

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008233.D
 Acq On : 17 Oct 2019 22:22
 Operator : JU
 Sample : K5177-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPA3

Manual Integrations
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Quant Time: Oct 18 03:52:44 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 : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2885	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13682	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8590	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18341m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	12492	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	11951	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3555	0.15	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	9612	0.15	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	15410	0.396	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	11541	0.432	ng/ul	99
7) Acenaphthylene	13.95	152	44850	1.096	ng/ul	99
8) Acenaphthene	14.30	153	21044	0.661	ng/ul	99
9) Fluorene	15.29	166	25403	0.703	ng/ul#	96
11) Pentachlorophenol	16.65	266	532	0.120	ng/ul	95
12) Phenanthrene	17.03	178	554552	10.327	ng/ul	98
13) Anthracene	17.12	178	113865	2.410	ng/ul	99
15) Fluoranthene	19.06	202	1235298	17.418	ng/ul	100
17) Pyrene	19.42	202	1268866	25.510	ng/ul	98
18) Benzo(a)anthracene	21.18	228	618077	13.609	ng/ul	97
19) Chrysene	21.23	228	661856	11.875	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	722348m	18.567	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	241693m	5.484	ng/ul	
23) Benzo(a)pyrene	23.28	252	536199	13.097	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.55	276	359961	7.465	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.55	278	94695	2.484	ng/ul	96
26) Benzo(g,h,i)perylene	26.21	276	353909	8.004	ng/ul	98

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

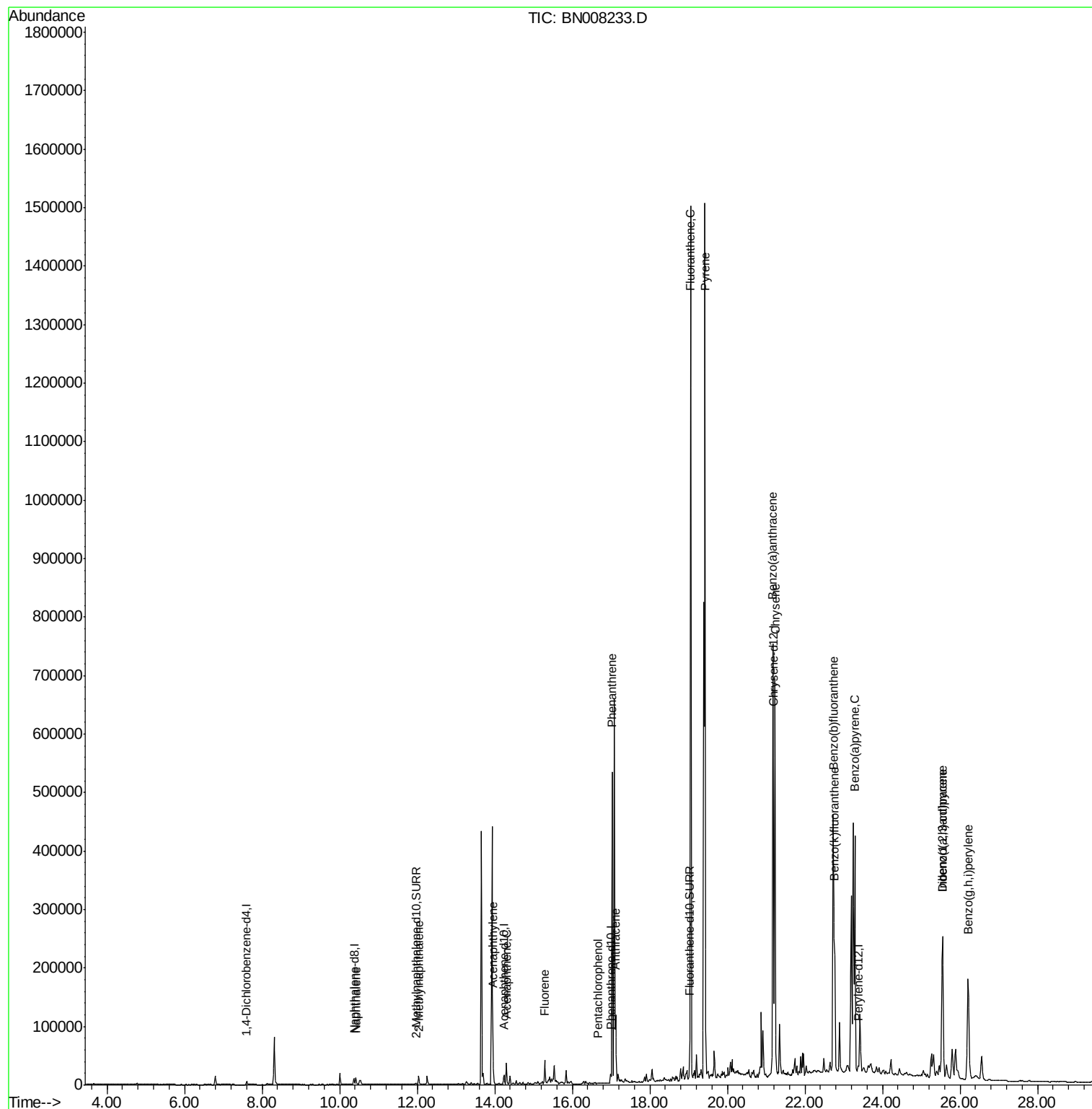
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008233.D
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Operator : JU
Sample : K5177-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

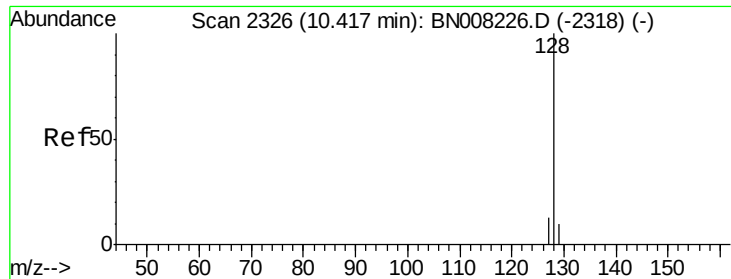
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 17 01:48:53 2019
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#3

Naphthalene

Concen: 0.396 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Instrument :

