

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006567.D
 Acq On : 25 Jun 2019 12:40
 Operator : HP/JU
 Sample : K3360-21MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4202MS

Manual Integrations
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mohammad
 6/25/2019 10:21:58 PM

Quant Time: Jun 25 13:22:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4027	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	14094	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	6385	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	11614	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	8857	0.40	ng/ul	0.03
20) Perylene-d12	23.54	264	10392	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4907	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	8485	0.27	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	914	0.024	ng/ul#	74
7) Acenaphthylene	14.01	152	979	0.028	ng/ul#	78
8) Acenaphthene	14.35	153	6992	0.284	ng/ul	99
9) Fluorene	15.35	166	816	0.028	ng/ul#	93
11) Pentachlorophenol	16.74	266	110	0.037	ng/ul	92
12) Phenanthrene	17.09	178	30661	0.822	ng/ul	99
13) Anthracene	17.18	178	4932	0.139	ng/ul#	94
15) Fluoranthene	19.12	202	130810	3.178	ng/ul	100
17) Pyrene	19.48	202	120129	2.575	ng/ul	100
18) Benzo(a)anthracene	21.27	228	54372	1.388	ng/ul	100
19) Chrysene	21.32	228	73604	2.001	ng/ul	100
21) Benzo(b)fluoranthene	22.87	252	109137m	2.519	ng/ul	
22) Benzo(k)fluoranthene	22.91	252	40791m	0.966	ng/ul	
23) Benzo(a)pyrene	23.44	252	63314	1.569	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.78	276	51911	1.188	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.79	278	11820	0.338	ng/ul	99
26) Benzo(g,h,i)perylene	26.47	276	44775	1.224	ng/ul	94

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

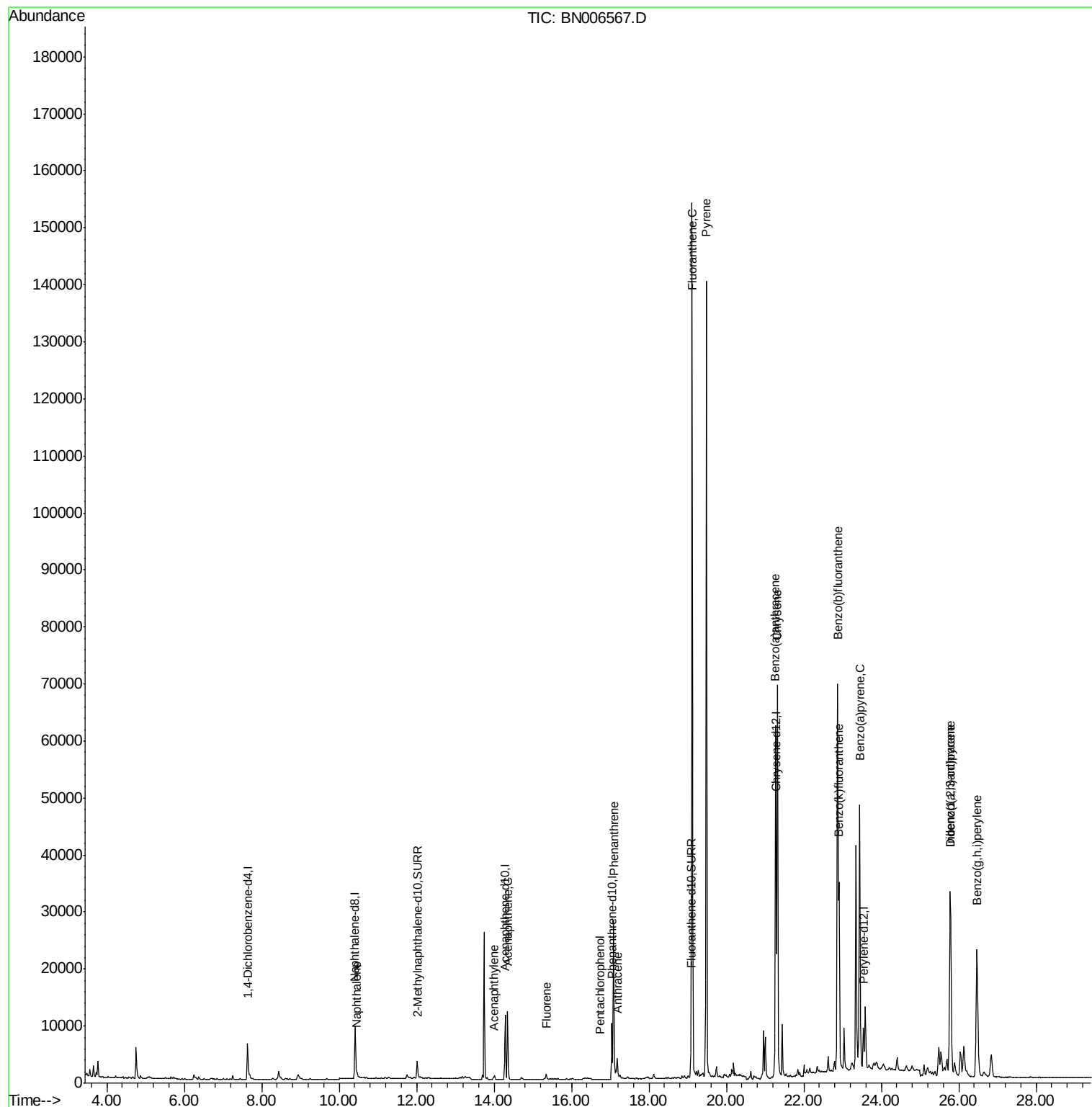
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006567.D
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Misc :
ALS Vial : 44 Sample Multiplier: 1

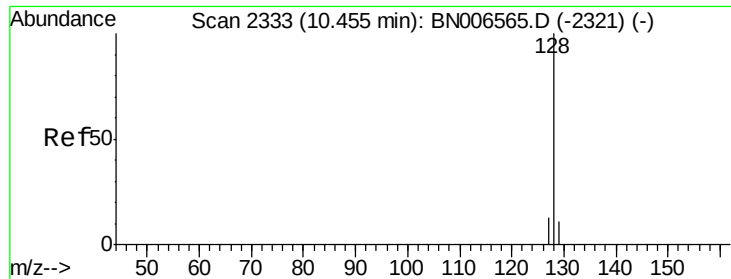
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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.46 min Scan# 2334

Delta R.T. 0.01 min

Lab File: BN006567.D

Acq: 25 Jun 2019 12:40

Instrument :

