

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008220.D
 Acq On : 17 Oct 2019 13:47
 Operator : JU
 Sample : K5175-10DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF7DL

Manual Integrations
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Quant Time: Oct 18 02:39:38 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	7.61	152	2843	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13662	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8721	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18363m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	15638	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11698	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	881	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	2777	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1242	0.032	ng/ul#	85
5) 2-Methylnaphthalene	12.05	142	880	0.033	ng/ul	98
7) Acenaphthylene	13.96	152	2553	0.061	ng/ul#	91
8) Acenaphthene	14.30	153	1872	0.058	ng/ul	97
9) Fluorene	15.30	166	1859	0.051	ng/ul#	93
12) Phenanthrene	17.03	178	42672	0.794	ng/ul	99
13) Anthracene	17.12	178	7796	0.165	ng/ul	97
15) Fluoranthene	19.06	202	82814	1.166	ng/ul	100
17) Pyrene	19.42	202	100124	1.608	ng/ul	100
18) Benzo(a)anthracene	21.17	228	52729	0.927	ng/ul	97
19) Chrysene	21.23	228	57921	0.830	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	45818m	1.203	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	13134m	0.304	ng/ul	
23) Benzo(a)pyrene	23.28	252	34931	0.872	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.54	276	19102	0.405	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	5014	0.134	ng/ul#	80
26) Benzo(a,h,i)perylene	26.19	276	17287	0.399	ng/ul	97

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

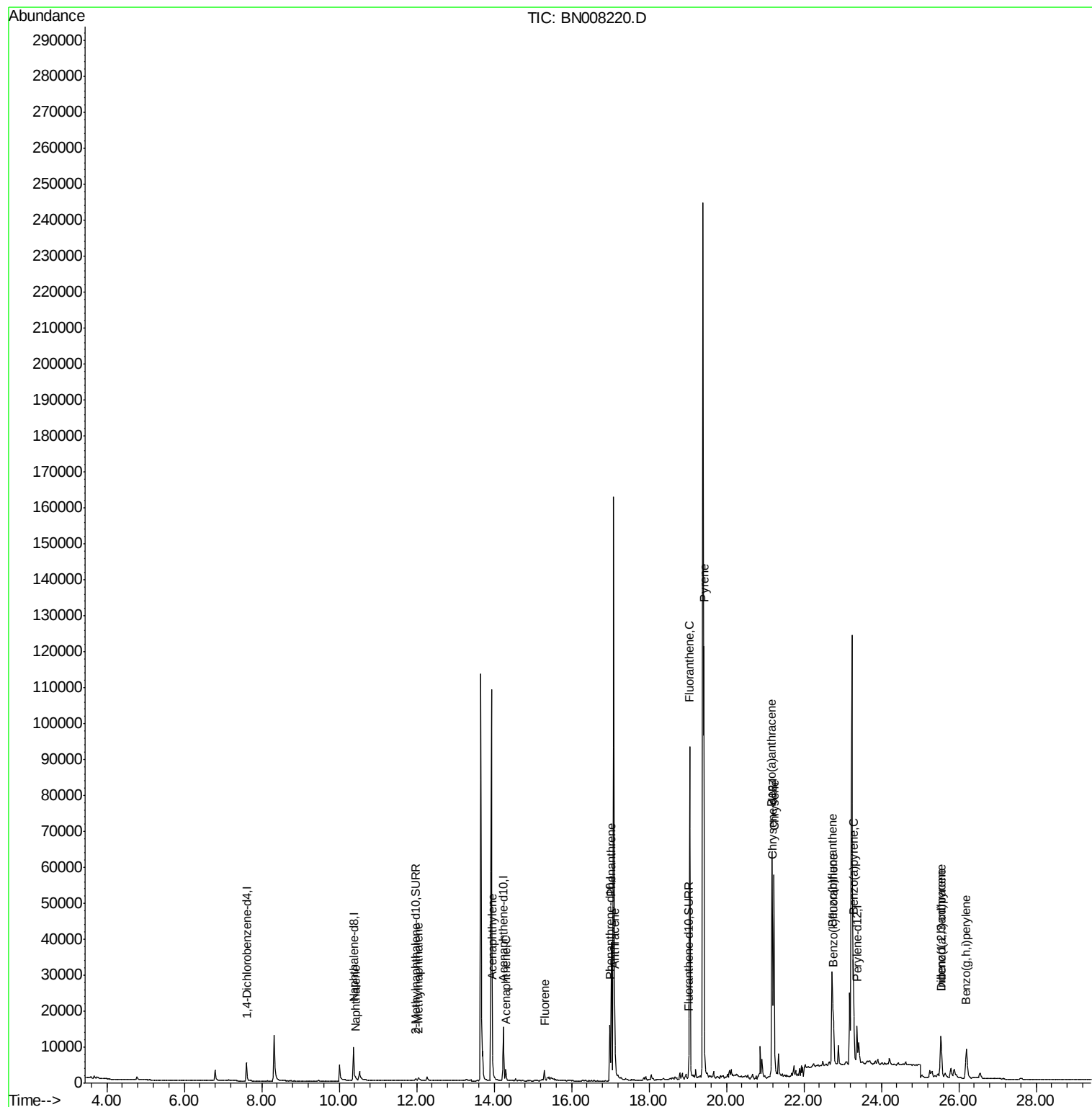
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008220.D
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ALS Vial : 8 Sample Multiplier: 1

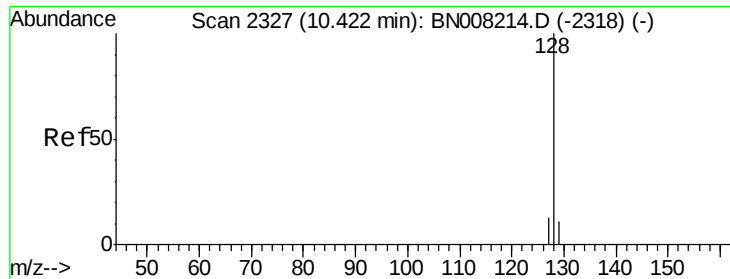
Instrument :
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Quant Time: Oct 18 02:39:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

Instrument :

BNA_N

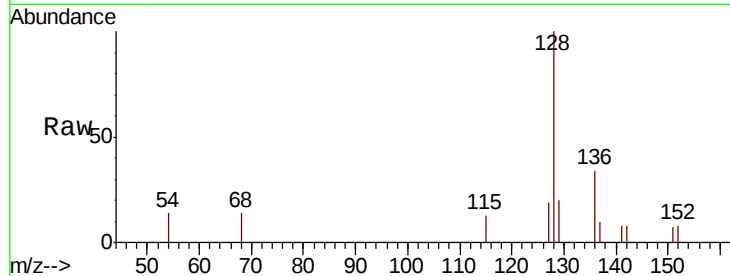
ClientSampleId :

