

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008335.D
 Acq On : 23 Oct 2019 03:56
 Operator : JU
 Sample : K5223-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE5

Manual Integrations
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mohammad
 10/24/2019 8:05:58 AM

Quant Time: Oct 23 05:35:57 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1777	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8676	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5463	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12037m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10941	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9537	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2959	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	8383	0.20	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.02	142	403	0.024	ng/ul	98
8) Acenaphthene	14.28	153	2211	0.109	ng/ul	97
9) Fluorene	15.27	166	2254	0.098	ng/ul#	98
12) Phenanthrene	17.01	178	27405	0.778	ng/ul	99
13) Anthracene	17.10	178	6843	0.221	ng/ul	98
15) Fluoranthene	19.03	202	27616	0.593	ng/ul	96
17) Pyrene	19.39	202	23947	0.550	ng/ul#	95
18) Benzo(a)anthracene	21.16	228	12499	0.314	ng/ul	97
19) Chrysene	21.21	228	11247	0.230	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	9551m	0.308	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	3000m	0.085	ng/ul	
23) Benzo(a)pyrene	23.25	252	6497	0.199	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.50	276	2710	0.070	ng/ul#	82
25) Dibenzo(a,h)anthracene	25.51	278	704	0.023	ng/ul#	19
26) Benzo(g,h,i)perylene	26.16	276	2310	0.065	ng/ul#	80

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

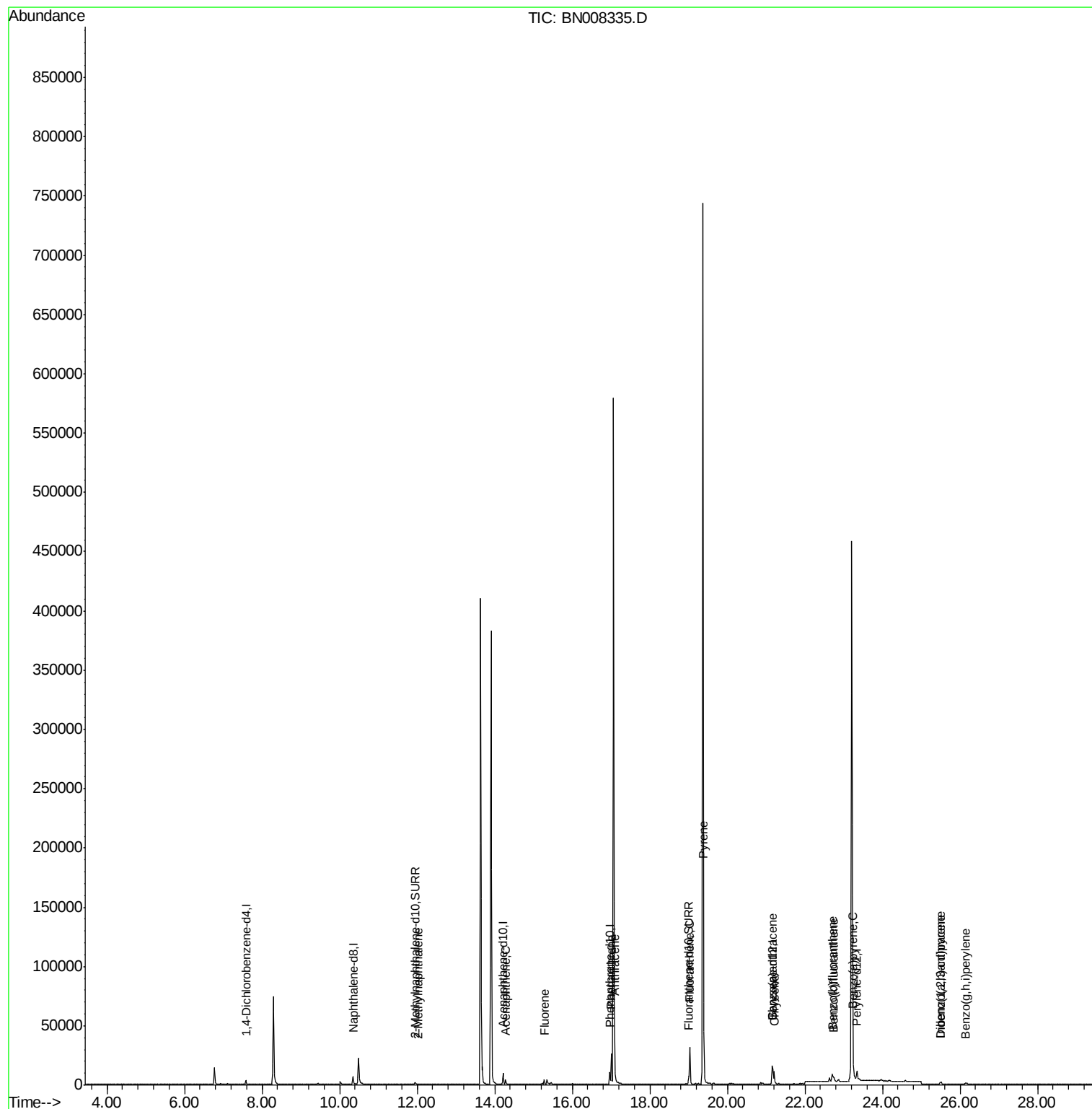
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008335.D
Acq On : 23 Oct 2019 03:56
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ALS Vial : 29 Sample Multiplier: 1

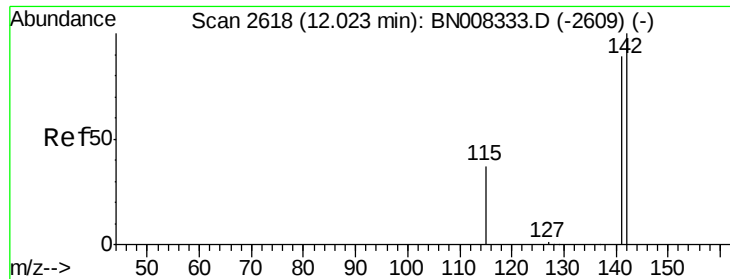
Instrument :
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BEPE5