BNA_N

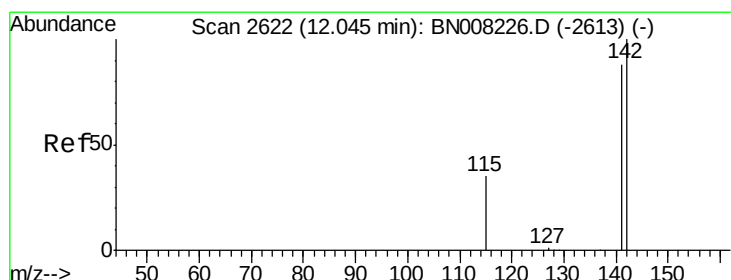
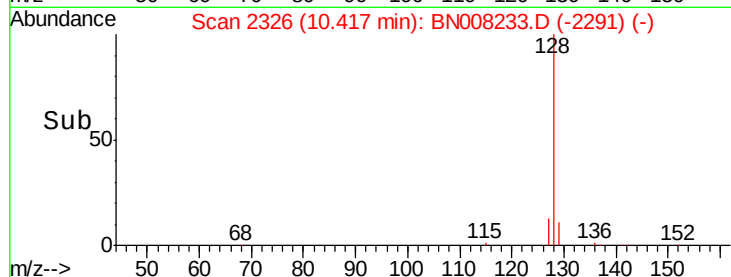
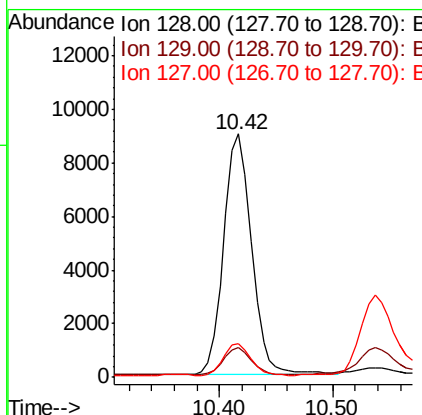
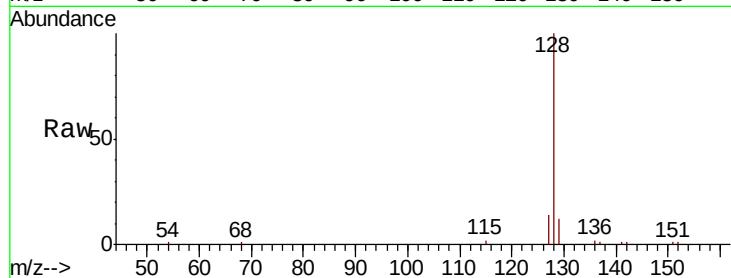
ClientSampleId :

BEPA3

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.8
127	13.7	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.432 ng/ul

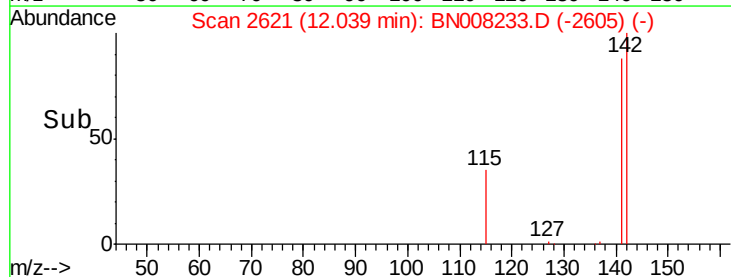
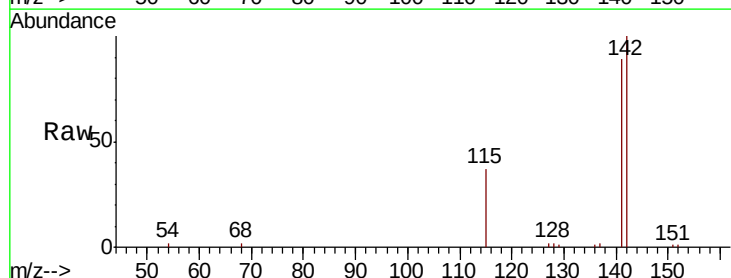
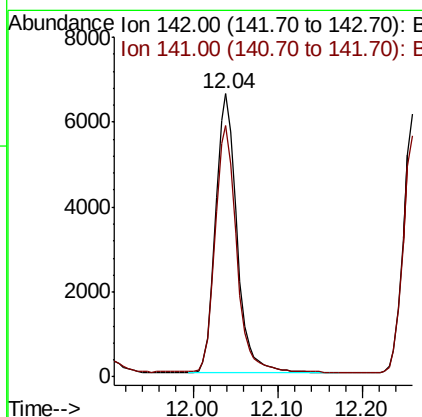
RT: 12.04 min Scan# 2621

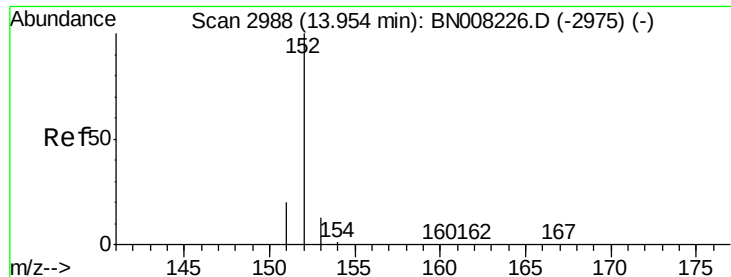
Delta R.T. -0.01 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2





#7

Acenaphthylene

Concen: 1.096 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Instrument :

BNA_N

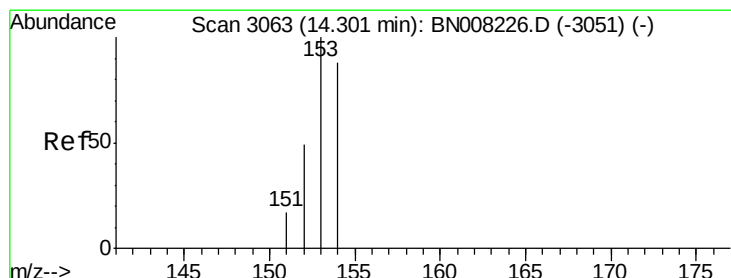
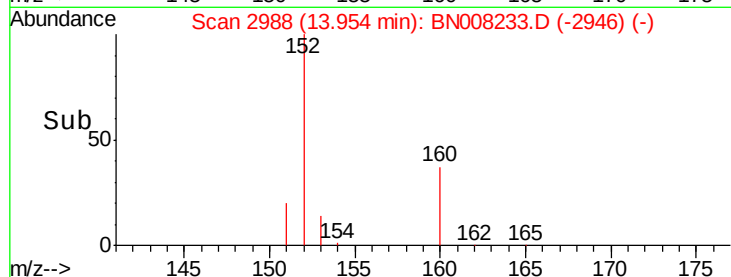
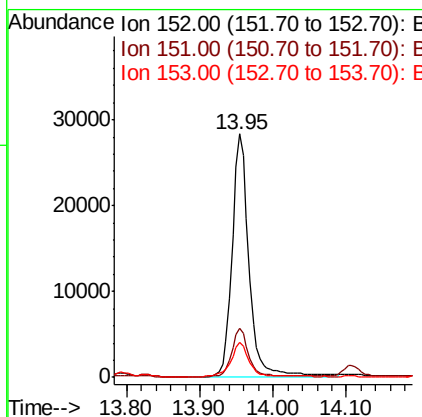
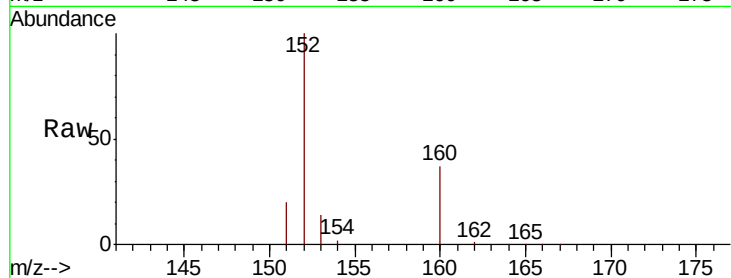
ClientSampleId :

