

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006228.D
 Acq On : 10 Jun 2019 18:17
 Operator : JU/SJ
 Sample : K3016-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C2

Manual Integrations
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Quant Time: Jun 11 11:57:27 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4926	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18506	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9643	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20244m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	15989m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	15309m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4895	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11367m	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	5129	0.100	ng/ul#	95
5) 2-Methylnaphthalene	12.10	142	2566	0.072	ng/ul	99
7) Acenaphthylene	14.01	152	62615	1.168	ng/ul	100
8) Acenaphthene	14.36	153	1465	0.039	ng/ul#	93
9) Fluorene	15.35	166	6661	0.153	ng/ul#	92
12) Phenanthrene	17.09	178	94591m	1.456	ng/ul	
13) Anthracene	17.18	178	52392m	0.844	ng/ul	
15) Fluoranthene	19.12	202	232533m	3.241	ng/ul	
17) Pyrene	19.49	202	291797	3.465	ng/ul	99
18) Benzo(a)anthracene	21.24	228	129265m	1.828	ng/ul	
19) Chrysene	21.30	228	159618	2.404	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	199994m	3.133	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	78662m	1.265	ng/ul	
23) Benzo(a)pyrene	23.40	252	141081	2.373	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.73	276	95025	1.477	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.73	278	24922	0.484	ng/ul	98
26) Benzo(a,h,i)perylene	26.41	276	55465	1.029	ng/ul	96

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

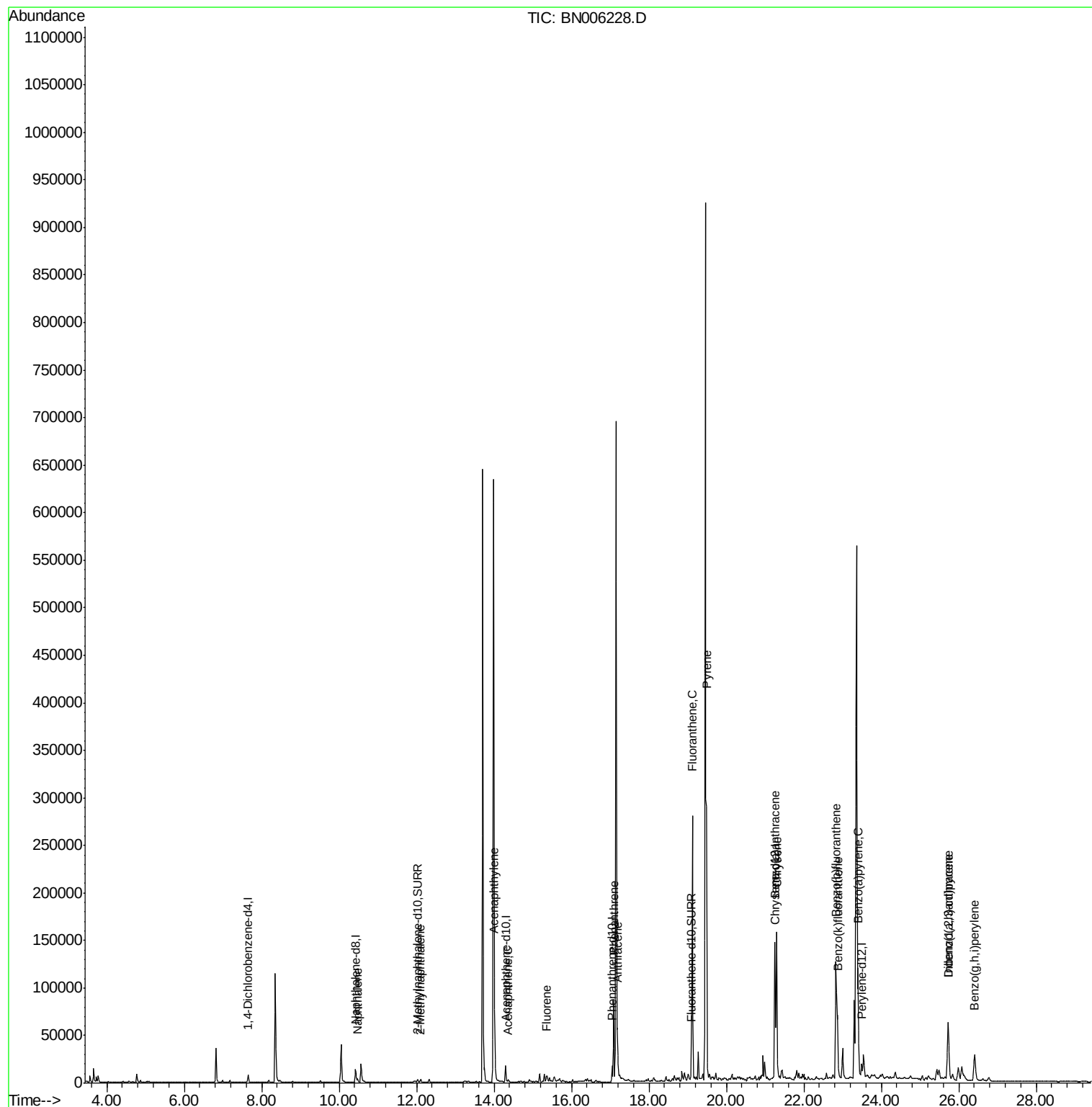
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
Data File : BN006228.D
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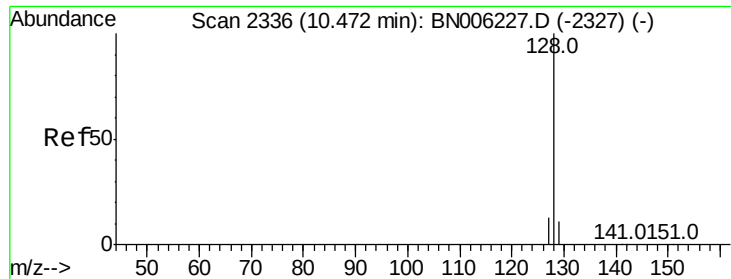
Instrument :
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#3

Naphthalene

Concen: 0.100 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Instrument :