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Quant Time: Oct 23 05:35:57 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 : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008335.D

Acq: 23 Oct 2019 03:56

Instrument :

BNA_N

ClientSampled :

BEPE5

Tot Ion:142 Resp: 403

Ion Ratio Lower Upper

142 100

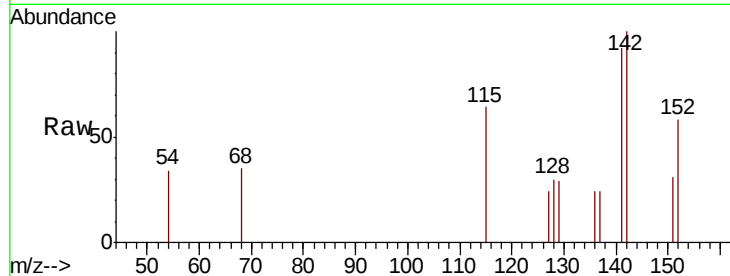
141 90.8 71.4 107.2

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.02

250

200

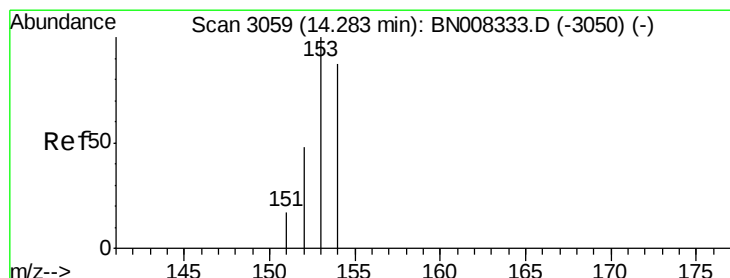
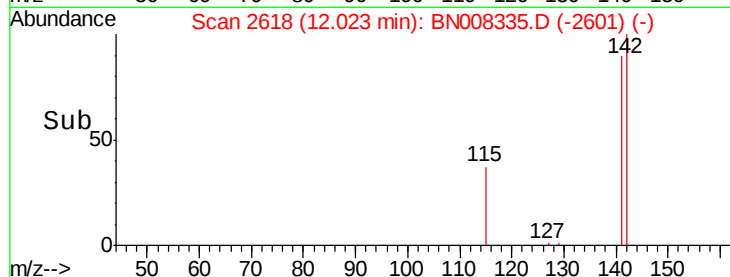
150