BNA_N

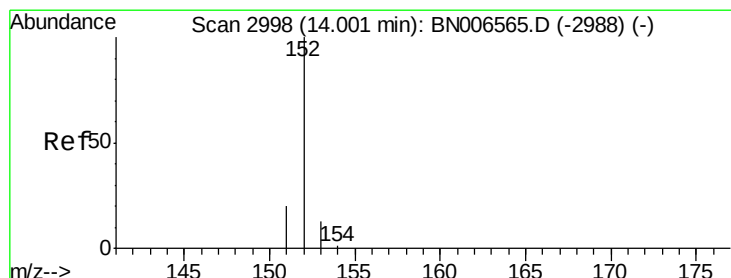
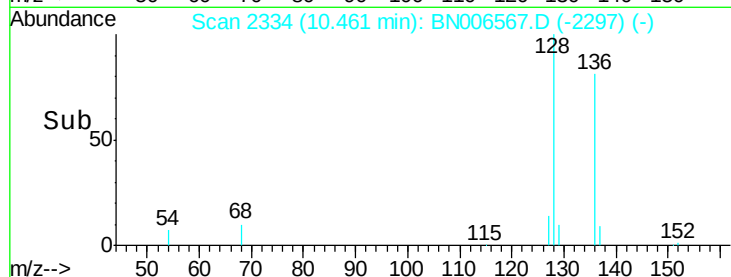
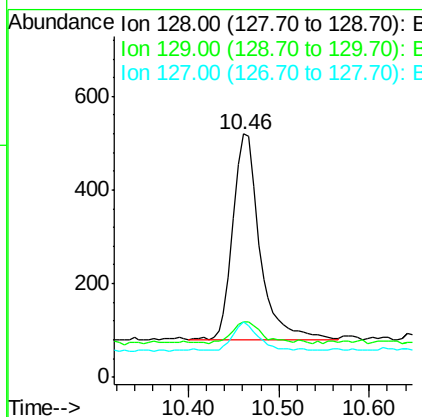
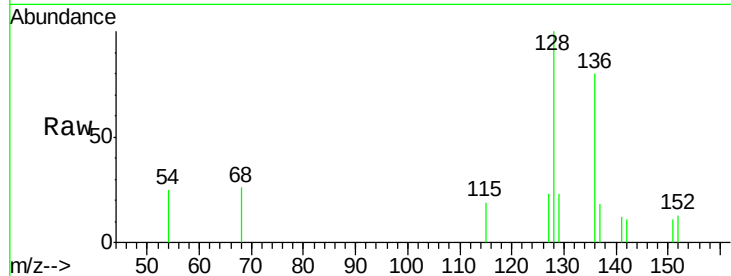
ClientSampleId :

A4202MS

Tgt Ion:	128	Resp:	914
Ion Ratio	Lower	Upper	
128	100		
129	22.7	9.3	13.9#
127	22.7	10.7	16.1#

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#7

Acenaphthylene

Concen: 0.028 ng/ul

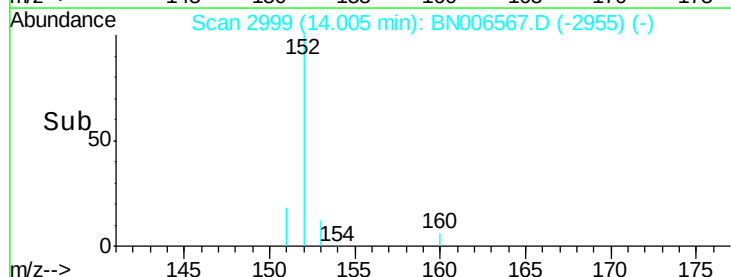
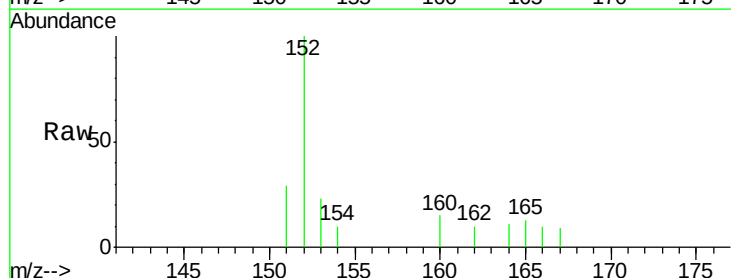
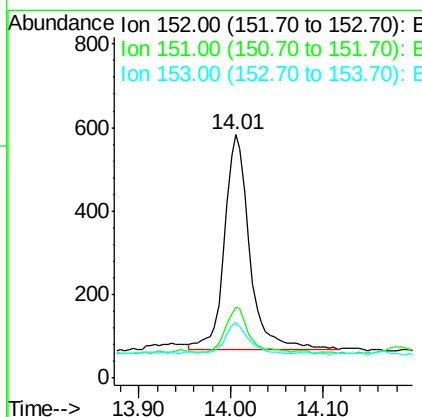
RT: 14.01 min Scan# 2999

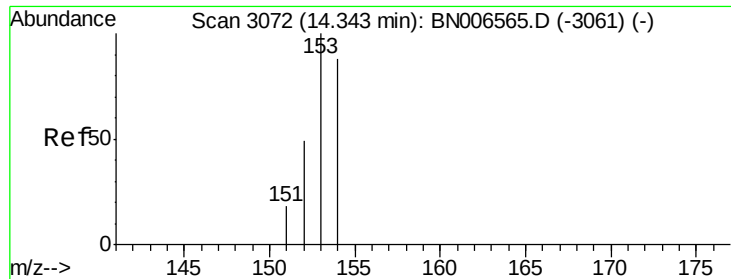
Delta R.T. 0.00 min

Lab File: BN006567.D

Acq: 25 Jun 2019 12:40

Tgt Ion:	152	Resp:	979
Ion Ratio	Lower	Upper	
152	100		
151	29.2	15.8	23.8#
153	22.8	10.8	16.2#





#8

Acenaphthene

Concen: 0.284 ng/ul

RT: 14.35 min Scan# 3073

Delta R.T. 0.00 min

Lab File: BN006567.D

Acq: 25 Jun 2019 12:40

Instrument :

BNA_N

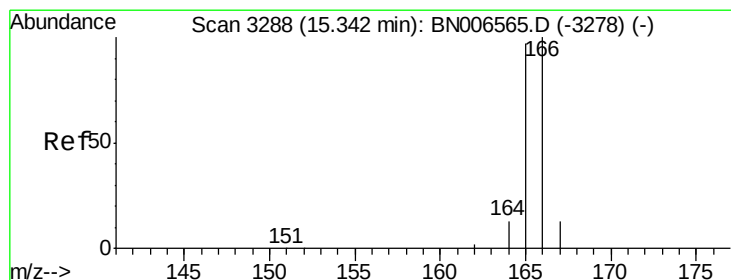
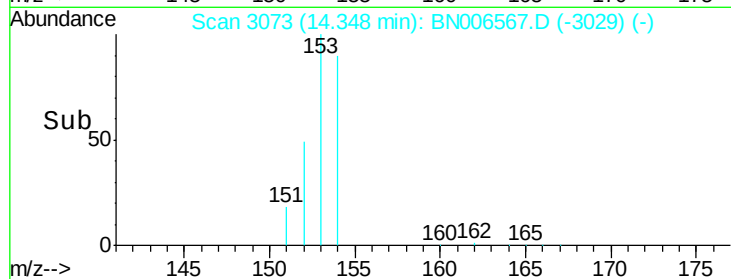
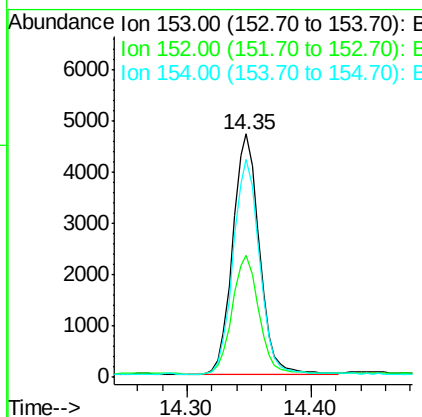
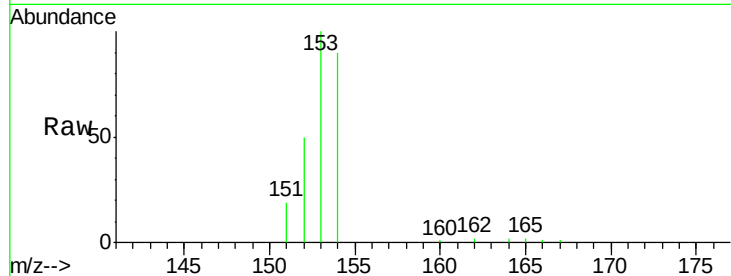
ClientSampleId :

