 BNA_N
 ClientSampleId :
 A40K3MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.3	117.5
167	14.4	10.8	16.2

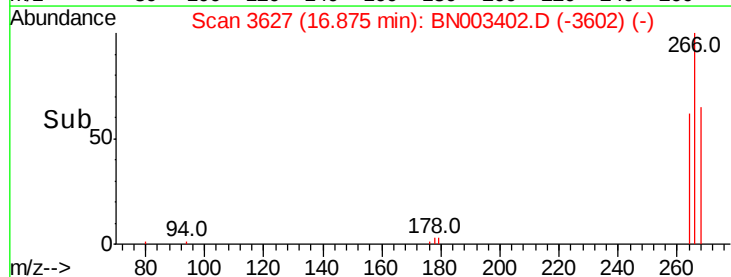
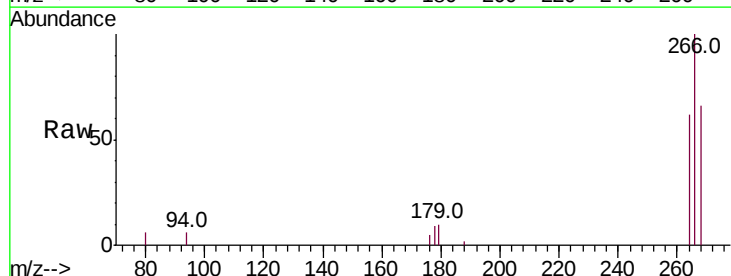
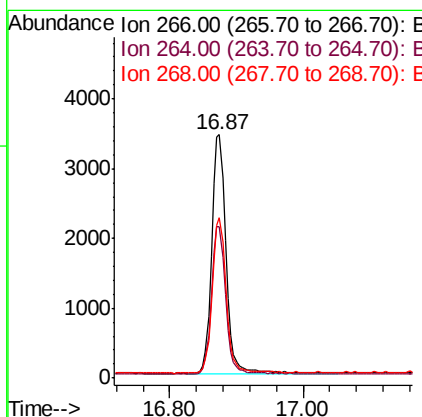
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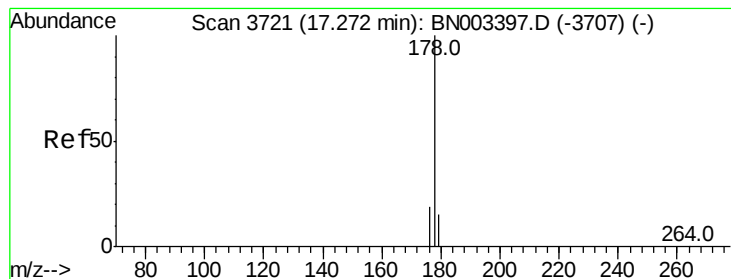
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#11
Pentachlorophenol
 Concen: 0.493 ng/ul
 RT: 16.87 min Scan# 3627
 Delta R.T. 0.00 min
 Lab File: BN003402.D
 Acq: 02 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.2	75.4
268	64.0	50.7	76.1





#12

Phenanthrene

Concen: 3.842 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. 0.00 min

Lab File: BN003402.D

Acq: 02 Nov 2018 14:15

Instrument :

BNA_N

ClientSampleId :

