

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006910.D
 Acq On : 19 Jul 2019 03:08
 Operator : HP/JU
 Sample : K3764-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52J1

Manual Integrations
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mohammad
 7/19/2019 4:00:03 PM

Quant Time: Jul 19 05:42:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3500	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	12735	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	6477	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	14297	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	12196	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	15685	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2211	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	5876	0.14	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	779	0.021	ng/ul#	67
7) Acenaphthylene	13.95	152	4995	0.149	ng/ul	96
9) Fluorene	15.30	166	1930	0.068	ng/ul#	95
12) Phenanthrene	17.04	178	50962	1.108	ng/ul	99
13) Anthracene	17.13	178	5522	0.139	ng/ul#	90
15) Fluoranthene	19.07	202	87630	1.541	ng/ul	99
17) Pyrene	19.43	202	84891	1.523	ng/ul	100
18) Benzo(a)anthracene	21.20	228	30176	0.602	ng/ul	98
19) Chrysene	21.26	228	44883	0.803	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	49952m	0.777	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	14951m	0.222	ng/ul	
23) Benzo(a)pyrene	23.34	252	29811	0.473	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.67	276	20555	0.323	ng/ul#	84
25) Dibenzo(a,h)anthracene	25.66	278	4678	0.092	ng/ul#	88
26) Benzo(g,h,i)perylene	26.34	276	20475	0.384	ng/ul	96

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

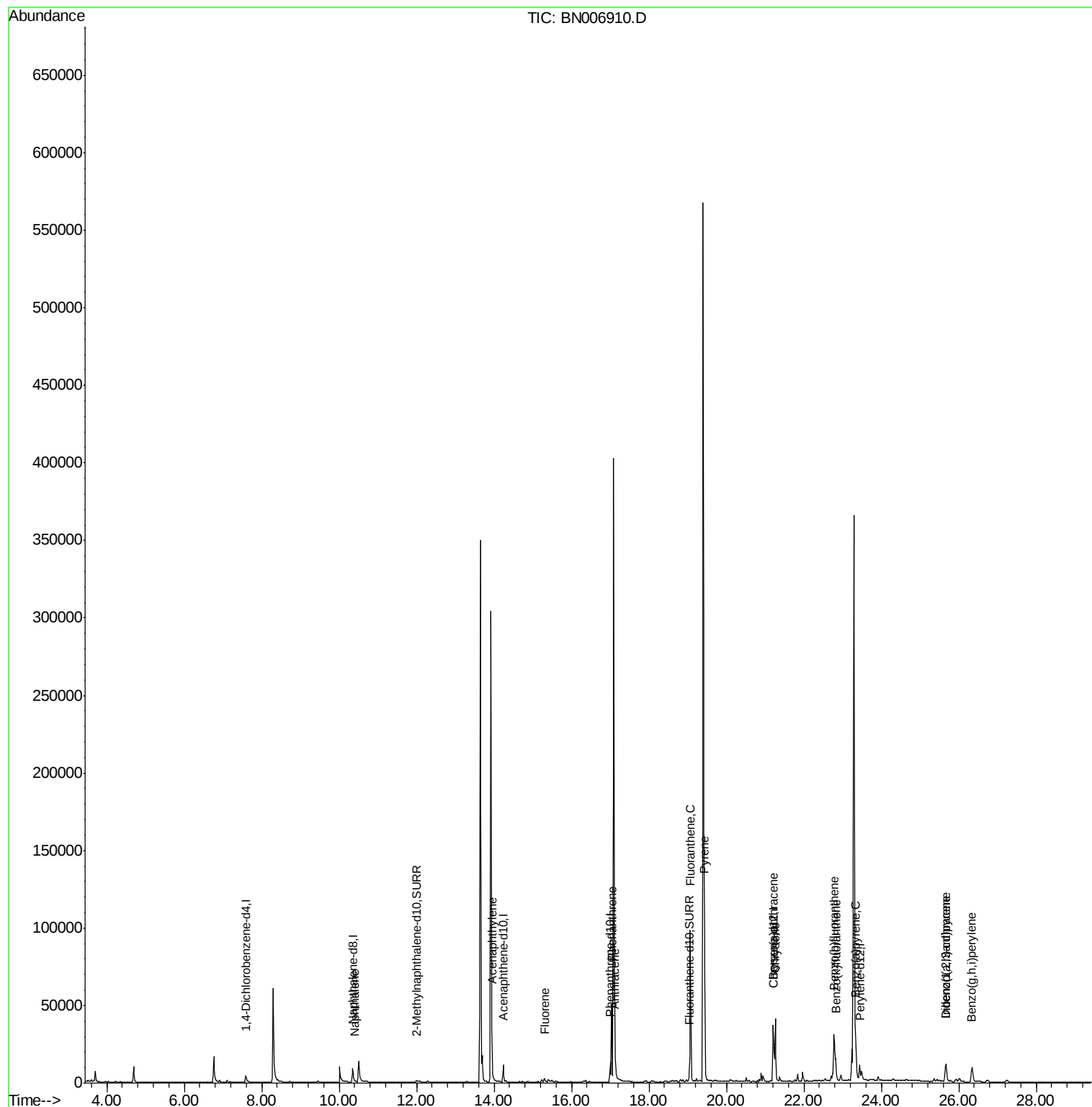
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006910.D
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ALS Vial : 26 Sample Multiplier: 1

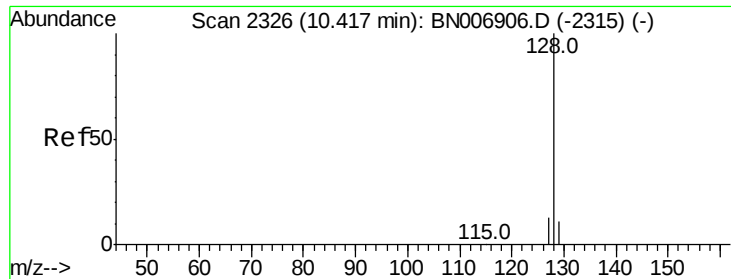
Instrument :
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Quant Time: Jul 19 05:42:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BN006910.D

