

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051719\
 Data File : BN005740.D
 Acq On : 17 May 2019 21:18
 Operator : JU/SJ
 Sample : K2788-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51A8

Manual Integrations
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mohammad
 5/21/2019 2:18:16 PM

Quant Time: May 18 01:17:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 17 04:47:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1421	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	5737	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3479	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	7813m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	5251m	0.40	ng/ul	0.02
20) Perylene-d12	23.46	264	5102m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1593	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4100m	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	650	0.043	ng/ul#	76
5) 2-Methylnaphthalene	12.04	142	265	0.026	ng/ul	94
7) Acenaphthylene	13.95	152	715	0.041	ng/ul#	81
8) Acenaphthene	14.29	153	874	0.071	ng/ul	97
9) Fluorene	15.29	166	682	0.047	ng/ul#	94
12) Phenanthrene	17.03	178	9945	0.467	ng/ul	99
13) Anthracene	17.12	178	2157m	0.102	ng/ul	
15) Fluoranthene	19.07	202	19685m	0.668	ng/ul	
17) Pyrene	19.44	202	16181	0.834	ng/ul#	94
18) Benzo(a)anthracene	21.22	228	7914m	0.437	ng/ul	
19) Chrysene	21.27	228	8631m	0.388	ng/ul	
21) Benzo(b)fluoranthene	22.80	252	11359m	0.740	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	3870m	0.201	ng/ul	
23) Benzo(a)pyrene	23.36	252	7225	0.421	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	25.68	276	5262	0.274	ng/ul#	87
26) Benzo(a,h,i)perylene	26.35	276	3658	0.224	ng/ul#	49

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

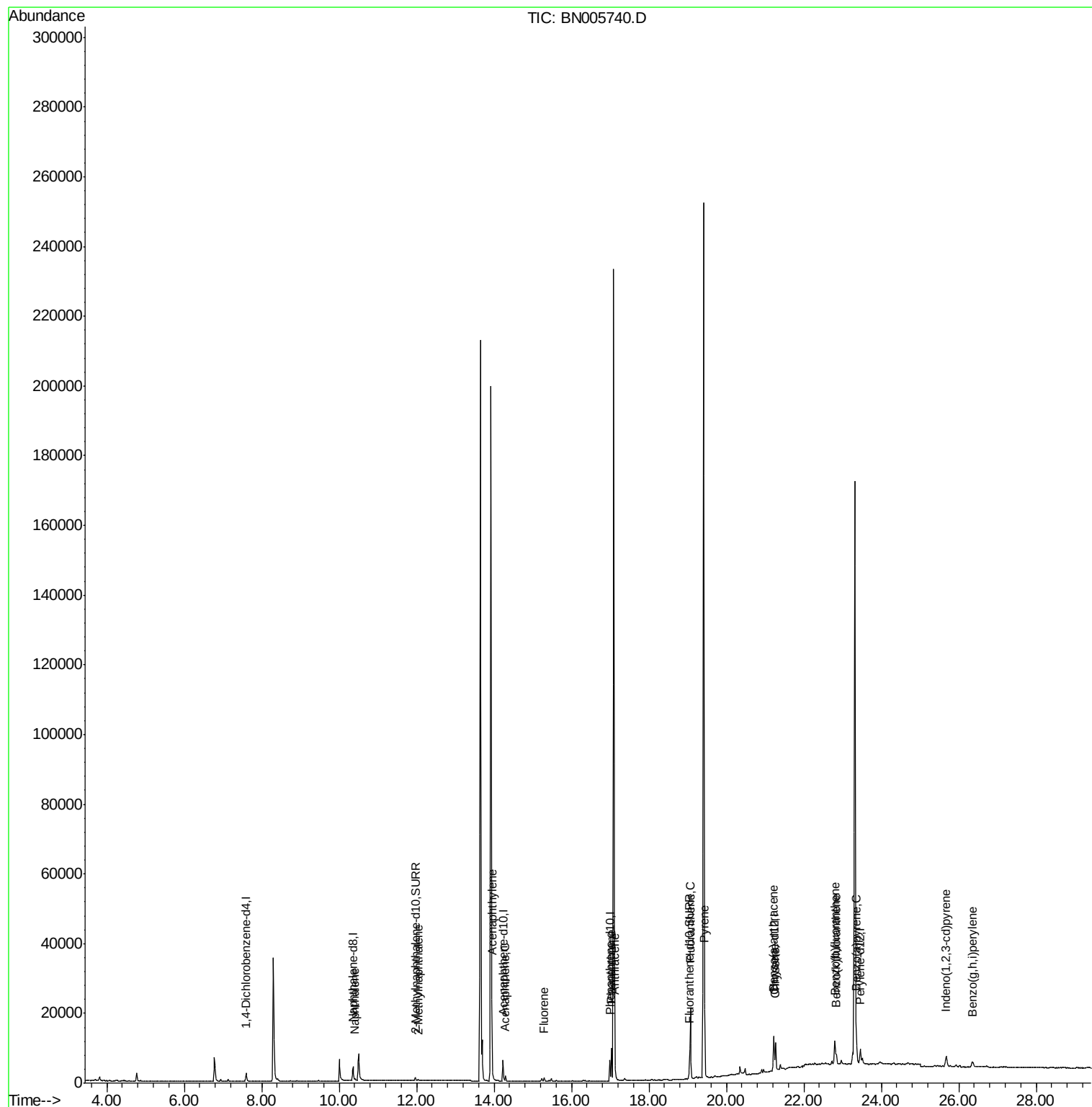
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051719\
Data File : BN005740.D
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Sample : K2788-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

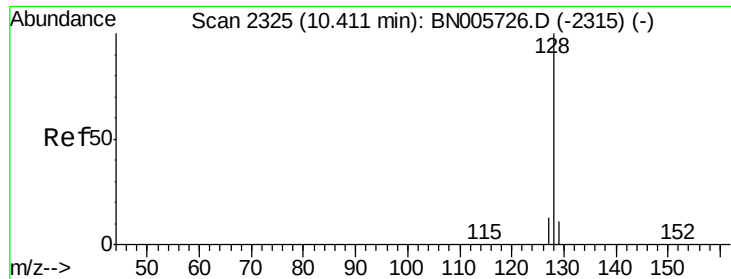
Instrument :
BNA_N
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A51A8