100

50

0

Time--> 11.90 12.00 12.10



#8

Acenaphthene

Concen: 0.109 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008335.D

Acq: 23 Oct 2019 03:56

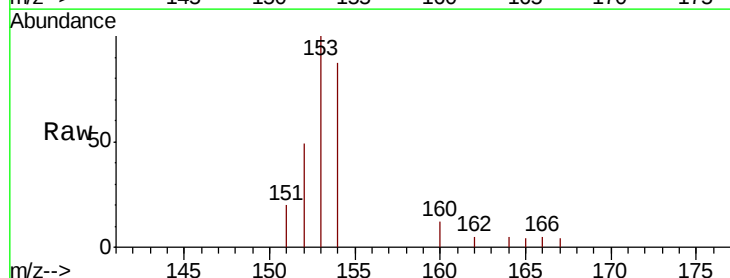
Tgt Ion:153 Resp: 2211

Ion Ratio Lower Upper

153 100

152 49.5 38.2 57.2

154 86.9 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

14.28

2000

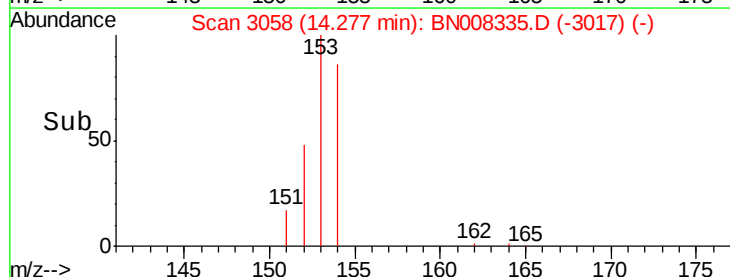
1500

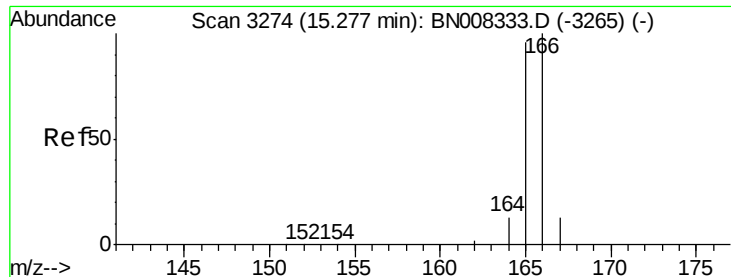
1000

500

0

Time--> 14.20 14.25 14.30 14.35





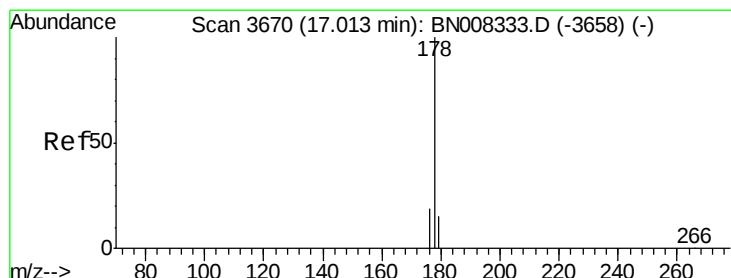
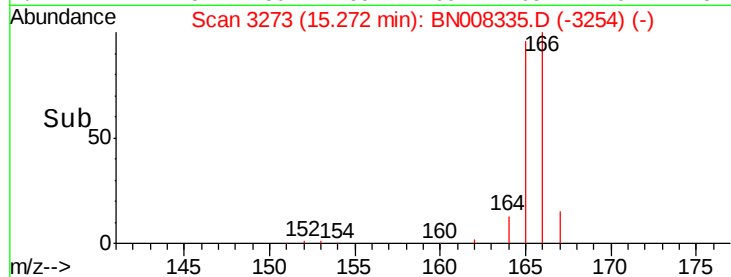
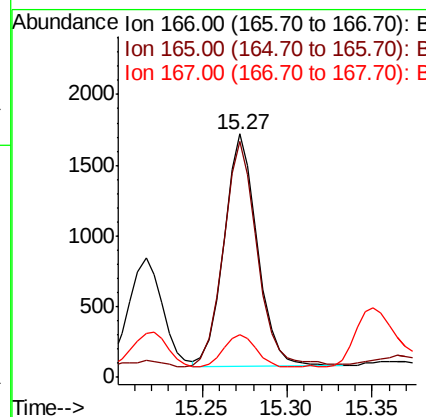
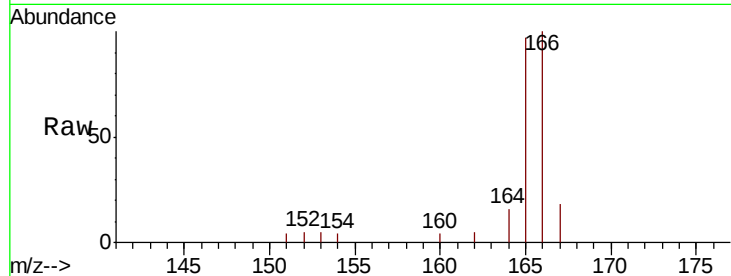
#9
Fluorene
 Concen: 0.098 ng/ul
 RT: 15.27 min Scan# 3273
 Delta R.T. -0.01 min
 Lab File: BN008335.D
 Acq: 23 Oct 2019 03:56

Instrument :
 BNA_N
 ClientSampleId :
 BEPE5

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.6	115.0
167	17.7	11.7	17.5

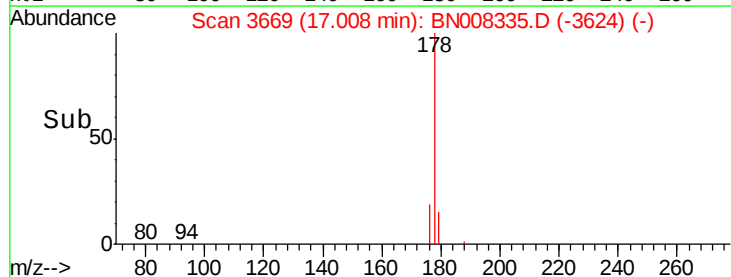
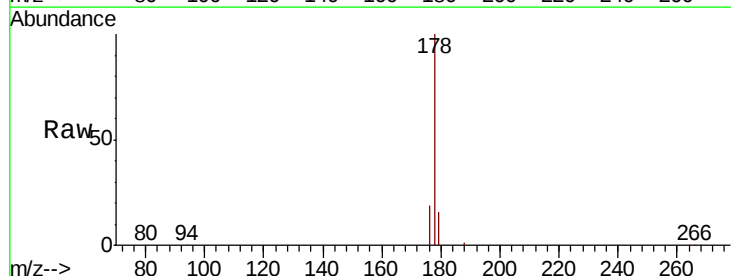
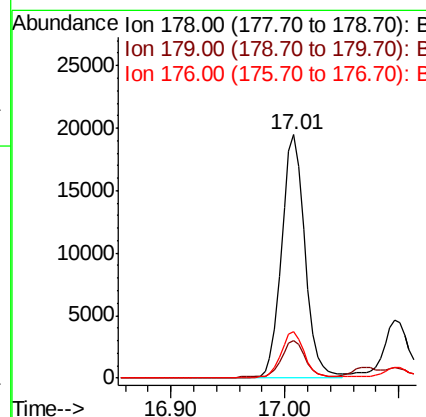
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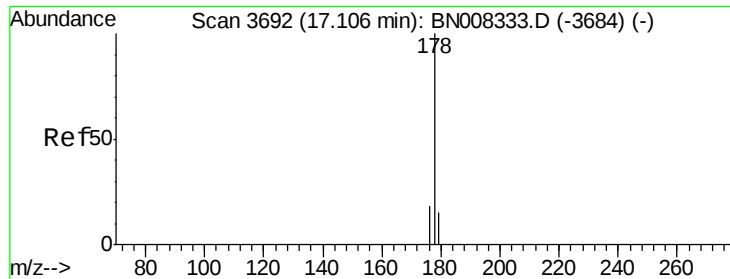
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#12
Phenanthrene
 Concen: 0.778 ng/ul
 RT: 17.01 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BN008335.D
 Acq: 23 Oct 2019 03:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.8	15.4	23.2





