

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008188.D
 Acq On : 16 Oct 2019 00:01
 Operator : JU
 Sample : K5175-14
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPG1

Manual Integrations
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mohammad
 10/16/2019 4:09:02 PM

Quant Time: Oct 16 05:07:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 15:13:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2245	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	10796	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	6899	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.00	188	15934m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16879m	0.40	ng/ul	-0.01
20) Perylene-d12	23.37	264	12508m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	5143	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	16847m	0.31	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	816	0.027	ng/ul#	76
5) 2-Methylnaphthalene	12.06	142	472	0.022	ng/ul	98
7) Acenaphthylene	13.96	152	2317	0.071	ng/ul#	92
8) Acenaphthene	14.31	153	630	0.025	ng/ul	96
9) Fluorene	15.30	166	678	0.023	ng/ul#	91
12) Phenanthrene	17.04	178	13849	0.297	ng/ul	100
13) Anthracene	17.13	178	2831m	0.069	ng/ul	
15) Fluoranthene	19.06	202	36194m	0.587	ng/ul	
17) Pyrene	19.42	202	32787m	0.488	ng/ul	
18) Benzo(a)anthracene	21.18	228	21757m	0.355	ng/ul	
19) Chrysene	21.23	228	21558	0.286	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	26008m	0.639	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	8588m	0.186	ng/ul	
23) Benzo(a)pyrene	23.28	252	17291	0.404	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.54	276	10049	0.199	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.55	278	2275	0.057	ng/ul#	62
26) Benzo(a,h,i)perylene	26.19	276	7175	0.155	ng/ul#	92

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

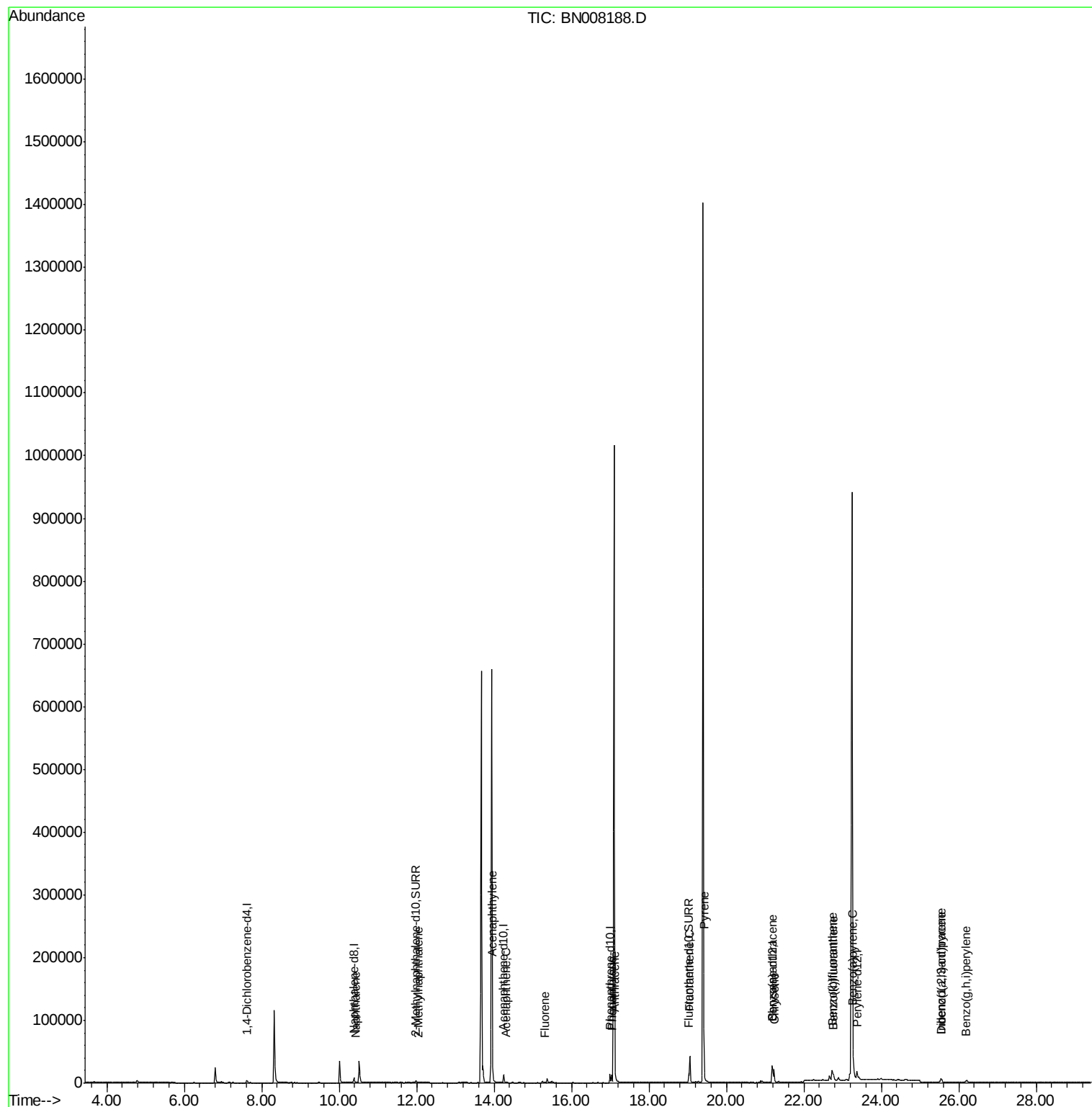
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008188.D
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ALS Vial : 55 Sample Multiplier: 1

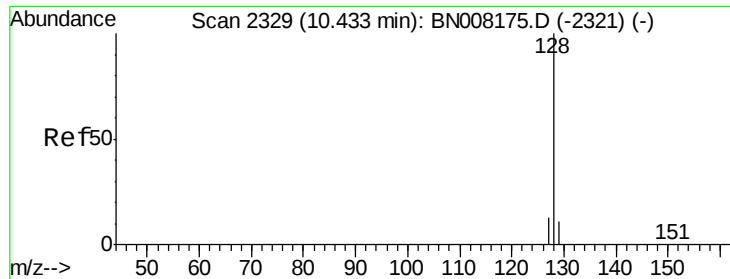
Instrument :
BNA_N
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BEPG1

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Quant Time: Oct 16 05:07:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.43 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN008188.D

Acq: 16 Oct 2019 00:01

Instrument :

