

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006168.D
 Acq On : 07 Jun 2019 15:50
 Operator : JU/SJ
 Sample : K3201-01DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1DL

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Quant Time: Jun 07 16:59:00 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5169	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19215	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9295	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	18275	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	15579	0.40	ng/ul	0.02
20) Perylene-d12	23.54	264	19477	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1117	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2311	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	2133	0.041	ng/ul#	90
8) Acenaphthene	14.36	153	722	0.020	ng/ul	96
9) Fluorene	15.36	166	871	0.021	ng/ul#	94
12) Phenanthrene	17.09	178	15893	0.271	ng/ul	99
13) Anthracene	17.19	178	3739	0.067	ng/ul#	92
15) Fluoranthene	19.12	202	33122	0.511	ng/ul	95
17) Pyrene	19.49	202	32002	0.390	ng/ul	98
18) Benzo(a)anthracene	21.27	228	15420	0.224	ng/ul	98
19) Chrysene	21.33	228	15315	0.237	ng/ul	98
21) Benzo(b)fluoranthene	22.87	252	19144m	0.236	ng/ul	
22) Benzo(k)fluoranthene	22.91	252	9909m	0.125	ng/ul	
23) Benzo(a)pyrene	23.44	252	13529	0.179	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.78	276	9835	0.120	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.78	278	2509	0.038	ng/ul#	65
26) Benzo(g,h,i)perylene	26.46	276	7621	0.111	ng/ul	94

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

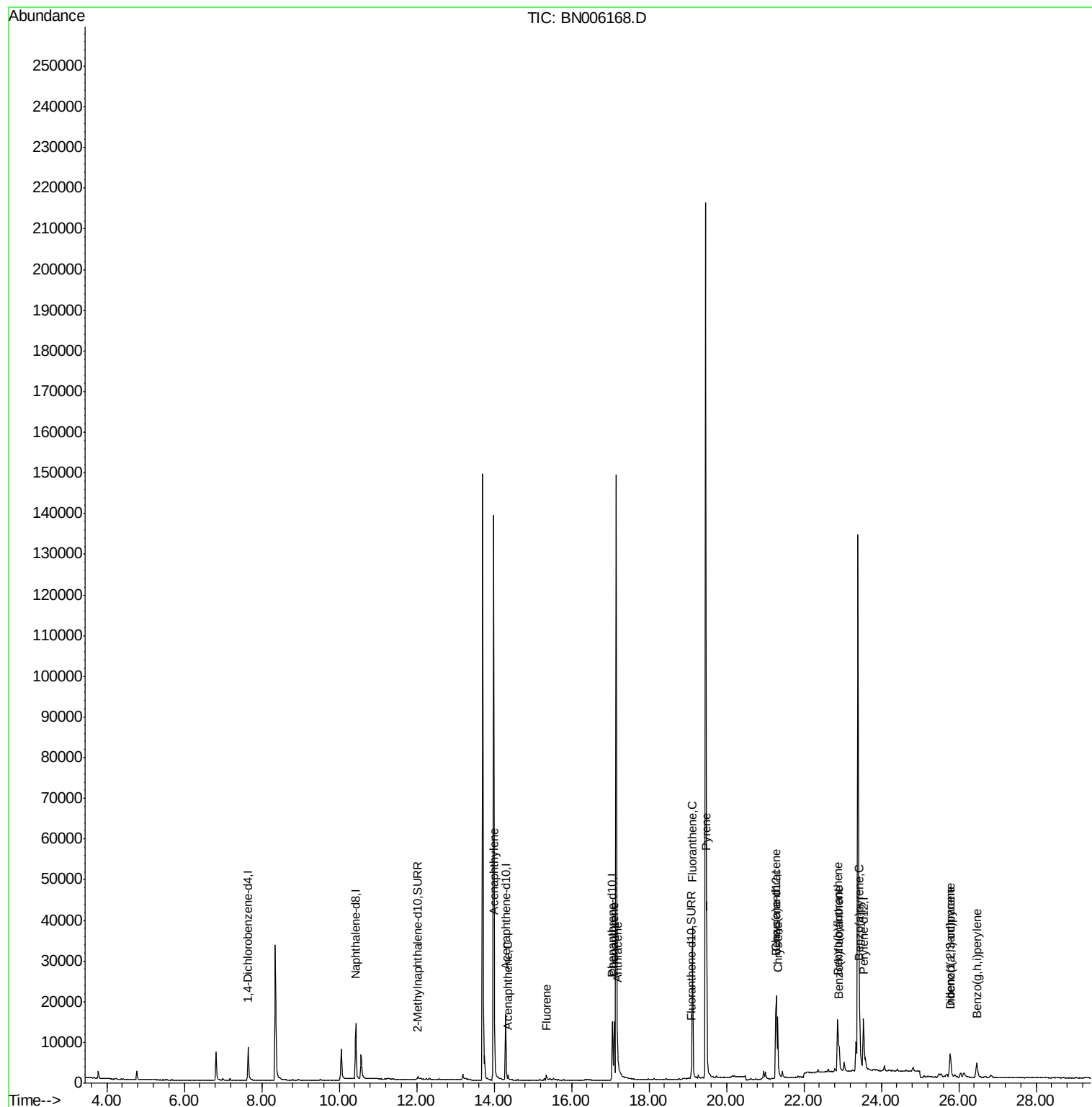
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006168.D
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Misc :
ALS Vial : 34 Sample Multiplier: 1

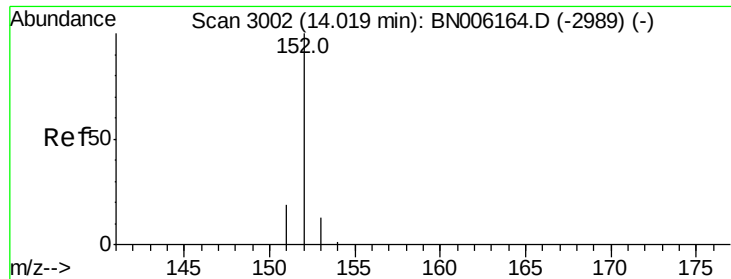
Instrument :
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Quant Time: Jun 07 16:59:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006168.D

