

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:16:42 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	3116	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	14798	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9426	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	21916m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	21829m	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	16514m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	5137	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	17097m	0.23	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	1366	0.032	ng/ul#	83
5) 2-Methylnaphthalene	12.07	142	800	0.028	ng/ul	99
7) Acenaphthylene	13.98	152	3560	0.079	ng/ul#	93
8) Acenaphthene	14.32	153	1329	0.038	ng/ul	95
9) Fluorene	15.31	166	2579	0.065	ng/ul#	96
12) Phenanthrene	17.05	178	40686m	0.634	ng/ul	
13) Anthracene	17.14	178	9406m	0.167	ng/ul	
15) Fluoranthene	19.07	202	86281m	1.018	ng/ul	
17) Pyrene	19.44	202	77680	0.894	ng/ul	99
18) Benzo(a)anthracene	21.19	228	47123m	0.594	ng/ul	
19) Chrysene	21.24	228	51795	0.532	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	59493m	1.107	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	19833m	0.326	ng/ul	
23) Benzo(a)pyrene	23.30	252	34099	0.603	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.57	276	18452	0.277	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.57	278	4819	0.091	ng/ul#	49
26) Benzo(a,h,i)perylene	26.23	276	19775	0.324	ng/ul#	92

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

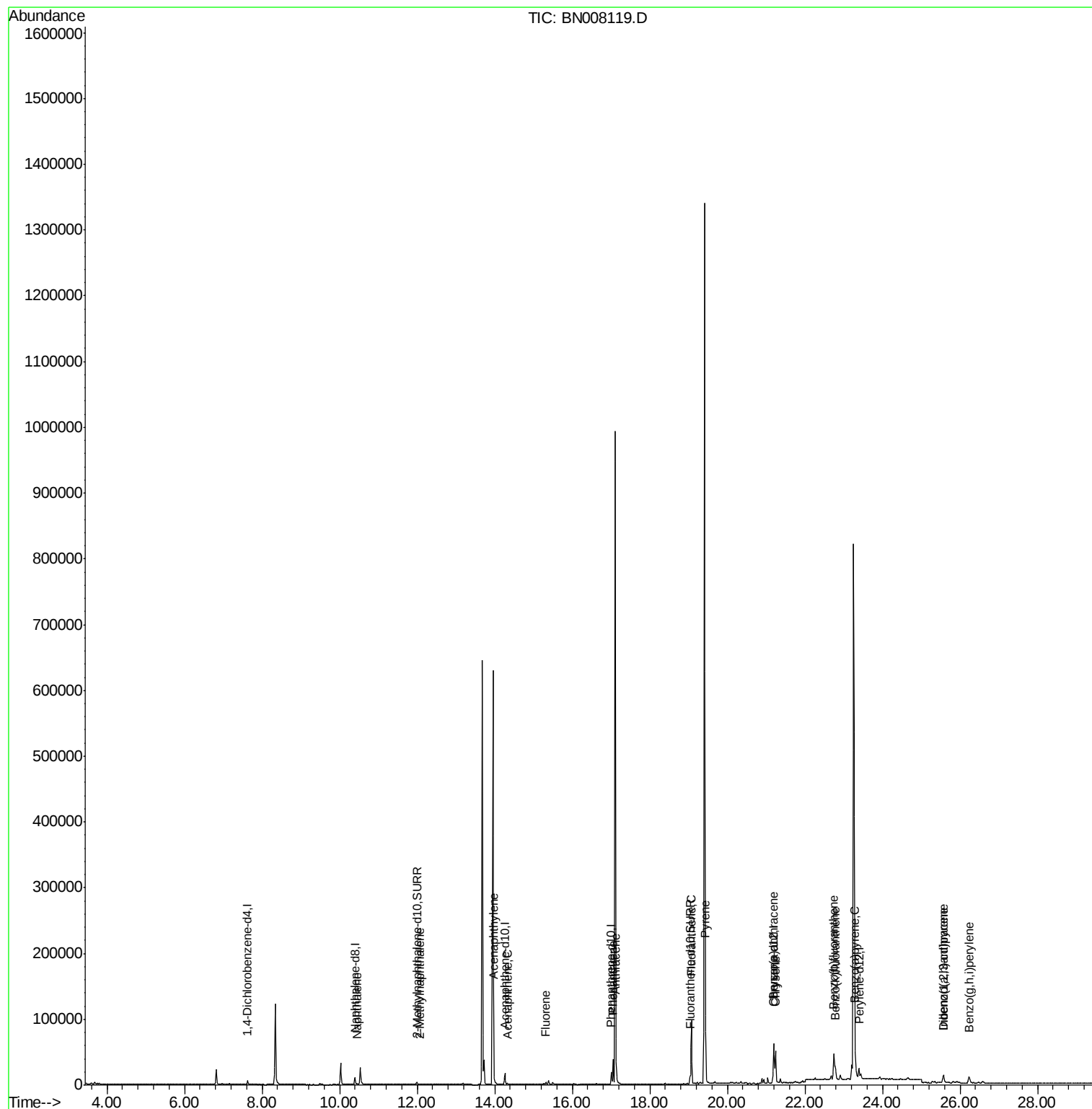
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
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ALS Vial : 4 Sample Multiplier: 1

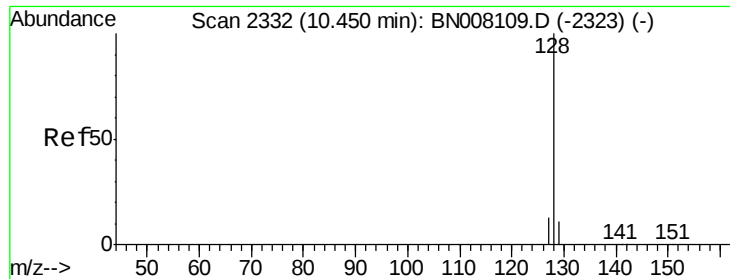
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Instrument :