A40K3MS

Tot Ion:178 Resp: 654498

Ion Ratio Lower Upper

178 100

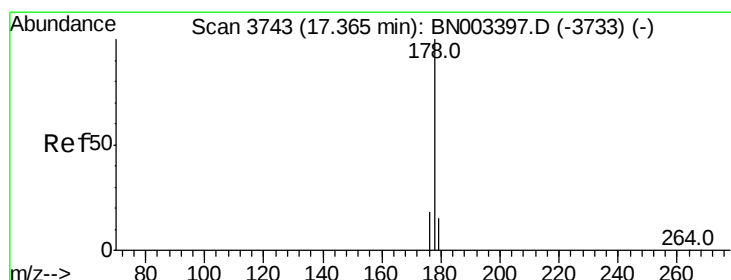
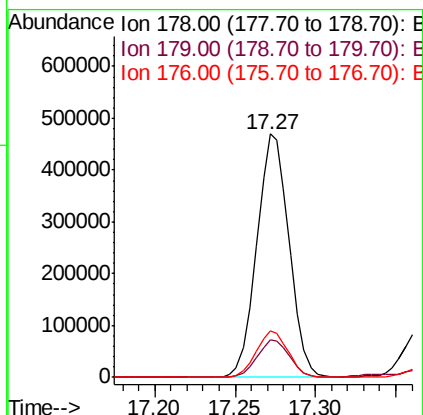
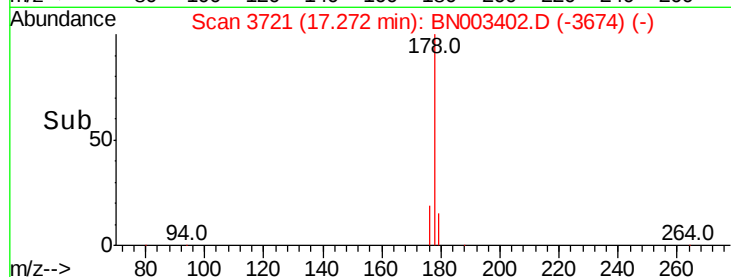
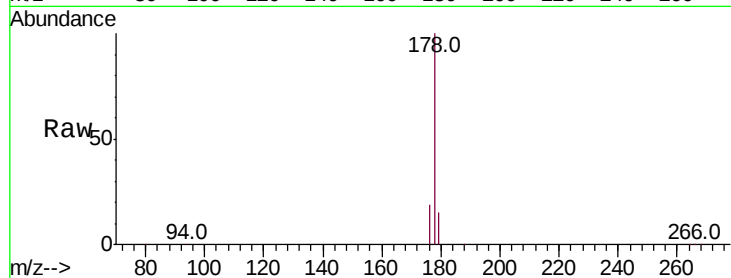
179 15.4 12.4 18.6

176 19.1 15.0 22.4

Manual Integrations
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#13

Anthracene

Concen: 0.896 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. 0.00 min

Lab File: BN003402.D

Acq: 02 Nov 2018 14:15

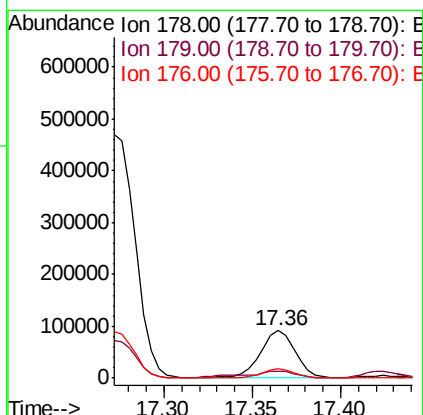
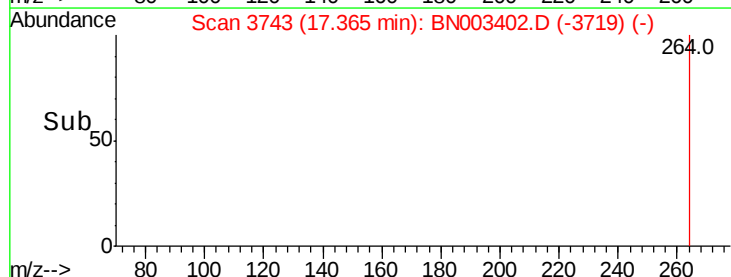
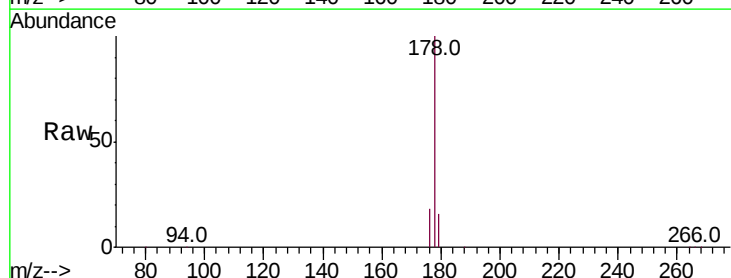
Tgt Ion:178 Resp: 124390

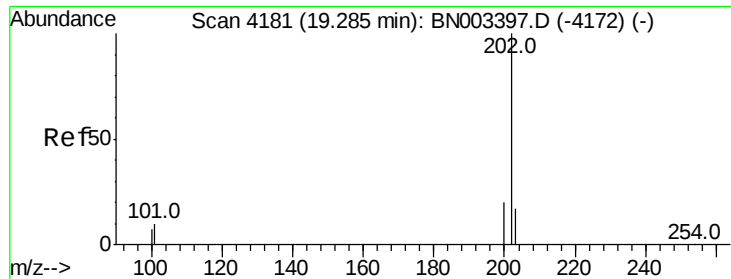
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 18.3 14.7 22.1