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Quant Time: May 18 01:17:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 17 04:47:07 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Instrument :

BNA_N

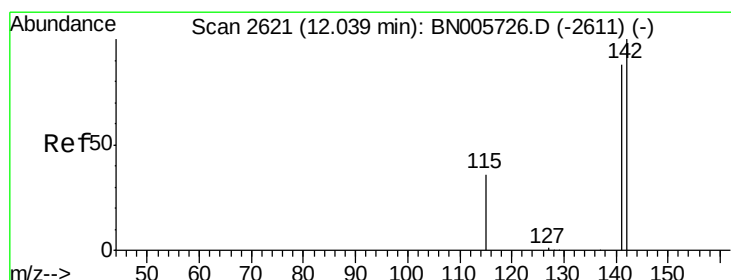
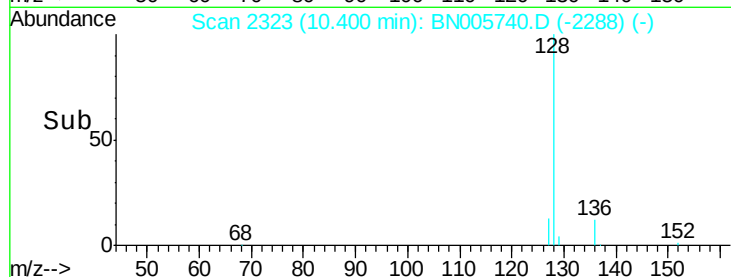
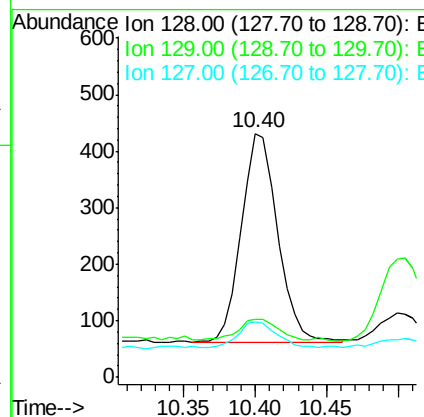
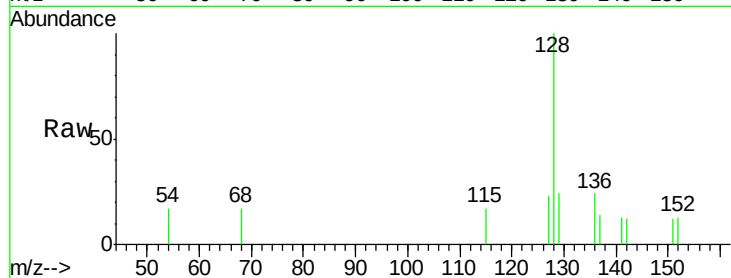
ClientSampled :

A51A8

Tot Ion:	128	Resp:	650
Ion Ratio	Lower	Upper	
128	100		
129	23.9	10.2	15.2#
127	23.0	11.8	17.8#

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#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

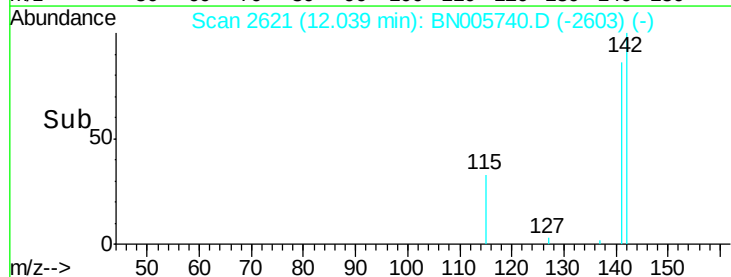
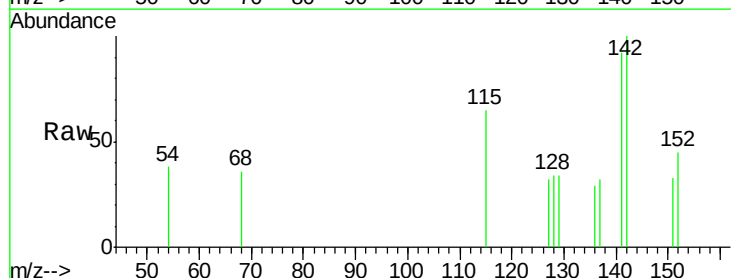
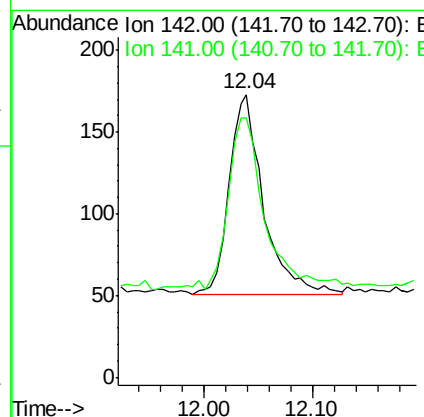
RT: 12.04 min Scan# 2621

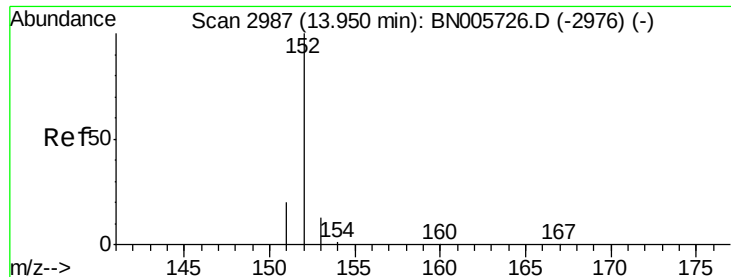
Delta R.T. -0.00 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Tgt Ion:	142	Resp:	265
Ion Ratio	Lower	Upper	
142	100		
141	95.8	72.2	108.2





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Instrument :

