

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008215.D
 Acq On : 17 Oct 2019 10:47
 Operator : JU
 Sample : K5175-15DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPG2DL

Manual Integrations
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Quant Time: Oct 18 02:09:57 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	3594	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	17327	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	11036	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	23944m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	21923	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	18736	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1458	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	4900	0.06	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	3146	0.064	ng/ul	94
5) 2-Methylnaphthalene	12.04	142	1838	0.054	ng/ul	97
7) Acenaphthylene	13.95	152	10571	0.201	ng/ul	99
8) Acenaphthene	14.30	153	4424	0.108	ng/ul	98
9) Fluorene	15.30	166	5722	0.123	ng/ul#	96
11) Pentachlorophenol	16.65	266	123	0.021	ng/ul	95
12) Phenanthrene	17.03	178	123879	1.767	ng/ul	99
13) Anthracene	17.12	178	24374	0.395	ng/ul	99
15) Fluoranthene	19.06	202	302078	3.263	ng/ul	99
17) Pyrene	19.42	202	314915	3.608	ng/ul	100
18) Benzo(a)anthracene	21.17	228	182072	2.284	ng/ul	98
19) Chrysene	21.23	228	202252	2.068	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	195415m	3.204	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	66168m	0.958	ng/ul	
23) Benzo(a)pyrene	23.28	252	142629	2.222	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.54	276	80296	1.062	ng/ul	99
25) Dibenzo(a,h)anthracene	25.54	278	21743	0.364	ng/ul	96
26) Benzo(g,h,i)perylene	26.20	276	70237	1.013	ng/ul	99

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

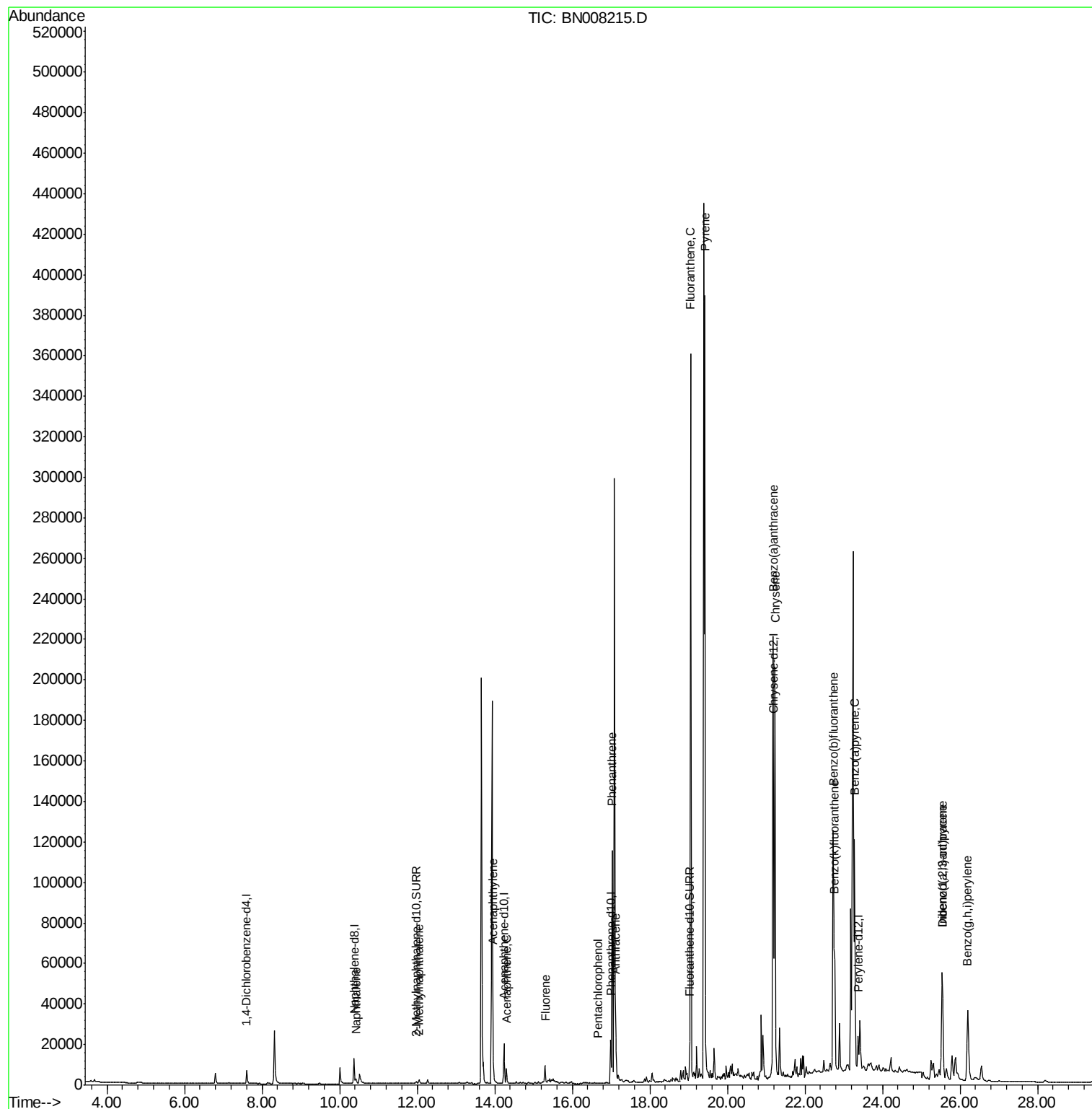
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

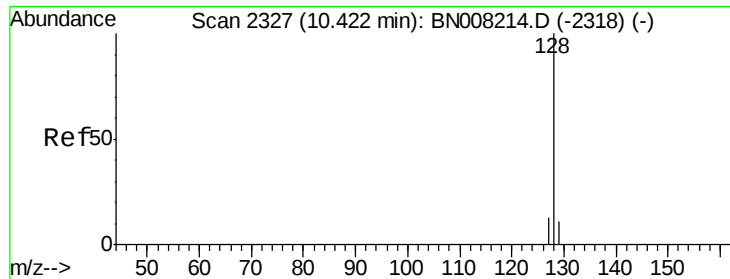
Instrument :
BNA_N
ClientSampleId :
BEPG2DL

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Quant Time: Oct 18 02:09:57 2019
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
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.064 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Instrument :

BNA_N

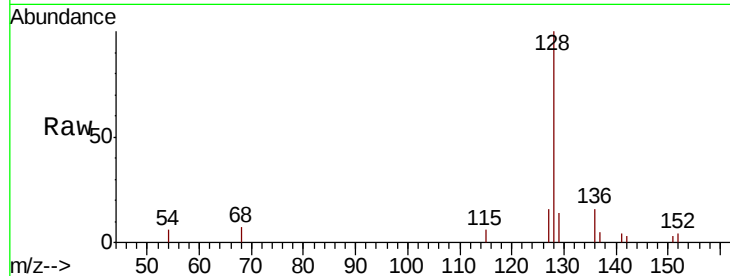
ClientSampleId :

