

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006165.D
 Acq On : 07 Jun 2019 14:06
 Operator : JU/SJ
 Sample : K3202-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

mohammad
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Quant Time: Jun 07 15:07:32 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	5058	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19073	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9821	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19761	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	15688	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	22488	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5295	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11326	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	73273	1.392	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	54211	1.478	ng/ul	100
7) Acenaphthylene	14.01	152	96285	1.764	ng/ul	99
8) Acenaphthene	14.36	153	104032	2.747	ng/ul	99
9) Fluorene	15.35	166	165084	3.726	ng/ul	98
12) Phenanthrene	17.09	178	1945804	30.675	ng/ul	99
13) Anthracene	17.19	178	539588	8.907	ng/ul	99
15) Fluoranthene	19.13	202	2106449	30.073	ng/ul	97
17) Pyrene	19.49	202	1633583	19.769	ng/ul	98
18) Benzo(a)anthracene	21.27	228	1041972	15.017	ng/ul	99
19) Chrysene	21.32	228	889091	13.649	ng/ul	97
21) Benzo(b)fluoranthene	22.86	252	981941m	10.472	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	461115m	5.049	ng/ul	
23) Benzo(a)pyrene	23.43	252	678070	7.764	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.76	276	405275	4.287	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.77	278	137474	1.819	ng/ul	95
26) Benzo(a,h,i)perylene	26.45	276	171647	2.168	ng/ul	95

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

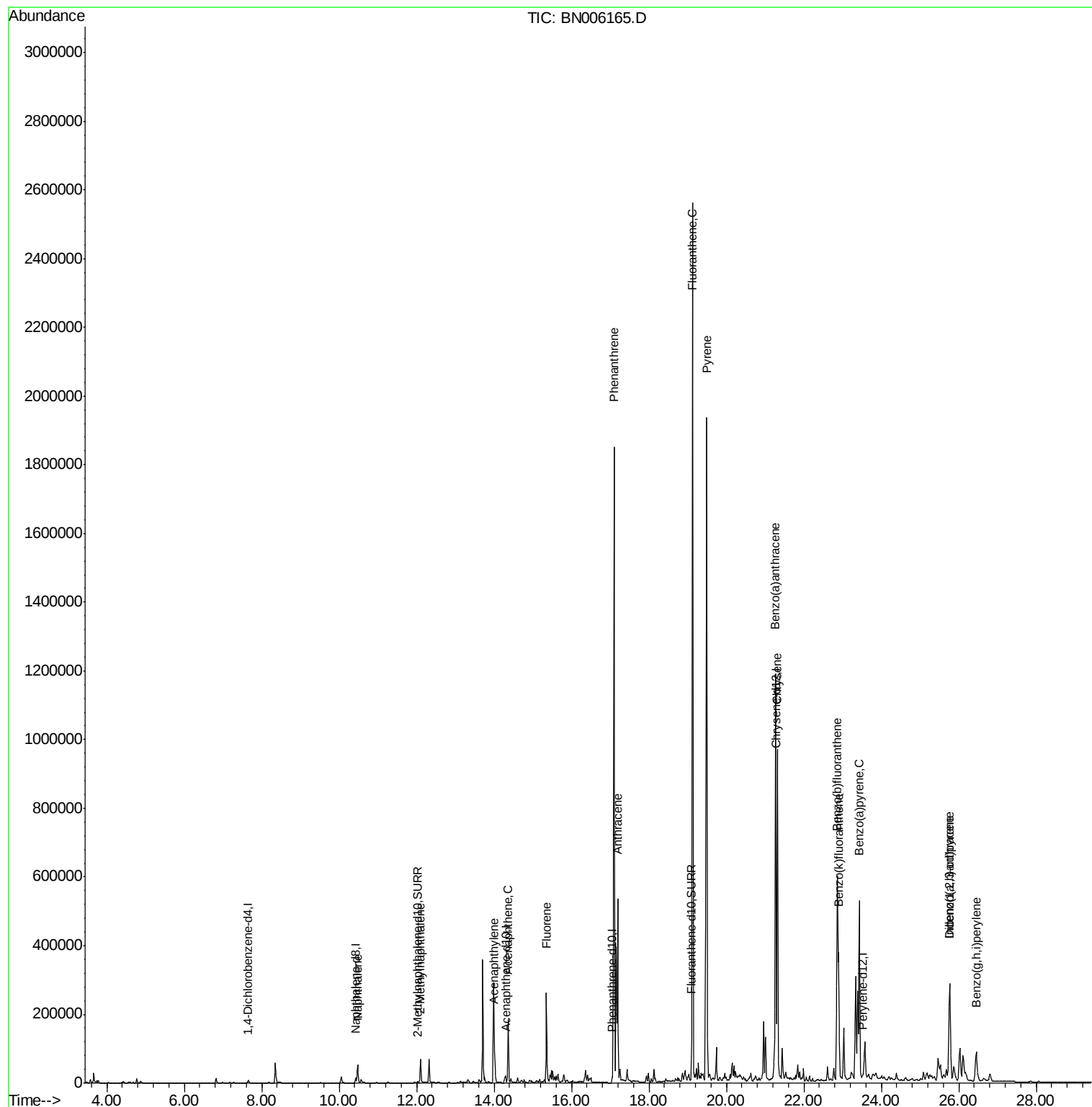
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
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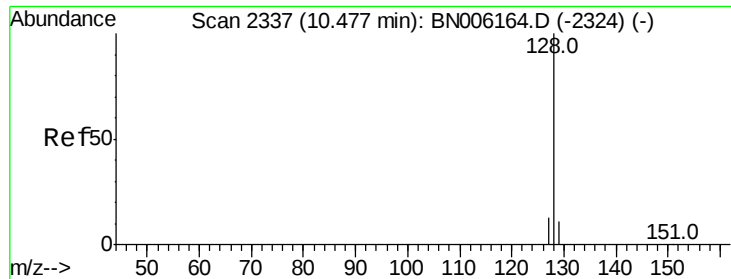
Instrument :
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#3

Naphthalene

Concen: 1.392 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006165.D

Acq: 07 Jun 2019 14:06

Instrument :

BNA_N

ClientSampled :

