

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008221.D
 Acq On : 17 Oct 2019 14:23
 Operator : JU
 Sample : K5175-11DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF8DL

Manual Integrations
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mohammad
 10/20/2019 8:08:46 PM

Quant Time: Oct 18 02:43:49 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	3317	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15747	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9880	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	20783m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16346	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12465	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1075	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	3346	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1268	0.028	ng/ul#	86
7) Acenaphthylene	13.95	152	4573	0.097	ng/ul	97
8) Acenaphthene	14.30	153	2034	0.056	ng/ul	97
9) Fluorene	15.30	166	2732	0.066	ng/ul#	97
12) Phenanthrene	17.03	178	62908	1.034	ng/ul	99
13) Anthracene	17.12	178	12754	0.238	ng/ul	99
15) Fluoranthene	19.05	202	180316	2.244	ng/ul	96
17) Pyrene	19.42	202	179783	2.762	ng/ul	100
18) Benzo(a)anthracene	21.17	228	90565	1.524	ng/ul	98
19) Chrysene	21.23	228	98301	1.348	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	95165m	2.345	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	29559m	0.643	ng/ul	
23) Benzo(a)pyrene	23.28	252	64327	1.506	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.54	276	41947	0.834	ng/ul	97
25) Dibenzo(a,h)anthracene	25.54	278	10041	0.253	ng/ul	92
26) Benzo(a,h,i)perylene	26.20	276	33371	0.724	ng/ul	99

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

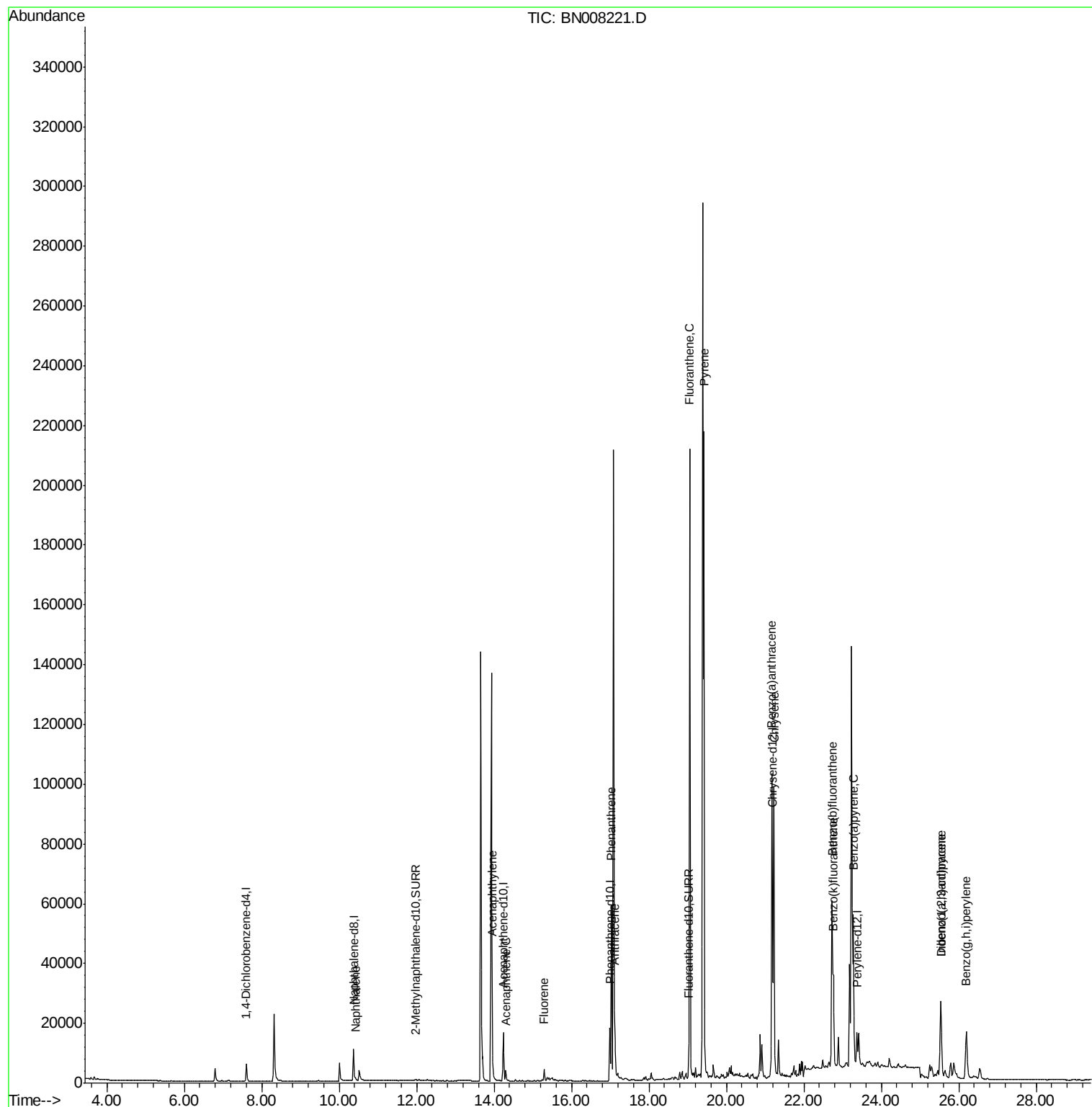
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008221.D
Acq On : 17 Oct 2019 14:23
Operator : JU
Sample : K5175-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

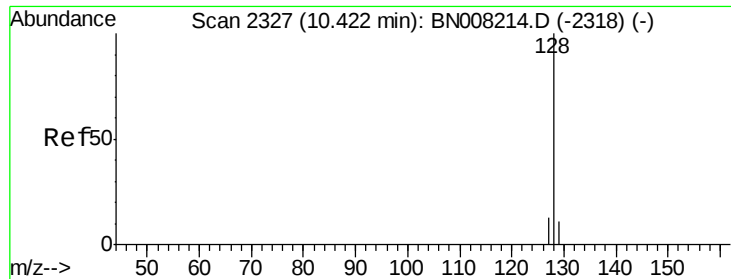
Instrument :
BNA_N
ClientSampleId :
BEPF8DL