#15

Fluoranthene

Concen: 6.339 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. 0.00 min

Lab File: BN003402.D

Acq: 02 Nov 2018 14:15

Instrument :

BNA_N

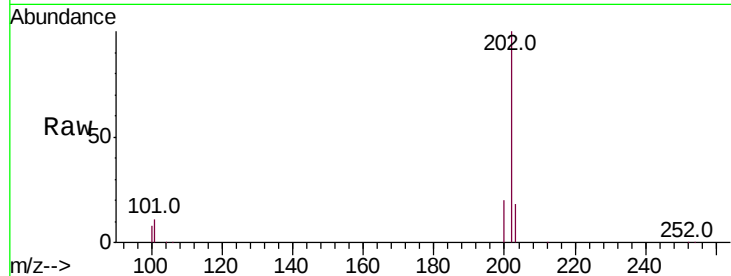
ClientSampleId :

A40K3MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.7
100	8.3	0.0	28.0

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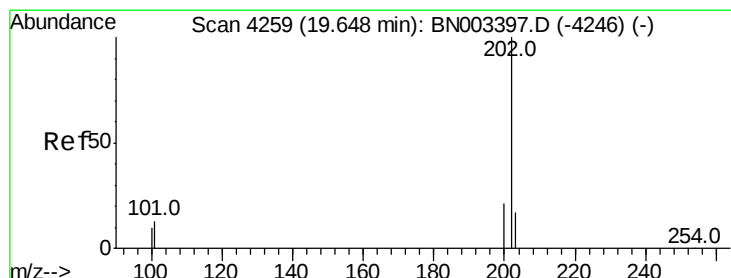
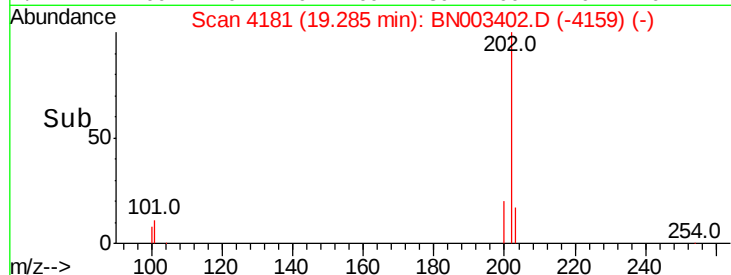
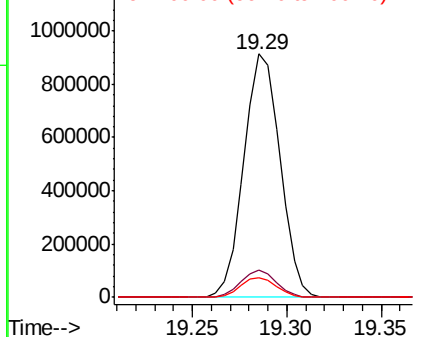


Abundance

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: 7.785 ng/ul

RT: 19.65 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BN003402.D

Acq: 02 Nov 2018 14:15

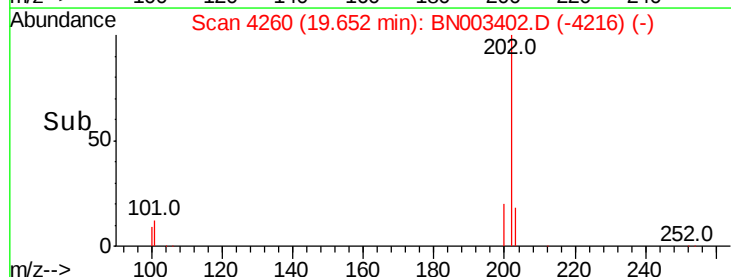
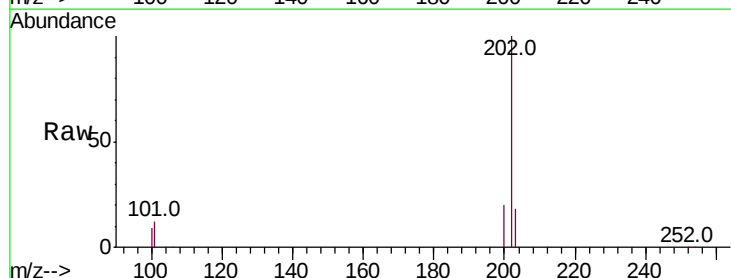
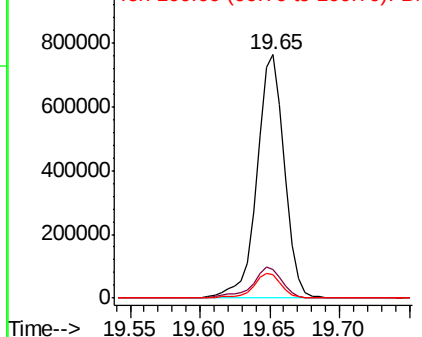
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.5	14.3
100	9.5	7.5	11.3