BEPA3

Tot Ion:	152	Resp:	44850
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	14.2	11.0	16.4

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#8

Acenaphthene

Concen: 0.661 ng/ul

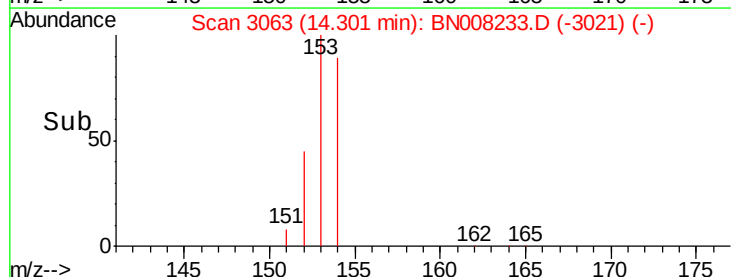
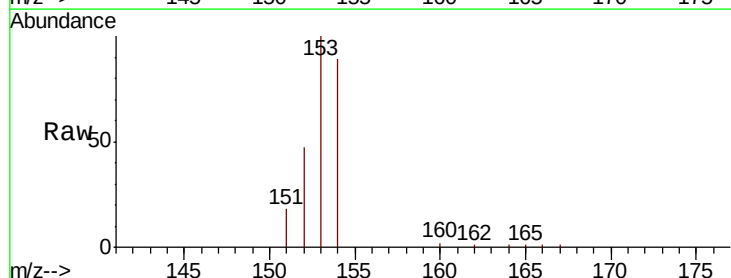
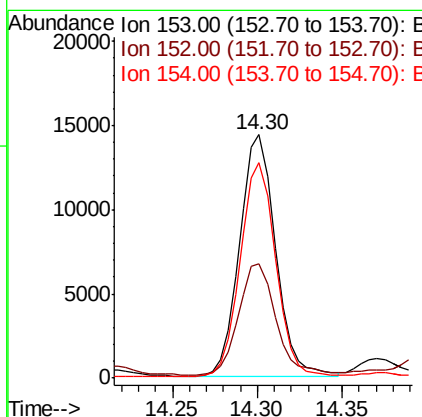
RT: 14.30 min Scan# 3063

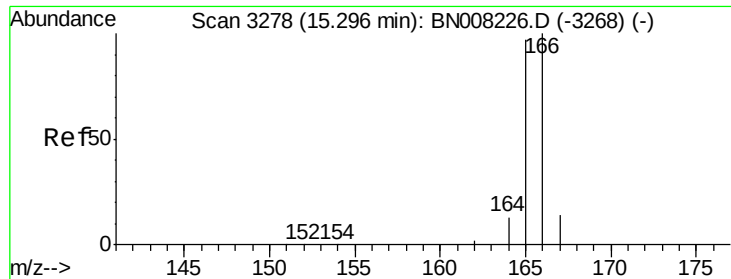
Delta R.T. -0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Tgt Ion:	153	Resp:	21044
Ion Ratio	Lower	Upper	
153	100		
152	47.1	38.2	57.2
154	88.6	71.8	107.8





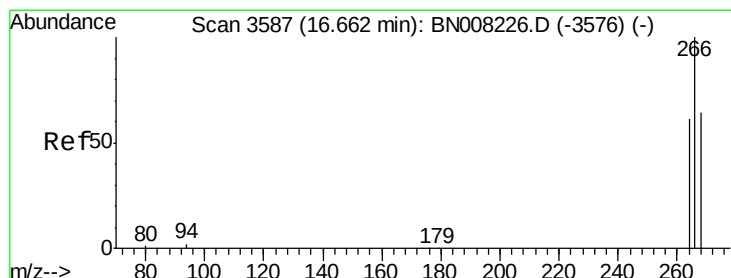
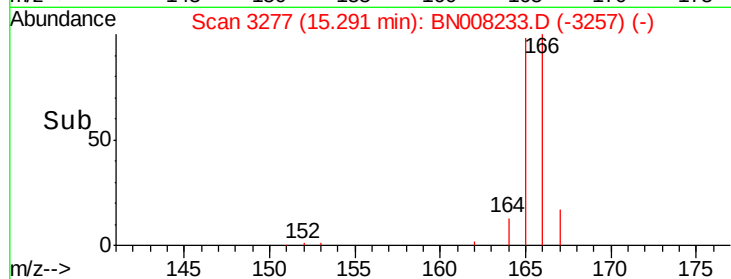
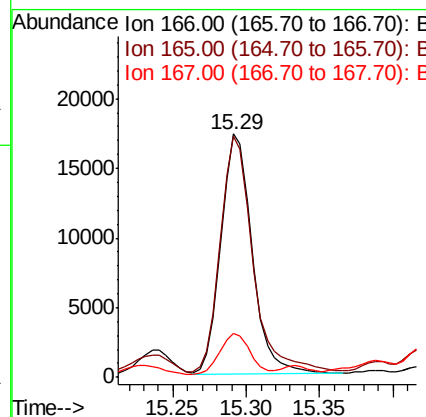
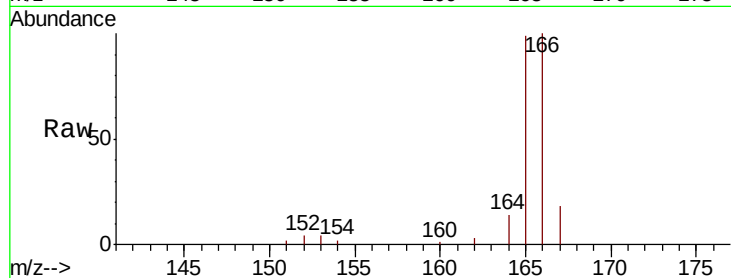
#9
Fluorene
 Concen: 0.703 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. -0.01 min
 Lab File: BN008233.D
 Acq: 17 Oct 2019 22:22

Instrument :
 BNA_N
 ClientSampleId :
 BEPA3

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	76.6	115.0
167	18.3	11.7	17.5