C0AD2

Tot Ion:128 Resp: 73273

Ion Ratio Lower Upper

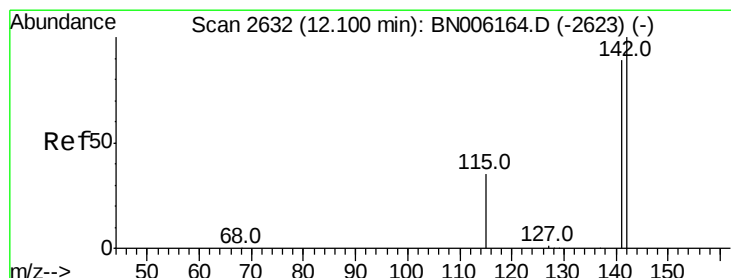
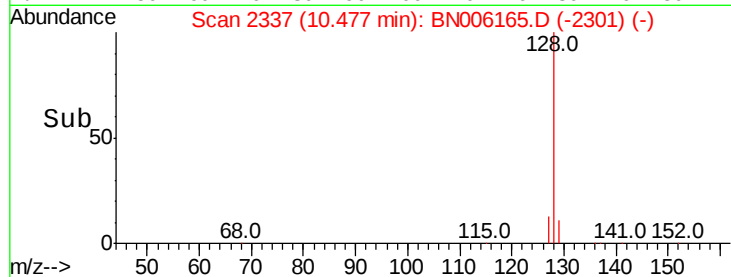
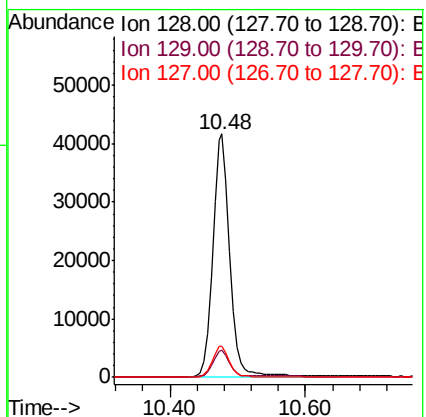
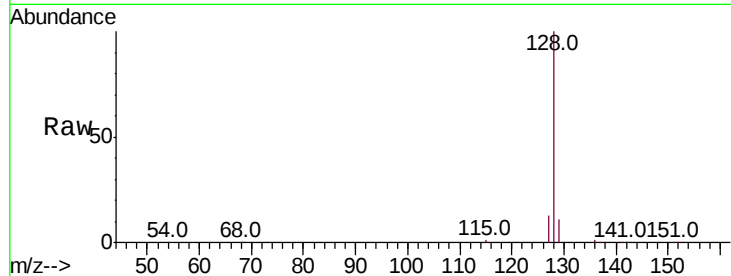
128 100

129 11.2 9.3 13.9

127 12.9 10.7 16.1

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#5

2-Methylnaphthalene

Concen: 1.478 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006165.D

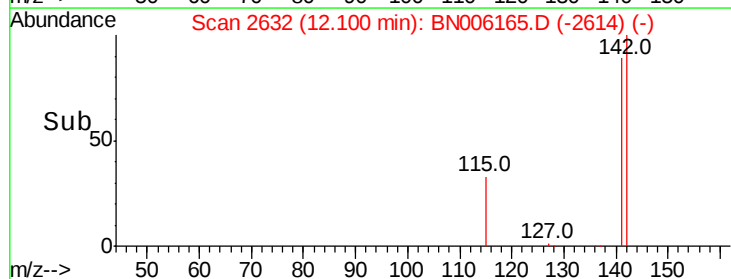
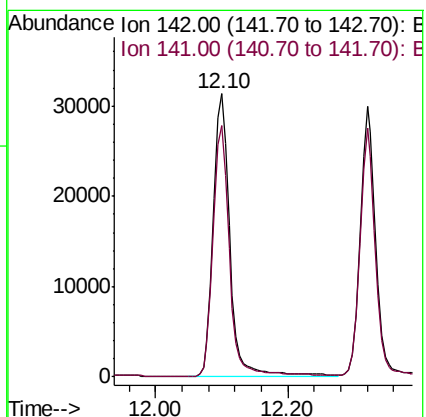
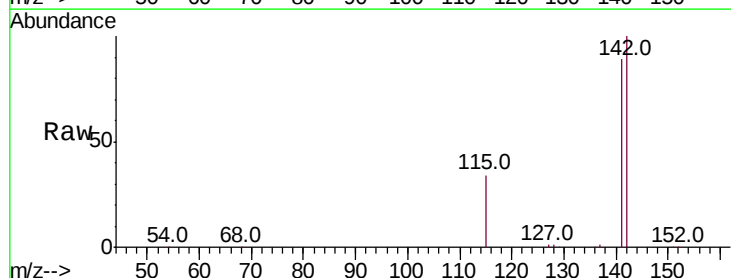
Acq: 07 Jun 2019 14:06

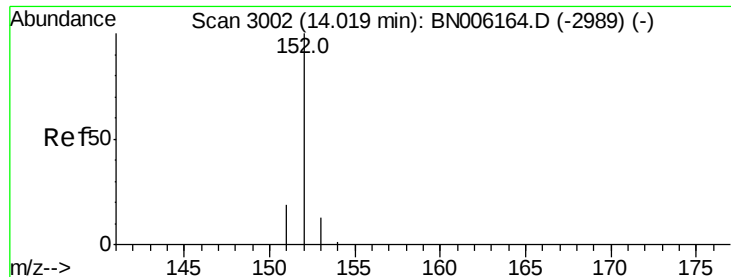
Tgt Ion:142 Resp: 54211

Ion Ratio Lower Upper

142 100

141 88.1 70.3 105.5





#7

Acenaphthylene

Concen: 1.764 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006165.D

Acq: 07 Jun 2019 14:06

Instrument :

BNA_N

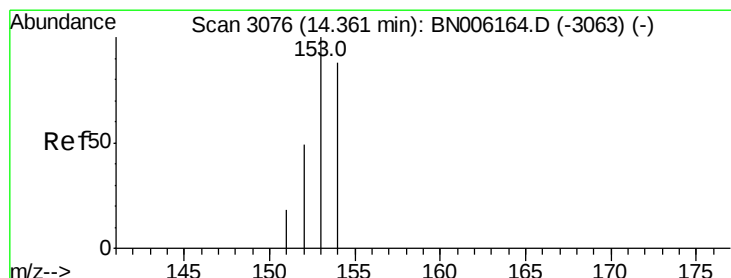
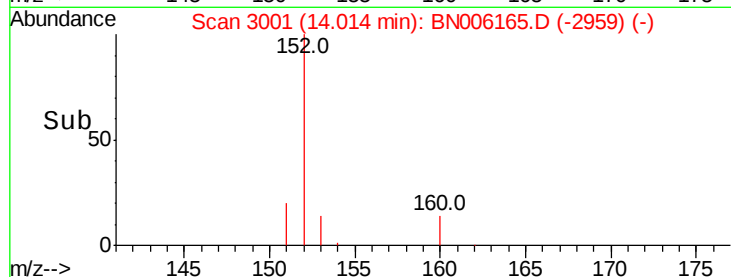
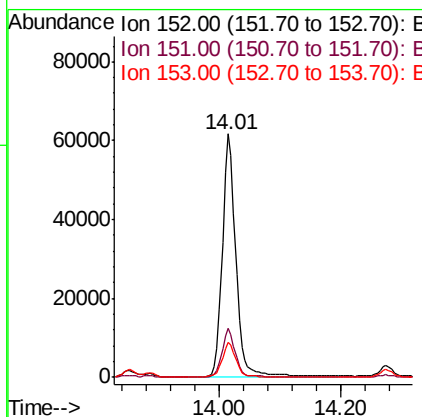
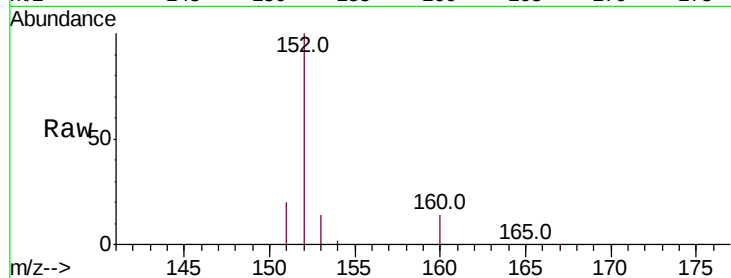
ClientSampleId :