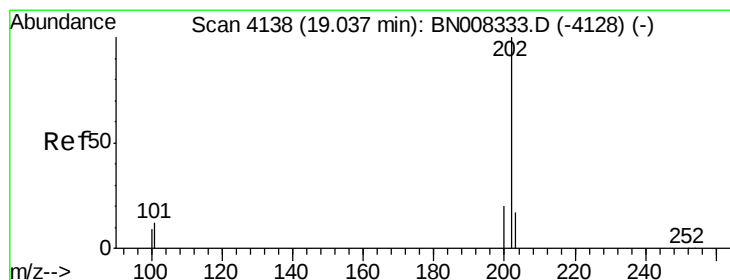
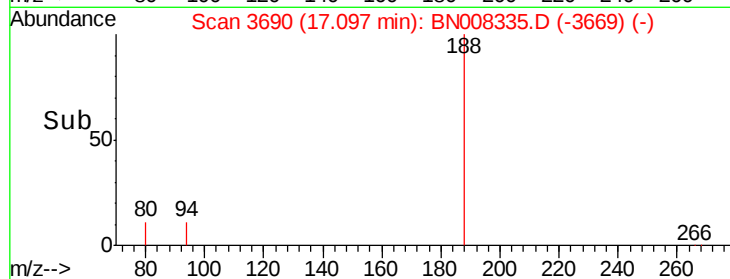
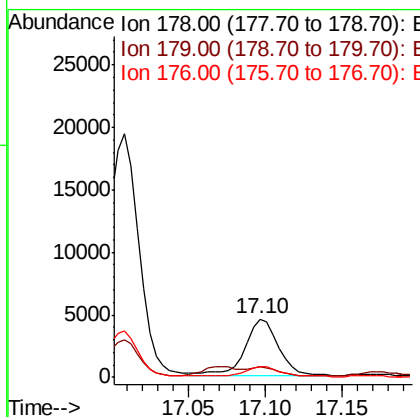
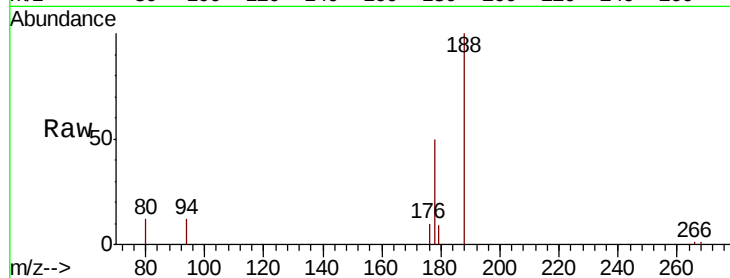
#13
 Anthracene
 Concen: 0.221 ng/ul
 RT: 17.10 min Scan# 3690
 Delta R.T. -0.01 min
 Lab File: BN008335.D
 Acq: 23 Oct 2019 03:56

Instrument :
 BNA_N
 ClientSampleId :
 BEPE5

Tot Ion:178 Resp: 6843
 Ion Ratio Lower Upper
 178 100
 179 17.9 13.0 19.6
 176 19.3 15.0 22.6

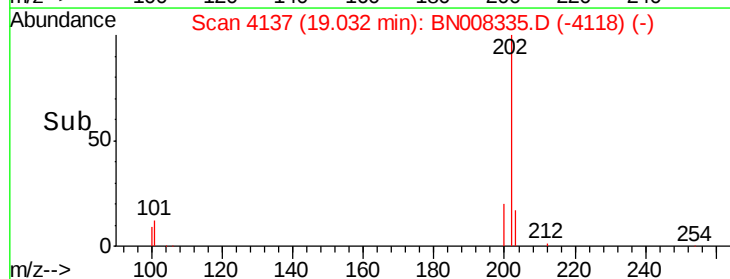
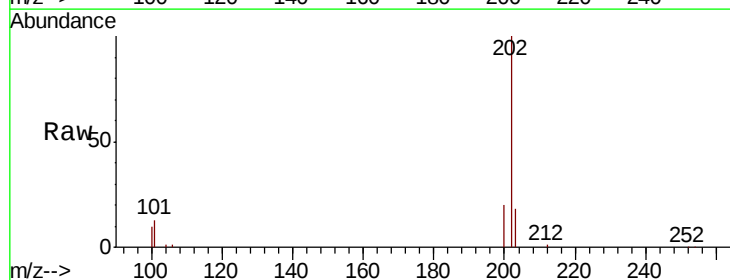
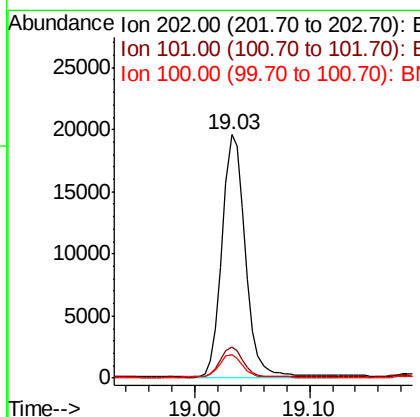
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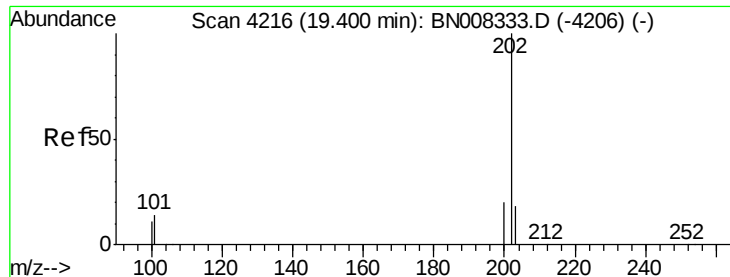
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#15
 Fluoranthene
 Concen: 0.593 ng/ul
 RT: 19.03 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN008335.D
 Acq: 23 Oct 2019 03:56

Tgt Ion:202 Resp: 27616
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 31.2
 100 9.8 0.0 28.5