BNA_N

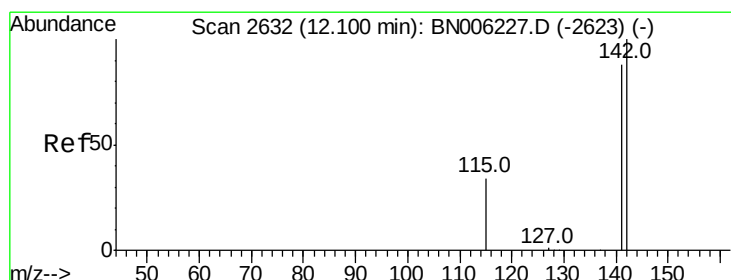
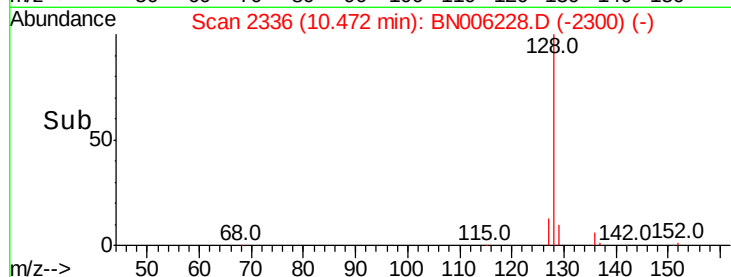
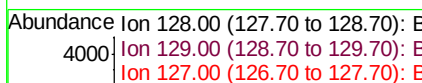
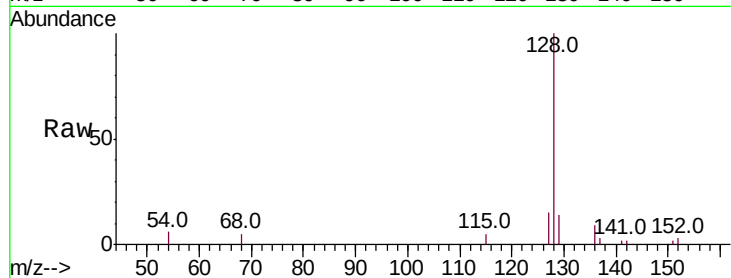
ClientSampleId :

A51C2

Tot Ion:	128	Resp:	5129
Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.3	13.9#
127	14.6	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.072 ng/ul

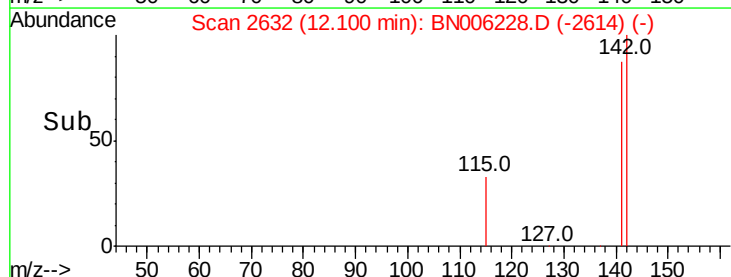
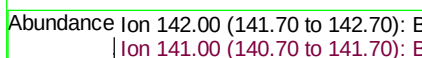
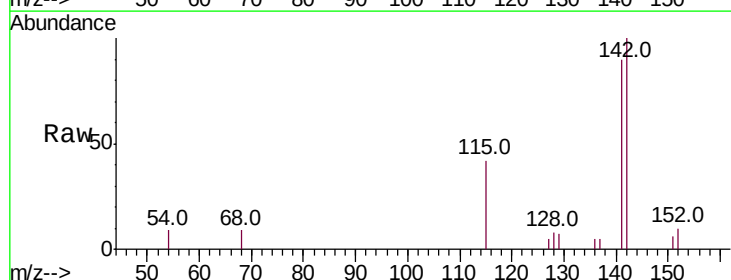
RT: 12.10 min Scan# 2632

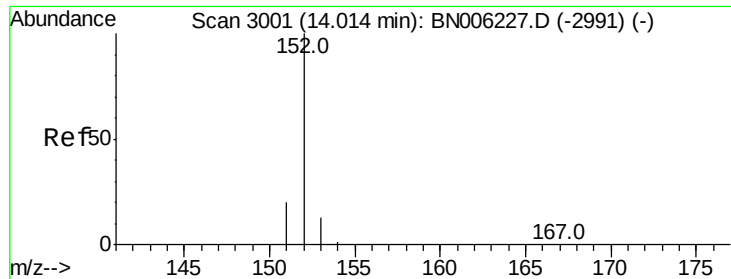
Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Tgt Ion:	142	Resp:	2566
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5





#7

Acenaphthylene

Concen: 1.168 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Instrument :

BNA_N

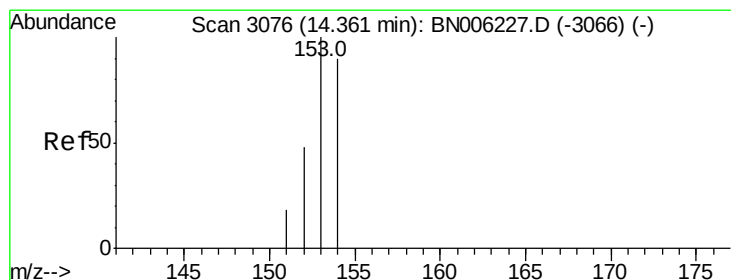
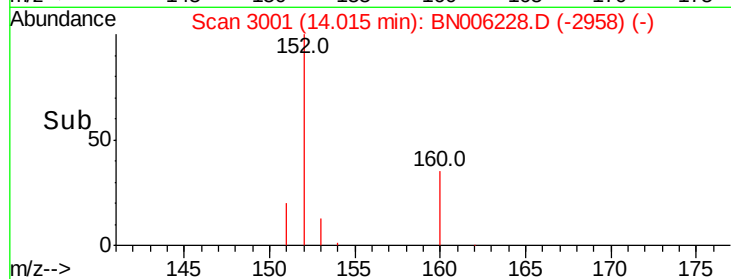
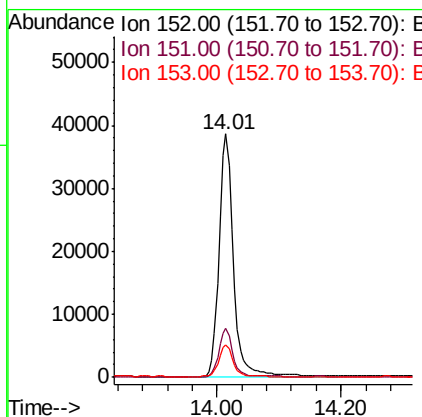
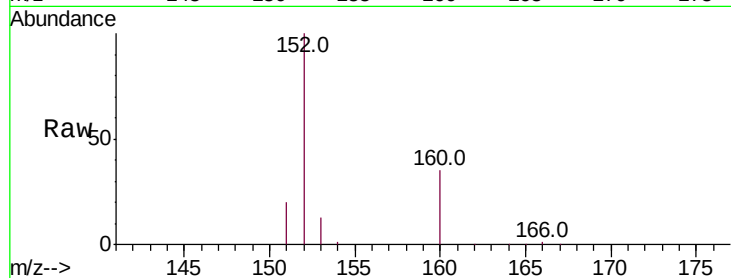
ClientSampled :

