

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006179.D
 Acq On : 07 Jun 2019 22:13
 Operator : JU/SJ
 Sample : K3016-22DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51D9DL

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:09:02 PM

Quant Time: Jun 08 03:36:44 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	5265	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20526	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10666	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	23568	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	18865	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	35409	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1643	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3440	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.48	128	29211	0.516	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	11059	0.280	ng/ul	99
7) Acenaphthylene	14.01	152	64263	1.084	ng/ul	100
8) Acenaphthene	14.36	153	42337	1.029	ng/ul	99
9) Fluorene	15.35	166	46827	0.973	ng/ul	97
12) Phenanthrene	17.09	178	987485	13.053	ng/ul	100
13) Anthracene	17.18	178	180747	2.502	ng/ul	99
15) Fluoranthene	19.12	202	1724566	20.644	ng/ul	99
17) Pyrene	19.49	202	1580408	15.904	ng/ul	97
18) Benzo(a)anthracene	21.25	228	796433	9.545	ng/ul	100
19) Chrysene	21.30	228	811651	10.362	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	970513m	6.573	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	358269m	2.491	ng/ul	
23) Benzo(a)pyrene	23.40	252	684268	4.976	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.73	276	436772	2.934	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.74	278	119710	1.006	ng/ul	95
26) Benzo(a,h,i)perylene	26.42	276	347129	2.785	ng/ul	94

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

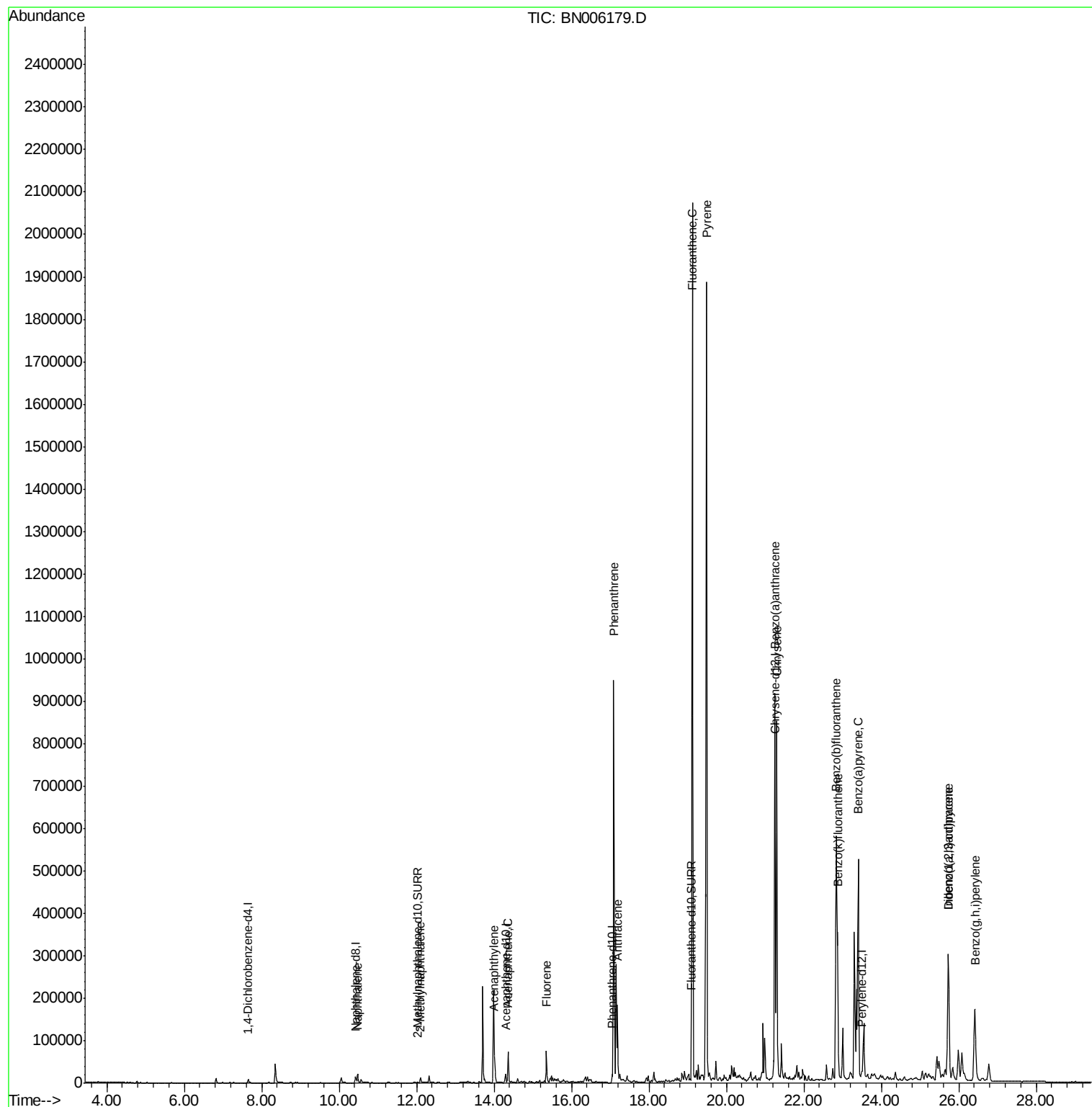
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
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ALS Vial : 45 Sample Multiplier: 1

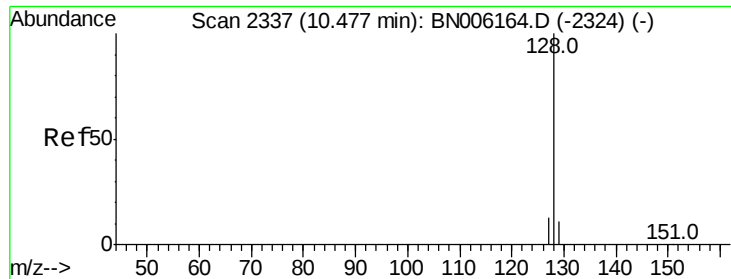
Instrument :
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A51D9DL

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QLast Update : Fri Jun 07 01:31:14 2019
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#3

Naphthalene

Concen: 0.516 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Instrument :