C0AD2

Tot Ion:	152	Resp:	96285
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.8
153	14.3	10.8	16.2

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#8

Acenaphthene

Concen: 2.747 ng/ul

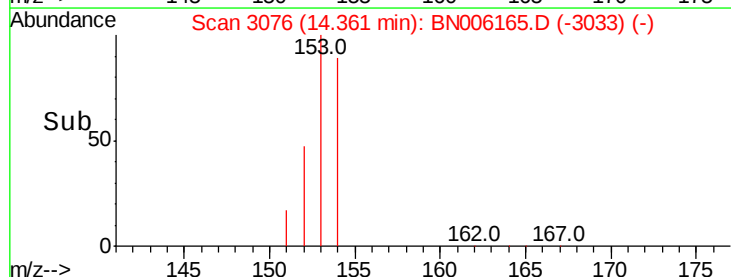
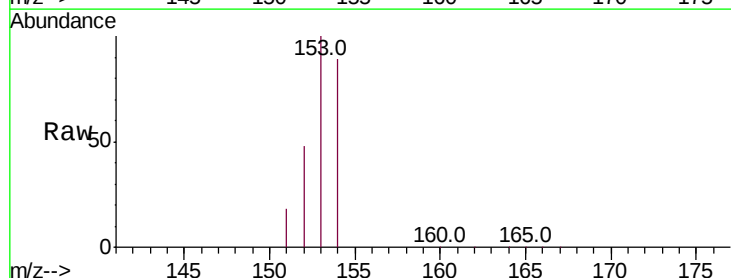
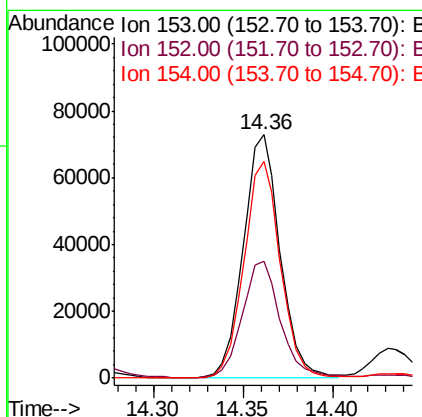
RT: 14.36 min Scan# 3076

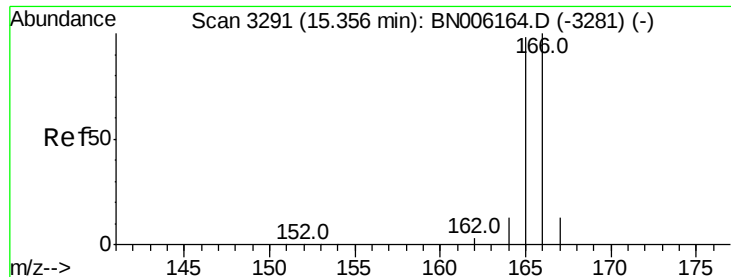
Delta R.T. -0.00 min

Lab File: BN006165.D

Acq: 07 Jun 2019 14:06

Tgt Ion:	153	Resp:	104032
Ion Ratio	Lower	Upper	
153	100		
152	47.8	39.1	58.7
154	89.1	71.1	106.7





#9

Fluorene

Concen: 3.726 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006165.D

Acq: 07 Jun 2019 14:06

Instrument :

BNA_N

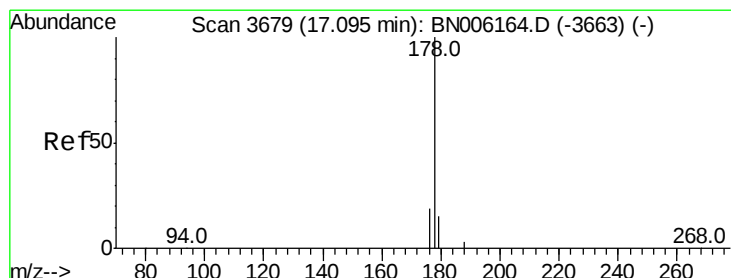
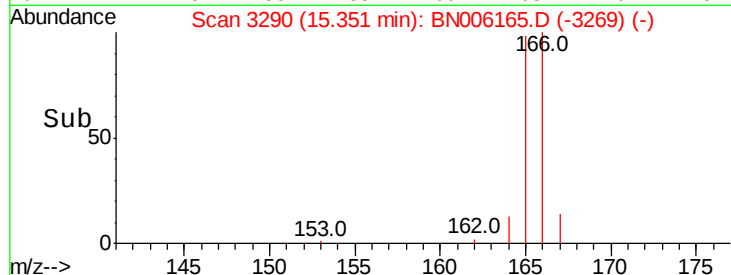
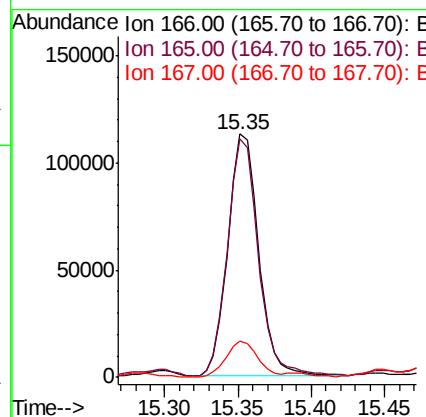
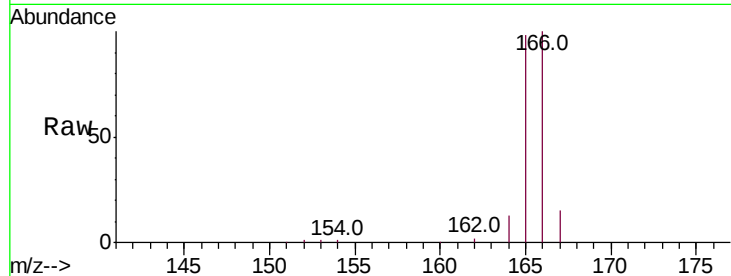
ClientSampleId :