A51C2

Tot Ion:	152	Resp:	62615
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.8
153	13.4	10.8	16.2

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#8

Acenaphthene

Concen: 0.039 ng/ul

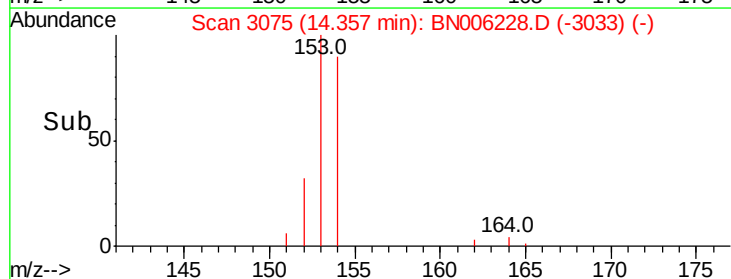
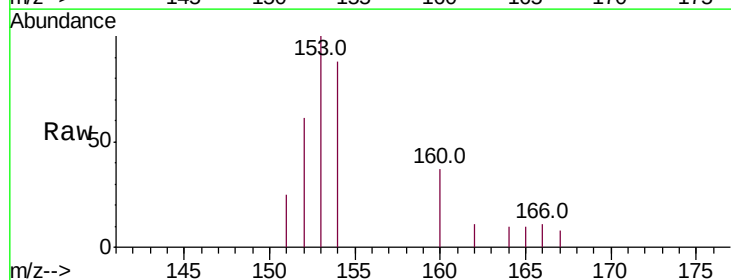
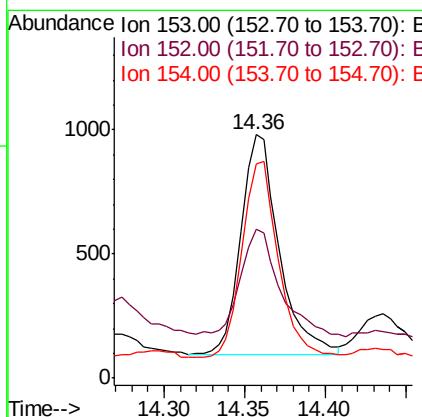
RT: 14.36 min Scan# 3075

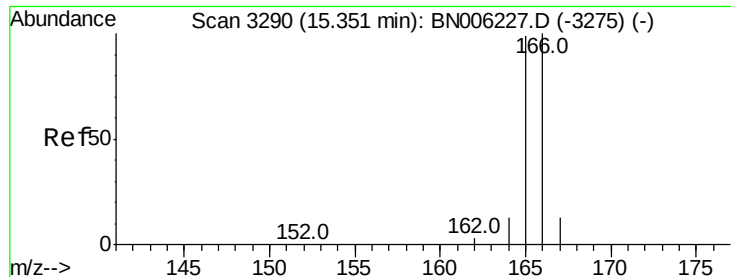
Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Tgt Ion:	153	Resp:	1465
Ion Ratio	Lower	Upper	
153	100		
152	61.0	39.1	58.7#
154	88.1	71.1	106.7





#9

Fluorene

Concen: 0.153 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Instrument :

BNA_N

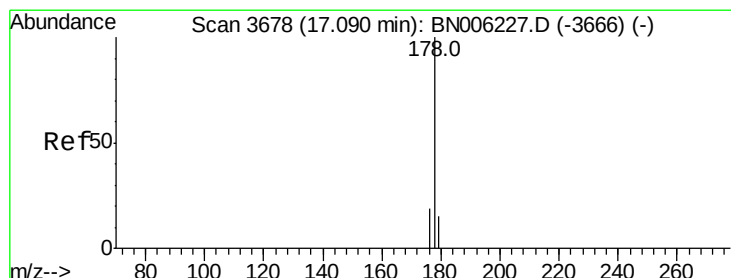
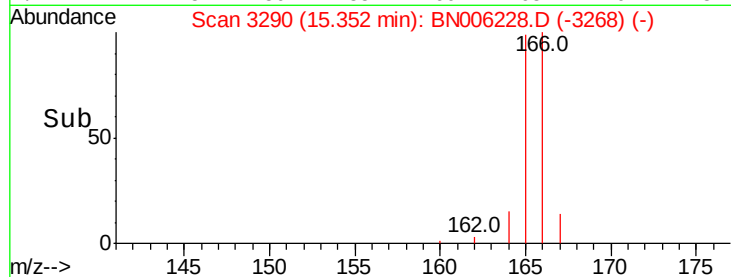
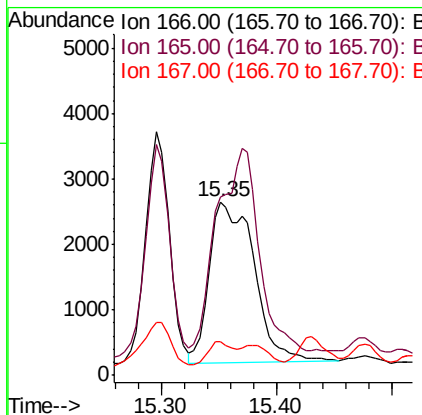
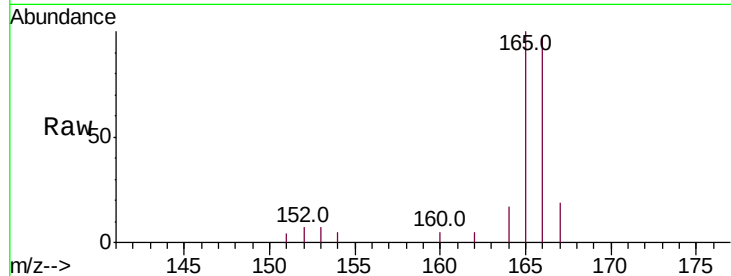
ClientSampleId :

A51C2

Tot Ion:	166	Resp:	6661
Ion Ratio	Lower	Upper	
166	100		
165	102.7	76.4	114.6
167	19.2	11.0	16.6#