BEPF7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	20.1	9.8	14.8#
127	18.5	11.1	16.7#

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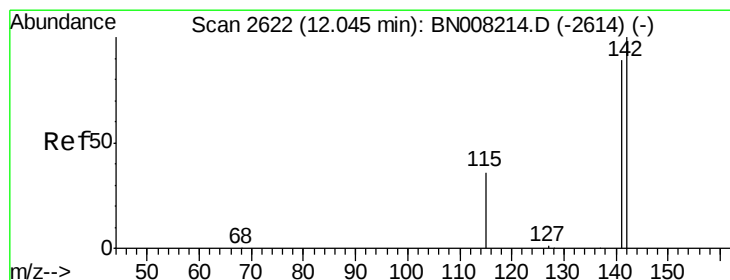
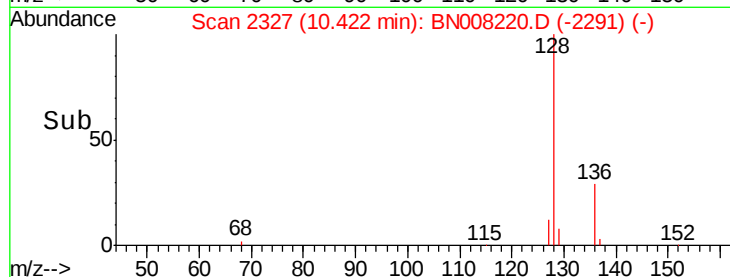
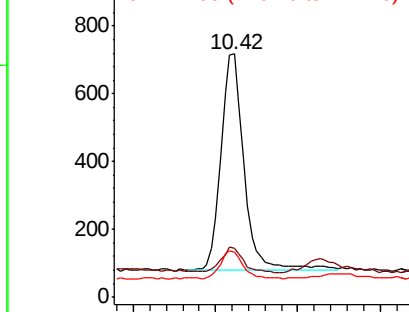


Abundance

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



#5

2-Methylnaphthalene

Concen: 0.033 ng/ul

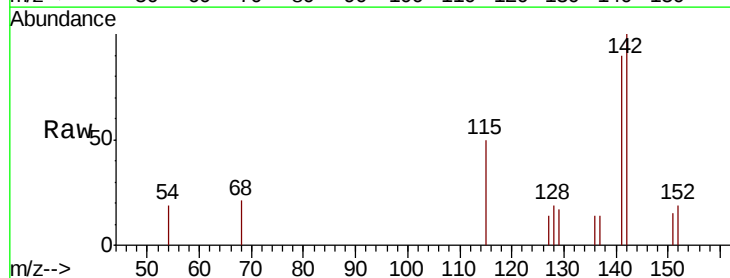
RT: 12.05 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

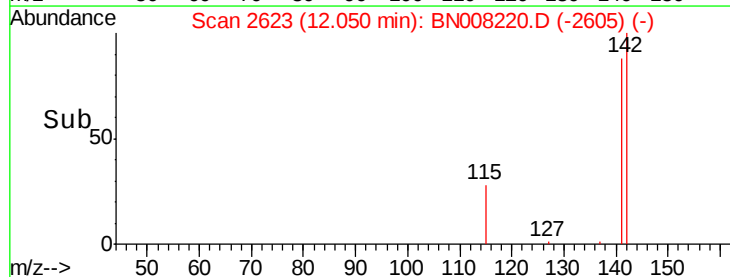
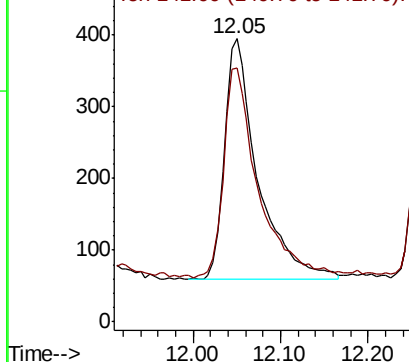
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.4	107.2

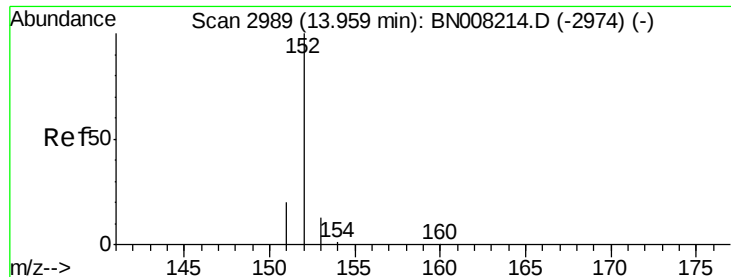


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.061 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

Instrument :

BNA_N

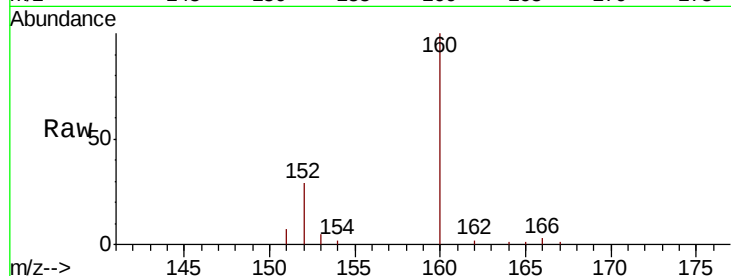
ClientSampleId :

BEPF7DL

Tot Ion:	152	Resp:	2553
Ion Ratio	Lower	Upper	
152	100		
151	23.7	16.2	24.4
153	18.1	11.0	16.4#

