

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006180.D
 Acq On : 07 Jun 2019 22:47
 Operator : JU/SJ
 Sample : K3016-21DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51D8DL

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Quant Time: Jun 08 03:38:29 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	5230	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	20091	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10157	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21968	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	19697	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	24020	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	856	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2080	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	6524	0.116	ng/ul	97
8) Acenaphthene	14.36	153	813	0.021	ng/ul	96
9) Fluorene	15.36	166	1561	0.034	ng/ul#	95
12) Phenanthrene	17.09	178	26619	0.377	ng/ul	99
13) Anthracene	17.18	178	7600	0.113	ng/ul	97
15) Fluoranthene	19.12	202	61439	0.789	ng/ul	96
17) Pyrene	19.49	202	57507	0.554	ng/ul	100
18) Benzo(a)anthracene	21.25	228	29729m	0.341	ng/ul	
19) Chrysene	21.30	228	32835	0.401	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	36674m	0.366	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	16209m	0.166	ng/ul	
23) Benzo(a)pyrene	23.39	252	25658	0.275	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.72	276	17620	0.175	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.72	278	4777	0.059	ng/ul#	78
26) Benzo(g,h,i)perylene	26.40	276	14472	0.171	ng/ul	99

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

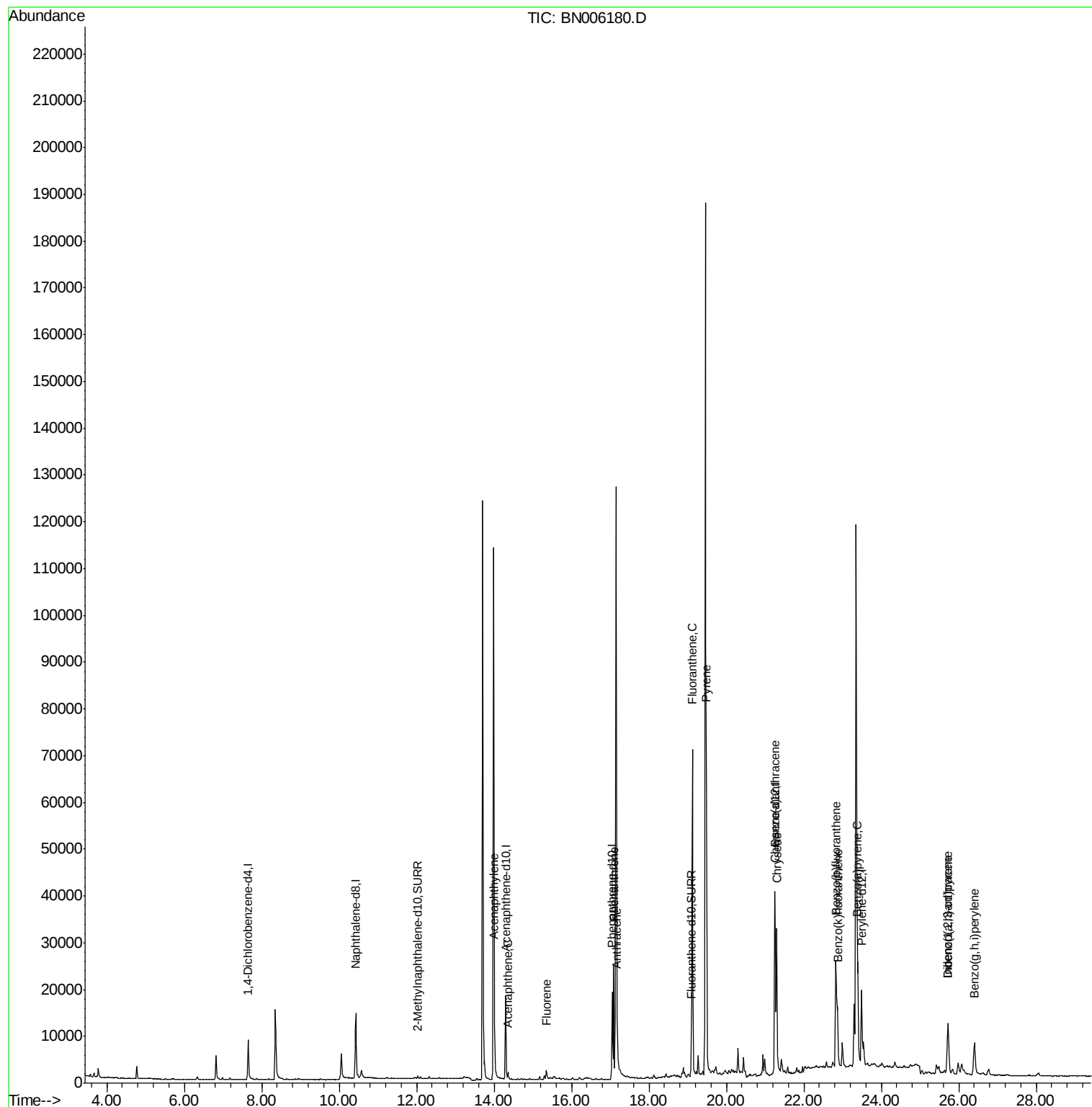
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
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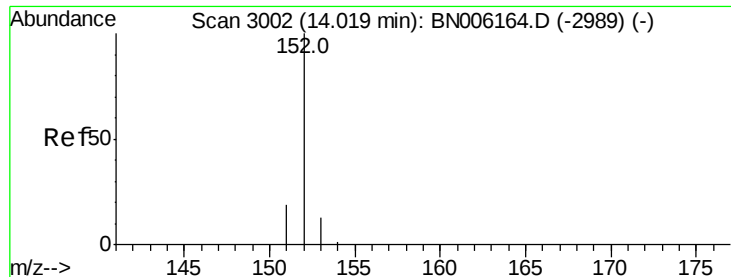
Instrument :
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A51D8DL

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Quant Time: Jun 08 03:38:29 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: 0.116 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Instrument :