Acq: 19 Jul 2019 03:08

Instrument :

BNA_N

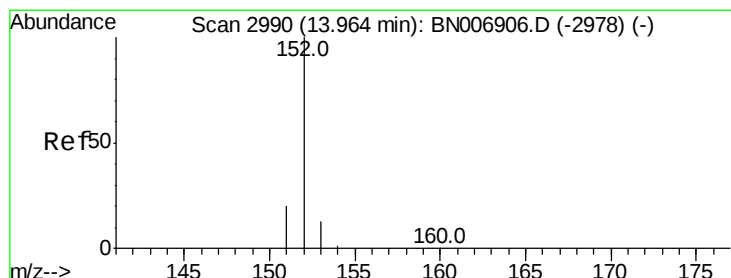
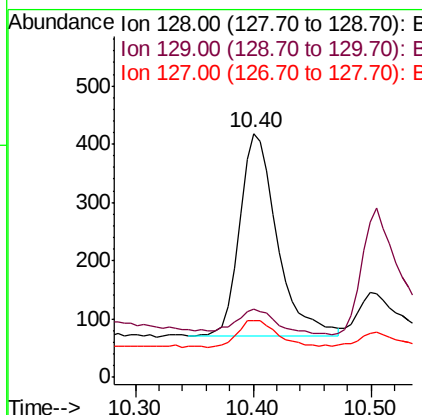
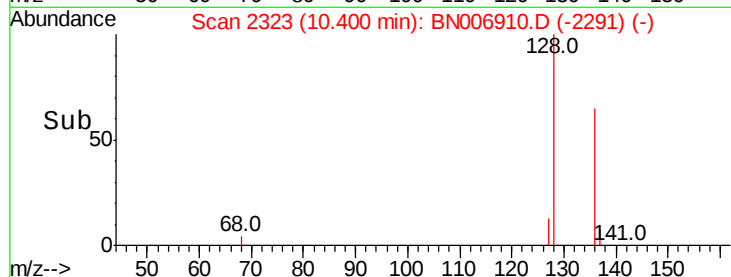
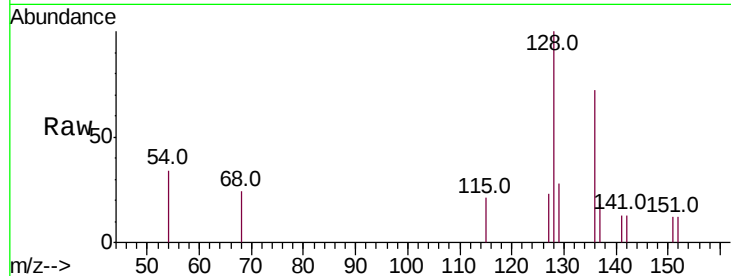
ClientSampled :

A52J1

Tot Ion:	128	Resp:	779
Ion	Ratio	Lower	Upper
128	100		
129	28.0	9.4	14.0#
127	23.0	10.6	16.0#

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#7

Acenaphthylene

Concen: 0.149 ng/ul

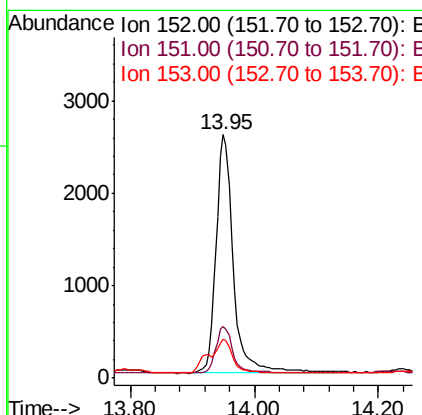
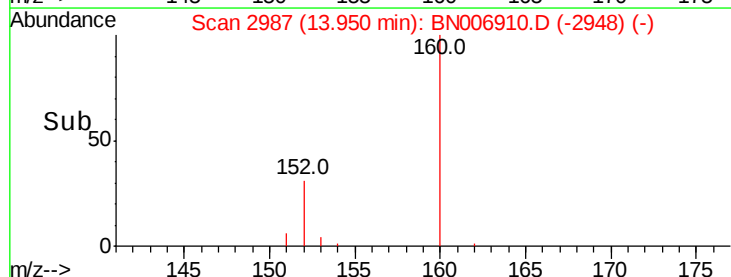
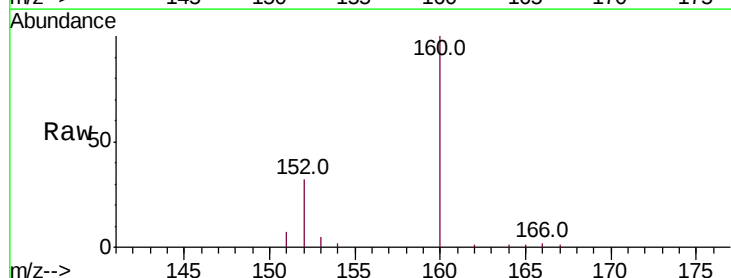
RT: 13.95 min Scan# 2987

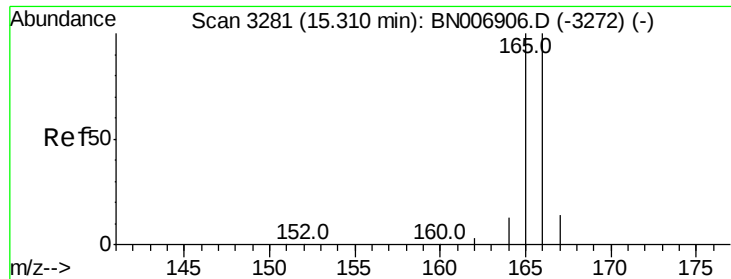
Delta R.T. -0.02 min

Lab File: BN006910.D

Acq: 19 Jul 2019 03:08

Tgt Ion:	152	Resp:	4995
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.1	24.1
153	16.1	11.2	16.8