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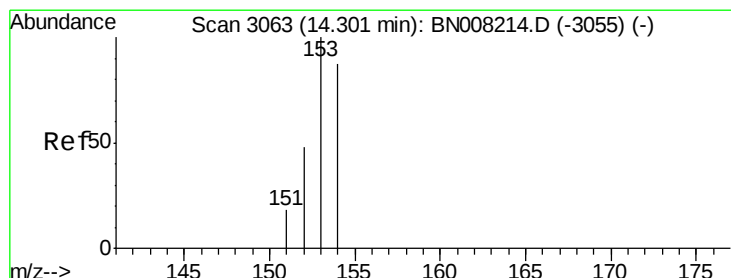
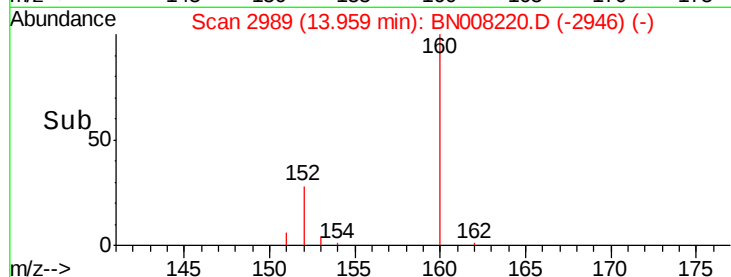
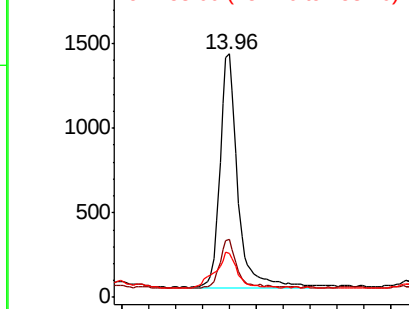


Abundance

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: 0.058 ng/ul

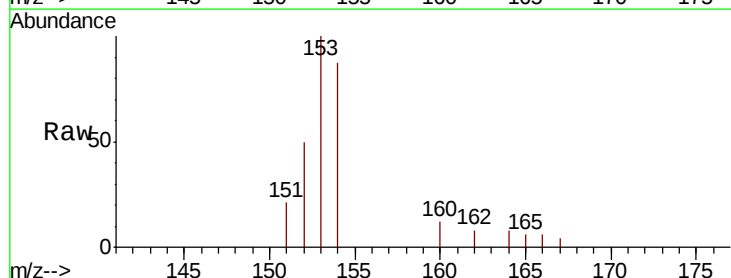
RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

Tgt Ion:	153	Resp:	1872
Ion Ratio	Lower	Upper	
153	100		
152	50.3	38.2	57.2
154	87.0	71.8	107.8

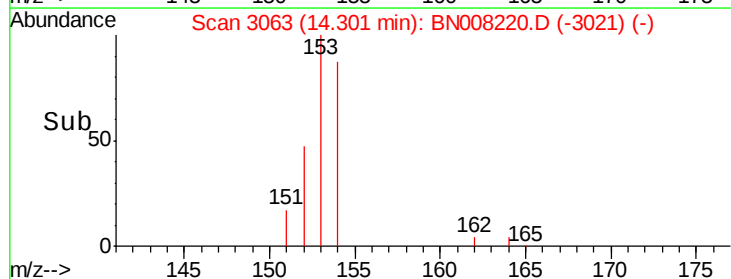
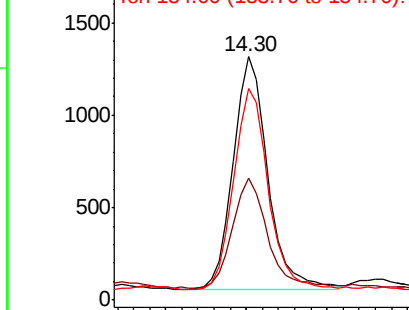


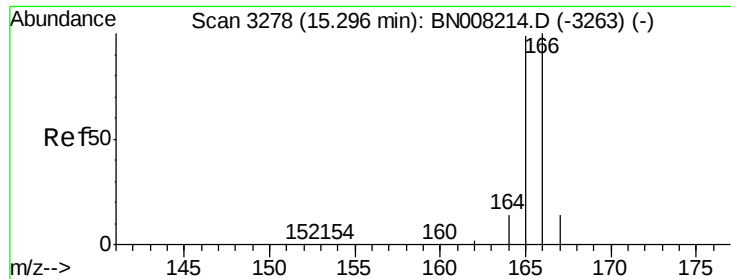
Abundance

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





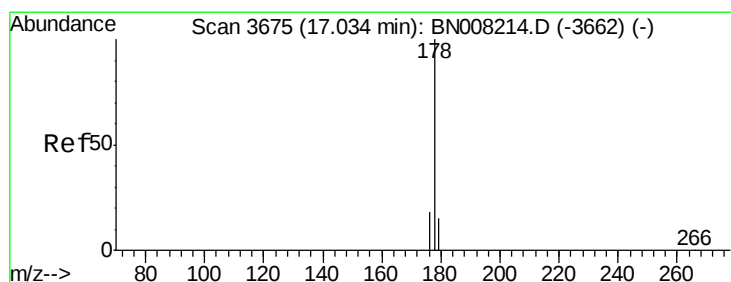
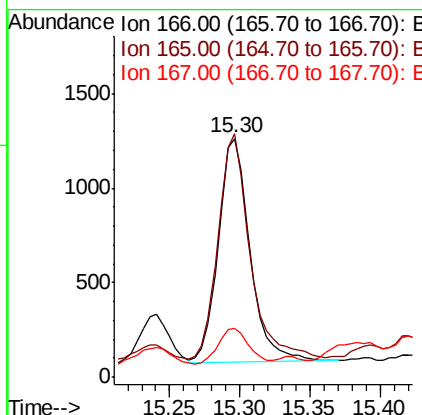
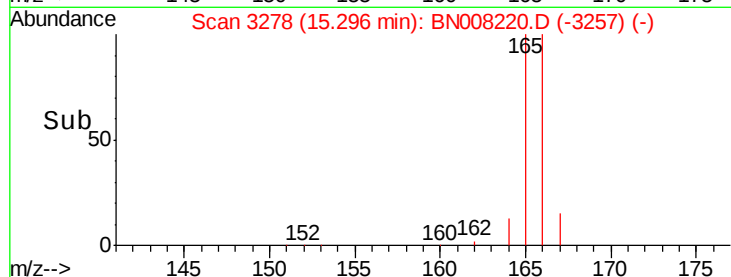
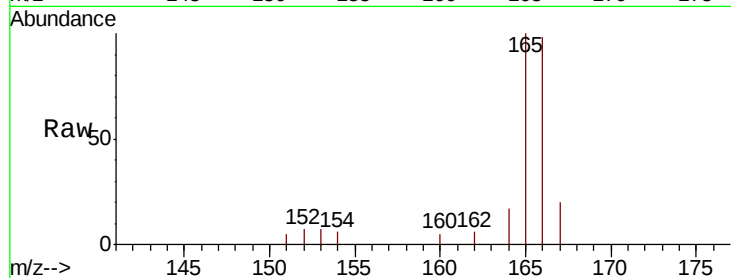
#9
Fluorene
 Concen: 0.051 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008220.D
 Acq: 17 Oct 2019 13:47