Manual Integrations
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Quant Time: Oct 18 02:43:49 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





#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Instrument :

BNA_N

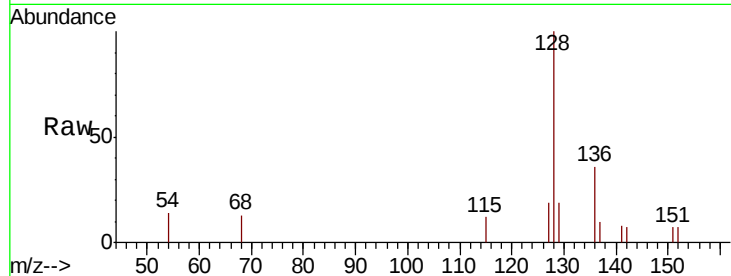
ClientSampled :

BEPF8DL

Tot Ion:	128	Resp:	1268
Ion Ratio	Lower	Upper	
128	100		
129	18.8	9.8	14.8#
127	18.5	11.1	16.7#

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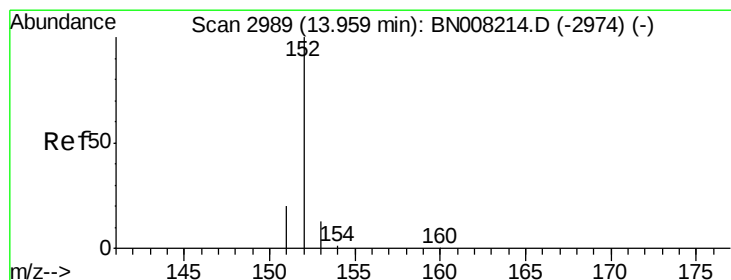
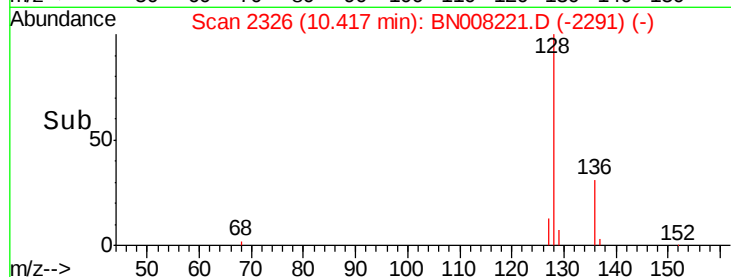
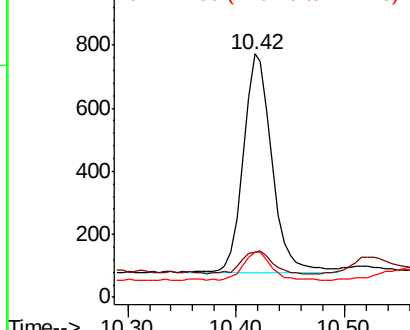


Abundance

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



#7

Acenaphthylene

Concen: 0.097 ng/ul

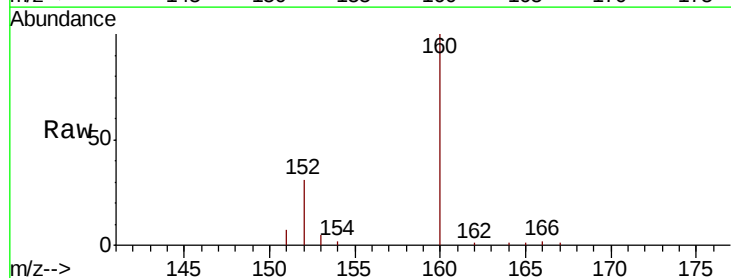
RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Tgt Ion:	152	Resp:	4573
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.2	24.4
153	15.2	11.0	16.4

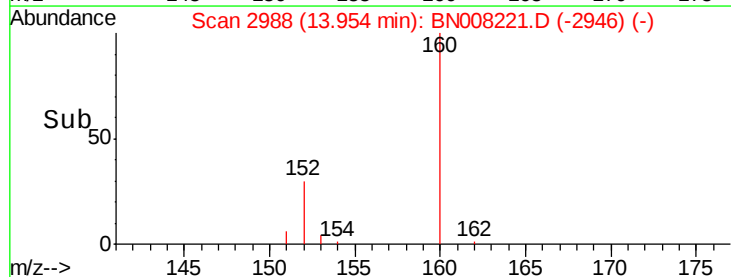
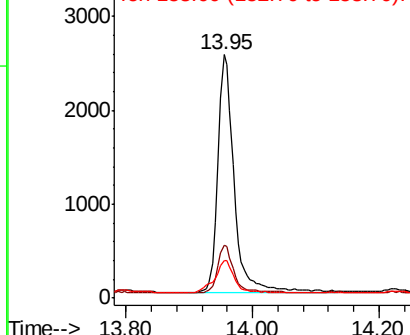


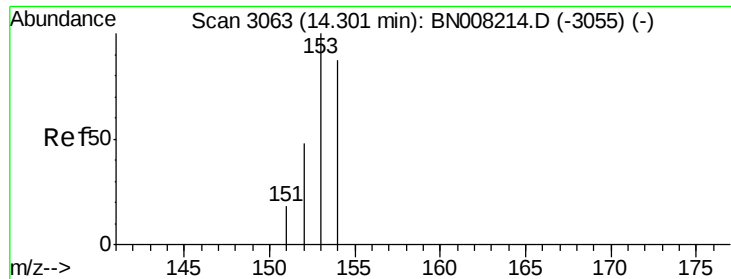
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.056 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Instrument :

BNA_N

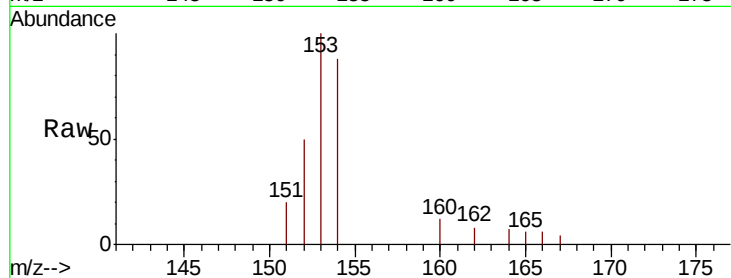
ClientSampleId :