#9

Fluorene

Concen: 0.068 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.02 min

Lab File: BN006910.D

Acq: 19 Jul 2019 03:08

Instrument :

BNA_N

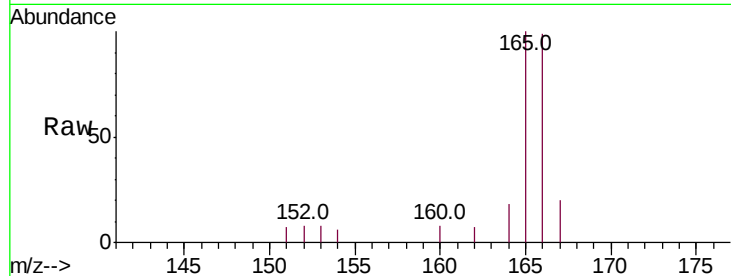
ClientSampled :

A52J1

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.2	117.4
167	20.3	11.3	16.9

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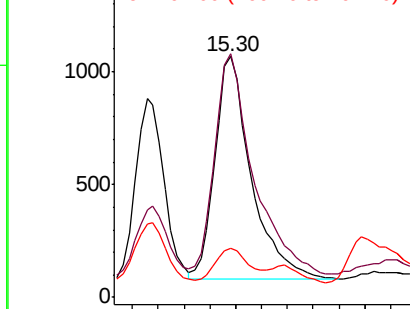


Abundance

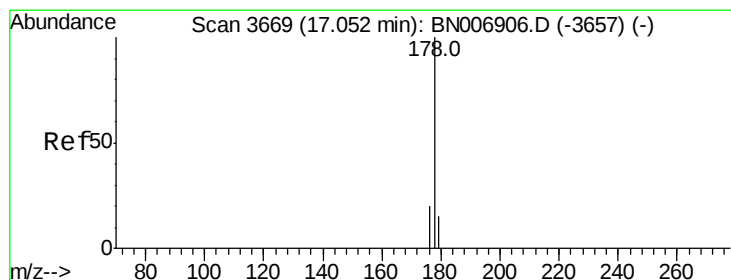
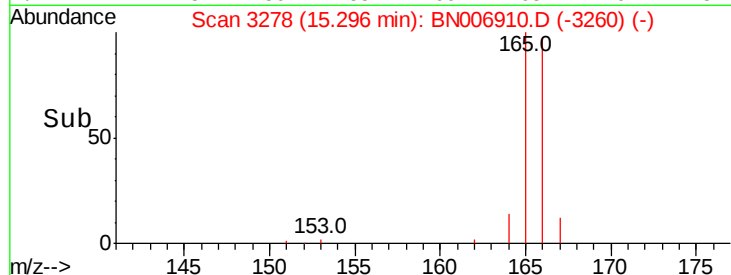
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#12

Phenanthrene

Concen: 1.108 ng/ul

RT: 17.04 min Scan# 3665

Delta R.T. -0.03 min

Lab File: BN006910.D

Acq: 19 Jul 2019 03:08

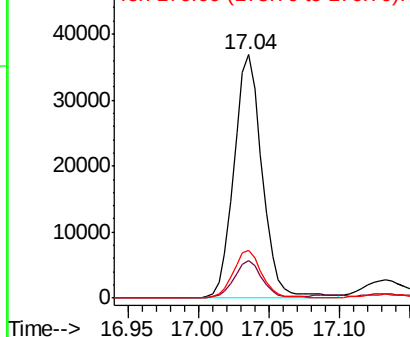
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.5	15.8	23.8

Abundance

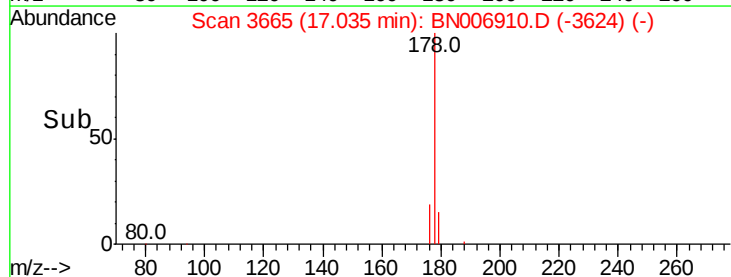
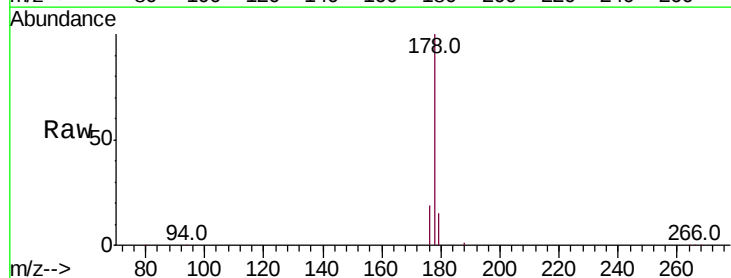
Ion 178.00 (177.70 to 178.70): E

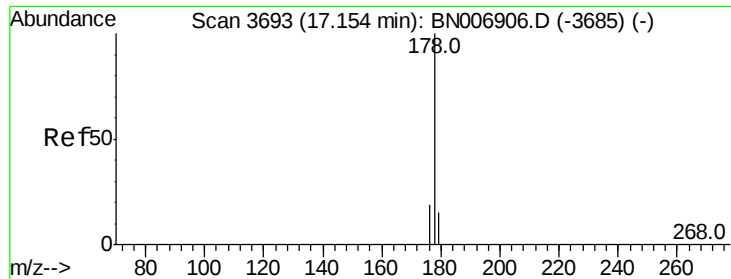
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