BNA_N

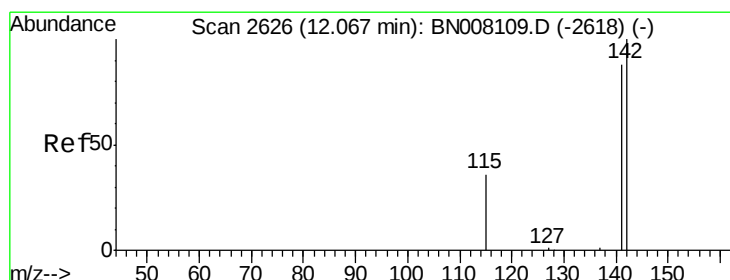
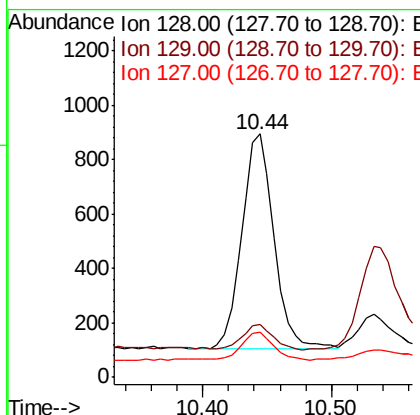
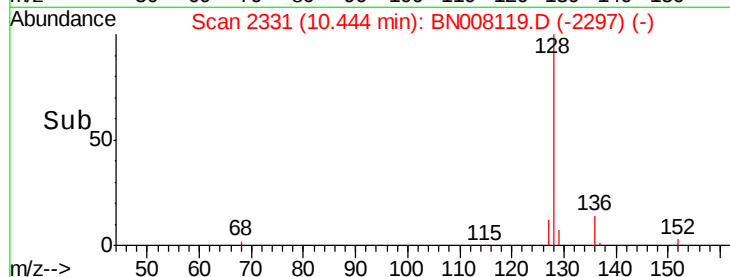
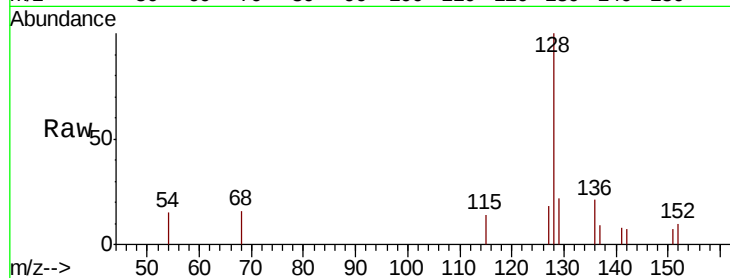
ClientSampleId :

BEPD3

Tot Ion	Ratio	Lower	Upper
128	100		
129	21.7	9.8	14.8#
127	18.4	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

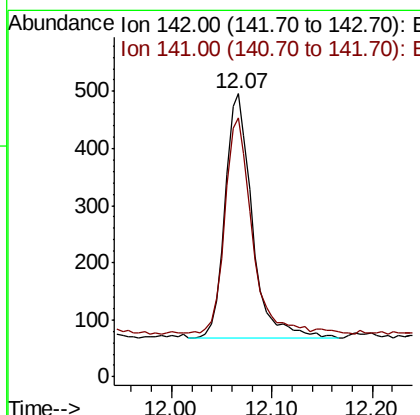
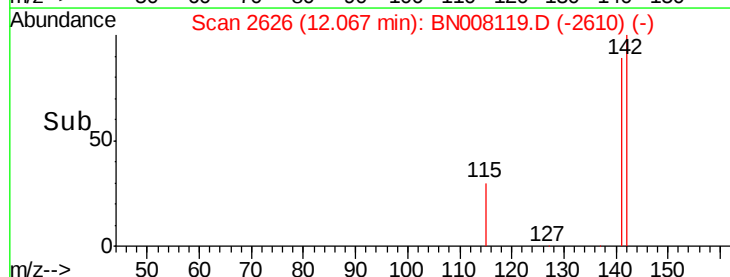
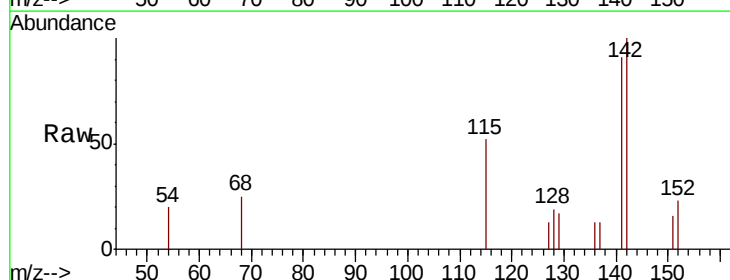
RT: 12.07 min Scan# 2626

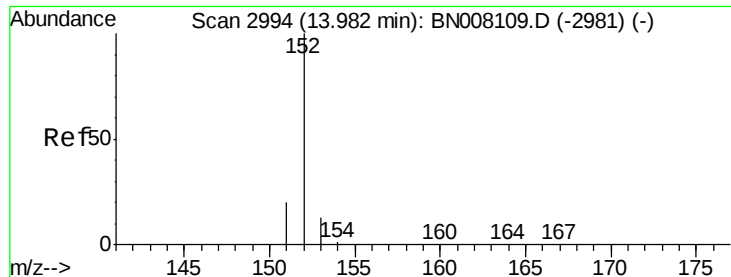
Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2





#7

Acenaphthylene

Concen: 0.079 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Instrument :

BNA_N

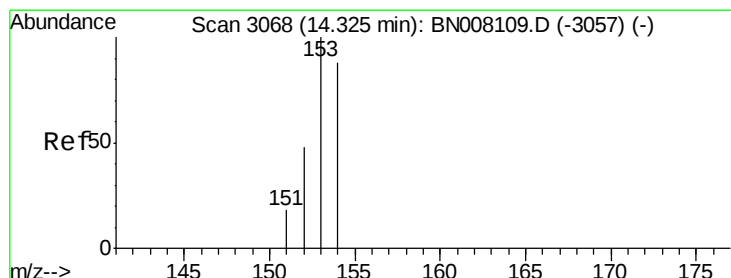
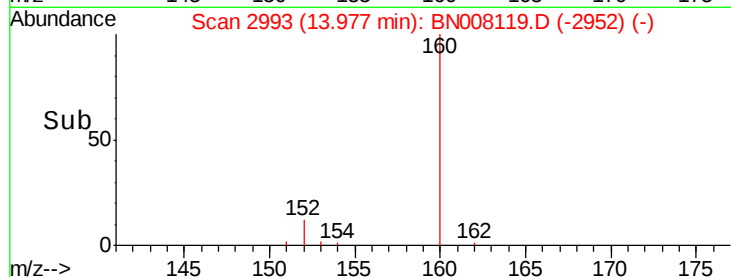
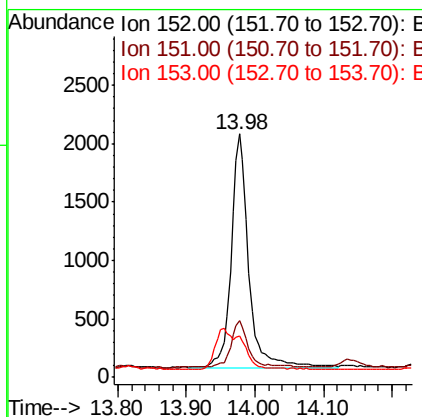
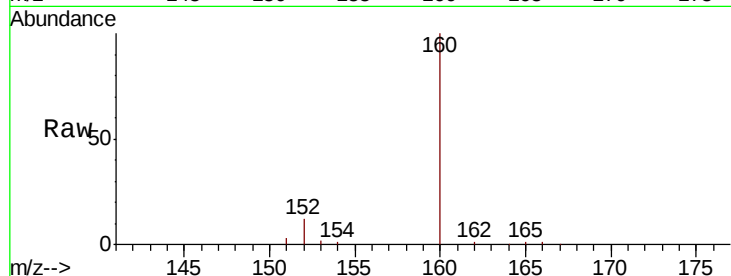
ClientSampleId :

