

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008114.D
 Acq On : 12 Oct 2019 15:57
 Operator : JU
 Sample : K5178-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:44 AM

Quant Time: Oct 13 03:46:54 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2918	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	14059	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9059	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	20725m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	19844m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	17901	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4318	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	14790m	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	2425	0.061	ng/ul#	90
5) 2-Methylnaphthalene	12.07	142	1381	0.050	ng/ul	99
7) Acenaphthylene	13.98	152	7604	0.176	ng/ul	97
8) Acenaphthene	14.32	153	1803	0.054	ng/ul	98
9) Fluorene	15.31	166	2487	0.065	ng/ul#	95
12) Phenanthrene	17.05	178	55949m	0.922	ng/ul	
13) Anthracene	17.14	178	11974m	0.224	ng/ul	
15) Fluoranthene	19.07	202	136849m	1.708	ng/ul	
17) Pyrene	19.44	202	136724	1.730	ng/ul	99
18) Benzo(a)anthracene	21.19	228	77016	1.067	ng/ul	96
19) Chrysene	21.24	228	84945	0.959	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	83567m	1.434	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	31293m	0.474	ng/ul	
23) Benzo(a)pyrene	23.30	252	59247	0.966	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.57	276	34342	0.475	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.58	278	8110	0.142	ng/ul#	70
26) Benzo(a,h,i)perylene	26.23	276	33329	0.503	ng/ul	98

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

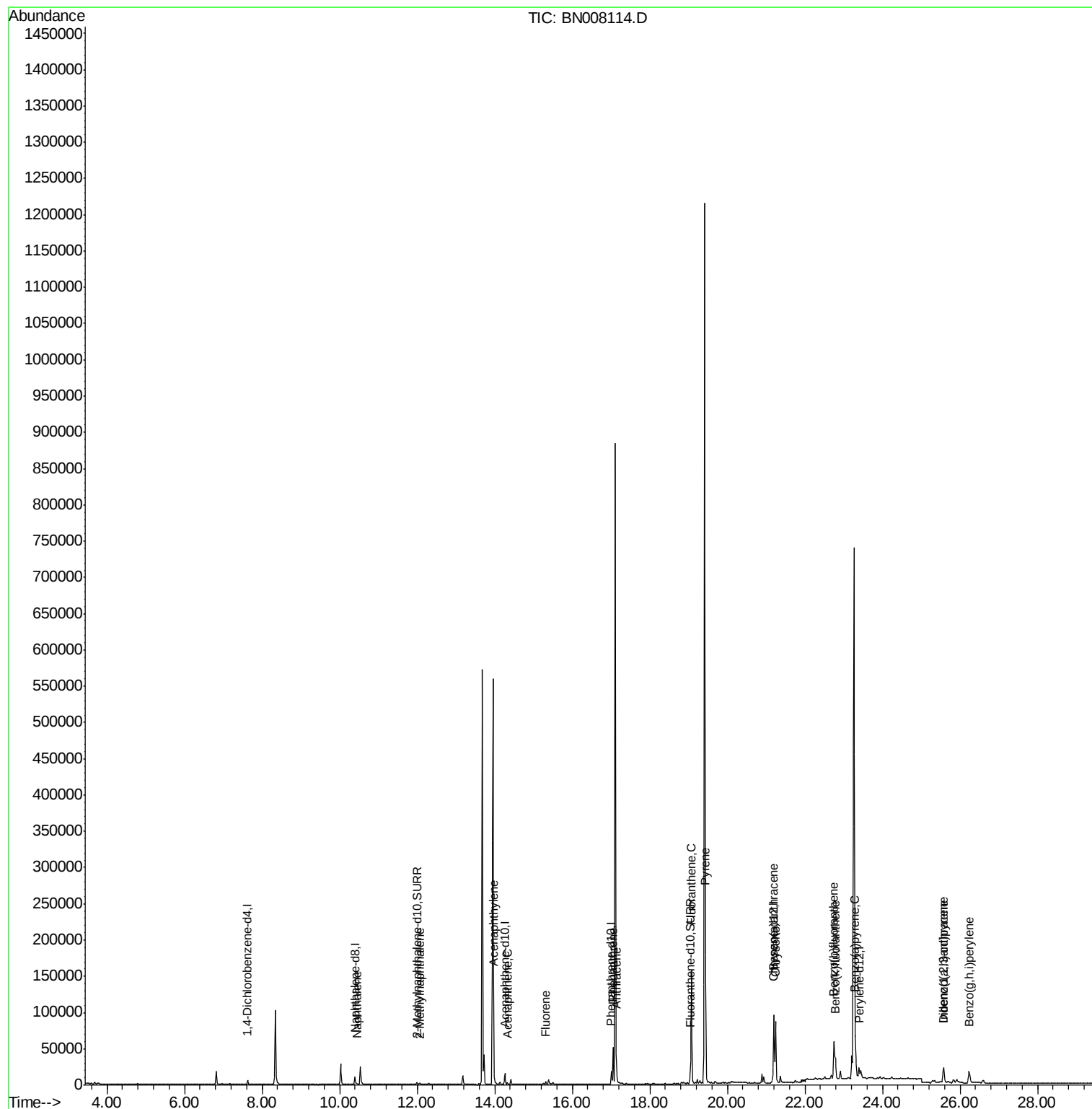
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008114.D
Acq On : 12 Oct 2019 15:57
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Misc :
ALS Vial : 47 Sample Multiplier: 1

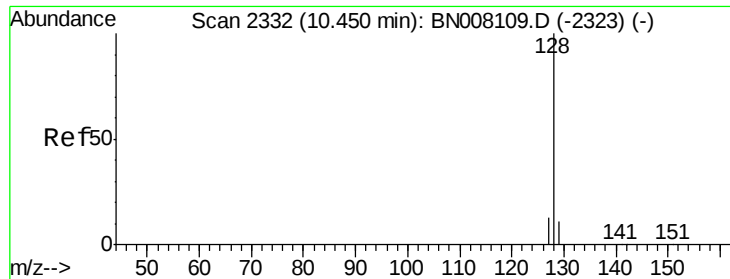
Instrument :
BNA_N
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BEPE8

Quant Time: Oct 13 03:46:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.061 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

Instrument :