Instrument :
 BNA_N
 ClientSampleId :
 BEPF7DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1859		
165	101.8	76.6	115.0		
167	20.7	11.7	17.5#		

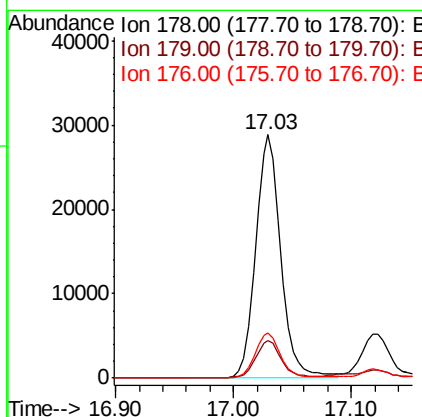
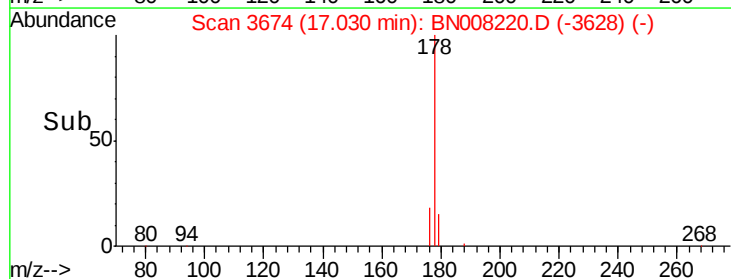
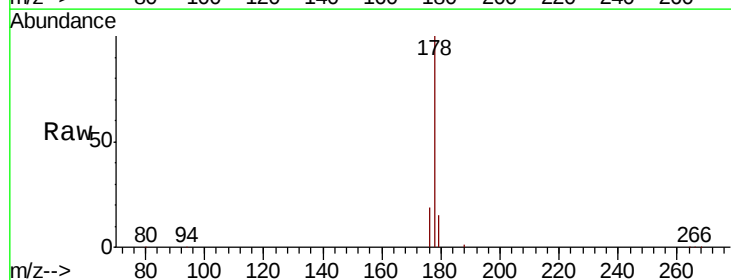
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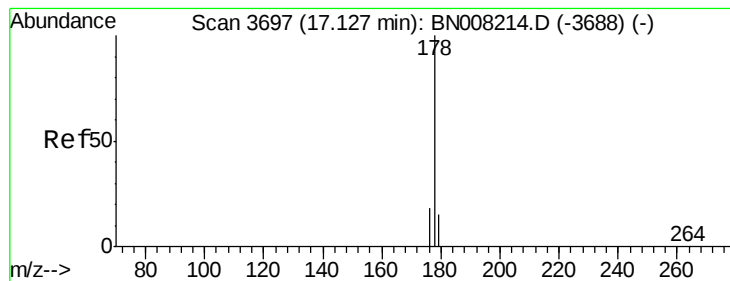
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#12
Phenanthrene
 Concen: 0.794 ng/ul
 RT: 17.03 min Scan# 3674
 Delta R.T. -0.00 min
 Lab File: BN008220.D
 Acq: 17 Oct 2019 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		42672		
179	15.4	12.8	19.2		
176	18.6	15.4	23.2		





#13

Anthracene

Concen: 0.165 ng/ul

RT: 17.12 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

Instrument :

BNA_N

ClientSampleId :

BEPF7DL

Tot Ion:178 Resp: 7796

Ion Ratio Lower Upper

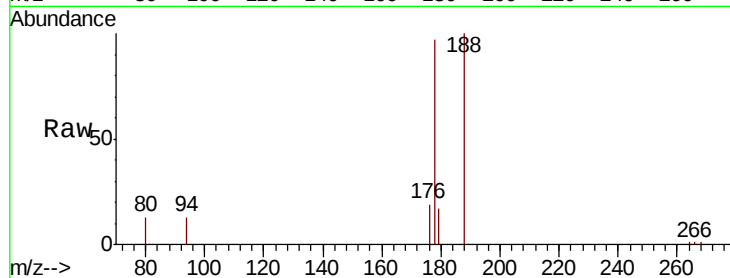
178 100

179 17.9 13.0 19.6

176 19.8 15.0 22.6

Manual Integrations
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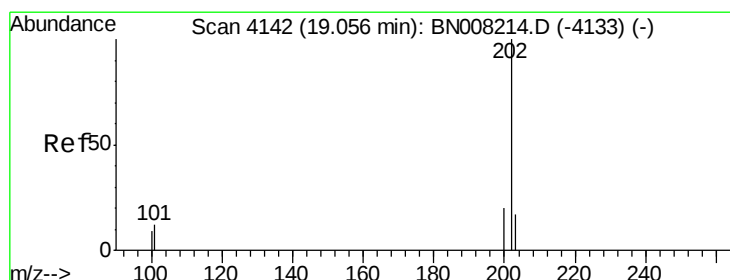
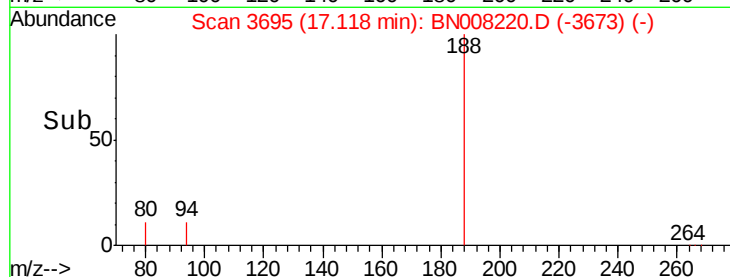
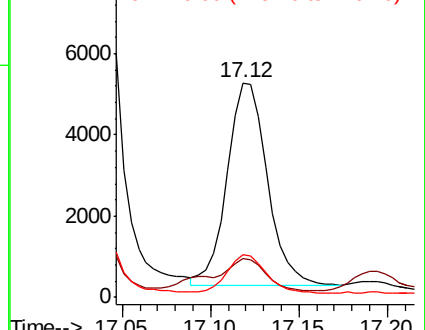


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 1.166 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. 0.00 min

Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

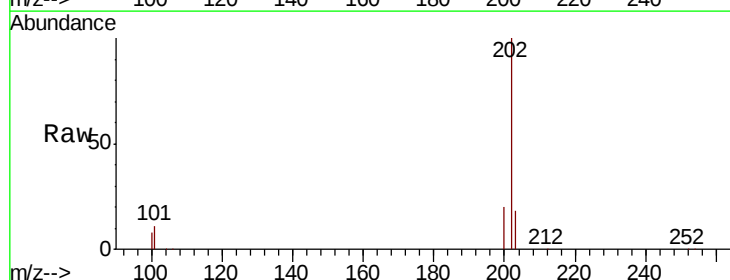
Tgt Ion:202 Resp: 82814

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.2

100 8.4 0.0 28.5

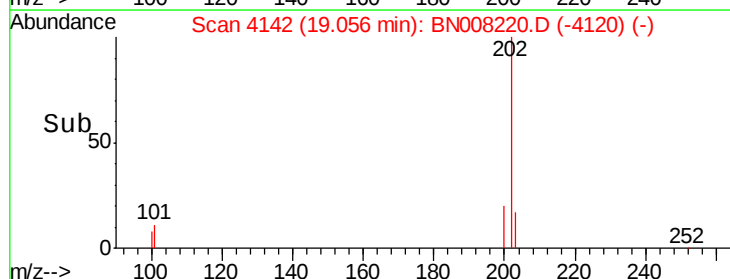
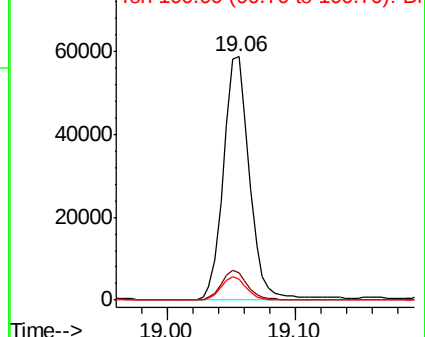


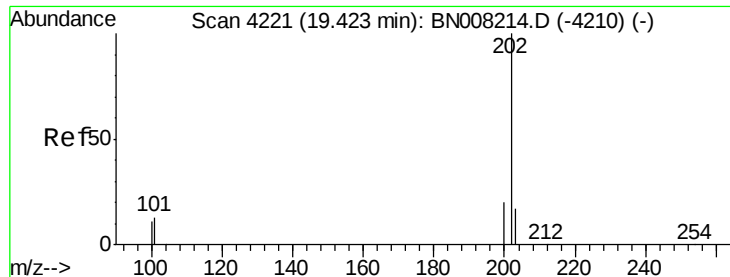
Abundance

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

Pvrene

Concen: 1.608 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

Instrument :

BNA_N

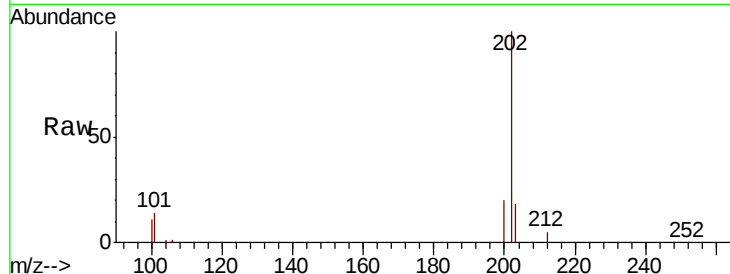
ClientSampleId :

BEPF7DL

Tot Ion:	202	Resp:	100124
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.9	16.3
100	11.0	8.7	13.1

Manual Integrations
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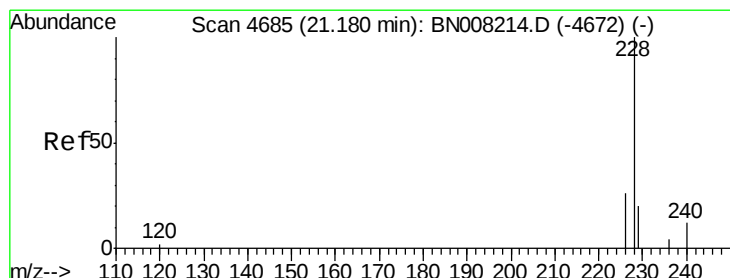
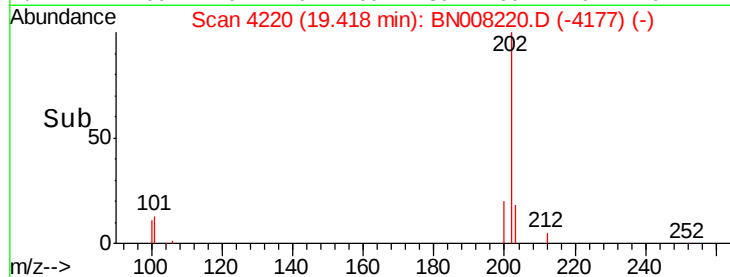
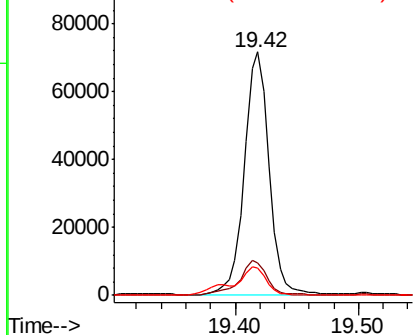


Abundance

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



#18

Benzo(a)anthracene

Concen: 0.927 ng/ul

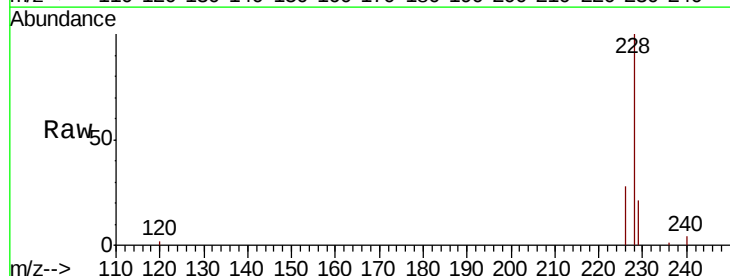
RT: 21.17 min Scan# 4683

Delta R.T. -0.00 min

Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

Tgt Ion:	228	Resp:	52729
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.2	24.2
226	28.1	21.4	32.0