BNA_N

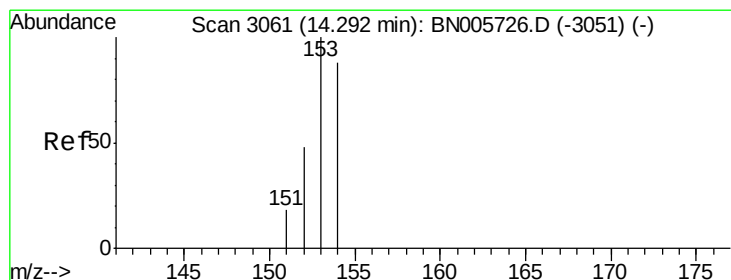
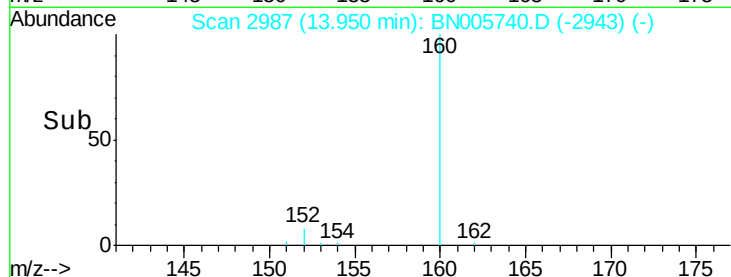
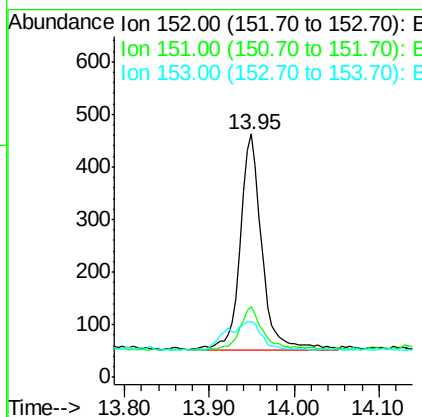
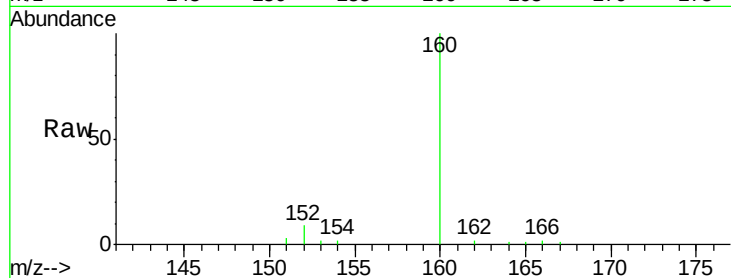
ClientSampleId :

A51A8

Tot Ion:	152	Resp:	715
Ion Ratio	Lower	Upper	
152	100		
151	28.9	16.7	25.1#
153	22.9	11.6	17.4#

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#8

Acenaphthene

Concen: 0.071 ng/ul

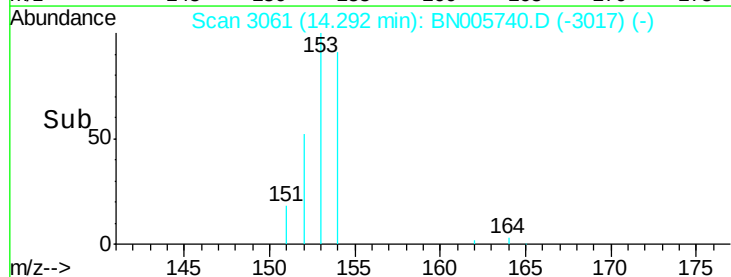
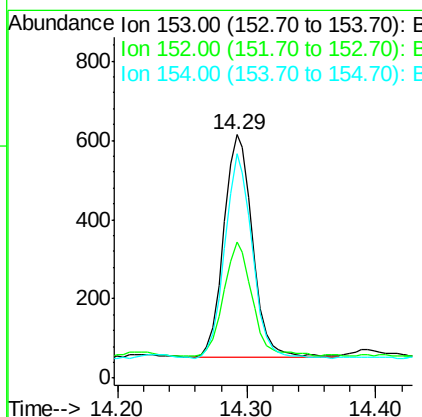
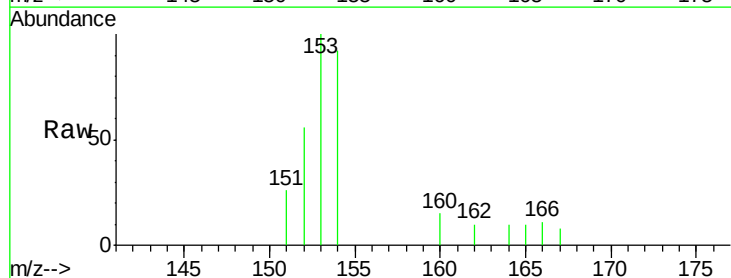
RT: 14.29 min Scan# 3061

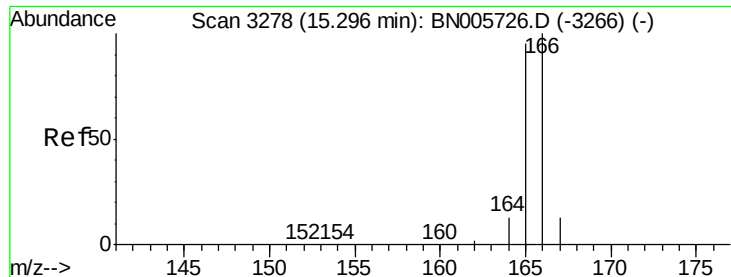
Delta R.T. 0.00 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Tgt Ion:	153	Resp:	874
Ion Ratio	Lower	Upper	
153	100		
152	56.2	40.8	61.2
154	92.0	73.2	109.8





#9

Fluorene

Concen: 0.047 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Instrument :