BNA_N

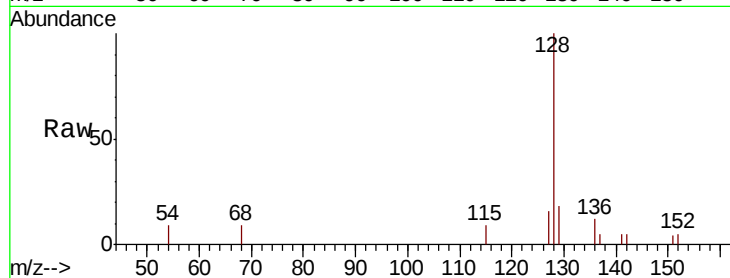
ClientSampleId :

BEPE8

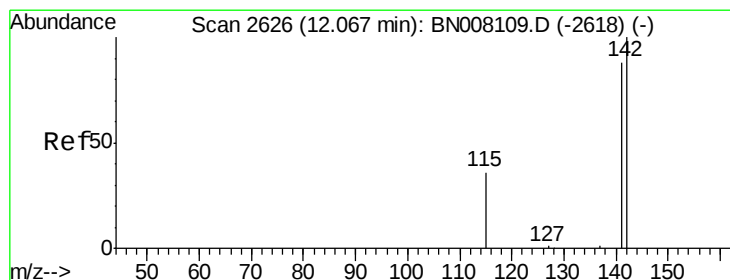
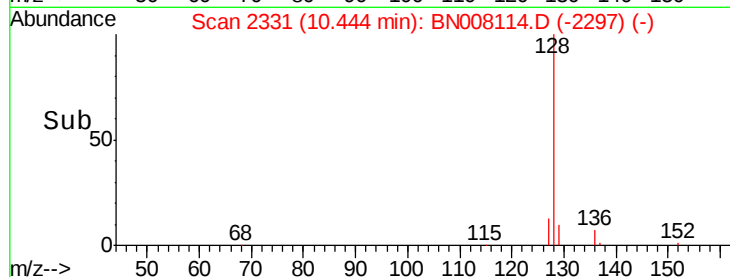
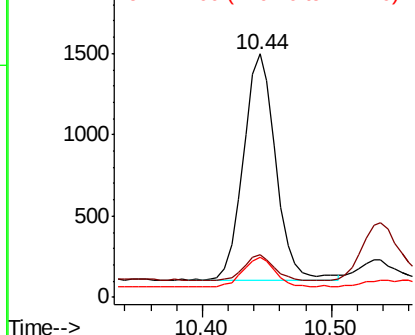
Tot Ion:	128	Resp:	2425
Ion Ratio	Lower	Upper	
128	100		
129	17.6	9.8	14.8#
127	16.4	11.1	16.7

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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: 0.050 ng/ul

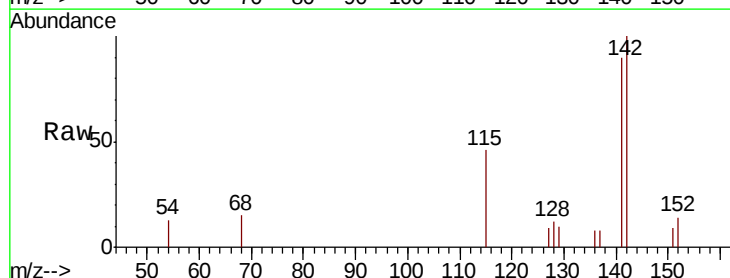
RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

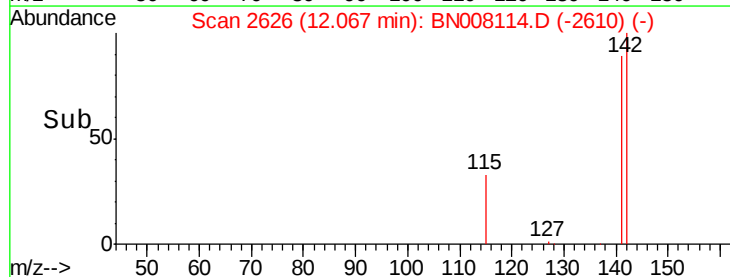
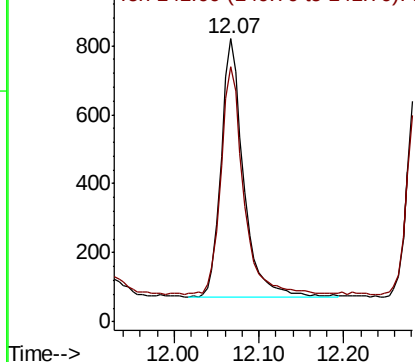
Lab File: BN008114.D

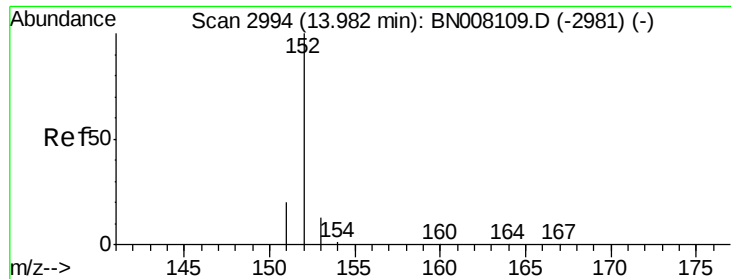
Acq: 12 Oct 2019 15:57

Tgt Ion:	142	Resp:	1381
Ion Ratio	Lower	Upper	
142	100		
141	87.9	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: 0.176 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

Instrument :