BNA_N

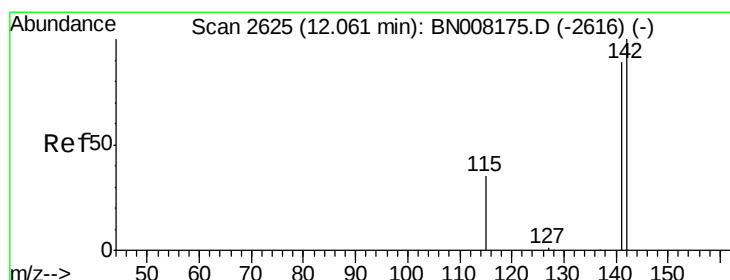
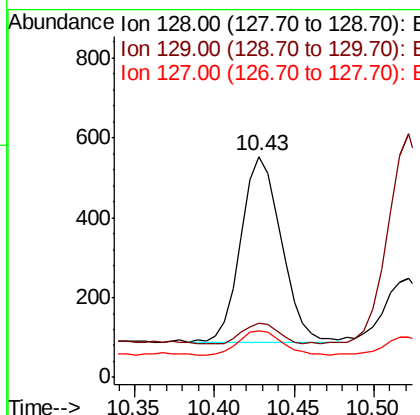
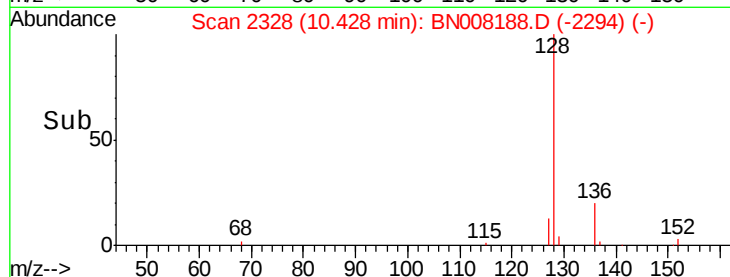
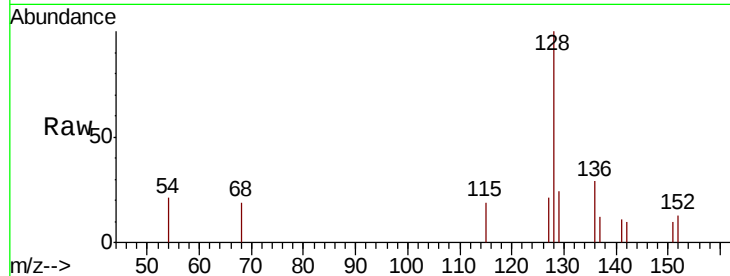
ClientSampleId :

BEPG1

Tot Ion:	128	Resp:	816
Ion Ratio	Lower	Upper	
128	100		
129	24.4	9.8	14.8#
127	21.2	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

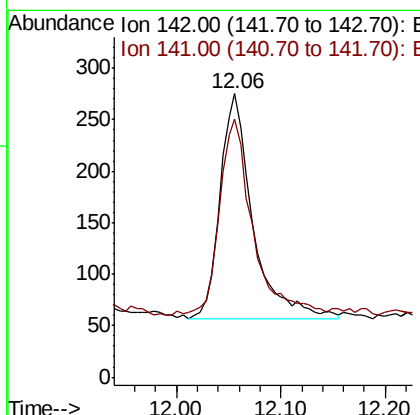
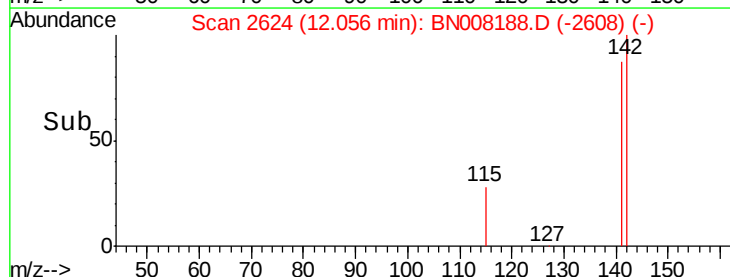
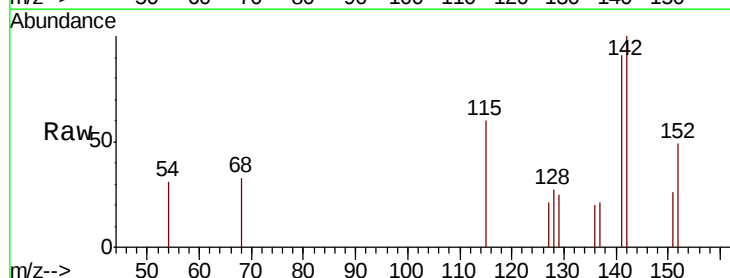
RT: 12.06 min Scan# 2624

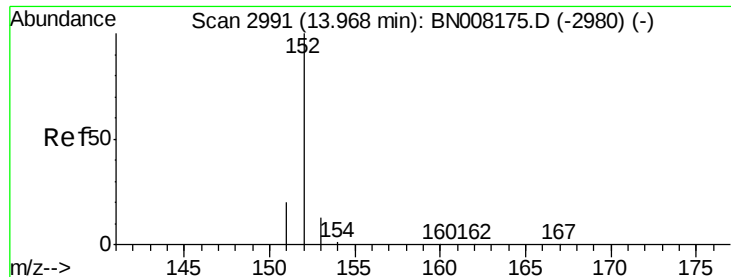
Delta R.T. -0.01 min

Lab File: BN008188.D

Acq: 16 Oct 2019 00:01

Tgt Ion:	142	Resp:	472
Ion Ratio	Lower	Upper	
142	100		
141	87.5	71.4	107.2





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BN008188.D

Acq: 16 Oct 2019 00:01

Instrument :