Acq: 07 Jun 2019 15:50

Instrument :

BNA_N

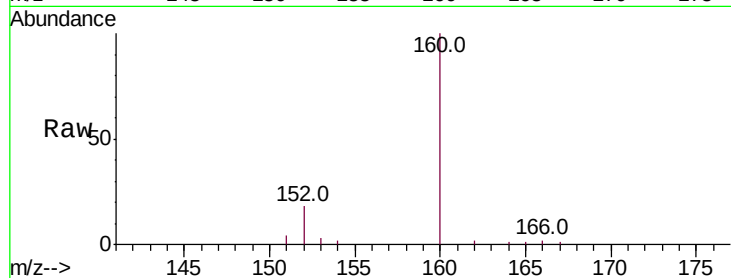
ClientSampleId :

C0AB1DL

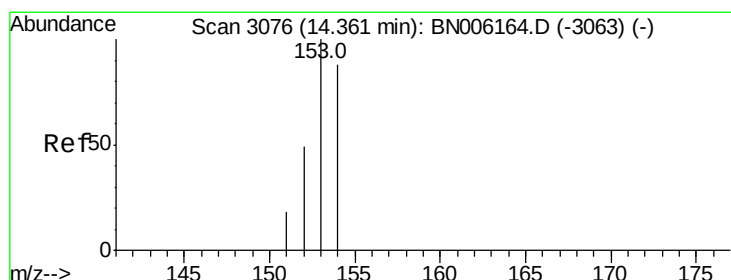
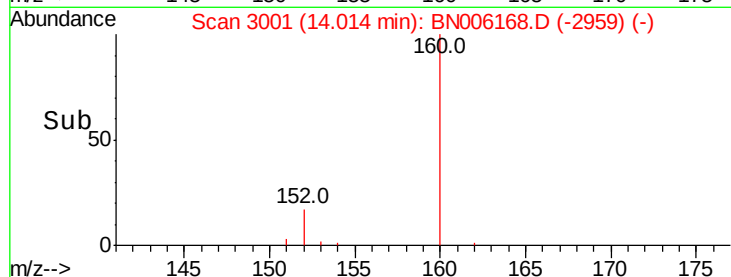
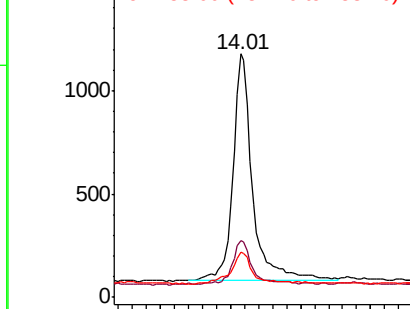
Tot Ion:	152	Resp:	2133
Ion Ratio	Lower	Upper	
152	100		
151	23.5	15.8	23.8
153	18.3	10.8	16.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.020 ng/ul

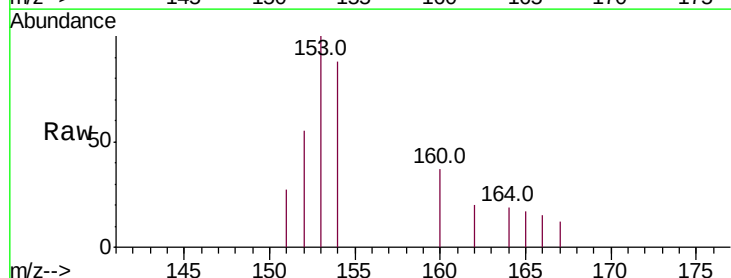
RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

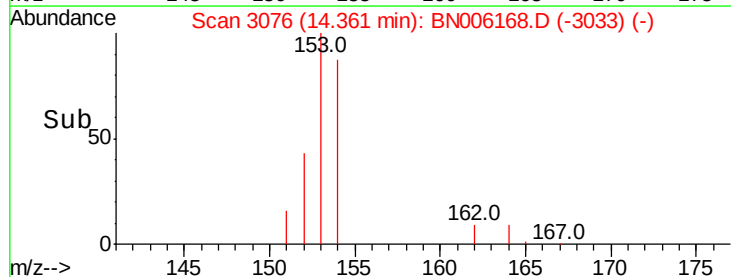
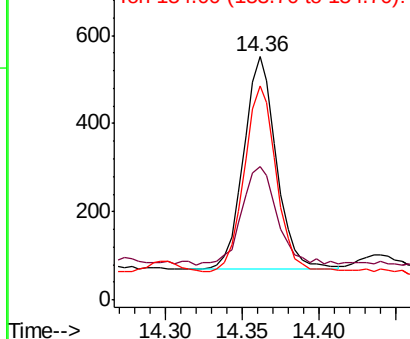
Lab File: BN006168.D

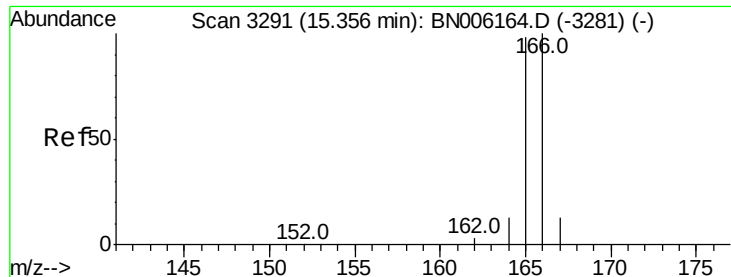
Acq: 07 Jun 2019 15:50

Tgt Ion:	153	Resp:	722
Ion Ratio	Lower	Upper	
153	100		
152	55.1	39.1	58.7
154	88.0	71.1	106.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BN006168.D

Acq: 07 Jun 2019 15:50

Instrument :