BNA_N

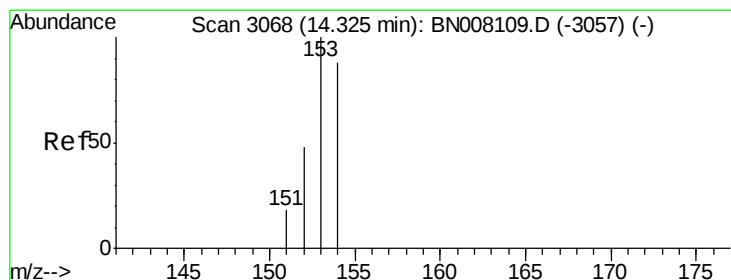
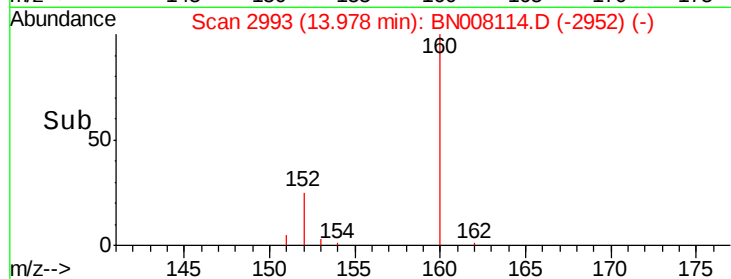
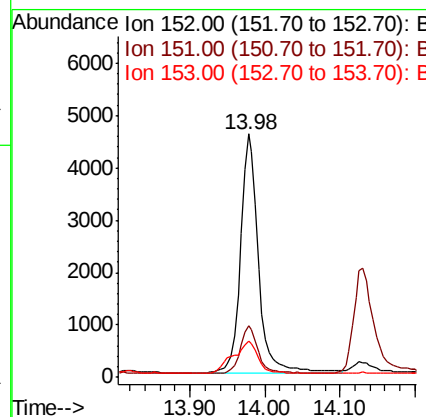
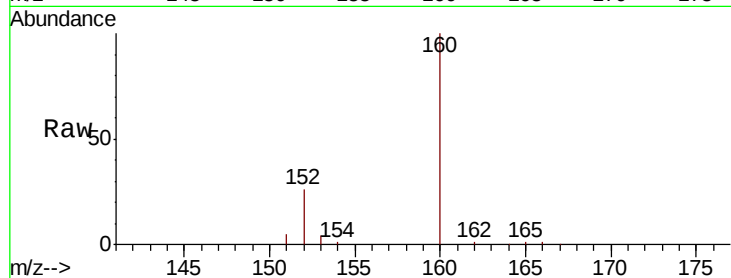
ClientSampleId :

BEPE8

Tot Ion:	152	Resp:	7604
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.2	24.4
153	15.0	11.0	16.4

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#8

Acenaphthene

Concen: 0.054 ng/ul

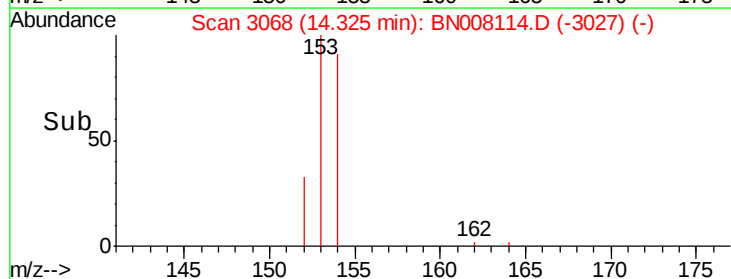
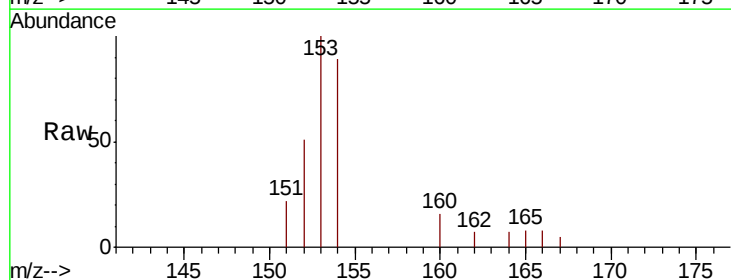
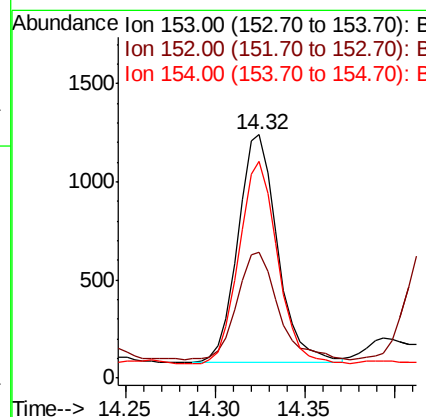
RT: 14.32 min Scan# 3068

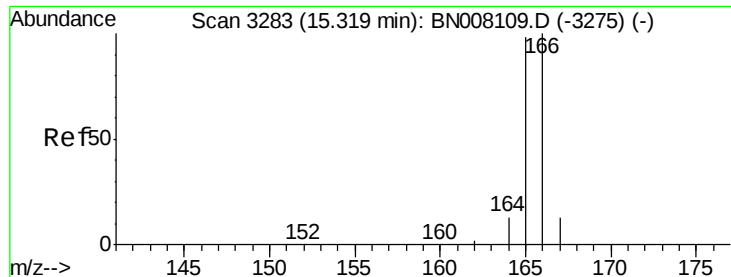
Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

Tgt Ion:	153	Resp:	1803
Ion Ratio	Lower	Upper	
153	100		
152	51.5	38.2	57.2
154	89.2	71.8	107.8





#9

Fluorene

Concen: 0.065 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

Instrument :

BNA_N

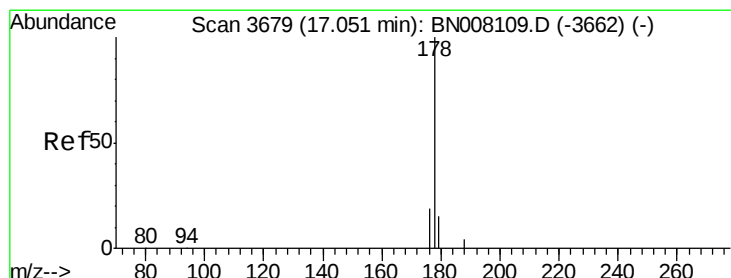
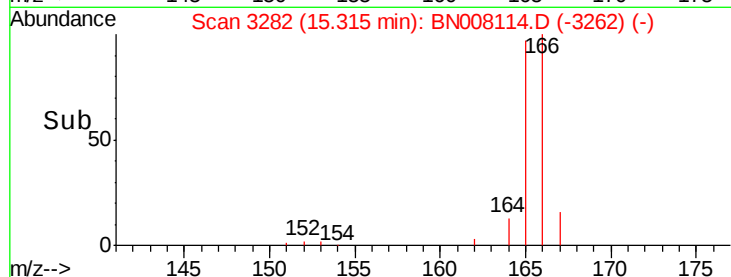
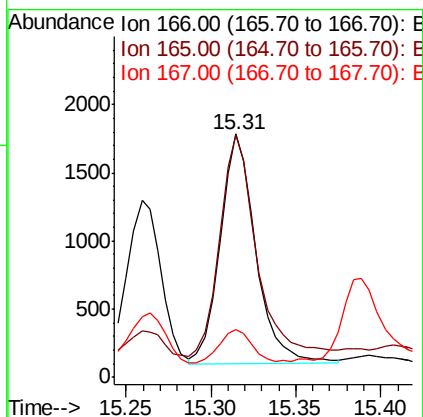
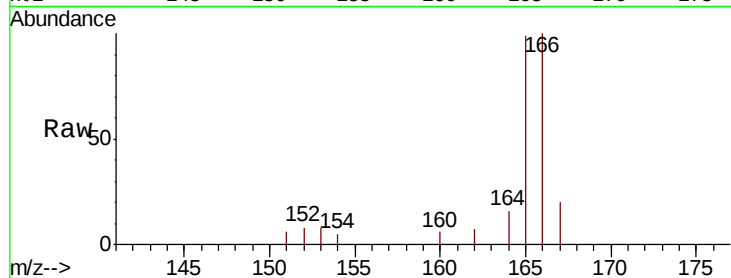
ClientSampleId :