BEPD3

Tot Ion:	152	Resp:	3560
Ion Ratio	Lower	Upper	
152	100		
151	23.1	16.2	24.4
153	16.8	11.0	16.4

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#8

Acenaphthene

Concen: 0.038 ng/ul

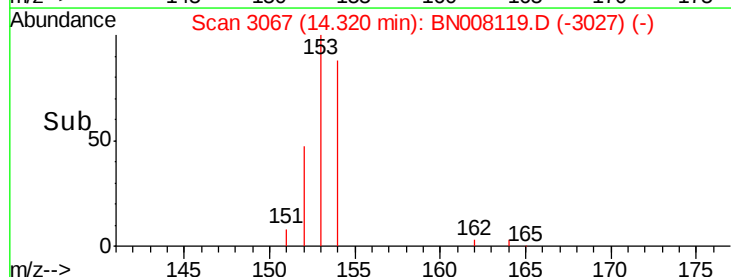
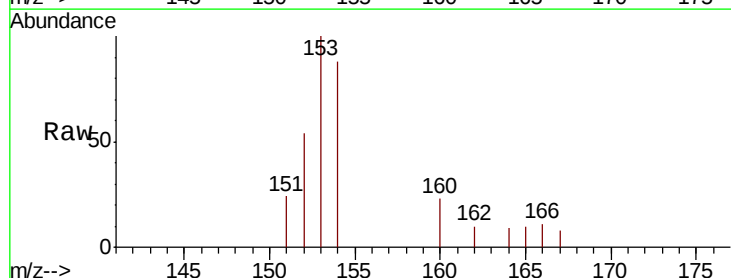
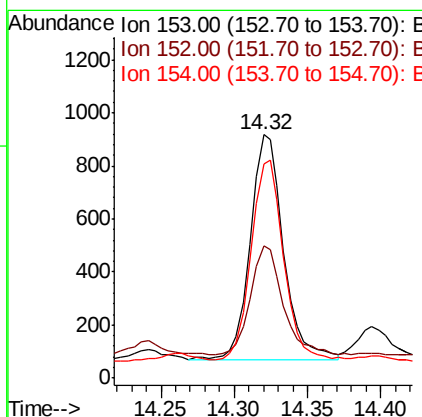
RT: 14.32 min Scan# 3067

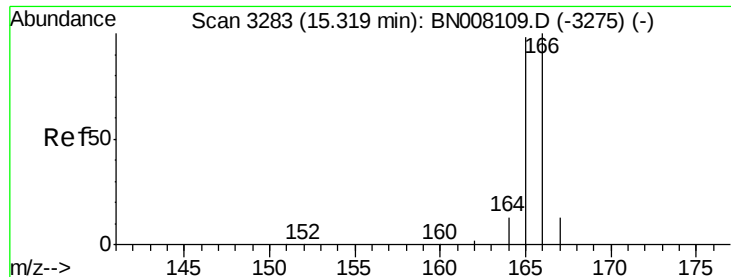
Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Tgt Ion:	153	Resp:	1329
Ion Ratio	Lower	Upper	
153	100		
152	54.5	38.2	57.2
154	88.0	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: BN008119.D

Acq: 12 Oct 2019 18:56

Instrument :

BNA_N

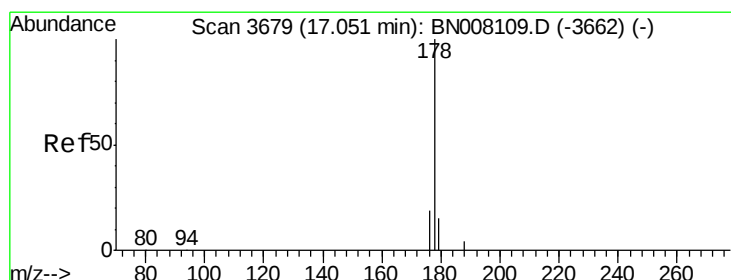
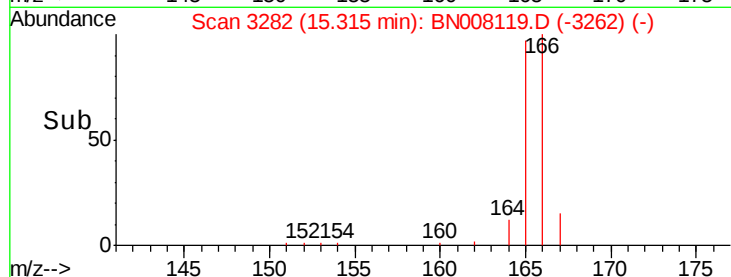
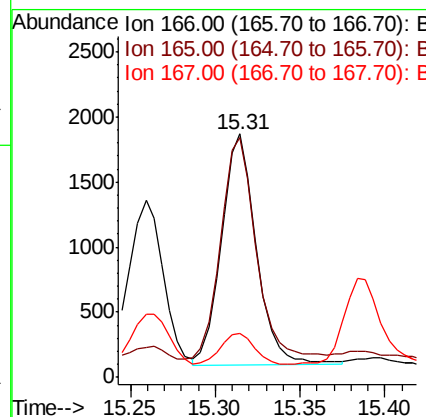
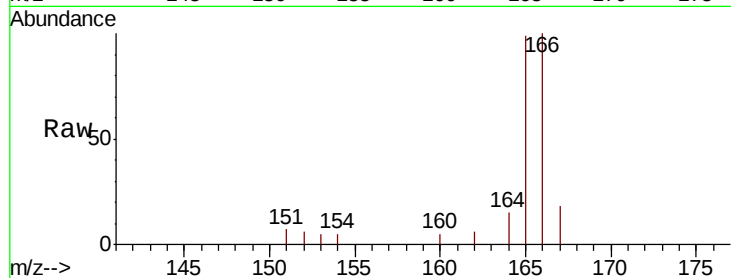
ClientSampleId :