BEPF8DL

Tot Ion:	153	Resp:	2034
Ion	Ratio	Lower	Upper
153	100		
152	50.3	38.2	57.2
154	88.0	71.8	107.8

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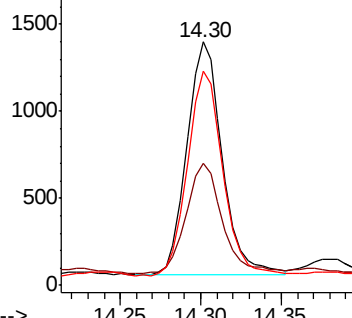


Abundance

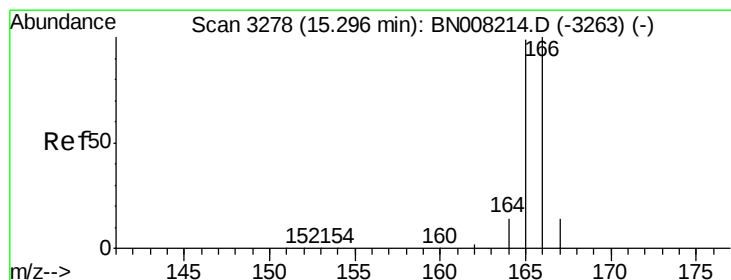
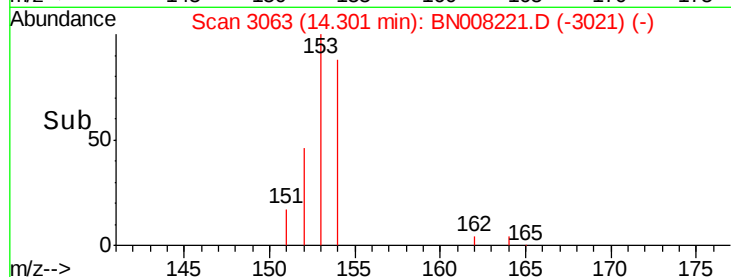
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.066 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

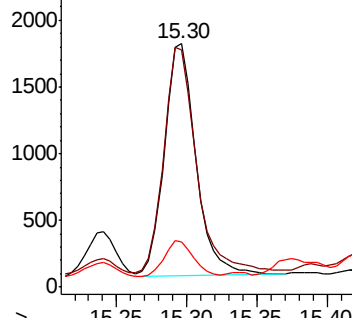
Tgt Ion:	166	Resp:	2732
Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.6	115.0
167	18.6	11.7	17.5#

Abundance

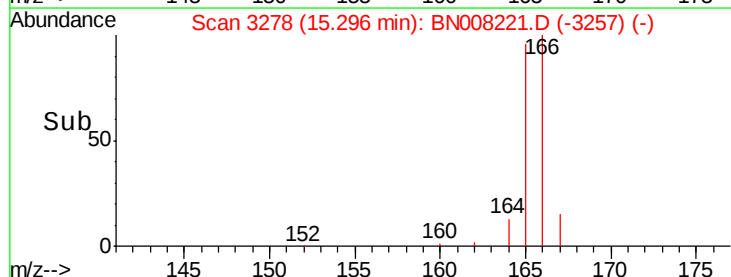
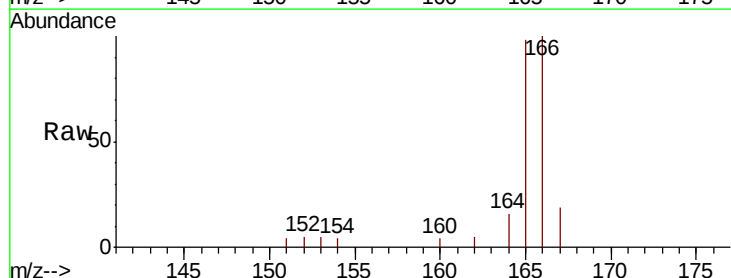
Ion 166.00 (165.70 to 166.70): E

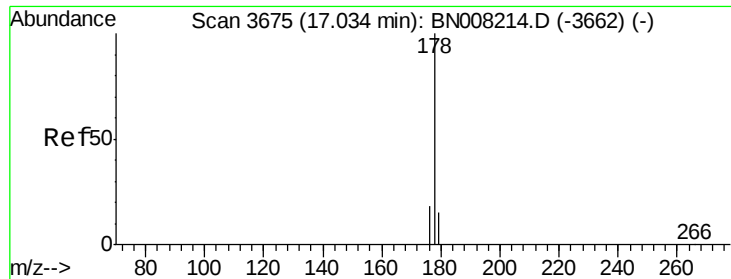
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





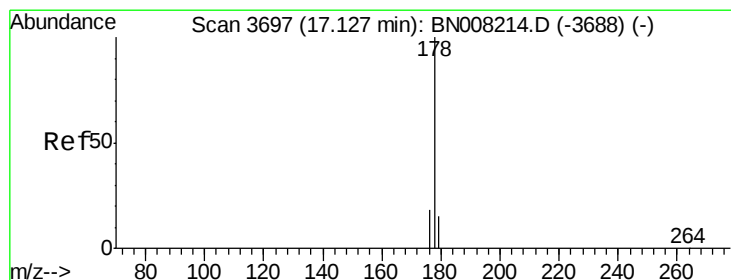
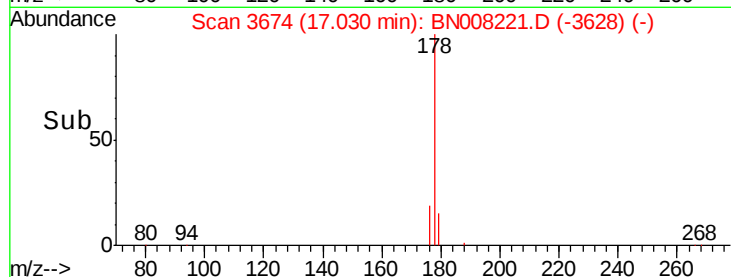
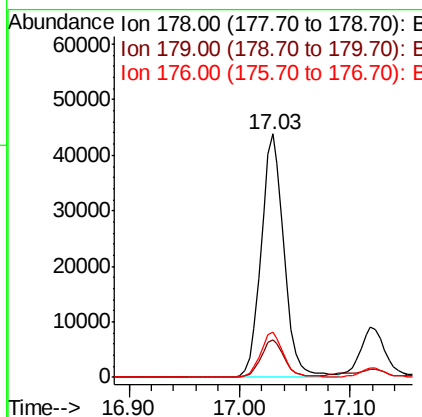
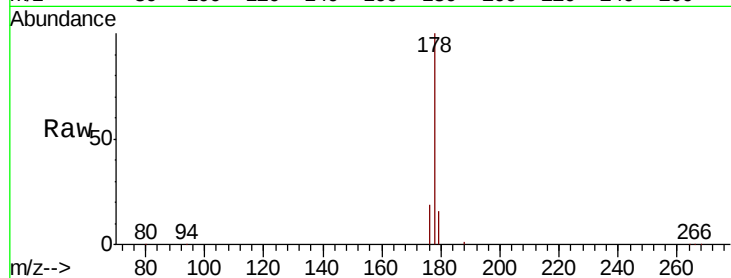
#12
Phenanthrene
Concen: 1.034 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008221.D
Acq: 17 Oct 2019 14:23