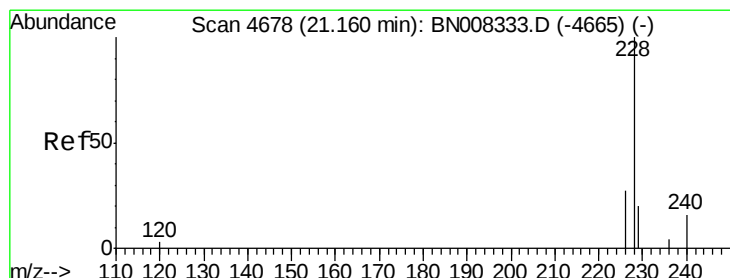
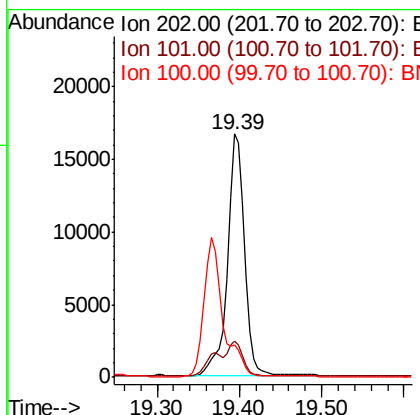
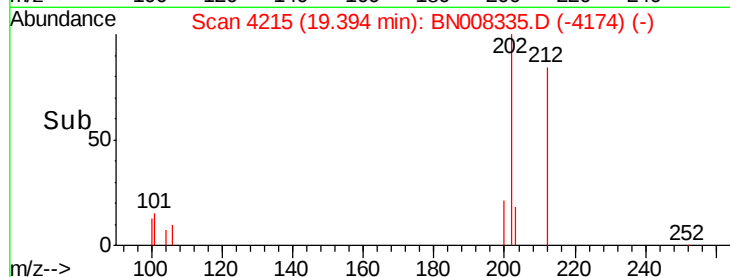
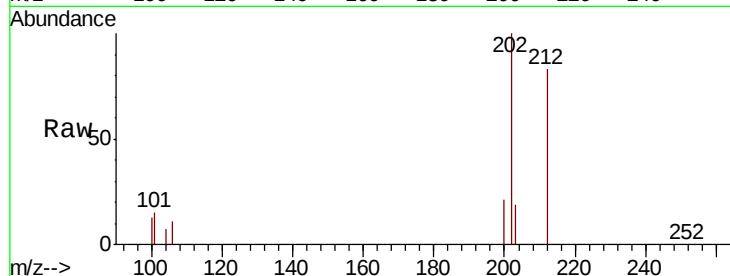
#17
Pvrene
Concen: 0.550 ng/ul
RT: 19.39 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Instrument :
BNA_N
ClientSampled :
BEPE5

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.9	16.3
100	13.3	8.7	13.1

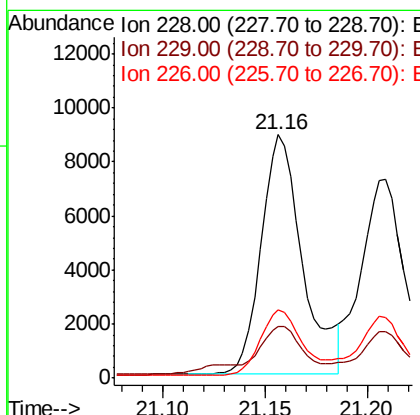
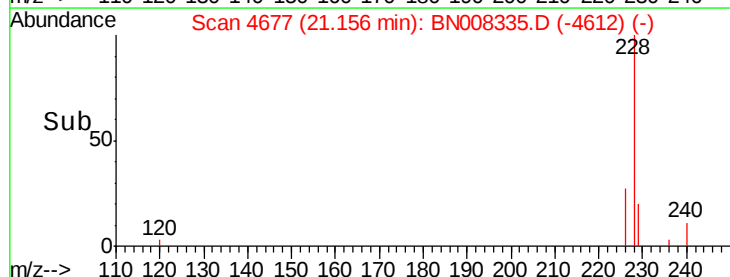
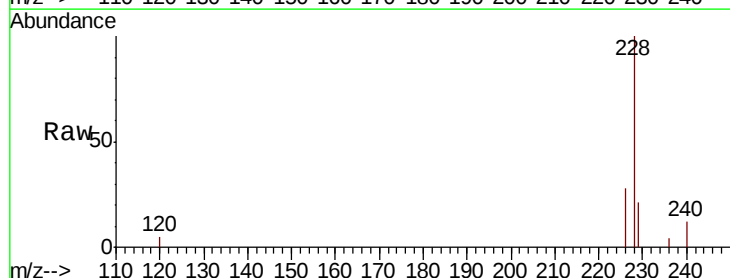
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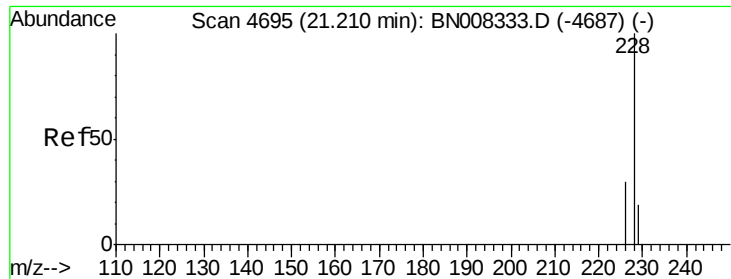
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#18
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	28.0	21.4	32.0





#19

Chrysene

Concen: 0.230 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008335.D

Acq: 23 Oct 2019 03:56

Instrument :