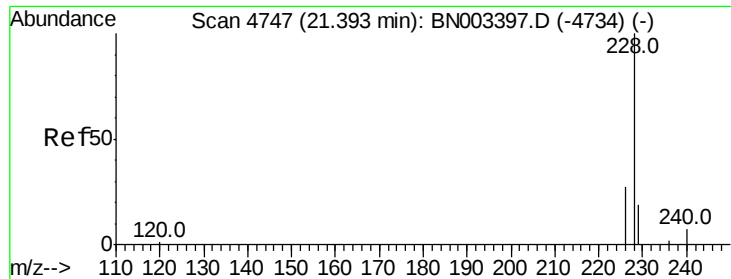
Abundance

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





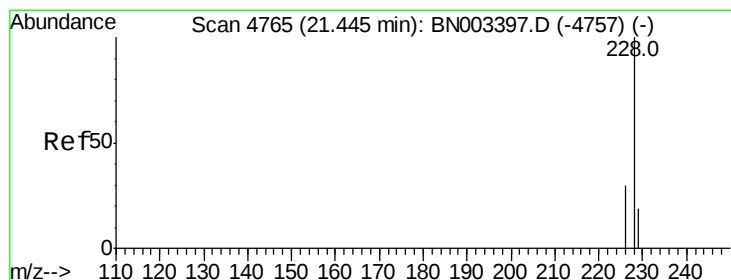
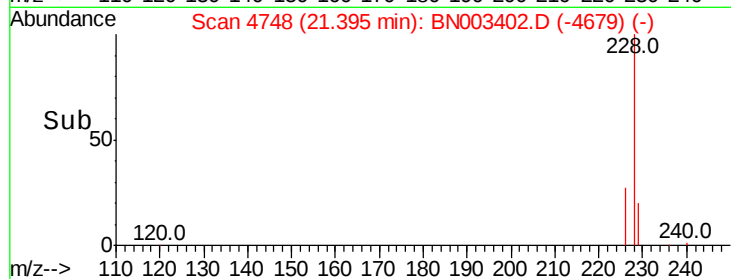
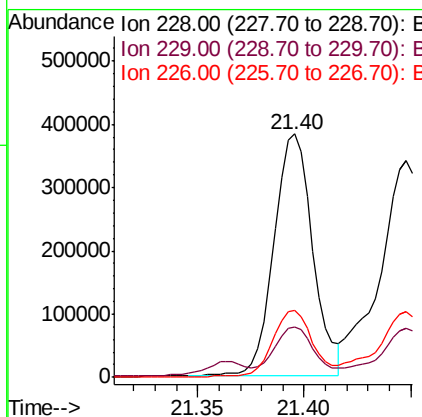
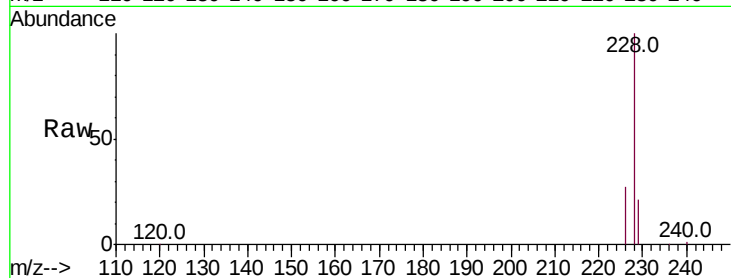
#18
Benzo(a)anthracene
Concen: 4.159 ng/ul
RT: 21.40 min Scan# 4748
Delta R.T. 0.00 min
Lab File: BN003402.D
Acq: 02 Nov 2018 14:15

Instrument :
BNA_N
ClientSampled :
A40K3MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	27.5	21.5	32.3