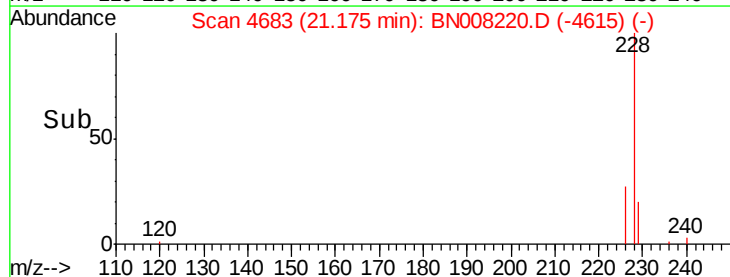
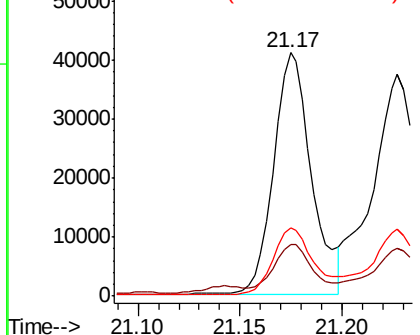


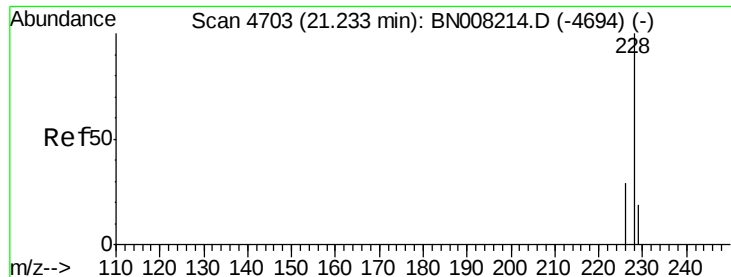
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





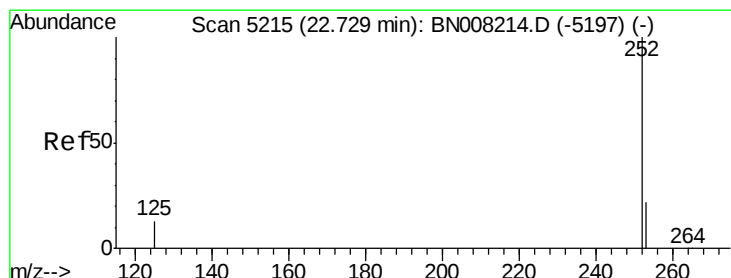
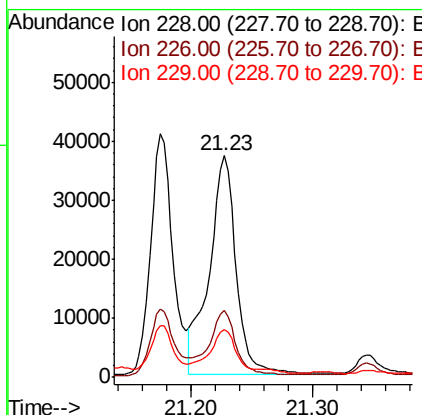
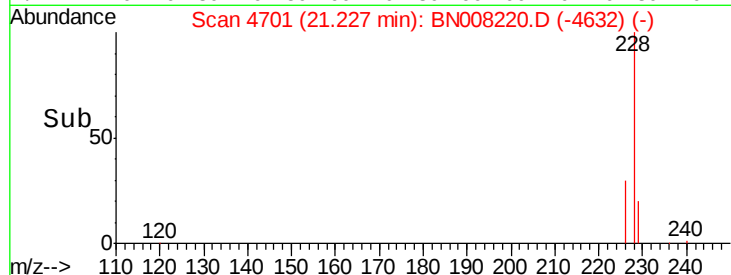
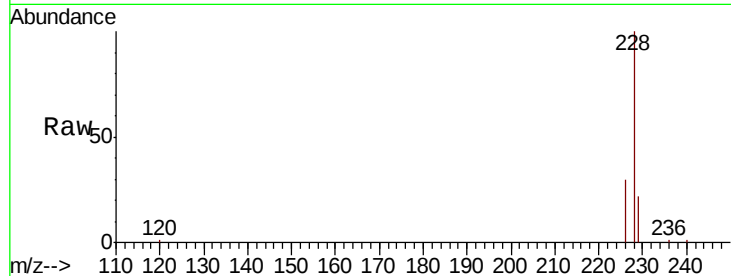
#19
Chrysene
Concen: 0.830 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN008220.D
Acq: 17 Oct 2019 13:47

Instrument :
BNA_N
ClientSampleID :
BEPF7DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.7	16.2	24.2

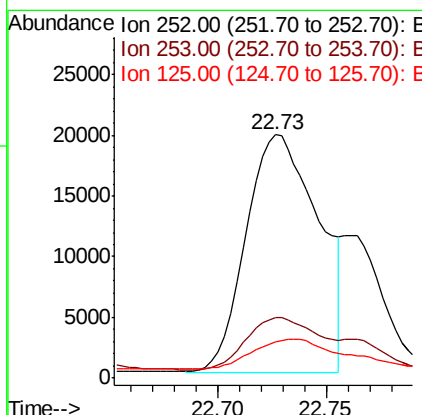
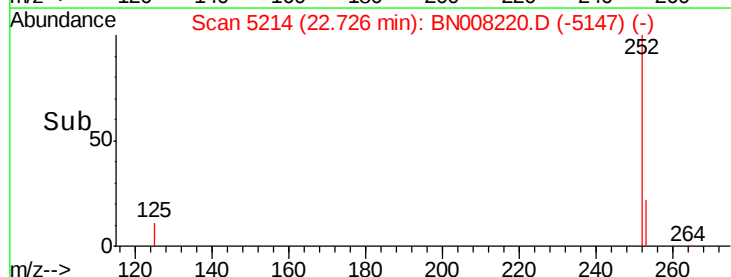
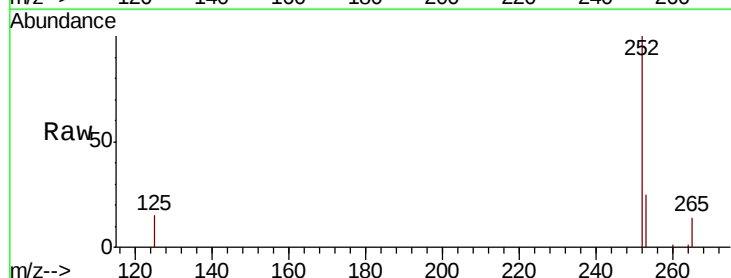
Manual Integrations
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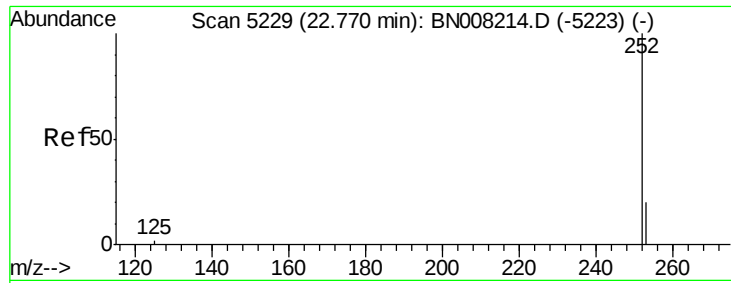
mohammad
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#21
Benzo(b)fluoranthene
Concen: 1.203 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. -0.00 min
Lab File: BN008220.D
Acq: 17 Oct 2019 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	53.4
125	15.0	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.304 ng/ul m