BEPE8

Tot Ion:	166	Resp:	2487
Ion Ratio	Lower	Upper	
166	100		
165	99.4	76.6	115.0
167	19.8	11.7	17.5#

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#12

Phenanthrene

Concen: 0.922 ng/ul m

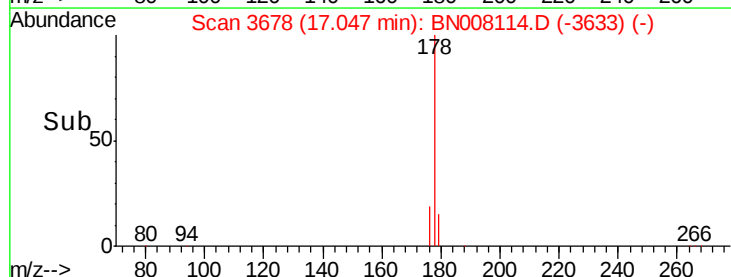
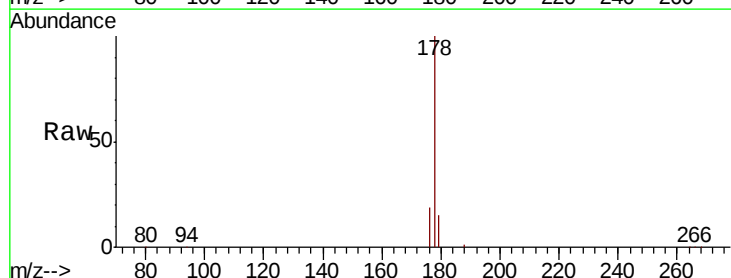
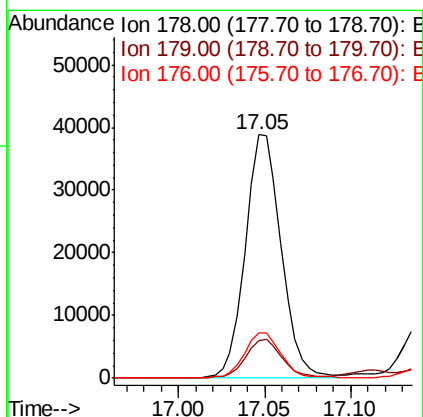
RT: 17.05 min Scan# 3678

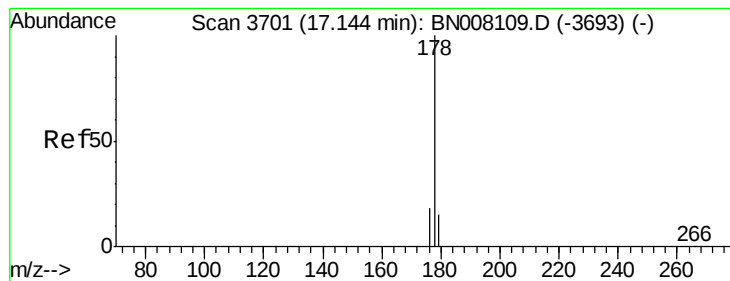
Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

Tgt Ion:	178	Resp:	55949
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.8	19.2
176	18.8	15.4	23.2





#13

Anthracene

Concen: 0.224 ng/ul m

RT: 17.14 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

Instrument :

BNA_N

ClientSampleId :

BEPE8

Tot Ion:178 Resp: 11974

Ion Ratio Lower Upper

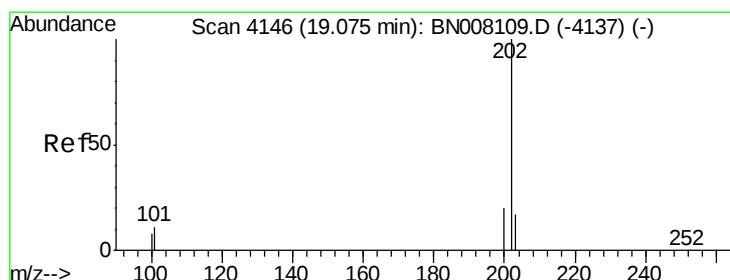
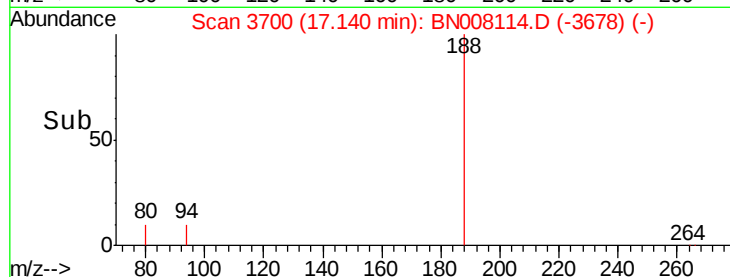
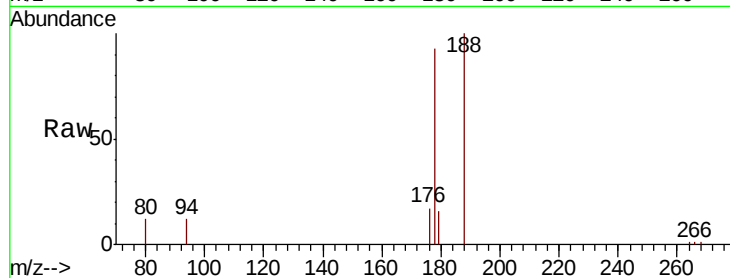
178 100