BNA_N

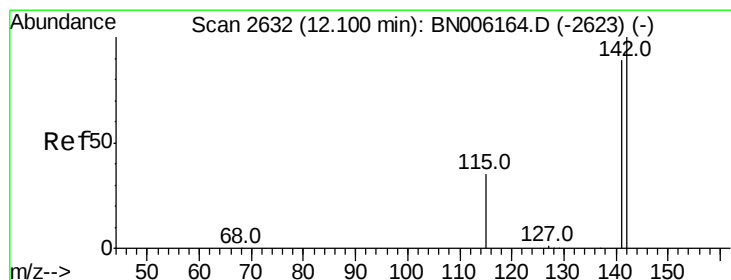
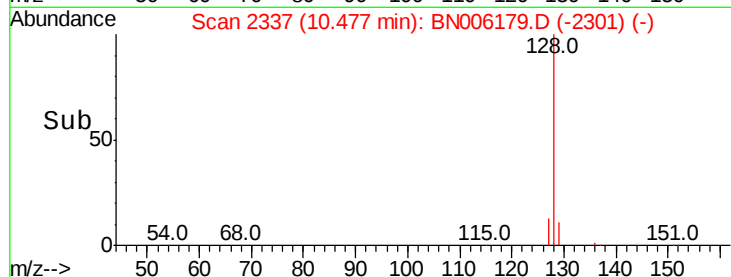
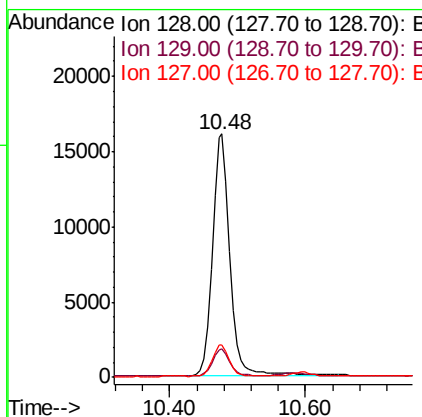
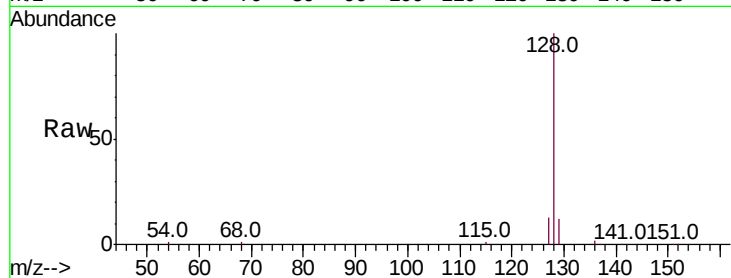
ClientSampleId :

A51D9DL

Tot Ion:	128	Resp:	29211
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.3	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.280 ng/ul

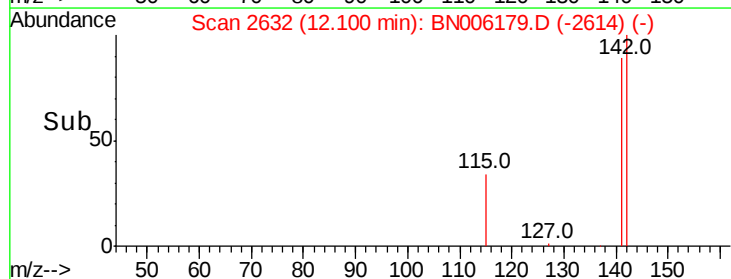
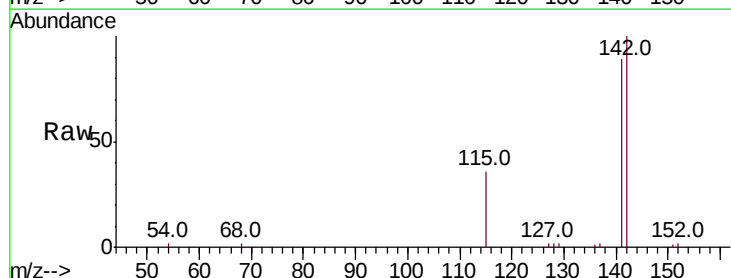
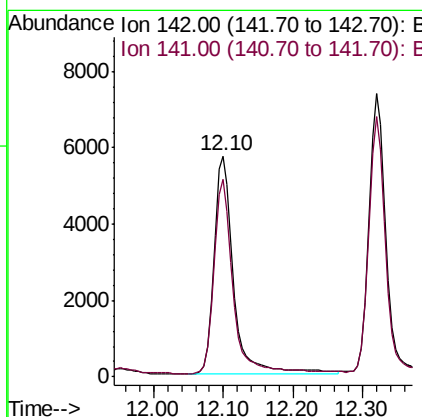
RT: 12.10 min Scan# 2632

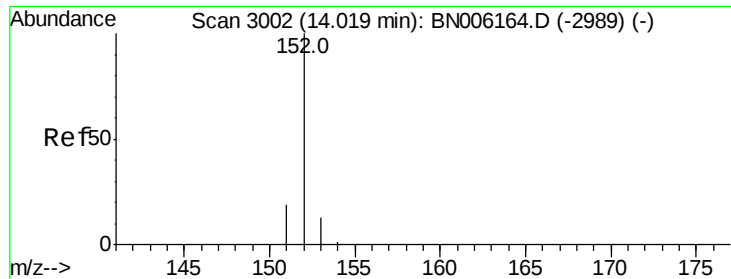
Delta R.T. 0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Tgt Ion:	142	Resp:	11059
Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.3	105.5





#7

Acenaphthylene

Concen: 1.084 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Instrument :

BNA_N

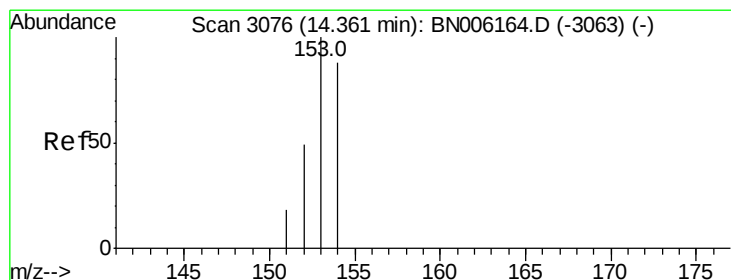
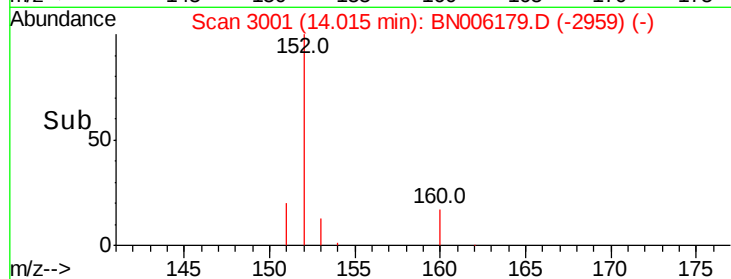
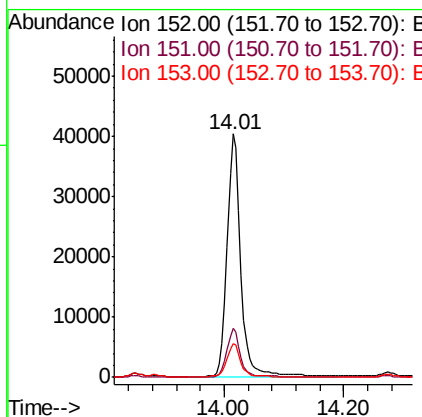
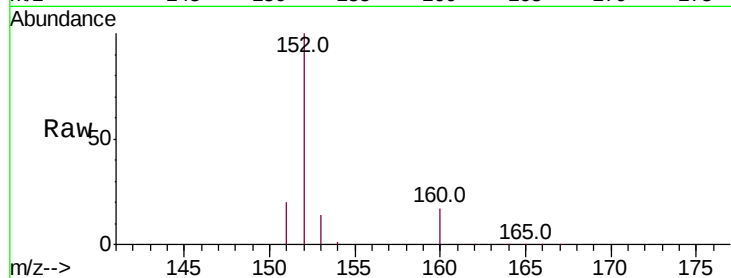
ClientSampleID :