BNA_N

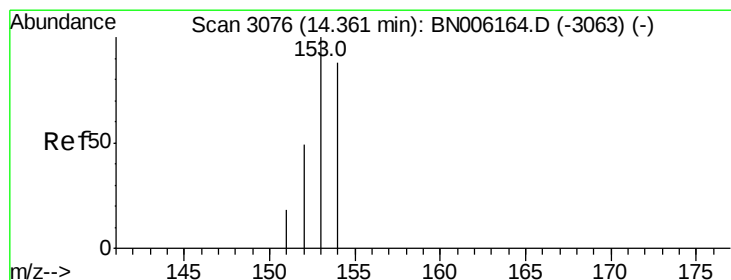
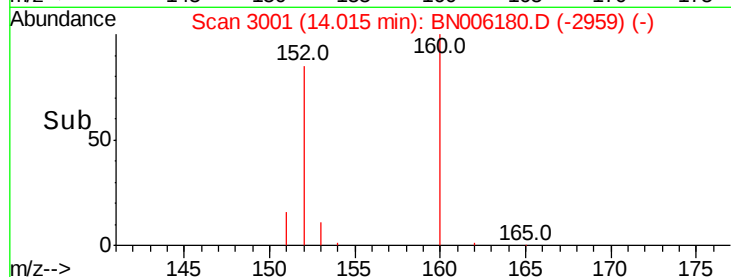
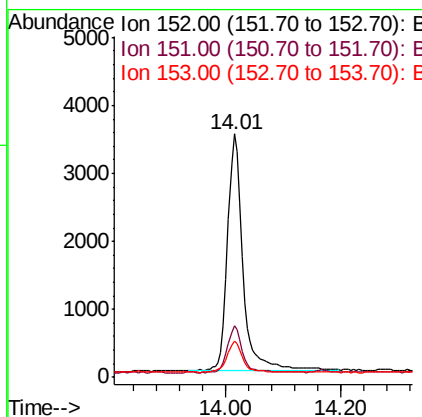
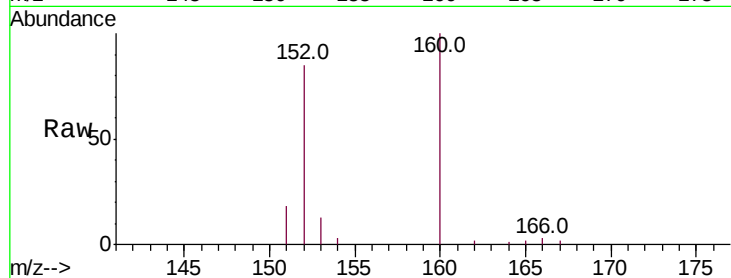
ClientSampleId :

A51D8DL

Tot Ion:	152	Resp:	6524
Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.8	23.8
153	14.7	10.8	16.2

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#8

Acenaphthene

Concen: 0.021 ng/ul

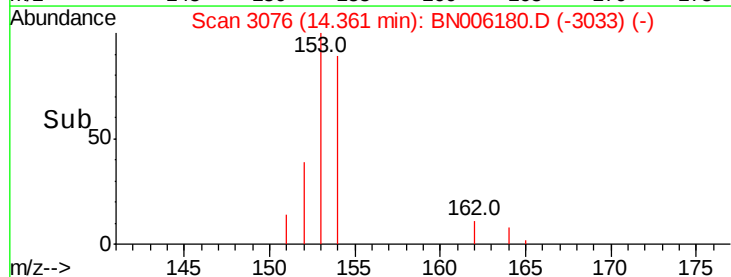
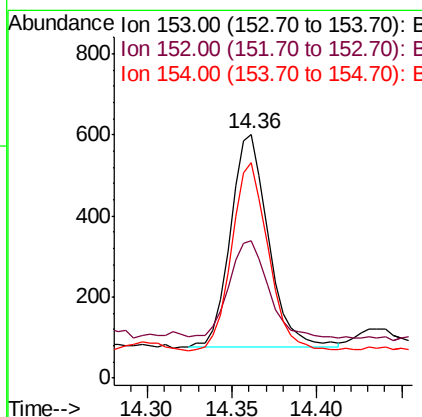
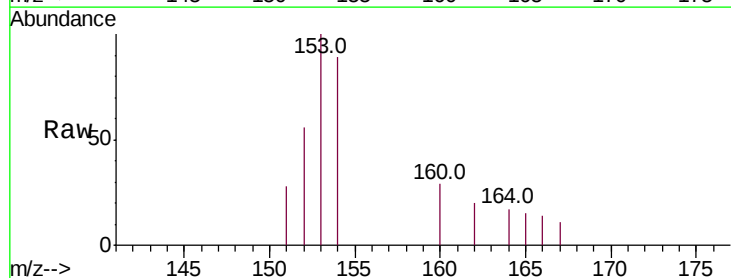
RT: 14.36 min Scan# 3076

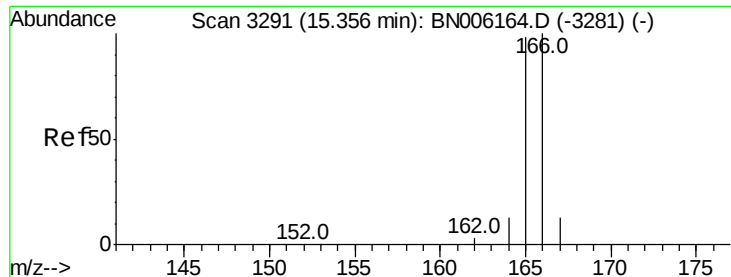
Delta R.T. 0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Tgt Ion:	153	Resp:	813
Ion	Ratio	Lower	Upper
153	100		
152	56.2	39.1	58.7
154	88.5	71.1	106.7





#9

Fluorene

Concen: 0.034 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Instrument :