BNA_N

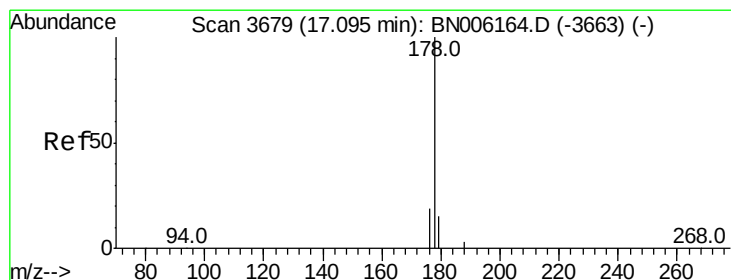
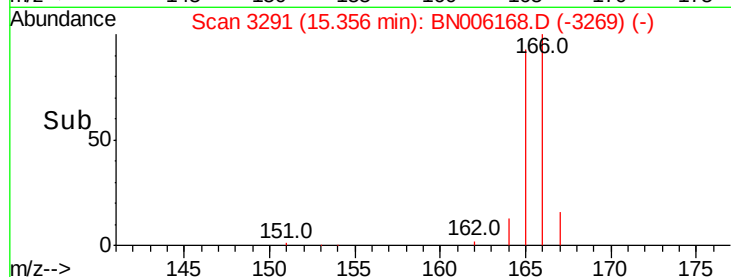
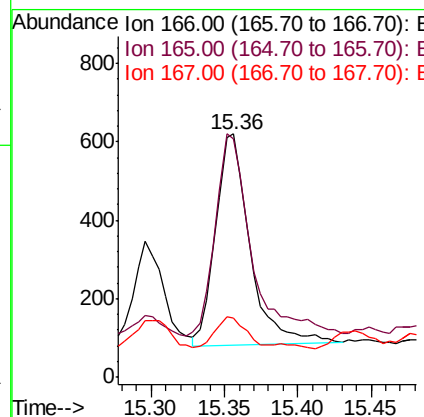
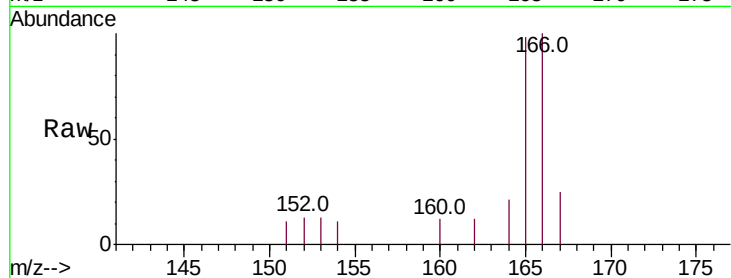
ClientSampleId :

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Tot Ion:	166	Resp:	871
Ion Ratio	Lower	Upper	
166	100		
165	98.2	76.4	114.6
167	24.5	11.0	16.6#

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#12

Phenanthrene

Concen: 0.271 ng/ul

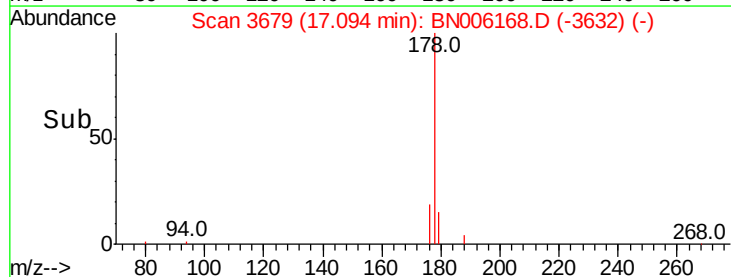
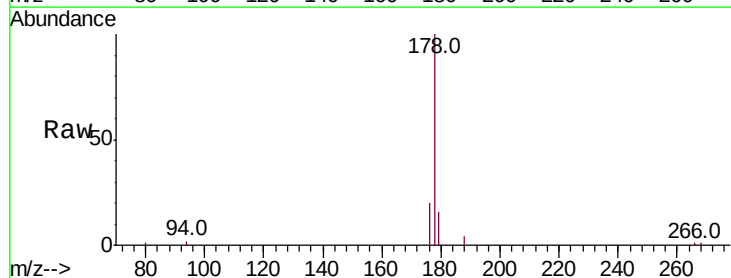
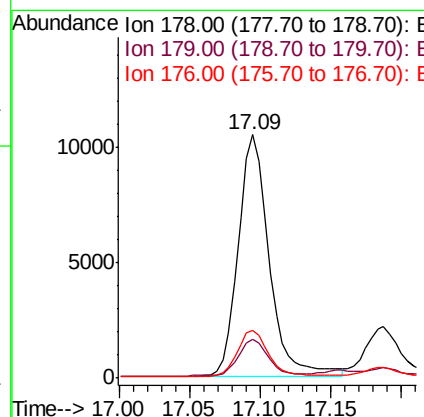
RT: 17.09 min Scan# 3679

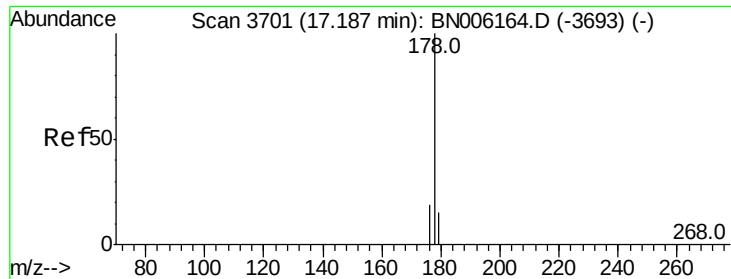
Delta R.T. -0.00 min

Lab File: BN006168.D

Acq: 07 Jun 2019 15:50

Tgt Ion:	178	Resp:	15893
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	19.6	15.3	22.9