BNA_N

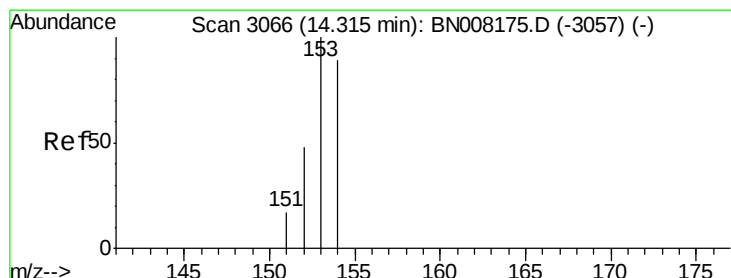
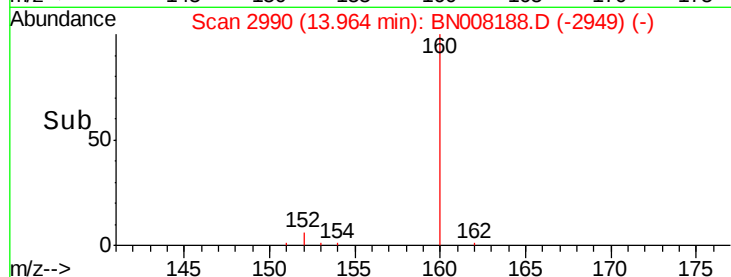
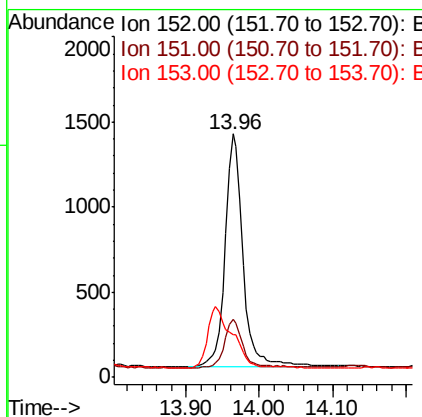
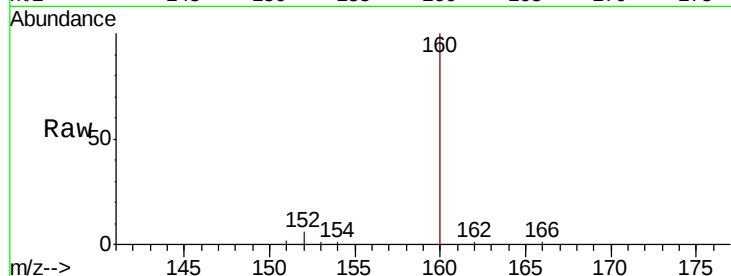
ClientSampleId :

BEPG1

Tot Ion:	152	Resp:	2317
Ion Ratio	Lower	Upper	
152	100		
151	23.7	16.2	24.4
153	17.7	11.0	16.4

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#8

Acenaphthene

Concen: 0.025 ng/ul

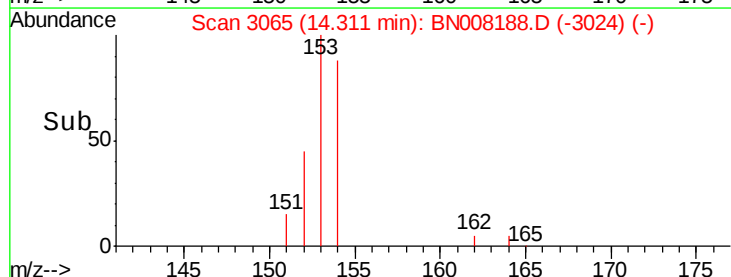
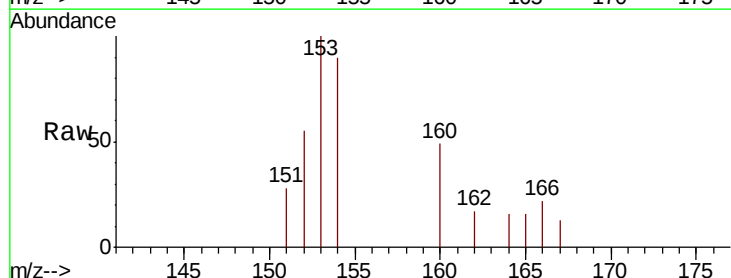
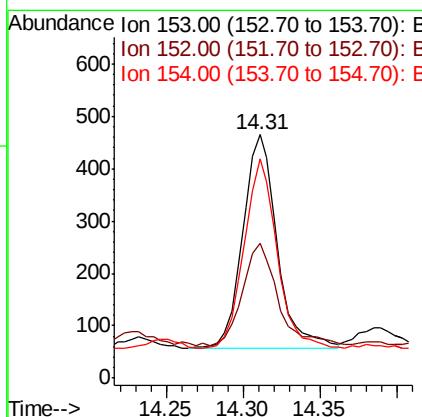
RT: 14.31 min Scan# 3065

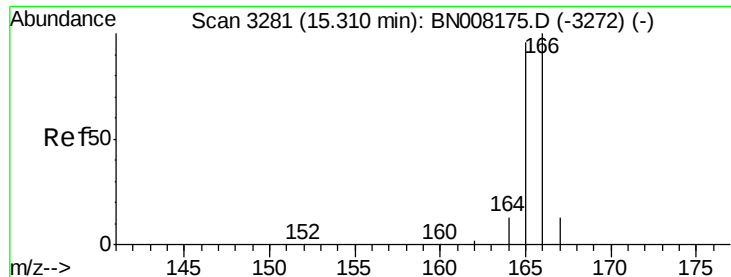
Delta R.T. -0.01 min

Lab File: BN008188.D

Acq: 16 Oct 2019 00:01

Tgt Ion:	153	Resp:	630
Ion Ratio	Lower	Upper	
153	100		
152	55.3	38.2	57.2
154	89.9	71.8	107.8





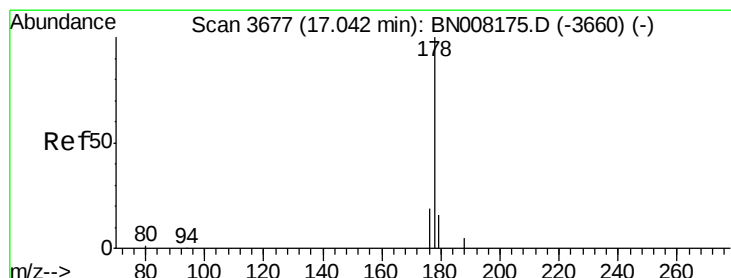
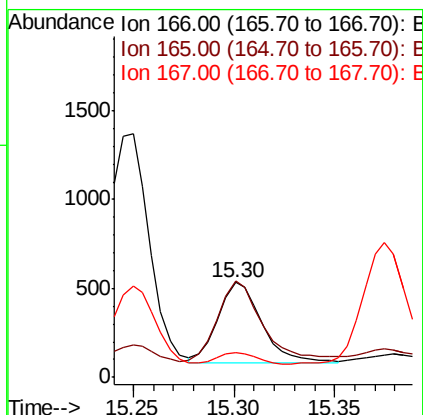
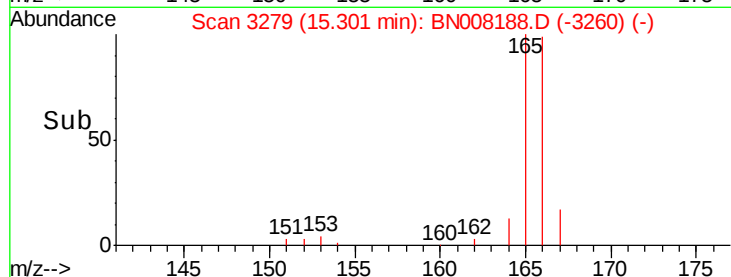
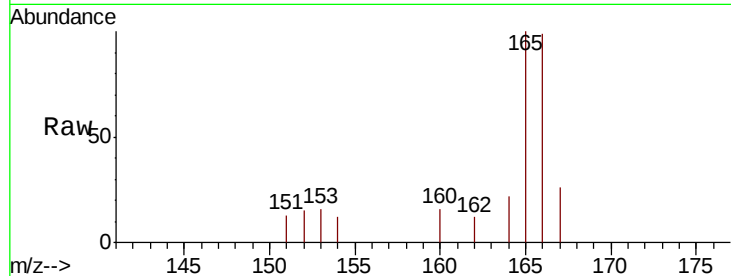
#9
Fluorene
Concen: 0.023 ng/ul
RT: 15.30 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BN008188.D
Acq: 16 Oct 2019 00:01