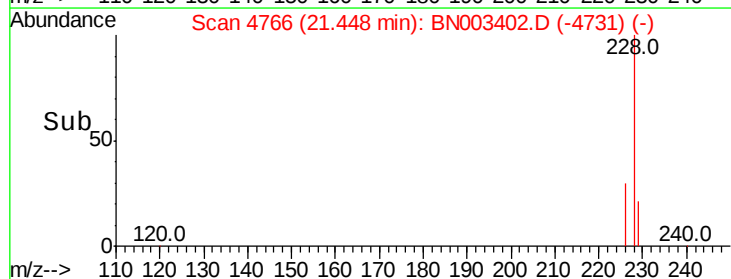
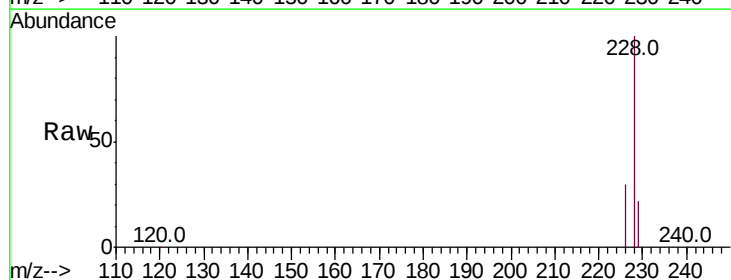
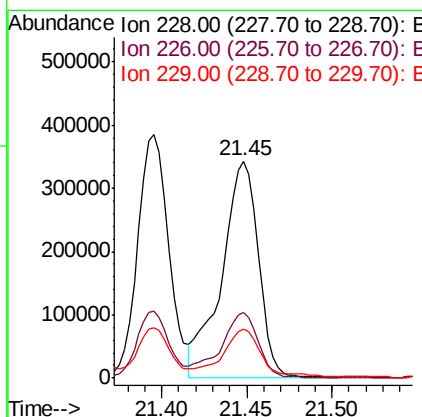
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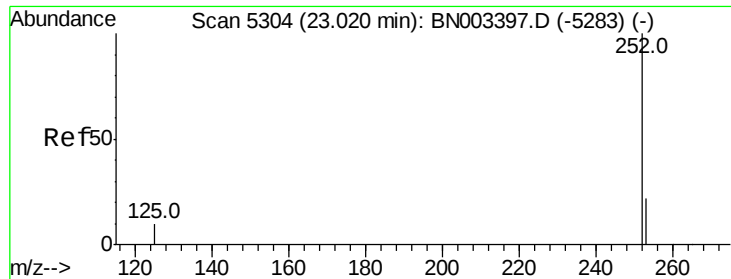
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#19
Chrysene
Concen: 3.849 ng/ul
RT: 21.45 min Scan# 4766
Delta R.T. 0.00 min
Lab File: BN003402.D
Acq: 02 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	22.4	15.5	23.3





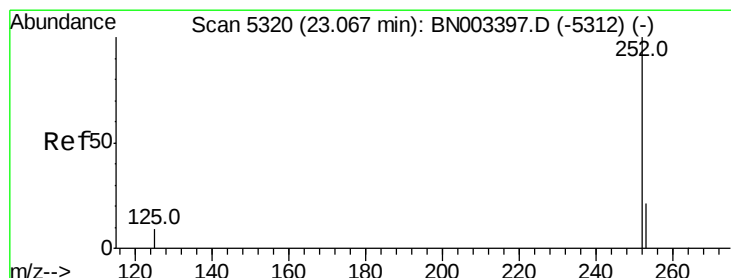
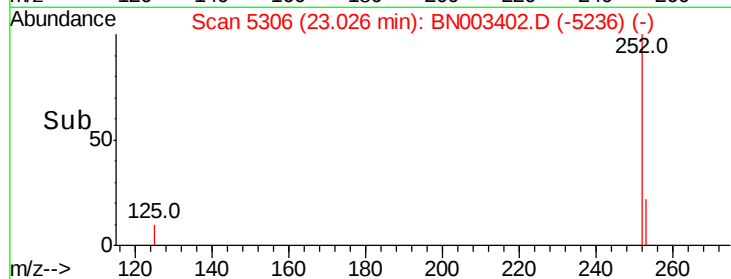
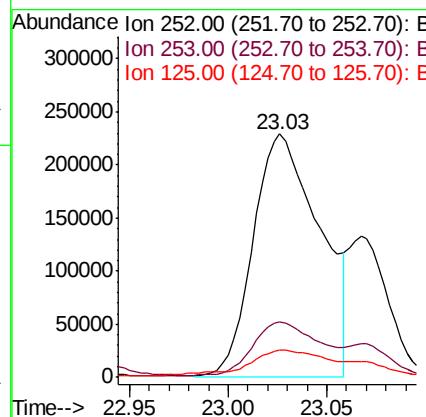
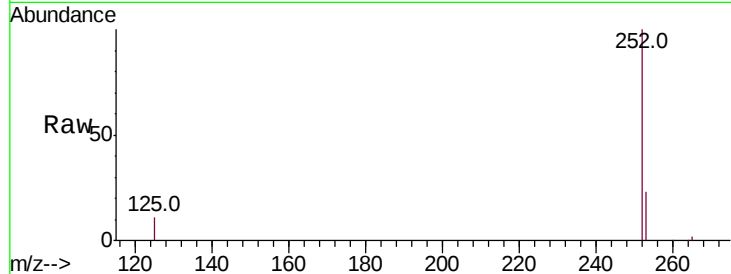
#21
Benzo(b)fluoranthene
Concen: 3.329 ng/ul m
RT: 23.03 min Scan# 5306
Delta R.T. 0.01 min
Lab File: BN003402.D
Acq: 02 Nov 2018 14:15

