

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008323.D
 Acq On : 22 Oct 2019 20:10
 Operator : JU
 Sample : K5223-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH3

Manual Integrations
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mohammad
 10/24/2019 8:05:27 AM

Quant Time: Oct 23 02:10:19 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	1657	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8241	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5205	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11330m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10795	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9693	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3116	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	9854	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	547	0.023	ng/ul#	68
7) Acenaphthylene	13.94	152	1384	0.056	ng/ul#	81
9) Fluorene	15.27	166	501	0.023	ng/ul#	91
12) Phenanthrene	17.01	178	10363	0.312	ng/ul	100
13) Anthracene	17.10	178	2280	0.078	ng/ul#	93
15) Fluoranthene	19.03	202	26393	0.602	ng/ul	96
17) Pyrene	19.40	202	23473m	0.546	ng/ul	
18) Benzo(a)anthracene	21.16	228	15082	0.384	ng/ul	96
19) Chrysene	21.21	228	16935	0.352	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	18453m	0.585	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	6272m	0.175	ng/ul	
23) Benzo(a)pyrene	23.25	252	12349	0.372	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.50	276	7767	0.199	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.50	278	2179	0.070	ng/ul#	64
26) Benzo(g,h,i)perylene	26.15	276	5648	0.157	ng/ul#	90

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

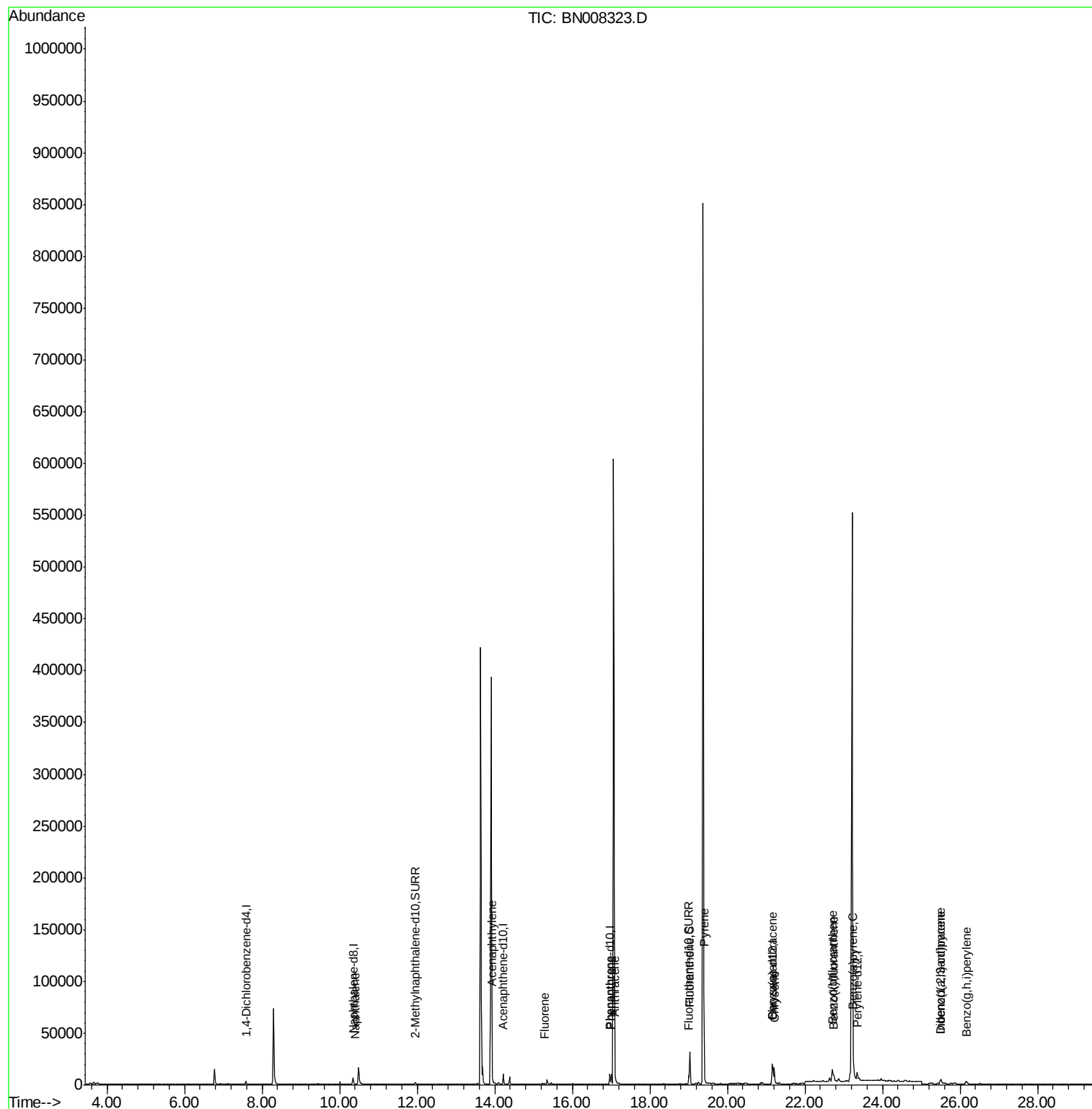
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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ALS Vial : 18 Sample Multiplier: 1