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#12

Phenanthrene

Concen: 1.456 ng/ul m

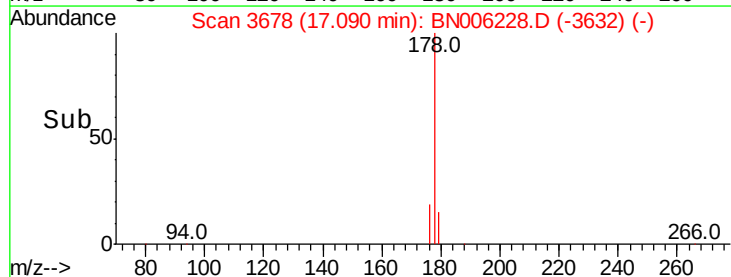
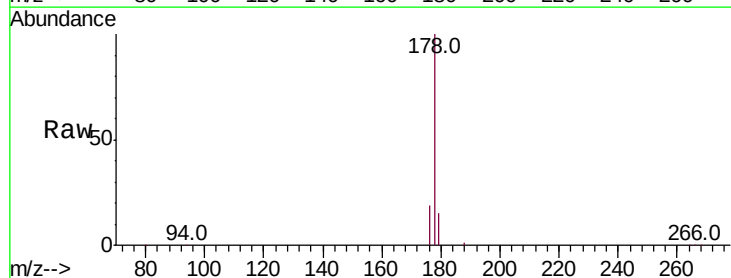
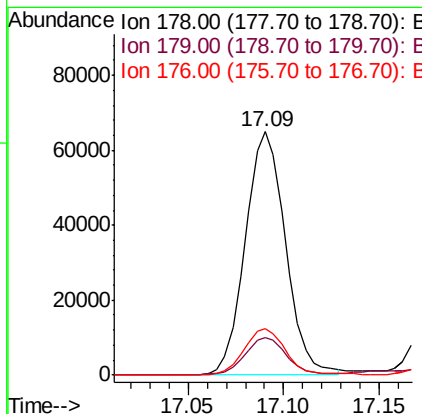
RT: 17.09 min Scan# 3678

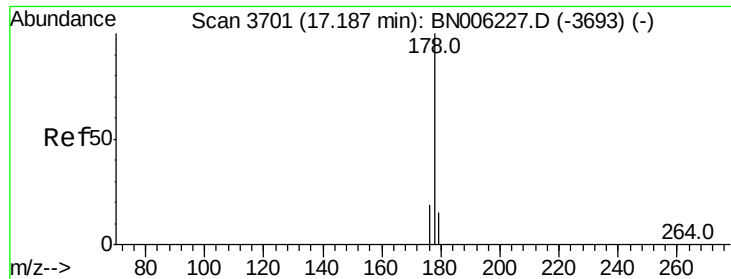
Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Tgt Ion:	178	Resp:	94591
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	19.3	15.3	22.9





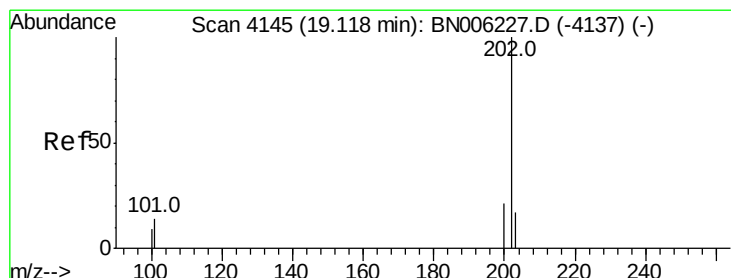
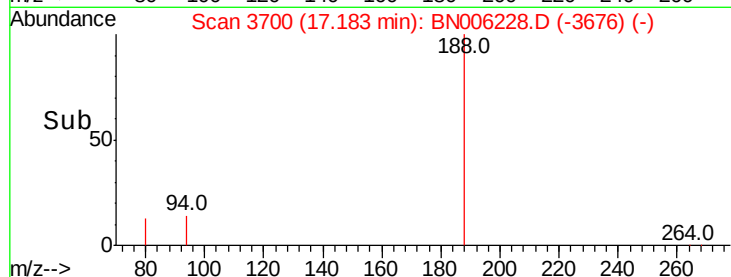
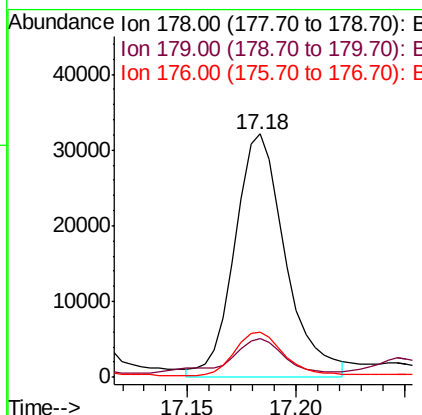
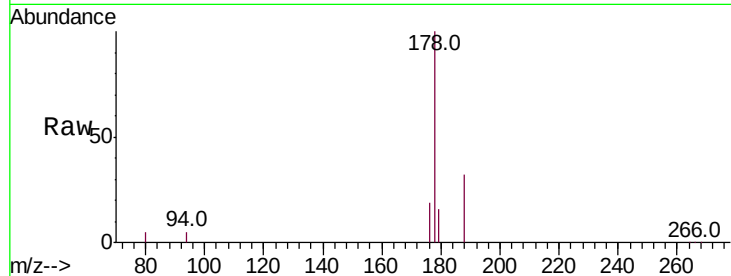
#13
 Anthracene
 Concen: 0.844 ng/ul m
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006228.D
 Acq: 10 Jun 2019 18:17

Instrument :
 BNA_N
 ClientSampleId :
 A51C2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.7	15.1	22.7