A4202MS

Tgt Ion:	153	Resp:	6992
Ion Ratio	Lower	Upper	
153	100		
152	50.1	39.1	58.7
154	89.6	71.1	106.7

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#9

Fluorene

Concen: 0.028 ng/ul

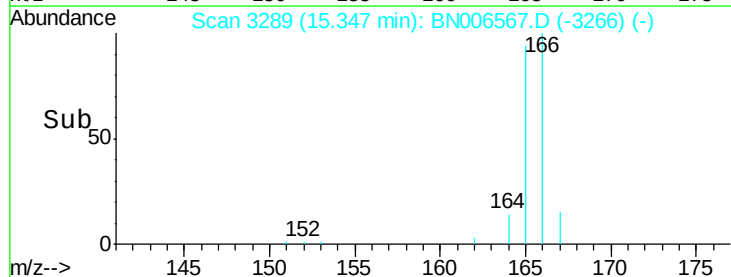
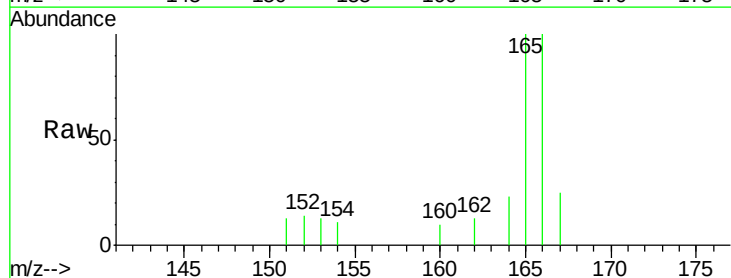
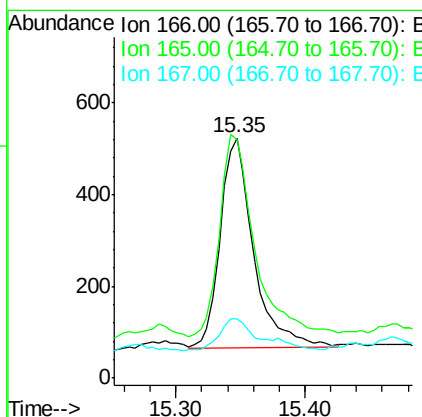
RT: 15.35 min Scan# 3289

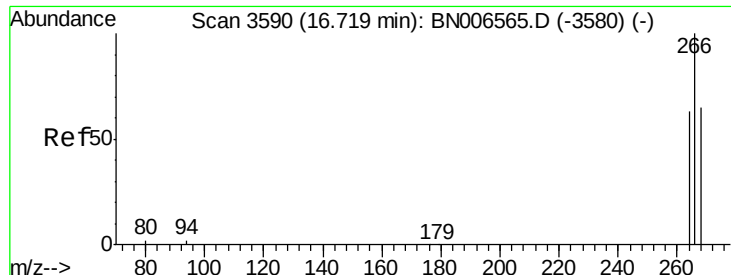
Delta R.T. 0.00 min

Lab File: BN006567.D

Acq: 25 Jun 2019 12:40

Tgt Ion:	166	Resp:	816
Ion Ratio	Lower	Upper	
166	100		
165	99.6	76.4	114.6
167	24.7	11.0	16.6#





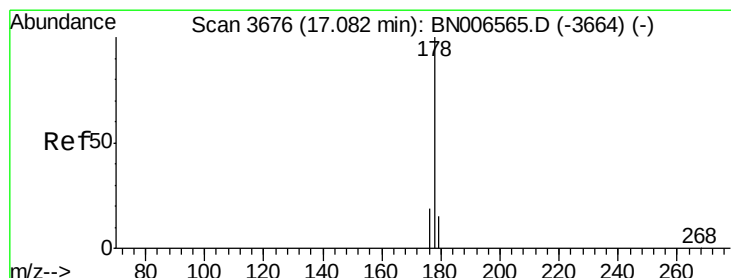
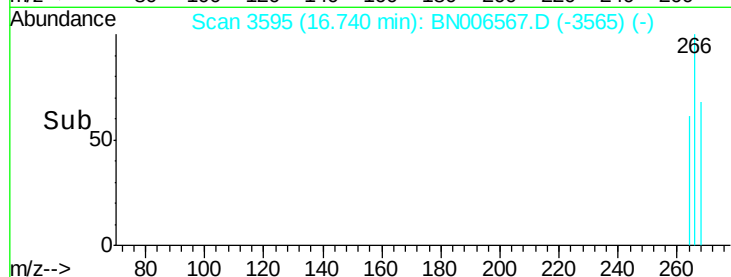
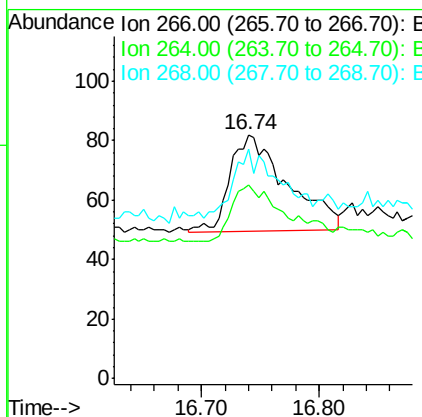
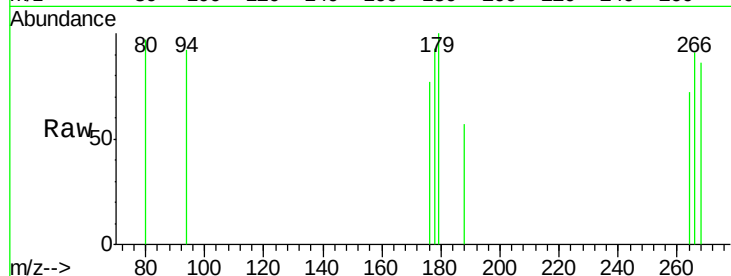
#11
 Pentachlorophenol
 Concen: 0.037 ng/ul
 RT: 16.74 min Scan# 3595
 Delta R.T. 0.03 min
 Lab File: BN006567.D
 Acq: 25 Jun 2019 12:40