BNA_N

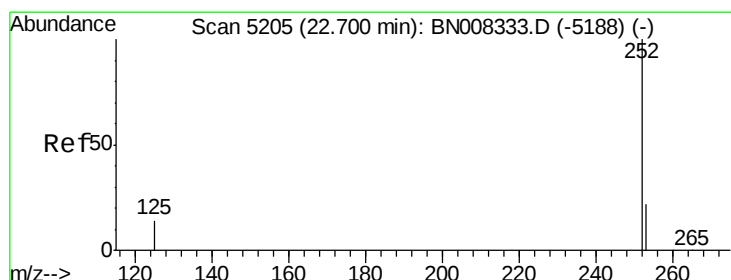
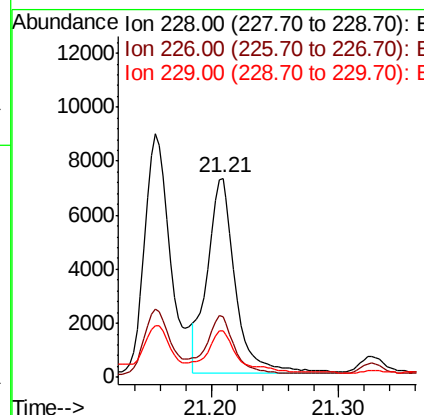
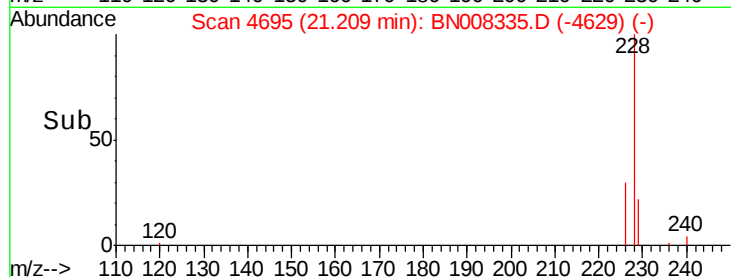
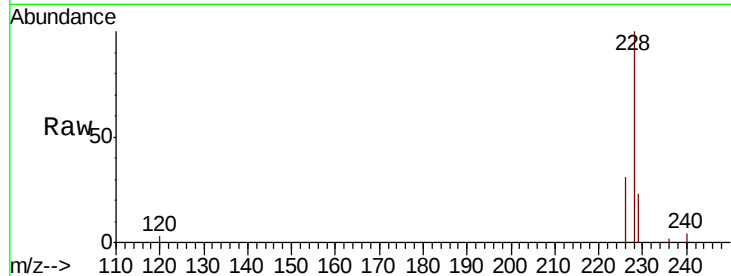
ClientSampleId :

BEPE5

Tot Ion:	228	Resp:	11247
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.1	36.1
229	23.3	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.308 ng/ul m

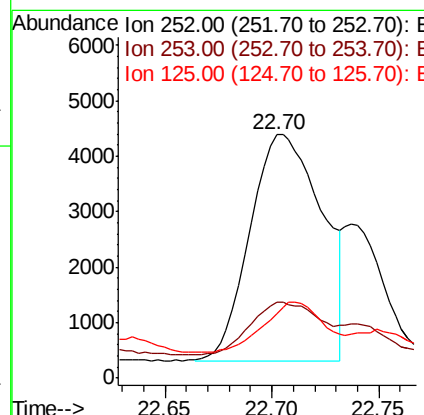
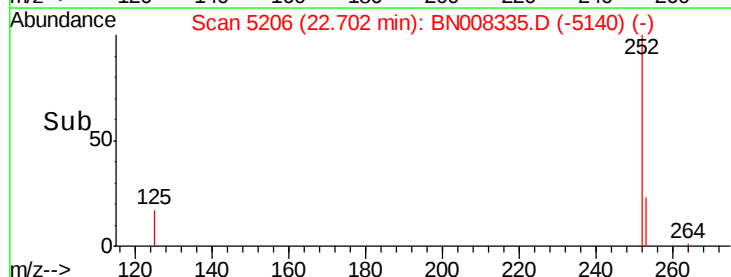
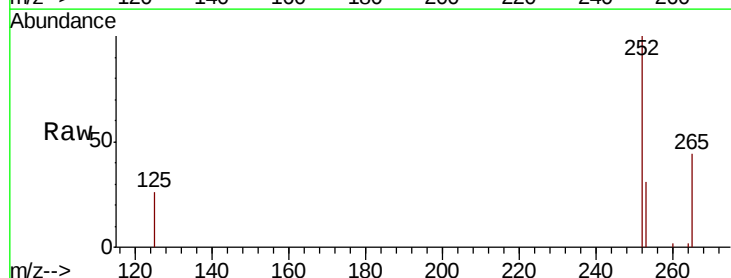
RT: 22.70 min Scan# 5206

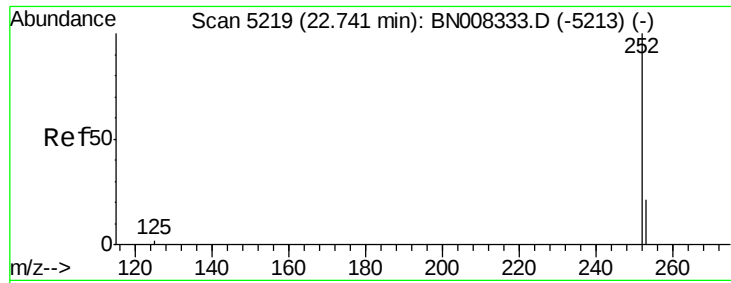
Delta R.T. -0.01 min

Lab File: BN008335.D

Acq: 23 Oct 2019 03:56

Tgt Ion:	252	Resp:	9551
Ion Ratio	Lower	Upper	
252	100		
253	31.2	0.0	53.4
125	26.4	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.085 ng/ul m

RT: 22.74 min Scan# 5218

Delta R.T. -0.02 min

Lab File: BN008335.D

Acq: 23 Oct 2019 03:56

Instrument :

BNA_N

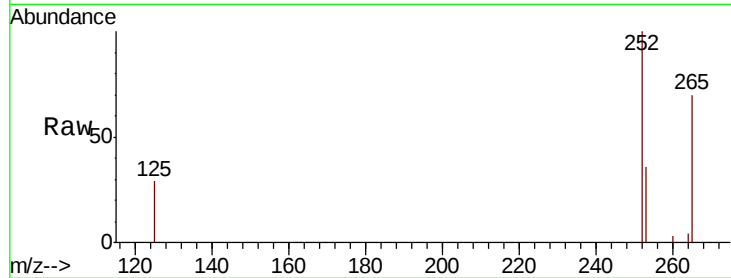
ClientSampleId :