C0AD2

Tot Ion:	166	Resp:	165084
Ion Ratio	Lower	Upper	
166	100		
165	97.7	76.4	114.6
167	14.8	11.0	16.6

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#12

Phenanthrene

Concen: 30.675 ng/ul

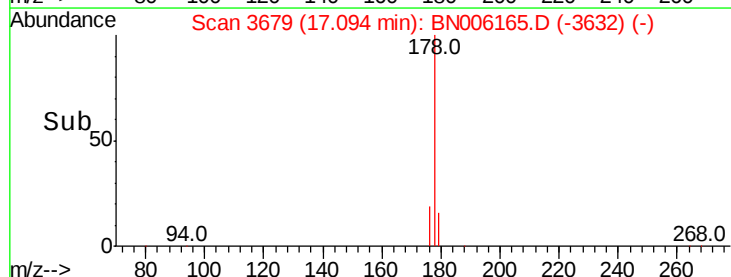
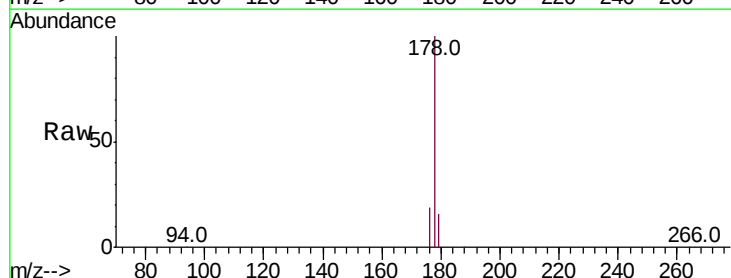
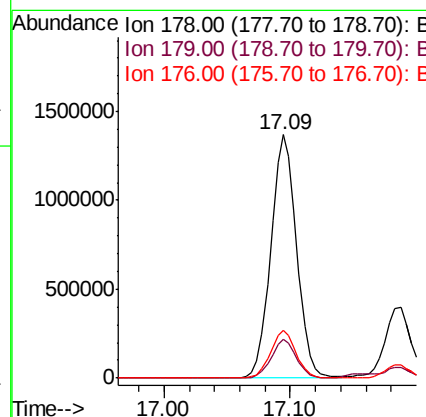
RT: 17.09 min Scan# 3679

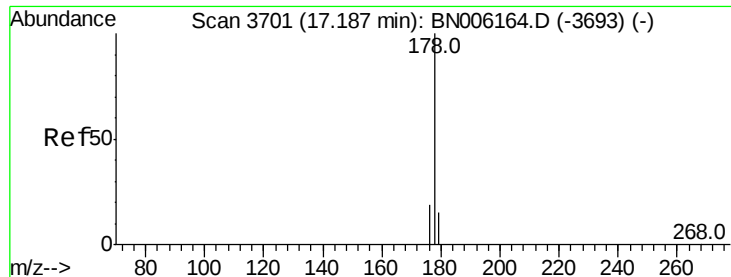
Delta R.T. -0.00 min

Lab File: BN006165.D

Acq: 07 Jun 2019 14:06

Tgt Ion:	178	Resp:	1945804
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	19.4	15.3	22.9





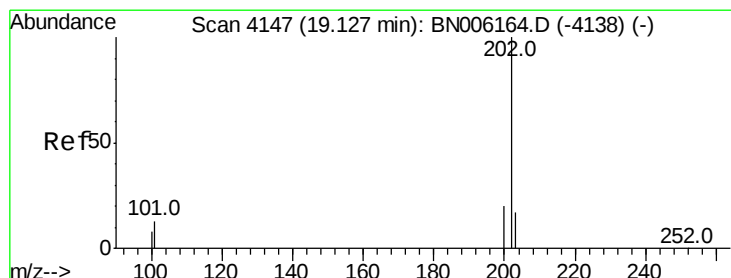
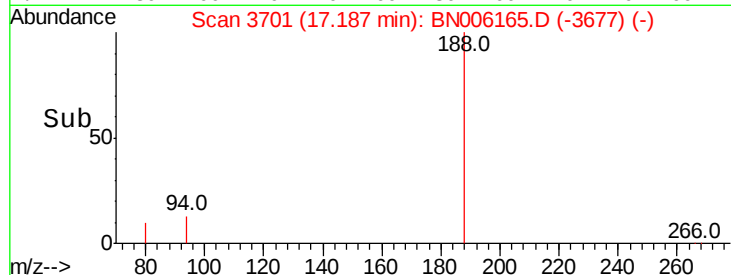
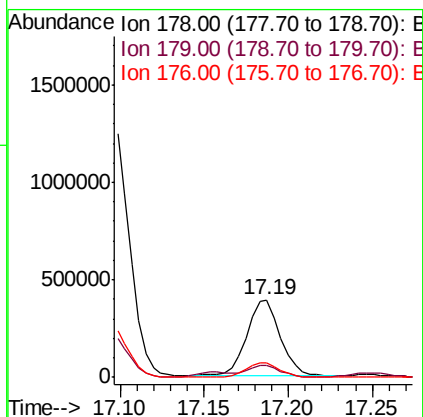
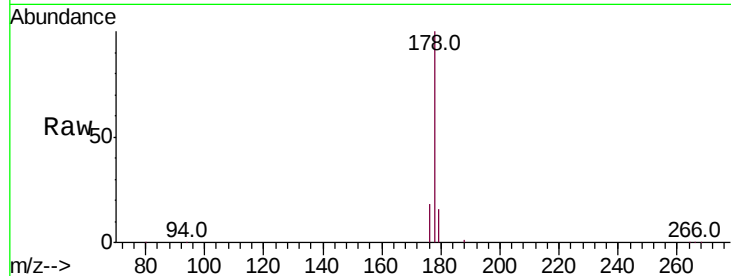
#13
 Anthracene
 Concen: 8.907 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BN006165.D
 Acq: 07 Jun 2019 14:06