Instrument :
 BNA_N
 ClientSampleId :
 A4202MS

Tgt Ion	Ratio	Lower	Upper
266	100		
264	56.4	50.3	75.5
268	58.2	51.3	76.9

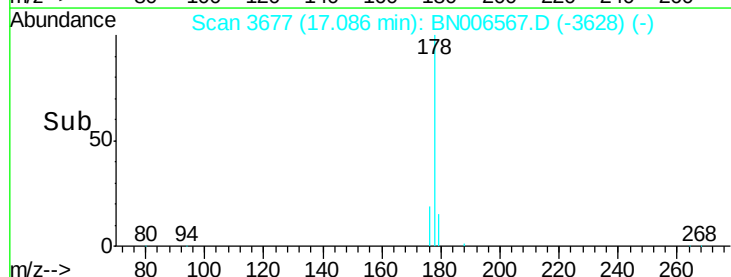
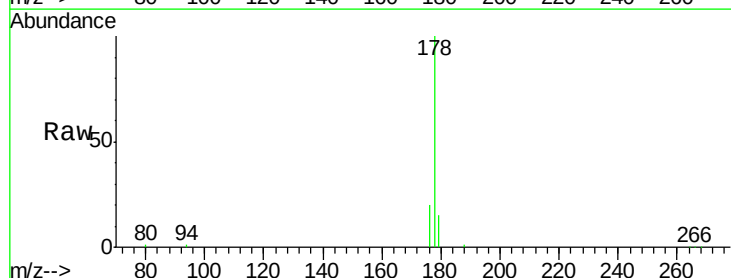
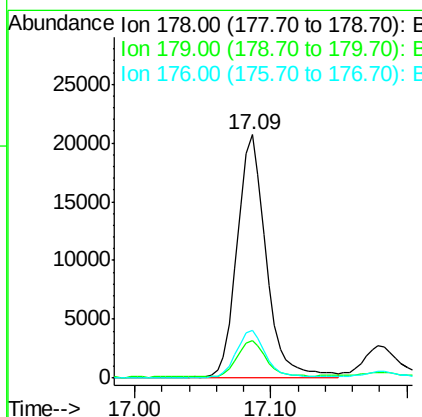
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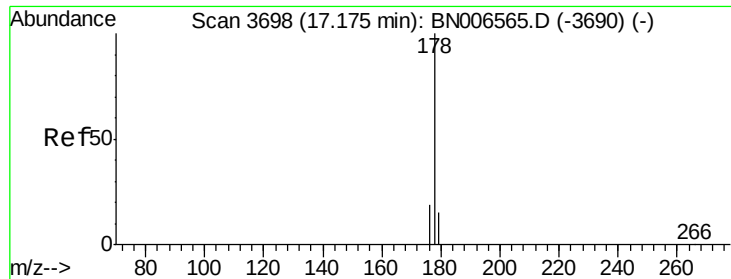
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#12
 Phenanthrene
 Concen: 0.822 ng/ul
 RT: 17.09 min Scan# 3677
 Delta R.T. 0.01 min
 Lab File: BN006567.D
 Acq: 25 Jun 2019 12:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.6	15.3	22.9





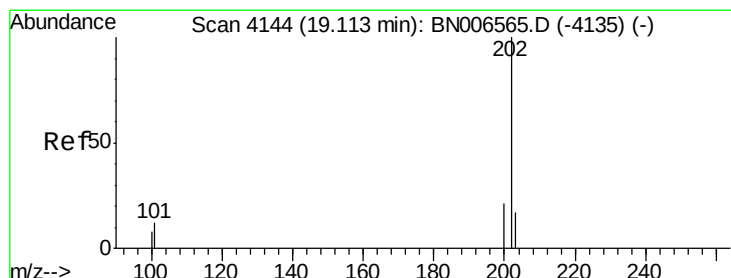
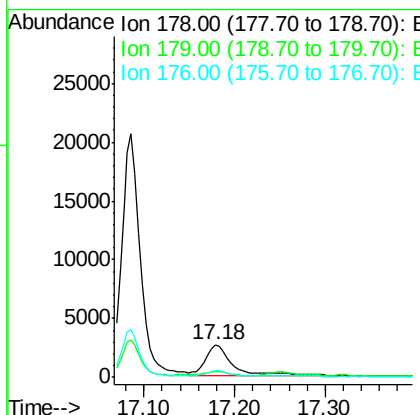
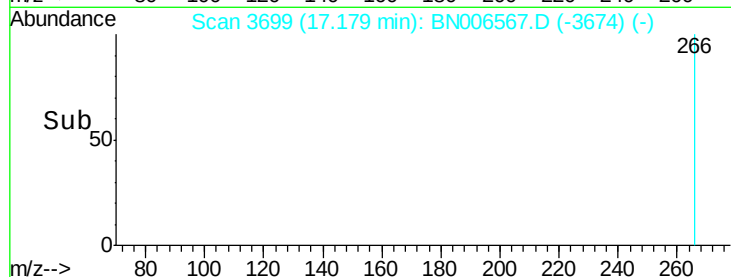
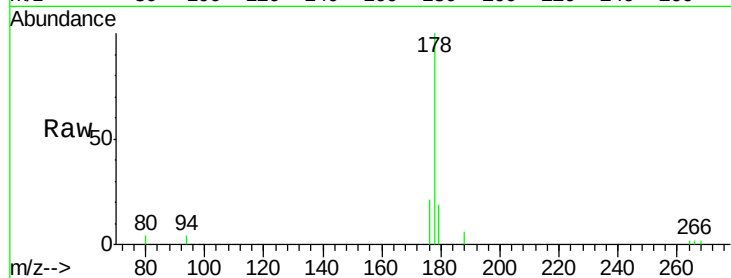
#13
 Anthracene
 Concen: 0.139 ng/ul
 RT: 17.18 min Scan# 3699
 Delta R.T. 0.00 min
 Lab File: BN006567.D
 Acq: 25 Jun 2019 12:40

Instrument :
 BNA_N
 ClientSampleId :
 A4202MS

Tgt Ion:178 Resp: 4932
 Ion Ratio Lower Upper
 178 100
 179 18.7 12.2 18.4#
 176 20.6 15.1 22.7