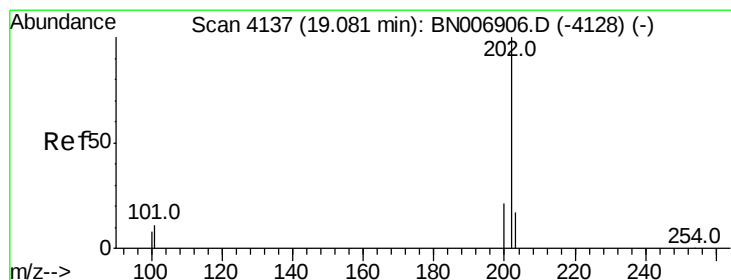
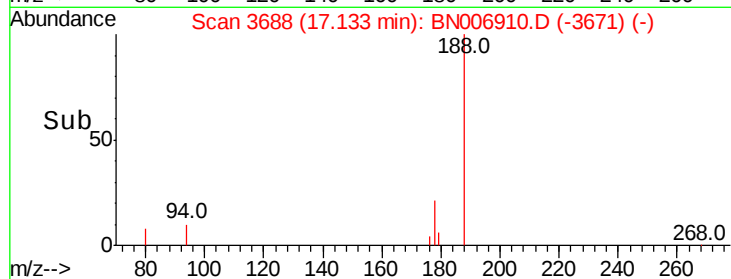
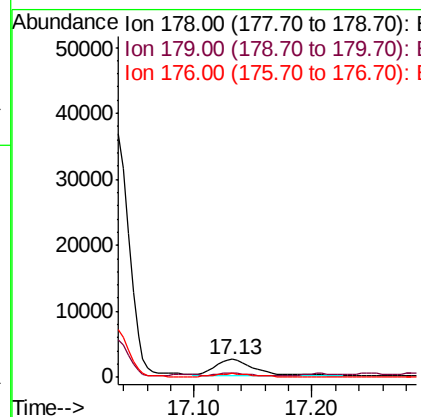
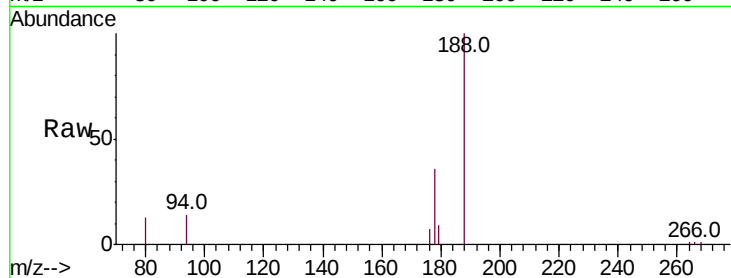
#13
 Anthracene
 Concen: 0.139 ng/ul
 RT: 17.13 min Scan# 3688
 Delta R.T. -0.03 min
 Lab File: BN006910.D
 Acq: 19 Jul 2019 03:08

Instrument :
 BNA_N
 ClientSampleId :
 A52J1

Tot Ion	Ratio	Lower	Upper
178	100		
179	24.9	12.7	19.1#
176	20.6	15.8	23.6

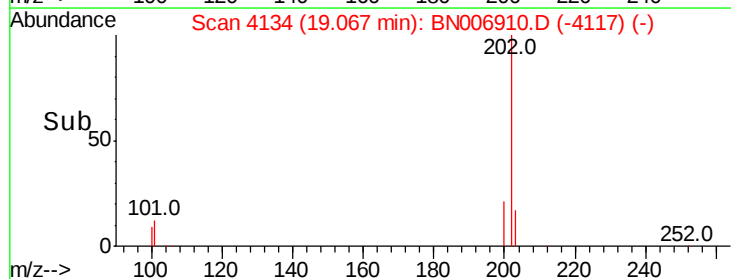
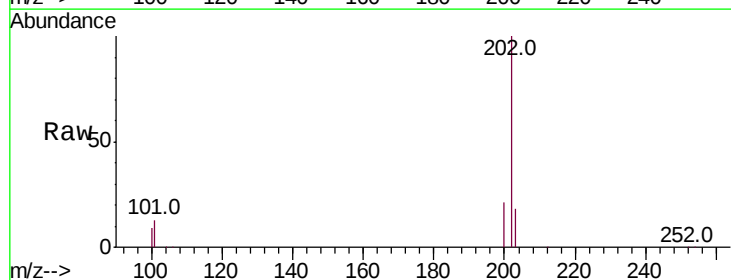
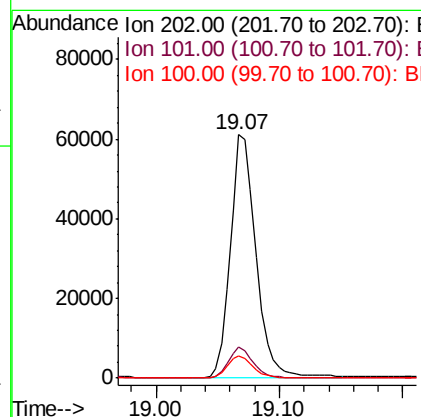
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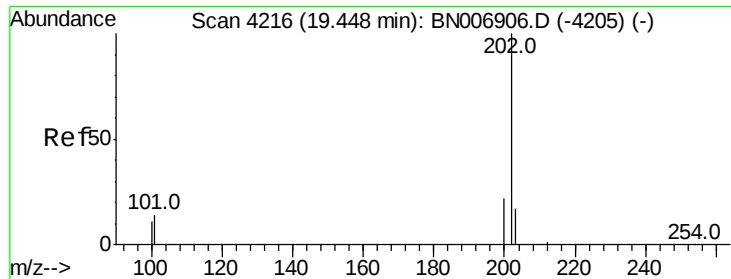
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#15
 Fluoranthene
 Concen: 1.541 ng/ul
 RT: 19.07 min Scan# 4134
 Delta R.T. -0.02 min
 Lab File: BN006910.D
 Acq: 19 Jul 2019 03:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
100	9.3	0.0	29.9