BEPC2DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.8	14.8
127	16.2	11.1	16.7

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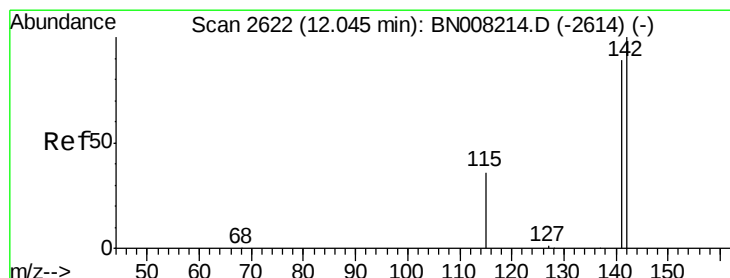
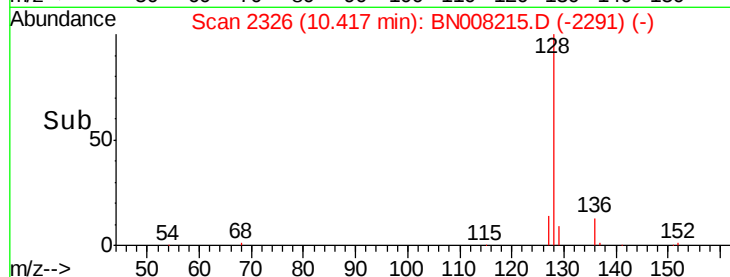
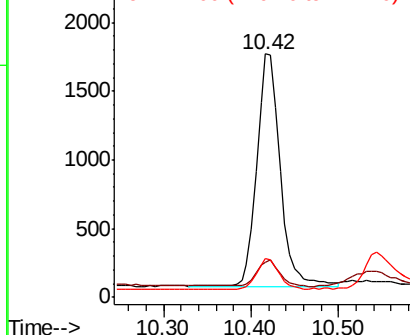


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.054 ng/ul

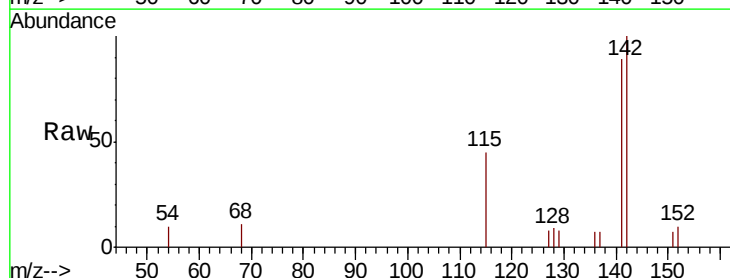
RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

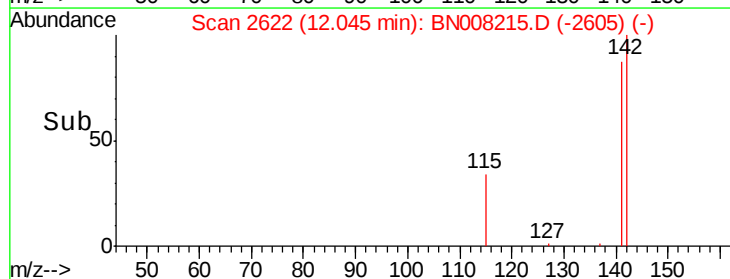
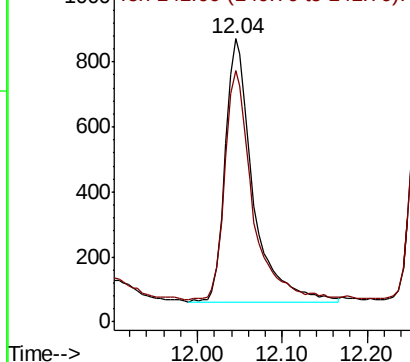
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.4	107.2

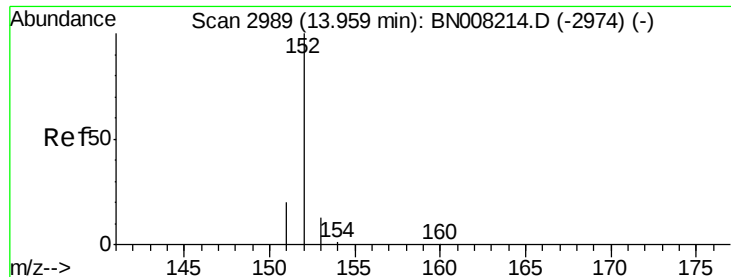


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.201 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Instrument :

BNA_N

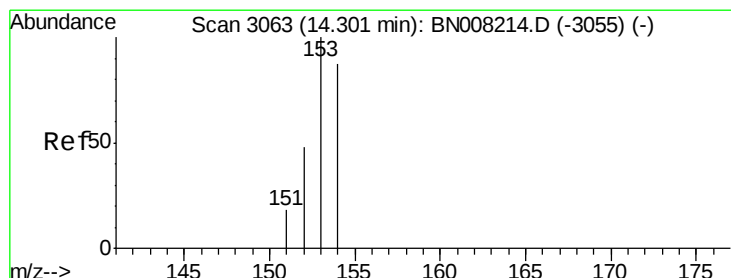
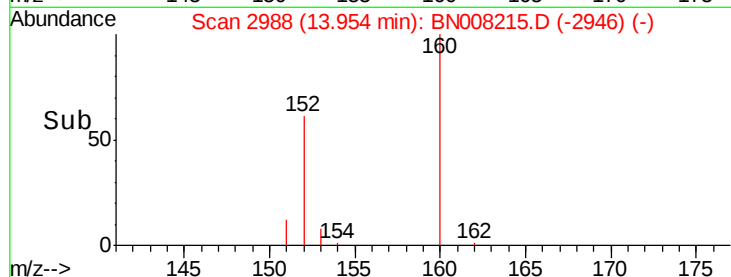
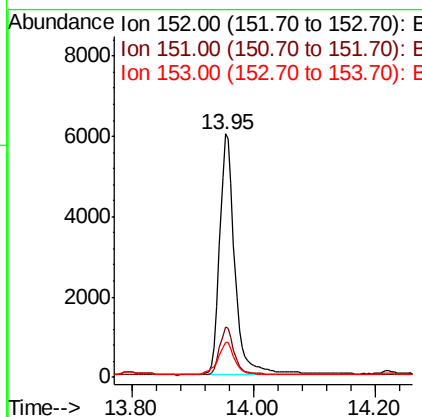
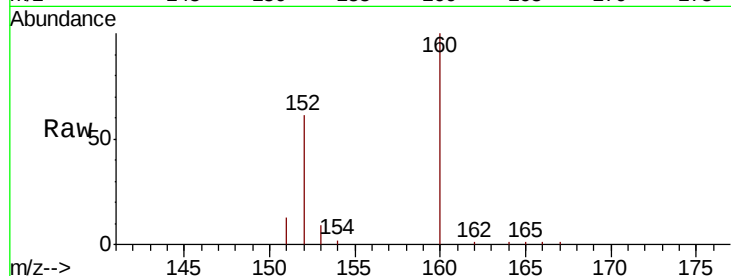
ClientSampleId :