A51D9DL

Tot Ion:	152	Resp:	64263
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.7	10.8	16.2

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#8

Acenaphthene

Concen: 1.029 ng/ul

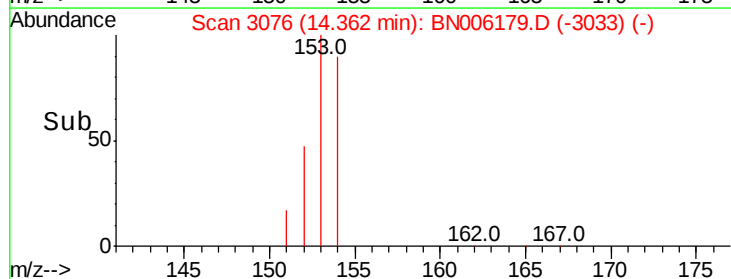
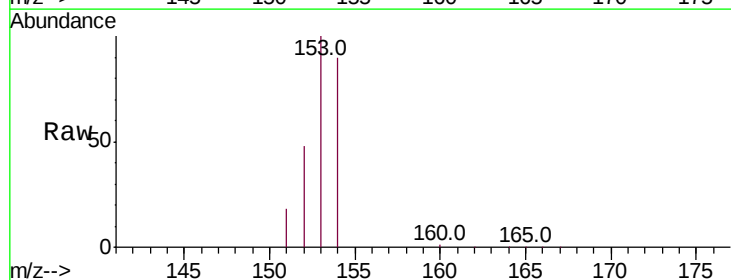
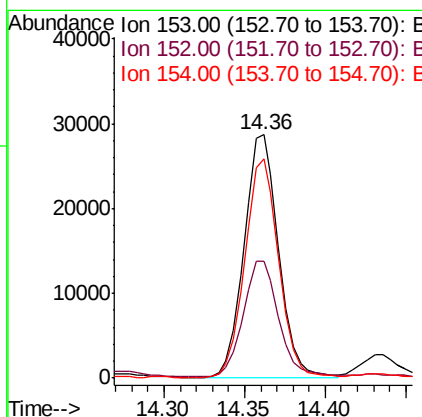
RT: 14.36 min Scan# 3076

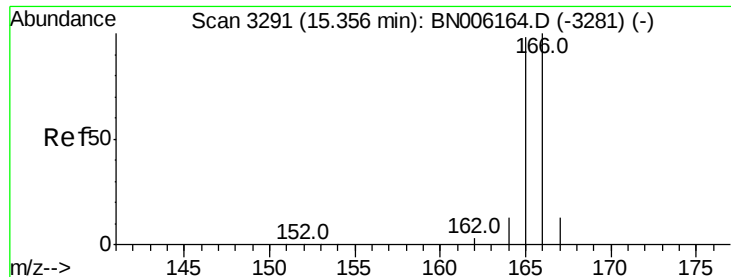
Delta R.T. 0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Tgt Ion:	153	Resp:	42337
Ion	Ratio	Lower	Upper
153	100		
152	48.0	39.1	58.7
154	90.1	71.1	106.7





#9

Fluorene

Concen: 0.973 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Instrument :

BNA_N

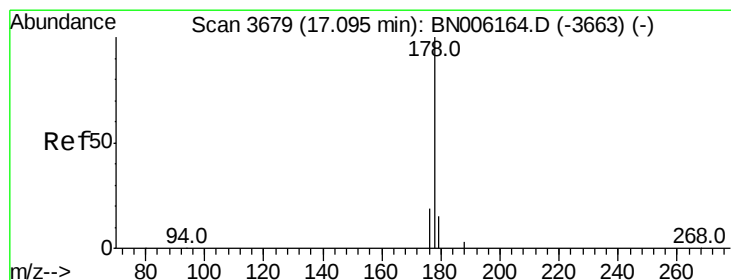
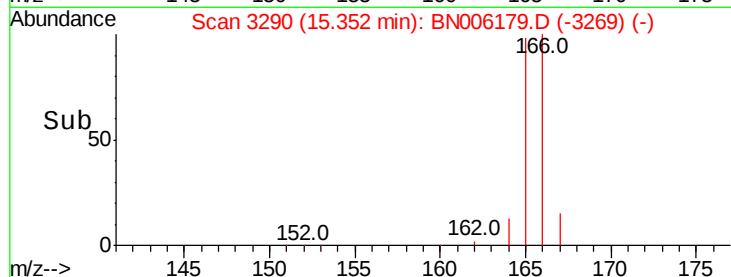
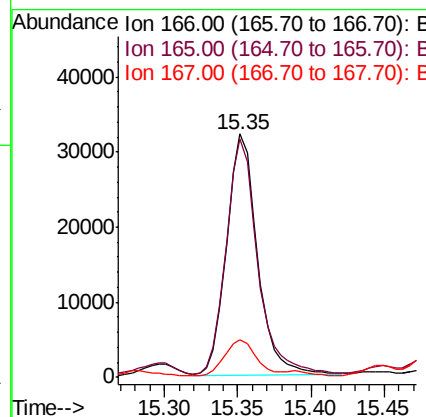
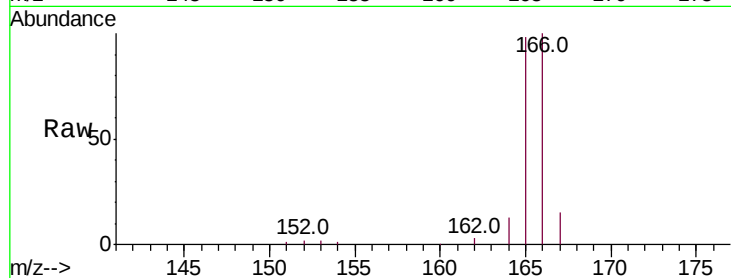
ClientSampleId :