Instrument :
BNA_N
ClientSampleId :
BEPF8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.7	15.4	23.2

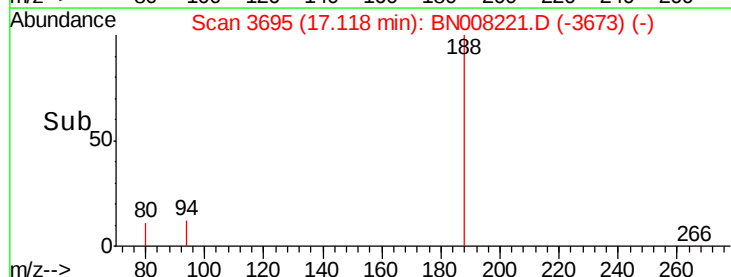
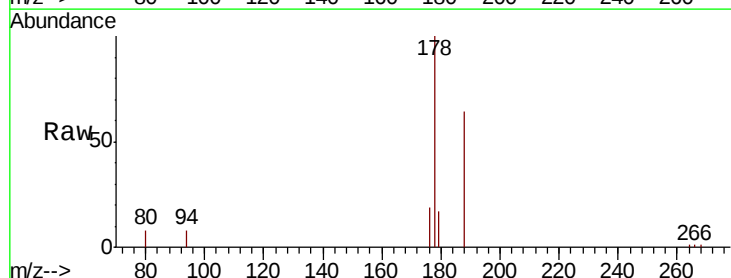
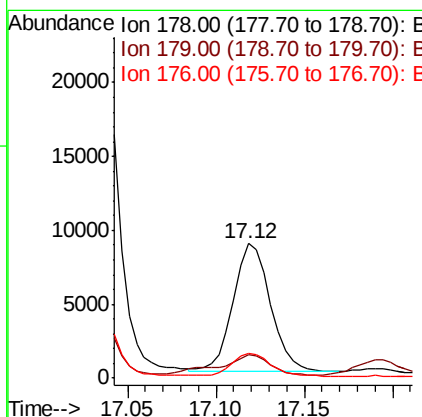
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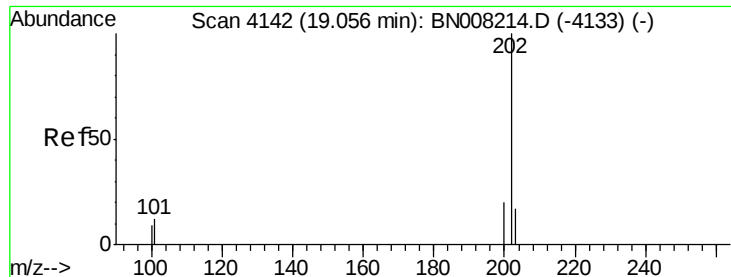
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#13
Anthracene
Concen: 0.238 ng/ul
RT: 17.12 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BN008221.D
Acq: 17 Oct 2019 14:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.0	19.6
176	18.8	15.0	22.6





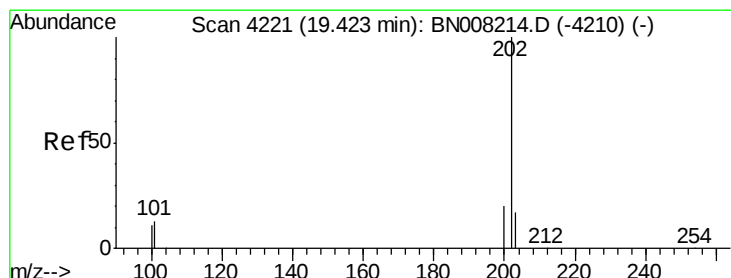
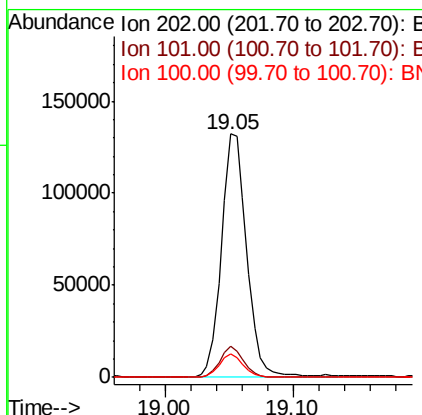
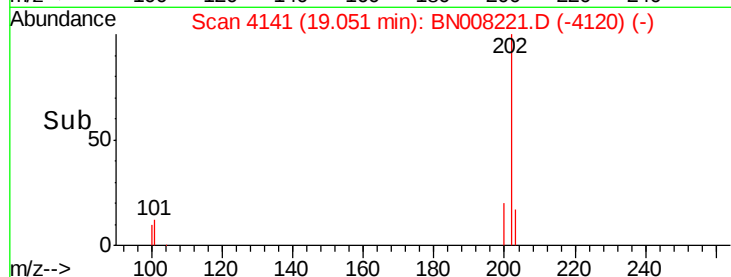
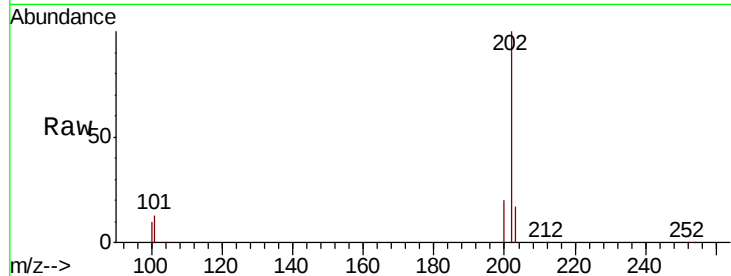
#15
Fluoranthene
 Concen: 2.244 ng/ul
 RT: 19.05 min Scan# 4141
 Delta R.T. -0.00 min
 Lab File: BN008221.D
 Acq: 17 Oct 2019 14:23