BEPG2DL

Tot Ion:	152	Resp:	10571
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.4
153	14.6	11.0	16.4

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#8

Acenaphthene

Concen: 0.108 ng/ul

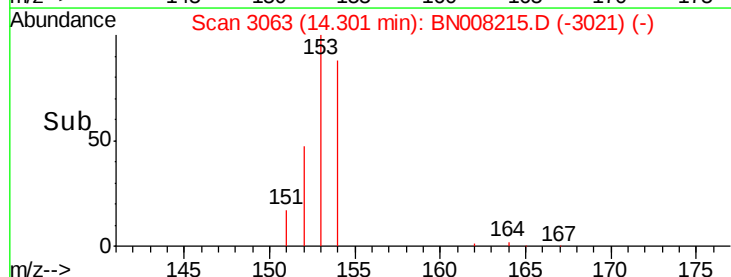
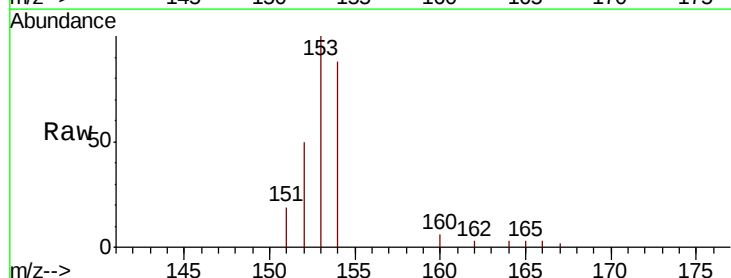
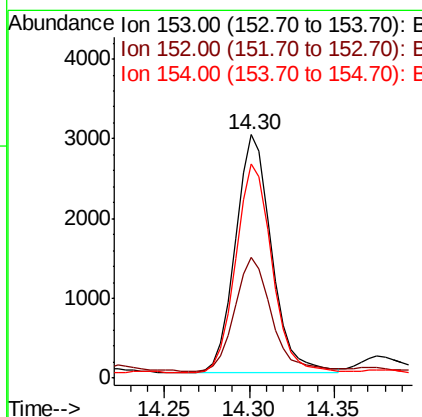
RT: 14.30 min Scan# 3063

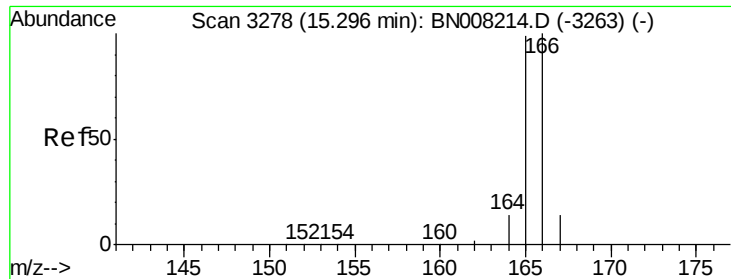
Delta R.T. -0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Tgt Ion:	153	Resp:	4424
Ion Ratio	Lower	Upper	
153	100		
152	49.7	38.2	57.2
154	87.7	71.8	107.8





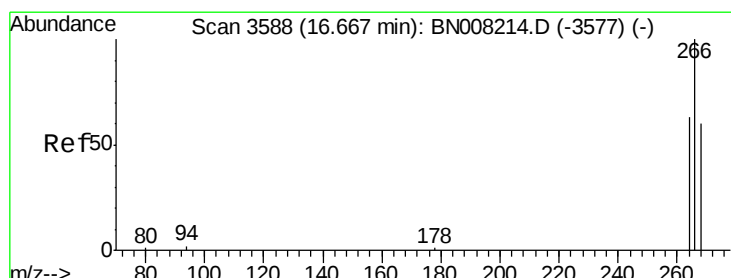
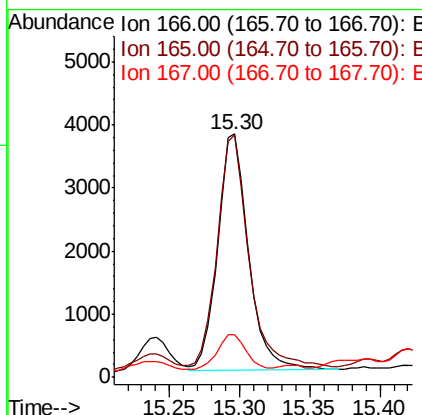
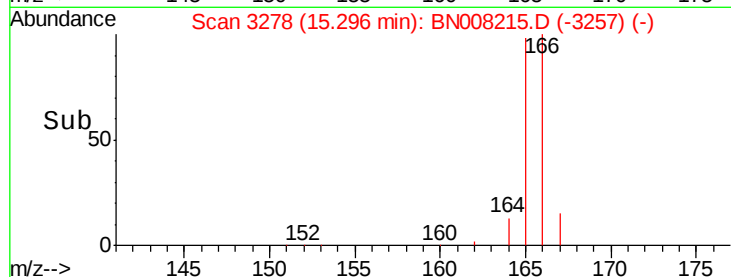
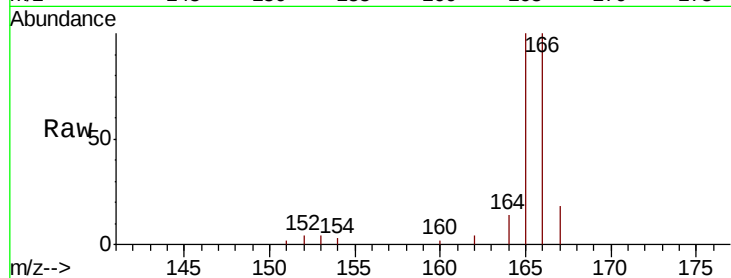
#9
Fluorene
 Concen: 0.123 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008215.D
 Acq: 17 Oct 2019 10:47

Instrument :
 BNA_N
 ClientSampleID :
 BEPG2DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.6	115.0
167	17.7	11.7	17.5#