Instrument :
BNA_N
ClientSampleId :
A40K3MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	0.0	45.6
125	11.2	0.0	21.8

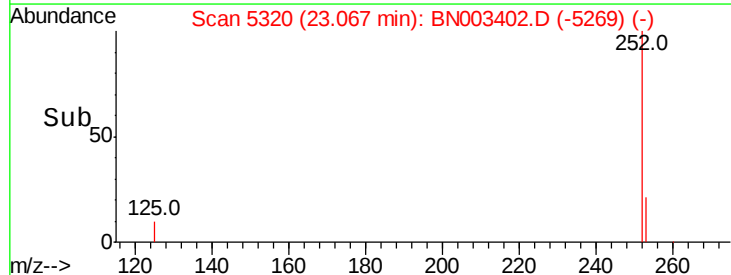
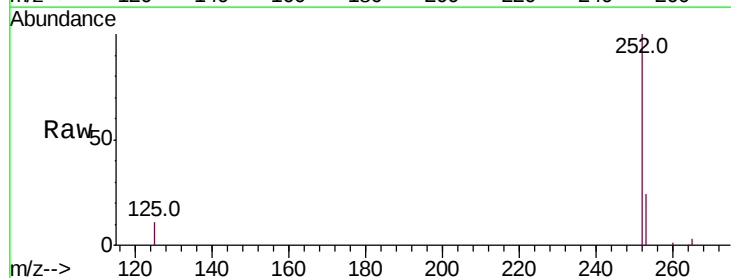
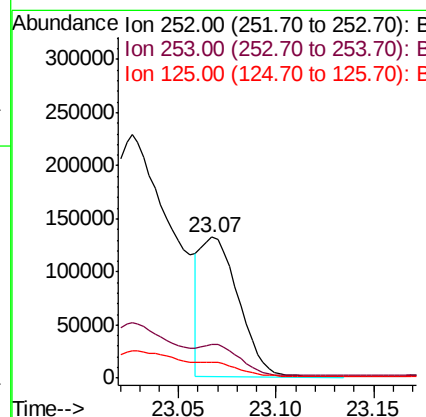
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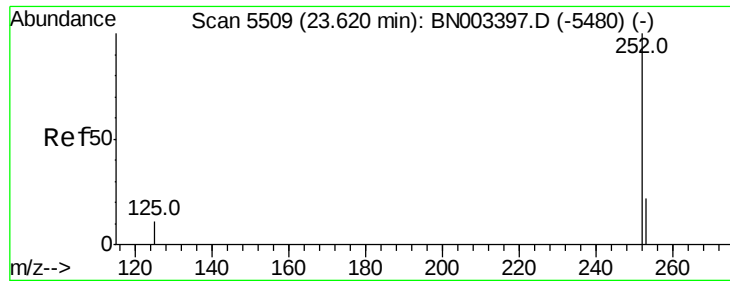
Sohil
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#22
Benzo(k)fluoranthene
Concen: 1.169 ng/ul m
RT: 23.07 min Scan# 5320
Delta R.T. 0.00 min
Lab File: BN003402.D
Acq: 02 Nov 2018 14:15

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	18.2	27.4
125	11.4	8.6	13.0





#23

Benzo(a)pyrene

Concen: 2.664 ng/ul

RT: 23.62 min Scan# 5510

Delta R.T. 0.00 min

Lab File: BN003402.D

Acq: 02 Nov 2018 14:15

Instrument :