BNA_N

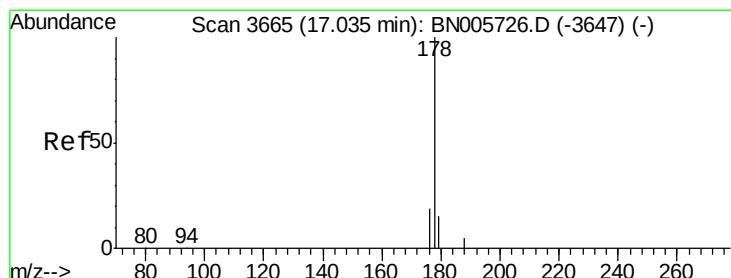
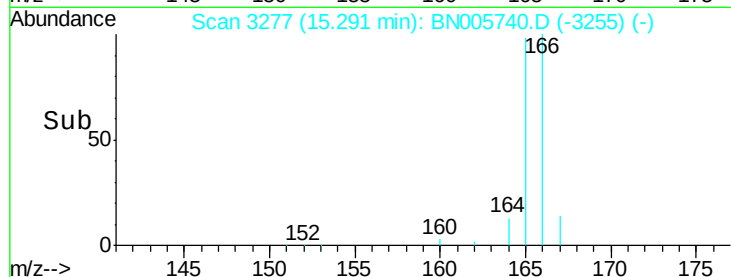
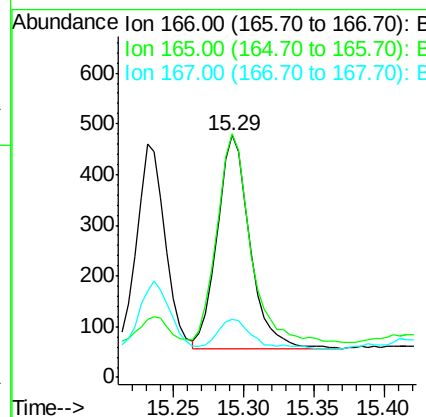
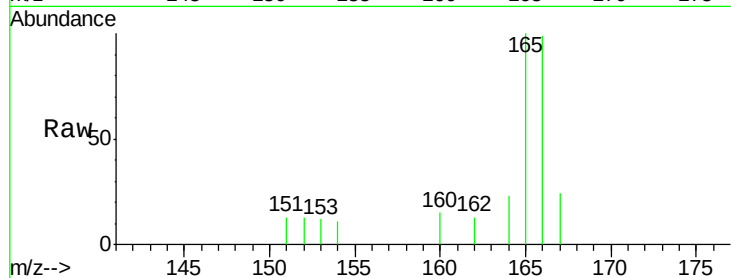
ClientSampleId :

A51A8

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.0	117.0
167	24.1	12.2	18.4

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#12

Phenanthrene

Concen: 0.467 ng/ul

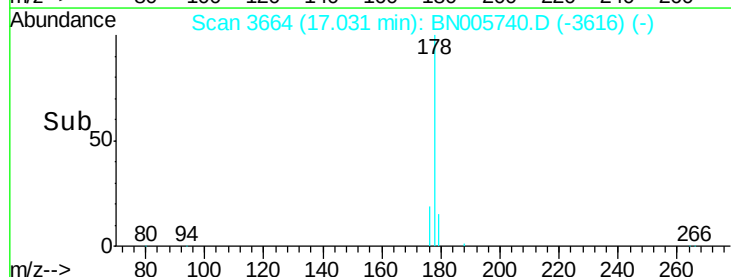
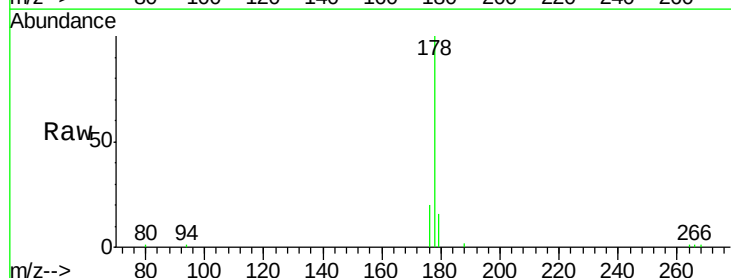
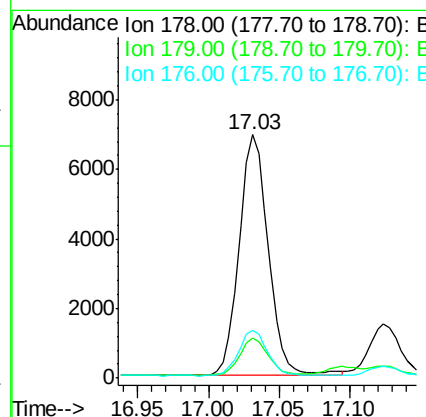
RT: 17.03 min Scan# 3664

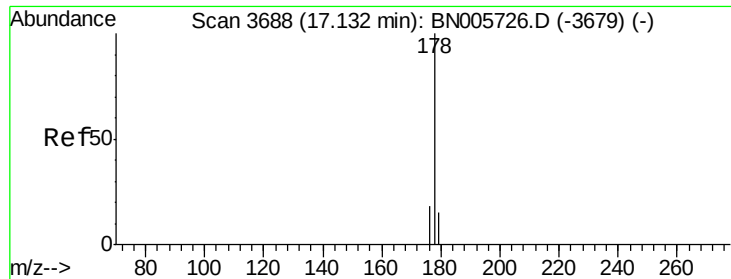
Delta R.T. 0.00 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.7	15.3	22.9





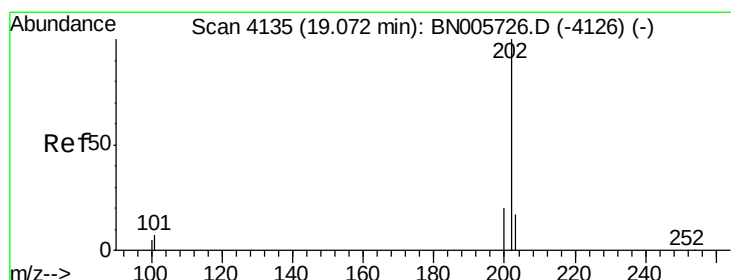
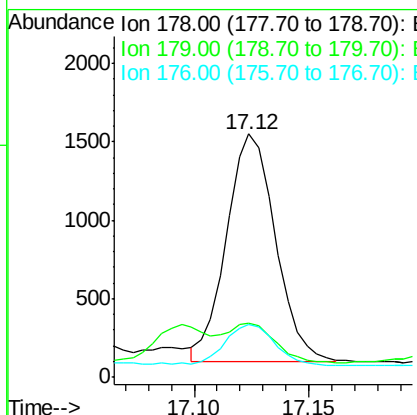
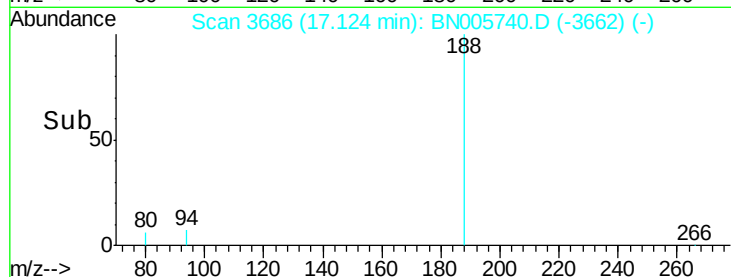
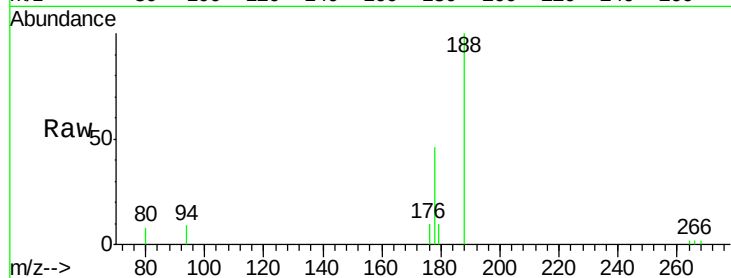
#13
 Anthracene
 Concen: 0.102 ng/ul m
 RT: 17.12 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: BN005740.D
 Acq: 17 May 2019 21:18