BEPD3

Tot Ion:	166	Resp:	2579
Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.6	115.0
167	18.3	11.7	17.5#

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#12

Phenanthrene

Concen: 0.634 ng/ul m

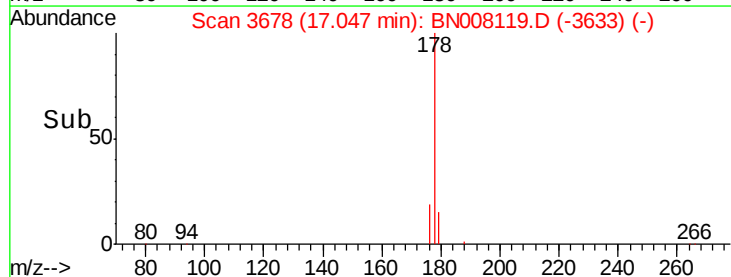
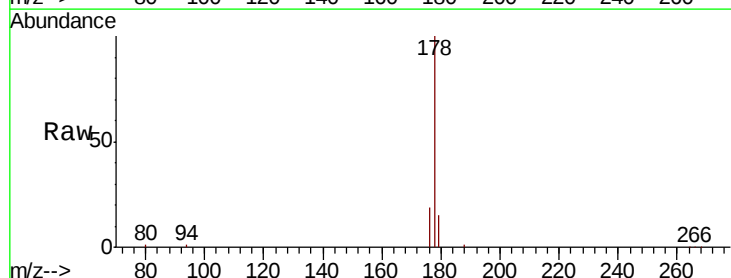
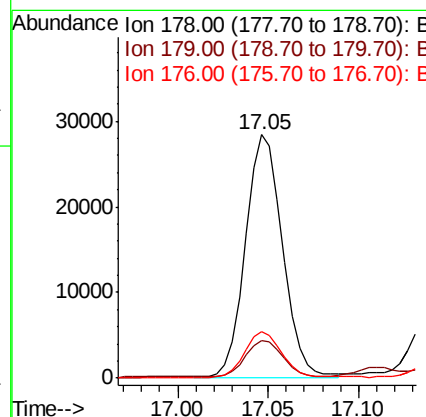
RT: 17.05 min Scan# 3678

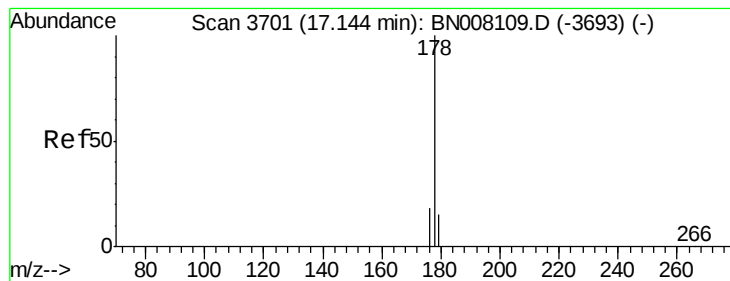
Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Tgt Ion:	178	Resp:	40686
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.1	15.4	23.2





#13

Anthracene

Concen: 0.167 ng/ul m

RT: 17.14 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Instrument :

BNA_N

ClientSampleId :

BEPD3

Tot Ion:178 Resp: 9406

Ion Ratio Lower Upper

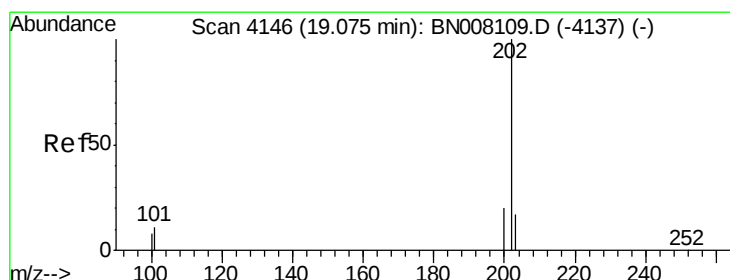
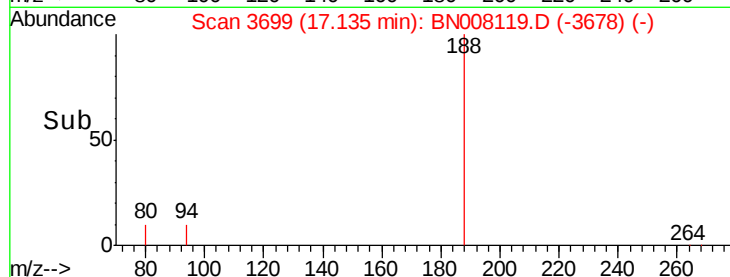
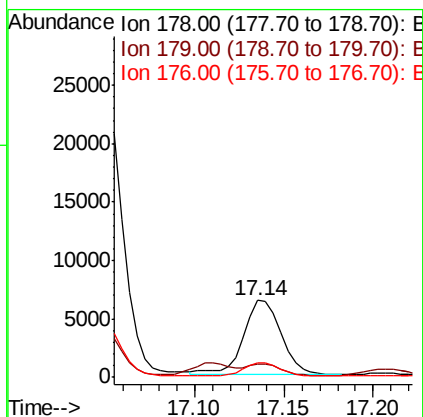
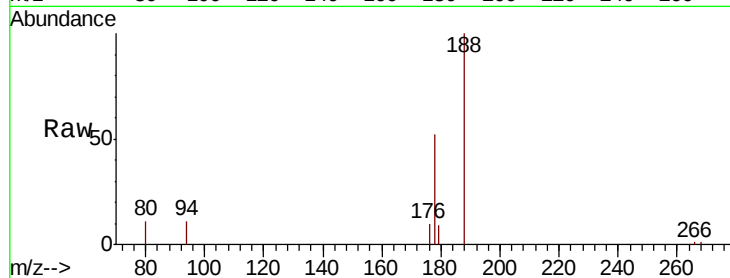
178 100