BNA_N

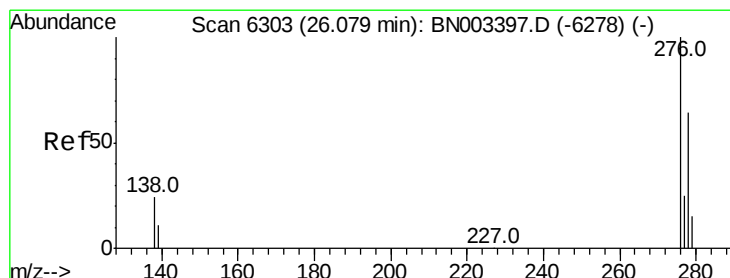
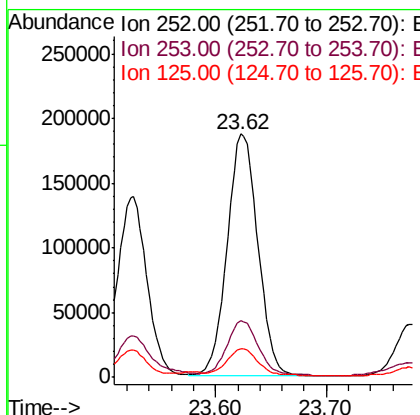
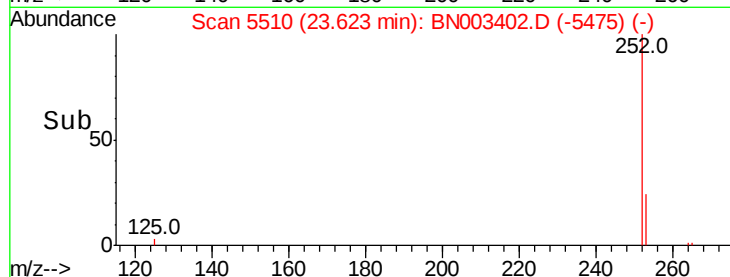
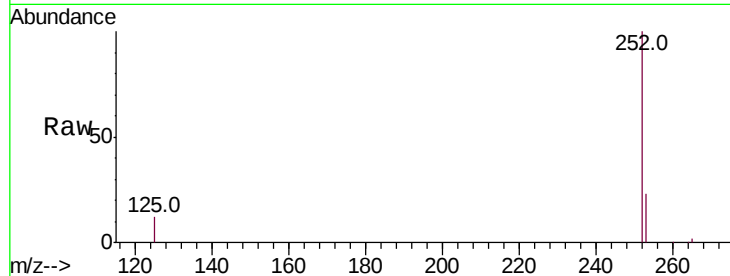
ClientSampleId :

A40K3MS

Tot Ion:	252	Resp:	358741
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.5	27.7
125	11.6	9.9	14.9

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.527 ng/ul

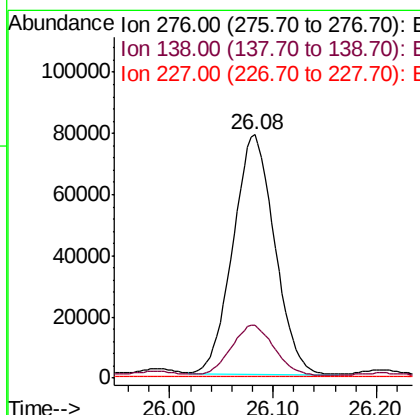
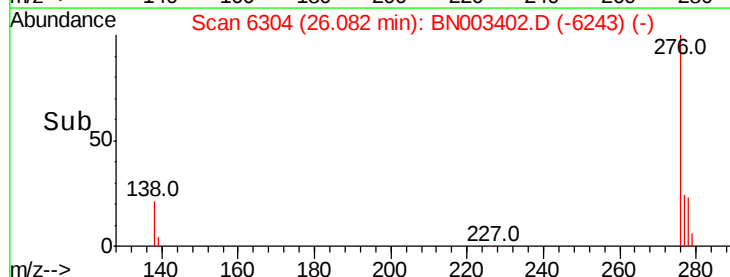
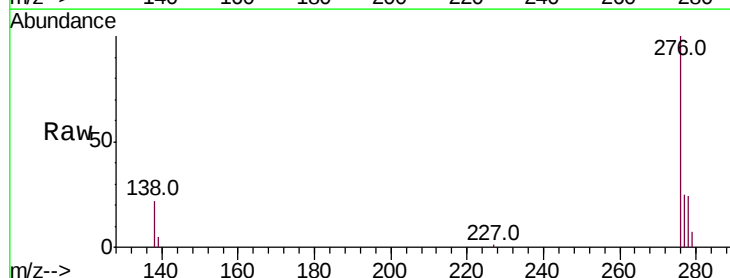
RT: 26.08 min Scan# 6304