A51D9DL

Tot Ion:	166	Resp:	46827
Ion Ratio	Lower	Upper	
166	100		
165	98.1	76.4	114.6
167	15.4	11.0	16.6

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#12

Phenanthrene

Concen: 13.053 ng/ul

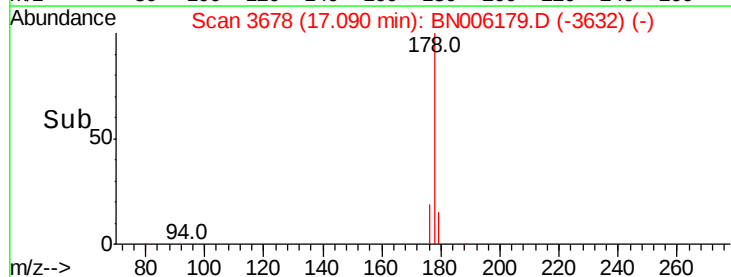
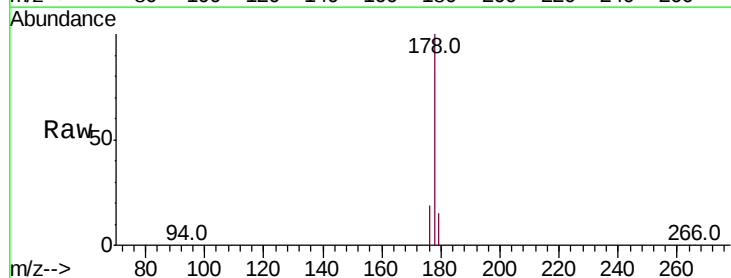
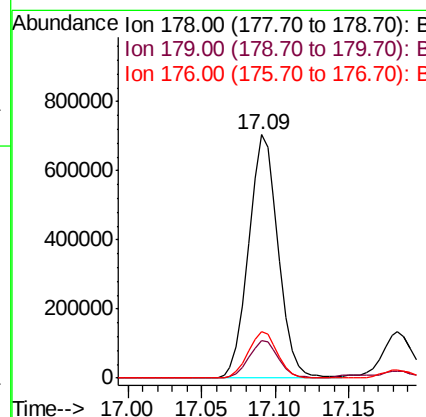
RT: 17.09 min Scan# 3678

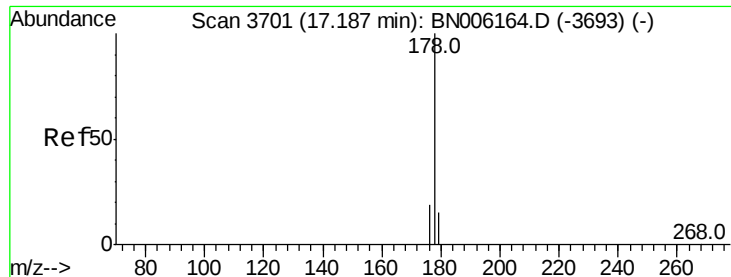
Delta R.T. -0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Tgt Ion:	178	Resp:	987485
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	19.2	15.3	22.9





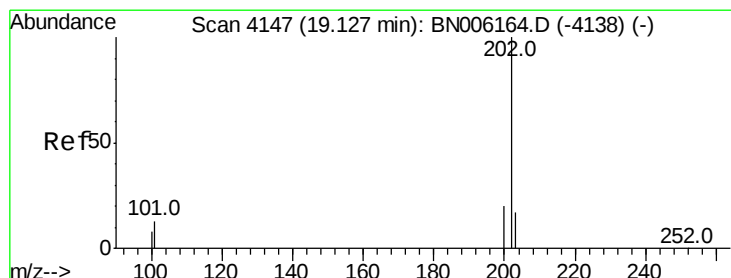
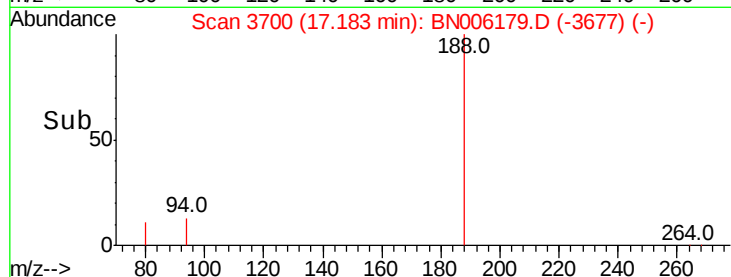
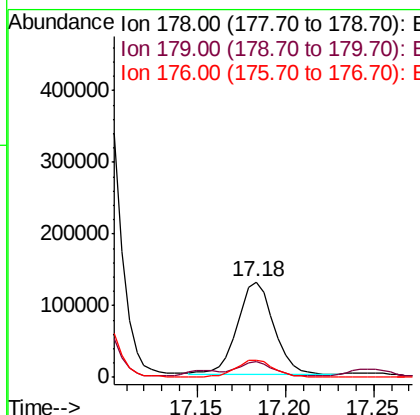
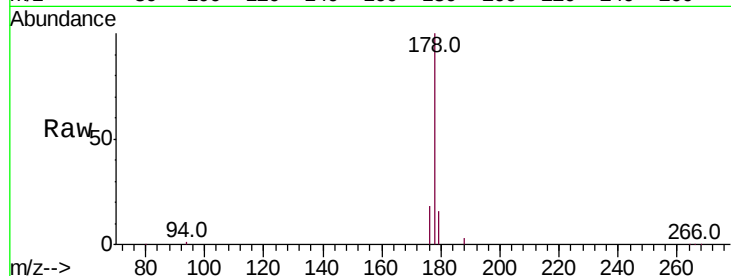
#13
 Anthracene
 Concen: 2.502 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006179.D
 Acq: 07 Jun 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 A51D9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.4	15.1	22.7