BNA_N

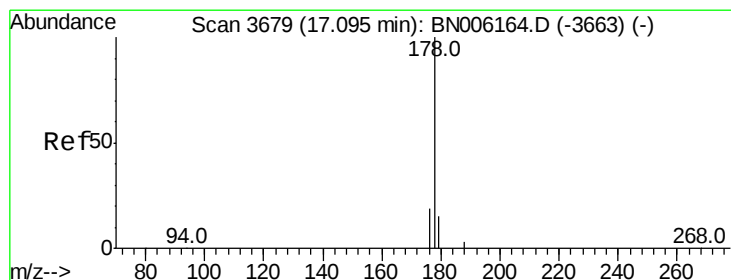
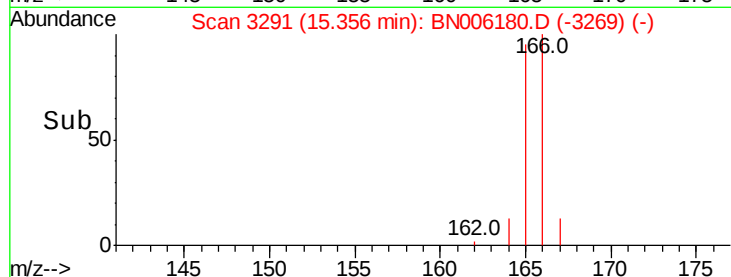
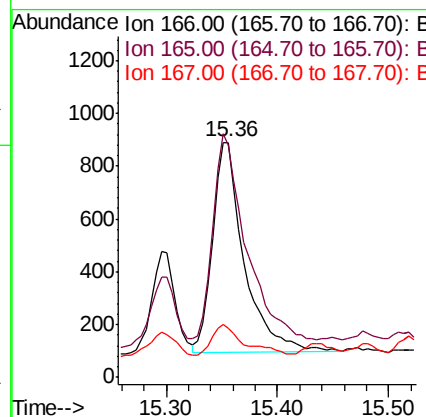
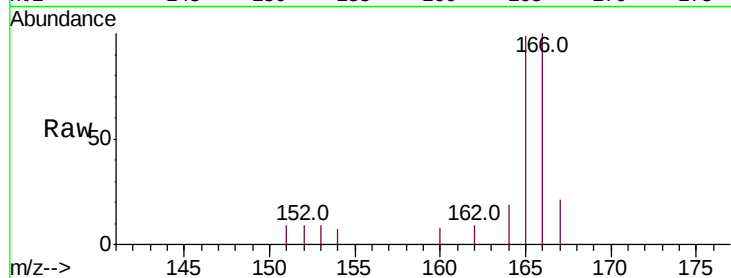
ClientSampleId :

A51D8DL

Tot Ion:	166	Resp:	1561
Ion Ratio	Lower	Upper	
166	100		
165	98.9	76.4	114.6
167	20.7	11.0	16.6#

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#12

Phenanthrene

Concen: 0.377 ng/ul

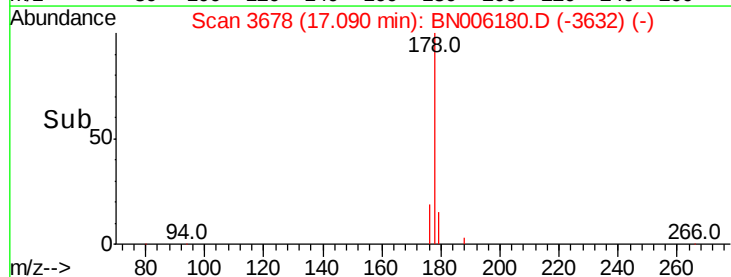
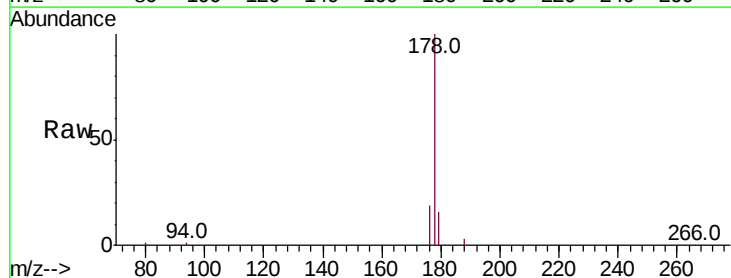
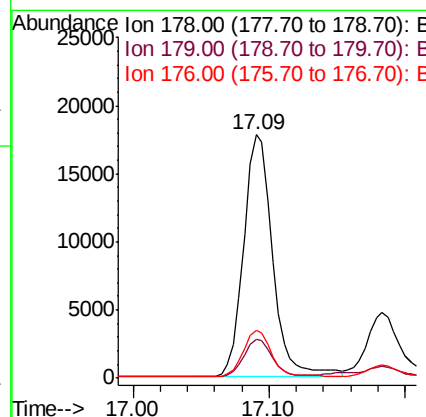
RT: 17.09 min Scan# 3678

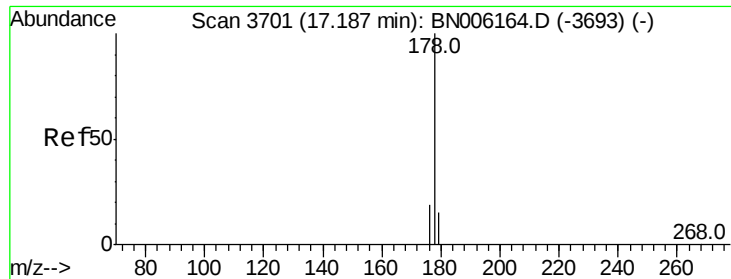
Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Tgt Ion:	178	Resp:	26619
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	19.5	15.3	22.9