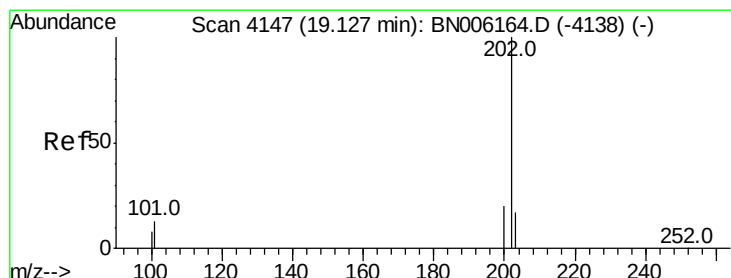
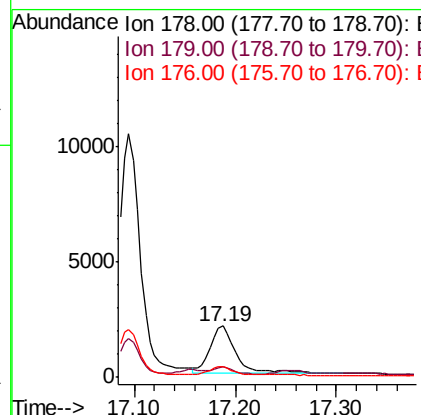
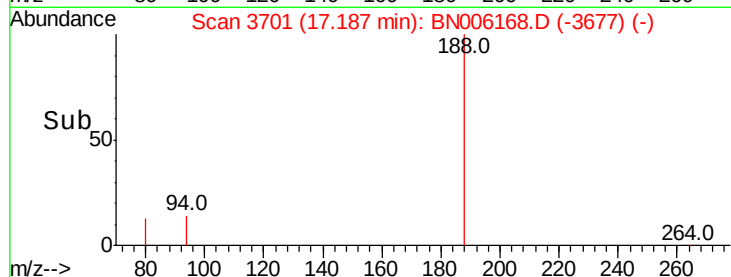
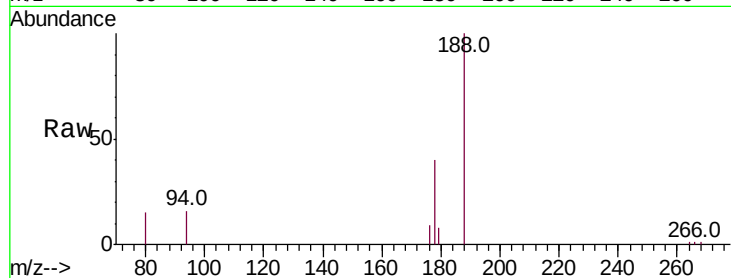
#13
 Anthracene
 Concen: 0.067 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BN006168.D
 Acq: 07 Jun 2019 15:50

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.2	18.4#
176	21.2	15.1	22.7

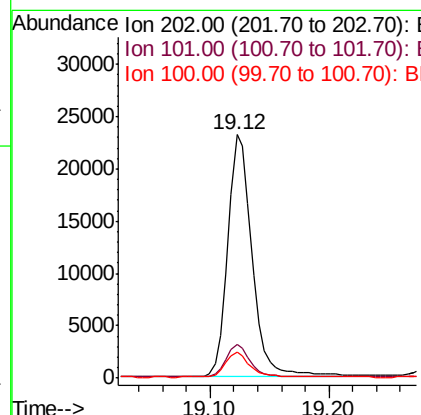
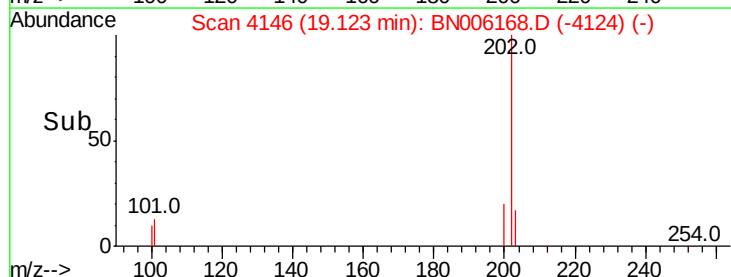
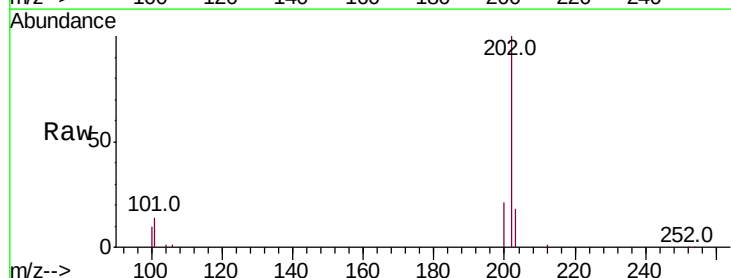
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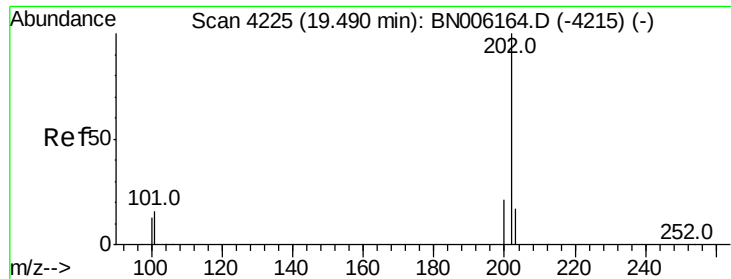
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#15
 Fluoranthene
 Concen: 0.511 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN006168.D
 Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	32.1
100	10.5	0.0	28.7