RT: 22.76 min Scan# 5226

Delta R.T. -0.01 min

Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

Instrument :

BNA_N

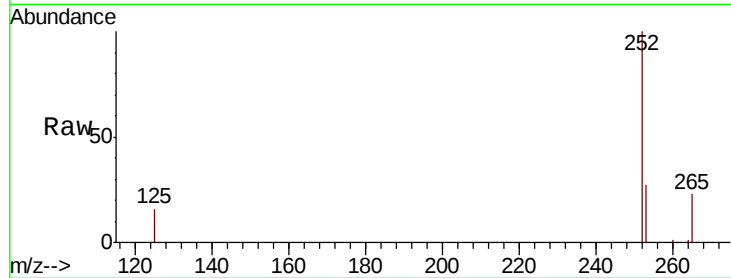
ClientSampleId :

BEPF7DL

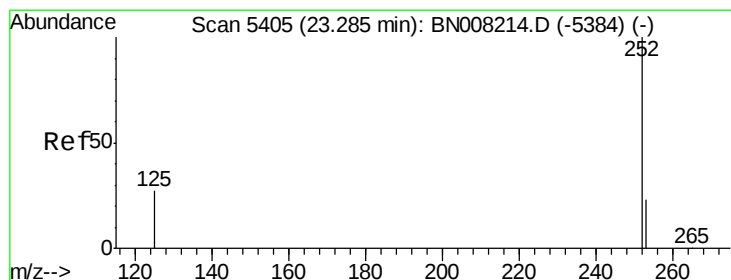
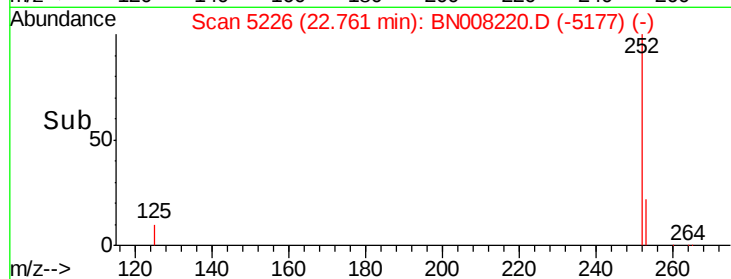
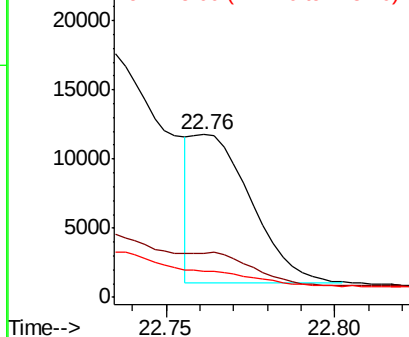
Tot Ion:	252	Resp:	13134
Ion Ratio	Lower	Upper	
252	100		
253	27.2	21.3	31.9
125	16.3	12.3	18.5

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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: 0.872 ng/ul

RT: 23.28 min Scan# 5403

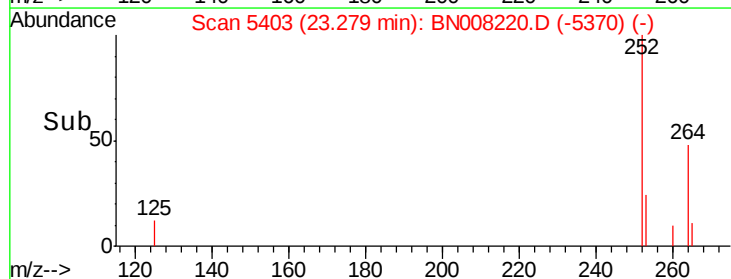
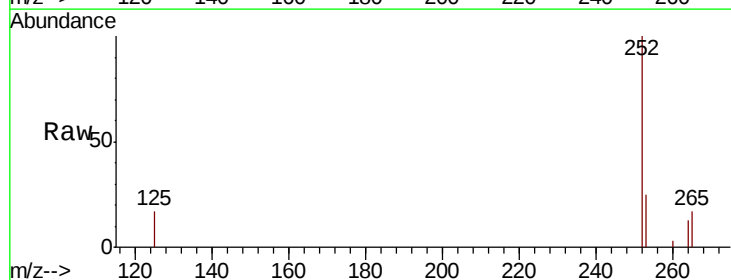
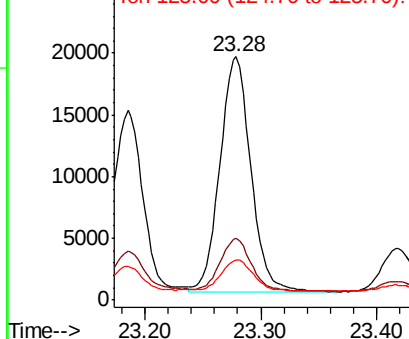
Delta R.T. -0.00 min

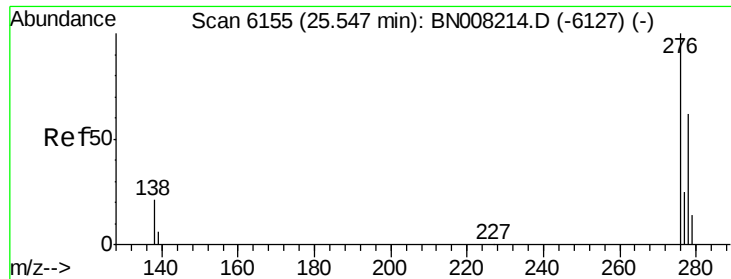
Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

Tgt Ion:	252	Resp:	34931
Ion Ratio	Lower	Upper	
252	100		
253	25.3	22.8	34.2
125	16.6	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: 0.405 ng/ul

