

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
 Data File : BN003416.D
 Acq On : 02 Nov 2018 22:47
 Operator : MJ/SJ
 Sample : J5701-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40J3

Manual Integrations
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Quant Time: Nov 03 00:19:42 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 23:49:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10853	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	45007	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	25553	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	58062m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	45920m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	38105m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	14979	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	36131m	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.70	128	4363	0.035	ng/ul#	93
5) 2-Methylnaphthalene	12.31	142	2081	0.023	ng/ul	100
7) Acenaphthylene	14.21	152	5746	0.052	ng/ul#	95
9) Fluorene	15.54	166	2382	0.020	ng/ul#	97
12) Phenanthrene	17.28	178	40815m	0.214	ng/ul	
13) Anthracene	17.36	178	8759m	0.056	ng/ul	
15) Fluoranthene	19.29	202	83730m	0.391	ng/ul	
17) Pyrene	19.65	202	84831m	0.508	ng/ul	
18) Benzo(a)anthracene	21.39	228	41249m	0.287	ng/ul	
19) Chrysene	21.45	228	42120m	0.257	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	41845m	0.255	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	14474m	0.091	ng/ul	
23) Benzo(a)pyrene	23.63	252	31695m	0.231	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	20835m	0.142	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	6061m	0.051	ng/ul	
26) Benzo(a,h,i)perylene	26.81	276	20640m	0.164	ng/ul	

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

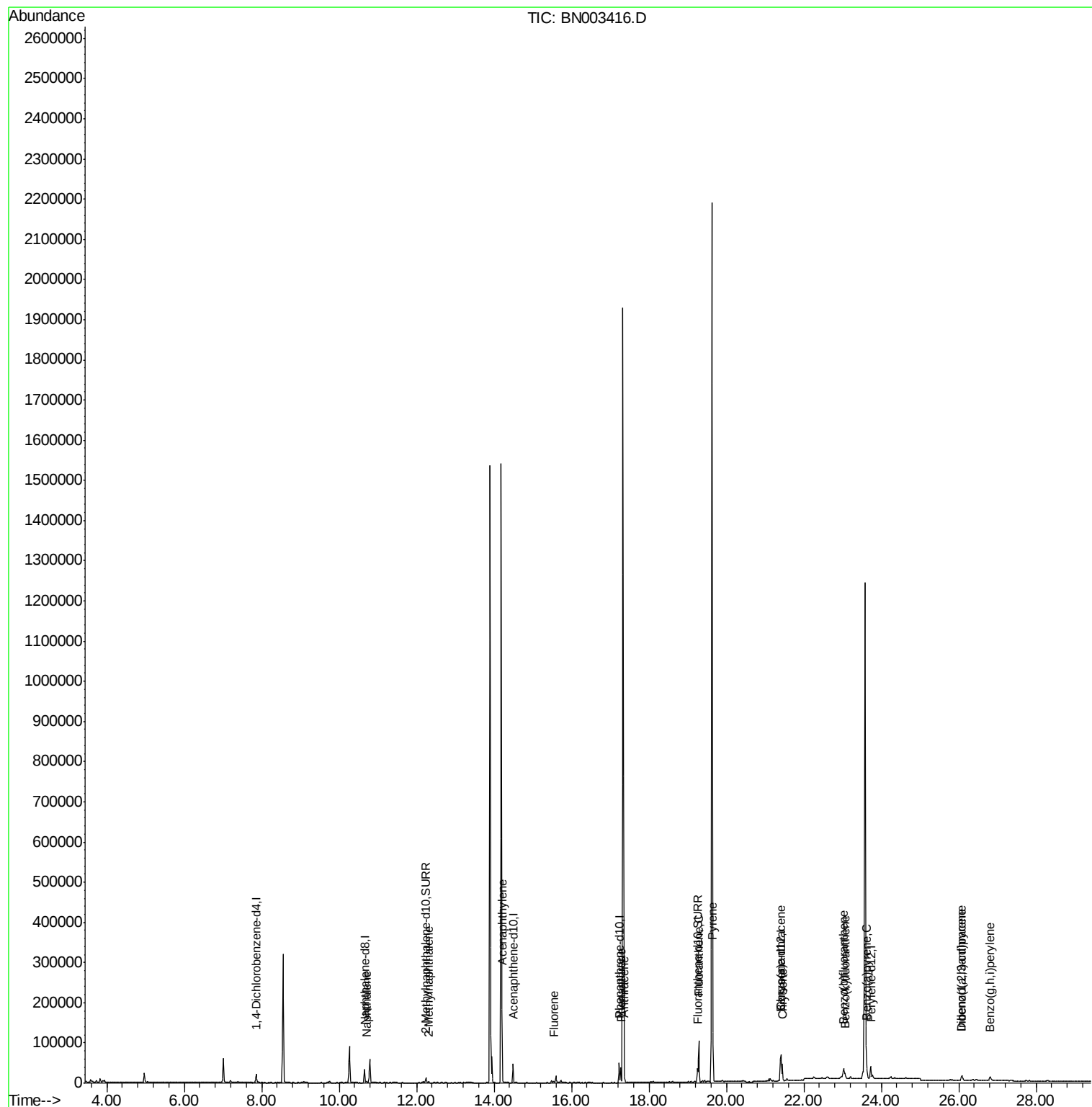
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
Data File : BN003416.D
Acq On : 02 Nov 2018 22:47
Operator : MJ/SJ
Sample : J5701-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

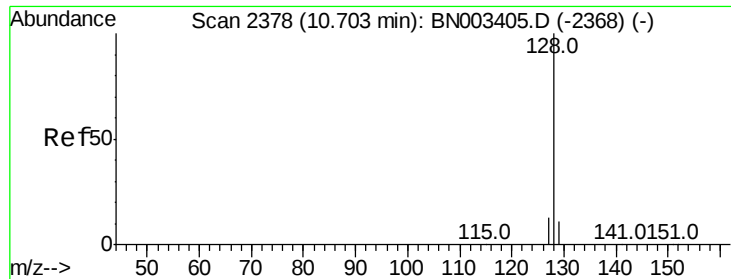
Instrument :
BNA_N
ClientSampleId :
A40J3

Quant Time: Nov 03 00:19:42 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 23:49:03 2018
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.035 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN003416.D

Acq: 02 Nov 2018 22:47

Instrument :