Instrument :
 BNA_N
 ClientSampleId :
 BEPF8DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	31.2
100	9.7	0.0	28.5

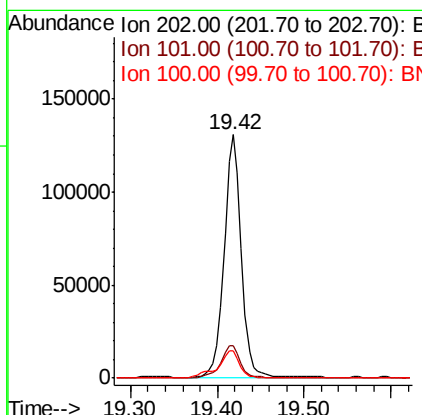
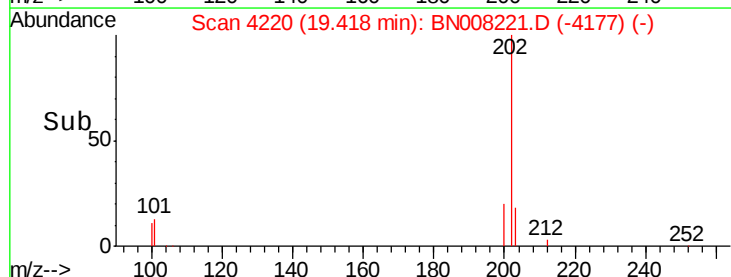
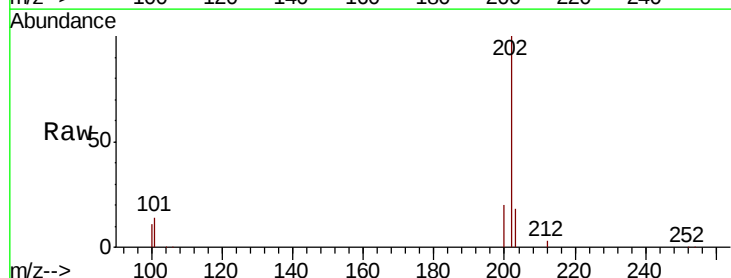
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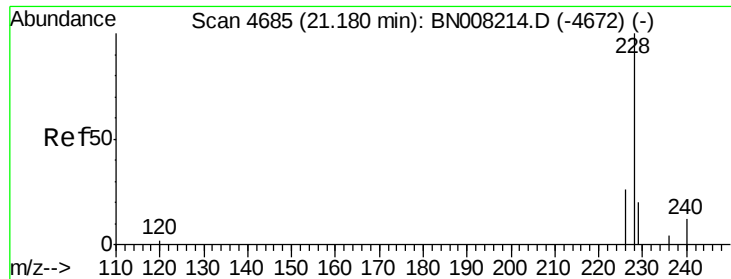
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#17
Pyrene
 Concen: 2.762 ng/ul
 RT: 19.42 min Scan# 4220
 Delta R.T. 0.00 min
 Lab File: BN008221.D
 Acq: 17 Oct 2019 14:23

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	10.9	16.3
100	11.1	8.7	13.1





#18

Benzo(a)anthracene

Concen: 1.524 ng/ul

RT: 21.17 min Scan# 4683

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Instrument :

BNA_N

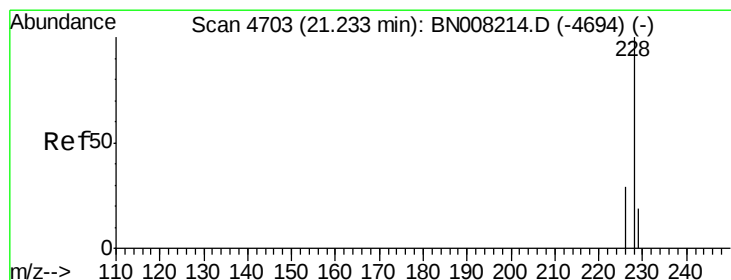
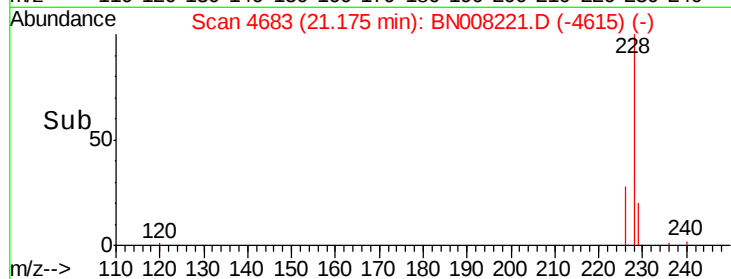
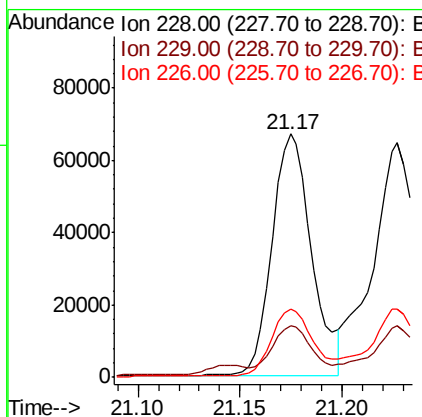
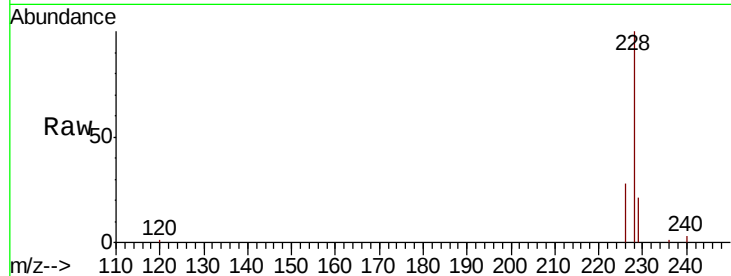
ClientSampleId :