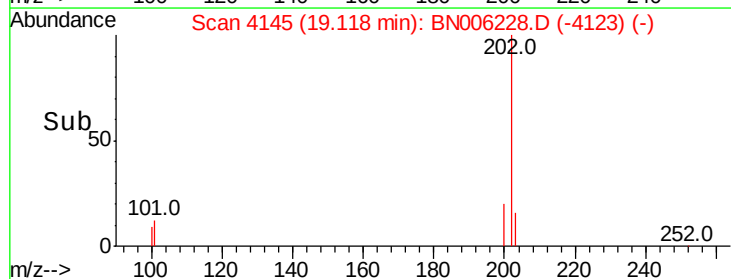
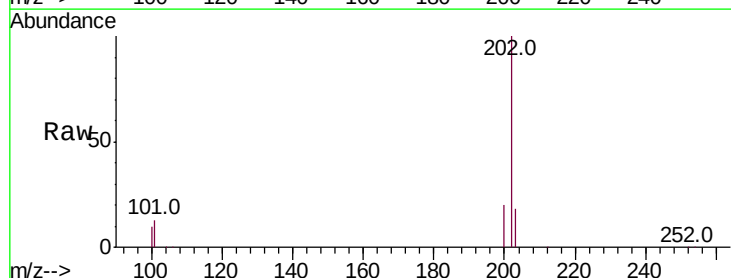
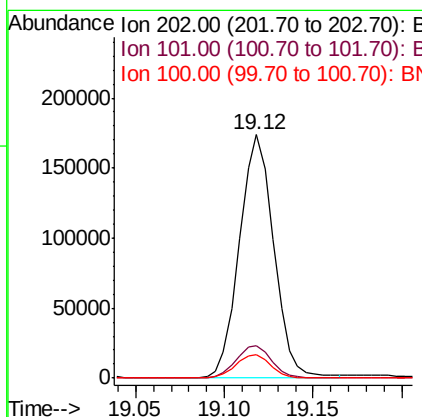
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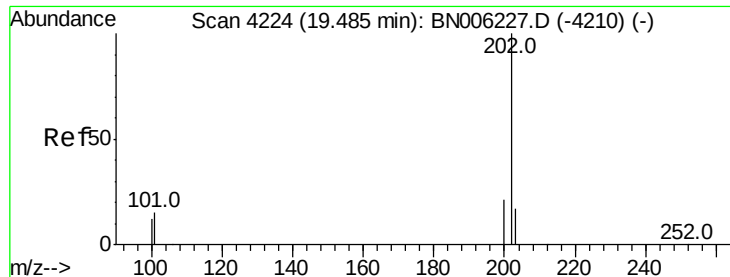
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#15
 Fluoranthene
 Concen: 3.241 ng/ul m
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN006228.D
 Acq: 10 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.1
100	9.5	0.0	28.7





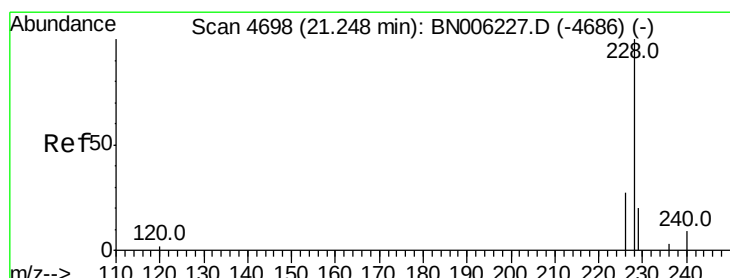
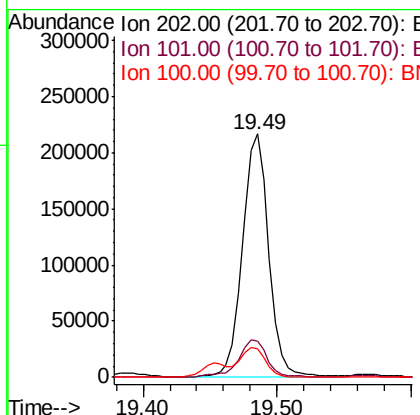
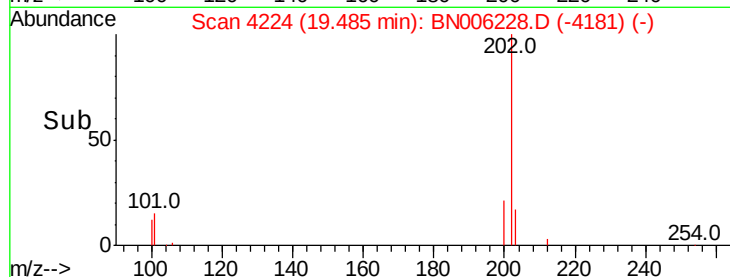
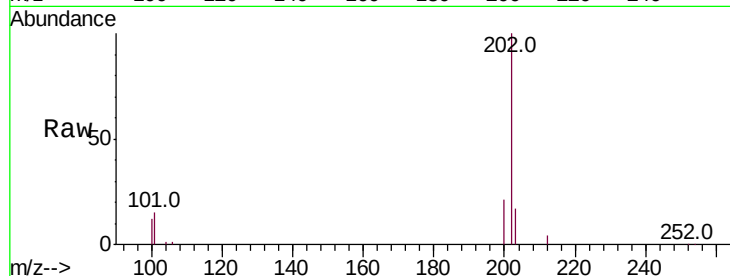
#17
 Pyrene
 Concen: 3.465 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN006228.D
 Acq: 10 Jun 2019 18:17

Instrument :
 BNA_N
 ClientSampleId :
 A51C2

Tot Ion:	202	Resp:	291797
Ion Ratio	Lower	Upper	
202	100		
101	15.0	12.2	18.2
100	11.8	9.8	14.6

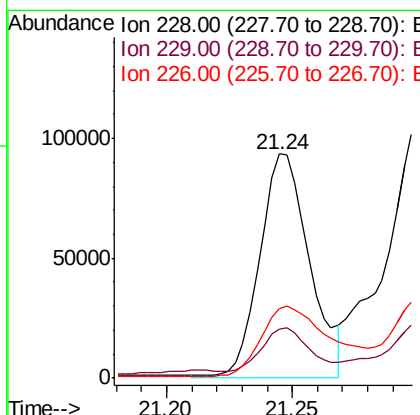
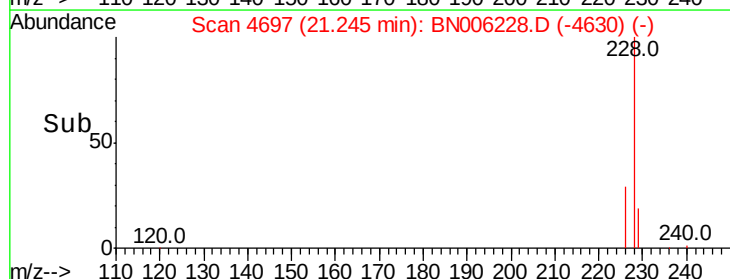
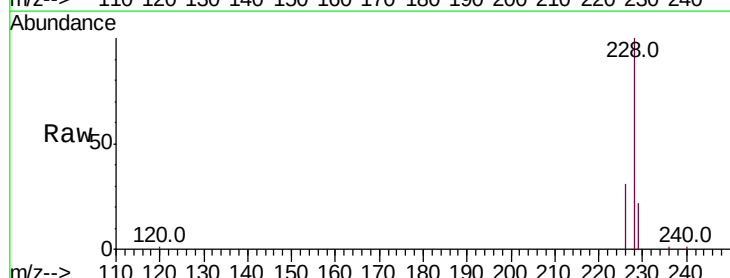
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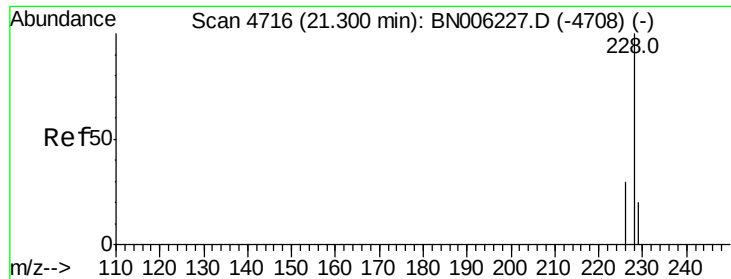
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#18
 Benzo(a)anthracene
 Concen: 1.828 ng/ul m
 RT: 21.24 min Scan# 4697
 Delta R.T. -0.00 min
 Lab File: BN006228.D
 Acq: 10 Jun 2019 18:17