179 17.9 13.0 19.6

176 19.6 15.0 22.6

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#15

Fluoranthene

Concen: 1.018 ng/ul m

RT: 19.07 min Scan# 4145

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

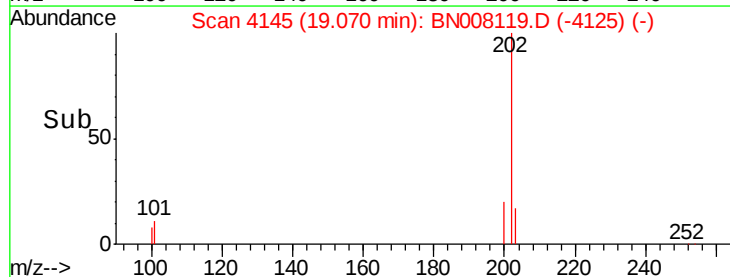
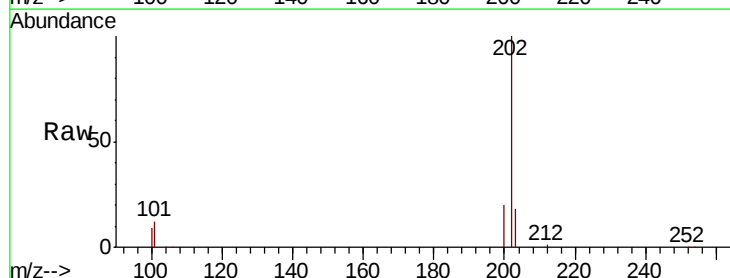
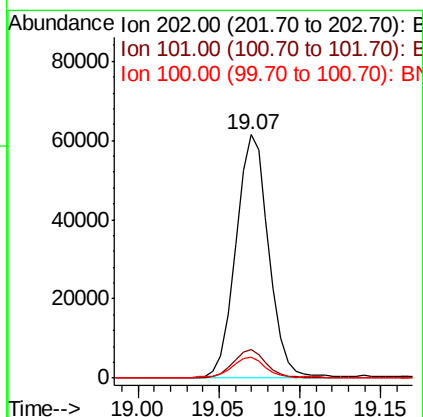
Tgt Ion:202 Resp: 86281

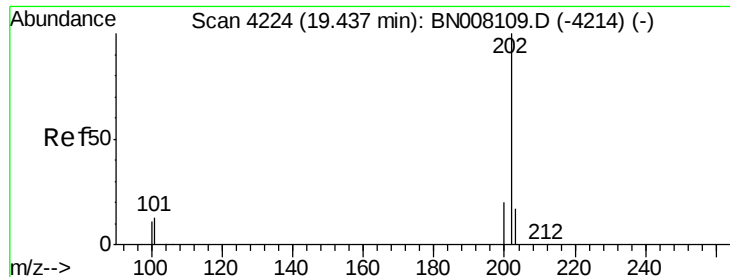
Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.2

100 8.7 0.0 28.5





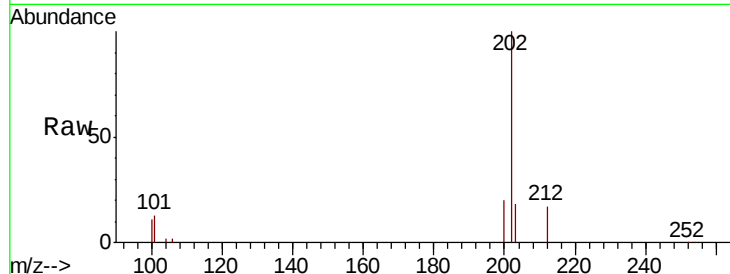
#17
Pvrene
Concen: 0.894 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008119.D
Acq: 12 Oct 2019 18:56

Instrument :
BNA_N
ClientSampleId :
BEPD3

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.9	16.3
100	10.6	8.7	13.1

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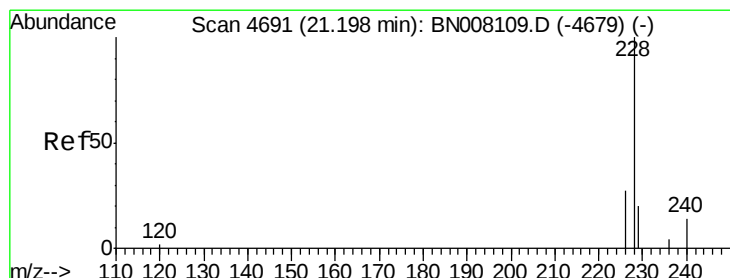
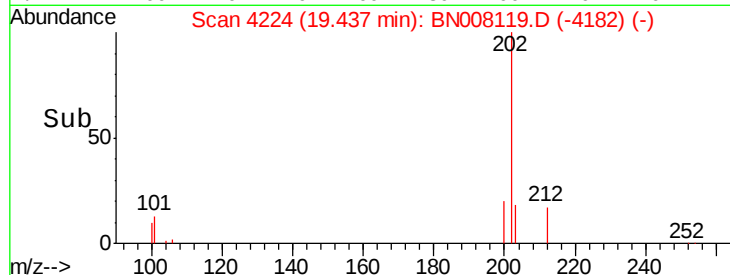
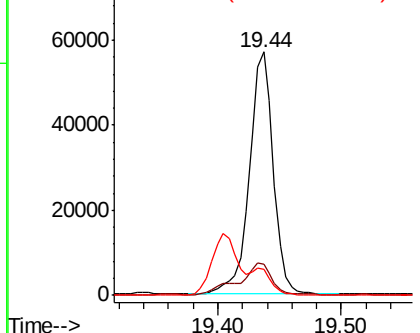


Abundance

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: 0.594 ng/ul m
RT: 21.19 min Scan# 4688
Delta R.T. -0.01 min
Lab File: BN008119.D
Acq: 12 Oct 2019 18:56