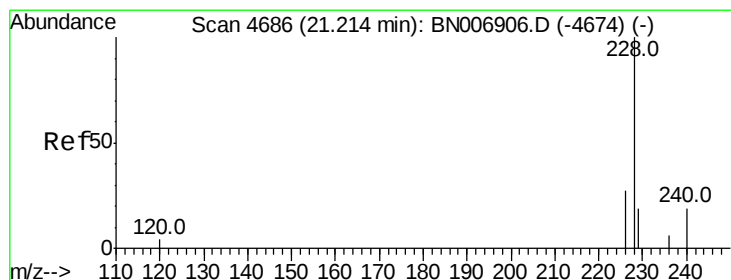
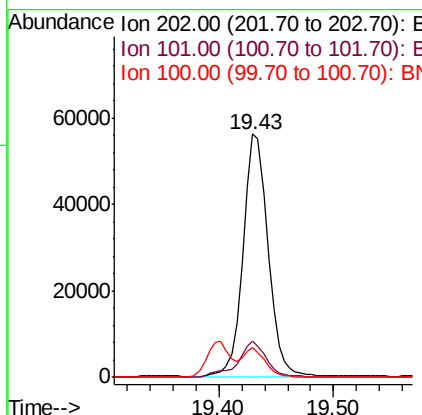
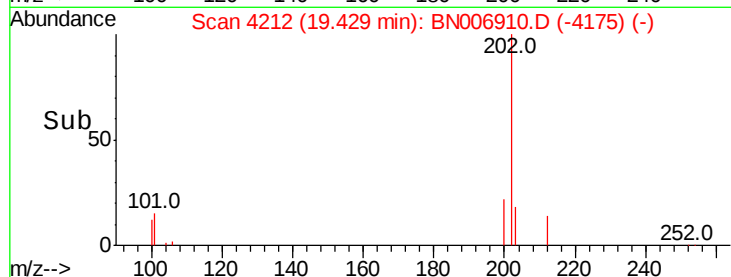
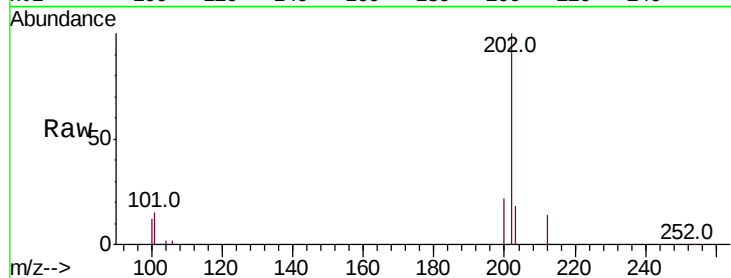
#17
Pvrene
Concen: 1.523 ng/ul
RT: 19.43 min Scan# 4212
Delta R.T. -0.03 min
Lab File: BN006910.D
Acq: 19 Jul 2019 03:08

Instrument :
BNA_N
ClientSampleId :
A52J1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	12.2	18.2
100	12.1	9.8	14.8

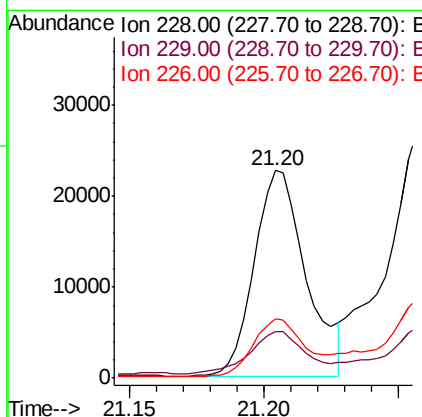
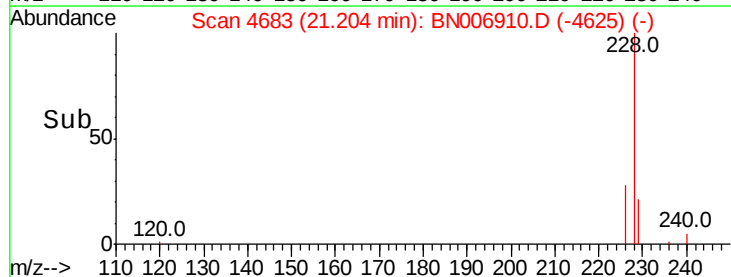
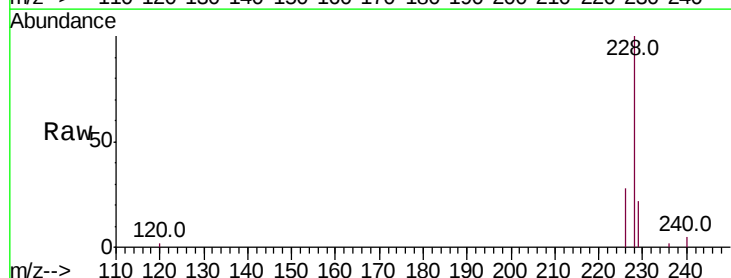
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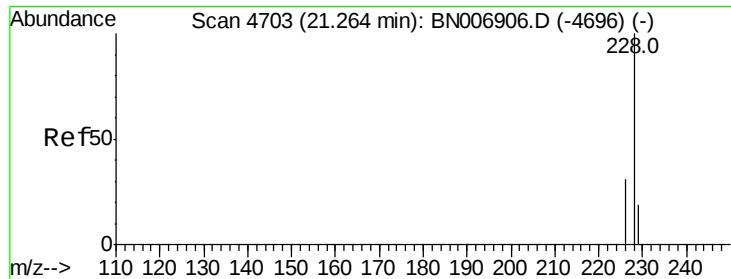
mohammad
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#18
Benzo(a)anthracene
Concen: 0.602 ng/ul
RT: 21.20 min Scan# 4683
Delta R.T. -0.03 min
Lab File: BN006910.D
Acq: 19 Jul 2019 03:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.4	15.9	23.9
226	28.3	22.6	34.0





#19

Chrysene

Concen: 0.803 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.02 min

Lab File: BN006910.D

Acq: 19 Jul 2019 03:08

Instrument :