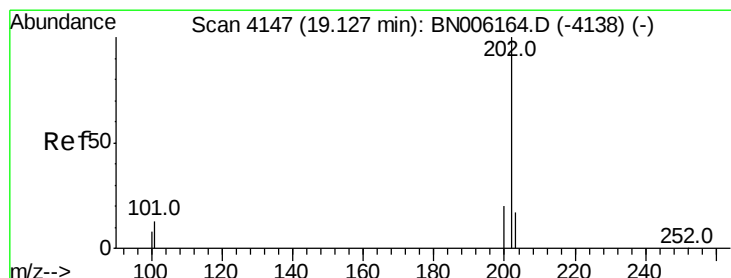
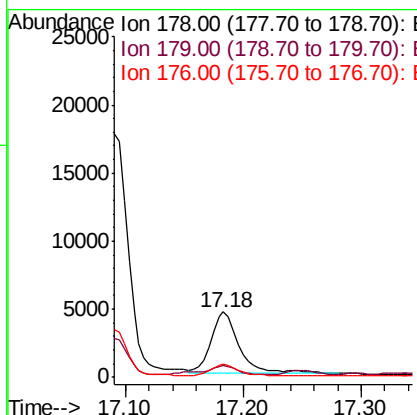
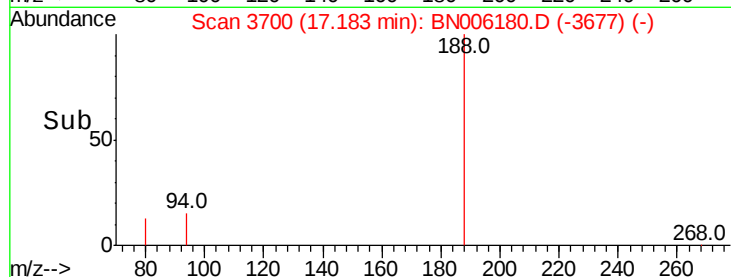
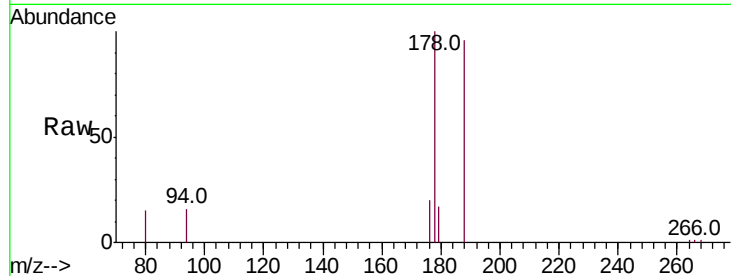
#13
 Anthracene
 Concen: 0.113 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006180.D
 Acq: 07 Jun 2019 22:47

Instrument :
 BNA_N
 ClientSampleId :
 A51D8DL

Tot Ion:178 Resp: 7600
 Ion Ratio Lower Upper
 178 100
 179 17.3 12.2 18.4
 176 19.7 15.1 22.7

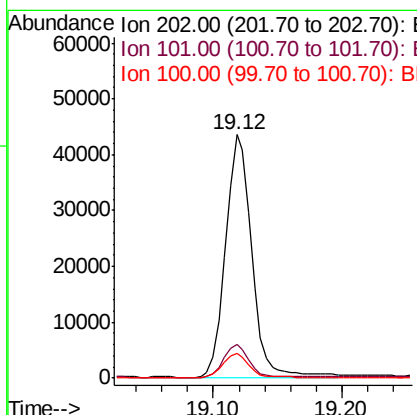
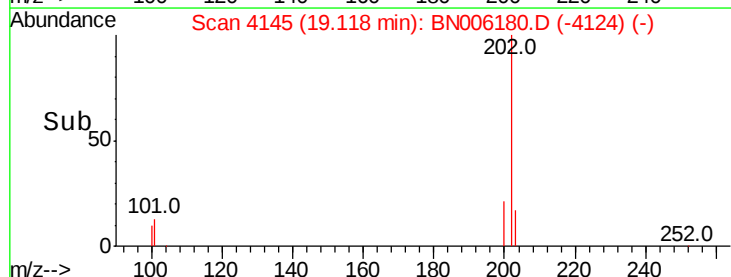
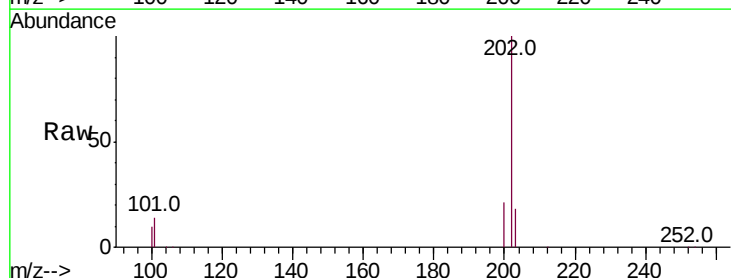
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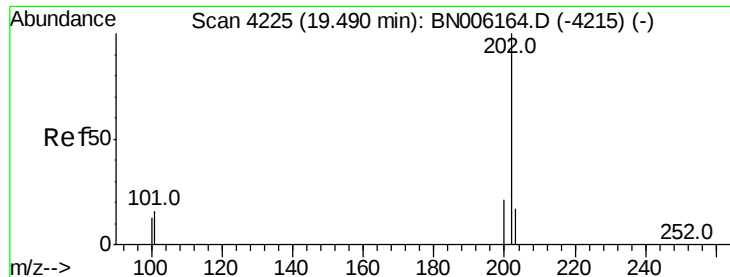
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#15
 Fluoranthene
 Concen: 0.789 ng/ul
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN006180.D
 Acq: 07 Jun 2019 22:47

Tgt Ion:202 Resp: 61439
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 32.1
 100 10.2 0.0 28.7