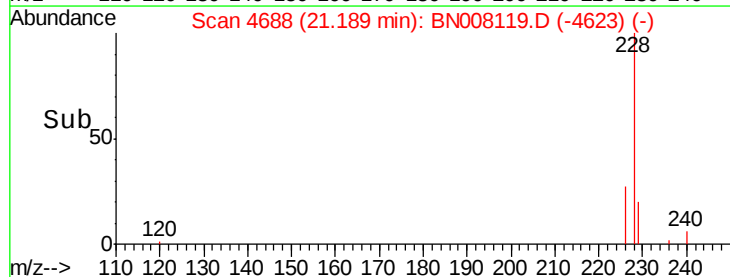
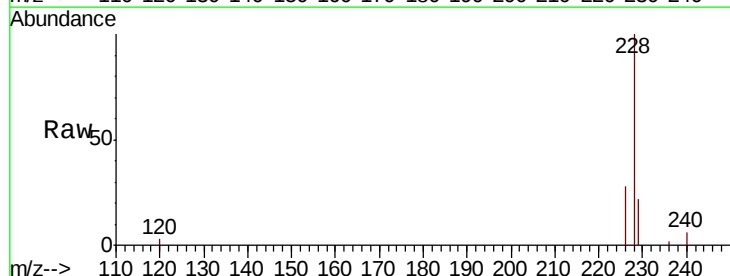
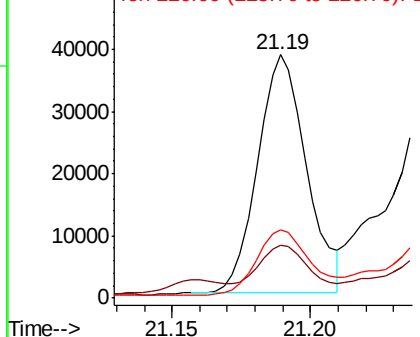
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	28.2	21.4	32.0

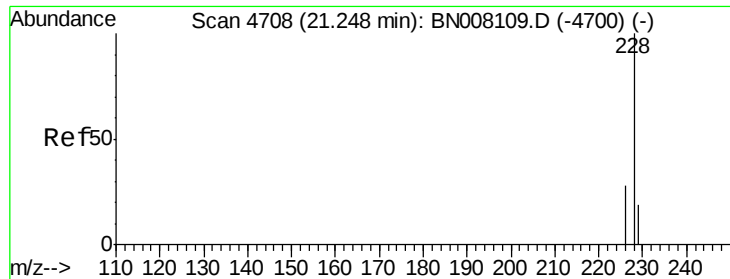
Abundance

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: 0.532 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Instrument :

BNA_N

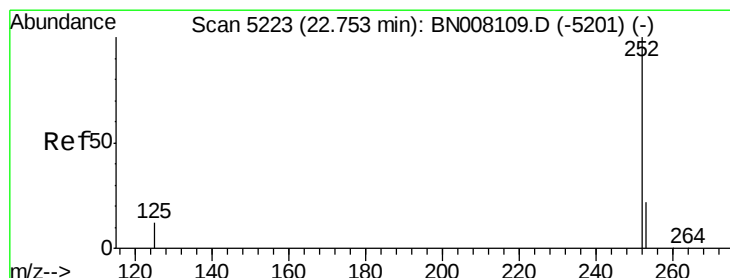
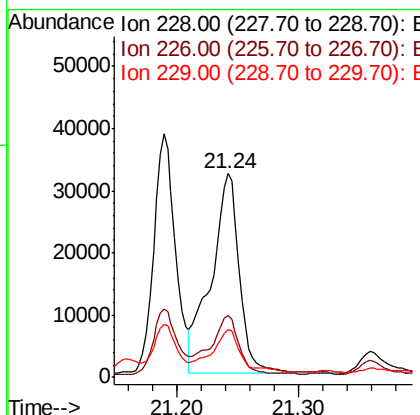
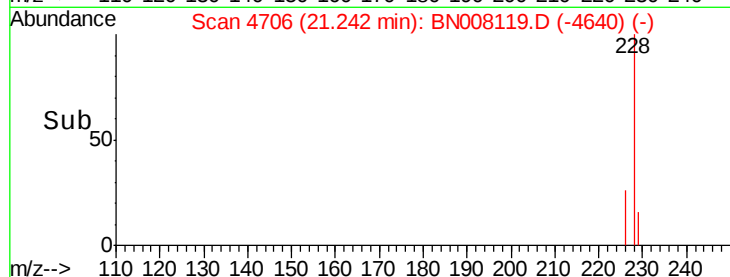
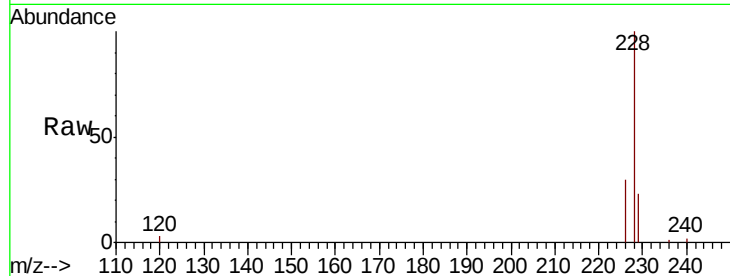
ClientSampleId :

BEPD3

Tot Ion:	228	Resp:	51795
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	23.4	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 1.107 ng/ul m

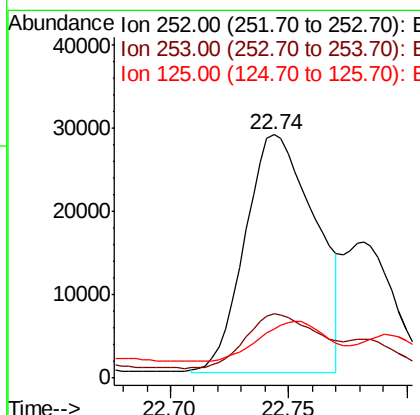
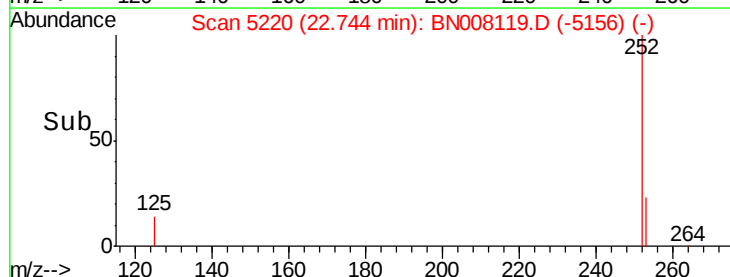
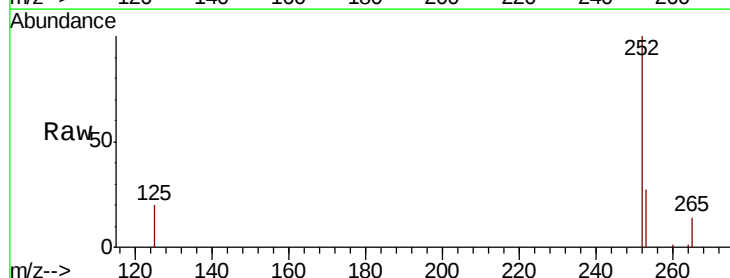
RT: 22.74 min Scan# 5220