BNA_N

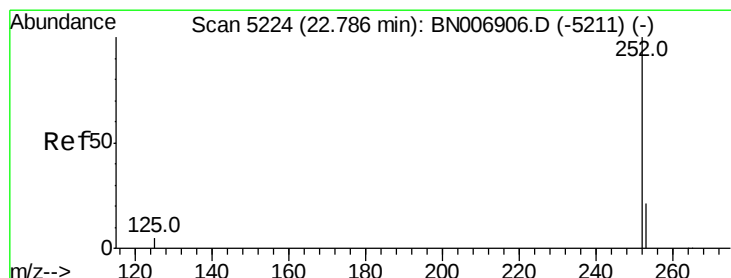
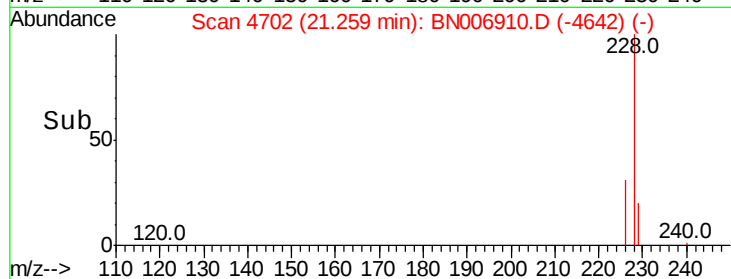
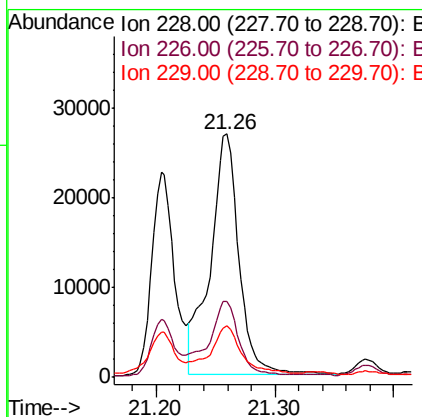
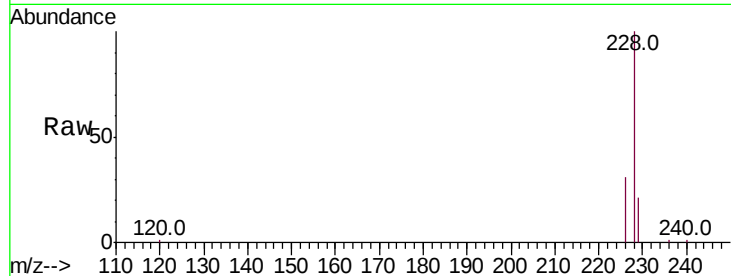
ClientSampleId :

A52J1

Tot Ion:228	Resp:	44883
Ion Ratio	Lower	Upper
228 100		
226 31.2	24.2	36.4
229 21.1	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.777 ng/ul m

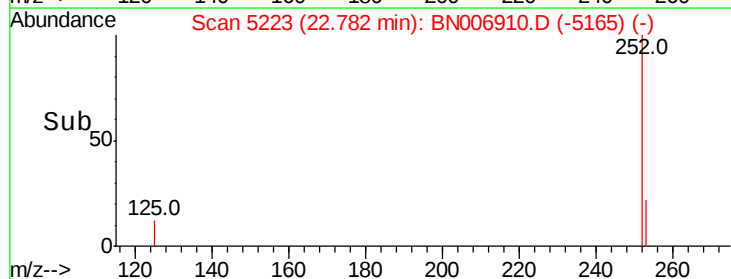
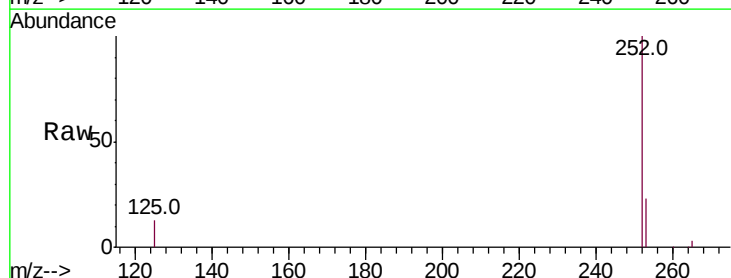
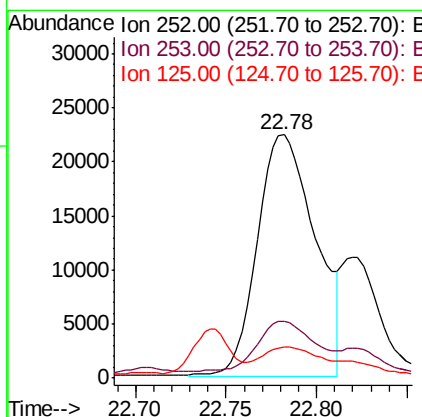
RT: 22.78 min Scan# 5223

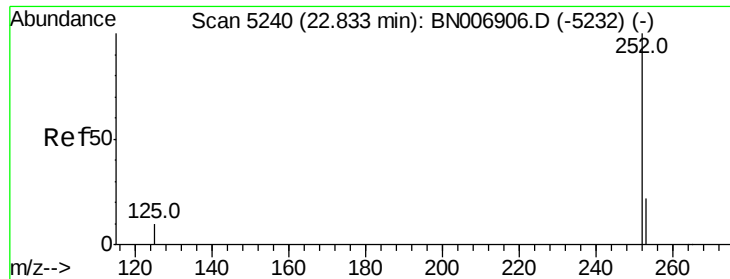
Delta R.T. -0.03 min

Lab File: BN006910.D

Acq: 19 Jul 2019 03:08

Tgt Ion:252	Resp:	49952
Ion Ratio	Lower	Upper
252 100		
253 23.2	0.0	47.8
125 12.8	0.0	29.2