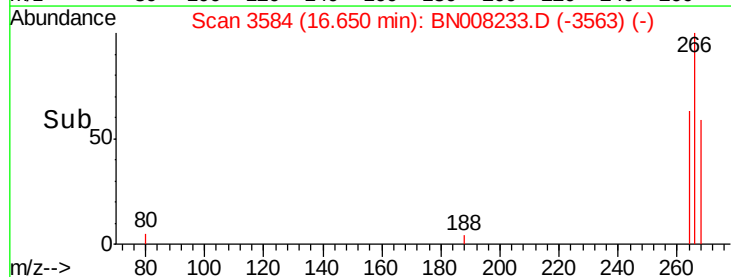
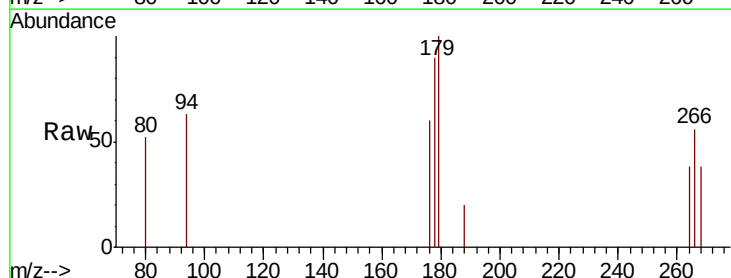
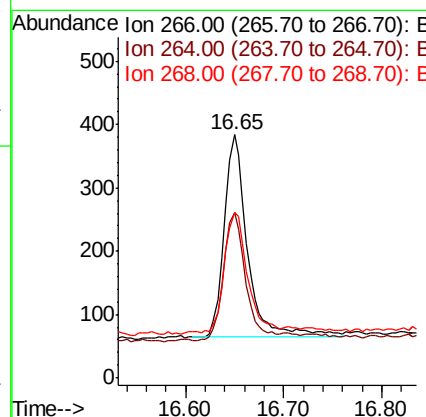
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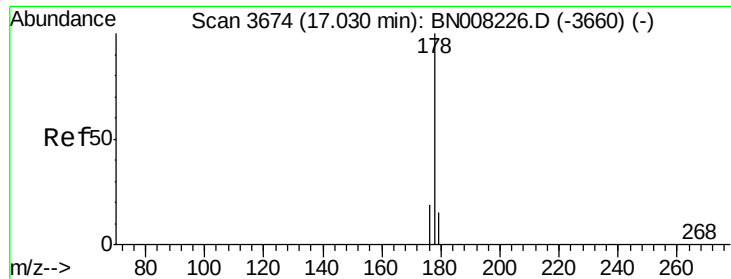
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#11
Pentachlorophenol
 Concen: 0.120 ng/ul
 RT: 16.65 min Scan# 3584
 Delta R.T. -0.01 min
 Lab File: BN008233.D
 Acq: 17 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.8	50.1	75.1
268	63.7	51.9	77.9





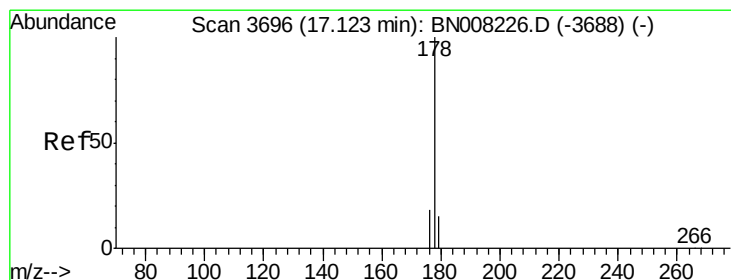
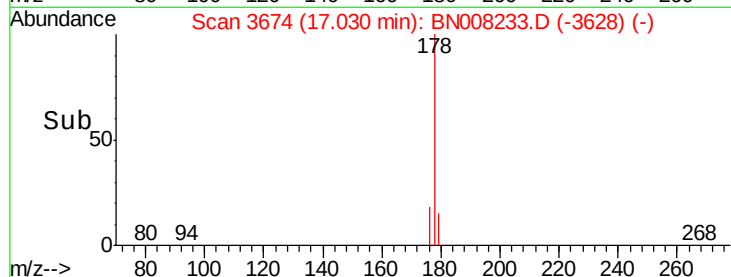
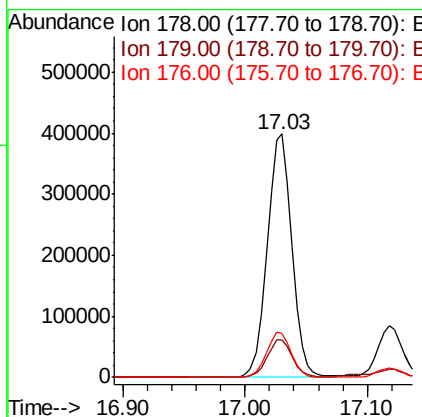
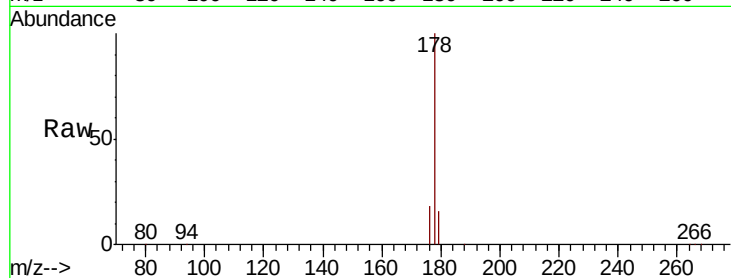
#12
Phenanthrene
Concen: 10.327 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008233.D
Acq: 17 Oct 2019 22:22

Instrument :
BNA_N
ClientSampleId :
BEP3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.3	15.4	23.2

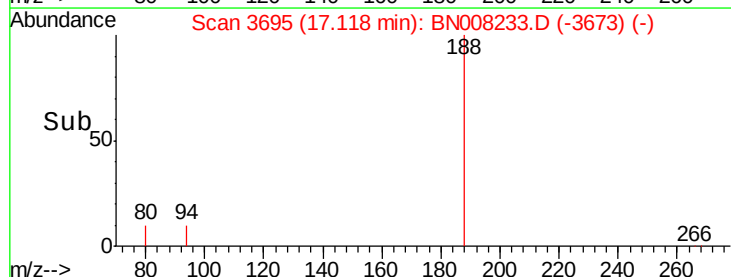
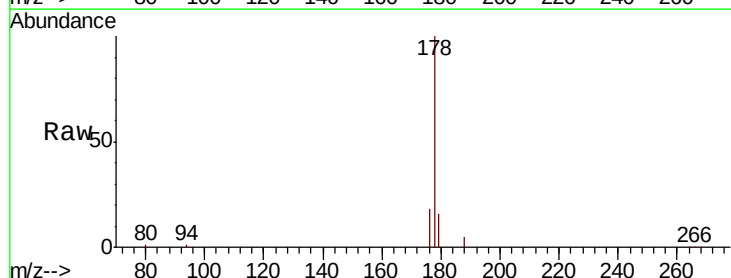
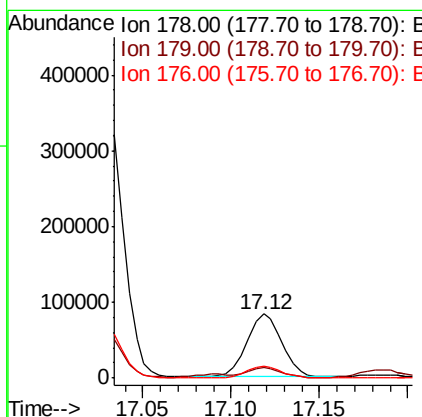
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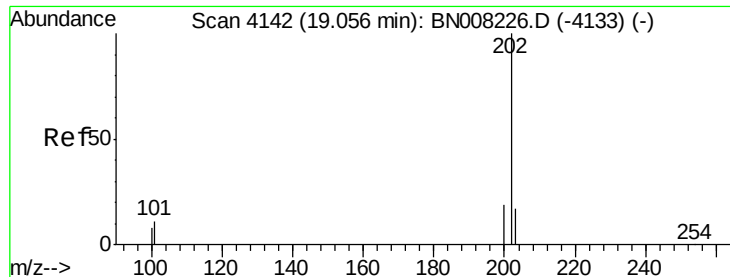
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#13
Anthracene
Concen: 2.410 ng/ul
RT: 17.12 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BN008233.D
Acq: 17 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	18.4	15.0	22.6