RT: 25.54 min Scan# 6152

Delta R.T. -0.01 min

Lab File: BN008220.D

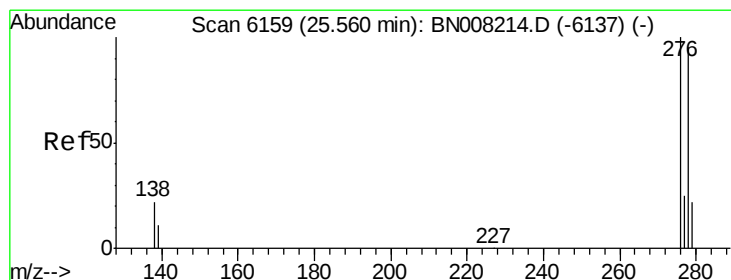
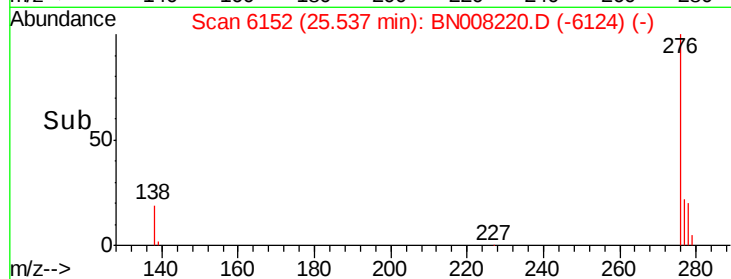
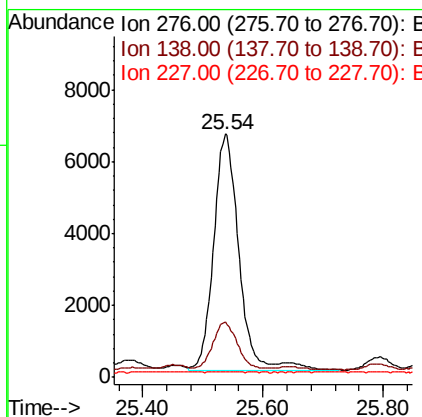
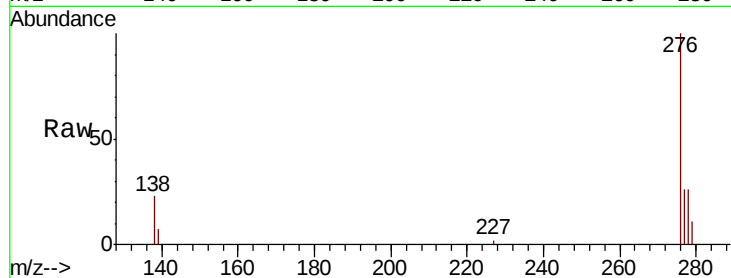
Acq: 17 Oct 2019 13:47

Instrument :
BNA_N
ClientSampleId :
BEPF7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.1	24.1
227	0.1	0.2	0.2

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#25

Dibenzo(a,h)anthracene

Concen: 0.134 ng/ul

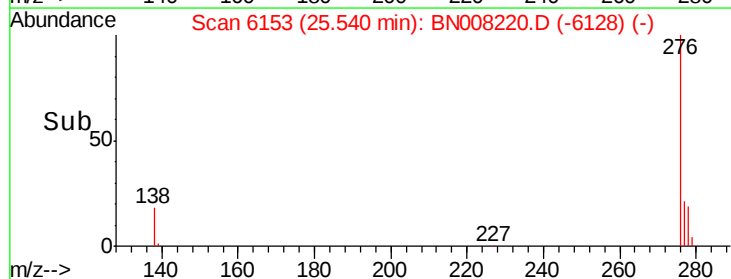
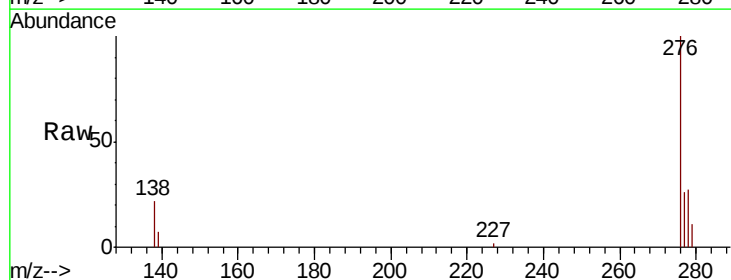
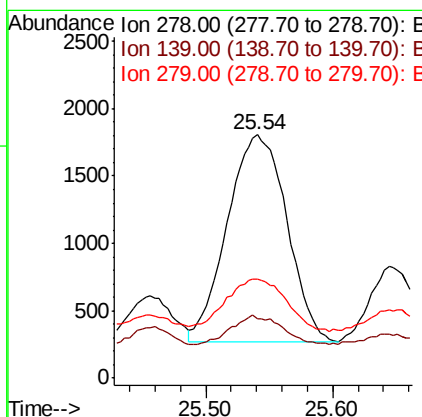
RT: 25.54 min Scan# 6153

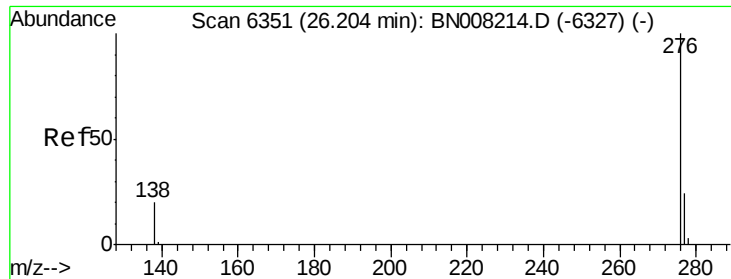
Delta R.T. -0.02 min

Lab File: BN008220.D

Acq: 17 Oct 2019 13:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.6	15.0	22.6
279	40.7	22.4	33.6





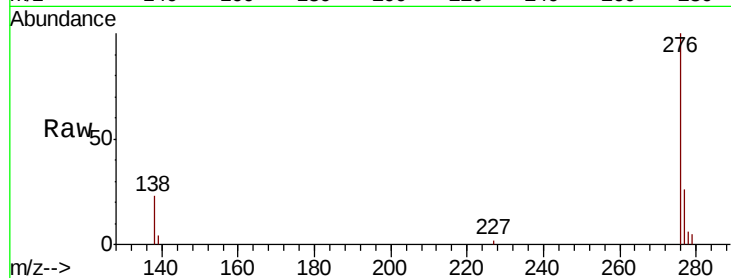
#26
Benzo(a,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.19 min Scan# 6348
Delta R.T. -0.01 min
Lab File: BN008220.D
Acq: 17 Oct 2019 13:47

Instrument :
BNA_N
ClientSampleId :
BEPF7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.0	25.4
277	26.2	20.4	30.6

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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