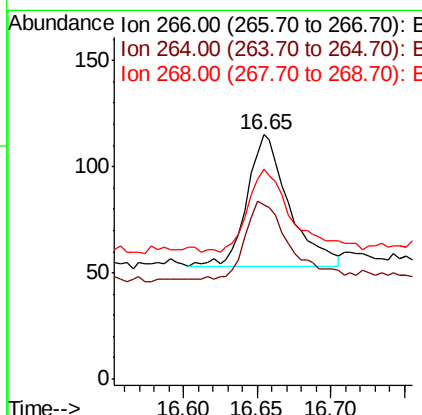
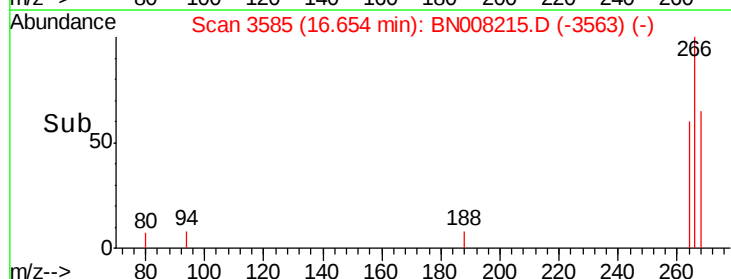
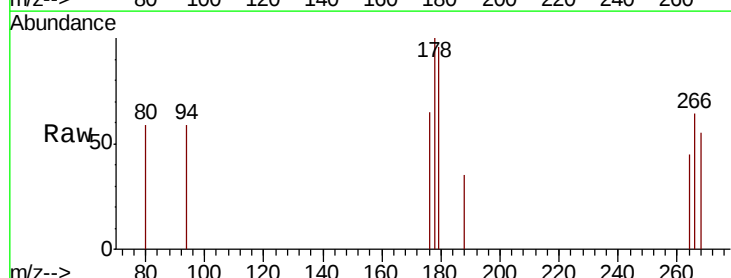
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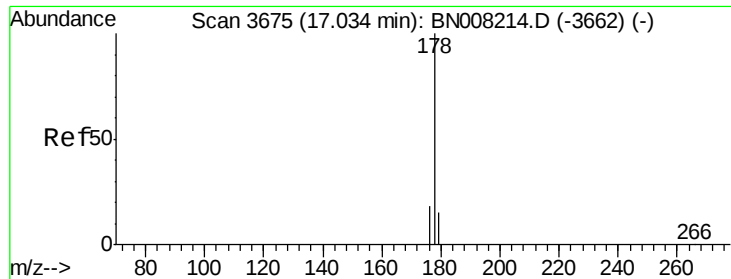
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#11
Pentachlorophenol
 Concen: 0.021 ng/ul
 RT: 16.65 min Scan# 3585
 Delta R.T. -0.01 min
 Lab File: BN008215.D
 Acq: 17 Oct 2019 10:47

Tgt Ion	Ratio	Lower	Upper
266	100		
264	69.1	50.1	75.1
268	65.9	51.9	77.9





#12

Phenanthrene

Concen: 1.767 ng/ul

RT: 17.03 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Instrument :

BNA_N

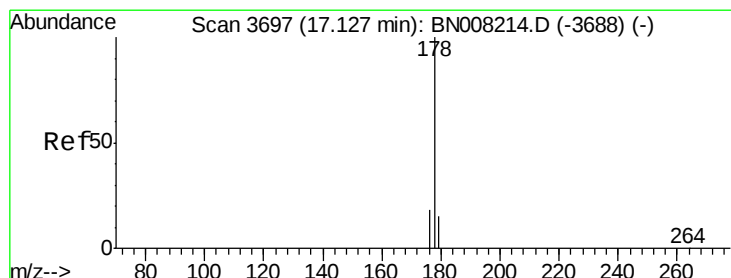
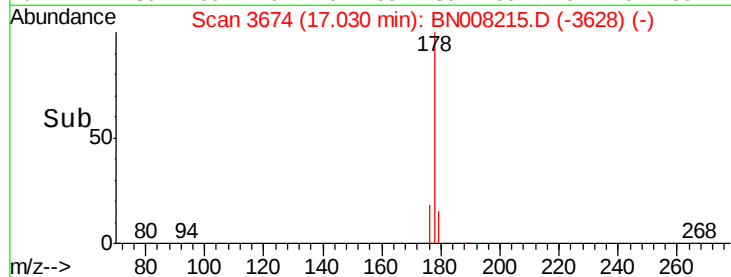
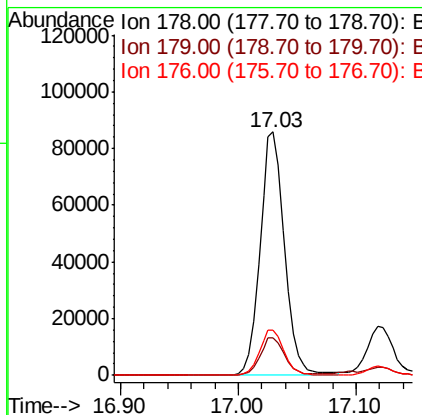
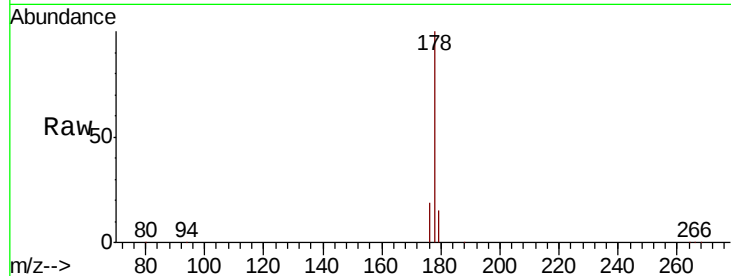
ClientSampleId :

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Tot Ion:178	Resp:	123879
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.8 19.2
176	18.6	15.4 23.2

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#13

Anthracene

Concen: 0.395 ng/ul

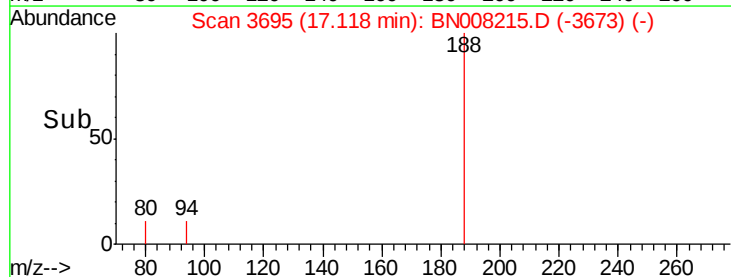
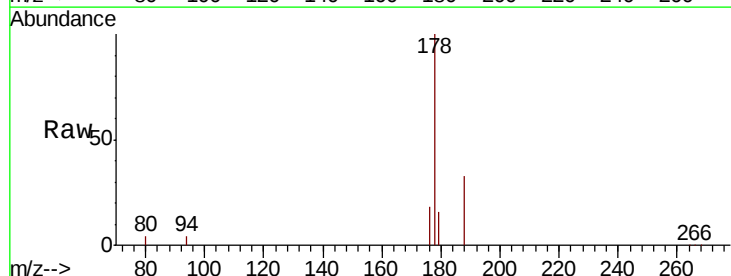
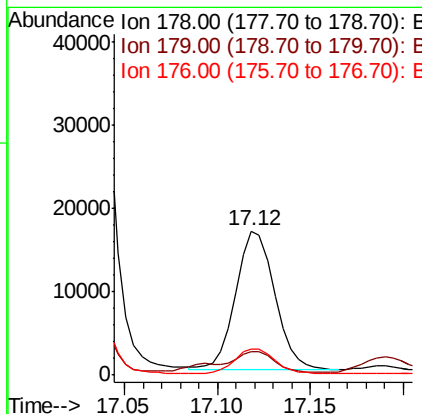
RT: 17.12 min Scan# 3695