#15

Fluoranthene

Concen: 17.418 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Instrument :

BNA_N

ClientSampleId :

BEP3

Tot Ion:202 Resp: 1235298

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.2

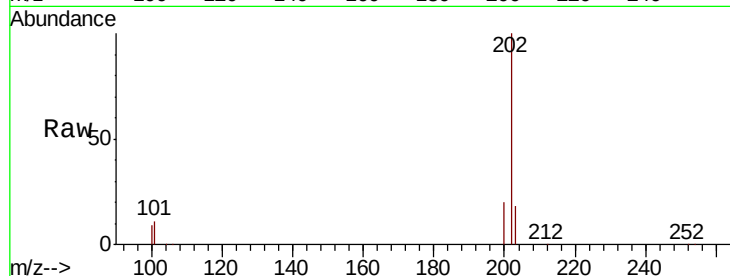
100 8.5 0.0 28.5

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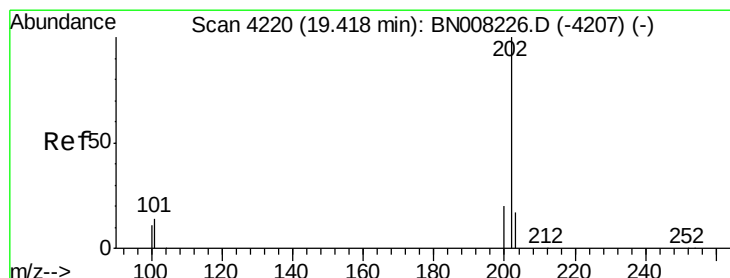
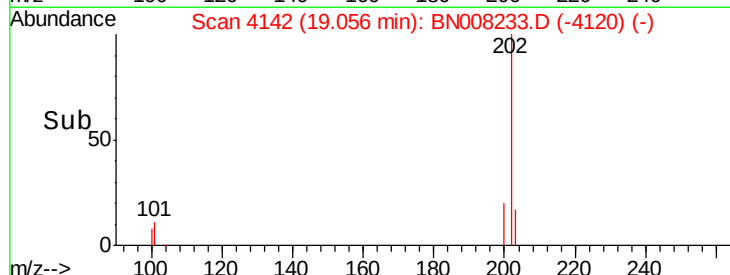
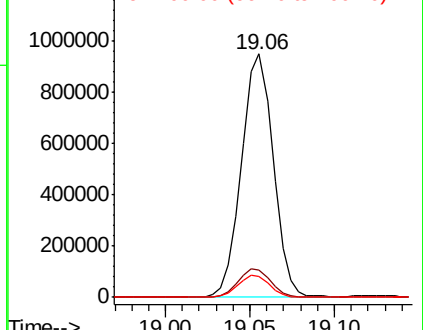


Abundance

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



#17

Pyrene

Concen: 25.510 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Tgt Ion:202 Resp: 1268866

Ion Ratio Lower Upper

202 100

101 14.4 10.9 16.3

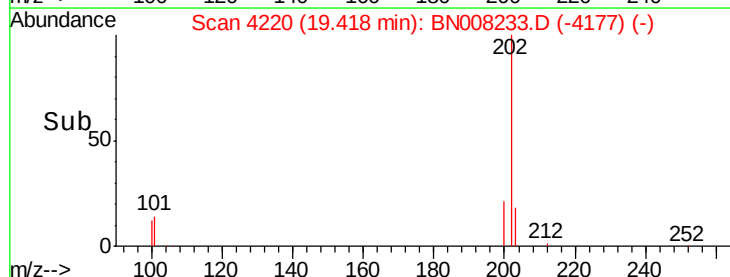
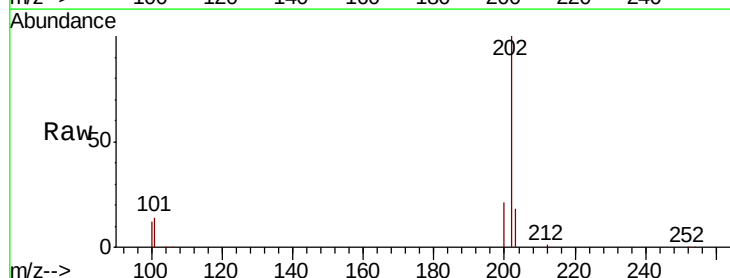
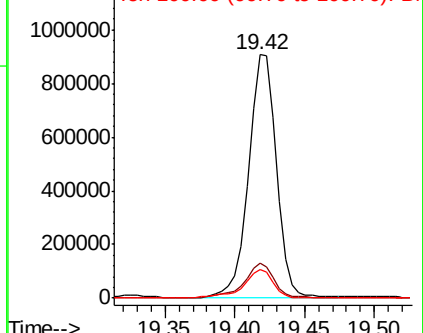
100 11.7 8.7 13.1