Tgt Ion:	228	Resp:	129265
Ion Ratio	Lower	Upper	
228	100		
229	22.0	16.5	24.7
226	31.0	22.8	34.2





#19

Chrysene

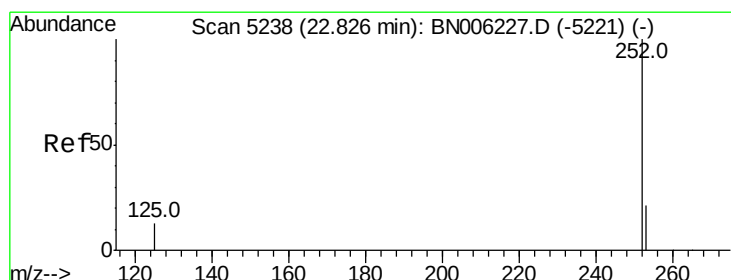
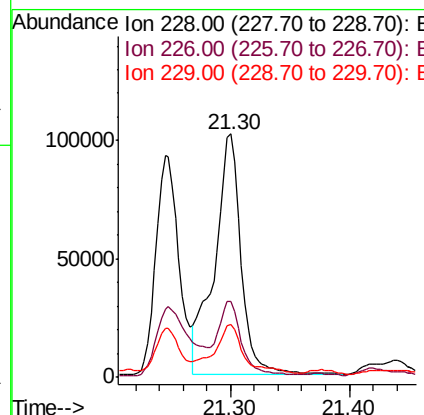
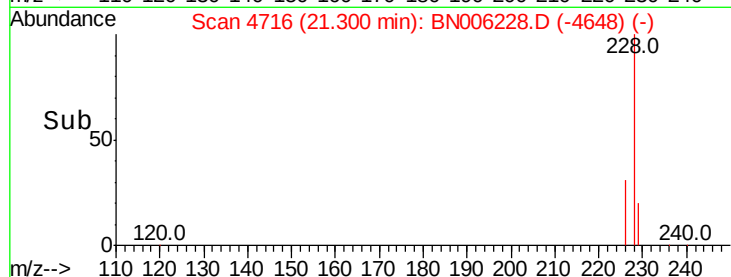
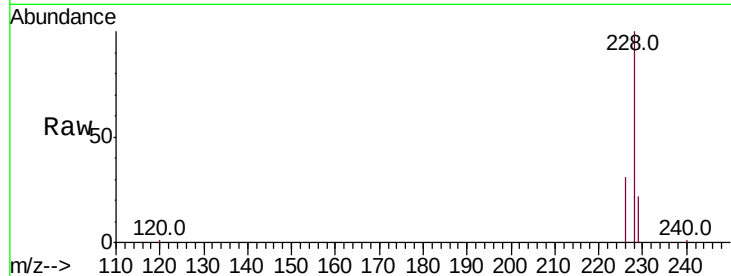
Concen: 2.404 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BN006228.D
Acq: 10 Jun 2019 18:17

Instrument :
BNA_N
ClientSampled :
A51C2

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.7	16.3	24.5

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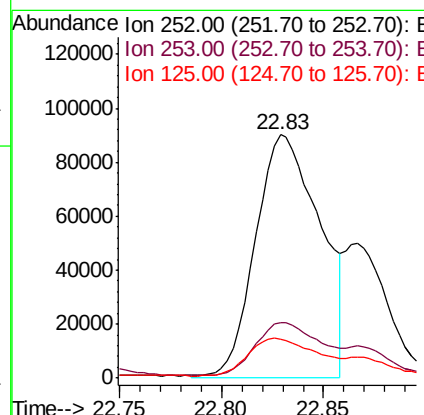
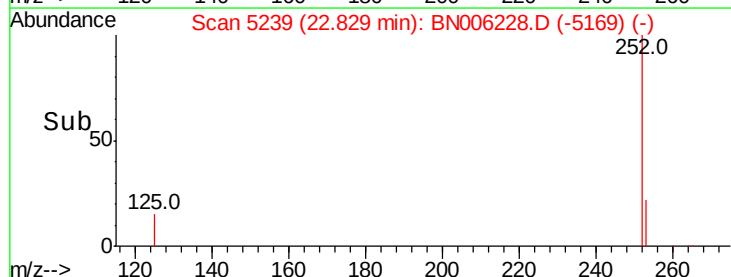
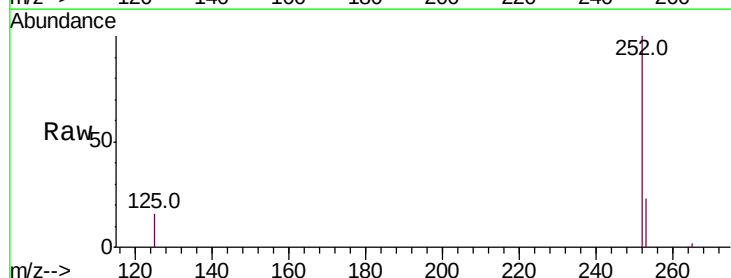


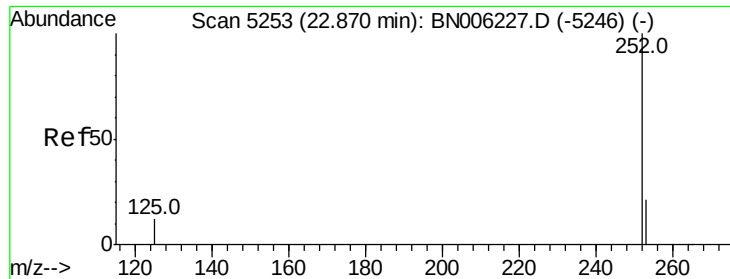
#21

Benzo(b)fluoranthene

Concen: 3.133 ng/ul m
RT: 22.83 min Scan# 5239
Delta R.T. 0.01 min
Lab File: BN006228.D
Acq: 10 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	51.4
125	16.1	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 1.265 ng/ul m