179 17.3 13.0 19.6

176 18.8 15.0 22.6

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#15

Fluoranthene

Concen: 1.708 ng/ul m

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

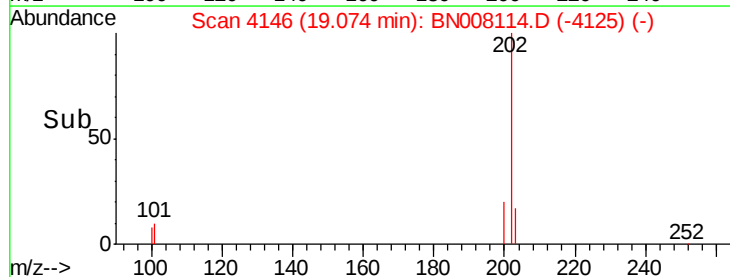
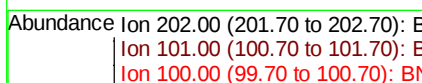
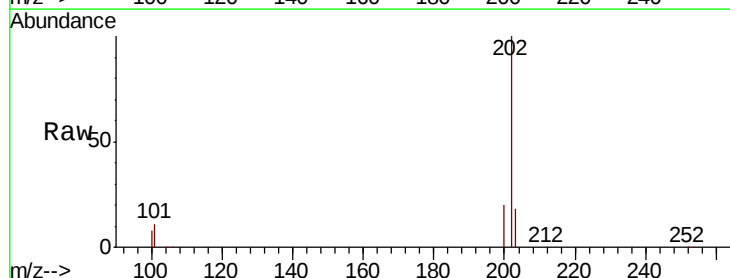
Tgt Ion:202 Resp: 136849

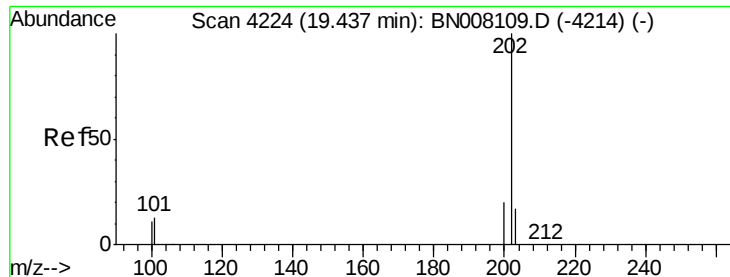
Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.2

100 7.8 0.0 28.5





#17

Pvrene

Concen: 1.730 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

Instrument :

BNA_N

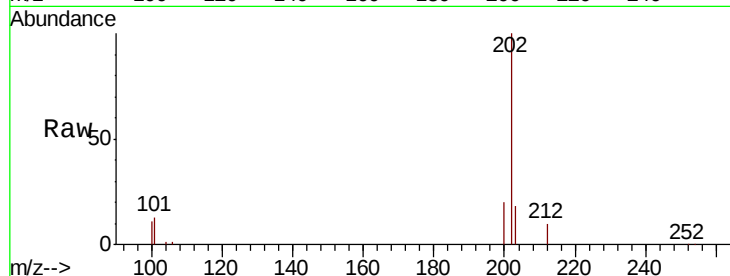
ClientSampleId :

BEPE8

Tot Ion:	202	Resp:	136724
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.9	16.3
100	10.5	8.7	13.1

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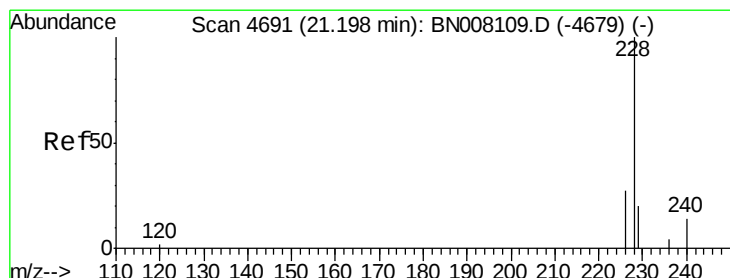
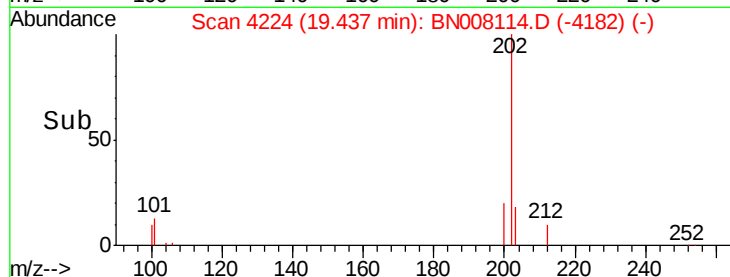
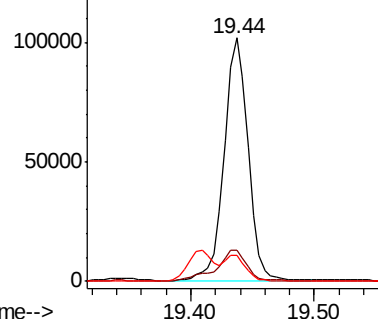
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 1.067 ng/ul