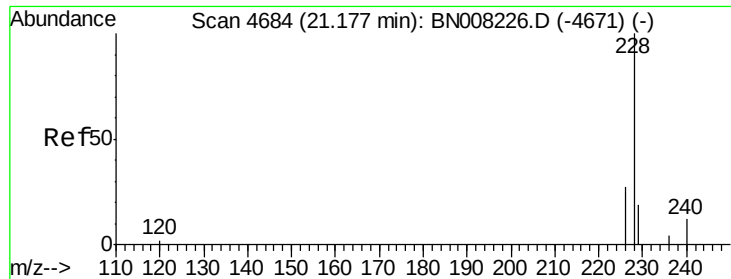
Abundance

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





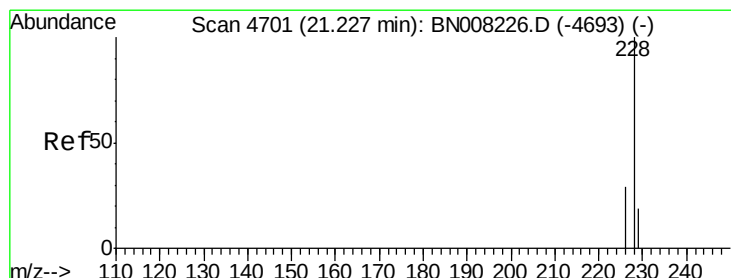
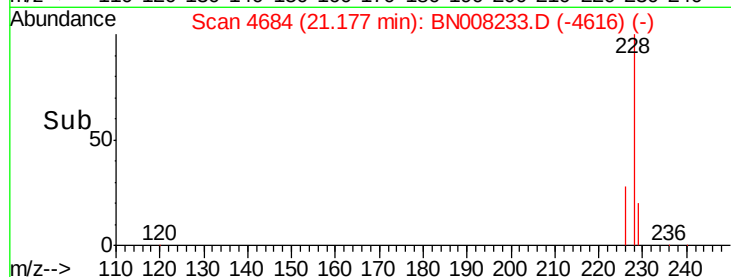
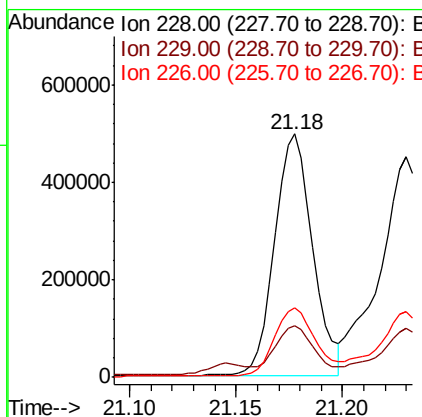
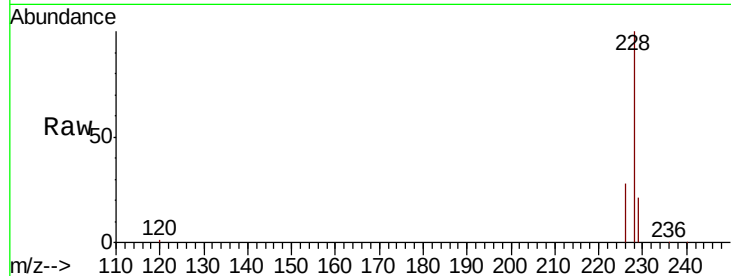
#18
Benzo(a)anthracene
Concen: 13.609 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. 0.00 min
Lab File: BN008233.D
Acq: 17 Oct 2019 22:22

Instrument :
BNA_N
ClientSampleId :
BEP3

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	28.4	21.4	32.0

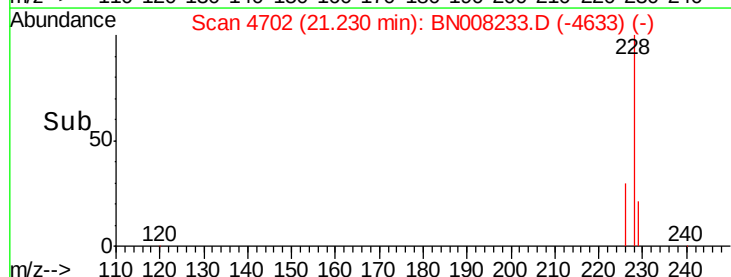
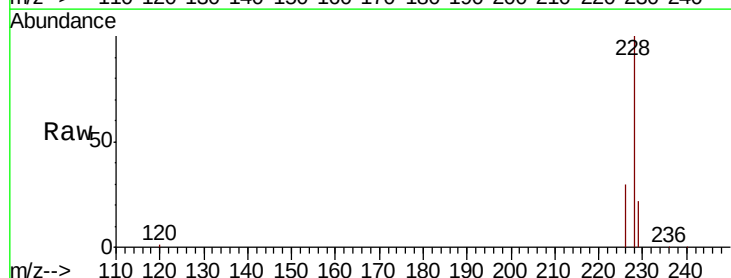
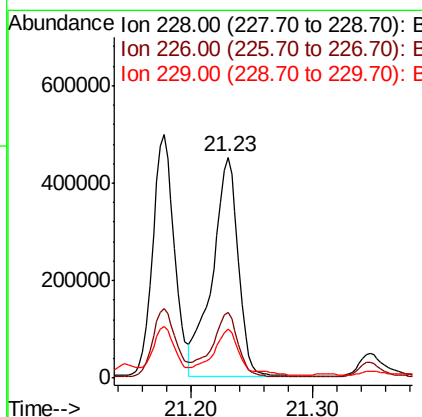
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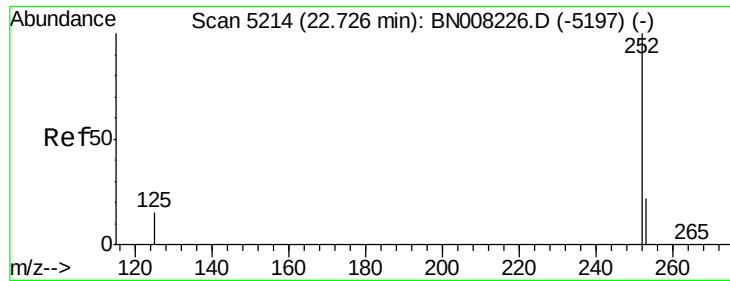
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#19
Chrysene
Concen: 11.875 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BN008233.D
Acq: 17 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	22.0	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 18.567 ng/ul m

RT: 22.73 min Scan# 5216

Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Instrument :