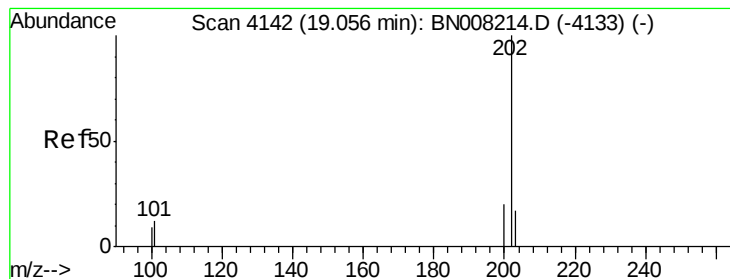
Delta R.T. -0.01 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Tgt Ion:178	Resp:	24374
Ion Ratio	Lower	Upper
178	100	
179	16.5	13.0 19.6
176	18.4	15.0 22.6





#15

Fluoranthene

Concen: 3.263 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. 0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Instrument :

BNA_N

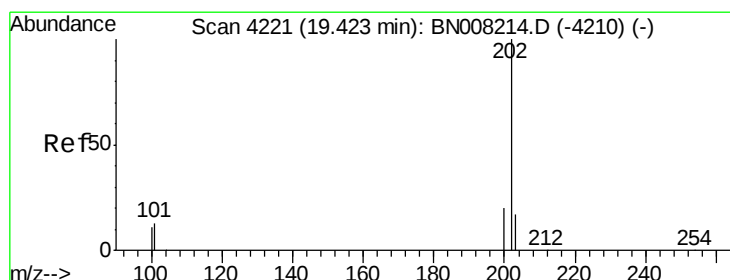
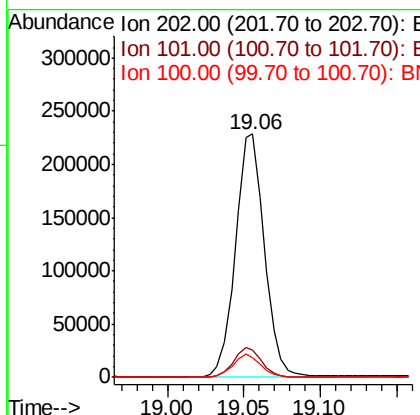
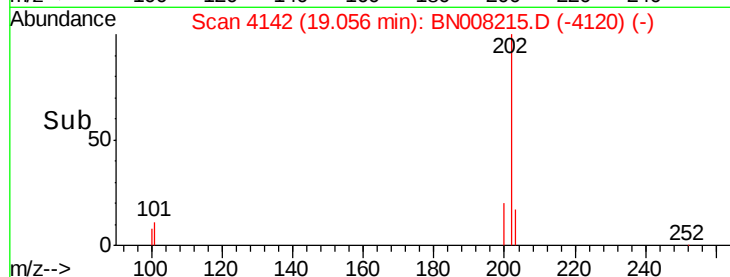
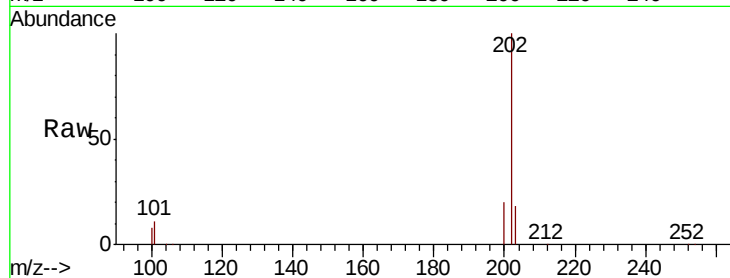
ClientSampleId :

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Tot Ion:	202	Resp:	302078
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.2
100	8.1	0.0	28.5

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#17

Pyrene

Concen: 3.608 ng/ul

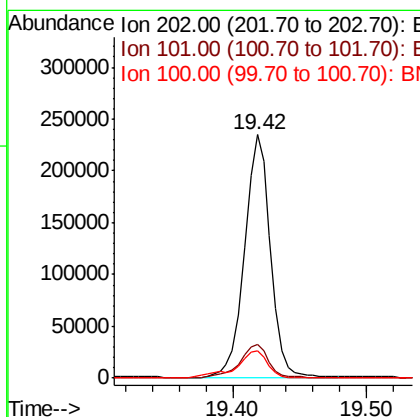
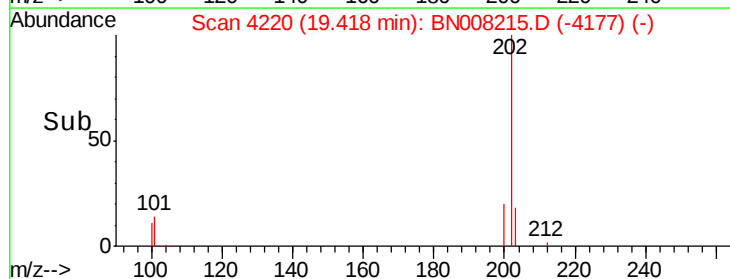
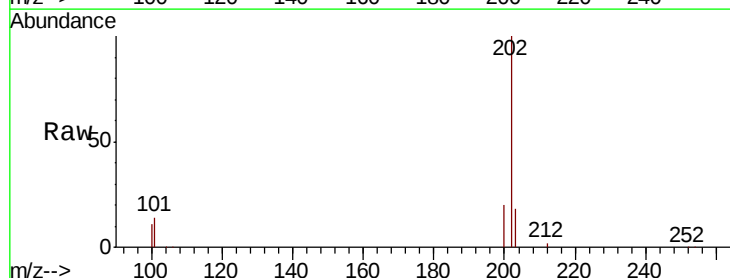
RT: 19.42 min Scan# 4220

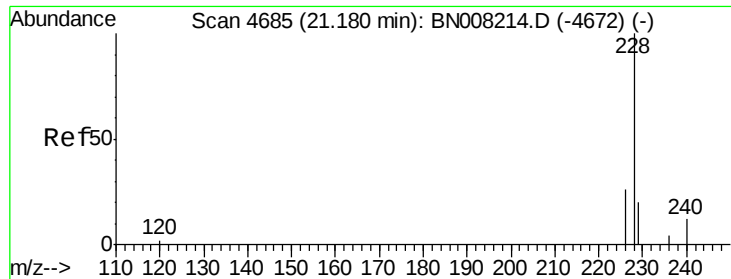
Delta R.T. 0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Tgt Ion:	202	Resp:	314915
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.9	16.3
100	11.2	8.7	13.1