BEPE5

Tot Ion:	252	Resp:	3000
Ion Ratio	Lower	Upper	
252	100		
253	35.5	21.3	31.9#
125	28.7	12.3	18.5#

Manual Integrations
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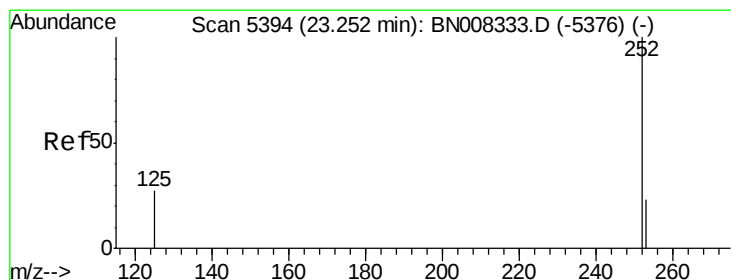
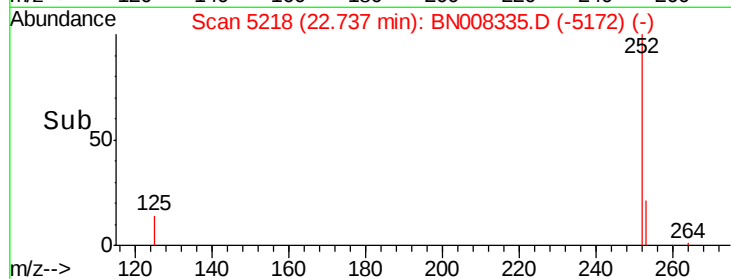
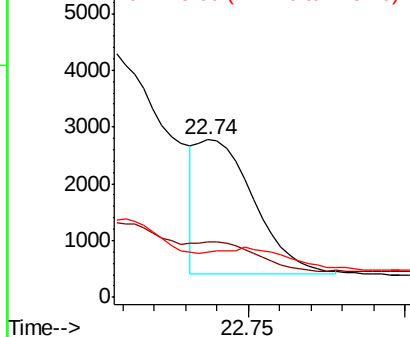


Abundance

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



#23

Benzo(a)pyrene

Concen: 0.199 ng/ul

RT: 23.25 min Scan# 5393

Delta R.T. -0.01 min

Lab File: BN008335.D

Acq: 23 Oct 2019 03:56

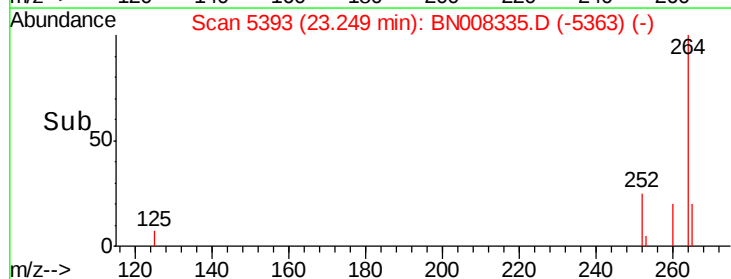
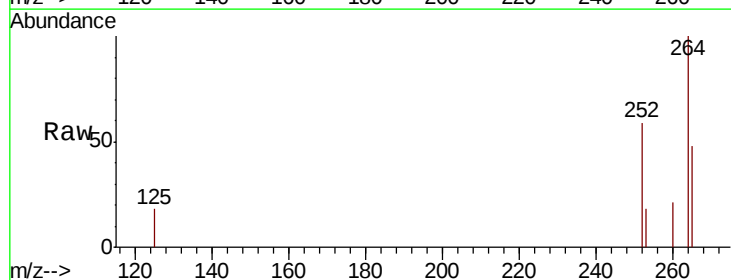
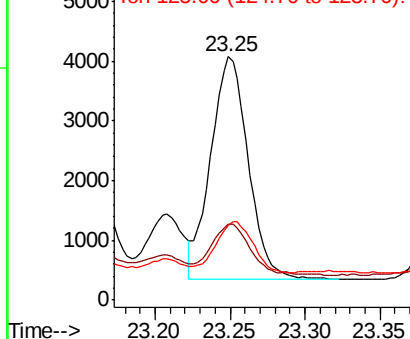
Tgt Ion:	252	Resp:	6497
Ion Ratio	Lower	Upper	
252	100		
253	31.3	22.8	34.2
125	30.8	18.4	27.6#