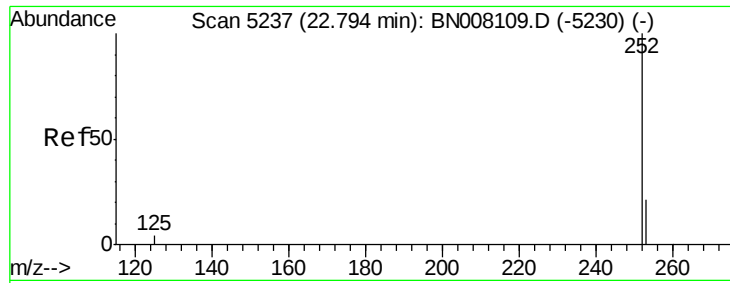
Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Tgt Ion:	252	Resp:	59493
Ion Ratio	Lower	Upper	
252	100		
253	26.6	0.0	53.4
125	20.2	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.326 ng/ul m

RT: 22.78 min Scan# 5233

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Instrument :

BNA_N

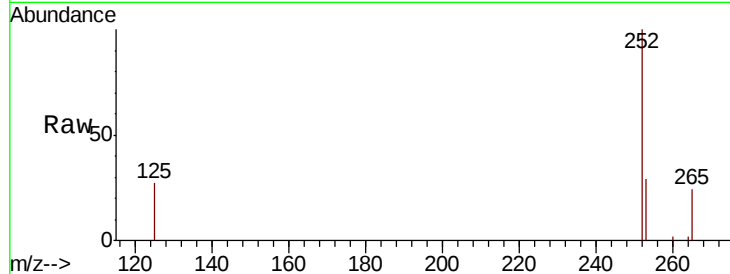
ClientSampleId :

BEPD3

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.0	21.3	31.9
125	27.0	12.3	18.5#

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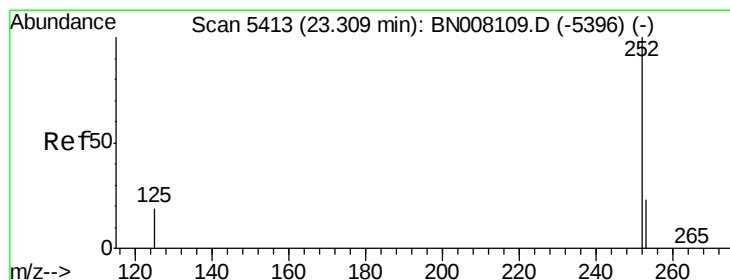
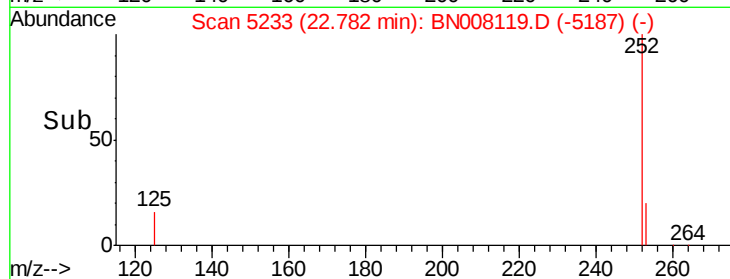
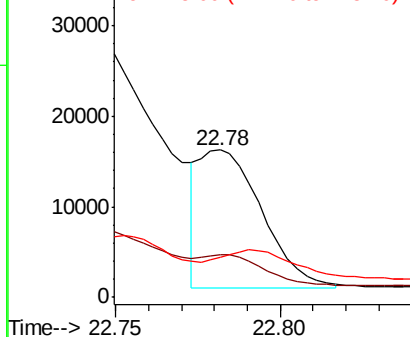


Abundance

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: 0.603 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

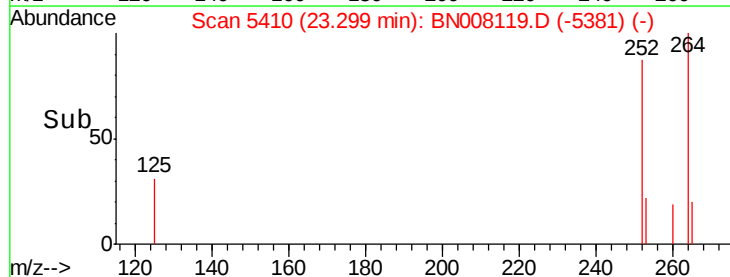
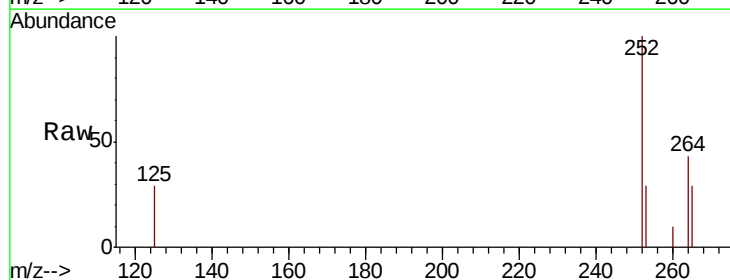
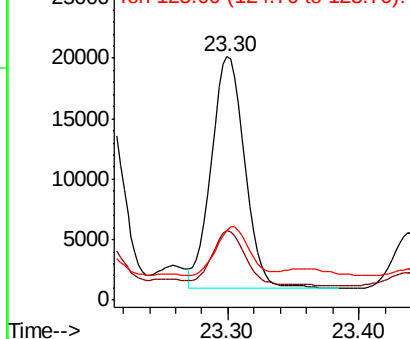
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	22.8	34.2
125	28.6	18.4	27.6#