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.0	15.1	22.7

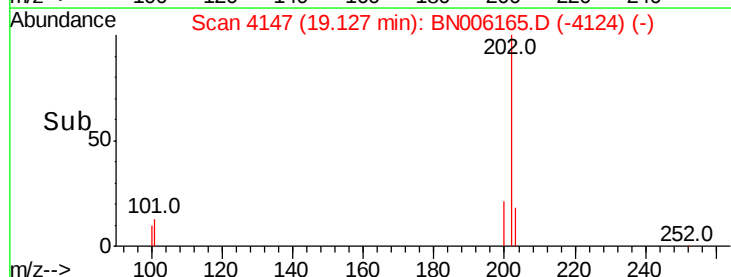
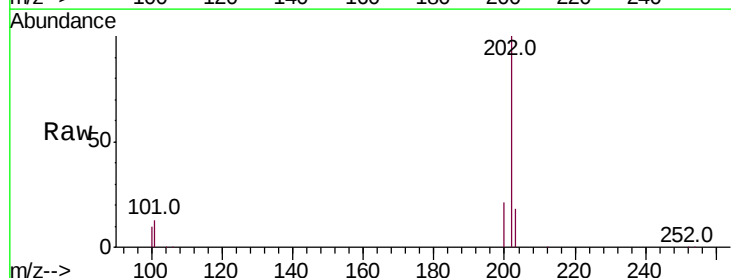
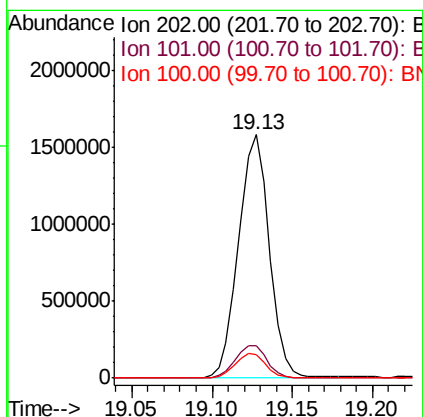
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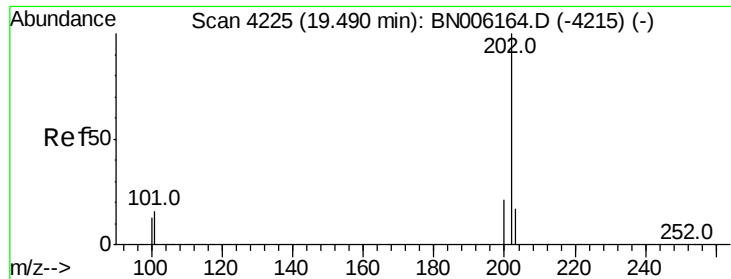
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#15
 Fluoranthene
 Concen: 30.073 ng/ul
 RT: 19.13 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: BN006165.D
 Acq: 07 Jun 2019 14:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.1
100	9.6	0.0	28.7





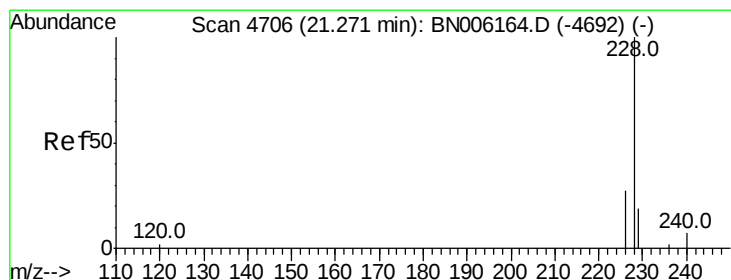
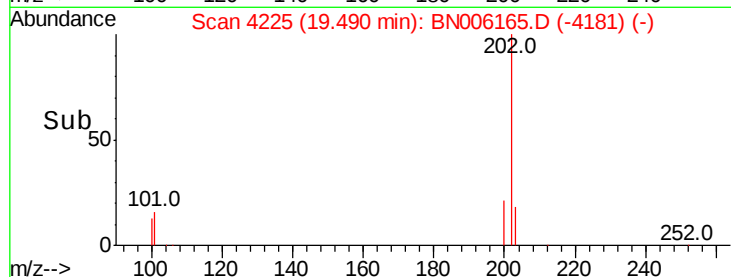
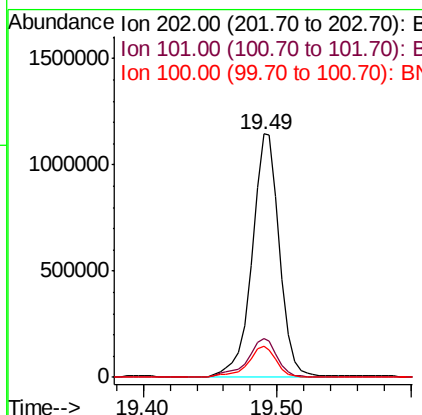
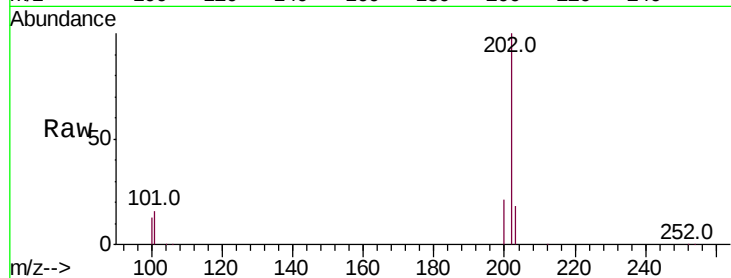
#17
Pvrene
Concen: 19.769 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006165.D
Acq: 07 Jun 2019 14:06

Instrument :
BNA_N
ClientSampleId :
C0AD2

Tot Ion:202 Resp: 1633583
Ion Ratio Lower Upper
202 100
101 16.2 12.2 18.2
100 12.8 9.8 14.6