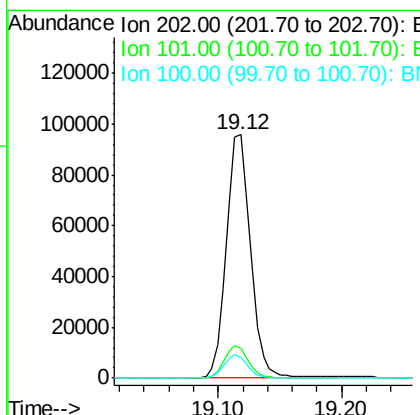
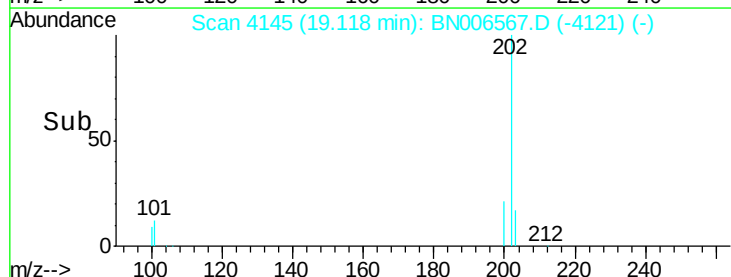
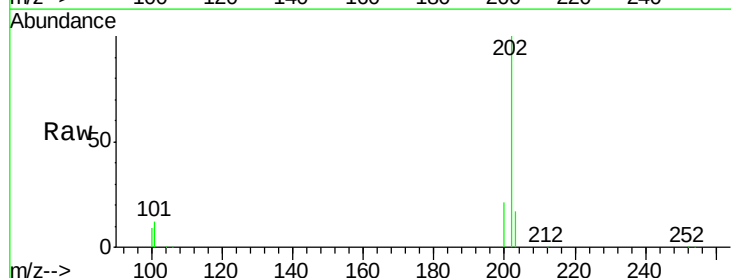
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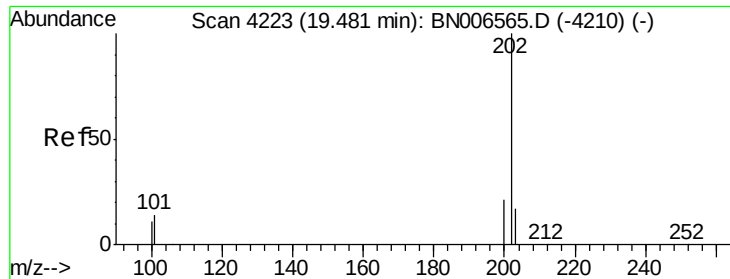
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#15
 Fluoranthene
 Concen: 3.178 ng/ul
 RT: 19.12 min Scan# 4145
 Delta R.T. 0.01 min
 Lab File: BN006567.D
 Acq: 25 Jun 2019 12:40

Tgt Ion:202 Resp: 130810
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 32.1
 100 8.6 0.0 28.7





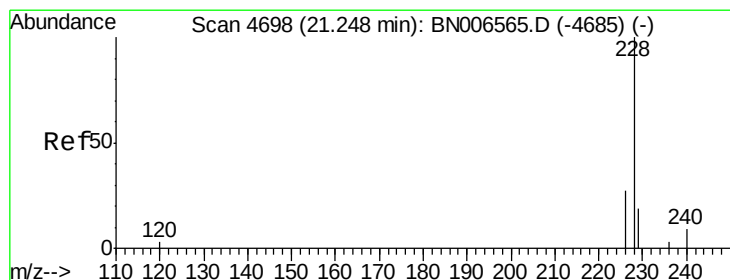
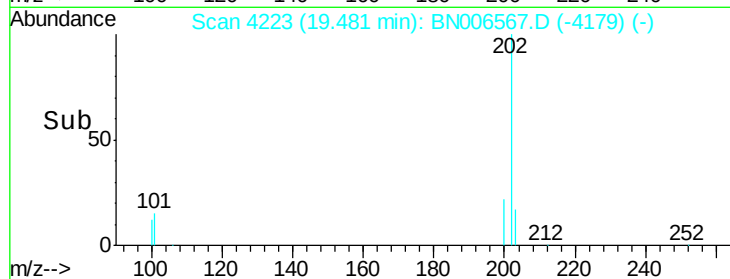
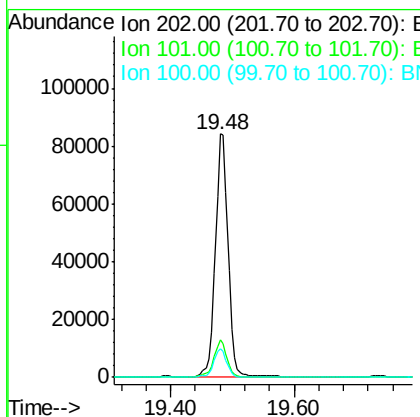
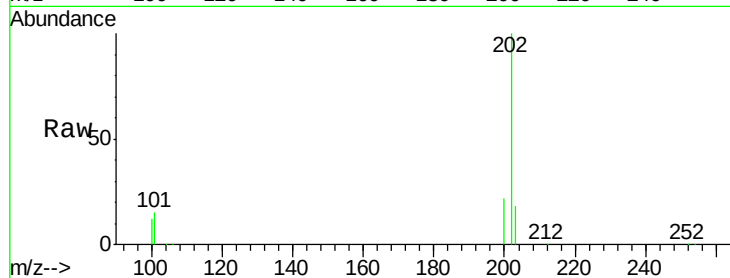
#17
 Pyrene
 Concen: 2.575 ng/ul
 RT: 19.48 min Scan# 4223
 Delta R.T. 0.00 min
 Lab File: BN006567.D
 Acq: 25 Jun 2019 12:40

Instrument :
 BNA_N
 ClientSampled :
 A4202MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	120129		
101	15.2		12.2	18.2
100	11.9		9.8	14.6

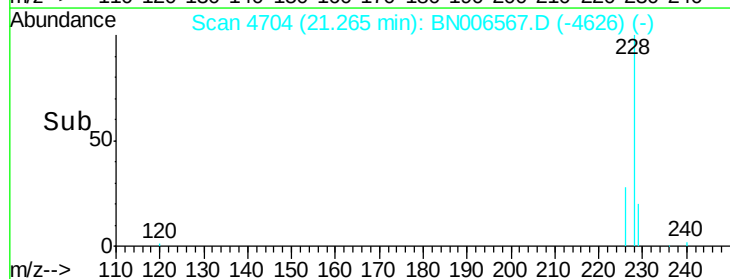
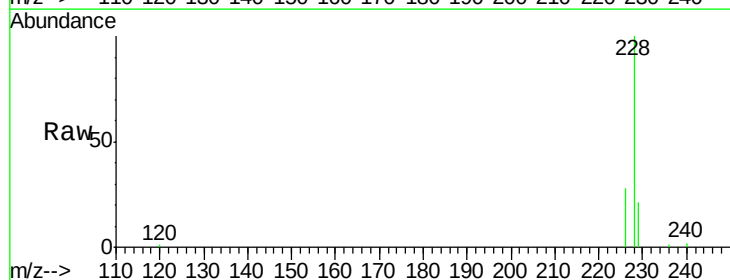
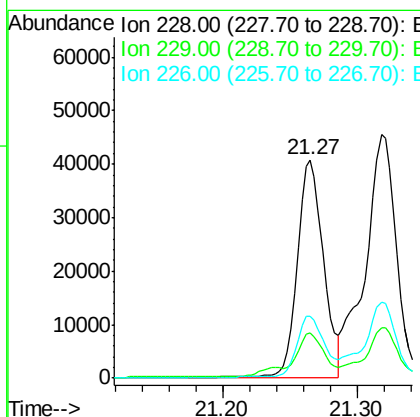
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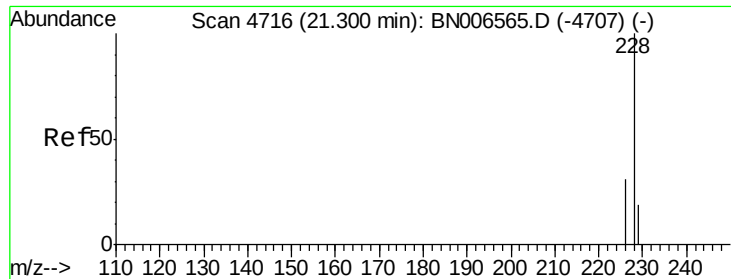
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#18
 Benzo(a)anthracene
 Concen: 1.388 ng/ul
 RT: 21.27 min Scan# 4704
 Delta R.T. 0.03 min
 Lab File: BN006567.D
 Acq: 25 Jun 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	54372		
229	20.6		16.5	24.7
226	28.4		22.8	34.2