BNA_N

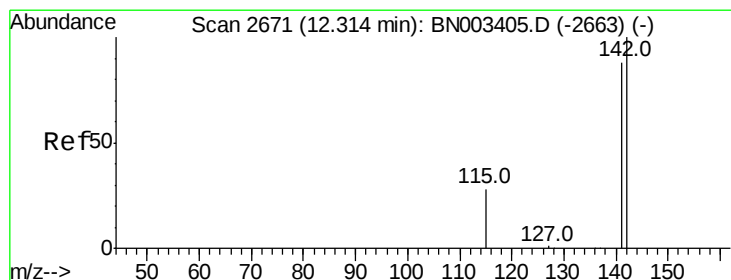
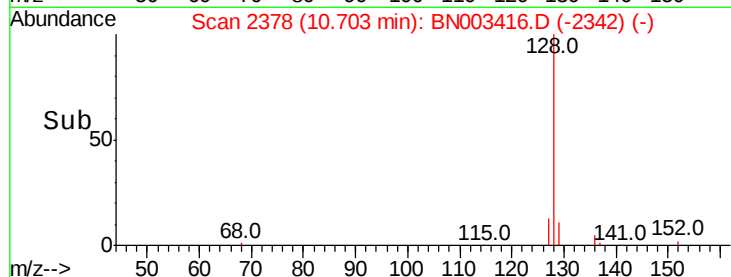
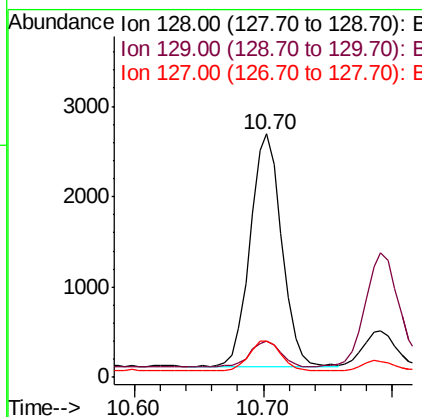
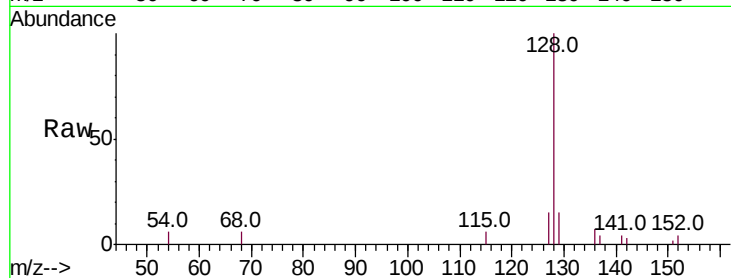
ClientSampled :

A40J3

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.0	13.6#
127	15.0	10.5	15.7

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#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

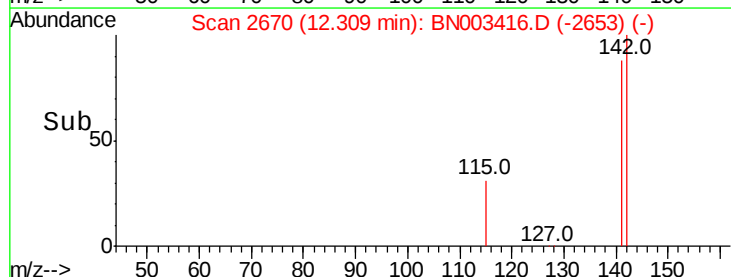
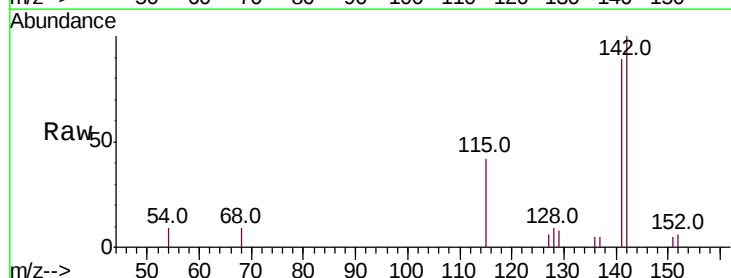
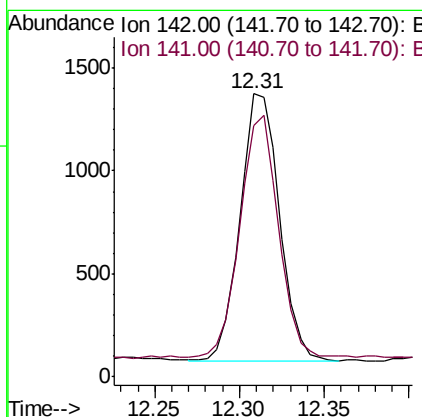
RT: 12.31 min Scan# 2670

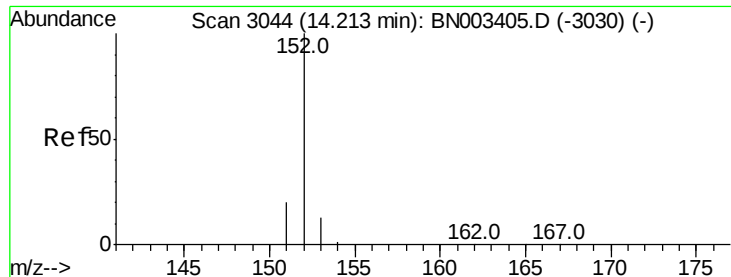
Delta R.T. -0.01 min

Lab File: BN003416.D

Acq: 02 Nov 2018 22:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.2	106.8





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. -0.00 min

Lab File: BN003416.D

Acq: 02 Nov 2018 22:47

Instrument :