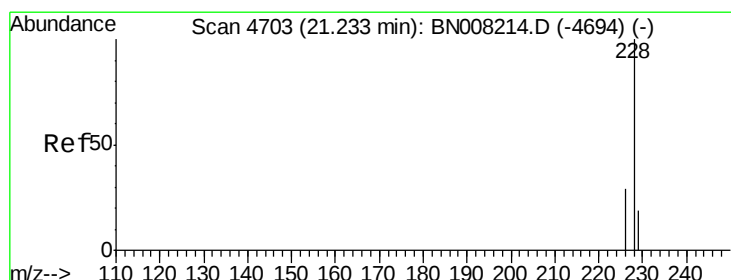
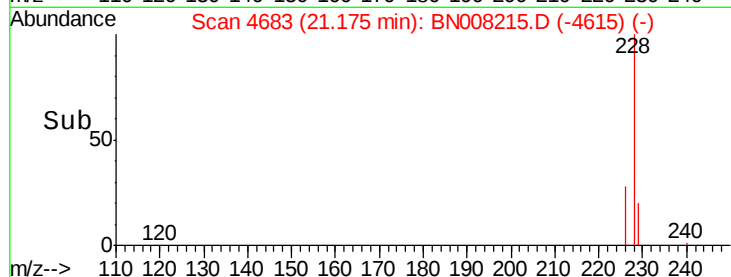
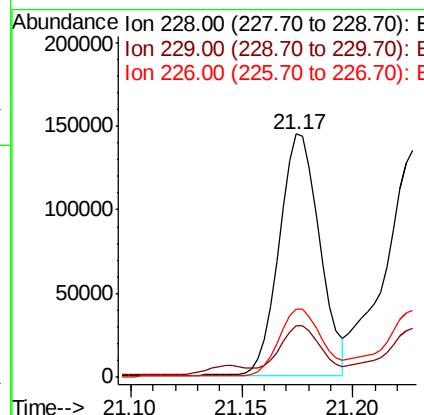
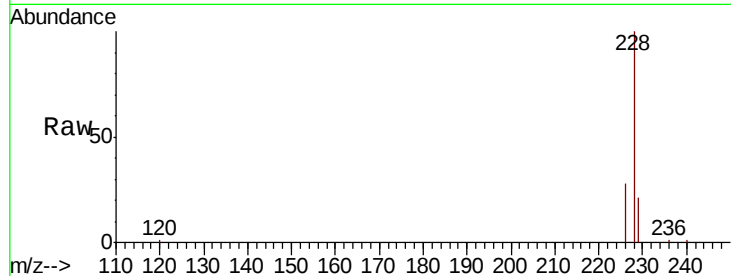
#18
Benzo(a)anthracene
Concen: 2.284 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.00 min
Lab File: BN008215.D
Acq: 17 Oct 2019 10:47

Instrument :
BNA_N
ClientSampleId :
BEPG2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	28.3	21.4	32.0

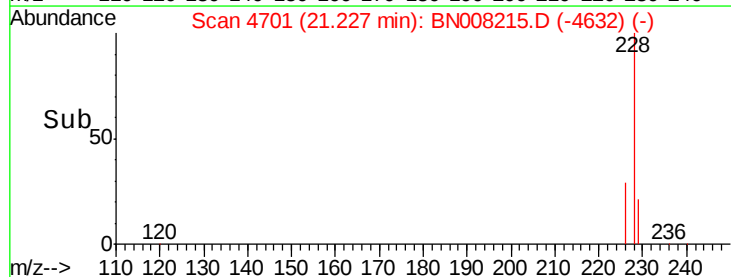
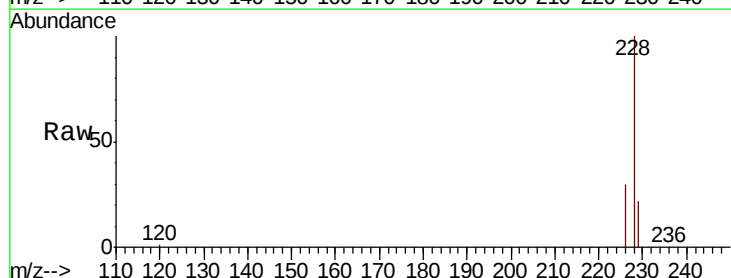
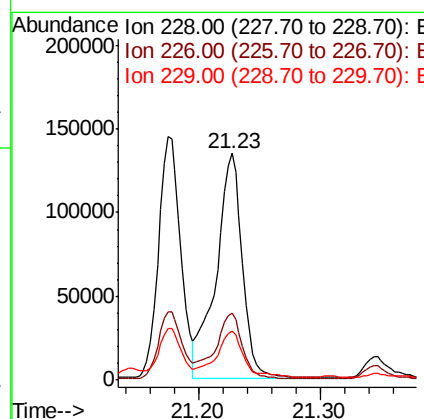
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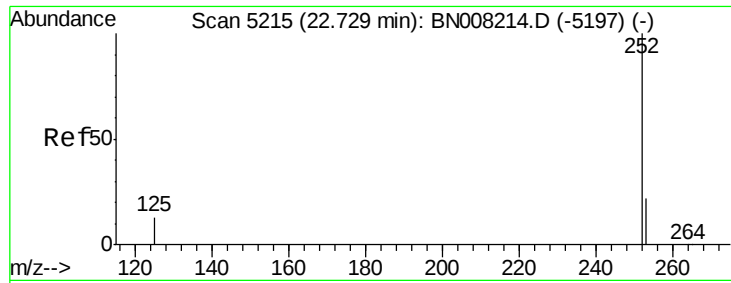
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#19
Chrysene
Concen: 2.068 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN008215.D
Acq: 17 Oct 2019 10:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.7	16.2	24.2