#19

Chrysene

Concen: 2.001 ng/ul

RT: 21.32 min Scan# 4722

Delta R.T. 0.03 min

Lab File: BN006567.D

Acq: 25 Jun 2019 12:40

Instrument :

BNA_N

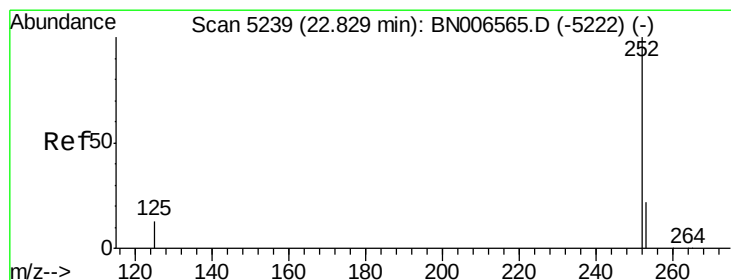
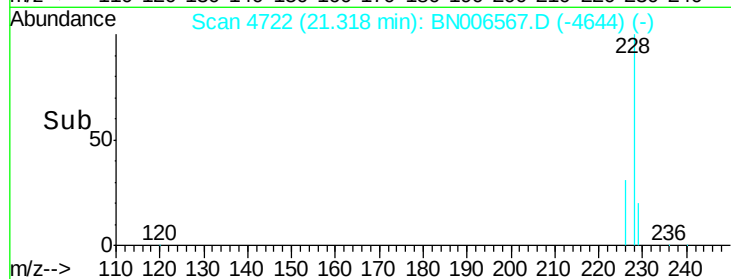
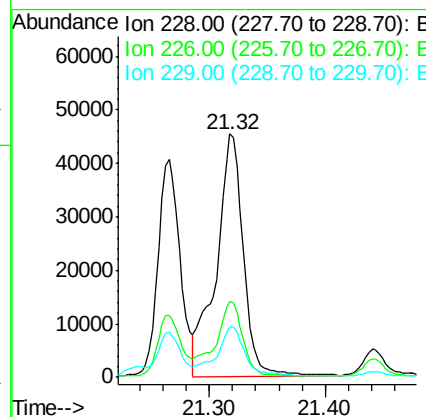
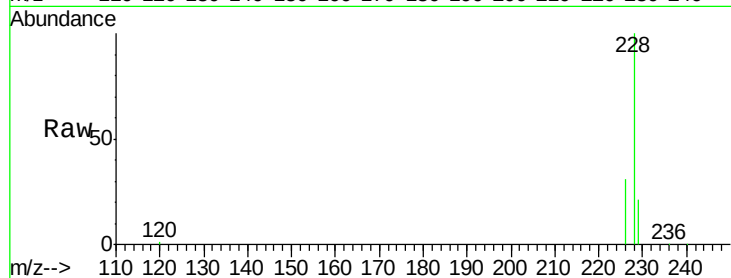
ClientSampleId :

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Tgt Ion:	228	Resp:	73604
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	20.8	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 2.519 ng/ul m

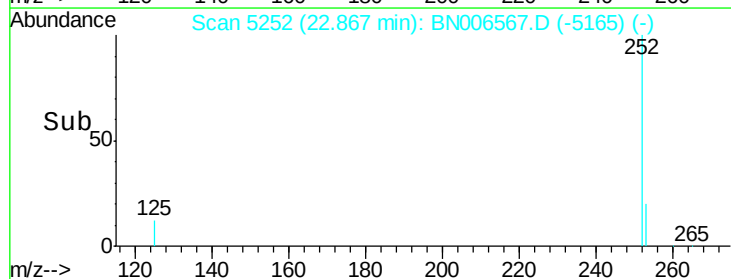
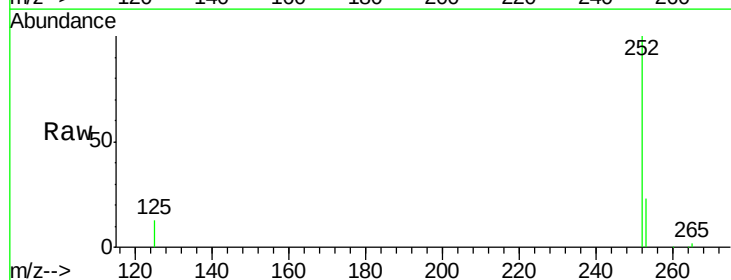
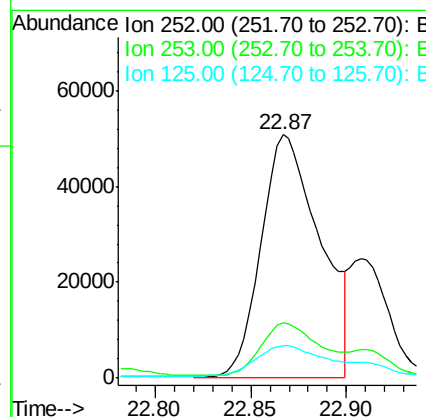
RT: 22.87 min Scan# 5252

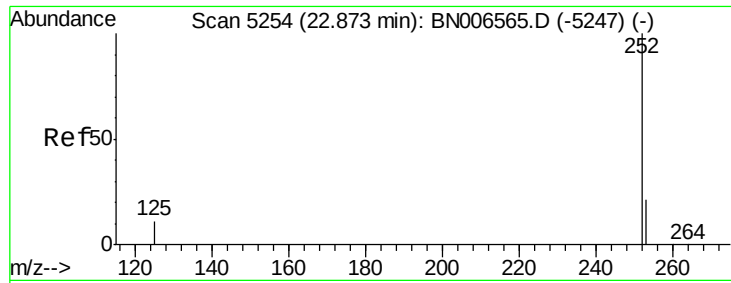
Delta R.T. 0.06 min

Lab File: BN006567.D

Acq: 25 Jun 2019 12:40

Tgt Ion:	252	Resp:	109137
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	51.4
125	13.2	0.0	41.0