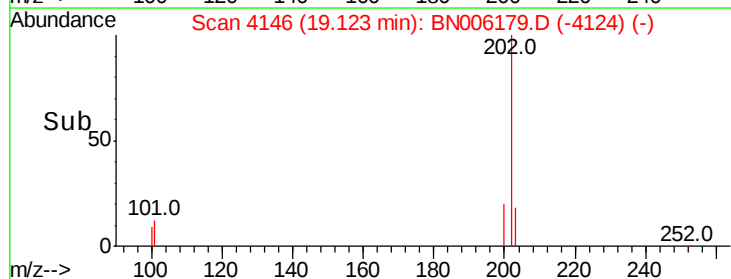
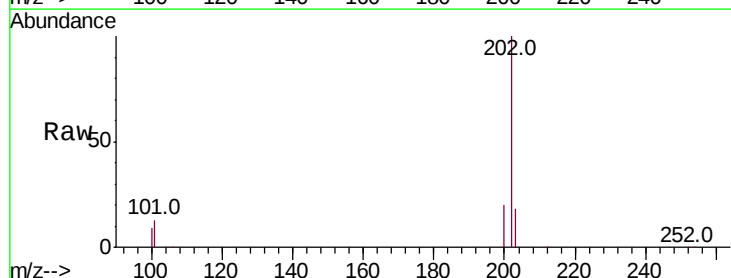
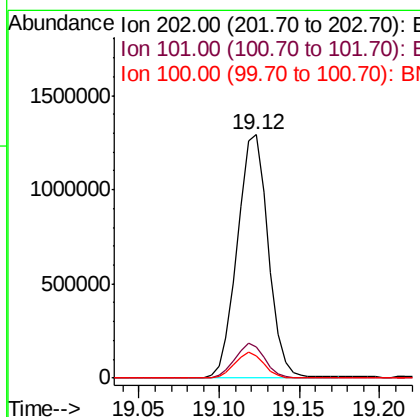
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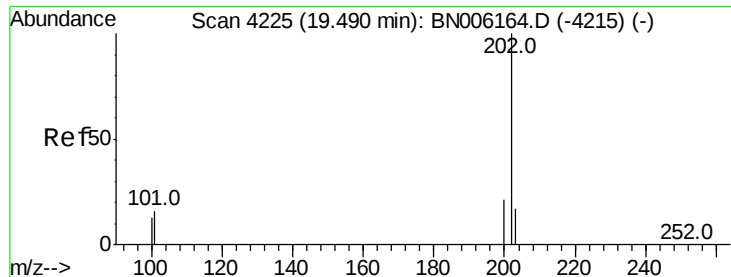
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#15
 Fluoranthene
 Concen: 20.644 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006179.D
 Acq: 07 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.1
100	9.2	0.0	28.7





#17

Pvrene

Concen: 15.904 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. 0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Instrument :

BNA_N

ClientSampleId :

A51D9DL

Tot Ion:202 Resp: 1580408

Ion Ratio Lower Upper

202 100

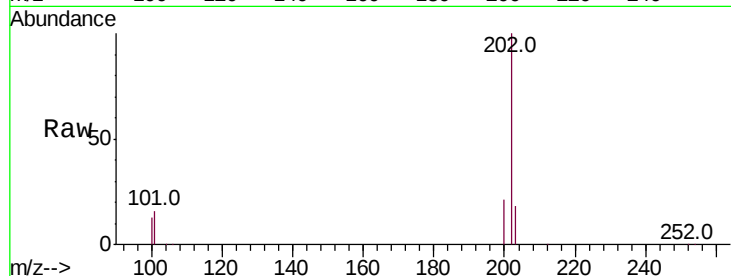
101 16.4 12.2 18.2

100 13.0 9.8 14.6

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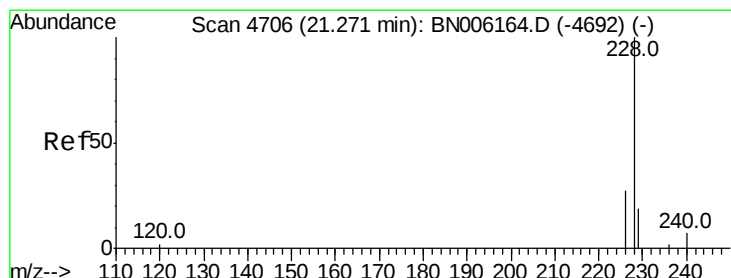
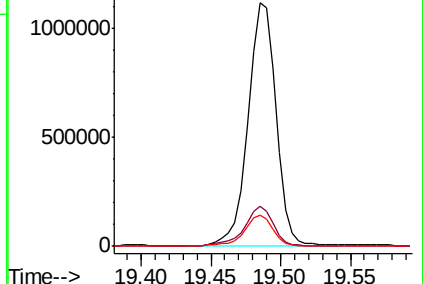
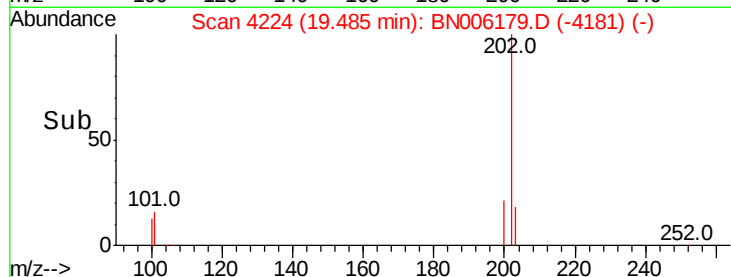
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 9.545 ng/ul

RT: 21.25 min Scan# 4699

Delta R.T. 0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

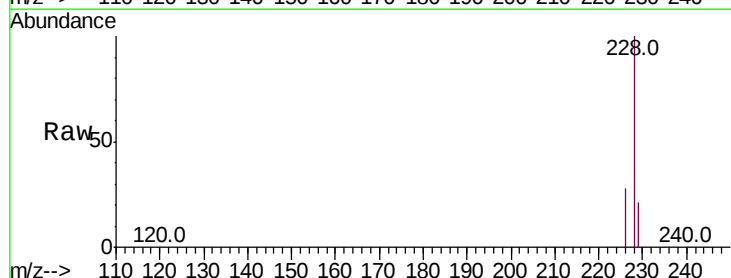
Tgt Ion:228 Resp: 796433

Ion Ratio Lower Upper

228 100

229 20.8 16.5 24.7

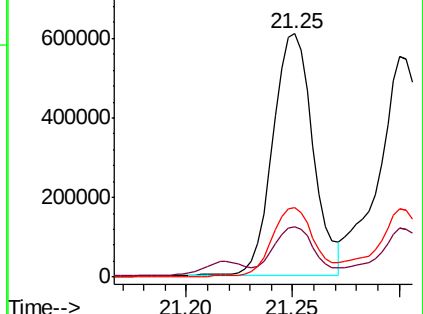
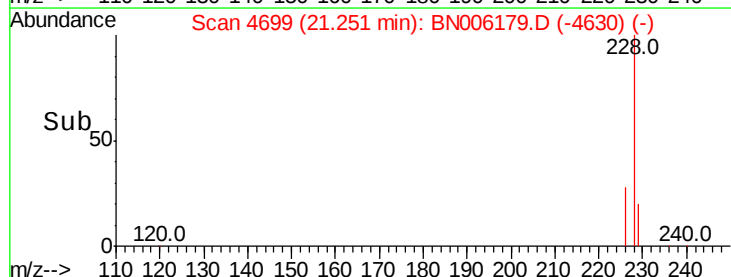
226 28.5 22.8 34.2