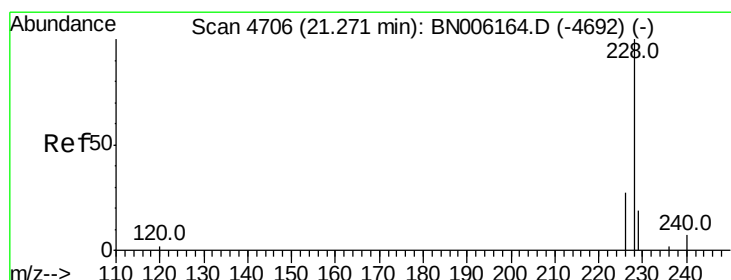
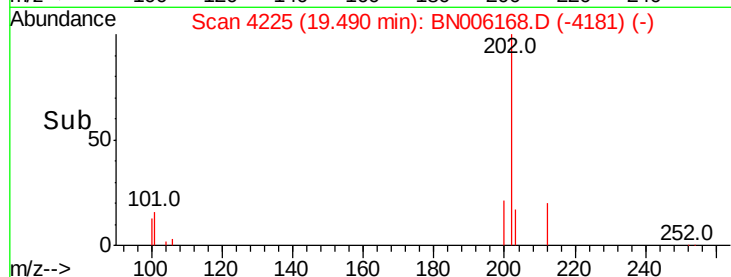
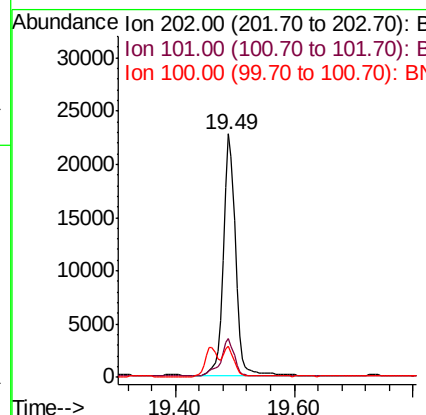
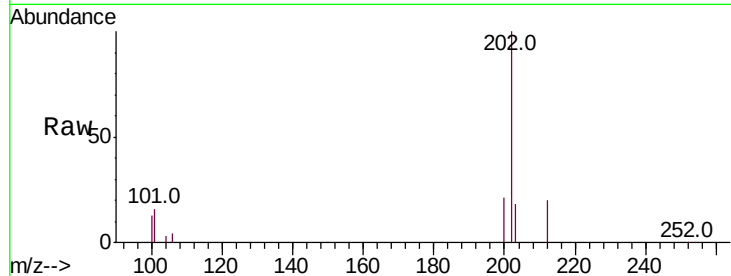
#17
 Pyrene
 Concen: 0.390 ng/ul
 RT: 19.49 min Scan# 4225
 Delta R.T. 0.00 min
 Lab File: BN006168.D
 Acq: 07 Jun 2019 15:50

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.8	12.2	18.2
100	12.9	9.8	14.6

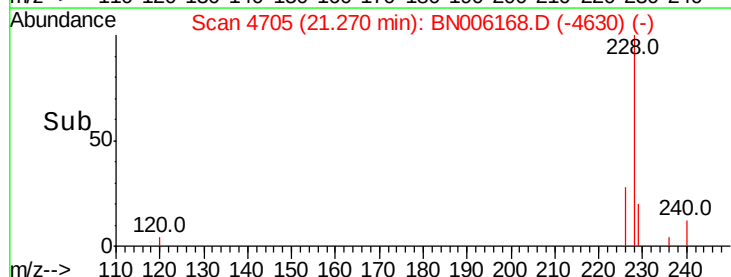
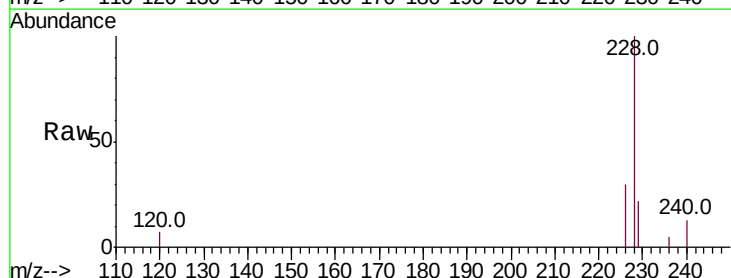
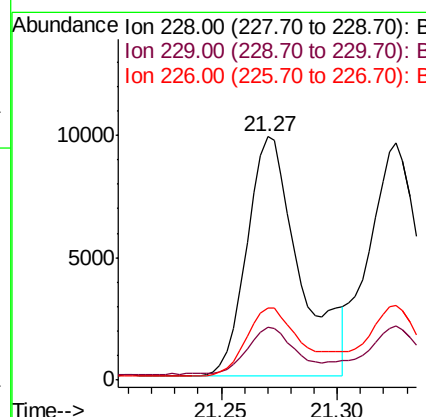
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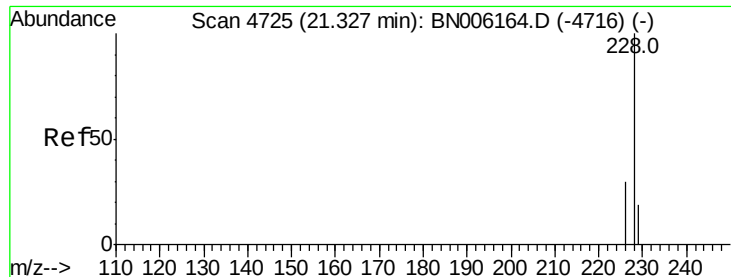
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#18
 Benzo(a)anthracene
 Concen: 0.224 ng/ul
 RT: 21.27 min Scan# 4705
 Delta R.T. 0.02 min
 Lab File: BN006168.D
 Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.5	24.7
226	29.7	22.8	34.2





#19

Chrysene

Concen: 0.237 ng/ul

RT: 21.33 min Scan# 4724

Delta R.T. 0.03 min

Lab File: BN006168.D

Acq: 07 Jun 2019 15:50

Instrument :

BNA_N

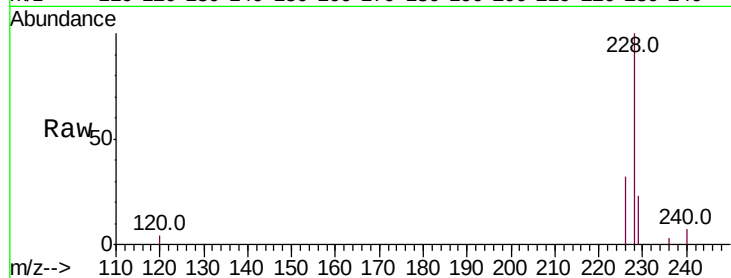
ClientSampled :