BEPF8DL

Tot Ion:	228	Resp:	90565
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.2	24.2
226	28.2	21.4	32.0

Manual Integrations
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#19

Chrysene

Concen: 1.348 ng/ul

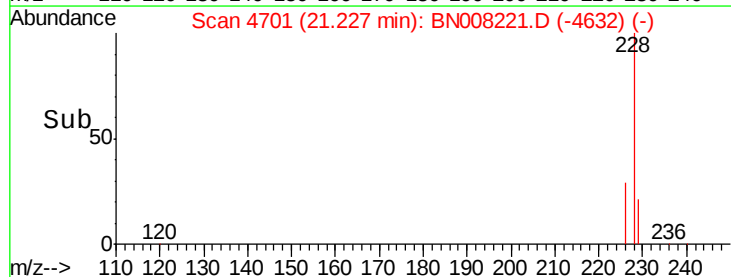
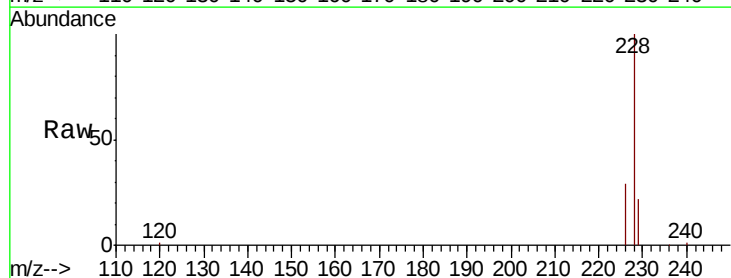
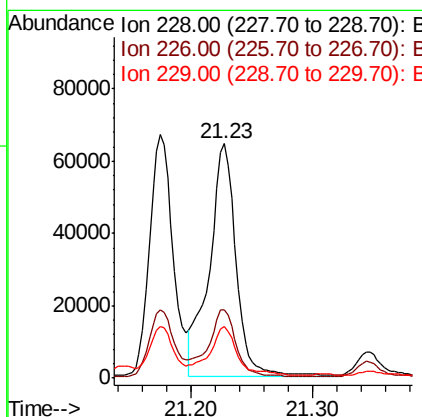
RT: 21.23 min Scan# 4701

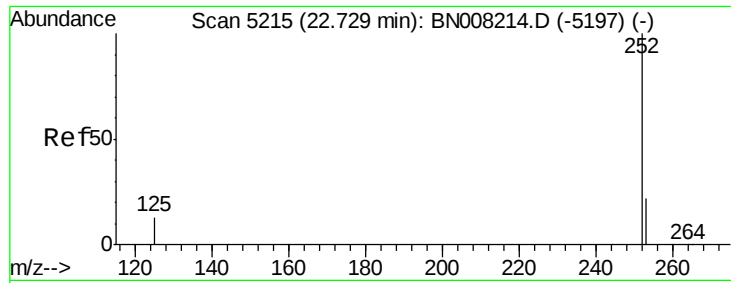
Delta R.T. 0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Tgt Ion:	228	Resp:	98301
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.1	36.1
229	21.8	16.2	24.2





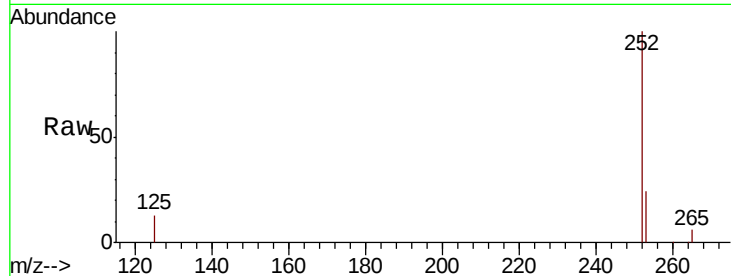
#21
Benzo(b)fluoranthene
Concen: 2.345 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. -0.00 min
Lab File: BN008221.D
Acq: 17 Oct 2019 14:23

Instrument :
BNA_N
ClientSampleId :
BEPF8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	53.4
125	12.6	0.0	32.4

Manual Integrations
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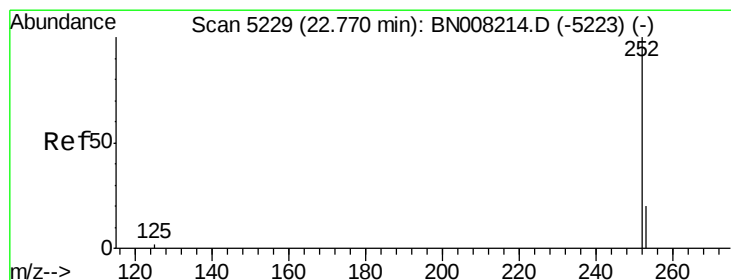
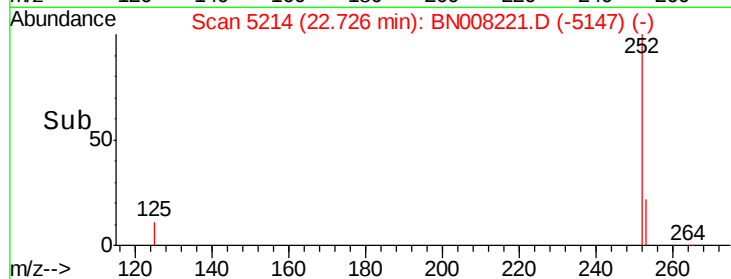
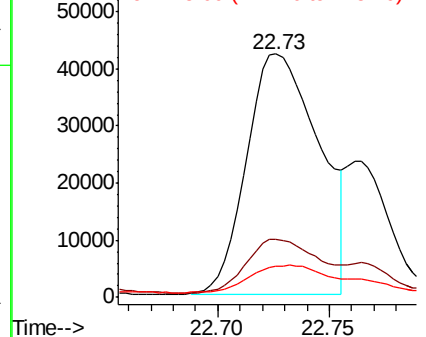