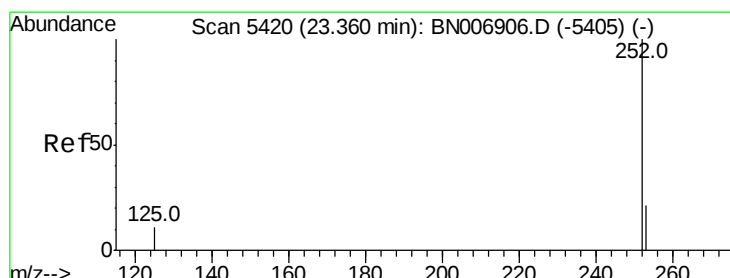
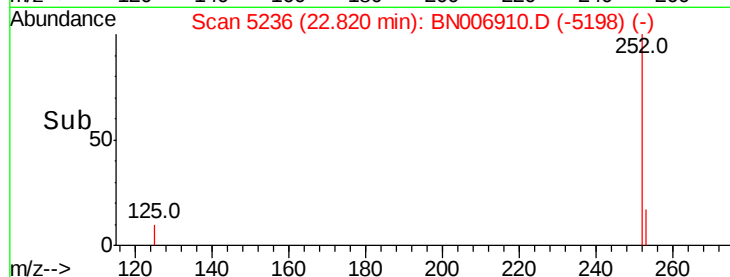
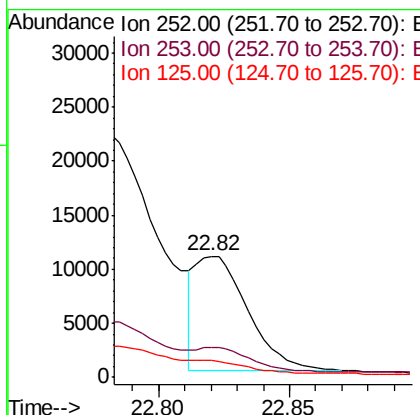
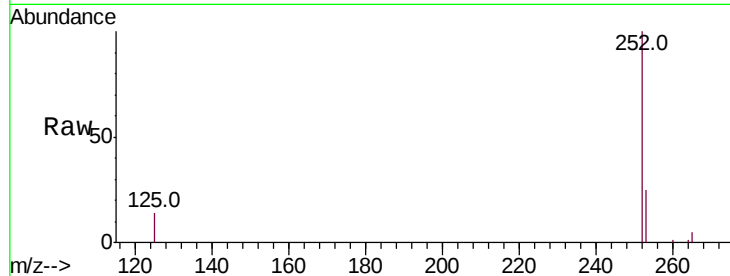
#22
Benzo(k)fluoranthene
Concen: 0.222 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. -0.04 min
Lab File: BN006910.D
Acq: 19 Jul 2019 03:08

Instrument :
BNA_N
ClientSampled :
A52J1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.2	28.8
125	13.9	11.0	16.6

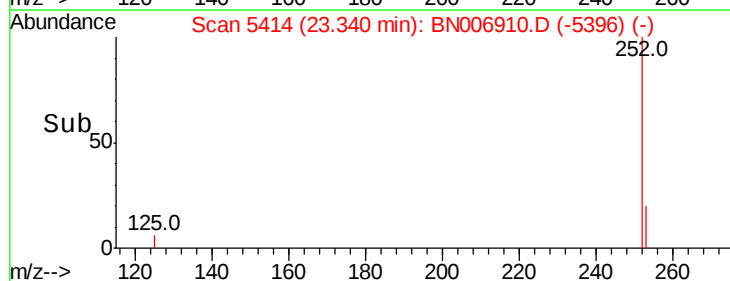
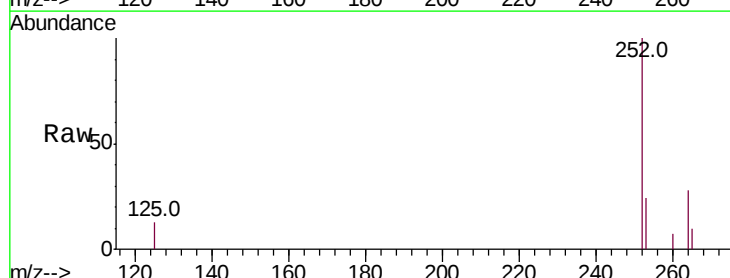
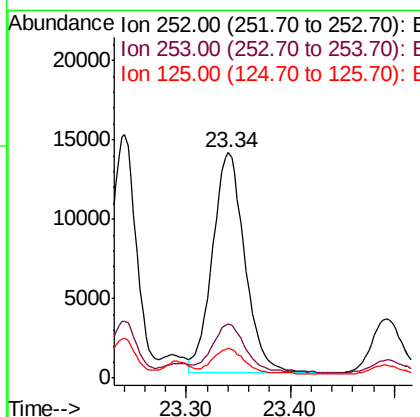
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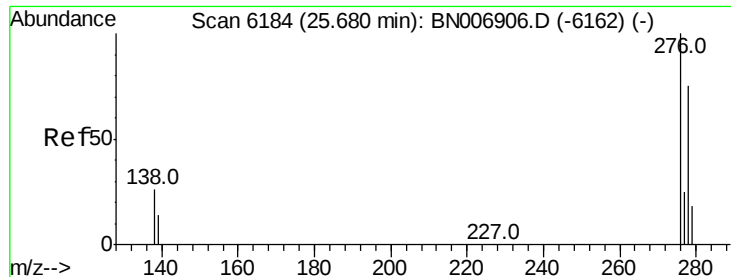
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#23
Benzo(a)pyrene
Concen: 0.473 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.05 min
Lab File: BN006910.D
Acq: 19 Jul 2019 03:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	13.1	12.6	19.0