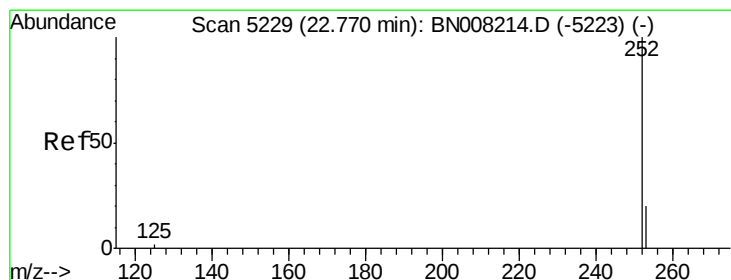
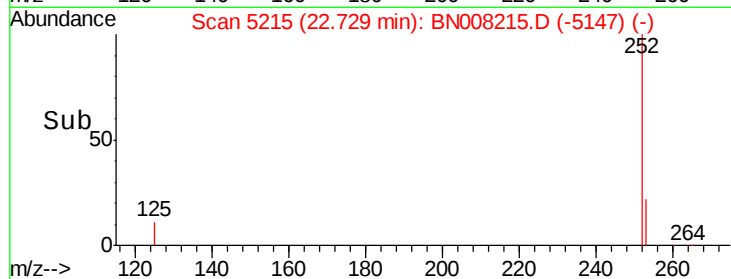
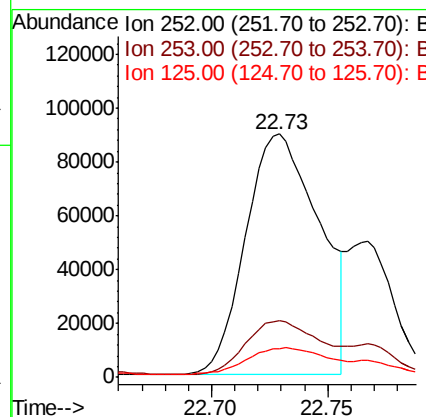
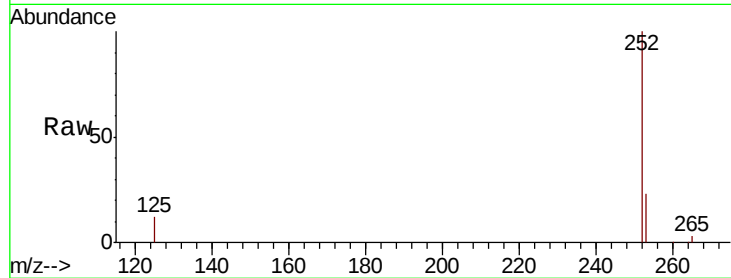
#21
Benzo(b)fluoranthene
Concen: 3.204 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. 0.00 min
Lab File: BN008215.D
Acq: 17 Oct 2019 10:47

Instrument :
BNA_N
ClientSampleId :
BEPG2DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	0.0	53.4
125	12.0	0.0	32.4

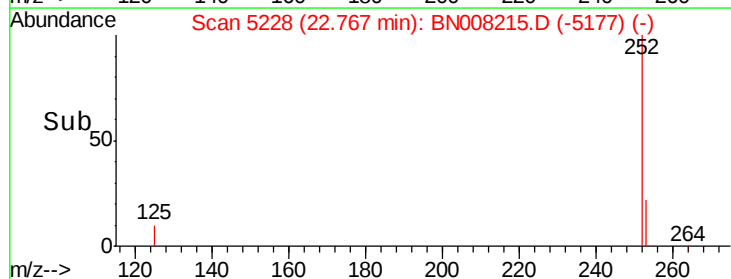
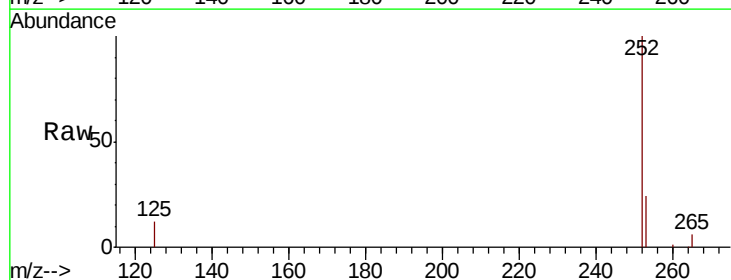
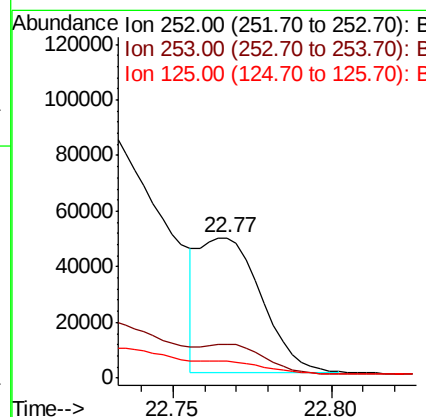
Manual Integrations
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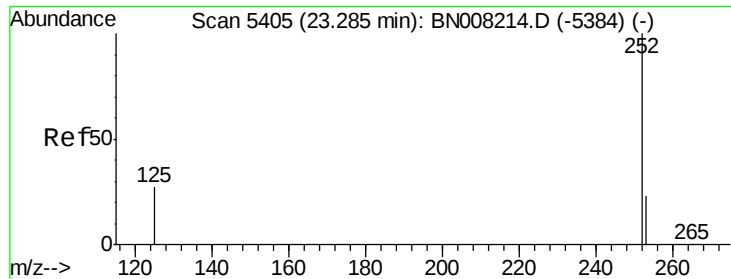
mohammad
10/20/2019 8:08:00 PM



#22
Benzo(k)fluoranthene
Concen: 0.958 ng/ul m
RT: 22.77 min Scan# 5228
Delta R.T. 0.00 min
Lab File: BN008215.D
Acq: 17 Oct 2019 10:47

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.4	21.3	31.9
125	12.2	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 2.222 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. -0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Instrument :

BNA_N

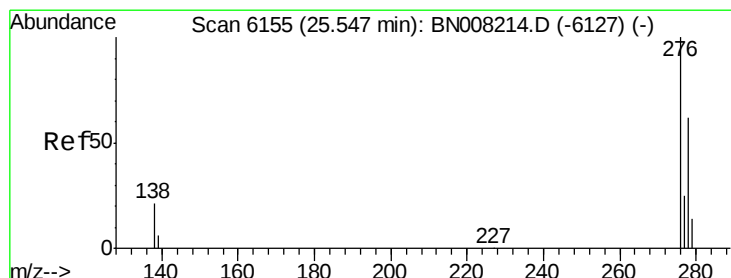
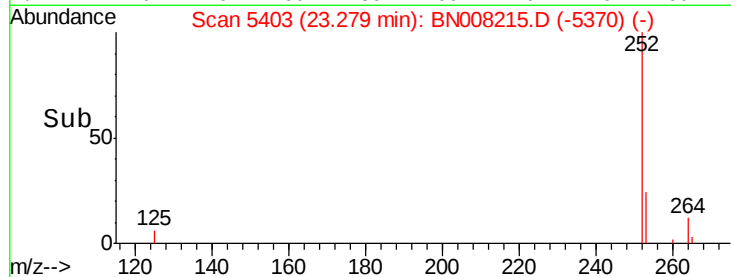
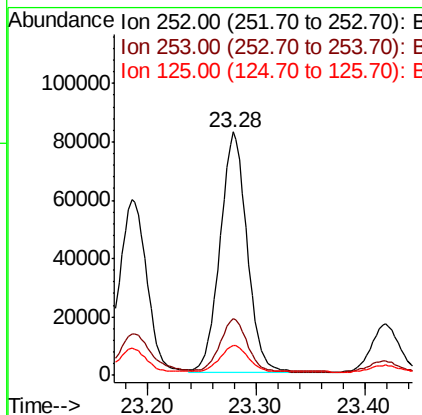
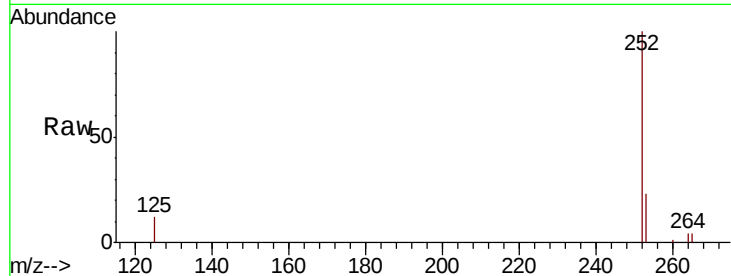
ClientSampleId :