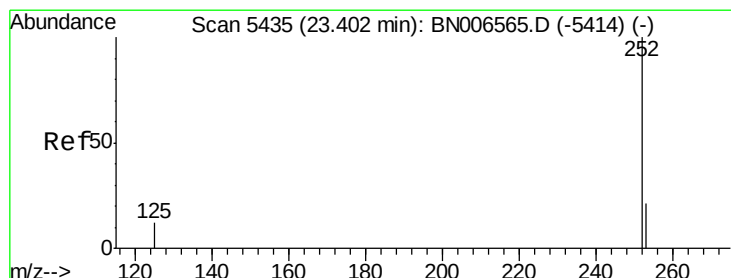
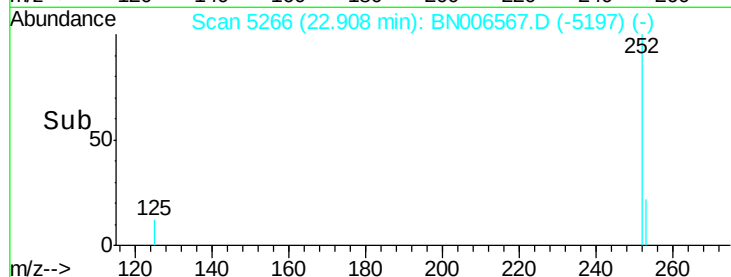
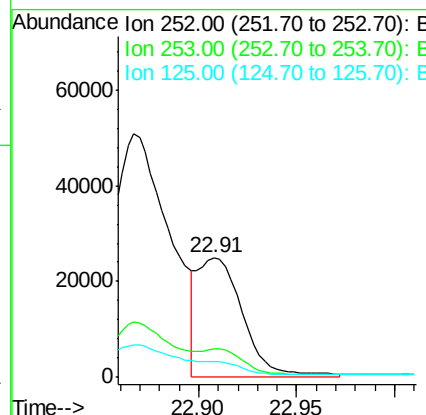
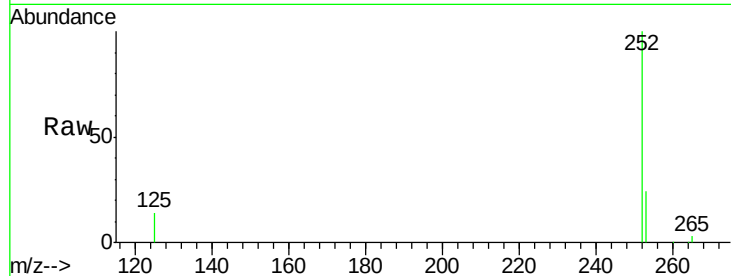
#22
Benzo(k)fluoranthene
Concen: 0.966 ng/ul m
RT: 22.91 min Scan# 5266
Delta R.T. 0.05 min
Lab File: BN006567.D
Acq: 25 Jun 2019 12:40

Instrument :
BNA_N
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A4202MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	13.6	14.3	21.5#

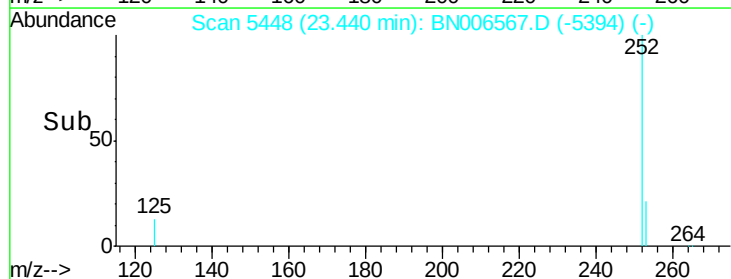
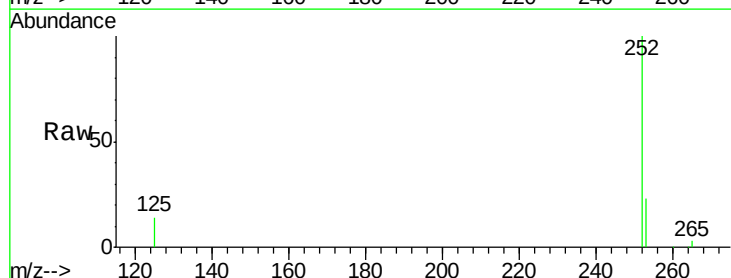
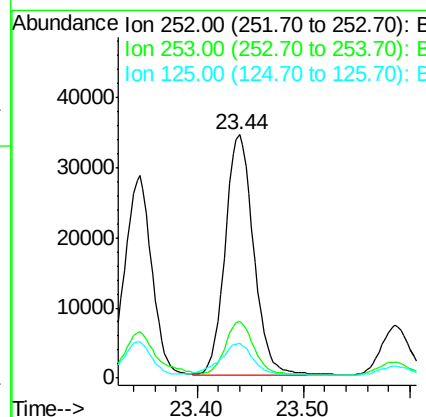
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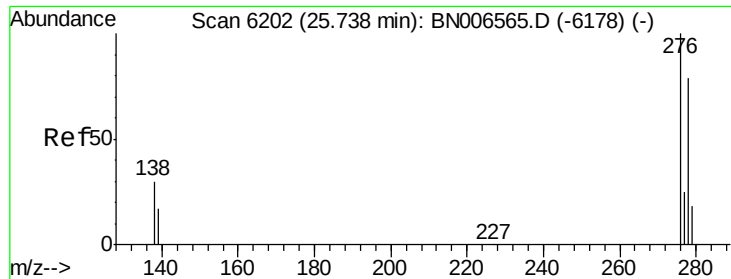
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#23
Benzo(a)pyrene
Concen: 1.569 ng/ul
RT: 23.44 min Scan# 5448
Delta R.T. 0.06 min
Lab File: BN006567.D
Acq: 25 Jun 2019 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.1	31.7
125	14.1	20.3	30.5#