BNA_N

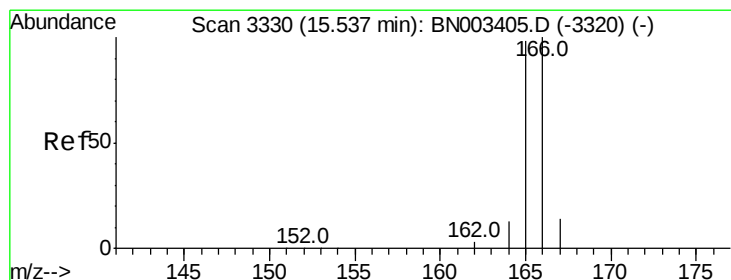
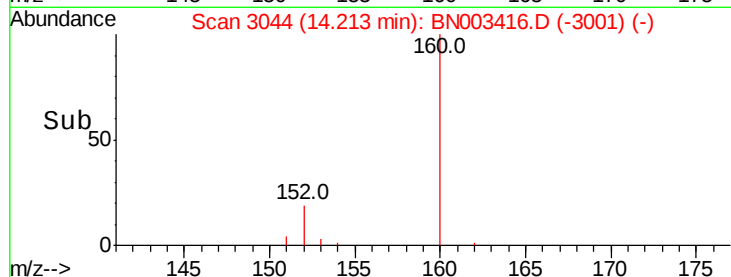
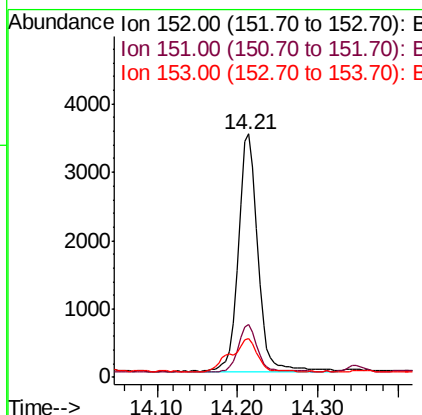
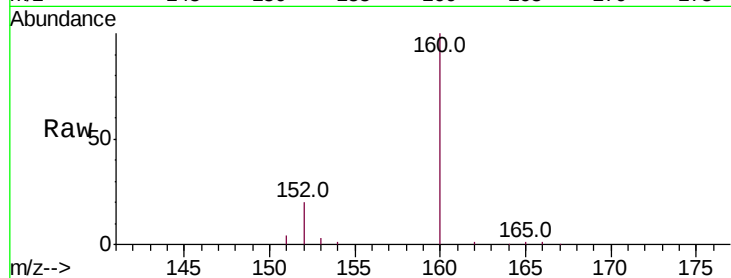
ClientSampleId :

A40J3

Tot Ion:	152	Resp:	5746
Ion Ratio	Lower	Upper	
152	100		
151	21.6	15.6	23.4
153	15.7	10.4	15.6#

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#9

Fluorene

Concen: 0.020 ng/ul

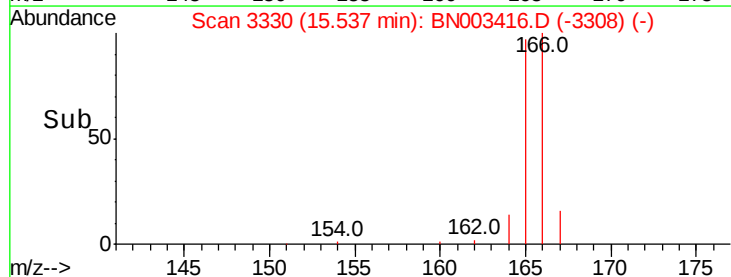
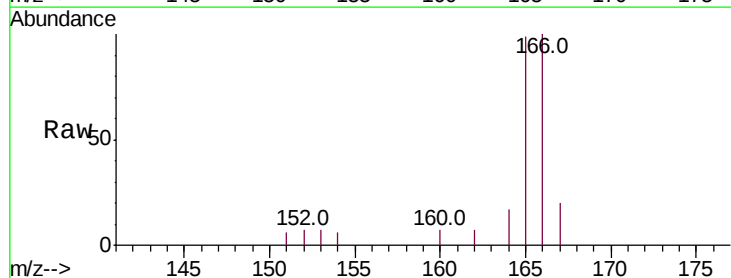
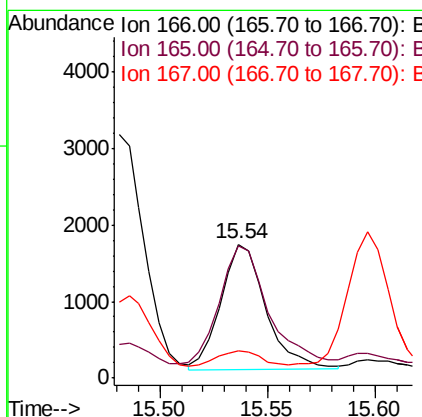
RT: 15.54 min Scan# 3330

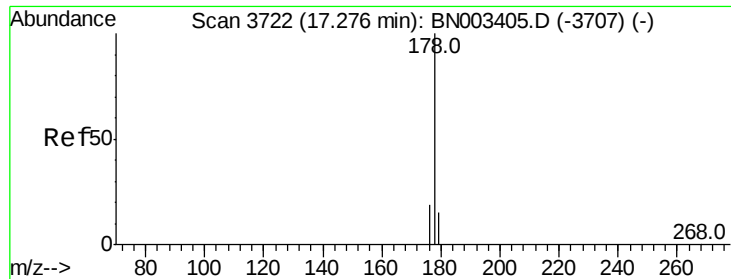
Delta R.T. -0.00 min

Lab File: BN003416.D

Acq: 02 Nov 2018 22:47

Tgt Ion:	166	Resp:	2382
Ion Ratio	Lower	Upper	
166	100		
165	99.4	78.3	117.5
167	20.2	10.8	16.2#