Abundance

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



#22
Benzo(k)fluoranthene
Concen: 0.643 ng/ul m
RT: 22.76 min Scan# 5226
Delta R.T. -0.01 min
Lab File: BN008221.D
Acq: 17 Oct 2019 14:23

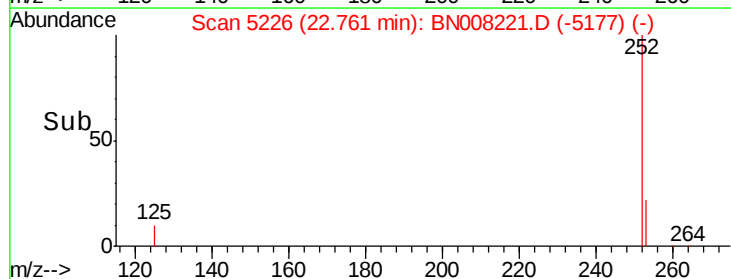
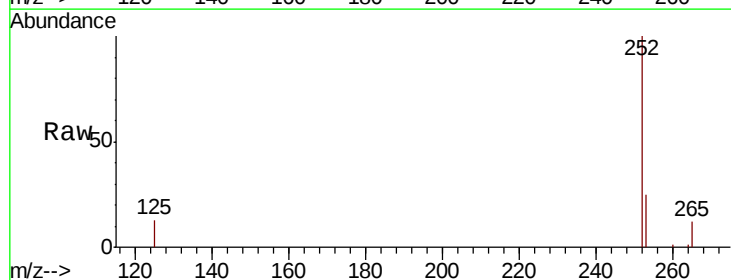
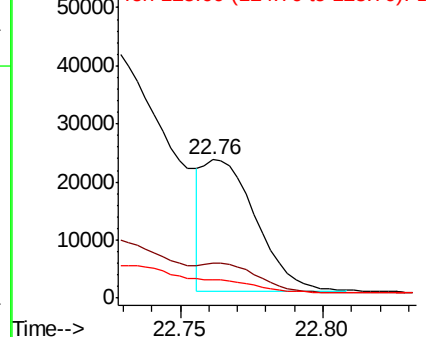
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.3	31.9
125	13.3	12.3	18.5

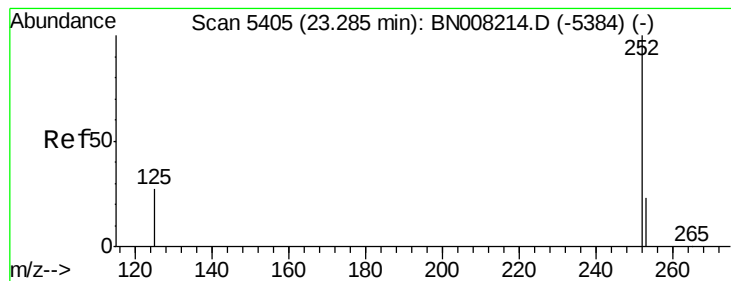
Abundance

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: 1.506 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Instrument :

BNA_N

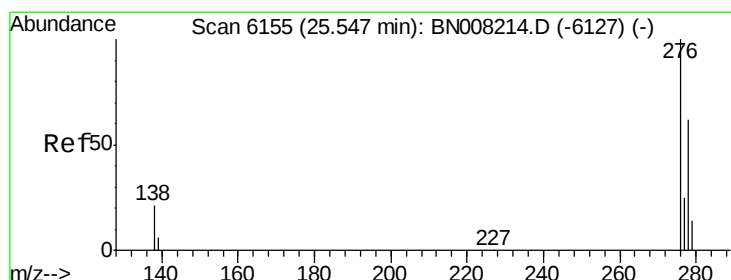
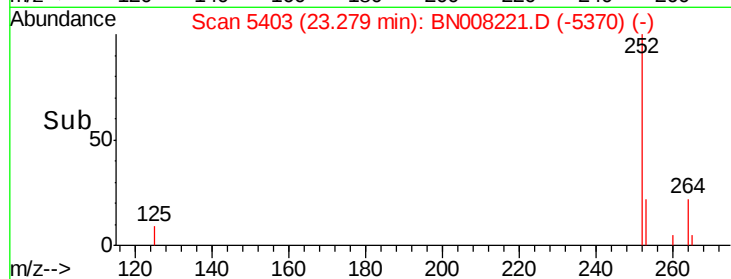
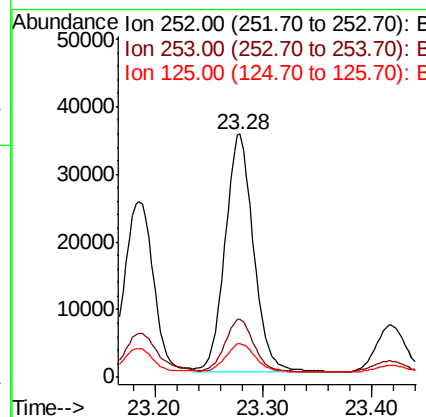
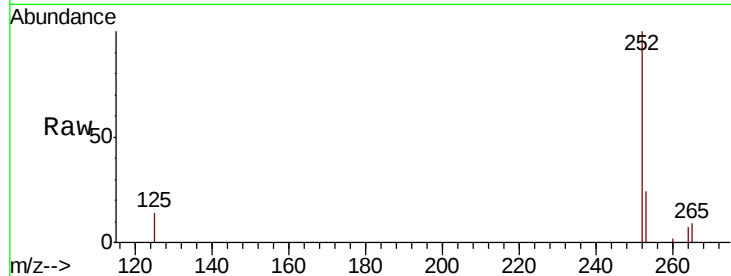
ClientSampleId :