RT: 22.87 min Scan# 5252

Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Instrument :

BNA_N

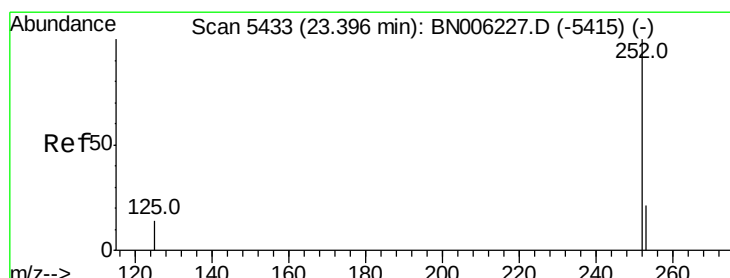
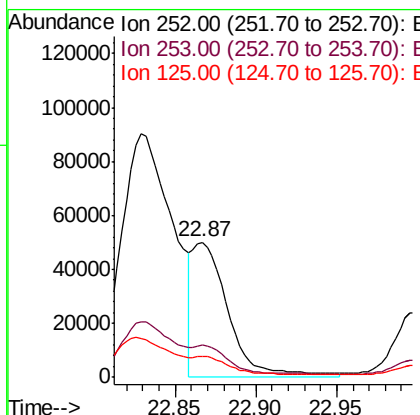
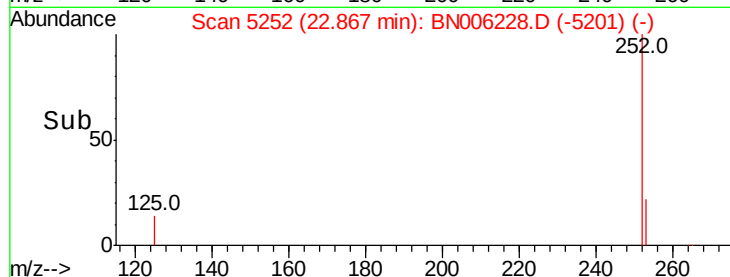
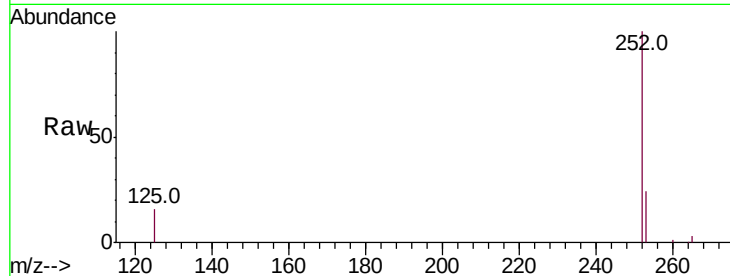
ClientSampled :

A51C2

Tot Ion:	252	Resp:	78662
Ion Ratio	Lower	Upper	
252	100		
253	23.7	20.3	30.5
125	15.6	14.3	21.5

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#23

Benzo(a)pyrene

Concen: 2.373 ng/ul

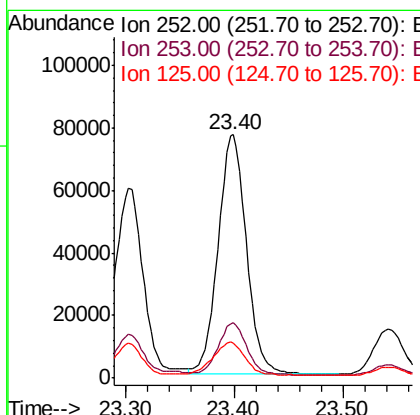
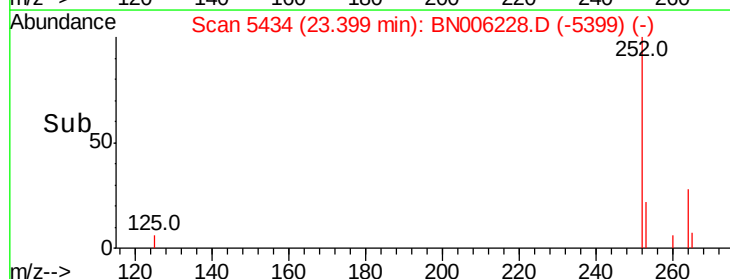
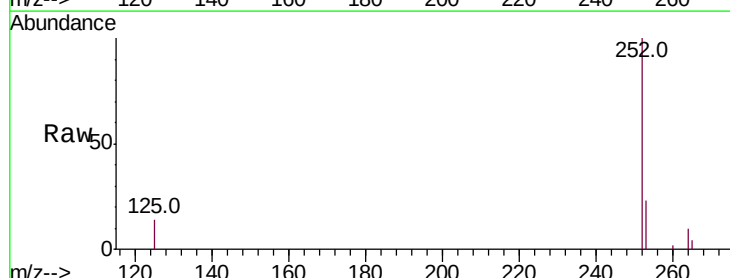
RT: 23.40 min Scan# 5434

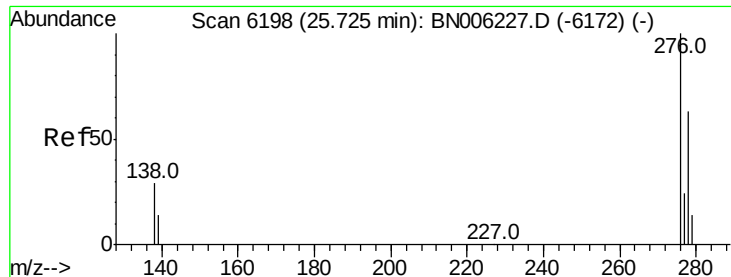
Delta R.T. 0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Tgt Ion:	252	Resp:	141081
Ion Ratio	Lower	Upper	
252	100		
253	22.7	21.1	31.7
125	14.4	20.3	30.5#





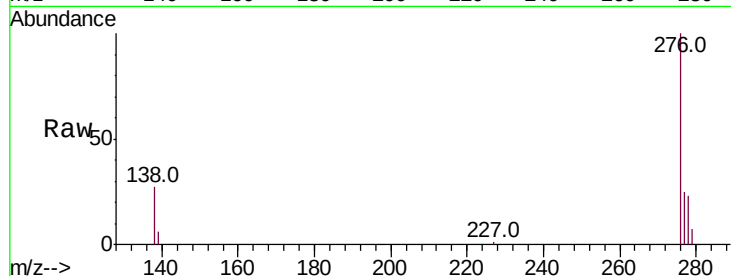
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.477 ng/ul
 RT: 25.73 min Scan# 6198
 Delta R.T. -0.00 min
 Lab File: BN006228.D
 Acq: 10 Jun 2019 18:17