C0AB1DL

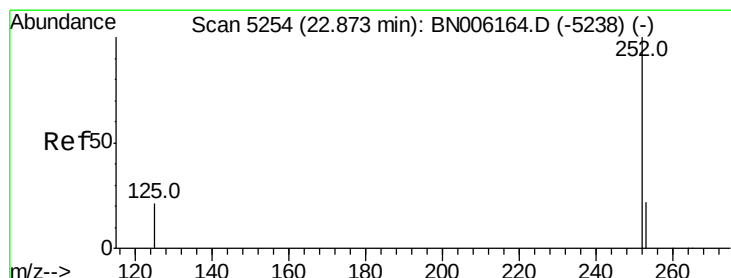
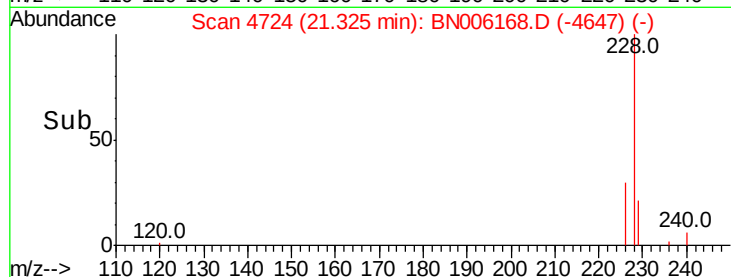
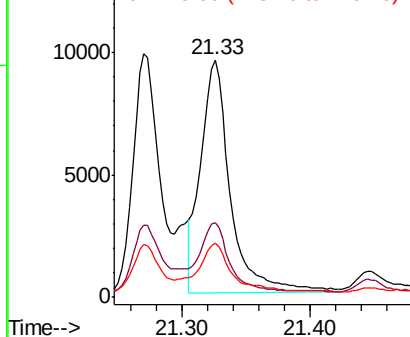
Tot Ion:	228	Resp:	15315
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	22.6	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.236 ng/ul m

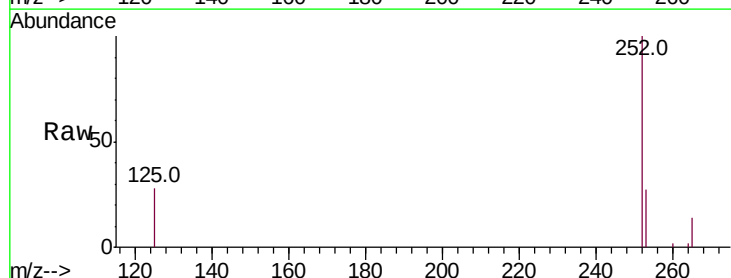
RT: 22.87 min Scan# 5253

Delta R.T. 0.04 min

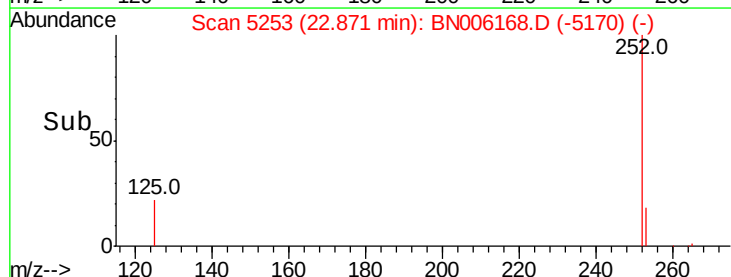
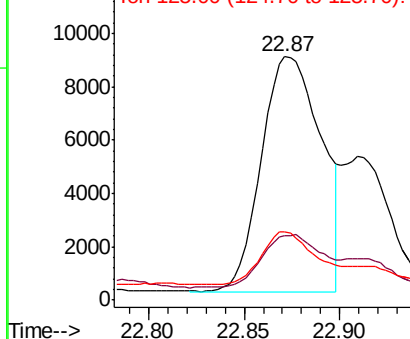
Lab File: BN006168.D

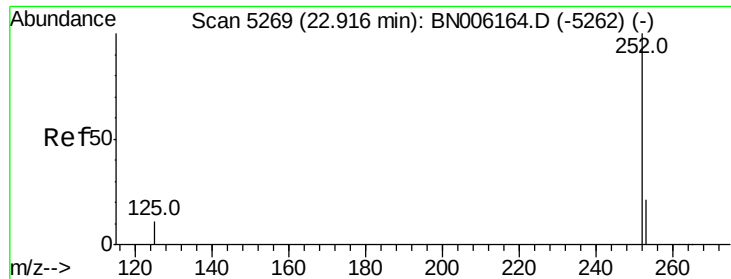
Acq: 07 Jun 2019 15:50

Tgt Ion:	252	Resp:	19144
Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	51.4
125	27.9	0.0	41.0