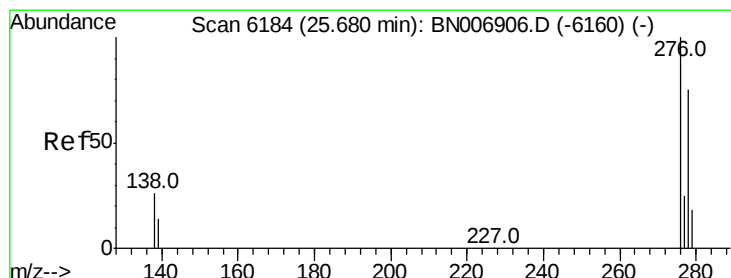
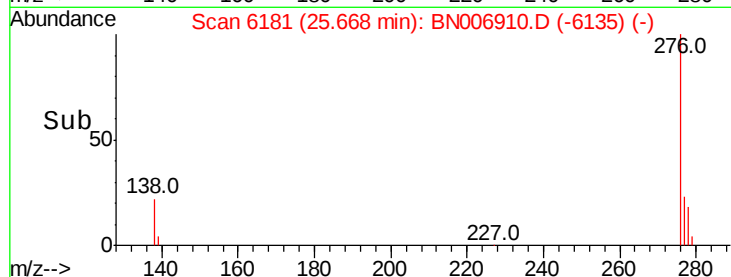
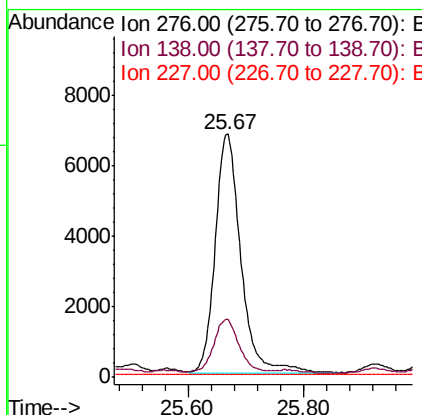
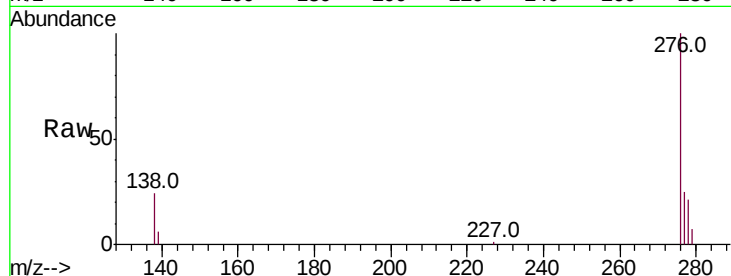
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.323 ng/uL
 RT: 25.67 min Scan# 6181
 Delta R.T. -0.05 min
 Lab File: BN006910.D
 Acq: 19 Jul 2019 03:08

Instrument :
 BNA_N
 ClientSampleId :
 A52J1

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	24.3	36.5#
227	0.1	0.2	0.4#

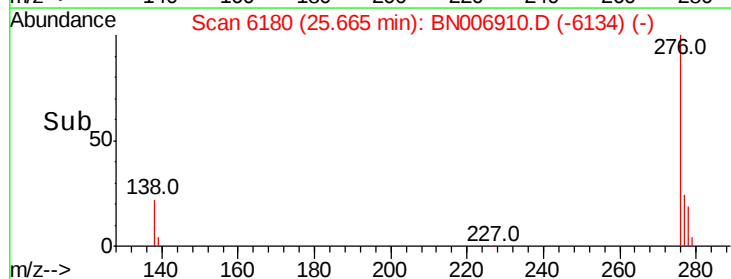
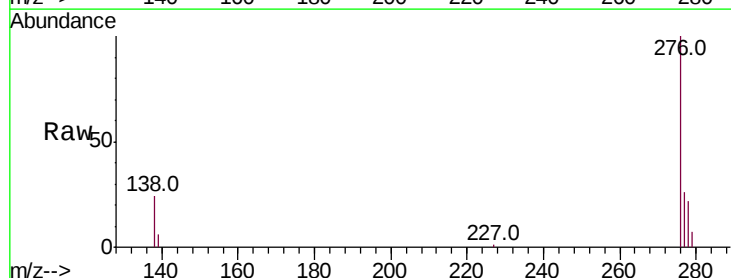
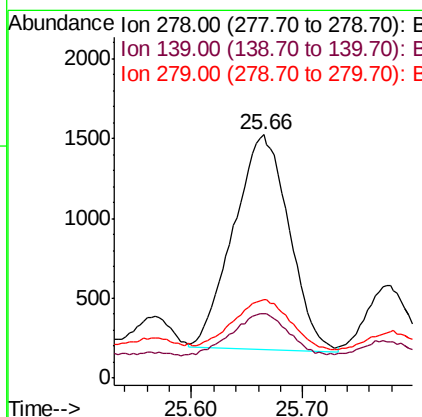
Manual Integrations
 APPROVED

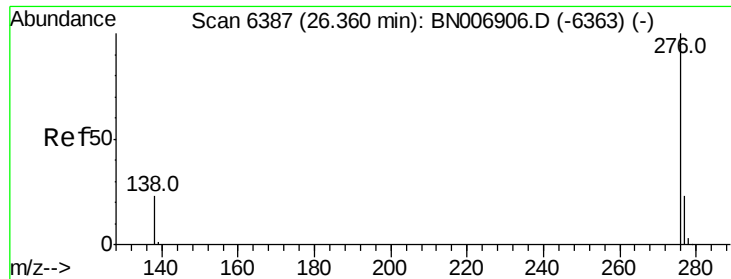
mohammad
 7/19/2019 4:00:03 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.092 ng/uL
 RT: 25.66 min Scan# 6180
 Delta R.T. -0.05 min
 Lab File: BN006910.D
 Acq: 19 Jul 2019 03:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.6	18.1	27.1
279	32.2	19.8	29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.384 ng/ul

RT: 26.34 min Scan# 6382

Delta R.T. -0.05 min

Lab File: BN006910.D

Acq: 19 Jul 2019 03:08

Instrument :

BNA_N

ClientSampleId :

A52J1

Tot Ion:	276	Resp:	20475
Ion Ratio	Lower	Upper	
276	100		
138	24.2	22.2	33.2
277	24.9	19.5	29.3

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