Instrument :
 BNA_N
 ClientSampleId :
 A51A8

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.4	13.4	20.2#
176	21.9	15.1	22.7

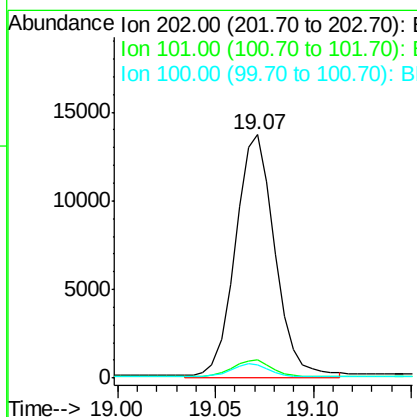
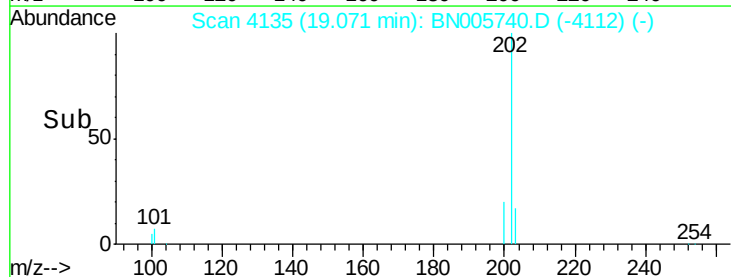
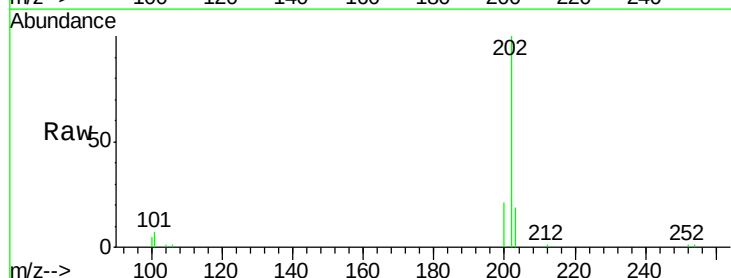
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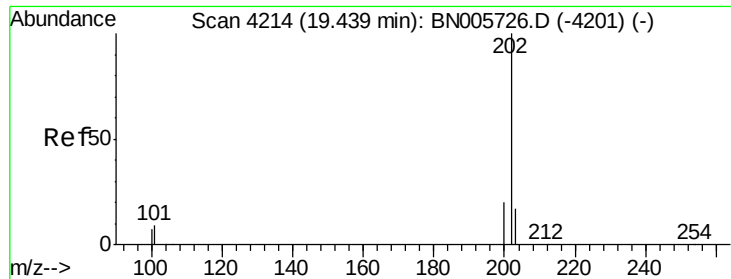
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#15
 Fluoranthene
 Concen: 0.668 ng/ul m
 RT: 19.07 min Scan# 4135
 Delta R.T. 0.01 min
 Lab File: BN005740.D
 Acq: 17 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	29.4
100	5.5	0.0	27.1





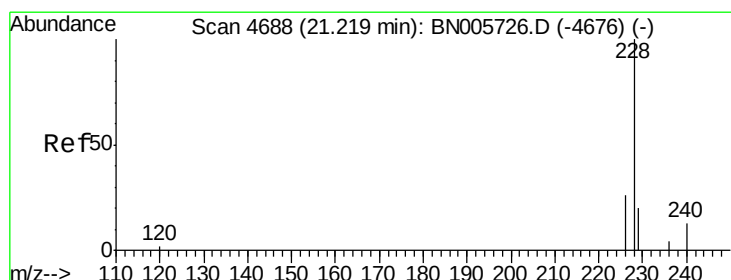
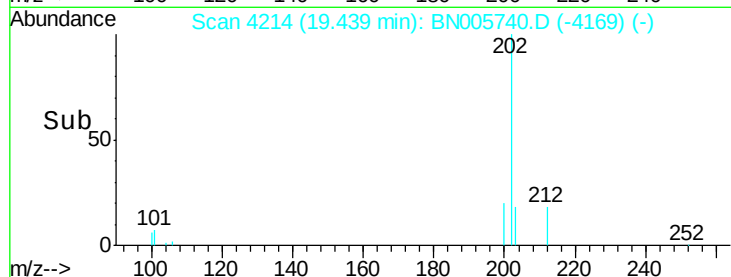
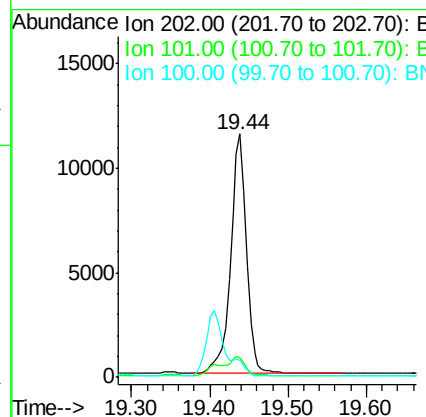
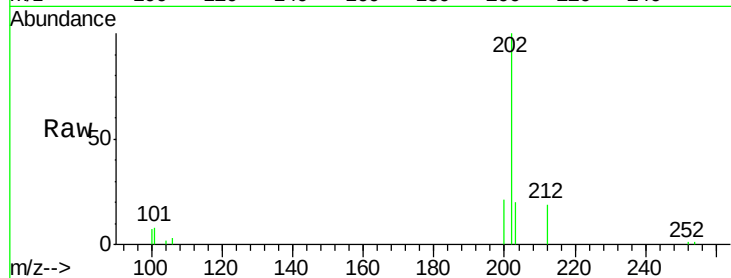
#17
Pvrene
Concen: 0.834 ng/ul
RT: 19.44 min Scan# 4214
Delta R.T. 0.01 min
Lab File: BN005740.D
Acq: 17 May 2019 21:18