Instrument :
BNA_N
ClientSampleId :
BEPG1

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.3	76.6	115.0
167	26.3	11.7	17.5

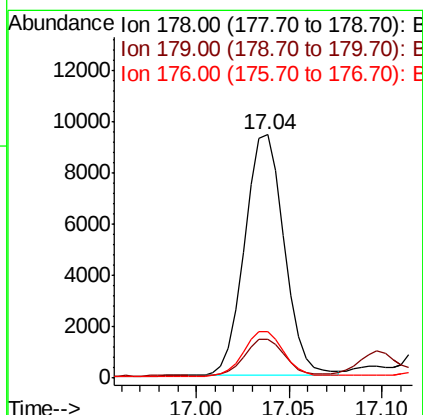
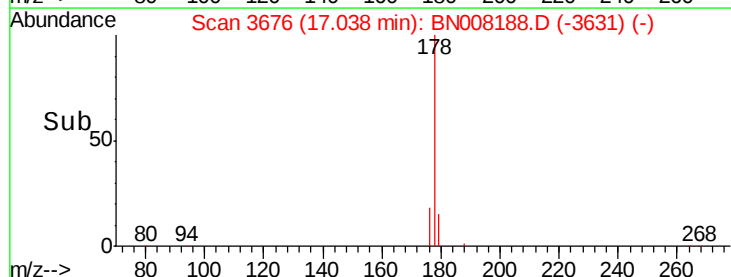
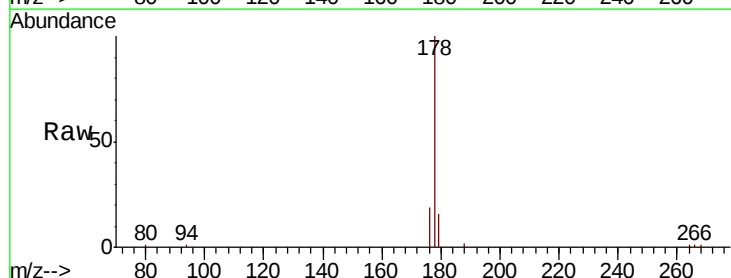
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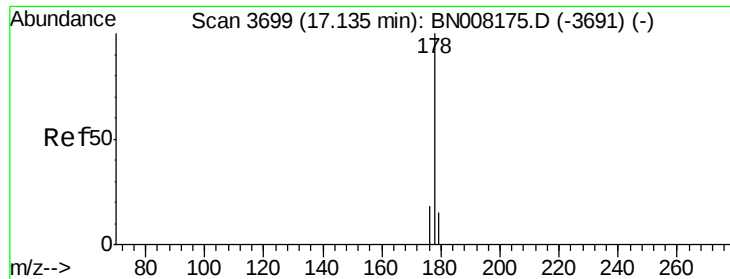
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#12
Phenanthrene
Concen: 0.297 ng/ul
RT: 17.04 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BN008188.D
Acq: 16 Oct 2019 00:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.0	15.4	23.2





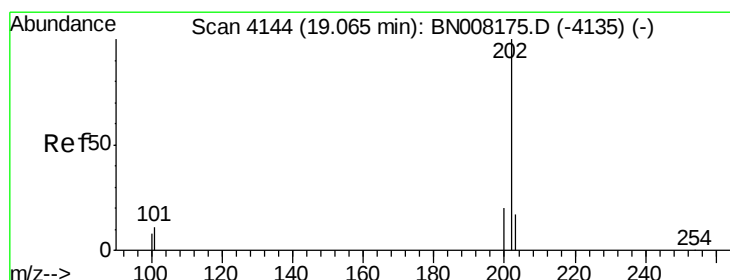
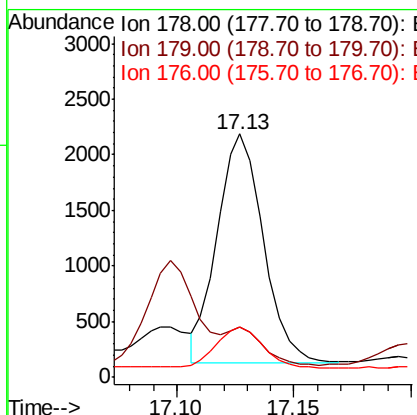
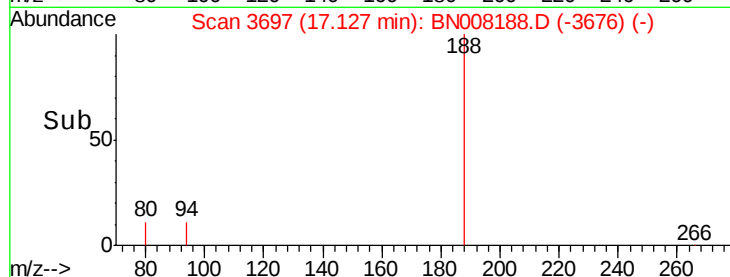
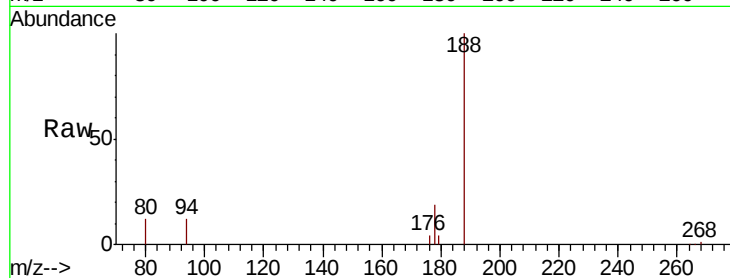
#13
 Anthracene
 Concen: 0.069 ng/ul m
 RT: 17.13 min Scan# 3697
 Delta R.T. -0.01 min
 Lab File: BN008188.D
 Acq: 16 Oct 2019 00:01

Instrument :
 BNA_N
 ClientSampled :
 BEPG1

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.4	13.0	19.6#
176	20.7	15.0	22.6