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





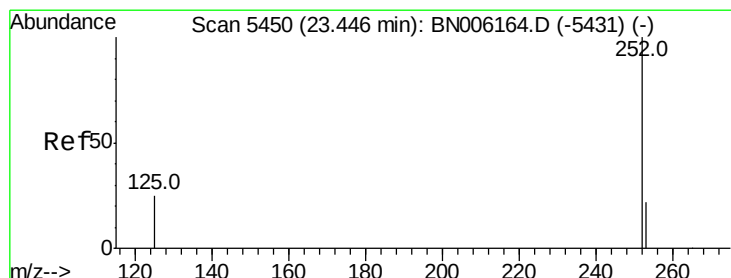
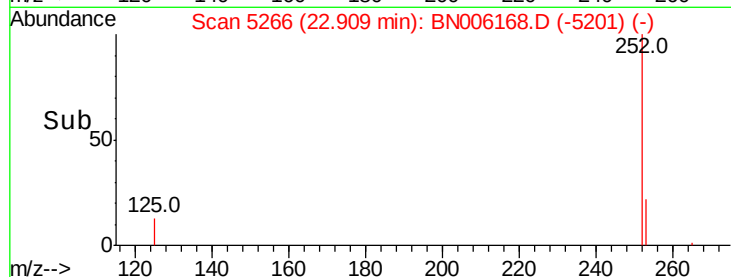
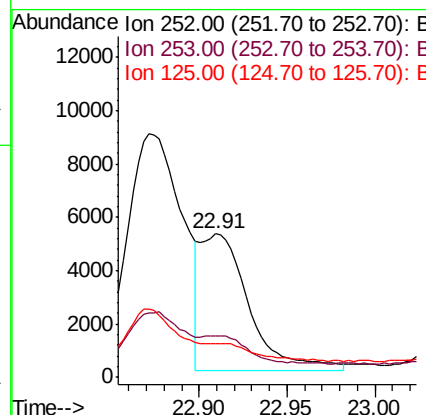
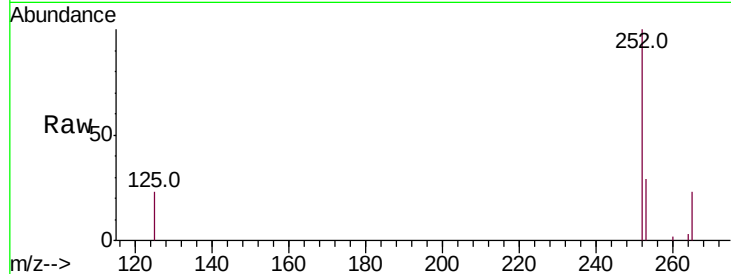
#22
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 22.91 min Scan# 5266
Delta R.T. 0.04 min
Lab File: BN006168.D
Acq: 07 Jun 2019 15:50

Instrument :
BNA_N
ClientSampleId :
C0AB1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.9	20.3	30.5
125	23.5	14.3	21.5

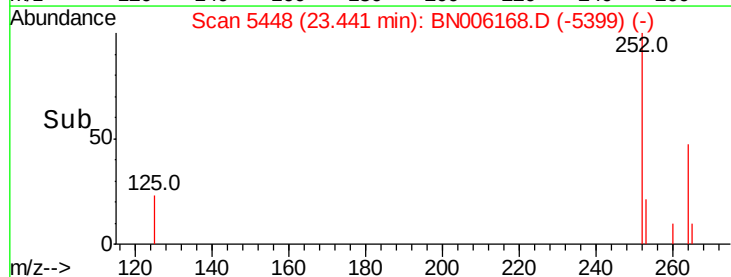
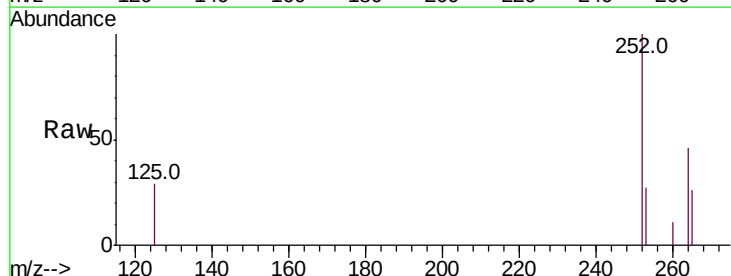
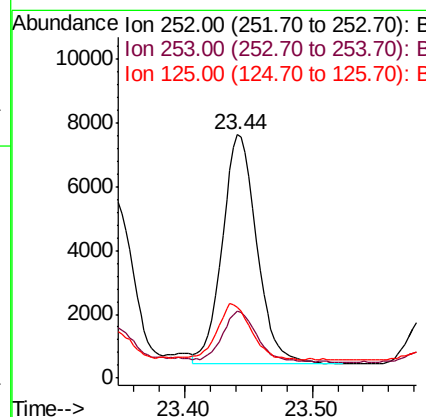
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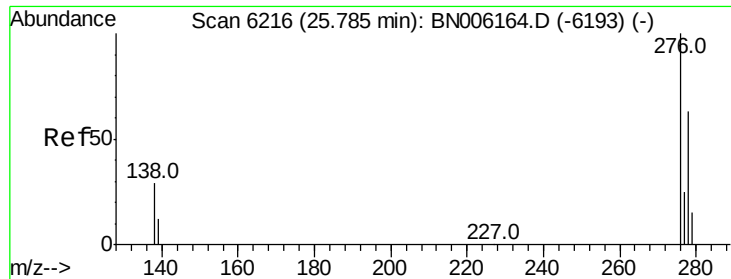
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#23
Benzo(a)pyrene
Concen: 0.179 ng/ul
RT: 23.44 min Scan# 5448
Delta R.T. 0.04 min
Lab File: BN006168.D
Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.1	31.7
125	29.3	20.3	30.5