Instrument :
BNA_N
ClientSampleId :
A51A8

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.1	8.5	12.7#
100	6.8	6.9	10.3#

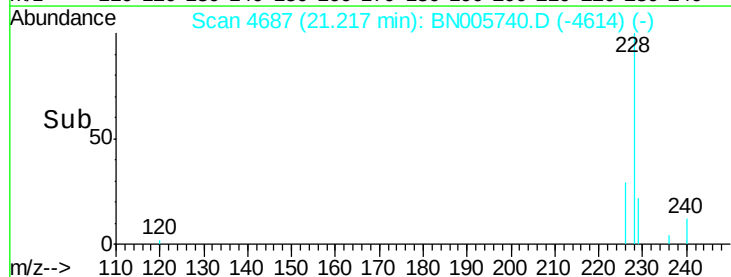
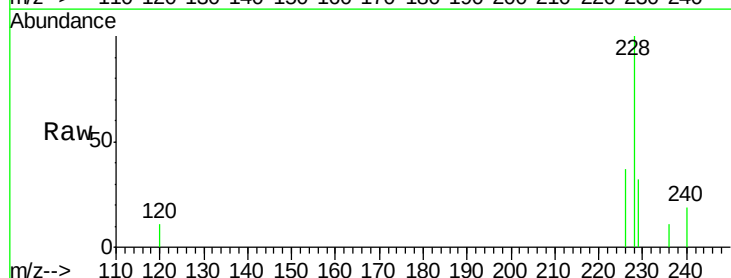
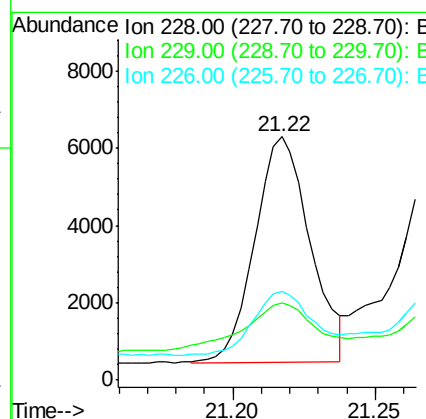
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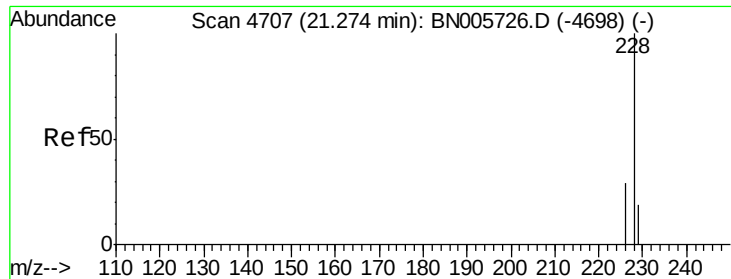
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#18
Benzo(a)anthracene
Concen: 0.437 ng/ul m
RT: 21.22 min Scan# 4687
Delta R.T. 0.01 min
Lab File: BN005740.D
Acq: 17 May 2019 21:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	31.5	15.8	23.8#
226	36.5	21.7	32.5#





#19

Chrysene

Concen: 0.388 ng/ul m

RT: 21.27 min Scan# 4705

Delta R.T. 0.01 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Instrument :

BNA_N

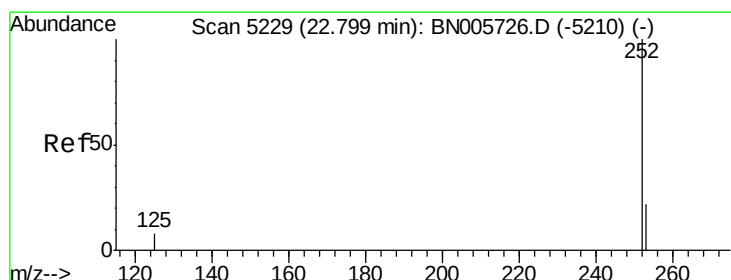
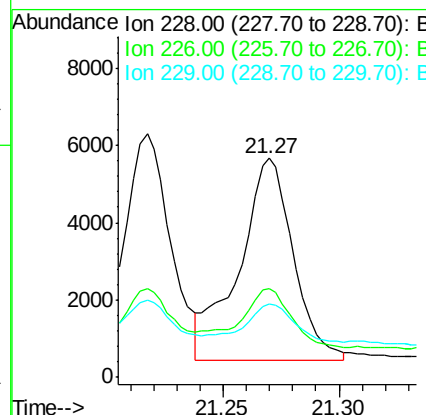
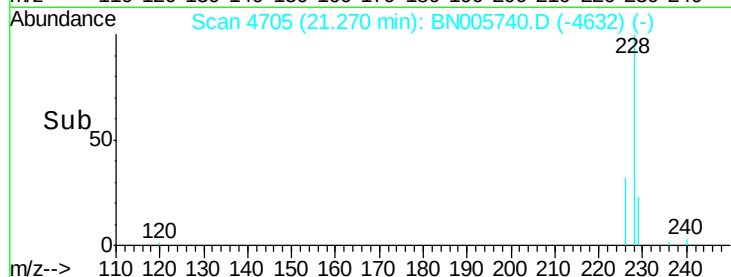
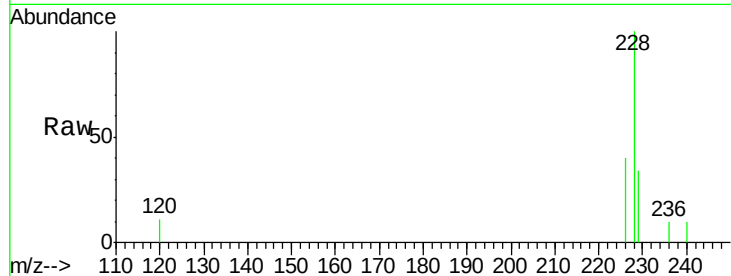
ClientSampleId :