BNA_N

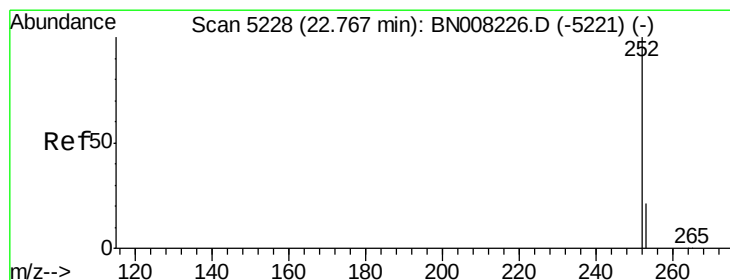
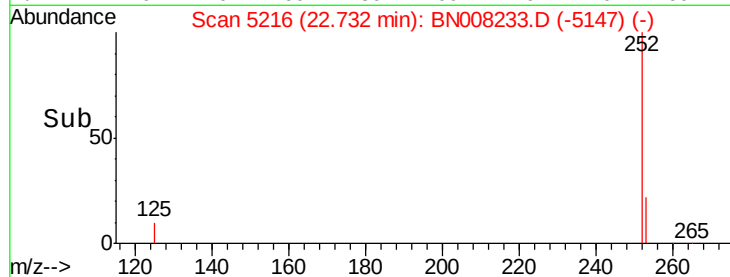
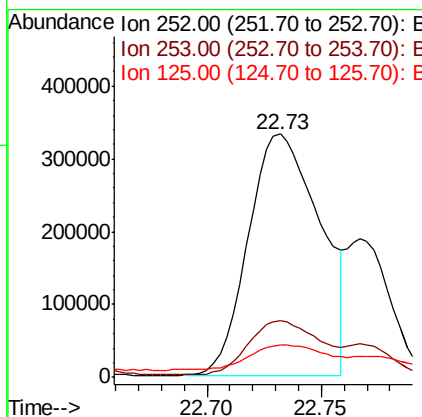
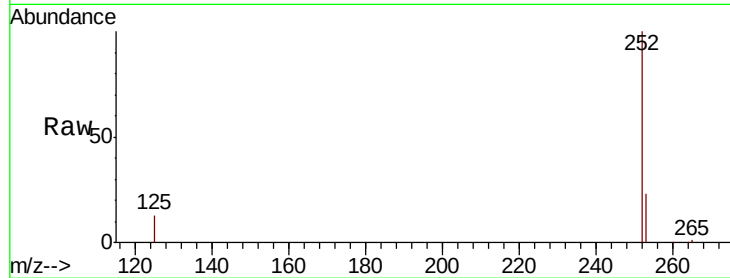
ClientSampleId :

BEP3

Tot Ion:	252	Resp:	722348
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	53.4
125	13.1	0.0	32.4

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#22

Benzo(k)fluoranthene

Concen: 5.484 ng/ul m

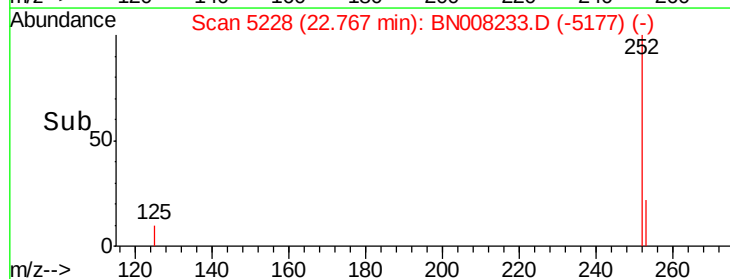
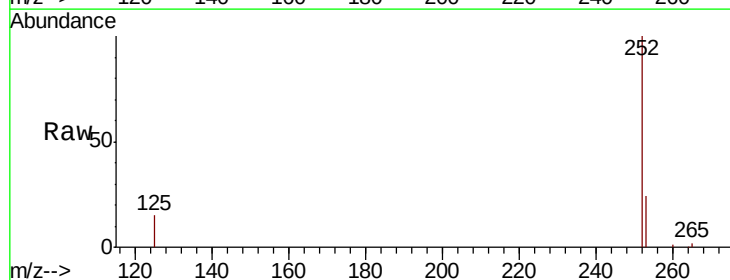
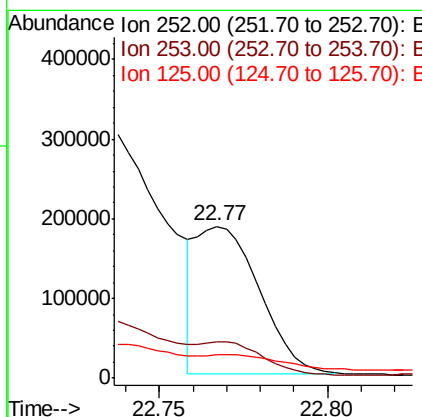
RT: 22.77 min Scan# 5228

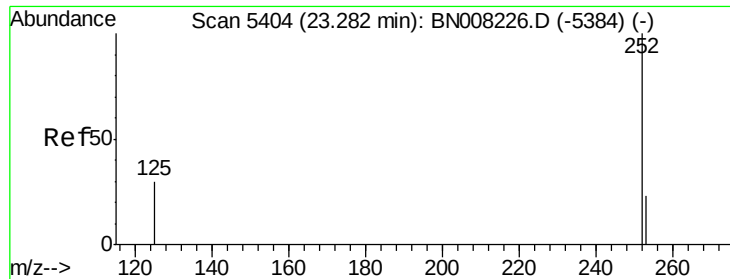
Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Tgt Ion:	252	Resp:	241693
Ion Ratio	Lower	Upper	
252	100		
253	24.1	21.3	31.9
125	15.2	12.3	18.5





#23

Benzo(a)pyrene

Concen: 13.097 ng/ul

RT: 23.28 min Scan# 5405

Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Instrument :

BNA_N

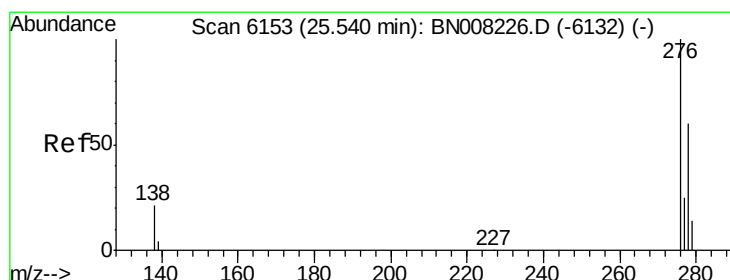
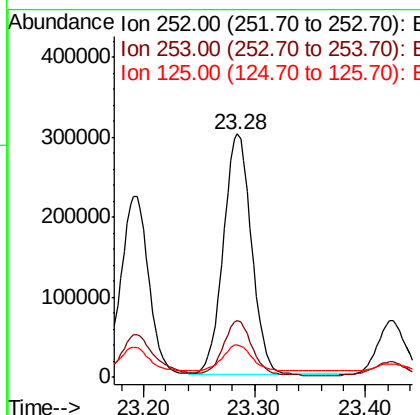
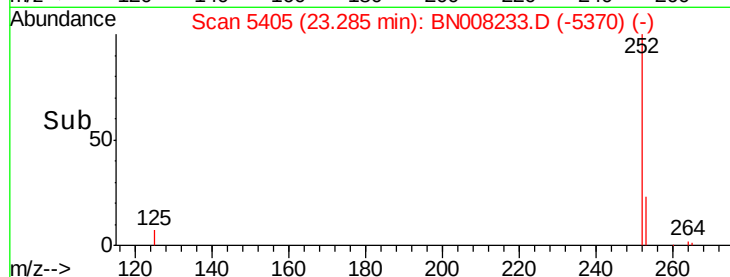
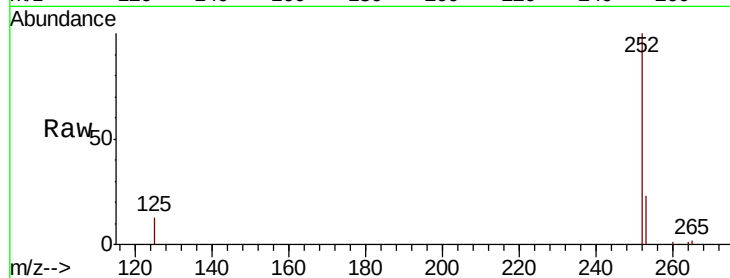
ClientSampleId :