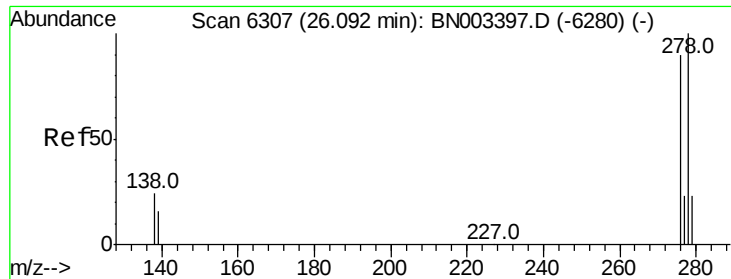
Delta R.T. 0.00 min

Lab File: BN003402.D

Acq: 02 Nov 2018 14:15

Tgt Ion:	276	Resp:	220127
Ion Ratio	Lower	Upper	
276	100		
138	21.6	19.8	29.8
227	0.0	0.2	0.2#





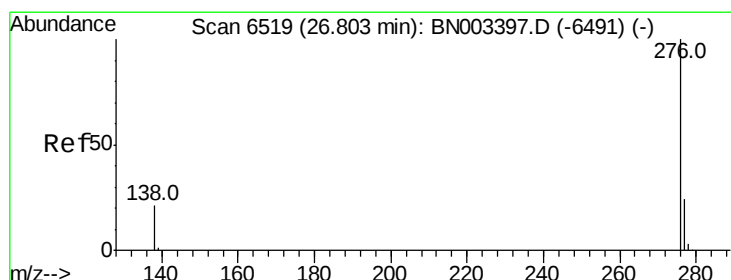
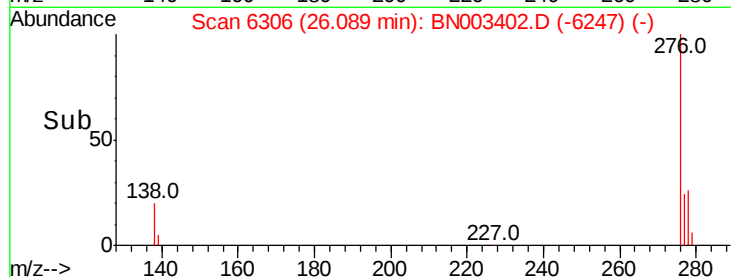
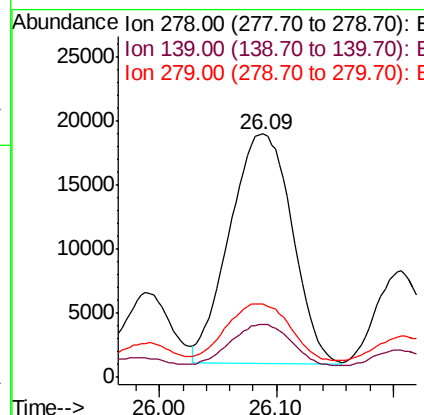
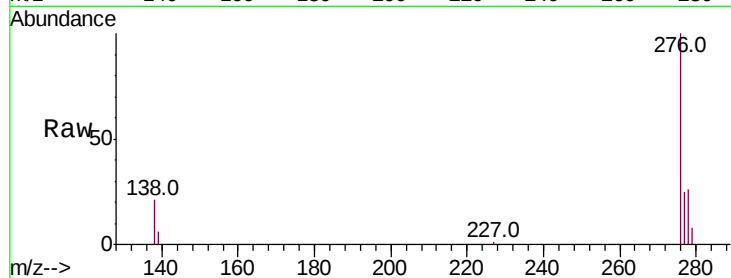
#25
Dibenzo(a,h)anthracene
Concen: 0.566 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. -0.00 min
Lab File: BN003402.D
Acq: 02 Nov 2018 14:15

Instrument :
BNA_N
ClientSampleId :
A40K3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.0	13.1	19.7#
279	30.0	19.5	29.3#

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#26
Benzo(g,h,i)perylene
Concen: 1.337 ng/ul
RT: 26.81 min Scan# 6522
Delta R.T. 0.01 min
Lab File: BN003402.D
Acq: 02 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.0	25.6
277	25.1	19.2	28.8