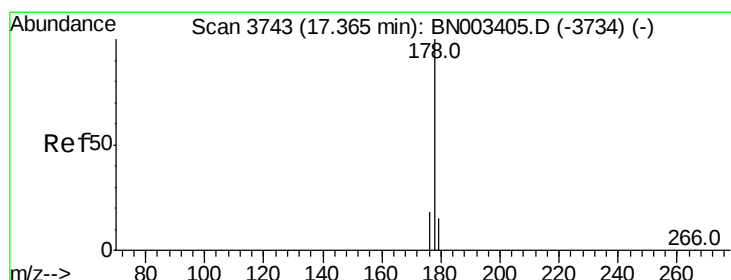
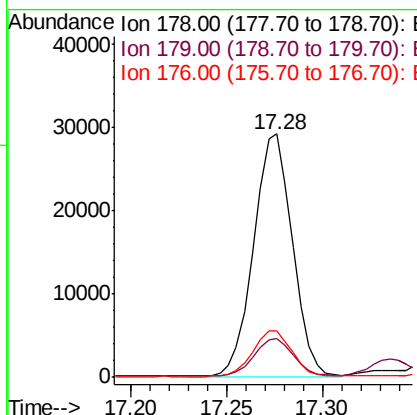
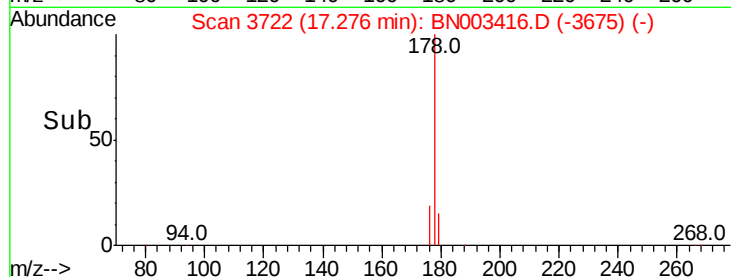
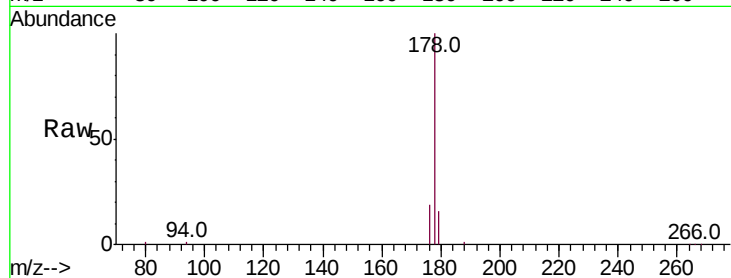
#12
Phenanthrene
Concen: 0.214 ng/ul m
RT: 17.28 min Scan# 3722
Delta R.T. -0.00 min
Lab File: BN003416.D
Acq: 02 Nov 2018 22:47

Instrument :
BNA_N
ClientSampleId :
A40J3

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	19.0	15.0	22.4

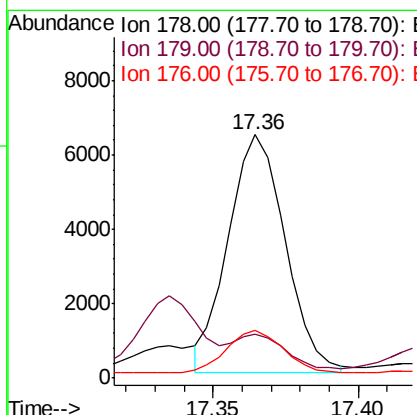
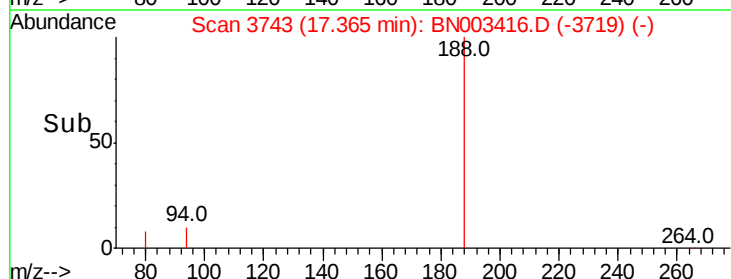
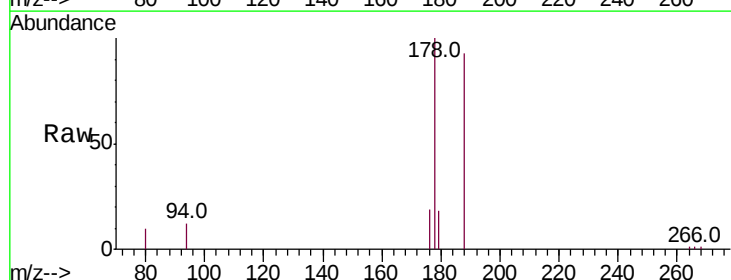
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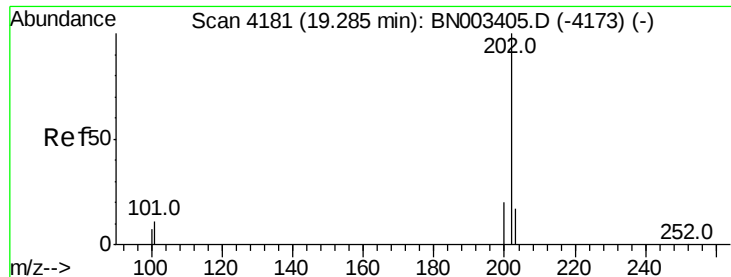
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#13
Anthracene
Concen: 0.056 ng/ul m
RT: 17.36 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BN003416.D
Acq: 02 Nov 2018 22:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.2	18.2
176	19.5	14.7	22.1





#15

Fluoranthene

Concen: 0.391 ng/ul m

RT: 19.29 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN003416.D

Acq: 02 Nov 2018 22:47

Instrument :

BNA_N

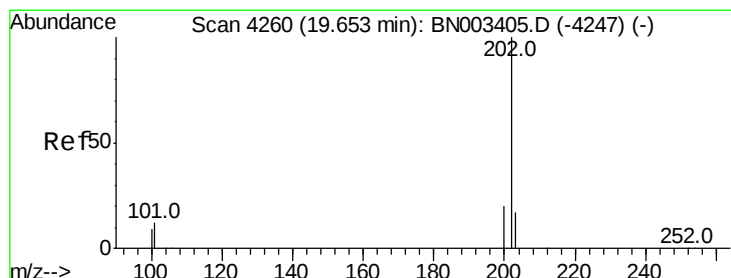
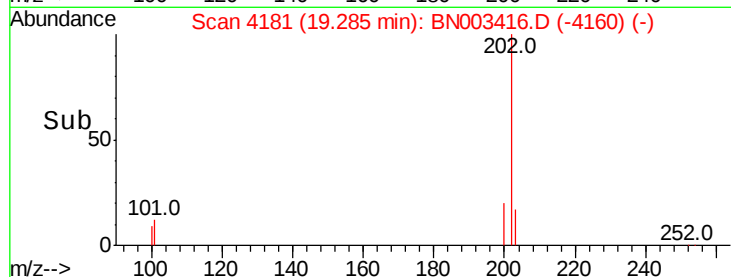
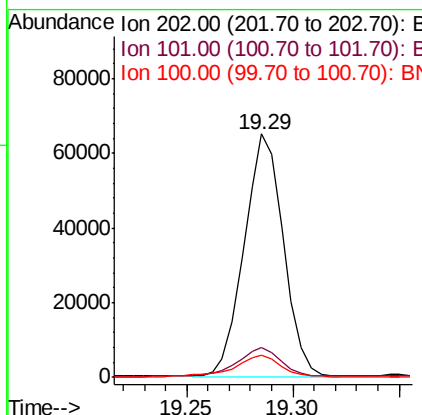
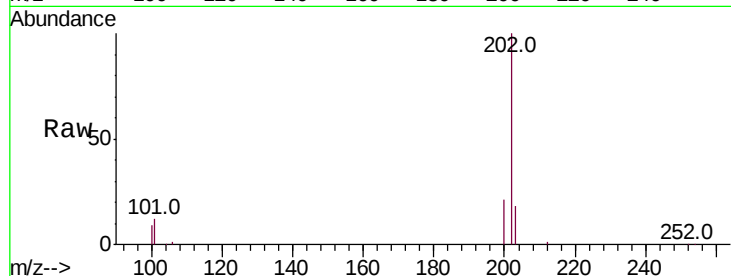
ClientSampleId :