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Tot Ion:	228	Resp:	8631
Ion Ratio	Lower	Upper	
228	100		
226	40.5	23.2	34.8#
229	33.7	16.0	24.0#

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#21

Benzo(b)fluoranthene

Concen: 0.740 ng/ul m

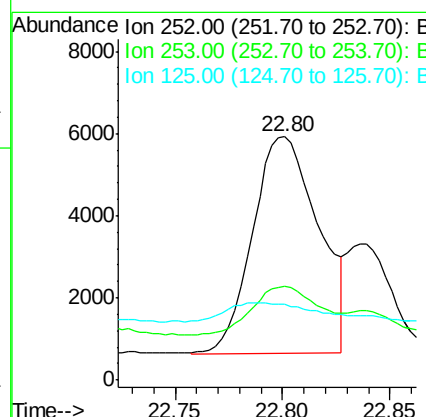
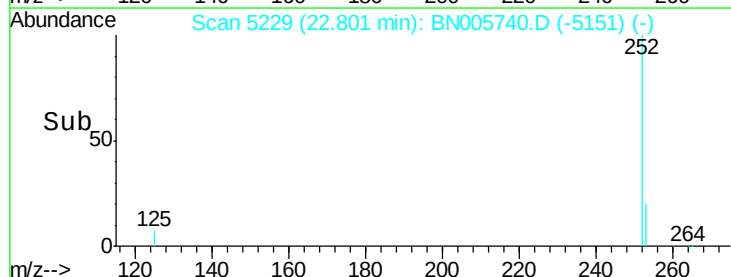
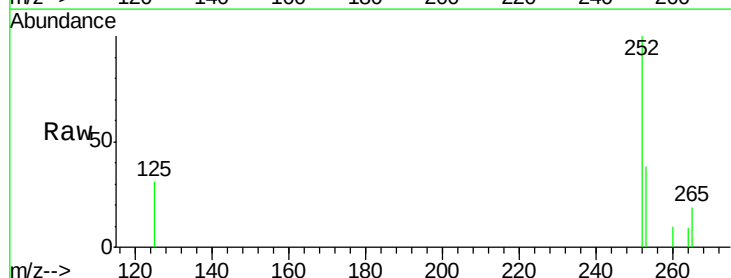
RT: 22.80 min Scan# 5229

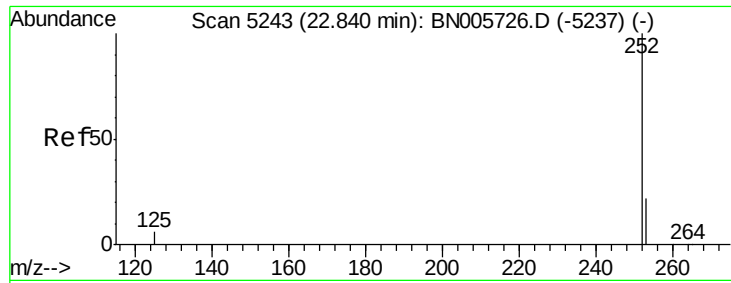
Delta R.T. 0.03 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Tgt Ion:	252	Resp:	11359
Ion Ratio	Lower	Upper	
252	100		
253	38.3	0.0	47.6
125	31.0	0.0	20.8#





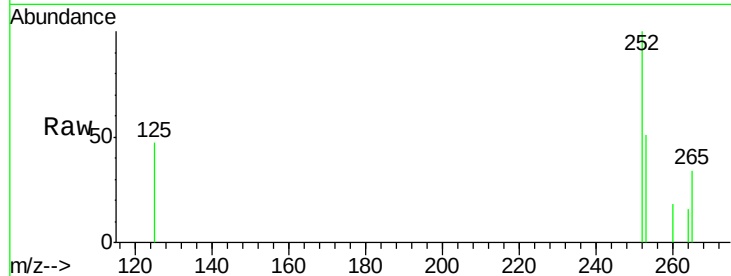
#22
Benzo(k)fluoranthene
Concen: 0.201 ng/ul m
RT: 22.84 min Scan# 5241
Delta R.T. 0.02 min
Lab File: BN005740.D
Acq: 17 May 2019 21:18

Instrument :
BNA_N
ClientSampleId :
A51A8

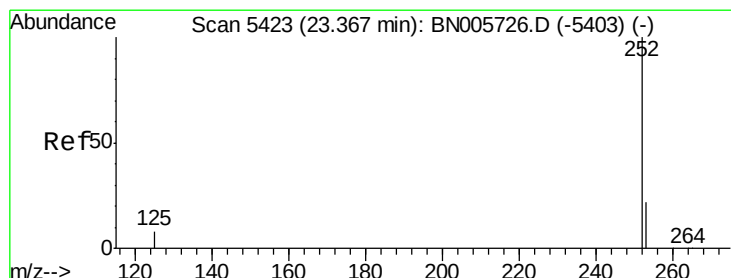
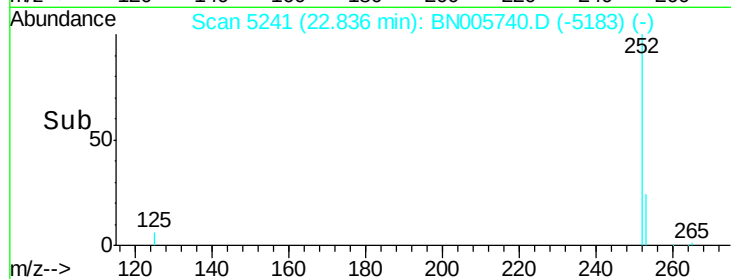
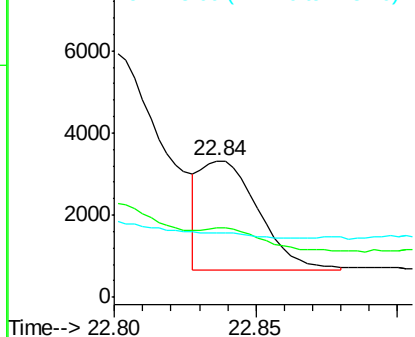
Tot Ion	Ratio	Lower	Upper
252	100		
253	51.0	18.8	28.2#
125	47.4	7.6	11.4#