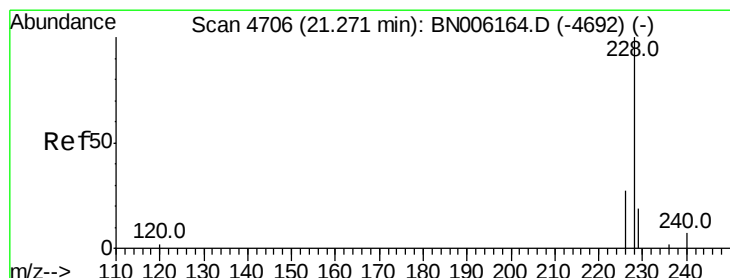
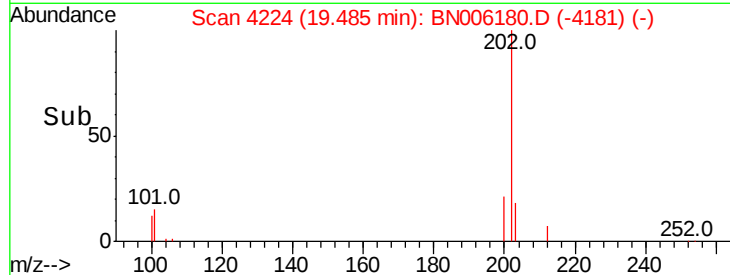
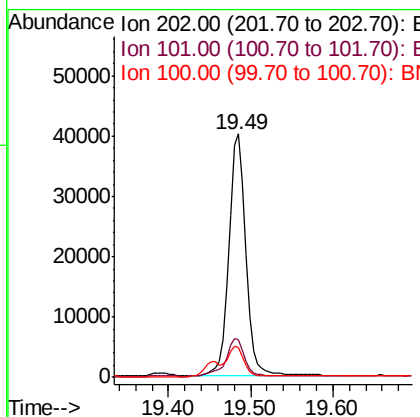
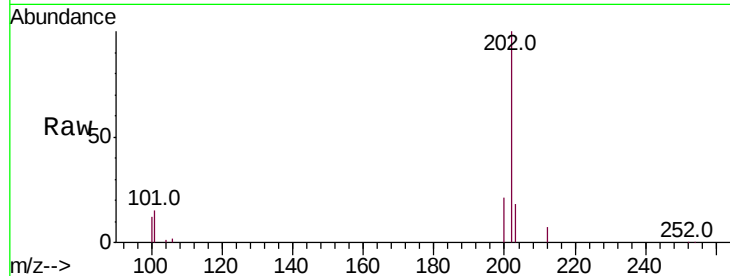
#17
Pvrene
Concen: 0.554 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006180.D
Acq: 07 Jun 2019 22:47

Instrument :
BNA_N
ClientSampled :
A51D8DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	57507		
101	15.5	12.2	18.2	
100	12.1	9.8	14.6	

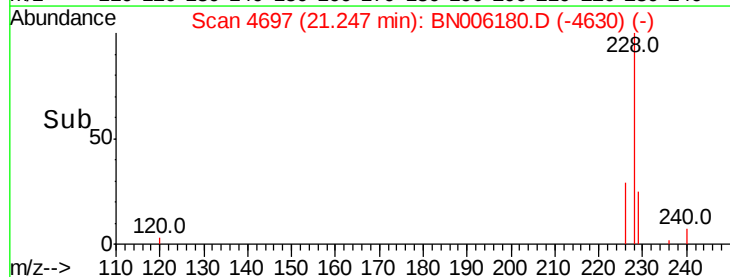
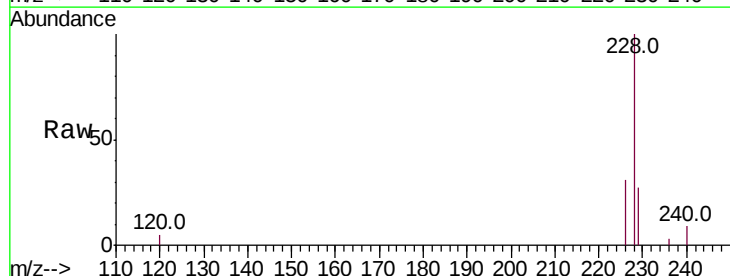
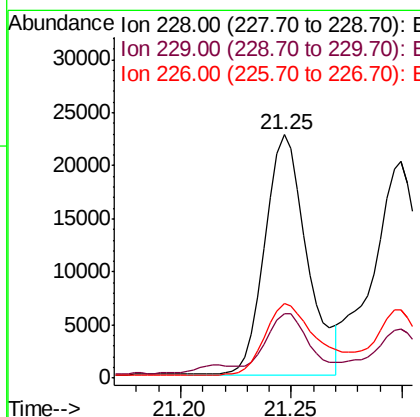
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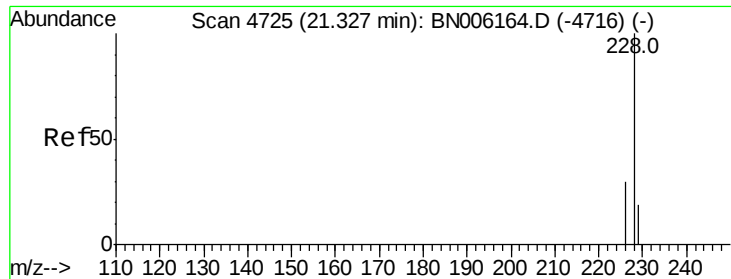
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#18
Benzo(a)anthracene
Concen: 0.341 ng/ul m
RT: 21.25 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BN006180.D
Acq: 07 Jun 2019 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	29729		
229	26.7	16.5	24.7#	
226	30.8	22.8	34.2	





#19

Chrysene

Concen: 0.401 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Instrument :