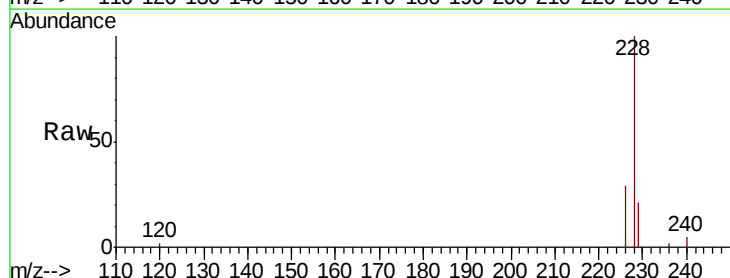
RT: 21.19 min Scan# 4689

Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

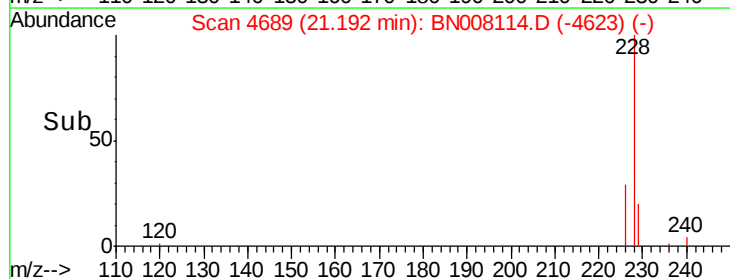
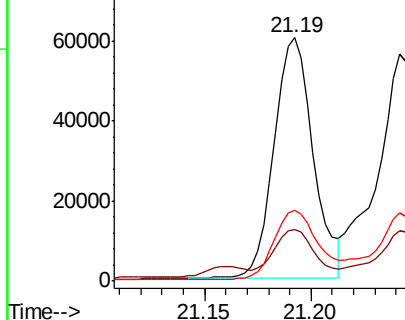
Tgt Ion:	228	Resp:	77016
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.2	24.2
226	29.3	21.4	32.0

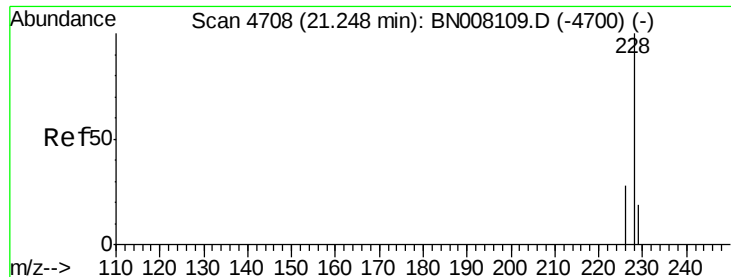


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.959 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:228 Resp: 84945

Ion Ratio Lower Upper

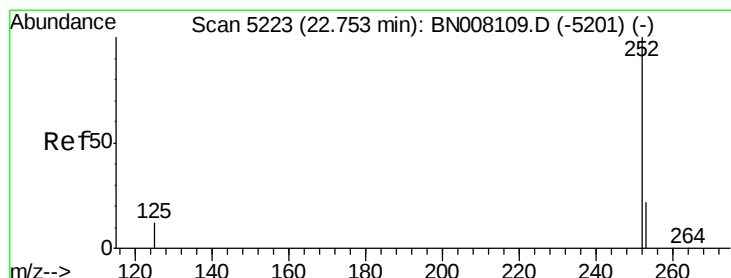
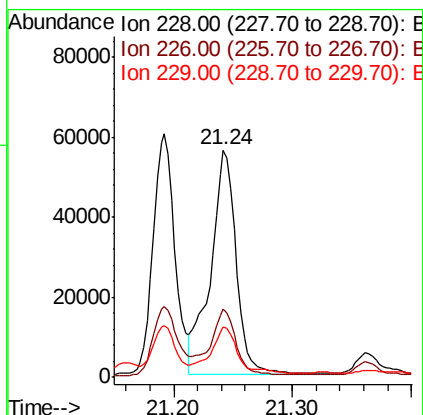
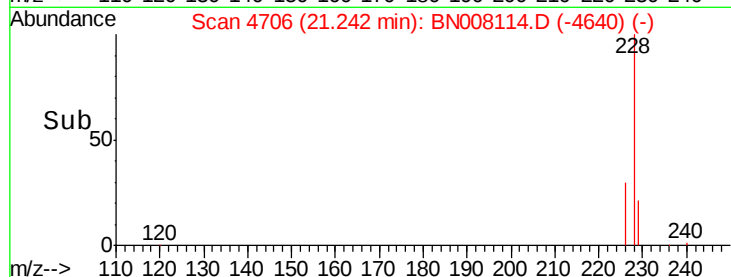
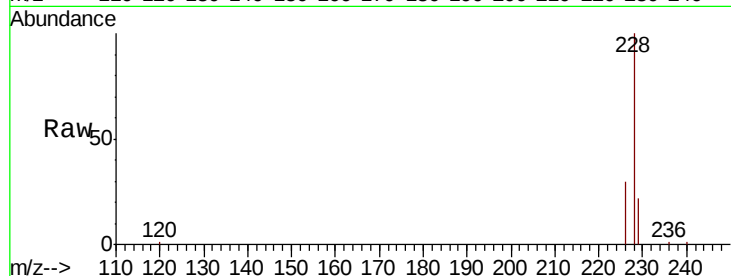
228 100

226 30.0 24.1 36.1

229 22.1 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 1.434 ng/ul m

RT: 22.75 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

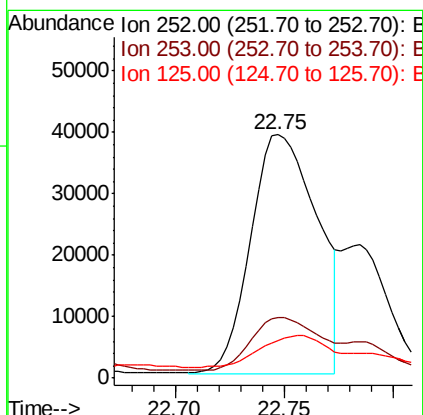
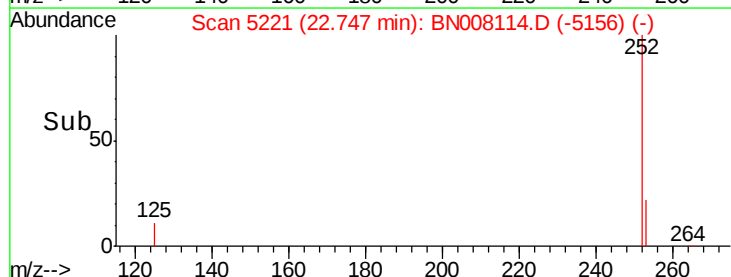
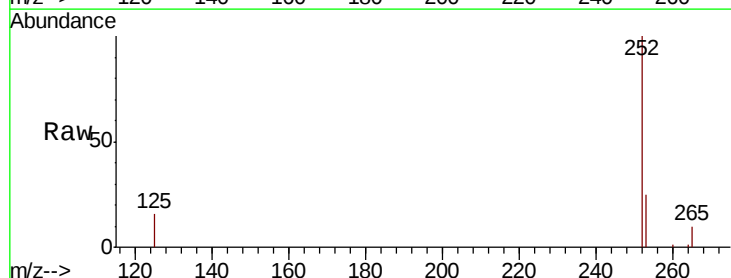
Tgt Ion:252 Resp: 83567