A40J3

Tot Ion:	202	Resp:	83730
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	30.7
100	9.1	0.0	28.0

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#17

Pyrene

Concen: 0.508 ng/ul m

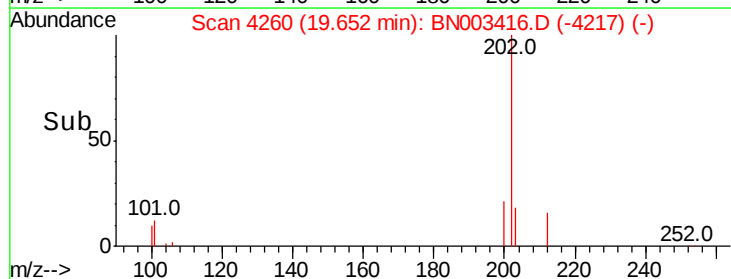
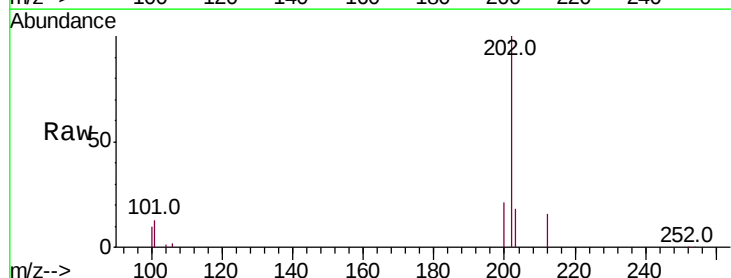
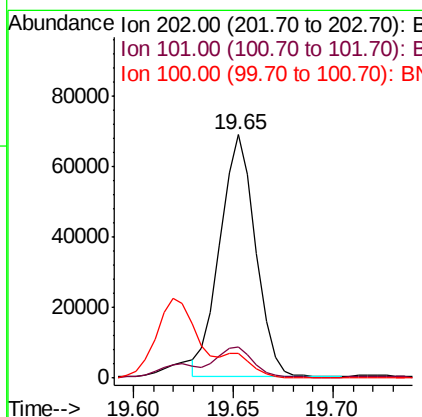
RT: 19.65 min Scan# 4260

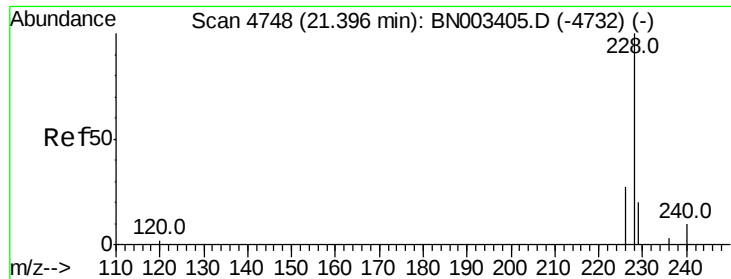
Delta R.T. -0.00 min

Lab File: BN003416.D

Acq: 02 Nov 2018 22:47

Tgt Ion:	202	Resp:	84831
Ion Ratio	Lower	Upper	
202	100		
101	12.8	9.5	14.3
100	10.1	7.5	11.3





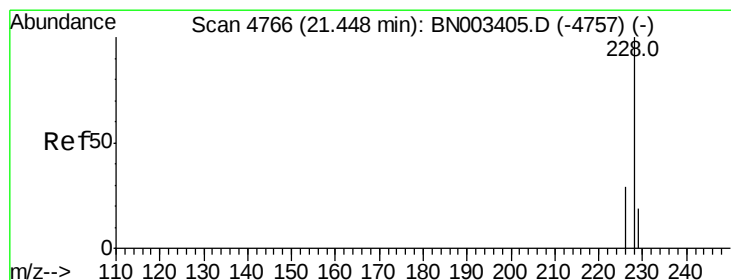
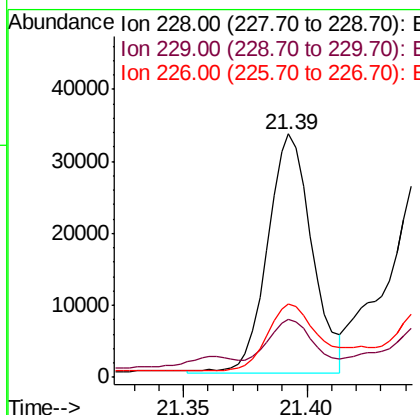
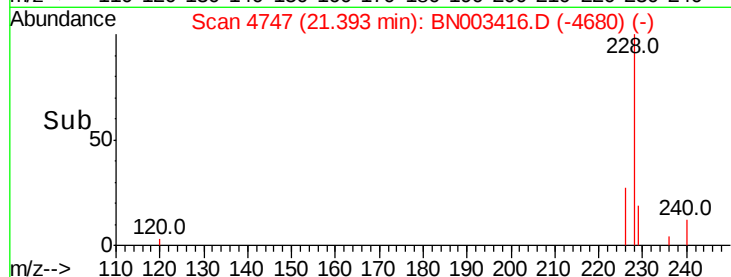
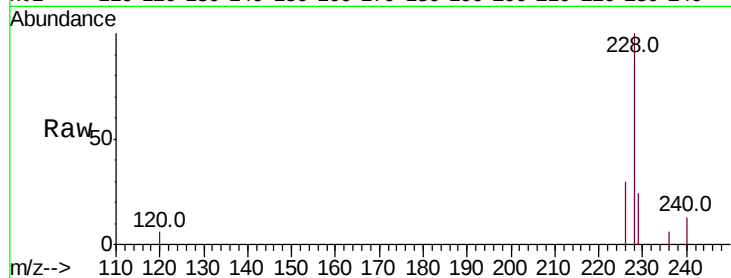
#18
Benzo(a)anthracene
Concen: 0.287 ng/ul m
RT: 21.39 min Scan# 4747
Delta R.T. -0.00 min
Lab File: BN003416.D
Acq: 02 Nov 2018 22:47