BEPG2DL

Tot Ion:	252	Resp:	142629
Ion Ratio	Lower	Upper	
252	100		
253	23.5	22.8	34.2
125	12.4	18.4	27.6#

Manual Integrations
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10/20/2019 8:08:00 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.062 ng/ul

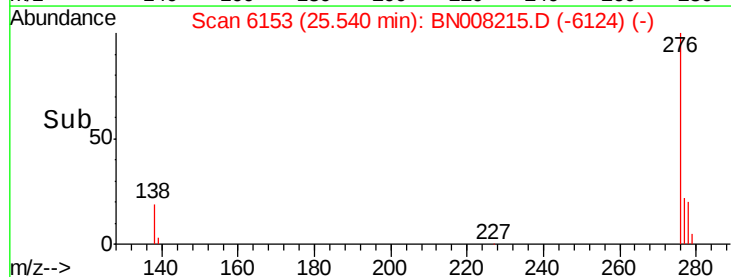
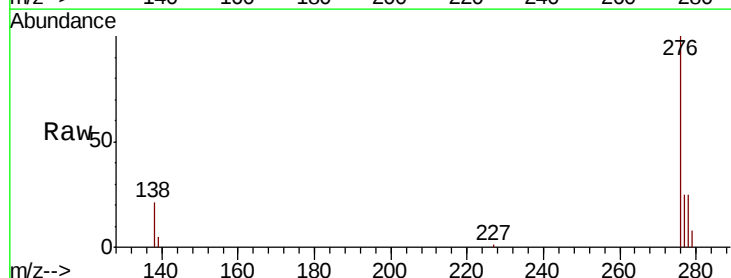
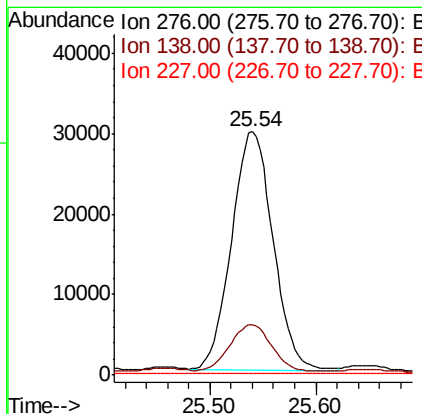
RT: 25.54 min Scan# 6153

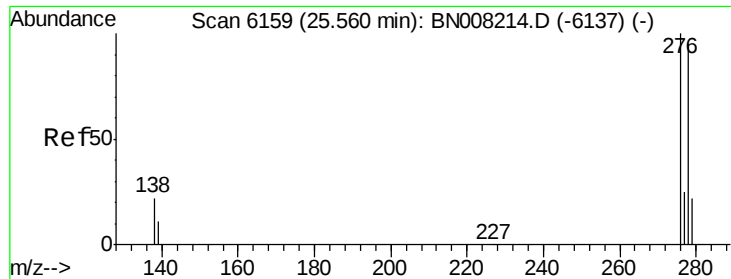
Delta R.T. -0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Tgt Ion:	276	Resp:	80296
Ion Ratio	Lower	Upper	
276	100		
138	19.9	16.1	24.1
227	0.2	0.2	0.2





#25

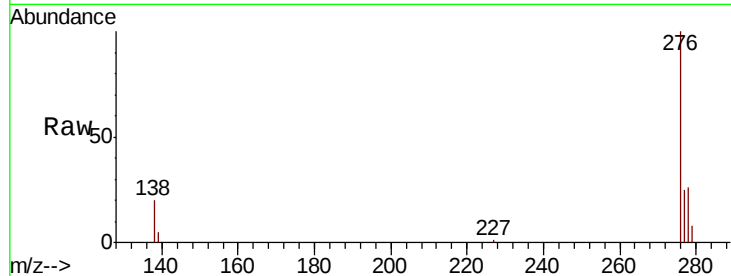
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. -0.01 min
Lab File: BN008215.D
Acq: 17 Oct 2019 10:47

Instrument :
BNA_N
ClientSampleId :
BEPG2DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.0	22.6
279	30.6	22.4	33.6

Manual Integrations
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mohammad
10/20/2019 8:08:00 PM

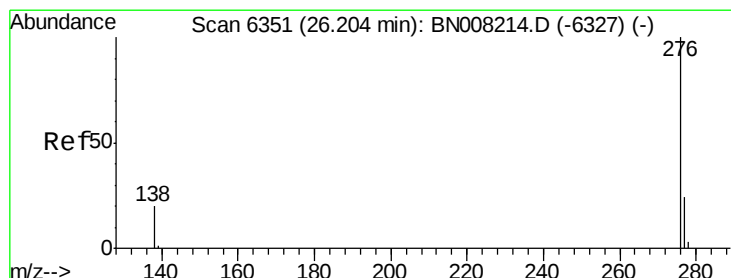
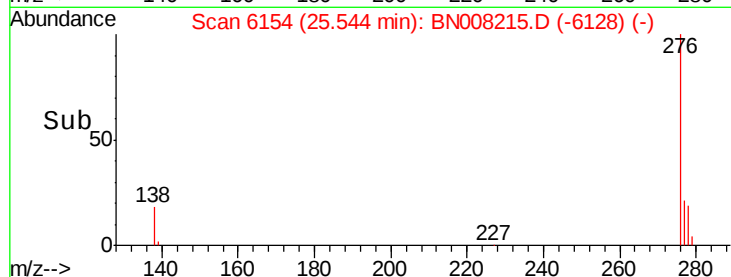
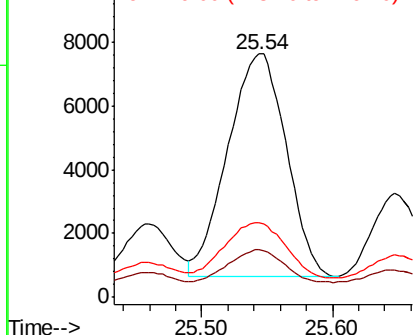


Abundance

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(g,h,i)perylene
Concen: 1.013 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.00 min
Lab File: BN008215.D
Acq: 17 Oct 2019 10:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.0	25.4
277	24.8	20.4	30.6

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