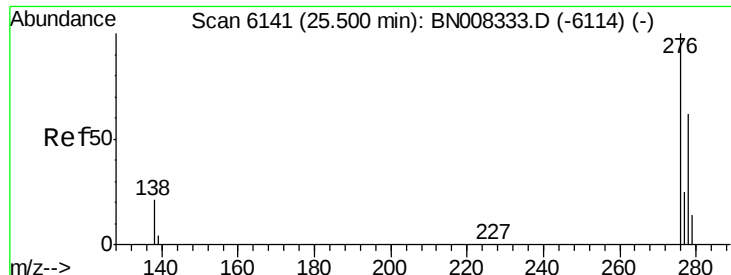
Abundance

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





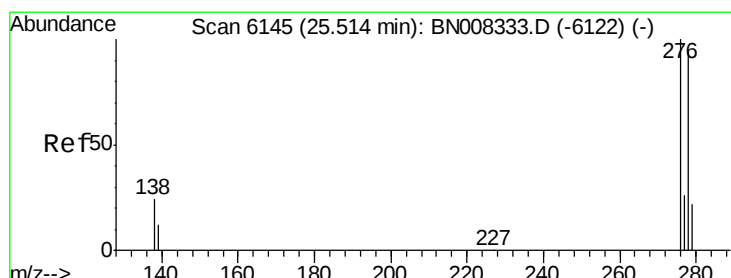
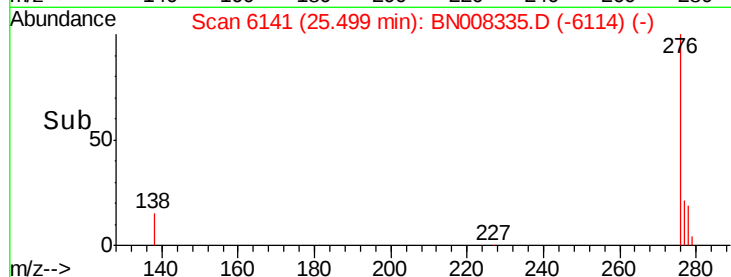
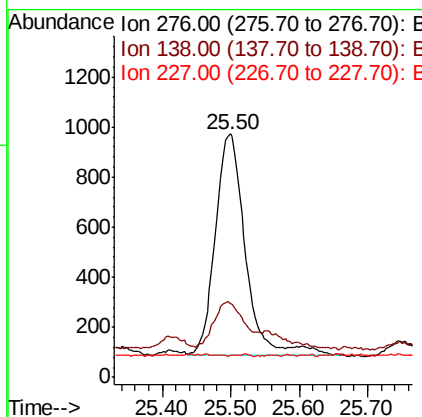
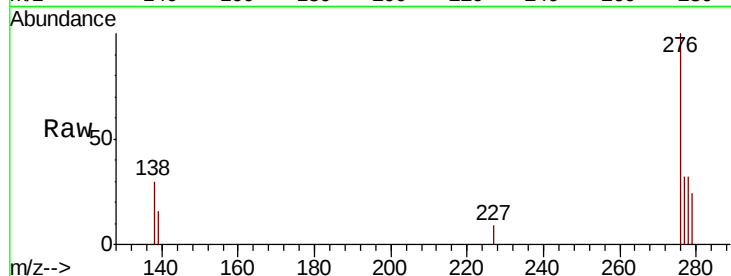
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/uL
RT: 25.50 min Scan# 6141
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Instrument :
BNA_N
ClientSampleId :
BEPE5

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	16.1	24.1#
227	0.1	0.2	0.2#

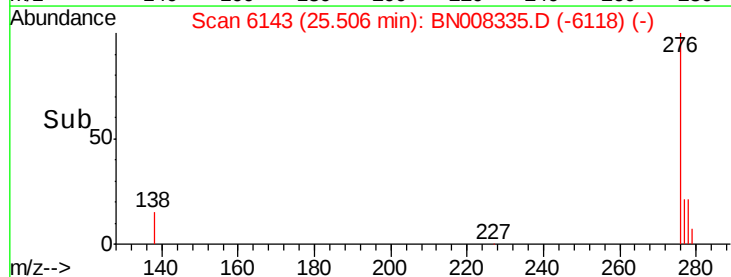
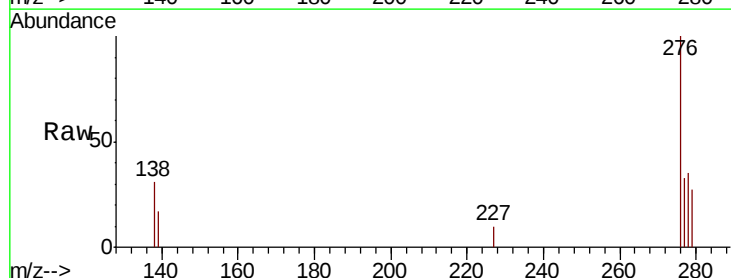
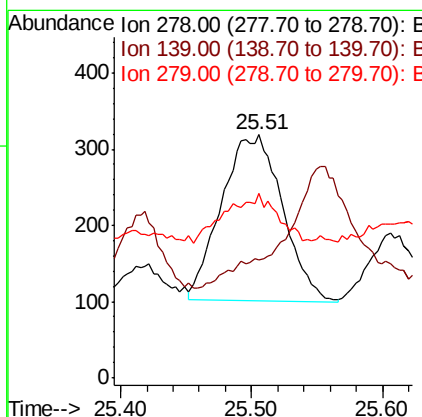
Manual Integrations
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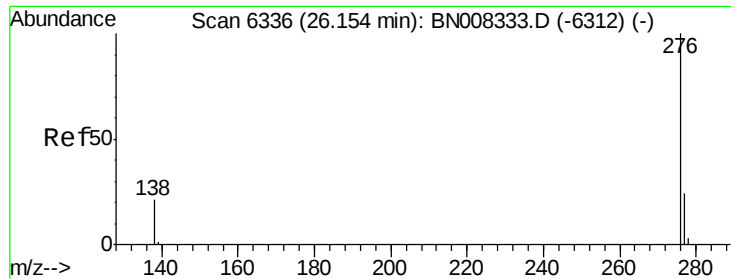
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#25
Dibenzo(a,h)anthracene
Concen: 0.023 ng/uL
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	48.6	15.0	22.6#
279	75.9	22.4	33.6#





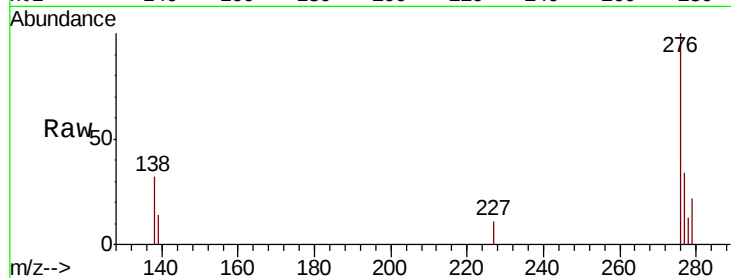
#26
 Benzo(a,h,i)perylene
 Concen: 0.065 ng/ul
 RT: 26.16 min Scan# 6337
 Delta R.T. -0.01 min
 Lab File: BN008335.D
 Acq: 23 Oct 2019 03:56

Instrument :
 BNA_N
 ClientSampleId :
 BEPE5

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.2	17.0	25.4#
277	33.7	20.4	30.6#

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:58 AM



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