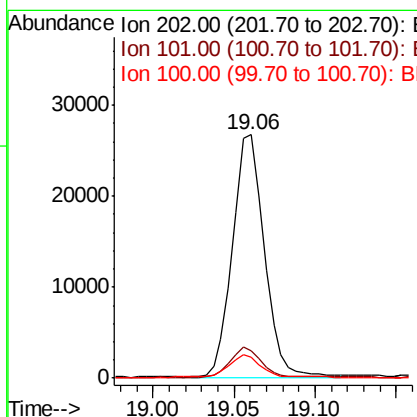
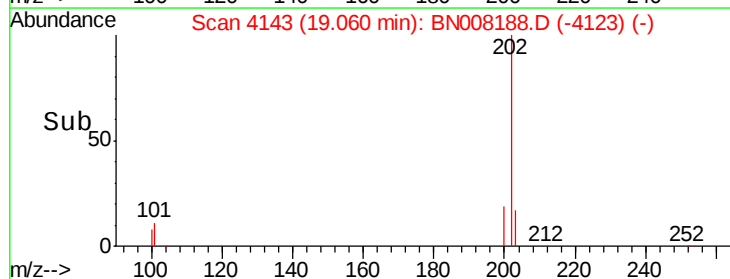
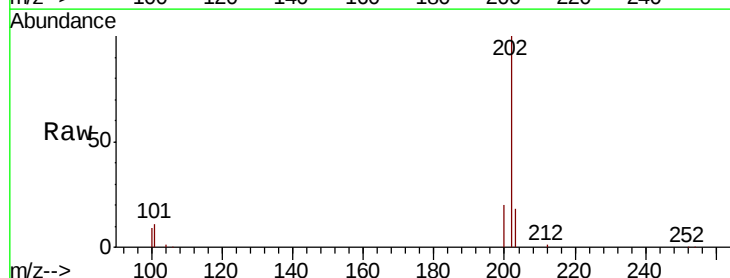
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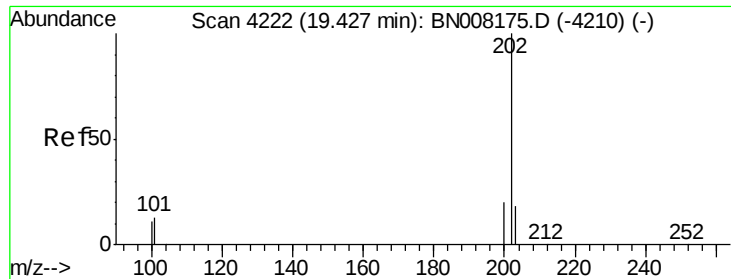
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#15
 Fluoranthene
 Concen: 0.587 ng/ul m
 RT: 19.06 min Scan# 4143
 Delta R.T. -0.01 min
 Lab File: BN008188.D
 Acq: 16 Oct 2019 00:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.2
100	8.6	0.0	28.5





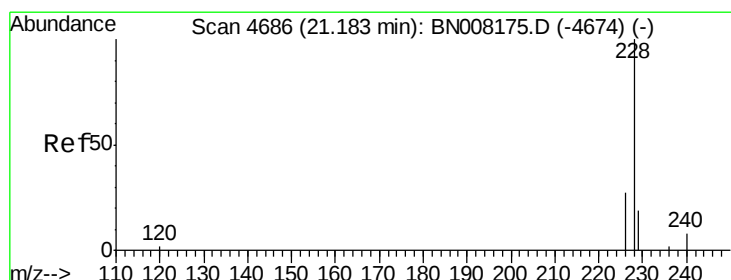
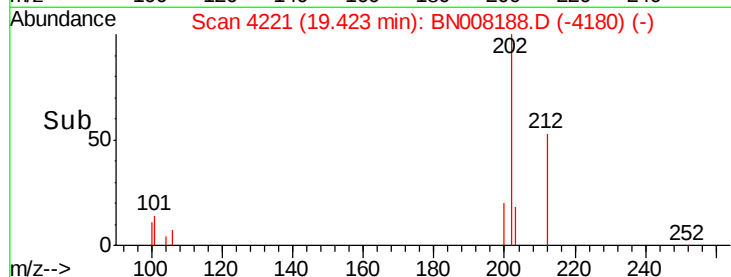
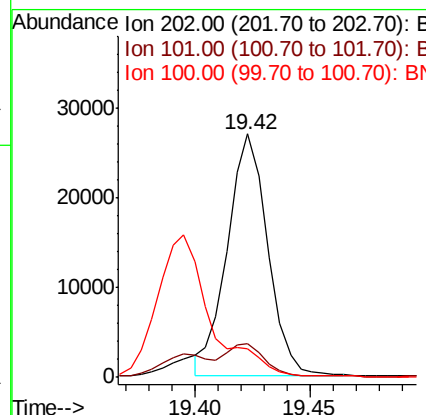
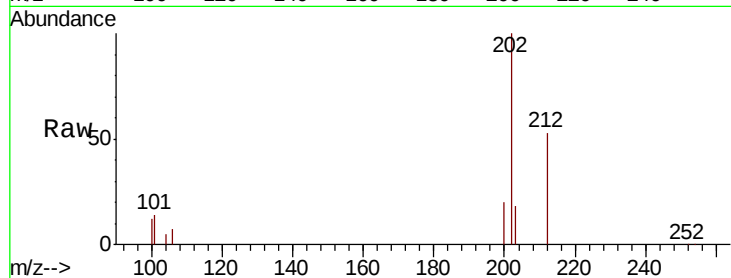
#17
Pvrene
Concen: 0.488 ng/ul m
RT: 19.42 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN008188.D
Acq: 16 Oct 2019 00:01