BEPF8DL

Tot Ion:	252	Resp:	64327
Ion Ratio	Lower	Upper	
252	100		
253	23.9	22.8	34.2
125	14.1	18.4	27.6#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.834 ng/ul

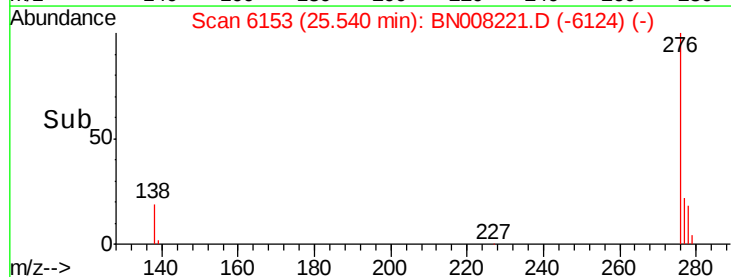
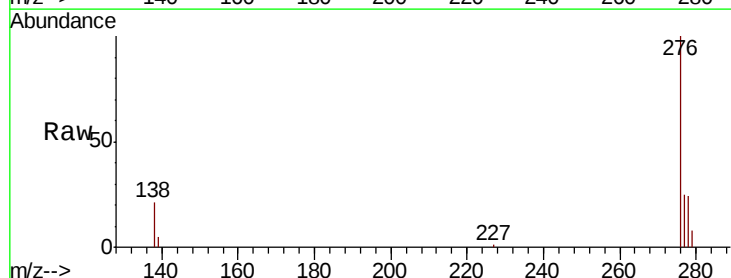
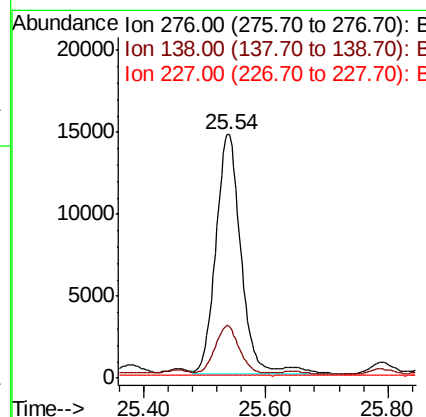
RT: 25.54 min Scan# 6153

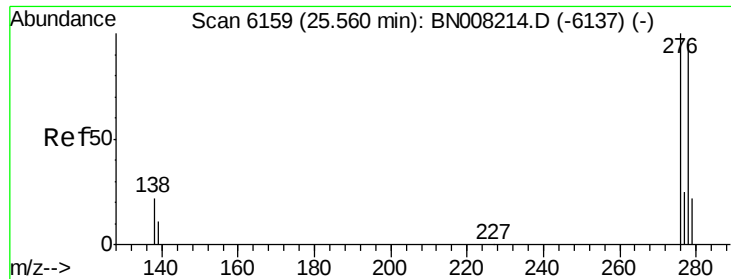
Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Tgt Ion:	276	Resp:	41947
Ion Ratio	Lower	Upper	
276	100		
138	18.6	16.1	24.1
227	0.2	0.2	0.2





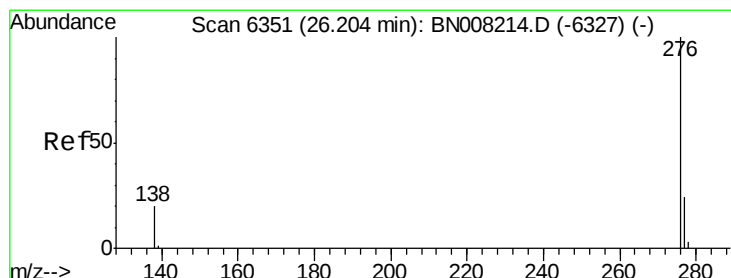
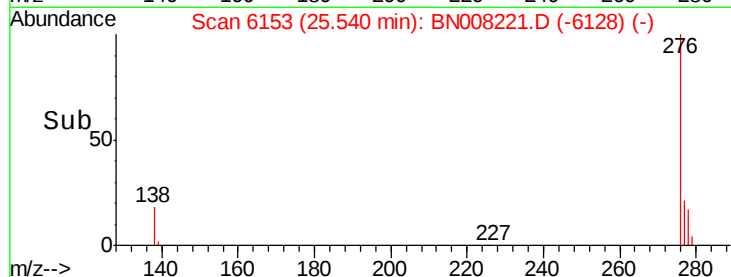
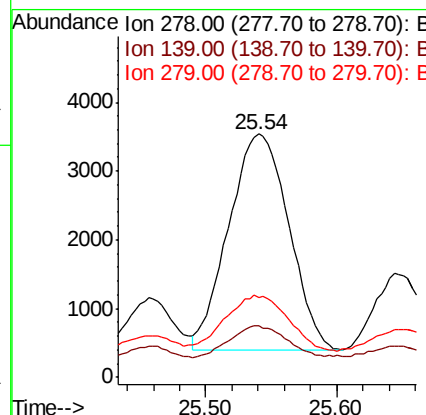
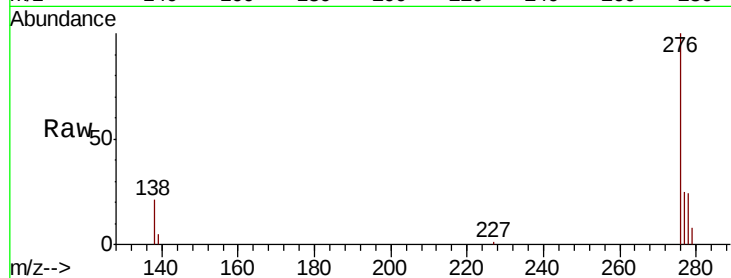
#25
Dibenzo(a,h)anthracene
Concen: 0.253 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.02 min
Lab File: BN008221.D
Acq: 17 Oct 2019 14:23

Instrument :
BNA_N
ClientSampleId :
BEPF8DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.0	22.6
279	33.0	22.4	33.6

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.724 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.00 min
Lab File: BN008221.D
Acq: 17 Oct 2019 14:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.0	25.4
277	25.2	20.4	30.6