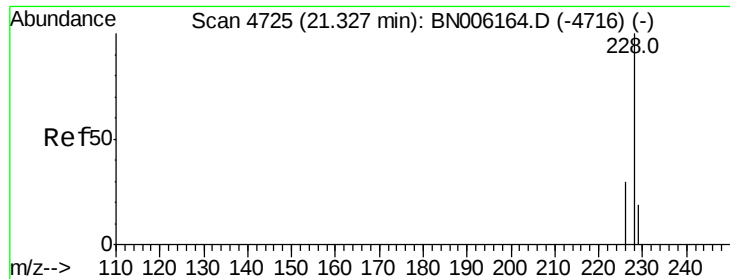


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 10.362 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. 0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Instrument :

BNA_N

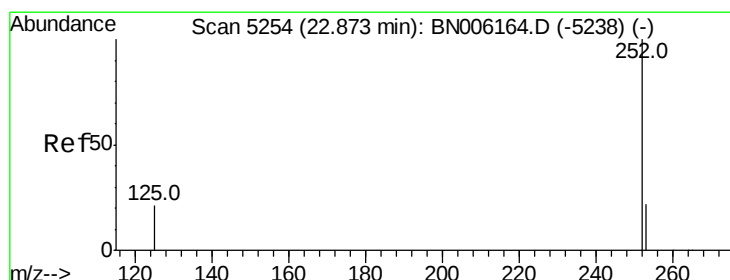
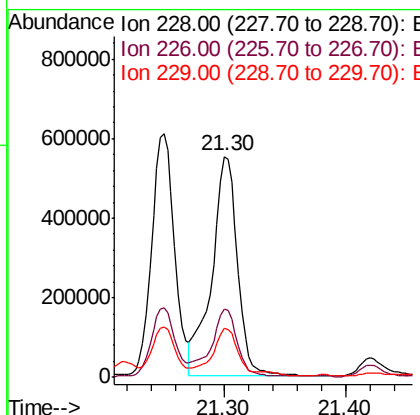
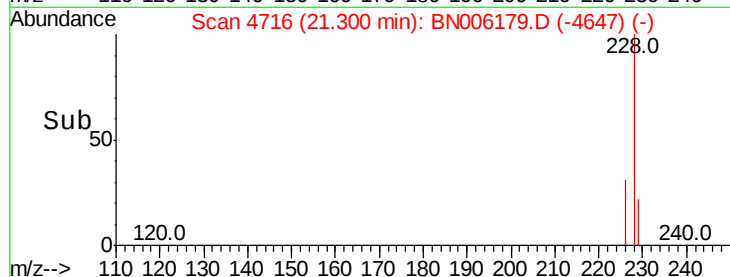
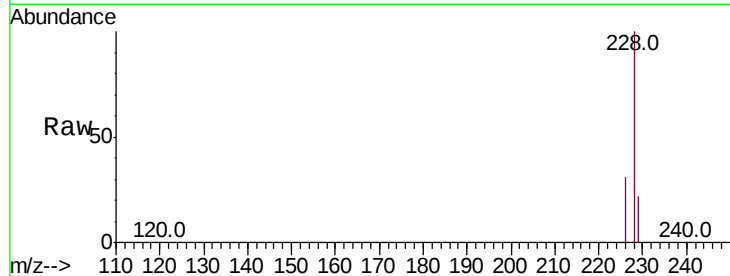
ClientSampleId :

A51D9DL

Tot Ion:	228	Resp:	811651
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	22.2	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 6.573 ng/ul m

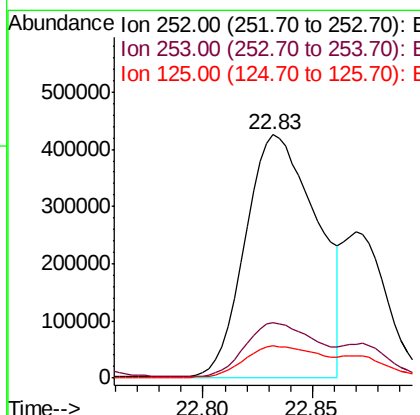
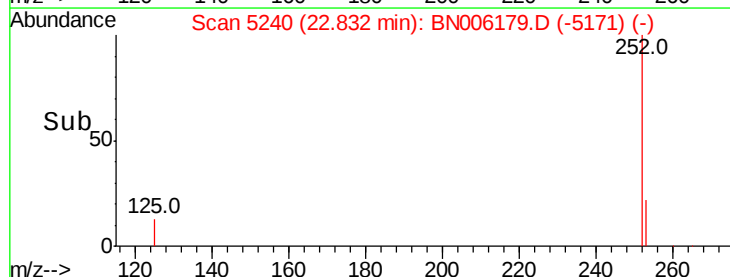
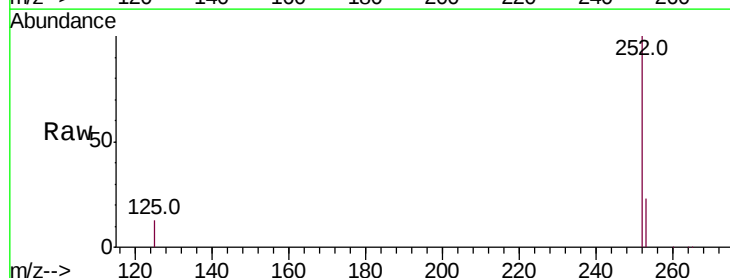
RT: 22.83 min Scan# 5240

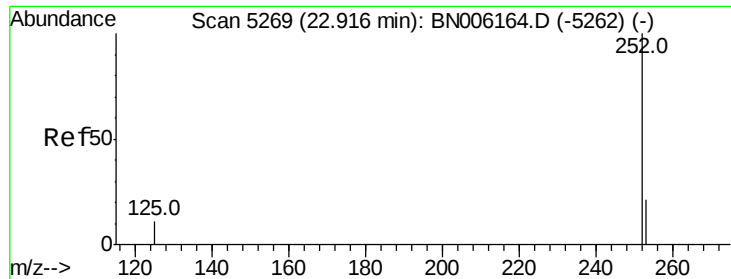
Delta R.T. 0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Tgt Ion:	252	Resp:	970513
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	51.4
125	13.2	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 2.491 ng/ul m

RT: 22.87 min Scan# 5253

Delta R.T. 0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Instrument :