Instrument :
BNA_N
ClientSampled :
BEPG1

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.9	16.3
100	11.7	8.7	13.1

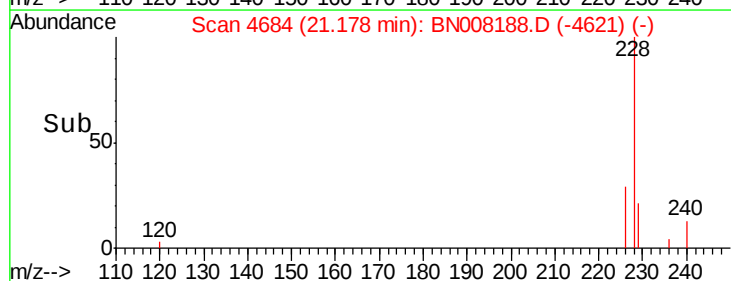
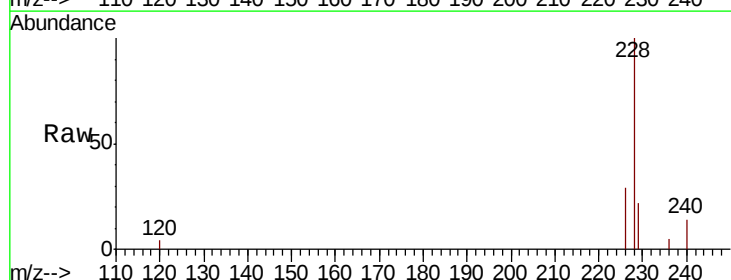
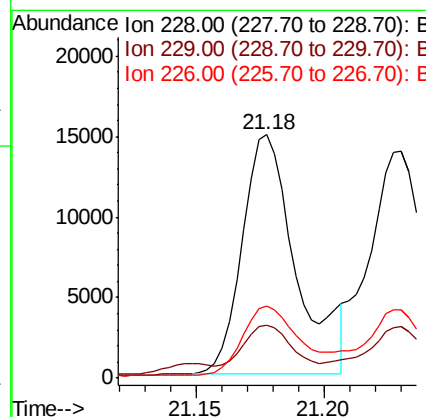
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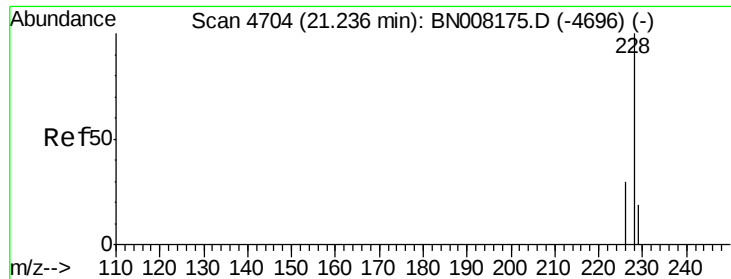
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#18
Benzo(a)anthracene
Concen: 0.355 ng/ul m
RT: 21.18 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN008188.D
Acq: 16 Oct 2019 00:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.2	24.2
226	29.5	21.4	32.0





#19

Chrysene

Concen: 0.286 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN008188.D

Acq: 16 Oct 2019 00:01

Instrument :

BNA_N

ClientSampleId :

BEPG1

Tot Ion:228 Resp: 21558

Ion Ratio Lower Upper

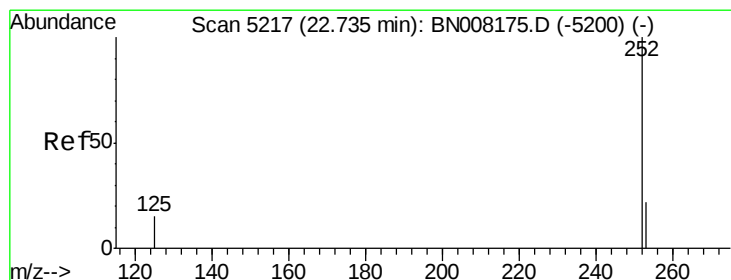
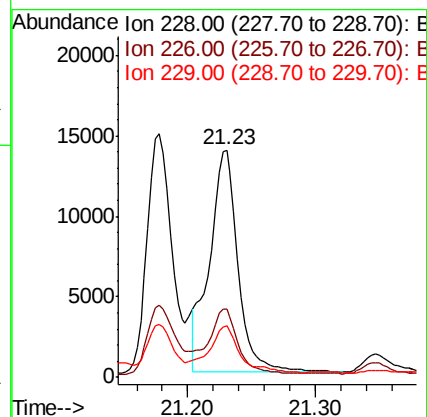
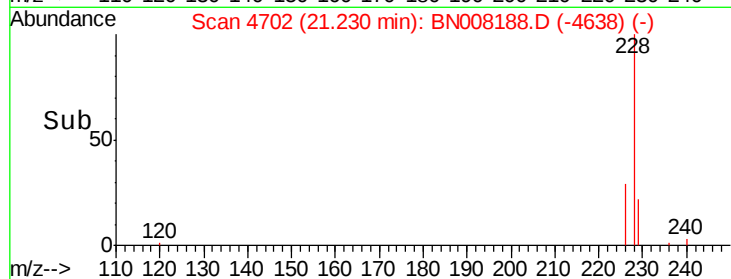
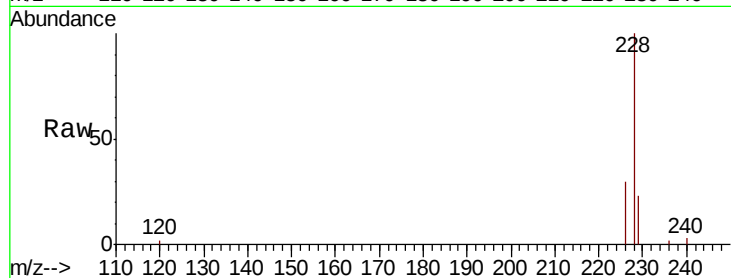
228 100

226 30.1 24.1 36.1

229 22.6 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 0.639 ng/ul m

RT: 22.73 min Scan# 5215

Delta R.T. -0.01 min

Lab File: BN008188.D

Acq: 16 Oct 2019 00:01

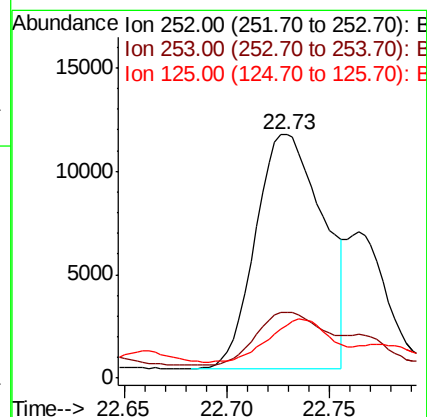
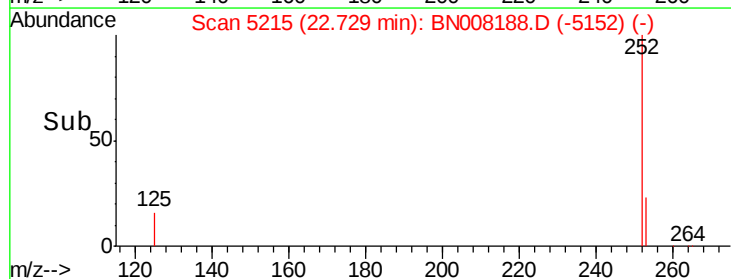
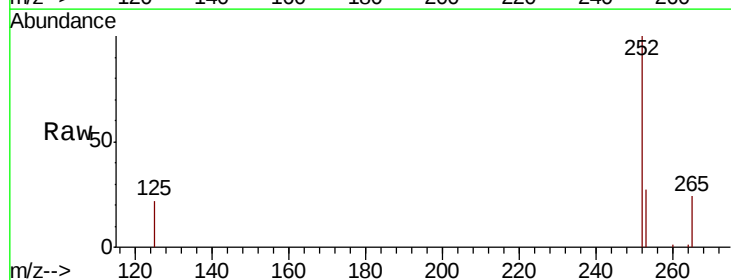
Tgt Ion:252 Resp: 26008