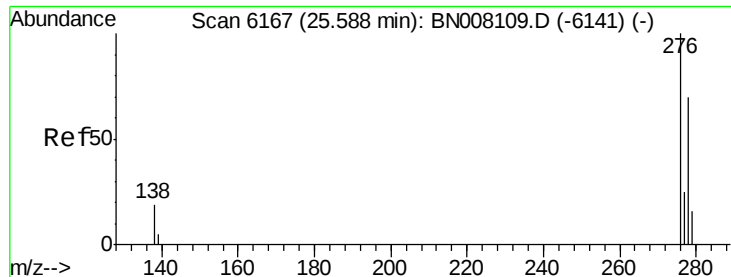
Abundance

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





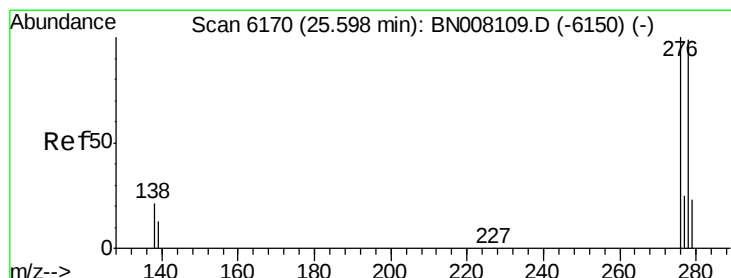
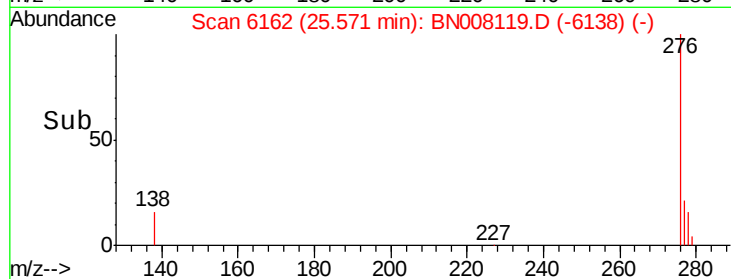
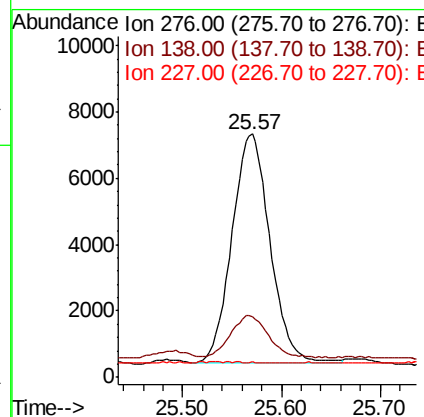
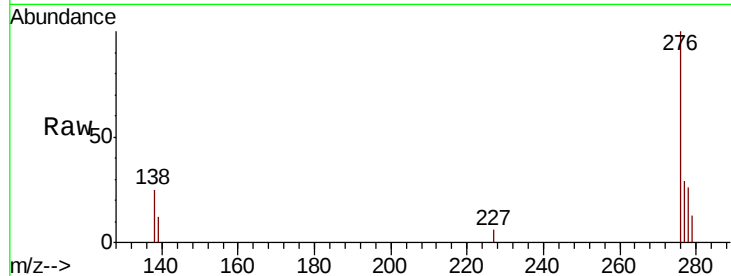
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.277 ng/ul
 RT: 25.57 min Scan# 6162
 Delta R.T. -0.02 min
 Lab File: BN008119.D
 Acq: 12 Oct 2019 18:56

Instrument :
 BNA_N
 ClientSampleID :
 BEPD3

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.1	24.1
227	0.0	0.2	0.2#

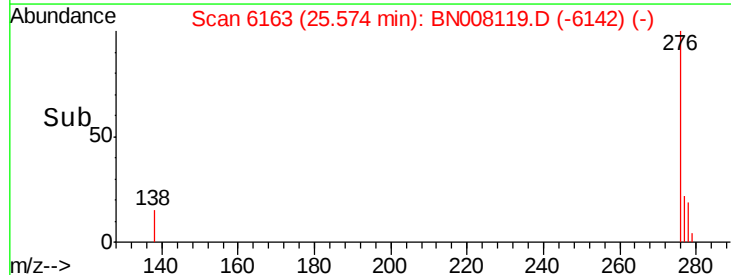
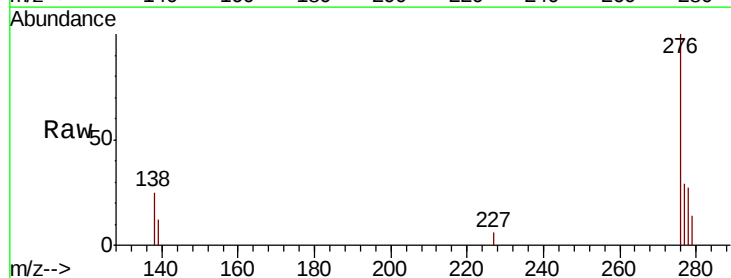
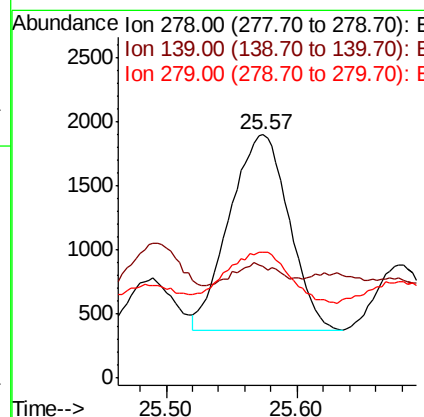
Manual Integrations
 APPROVED

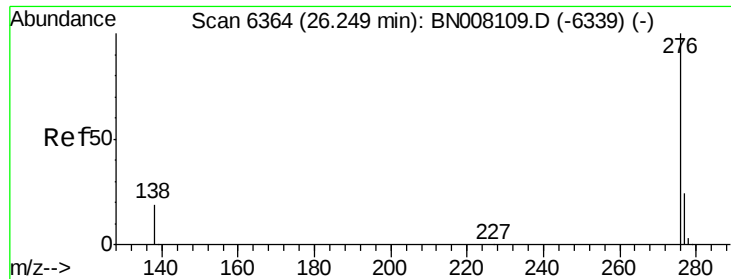
mohammad
 10/15/2019 7:59:09 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.091 ng/ul
 RT: 25.57 min Scan# 6163
 Delta R.T. -0.03 min
 Lab File: BN008119.D
 Acq: 12 Oct 2019 18:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.9	15.0	22.6#
279	51.5	22.4	33.6#





#26

Benzo(a,h,i)perylene

Concen: 0.324 ng/ul

RT: 26.23 min Scan# 6359

Delta R.T. -0.02 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Instrument :

BNA_N

ClientSampleId :

BEPD3

Tot Ion: 276 Resp: 19775

Ion Ratio Lower Upper

276 100

138 26.2 17.0 25.4#

277 28.4 20.4 30.6

Manual Integrations

APPROVED

mohammad

10/15/2019 7:59:09 AM