BNA_N

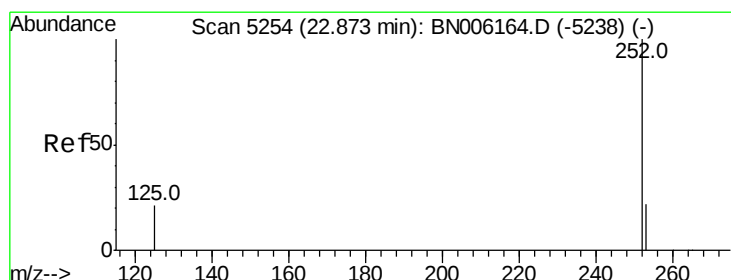
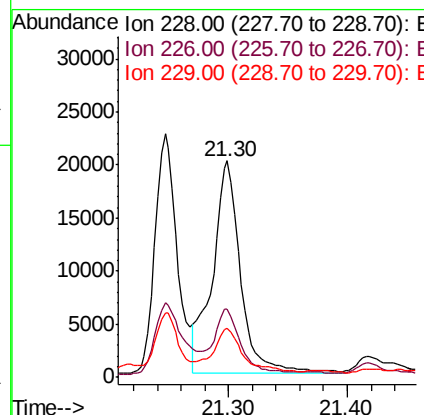
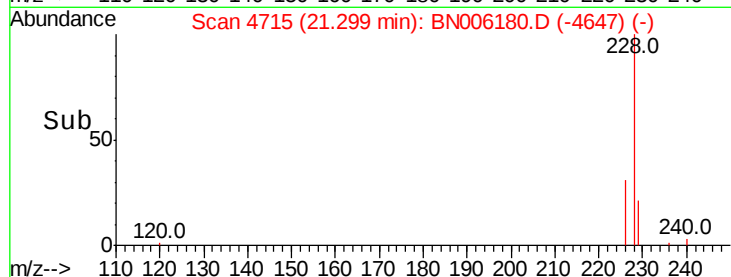
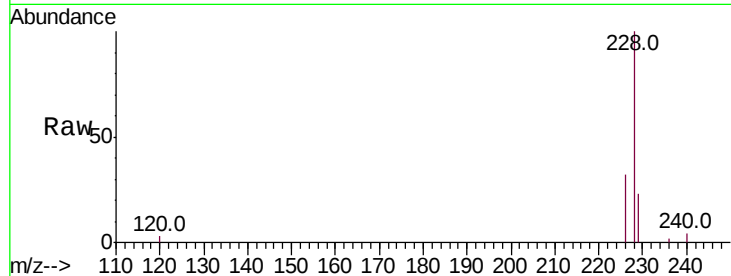
ClientSampleId :

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Tot Ion:228	Resp:	32835
Ion Ratio	Lower	Upper
228	100	
226	31.8	25.0 37.6
229	22.8	16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 0.366 ng/ul m

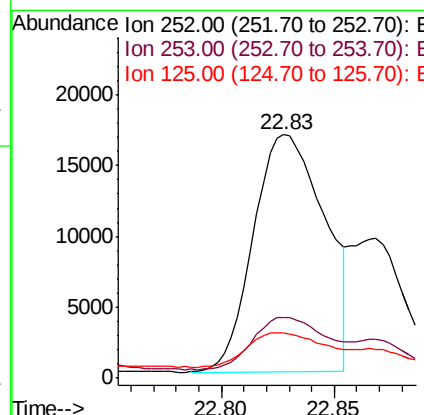
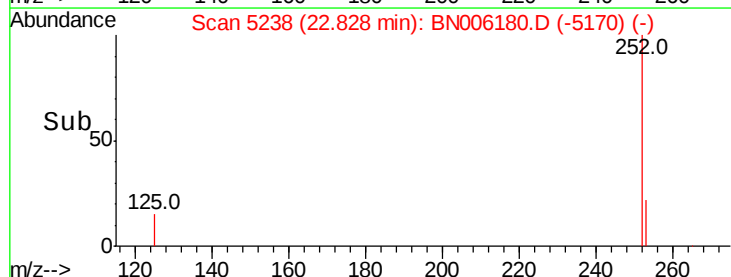
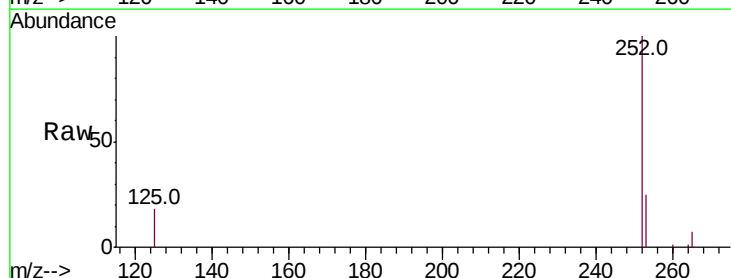
RT: 22.83 min Scan# 5238

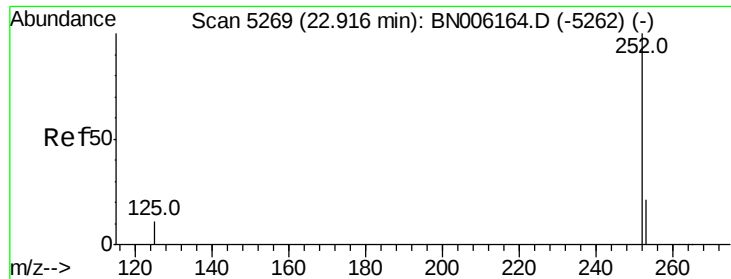
Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Tgt Ion:252	Resp:	36674
Ion Ratio	Lower	Upper
252	100	
253	25.0	0.0 51.4
125	18.5	0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 0.166 ng/ul m

RT: 22.87 min Scan# 5252

Delta R.T. -0.00 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Instrument :