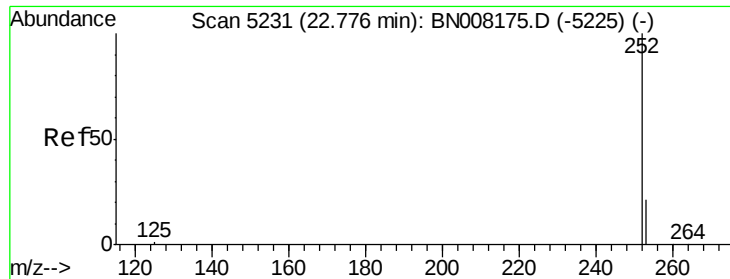
Ion Ratio Lower Upper

252 100

253 27.2 0.0 53.4

125 22.0 0.0 32.4





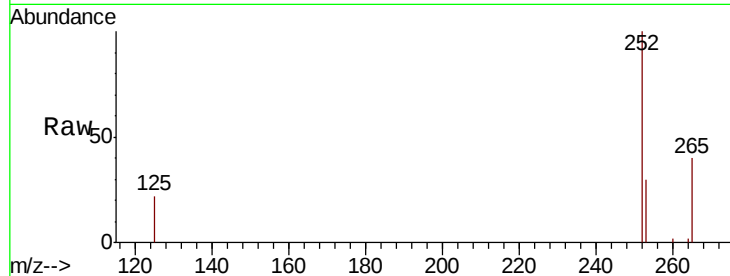
#22
Benzo(k)fluoranthene
Concen: 0.186 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.02 min
Lab File: BN008188.D
Acq: 16 Oct 2019 00:01

Instrument :
BNA_N
ClientSampleId :
BEPG1

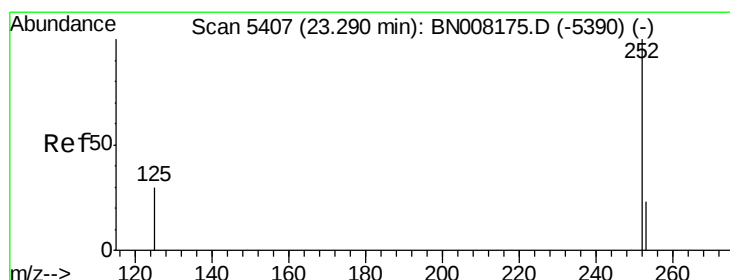
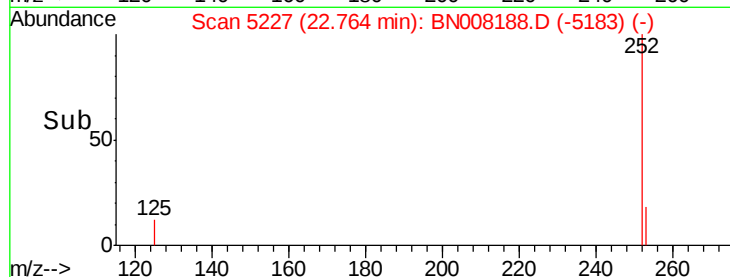
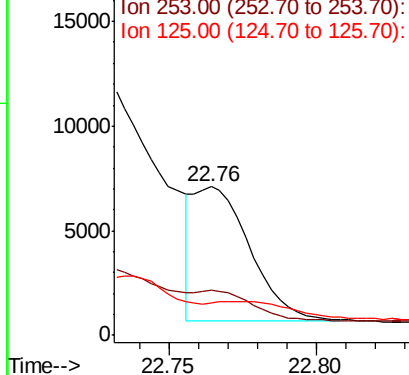
Tot Ion	Ratio	Lower	Upper
252	100		
253	30.2	21.3	31.9
125	22.0	12.3	18.5

Manual Integrations
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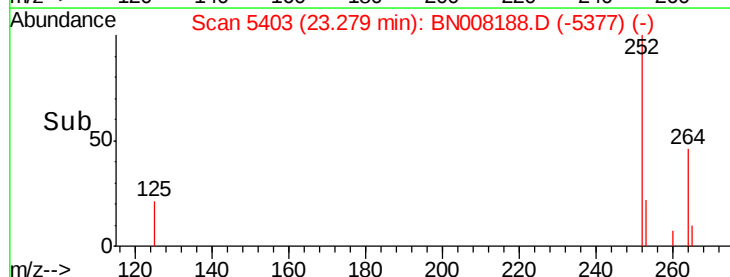
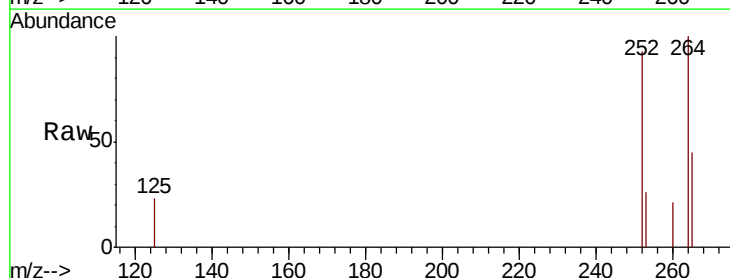
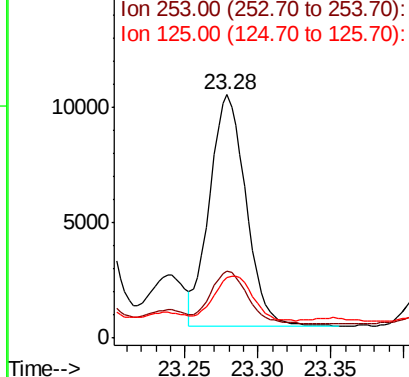
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

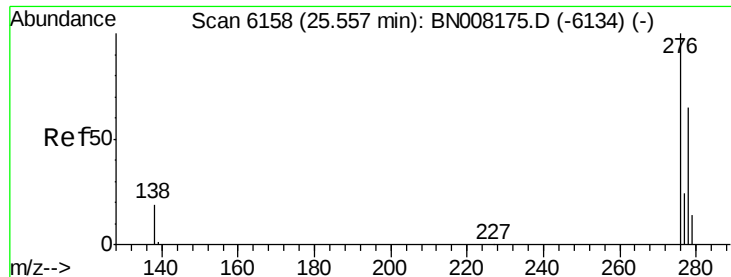


#23
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.28 min Scan# 5403
Delta R.T. -0.02 min
Lab File: BN008188.D
Acq: 16 Oct 2019 00:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.8	34.2
125	24.8	18.4	27.6