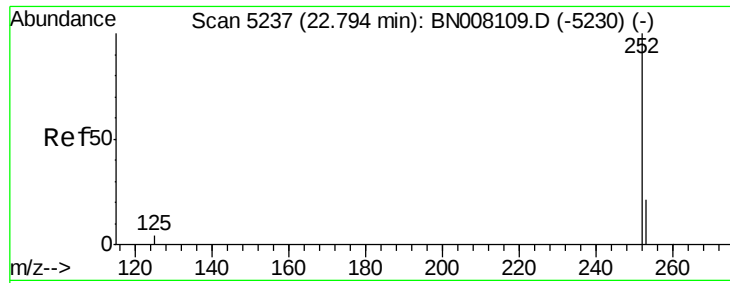
Ion Ratio Lower Upper

252 100

253 24.8 0.0 53.4

125 15.7 0.0 32.4





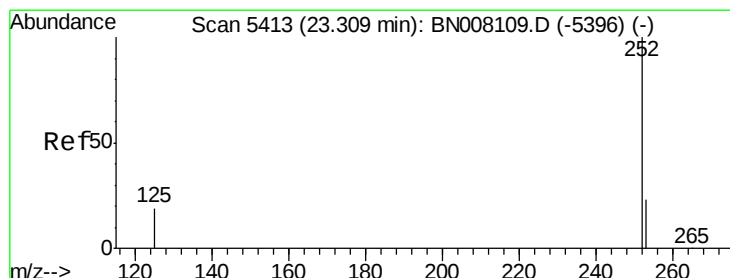
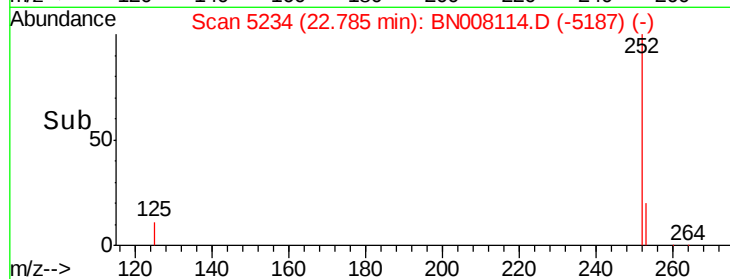
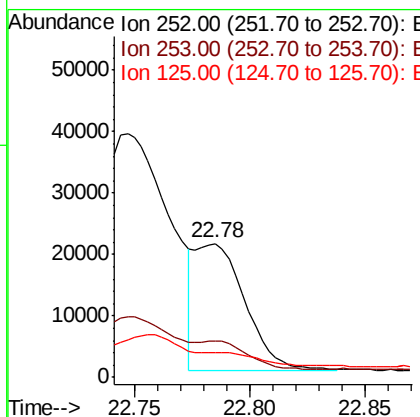
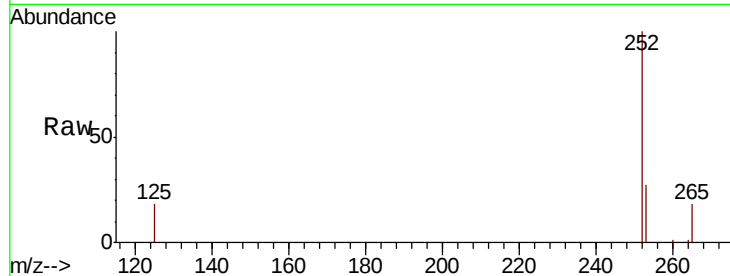
#22
Benzo(k)fluoranthene
Concen: 0.474 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN008114.D
Acq: 12 Oct 2019 15:57

Instrument :
BNA_N
ClientSampleId :
BEPE8

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.3	31.9
125	18.2	12.3	18.5

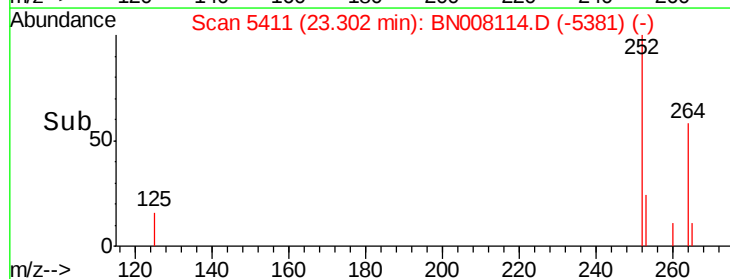
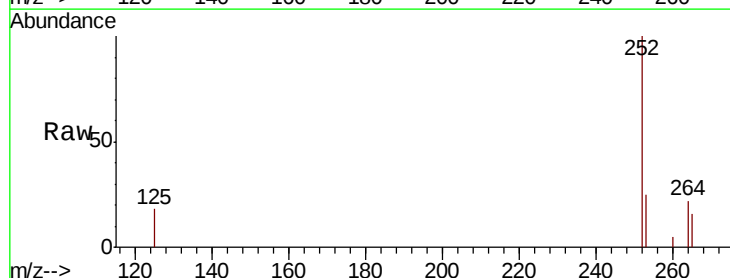
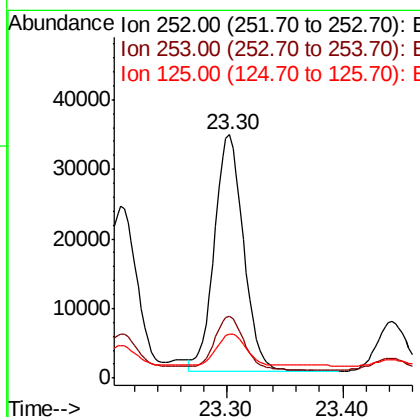
Manual Integrations
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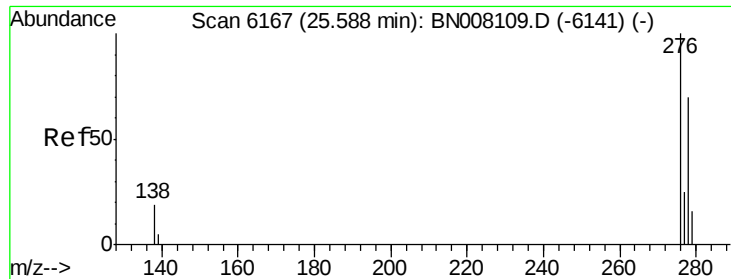
mohammad
10/15/2019 7:58:44 AM