BNA_N

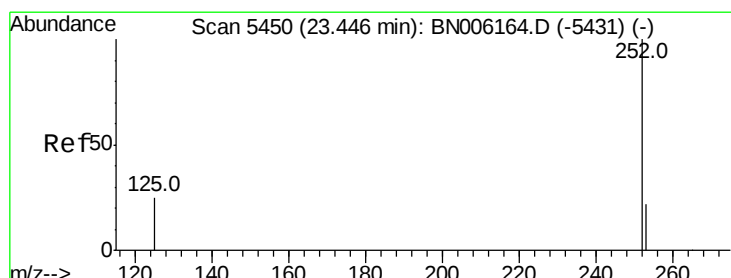
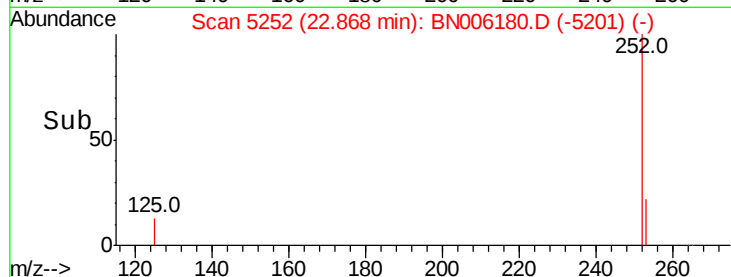
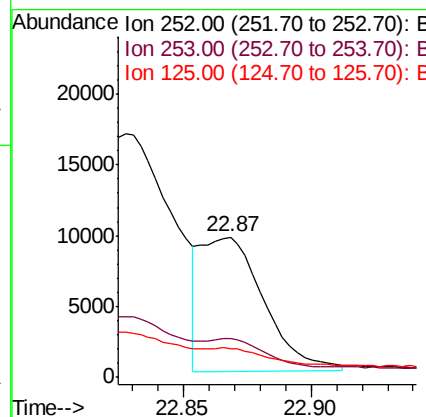
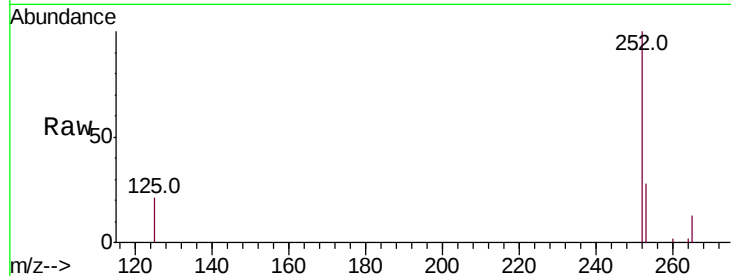
ClientSampleId :

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Tot Ion:	252	Resp:	16209
Ion Ratio	Lower	Upper	
252	100		
253	28.1	20.3	30.5
125	20.6	14.3	21.5

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#23

Benzo(a)pyrene

Concen: 0.275 ng/ul

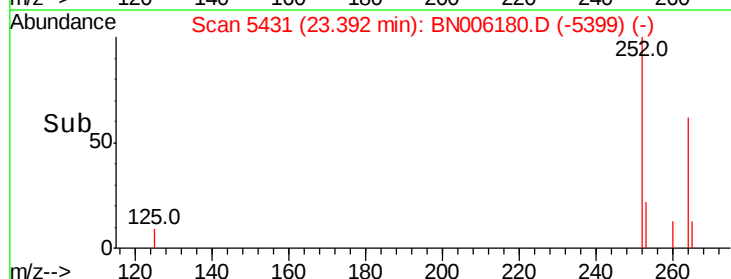
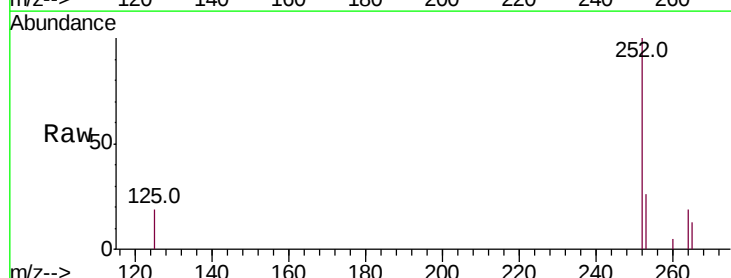
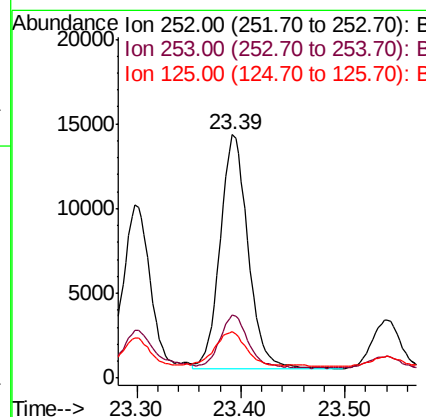
RT: 23.39 min Scan# 5431

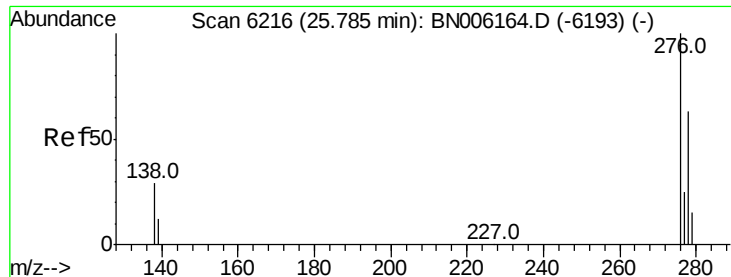
Delta R.T. -0.01 min

Lab File: BN006180.D

Acq: 07 Jun 2019 22:47

Tgt Ion:	252	Resp:	25658
Ion Ratio	Lower	Upper	
252	100		
253	25.8	21.1	31.7
125	18.9	20.3	30.5#





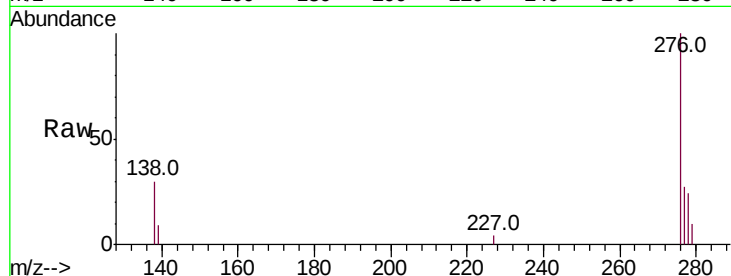
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/ul
RT: 25.72 min Scan# 6196
Delta R.T. -0.01 min
Lab File: BN006180.D
Acq: 07 Jun 2019 22:47