Instrument :
BNA_N
ClientSampleId :
A40J3

Tot Ion:228 Resp: 41249
Ion Ratio Lower Upper
228 100
229 24.1 15.5 23.3#
226 30.1 21.5 32.3

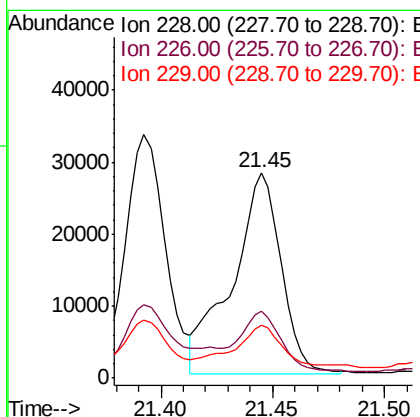
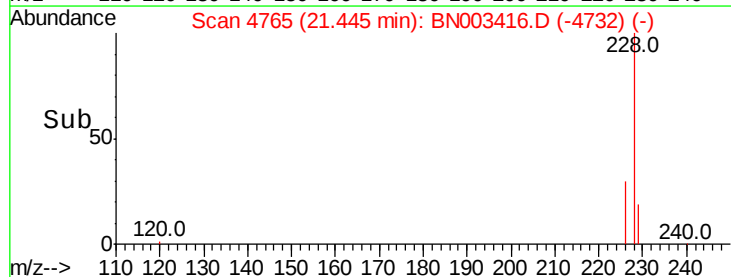
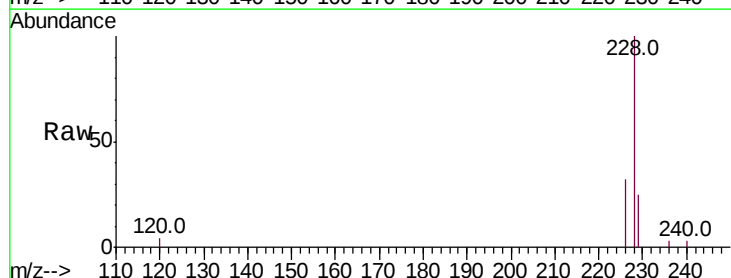
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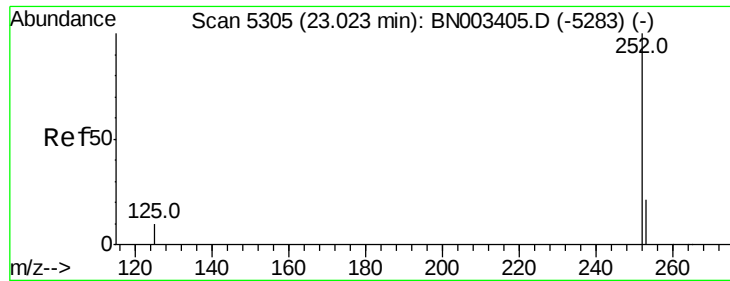
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#19
Chrysene
Concen: 0.257 ng/ul m
RT: 21.45 min Scan# 4765
Delta R.T. -0.00 min
Lab File: BN003416.D
Acq: 02 Nov 2018 22:47

Tgt Ion:228 Resp: 42120
Ion Ratio Lower Upper
228 100
226 32.4 23.8 35.6
229 25.4 15.5 23.3#





#21

Benzo(b)fluoranthene

Concen: 0.255 ng/ul m

RT: 23.02 min Scan# 5305

Delta R.T. -0.00 min

Lab File: BN003416.D

Acq: 02 Nov 2018 22:47

Instrument :

BNA_N

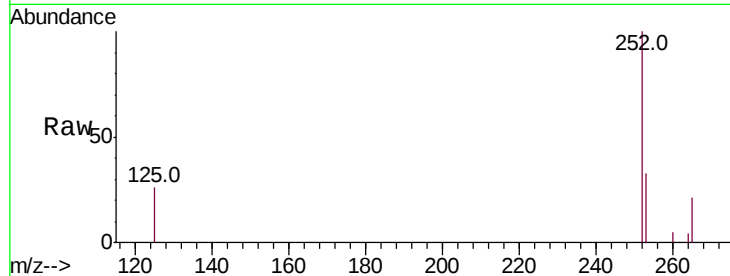
ClientSampled :

A40J3

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.2	0.0	45.6
125	25.7	0.0	21.8#

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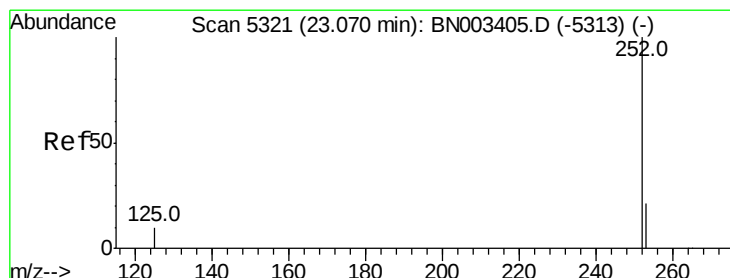
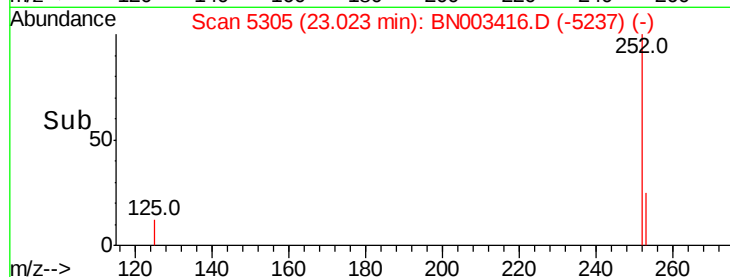
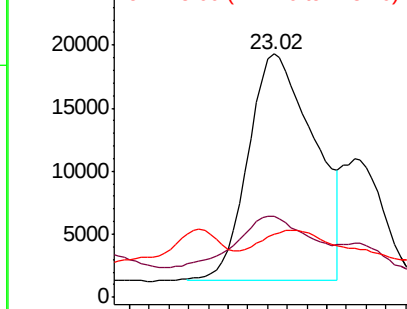