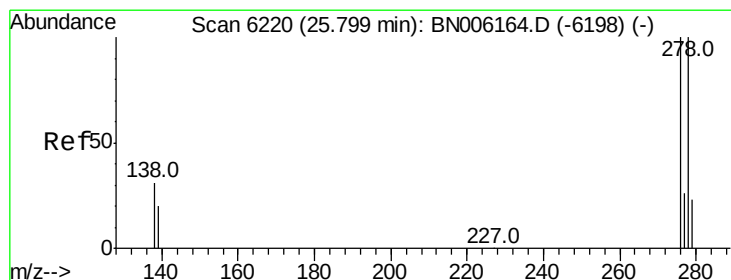
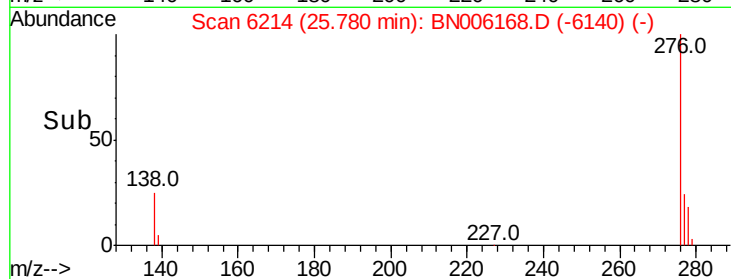
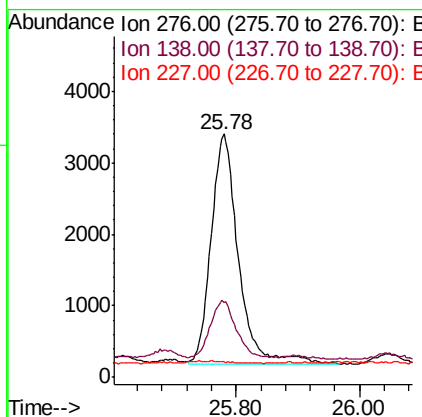
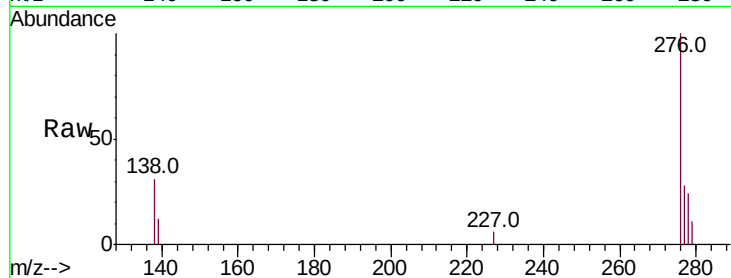
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.120 ng/ul
 RT: 25.78 min Scan# 6214
 Delta R.T. 0.05 min
 Lab File: BN006168.D
 Acq: 07 Jun 2019 15:50

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.6	38.4#
227	0.0	0.3	0.5#

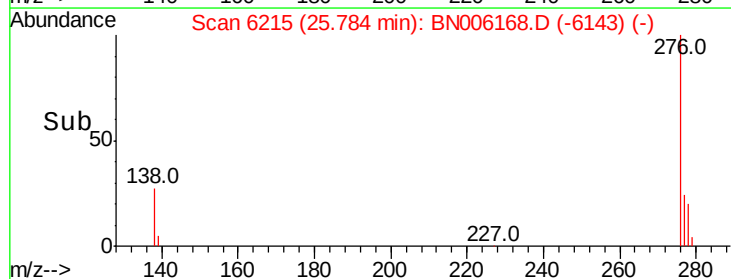
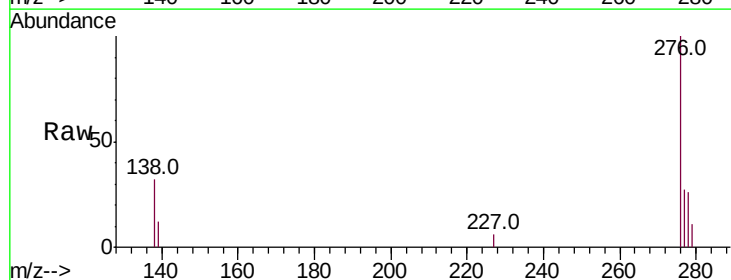
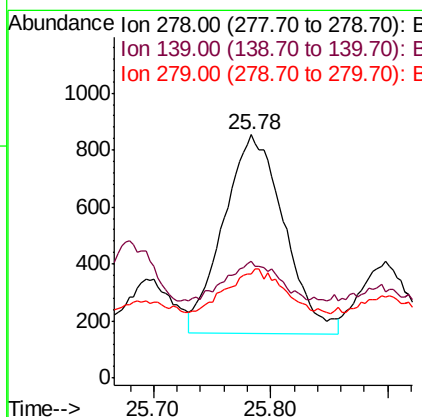
Manual Integrations
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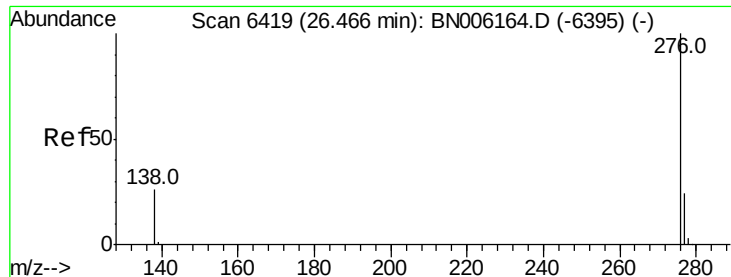
mohammad
 6/11/2019 5:08:29 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.038 ng/ul
 RT: 25.78 min Scan# 6215
 Delta R.T. 0.04 min
 Lab File: BN006168.D
 Acq: 07 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	48.2	21.2	31.8#
279	42.9	22.6	33.8#





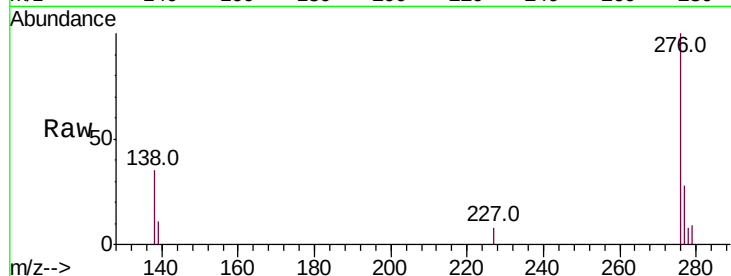
#26
 Benzo(a,h,i)perylene
 Concen: 0.111 ng/ul
 RT: 26.46 min Scan# 6418
 Delta R.T. 0.06 min
 Lab File: BN006168.D
 Acq: 07 Jun 2019 15:50

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1DL

Tot Ion:	276	Resp:	7621
Ion Ratio	Lower	Upper	
276	100		
138	34.8	24.2	36.4
277	28.2	21.5	32.3

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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