#23
Benzo(a)pyrene
Concen: 0.966 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. -0.01 min
Lab File: BN008114.D
Acq: 12 Oct 2019 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	22.8	34.2
125	17.9	18.4	27.6#





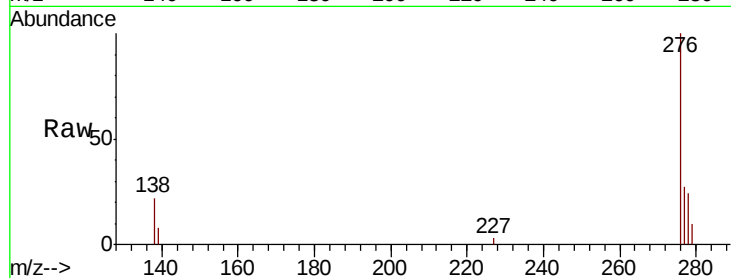
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.475 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.02 min
Lab File: BN008114.D
Acq: 12 Oct 2019 15:57

Instrument :
BNA_N
ClientSampleId :
BEPE8

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.5	16.1	24.1
227	0.1	0.2	0.2#

Manual Integrations
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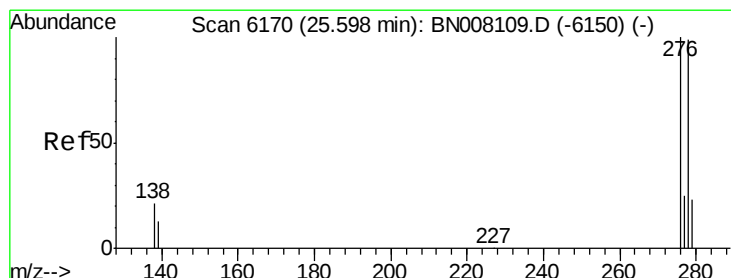
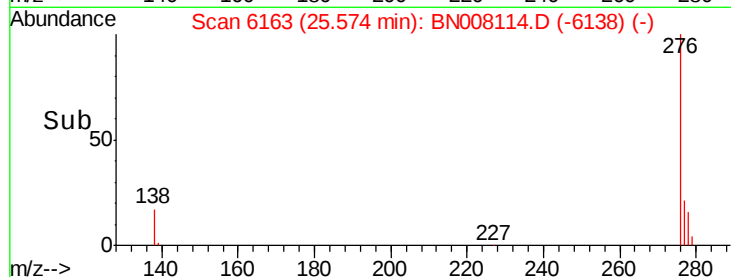
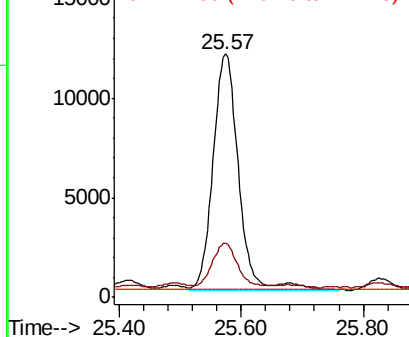


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.03 min
Lab File: BN008114.D
Acq: 12 Oct 2019 15:57

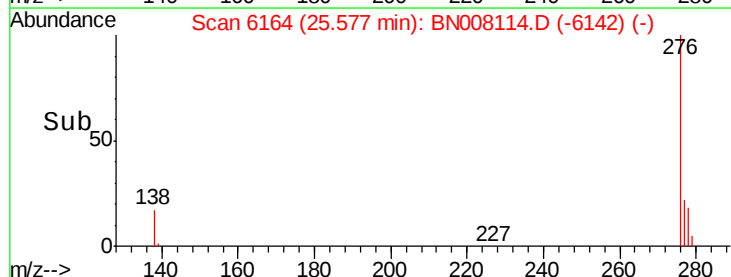
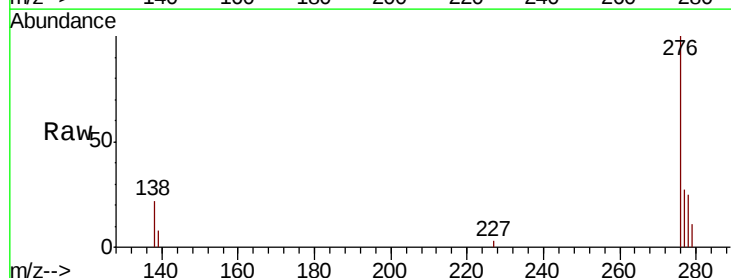
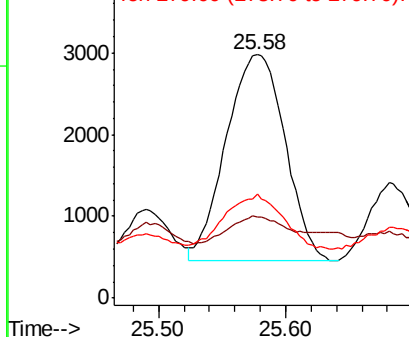
Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.5	15.0	22.6#
279	42.6	22.4	33.6#

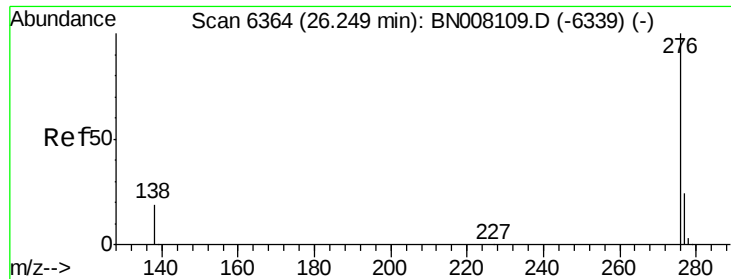
Abundance

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(a,h,i)perylene
Concen: 0.503 ng/ul
RT: 26.23 min Scan# 6360
Delta R.T. -0.02 min
Lab File: BN008114.D
Acq: 12 Oct 2019 15:57

Instrument :
BNA_N
ClientSampleId :
BEPE8

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.0	25.4
277	25.8	20.4	30.6

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