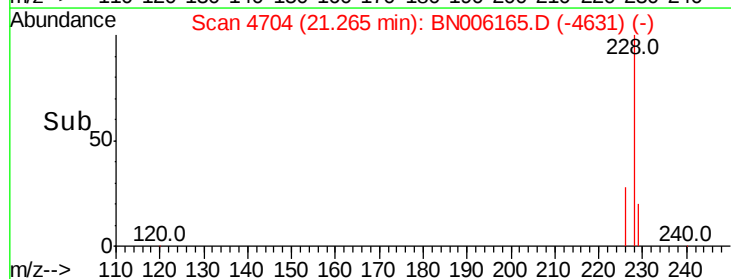
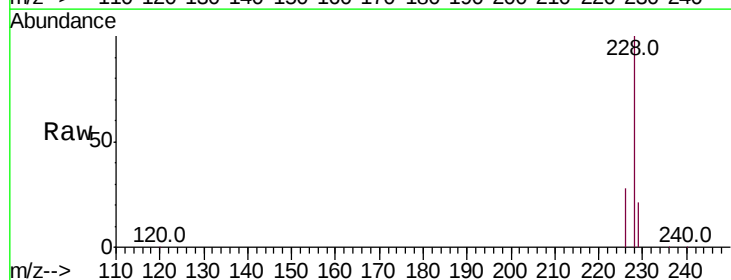
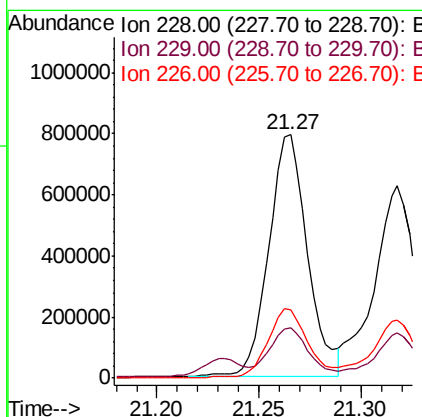
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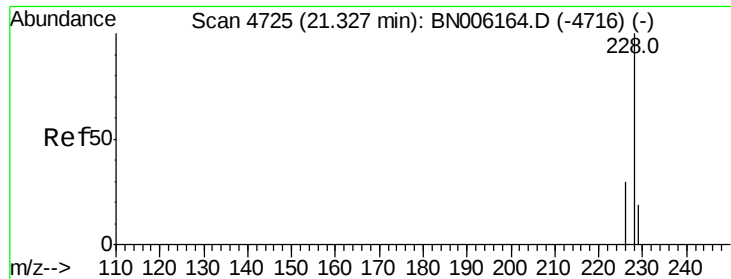
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#18
Benzo(a)anthracene
Concen: 15.017 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. 0.01 min
Lab File: BN006165.D
Acq: 07 Jun 2019 14:06

Tgt Ion:228 Resp: 1041972
Ion Ratio Lower Upper
228 100
229 20.9 16.5 24.7
226 28.0 22.8 34.2





#19

Chrysene

Concen: 13.649 ng/ul

RT: 21.32 min Scan# 4722

Delta R.T. 0.02 min

Lab File: BN006165.D

Acq: 07 Jun 2019 14:06

Instrument :

BNA_N

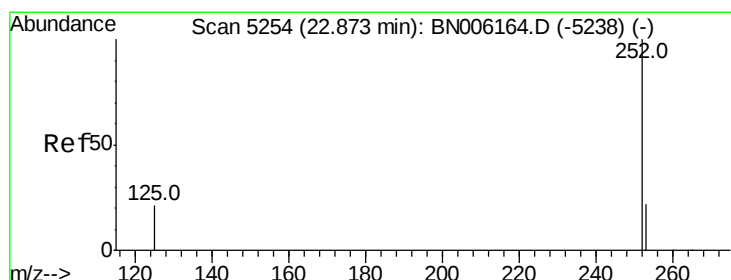
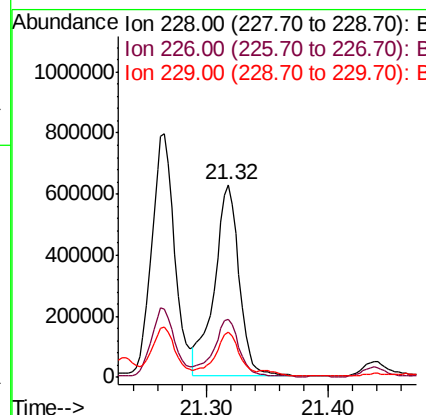
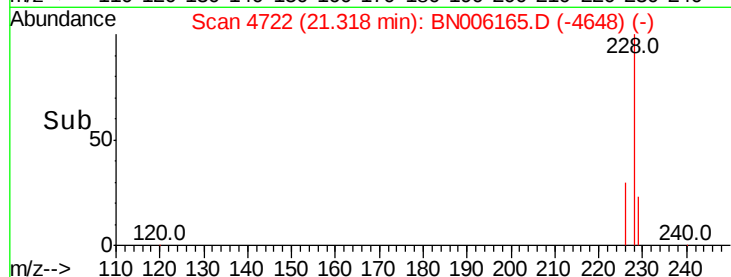
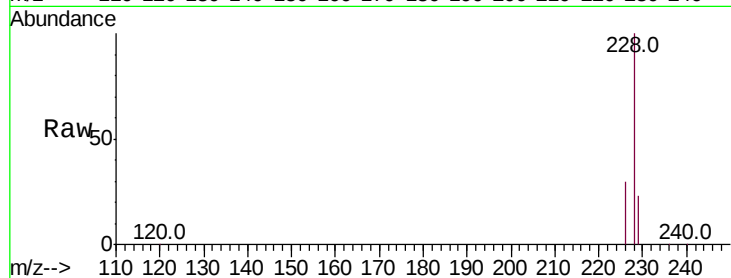
ClientSampled :

C0AD2

Tot Ion:	228	Resp:	889091
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	23.3	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 10.472 ng/ul m

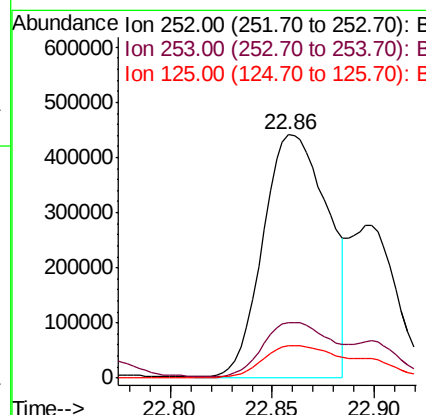
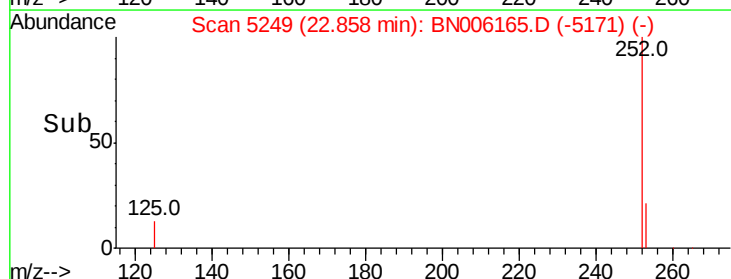
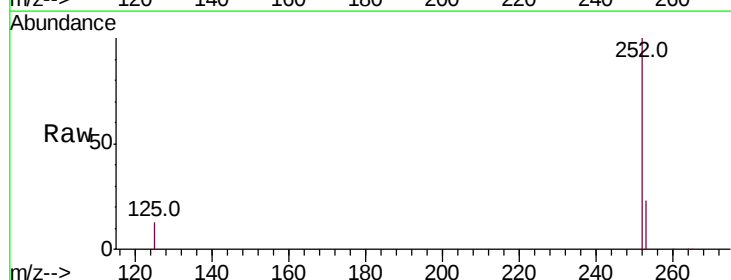
RT: 22.86 min Scan# 5249