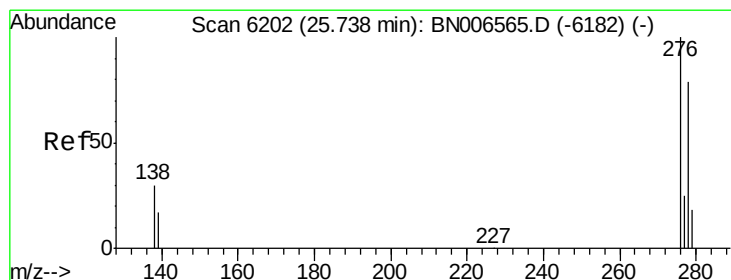
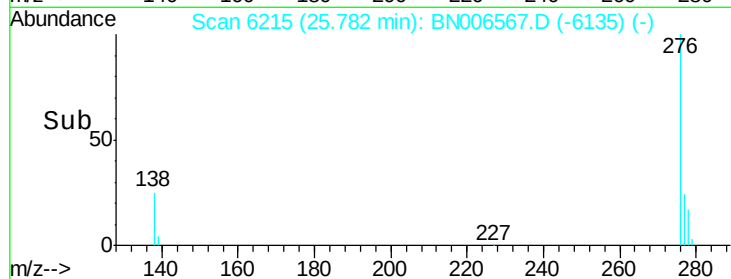
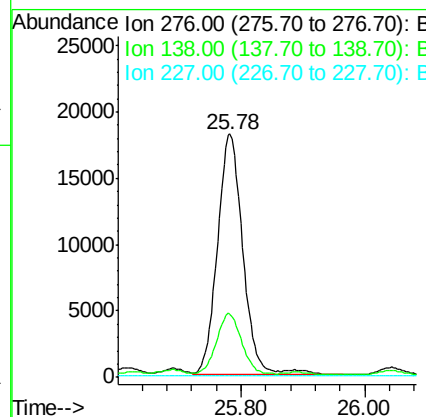
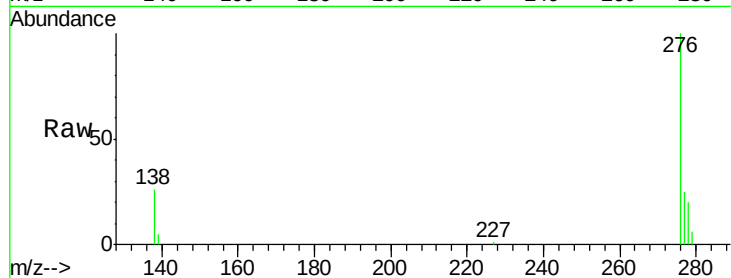
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.188 ng/ul
 RT: 25.78 min Scan# 6215
 Delta R.T. 0.07 min
 Lab File: BN006567.D
 Acq: 25 Jun 2019 12:40

Instrument :
 BNA_N
 ClientSampleId :
 A4202MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.6	38.4#
227	0.1	0.3	0.5#

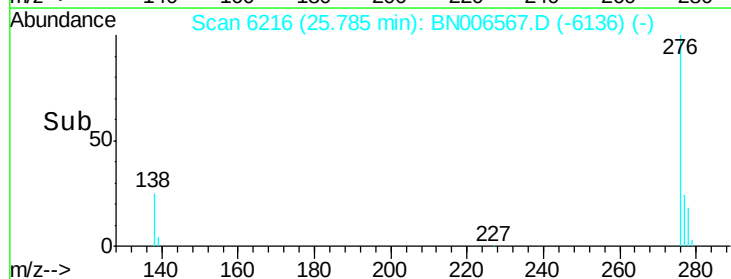
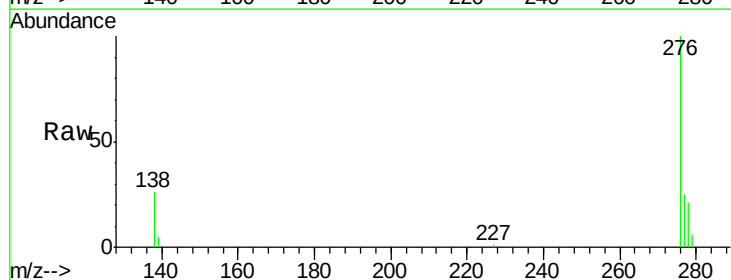
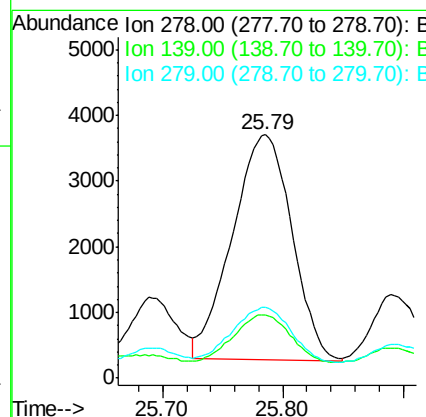
Manual Integrations
 APPROVED

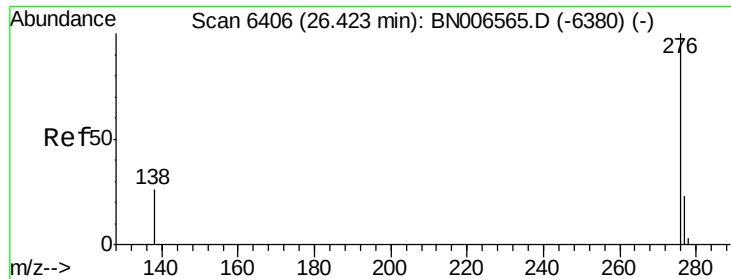
mohammad
 6/25/2019 10:21:58 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.338 ng/ul
 RT: 25.79 min Scan# 6216
 Delta R.T. 0.07 min
 Lab File: BN006567.D
 Acq: 25 Jun 2019 12:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.8	21.2	31.8
279	28.9	22.6	33.8





#26

Benzo(g,h,i)perylene

Concen: 1.224 ng/ul

RT: 26.47 min Scan# 6419

Delta R.T. 0.07 min

Lab File: BN006567.D

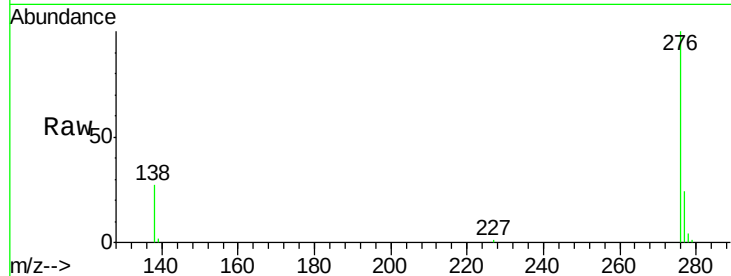
Acq: 25 Jun 2019 12:40

Instrument :

BNA_N

ClientSampleId :

A4202MS



Tgt Ion: 276 Resp: 44775

Ion Ratio Lower Upper

276 100

138 27.3 24.2 36.4

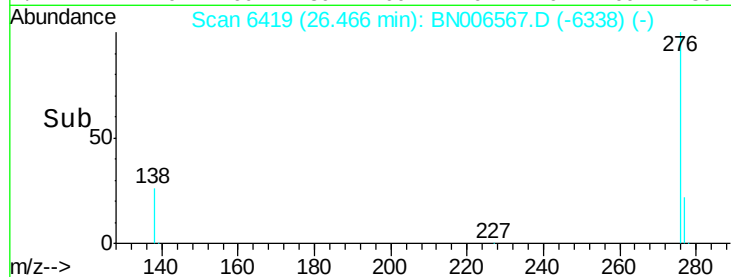
277 24.1 21.5 32.3

Manual Integrations

APPROVED

mohammad

6/25/2019 10:21:58 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