Instrument :
 BNA_N
 ClientSampleId :
 A51C2

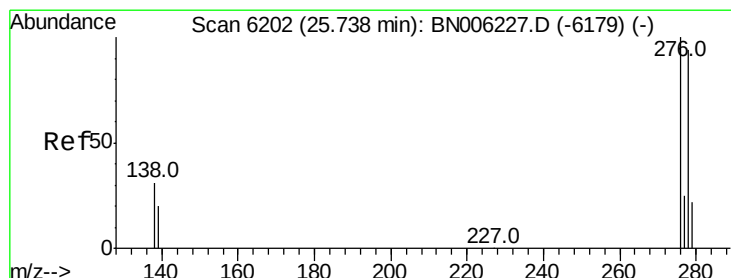
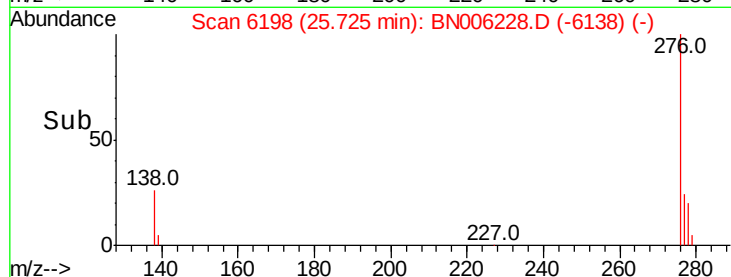
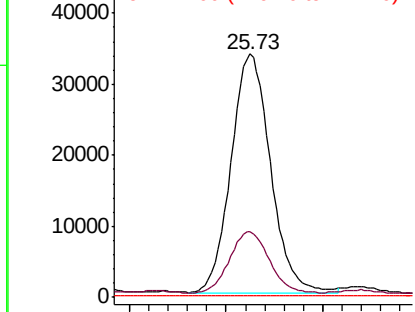
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.6	38.4
227	0.1	0.3	0.5#

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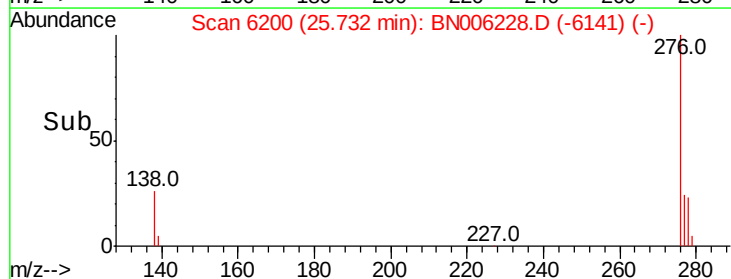
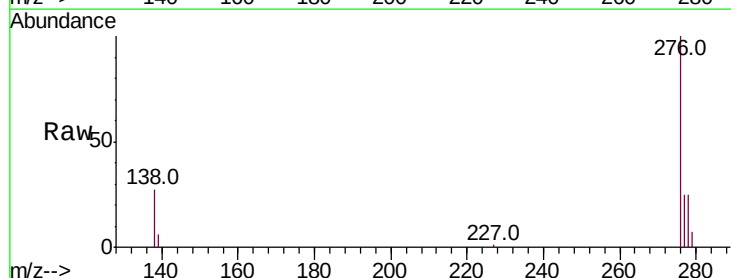
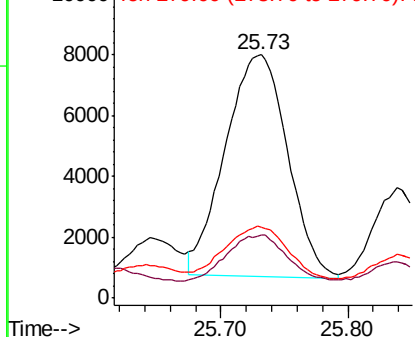
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

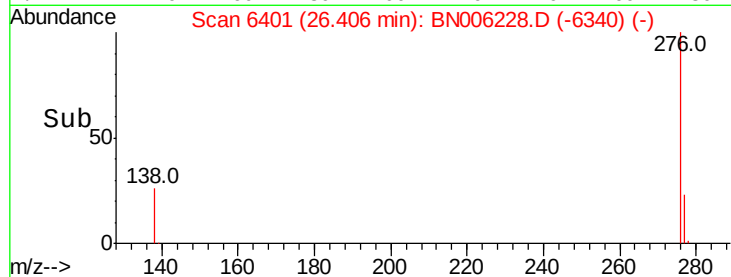
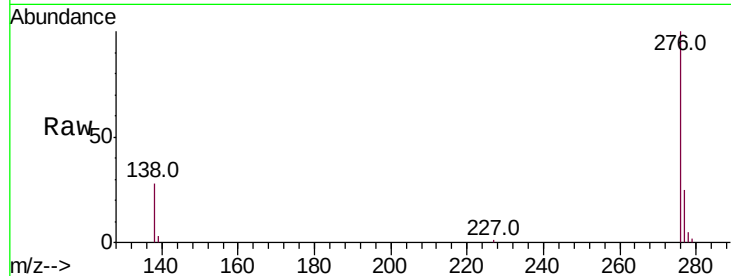
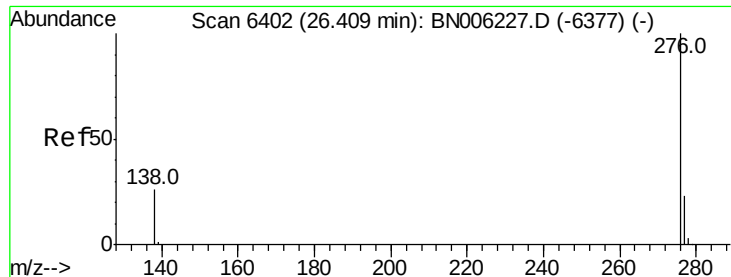


#25
 Dibenzo(a,h)anthracene
 Concen: 0.484 ng/ul
 RT: 25.73 min Scan# 6200
 Delta R.T. -0.00 min
 Lab File: BN006228.D
 Acq: 10 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.7	21.2	31.8
279	29.0	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: 1.029 ng/ul
RT: 26.41 min Scan# 6401
Delta R.T. 0.00 min
Lab File: BN006228.D
Acq: 10 Jun 2019 18:17

Tot Ion:	276	Resp:	55465
Ion Ratio	Lower	Upper	
276	100		
138	28.4	24.2	36.4
277	24.6	21.5	32.3

Instrument :
BNA_N
ClientSampleId :
A51C2

Manual Integrations
APPROVED

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