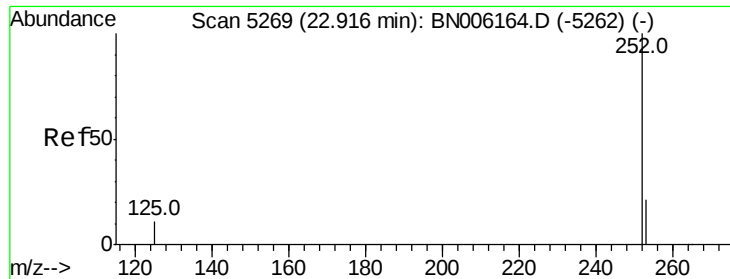
Delta R.T. 0.03 min

Lab File: BN006165.D

Acq: 07 Jun 2019 14:06

Tgt Ion:	252	Resp:	981941
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	51.4
125	13.2	0.0	41.0





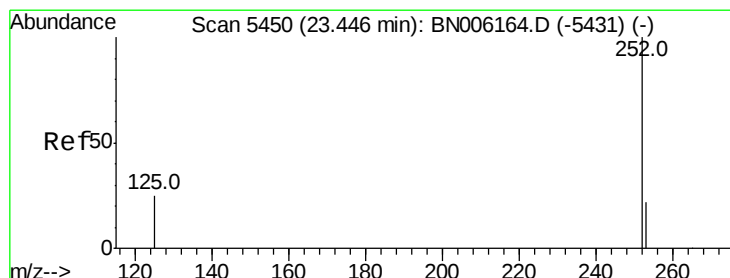
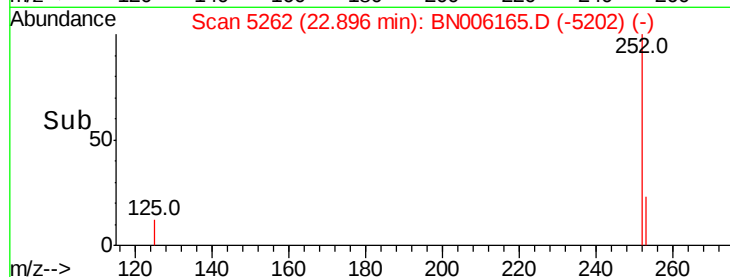
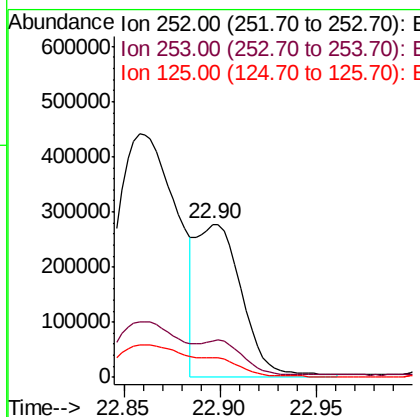
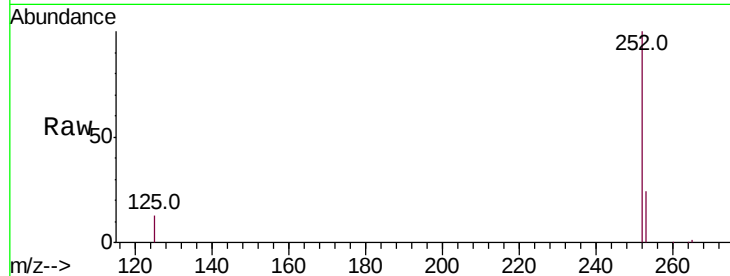
#22
Benzo(k)fluoranthene
Concen: 5.049 ng/ul m
RT: 22.90 min Scan# 5262
Delta R.T. 0.03 min
Lab File: BN006165.D
Acq: 07 Jun 2019 14:06

Instrument :
BNA_N
ClientSampled :
C0AD2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	12.8	14.3	21.5#

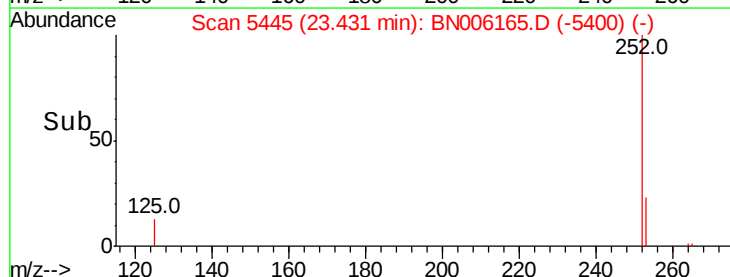
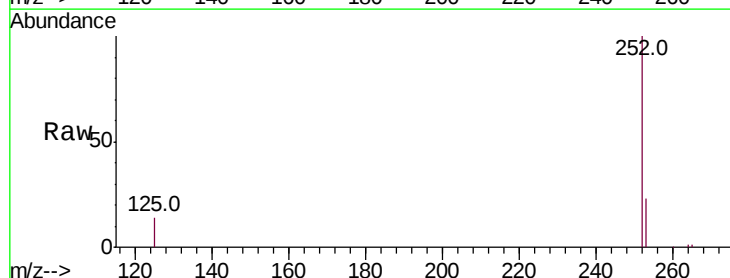
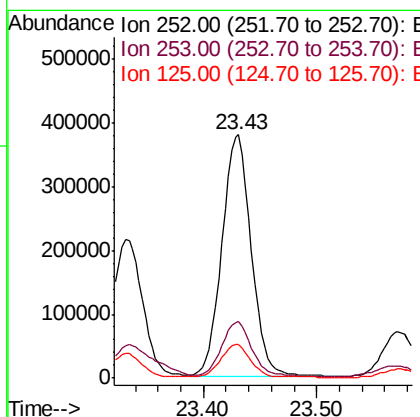
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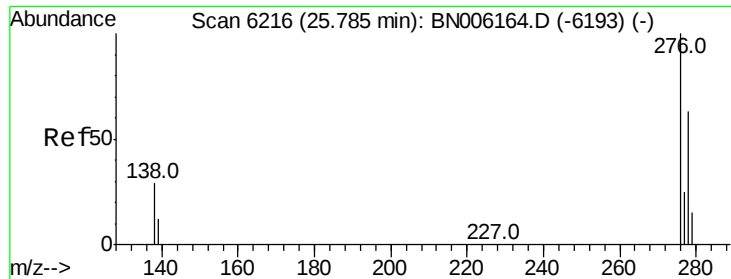
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#23
Benzo(a)pyrene
Concen: 7.764 ng/ul
RT: 23.43 min Scan# 5445
Delta R.T. 0.03 min
Lab File: BN006165.D
Acq: 07 Jun 2019 14:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.1	31.7
125	13.6	20.3	30.5#