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 0.091 ng/ul m

RT: 23.06 min Scan# 5319

Delta R.T. -0.01 min

Lab File: BN003416.D

Acq: 02 Nov 2018 22:47

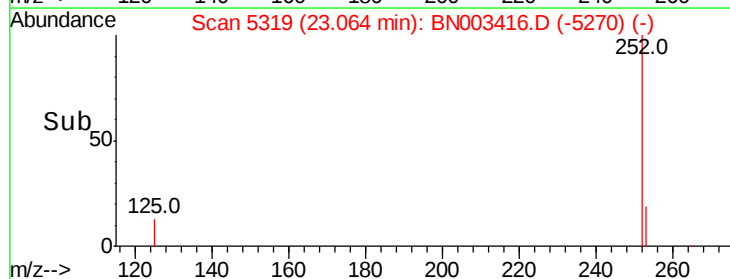
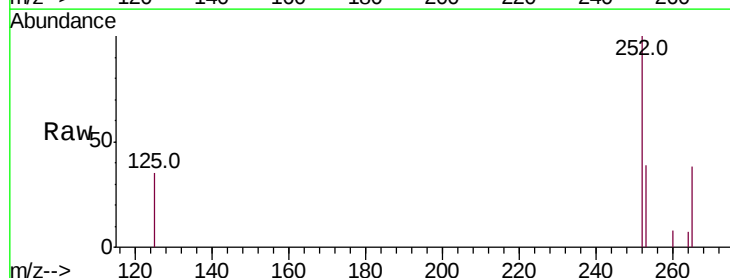
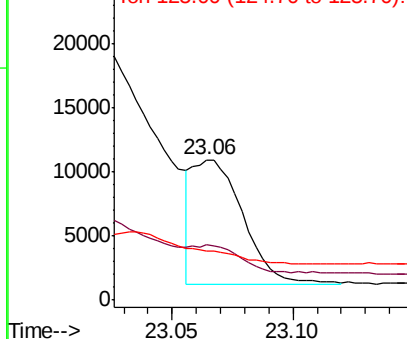
Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.2	18.2	27.4#
125	35.3	8.6	13.0#

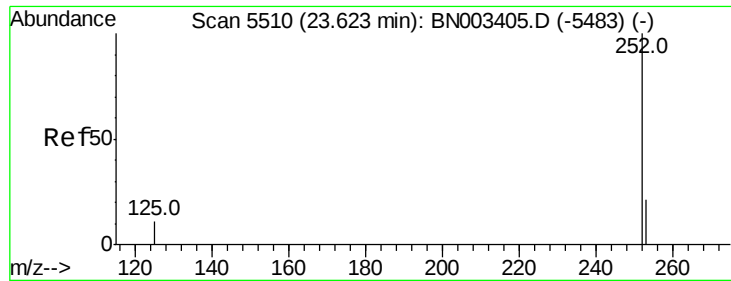
Abundance

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: 0.231 ng/ul m

RT: 23.63 min Scan# 5511

Delta R.T. 0.00 min

Lab File: BN003416.D

Acq: 02 Nov 2018 22:47

Instrument :

BNA_N

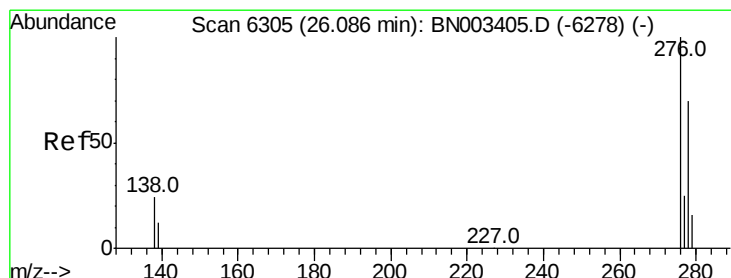
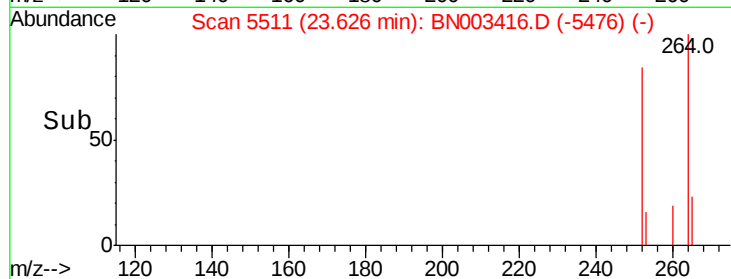
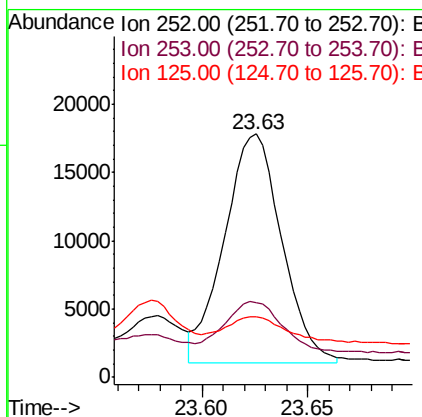
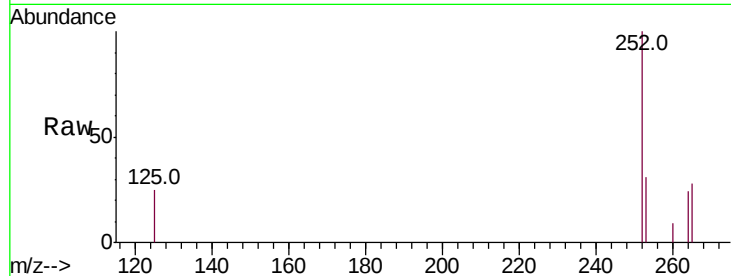
ClientSampleId :

A40J3

Tot Ion:	252	Resp:	31695
Ion Ratio	Lower	Upper	
252	100		
253	30.9	18.5	27.7#
125	24.7	9.9	14.9#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.142 ng/ul m