BEP3

Tot Ion:	252	Resp:	536199
Ion Ratio	Lower	Upper	
252	100		
253	23.2	22.8	34.2
125	13.3	18.4	27.6#

Manual Integrations
APPROVED

mohammad
10/20/2019 8:09:29 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 7.465 ng/ul

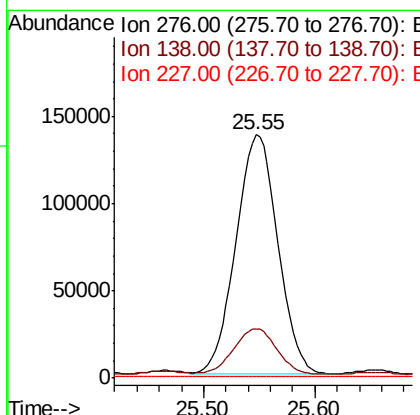
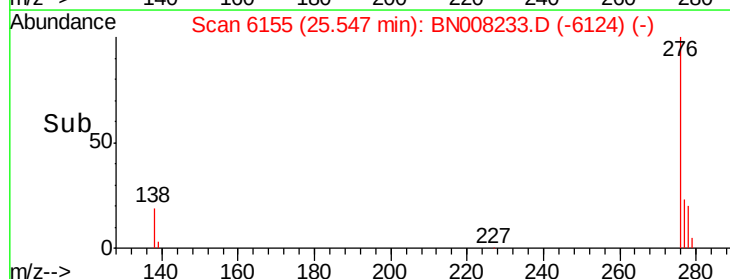
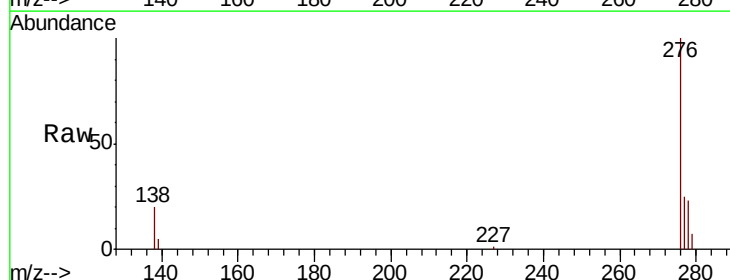
RT: 25.55 min Scan# 6155

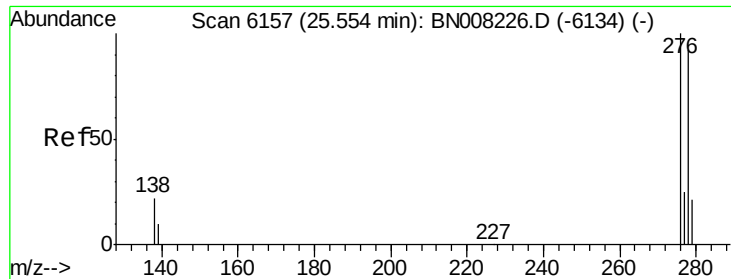
Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Tgt Ion:	276	Resp:	359961
Ion Ratio	Lower	Upper	
276	100		
138	19.3	16.1	24.1
227	0.2	0.2	0.2#





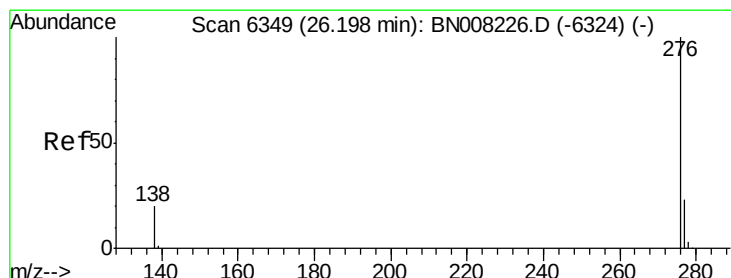
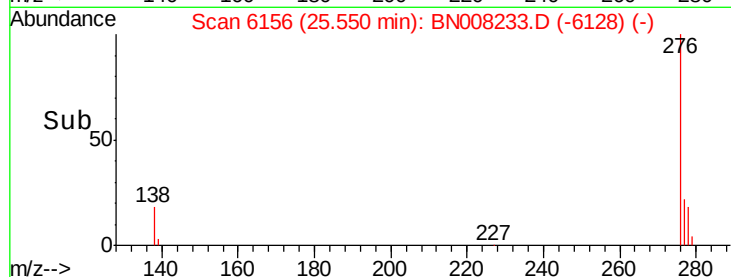
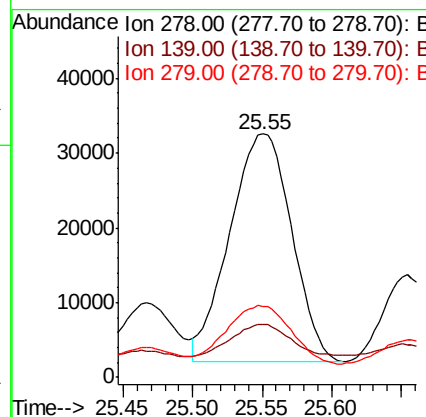
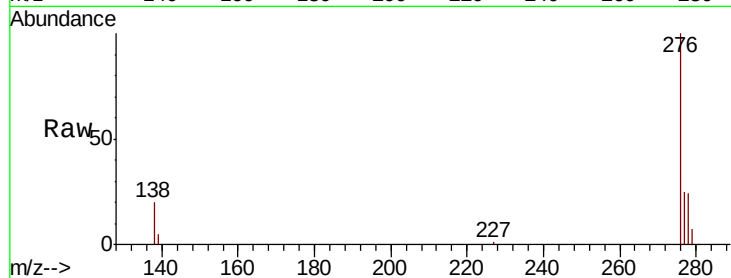
#25
Dibenzo(a,h)anthracene
Concen: 2.484 ng/ul
RT: 25.55 min Scan# 6156
Delta R.T. -0.01 min
Lab File: BN008233.D
Acq: 17 Oct 2019 22:22

Instrument :
BNA_N
ClientSampleId :
BEP3

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.0	22.6
279	29.0	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/20/2019 8:09:29 PM



#26
Benzo(g,h,i)perylene
Concen: 8.004 ng/ul
RT: 26.21 min Scan# 6352
Delta R.T. 0.01 min
Lab File: BN008233.D
Acq: 17 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.0	25.4
277	24.2	20.4	30.6