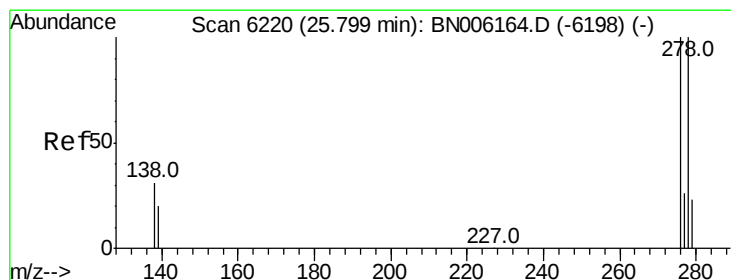
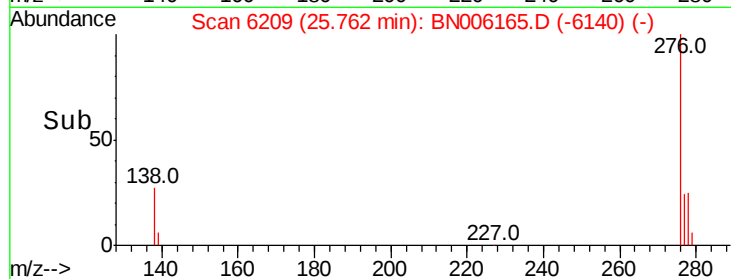
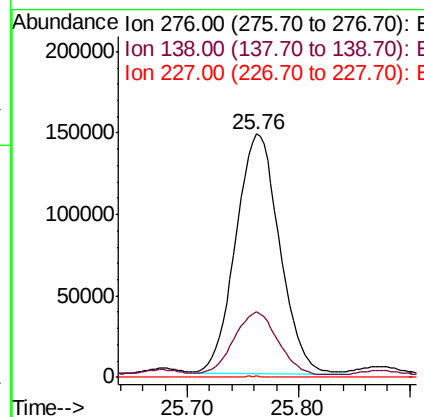
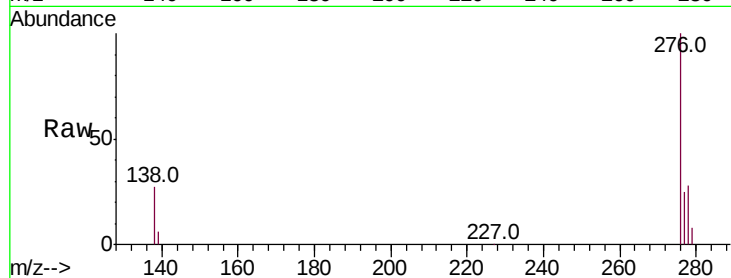
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 4.287 ng/ul
 RT: 25.76 min Scan# 6209
 Delta R.T. 0.03 min
 Lab File: BN006165.D
 Acq: 07 Jun 2019 14:06

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.6	38.4
227	0.2	0.3	0.5

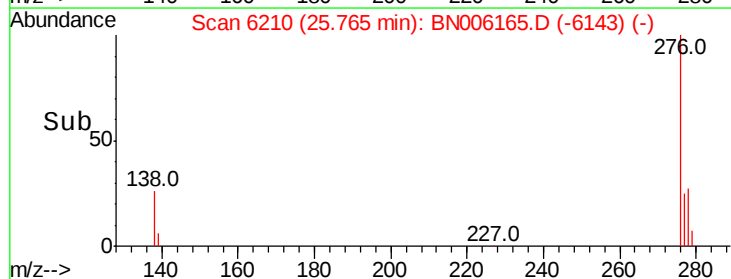
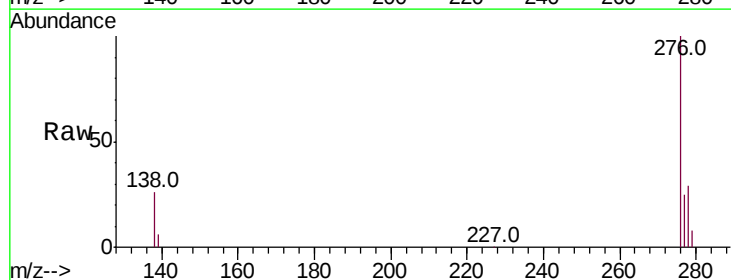
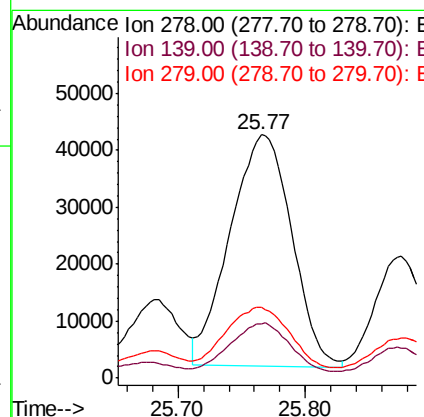
Manual Integrations
 APPROVED

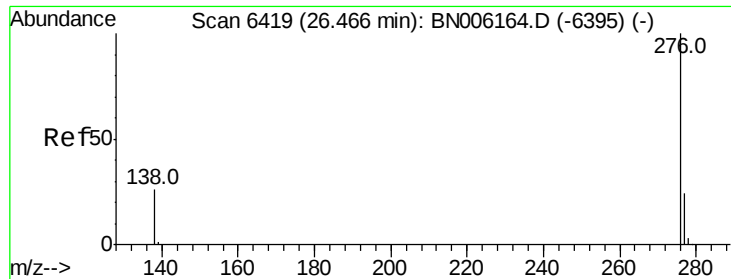
mohammad
 6/11/2019 5:08:21 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.819 ng/ul
 RT: 25.77 min Scan# 6210
 Delta R.T. 0.02 min
 Lab File: BN006165.D
 Acq: 07 Jun 2019 14:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	21.2	31.8
279	29.1	22.6	33.8





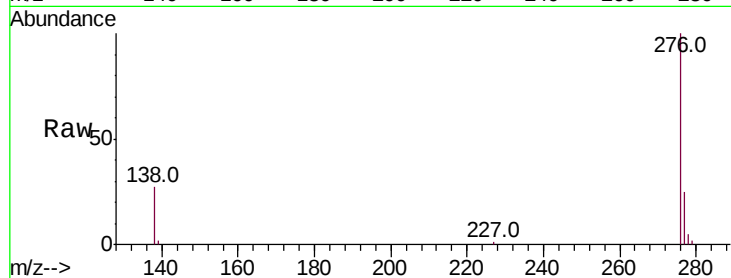
#26
 Benzo(a,h,i)perylene
 Concen: 2.168 ng/ul
 RT: 26.45 min Scan# 6414
 Delta R.T. 0.04 min
 Lab File: BN006165.D
 Acq: 07 Jun 2019 14:06

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	24.2	36.4
277	24.9	21.5	32.3

Manual Integrations
 APPROVED

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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