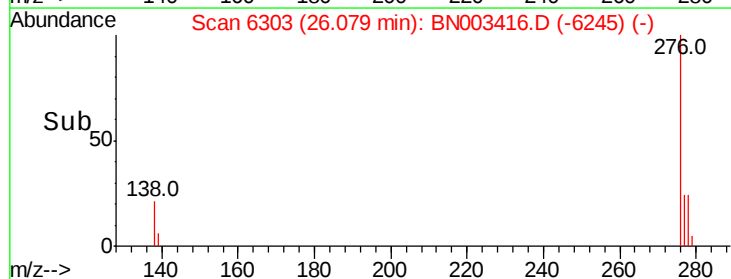
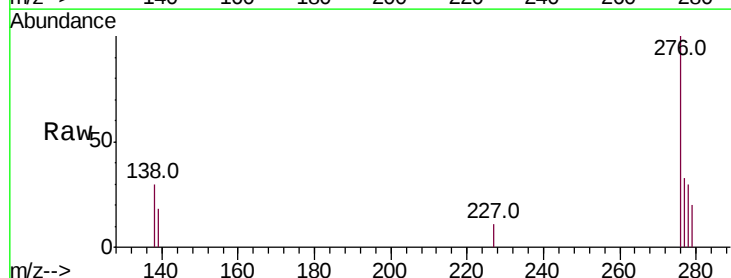
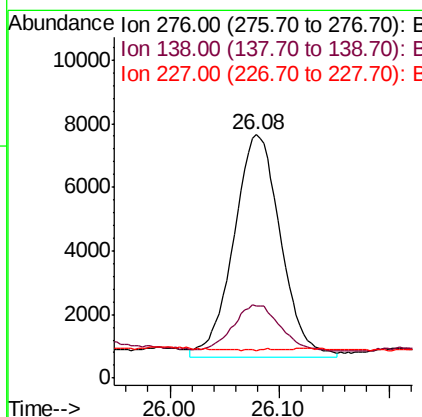
RT: 26.08 min Scan# 6303

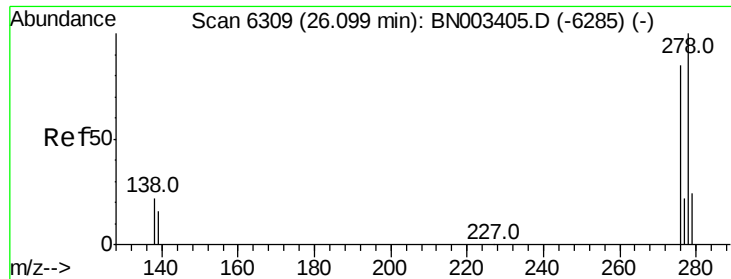
Delta R.T. -0.01 min

Lab File: BN003416.D

Acq: 02 Nov 2018 22:47

Tgt Ion:	276	Resp:	20835
Ion Ratio	Lower	Upper	
276	100		
138	1.7	19.8	29.8#
227	0.1	0.2	0.2#





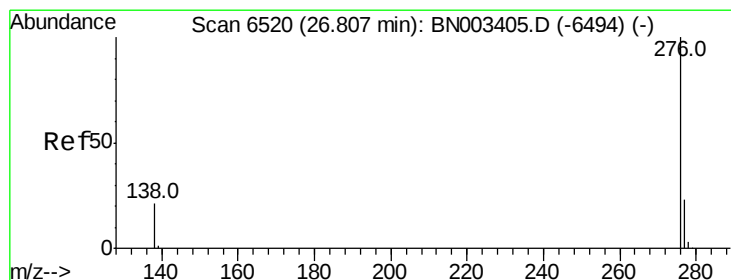
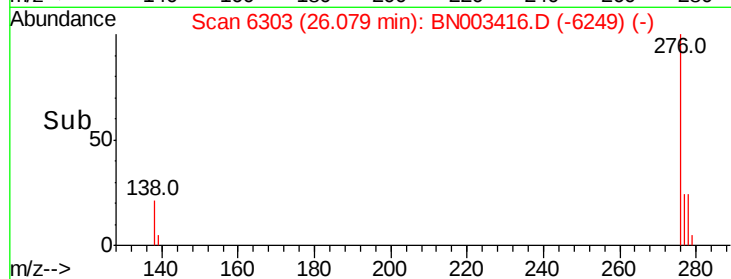
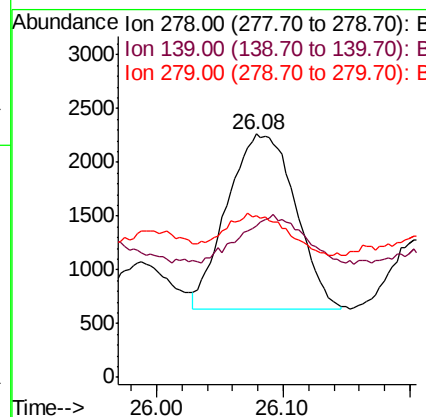
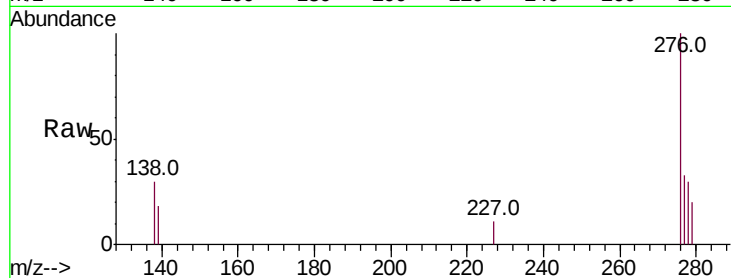
#25
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul m
RT: 26.08 min Scan# 6303
Delta R.T. -0.02 min
Lab File: BN003416.D
Acq: 02 Nov 2018 22:47

Instrument :
BNA_N
ClientSampled :
A40J3

Tot Ion	Ratio	Lower	Upper
278	100		
139	62.4	13.1	19.7#
279	66.2	19.5	29.3#

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:24 PM



#26
Benzo(g,h,i)perylene
Concen: 0.164 ng/ul m
RT: 26.81 min Scan# 6521
Delta R.T. 0.00 min
Lab File: BN003416.D
Acq: 02 Nov 2018 22:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	17.0	25.6#
277	32.6	19.2	28.8#