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





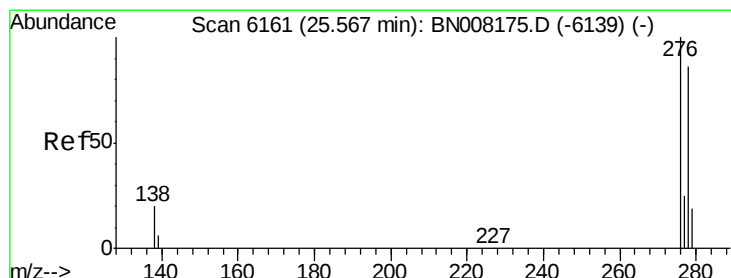
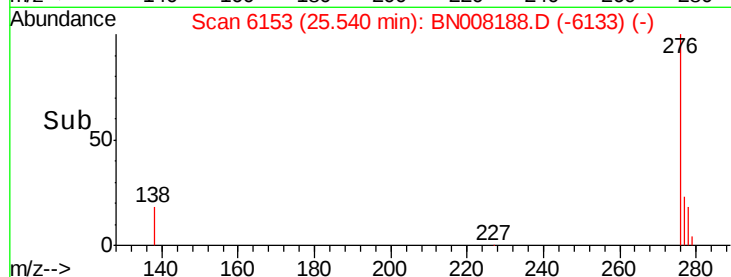
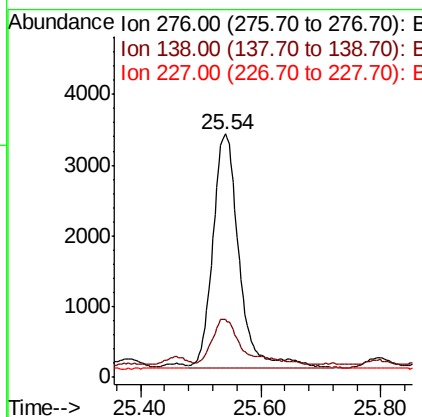
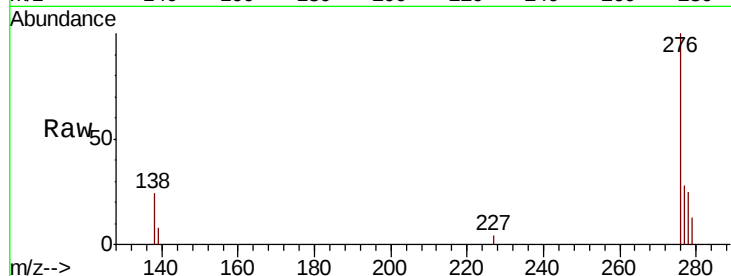
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.199 ng/ul
 RT: 25.54 min Scan# 6153
 Delta R.T. -0.03 min
 Lab File: BN008188.D
 Acq: 16 Oct 2019 00:01

Instrument :
 BNA_N
 ClientSampleId :
 BEPG1

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.1	24.1
227	0.0	0.2	0.2

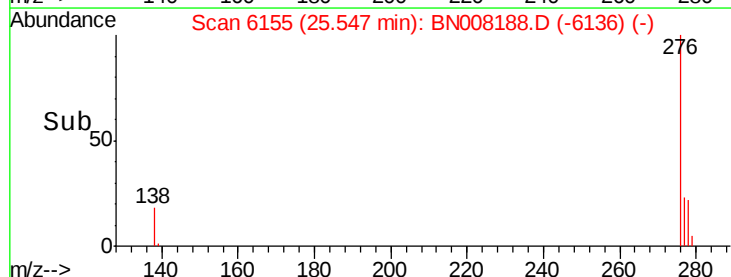
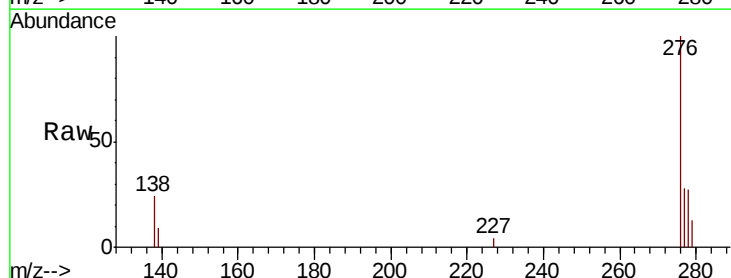
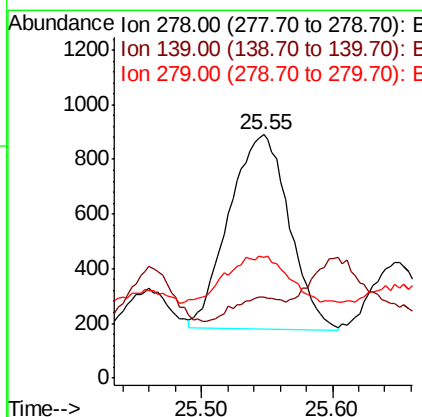
Manual Integrations
 APPROVED

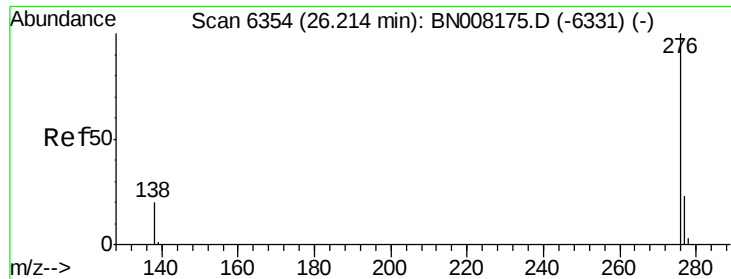
mohammad
 10/16/2019 4:09:02 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.057 ng/ul
 RT: 25.55 min Scan# 6155
 Delta R.T. -0.04 min
 Lab File: BN008188.D
 Acq: 16 Oct 2019 00:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.4	15.0	22.6
279	49.5	22.4	33.6





#26
 Benzo(a,h,i)perylene
 Concen: 0.155 ng/ul
 RT: 26.19 min Scan# 6348
 Delta R.T. -0.04 min
 Lab File: BN008188.D
 Acq: 16 Oct 2019 00:01

Instrument :
 BNA_N
 ClientSampleId :
 BEPG1

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	17.0	25.4#
277	27.9	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/16/2019 4:09:02 PM