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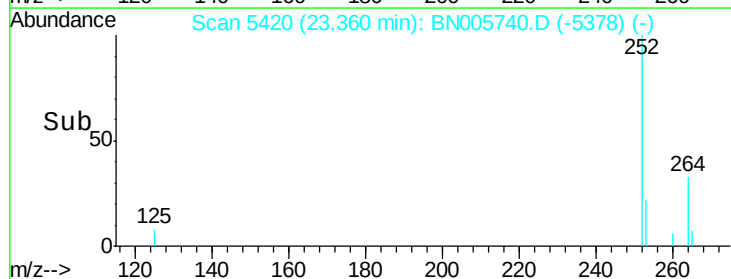
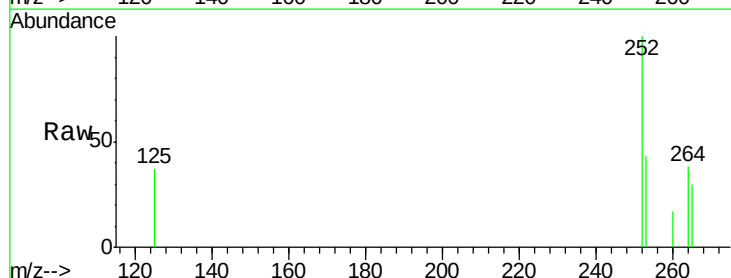
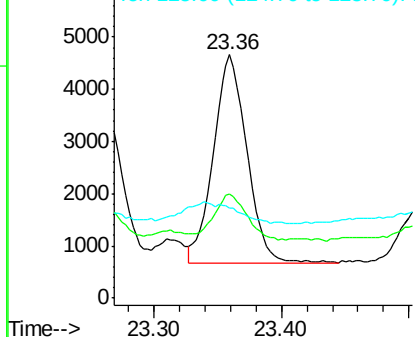
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

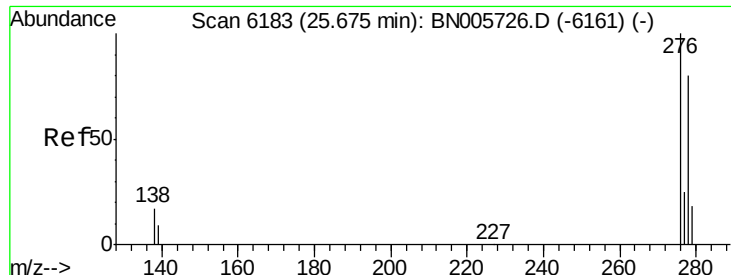


#23
Benzo(a)pyrene
Concen: 0.421 ng/ul
RT: 23.36 min Scan# 5420
Delta R.T. 0.02 min
Lab File: BN005740.D
Acq: 17 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.5	19.6	29.4#
125	36.9	10.1	15.1#

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





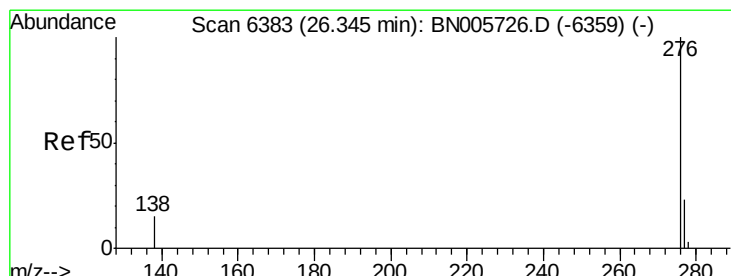
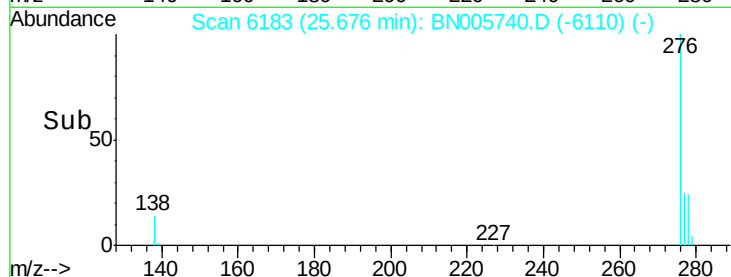
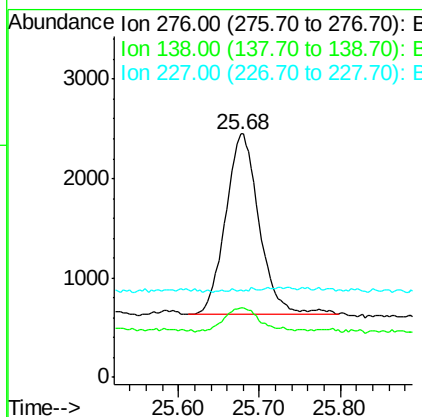
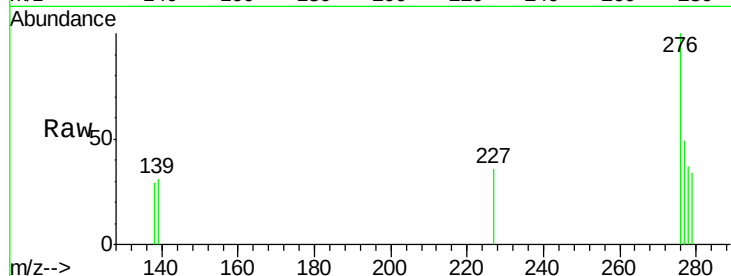
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.274 ng/ul
 RT: 25.68 min Scan# 6183
 Delta R.T. 0.05 min
 Lab File: BN005740.D
 Acq: 17 May 2019 21:18

Instrument :
 BNA_N
 ClientSampleId :
 A51A8

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	15.8	23.8#
227	0.6	0.1	0.1#

Manual Integrations
 APPROVED

mohammad
 5/21/2019 2:18:16 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.224 ng/ul
 RT: 26.35 min Scan# 6385
 Delta R.T. 0.06 min
 Lab File: BN005740.D
 Acq: 17 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.6	15.6	23.4#
277	58.5	20.6	31.0#