BNA_N

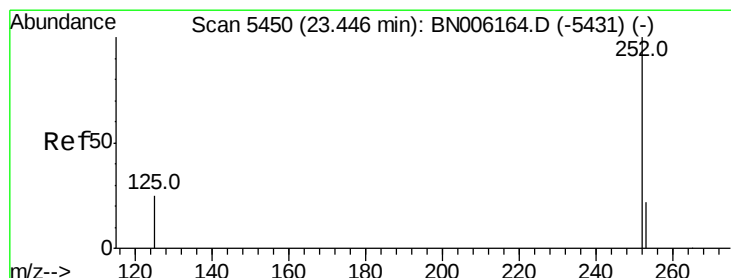
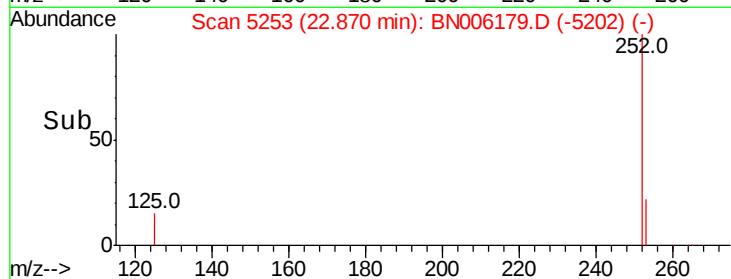
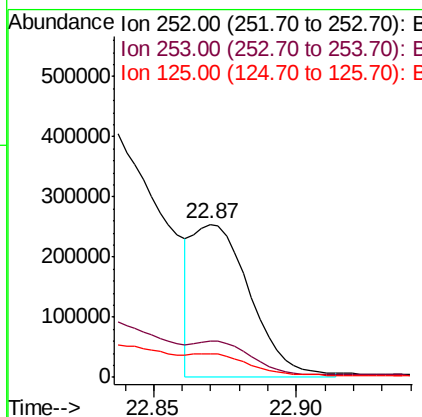
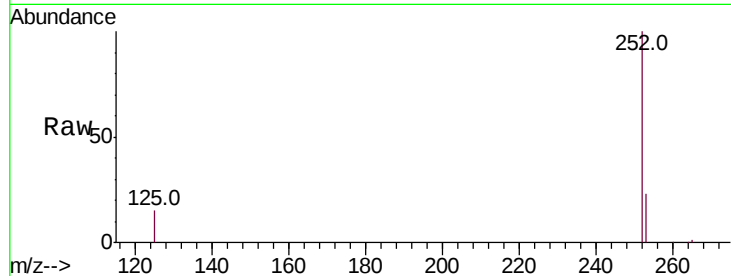
ClientSampled :

A51D9DL

Tot Ion:	252	Resp:	358269
Ion Ratio	Lower	Upper	
252	100		
253	23.5	20.3	30.5
125	15.5	14.3	21.5

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#23

Benzo(a)pyrene

Concen: 4.976 ng/ul

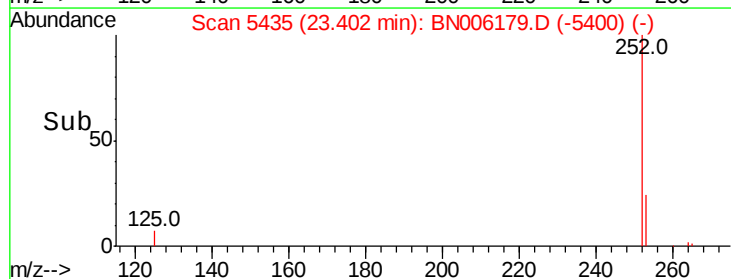
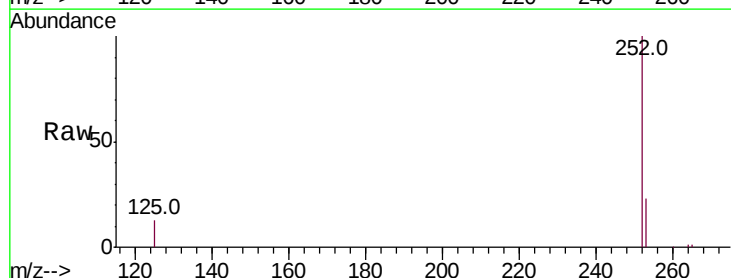
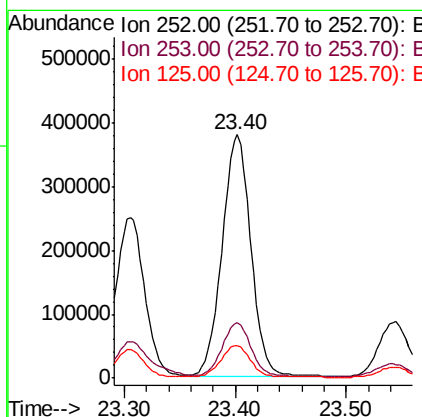
RT: 23.40 min Scan# 5435

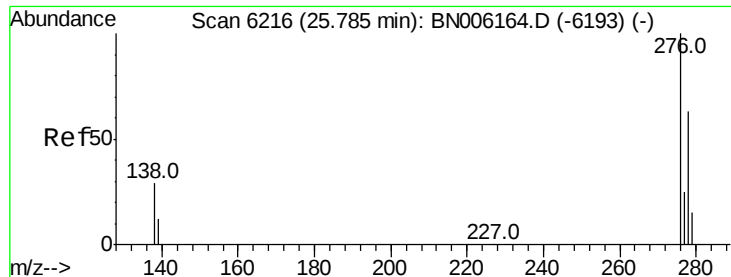
Delta R.T. 0.00 min

Lab File: BN006179.D

Acq: 07 Jun 2019 22:13

Tgt Ion:	252	Resp:	684268
Ion Ratio	Lower	Upper	
252	100		
253	23.0	21.1	31.7
125	13.5	20.3	30.5#