Instrument :
BNA_N
ClientSampleId :
A51D8DL

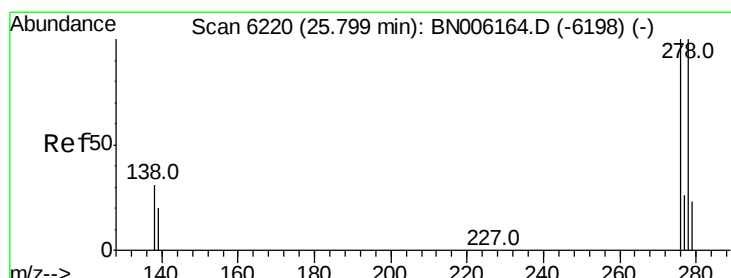
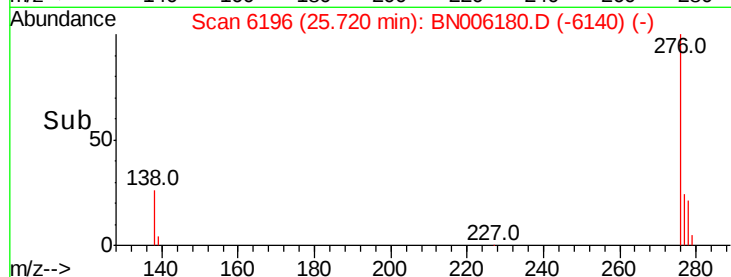
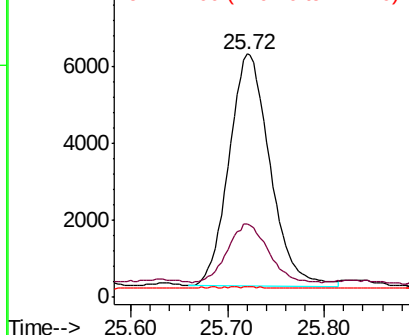
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.6	38.4
227	0.0	0.3	0.5

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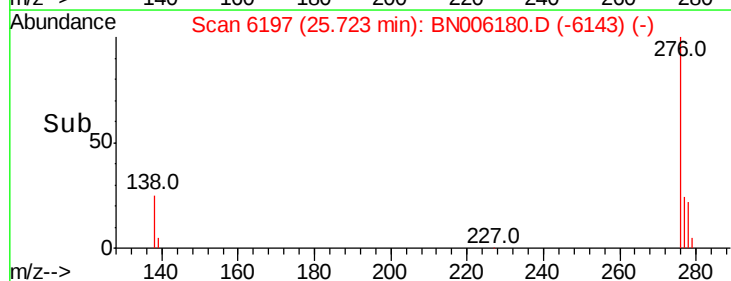
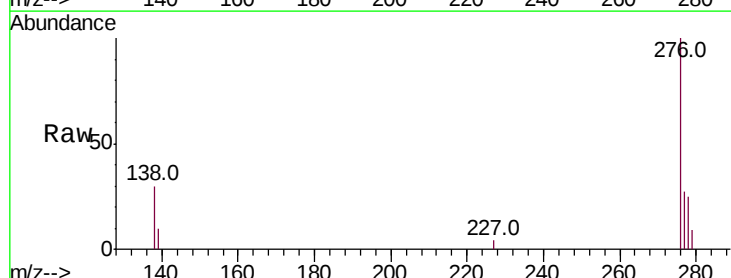
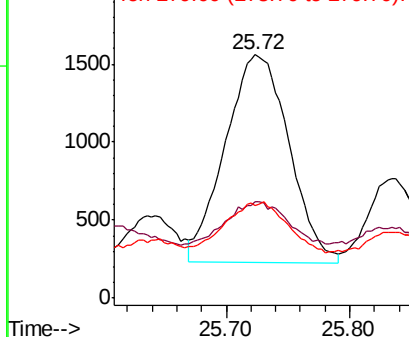
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

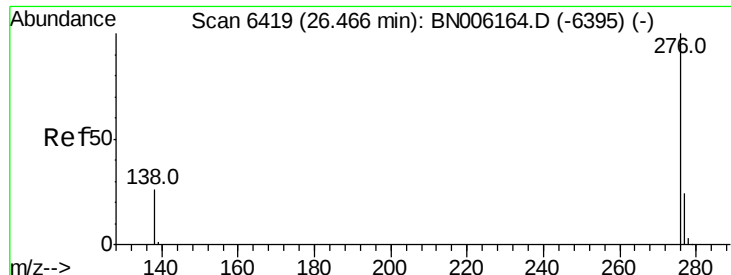


#25
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.02 min
Lab File: BN006180.D
Acq: 07 Jun 2019 22:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.8	21.2	31.8
279	38.2	22.6	33.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





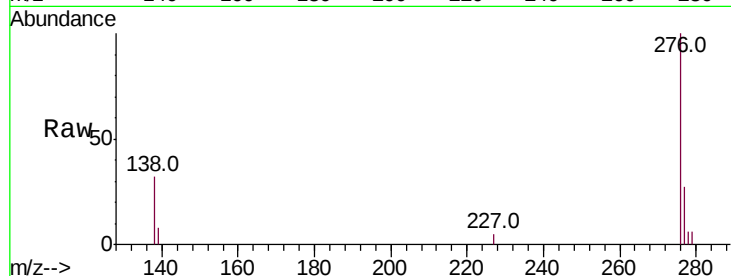
#26
 Benzo(a,h,i)perylene
 Concen: 0.171 ng/ul
 RT: 26.40 min Scan# 6400
 Delta R.T. -0.00 min
 Lab File: BN006180.D
 Acq: 07 Jun 2019 22:47

Instrument :
 BNA_N
 ClientSampleId :
 A51D8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	24.2	36.4
277	26.8	21.5	32.3

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:09:06 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