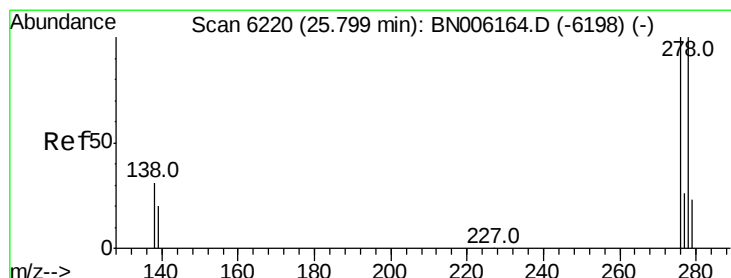
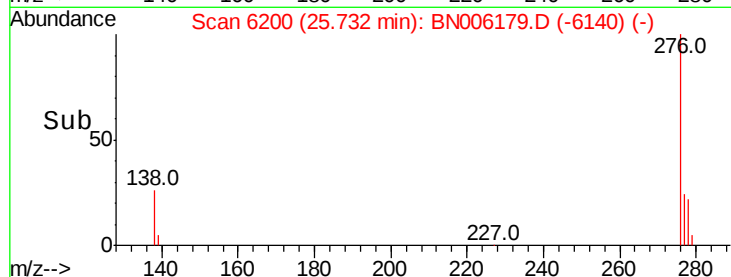
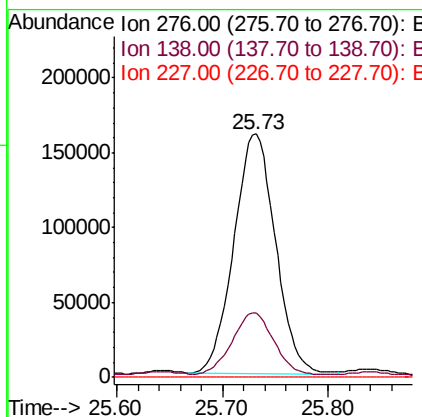
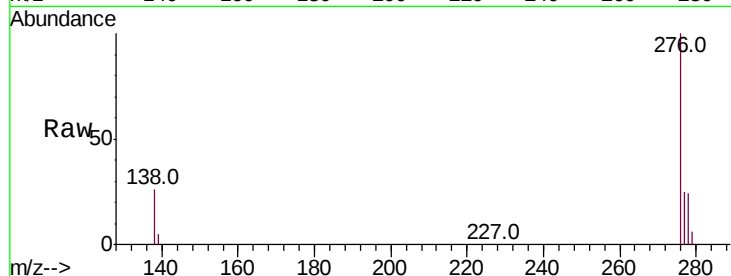
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.934 ng/ul
 RT: 25.73 min Scan# 6200
 Delta R.T. 0.00 min
 Lab File: BN006179.D
 Acq: 07 Jun 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 A51D9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.6	38.4
227	0.3	0.3	0.5

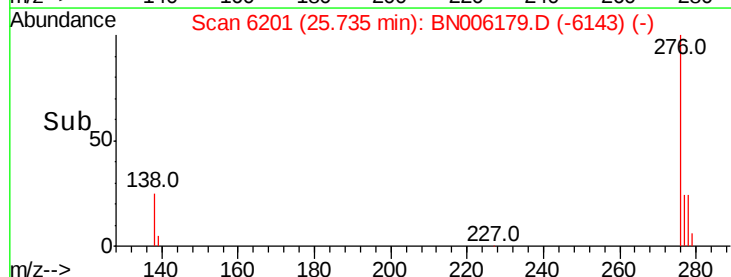
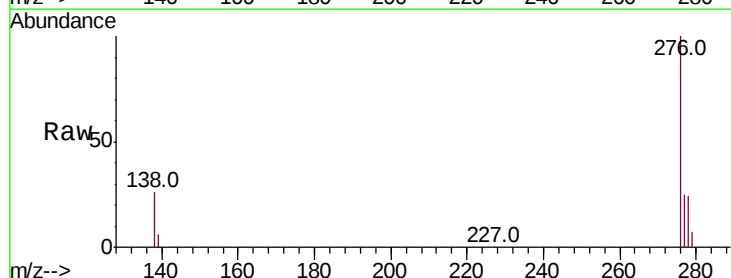
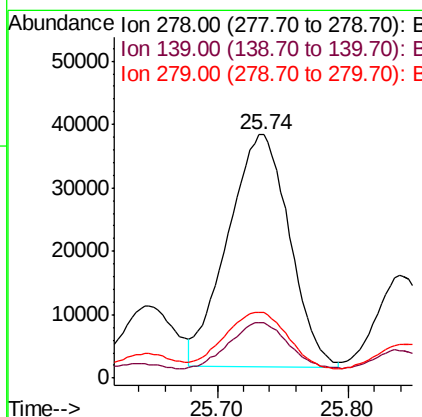
Manual Integrations
 APPROVED

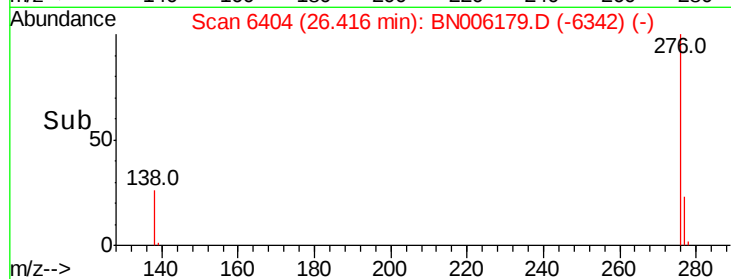
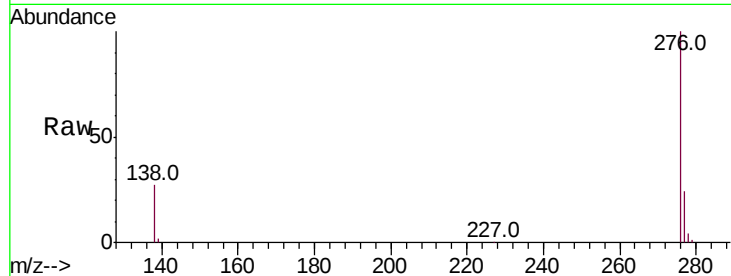
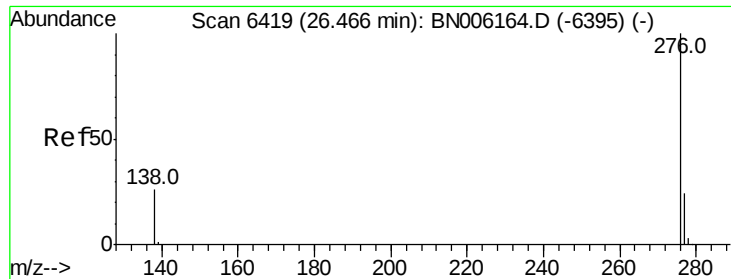
mohammad
 6/11/2019 5:09:02 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.006 ng/ul
 RT: 25.74 min Scan# 6201
 Delta R.T. -0.01 min
 Lab File: BN006179.D
 Acq: 07 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	21.2	31.8
279	27.1	22.6	33.8





#26
 Benzo(a,h,i)perylene
 Concen: 2.785 ng/ul
 RT: 26.42 min Scan# 6404
 Delta R.T. 0.01 min
 Lab File: BN006179.D
 Acq: 07 Jun 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 A51D9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	24.2	36.4
277	24.2	21.5	32.3

Manual Integrations
 APPROVED

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 6/11/2019 5:09:02 PM