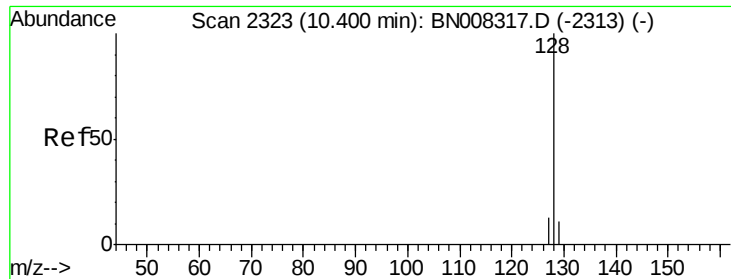
Instrument :
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QLast Update : Mon Oct 21 23:58:15 2019
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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Instrument :

BNA_N

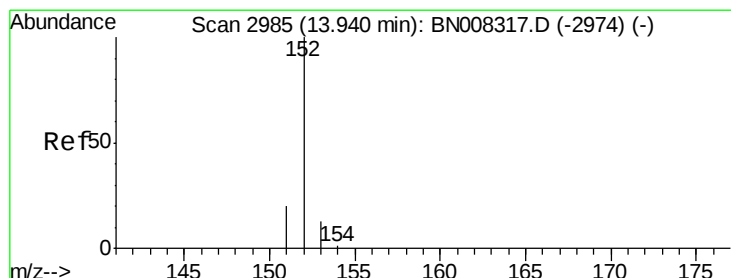
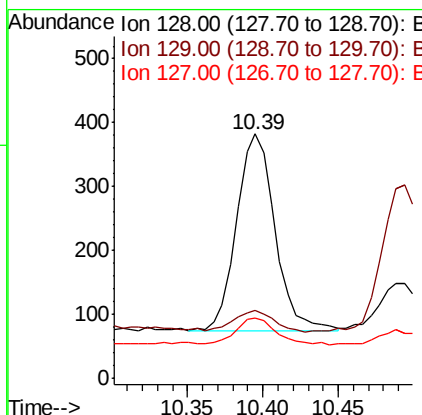
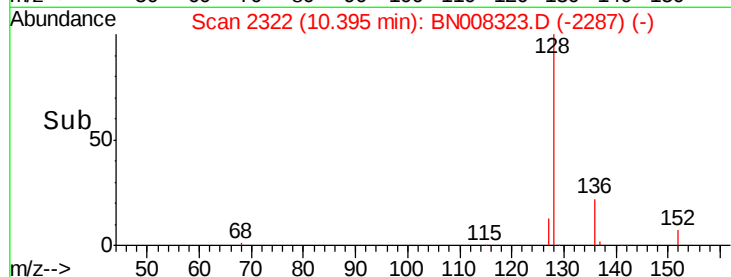
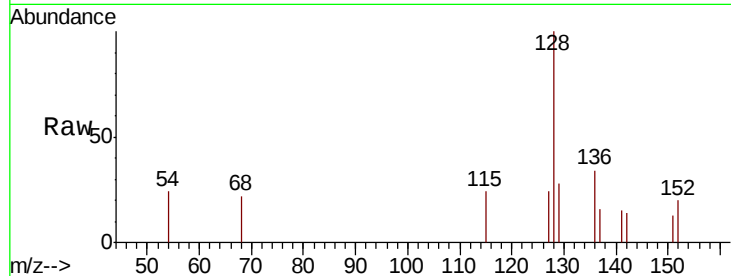
ClientSampled :

BEPH3

Tot Ion:	128	Resp:	547
Ion	Ratio	Lower	Upper
128	100		
129	27.7	9.8	14.8#
127	24.3	11.1	16.7#

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#7

Acenaphthylene

Concen: 0.056 ng/ul

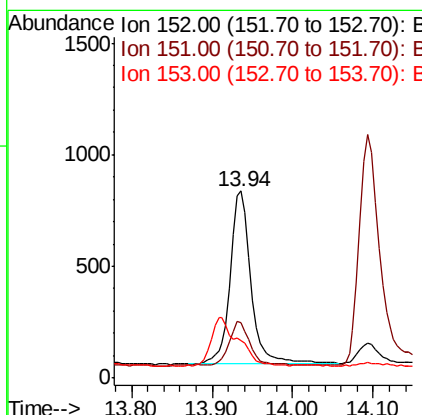
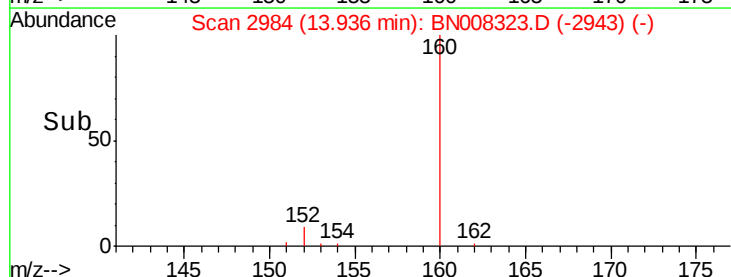
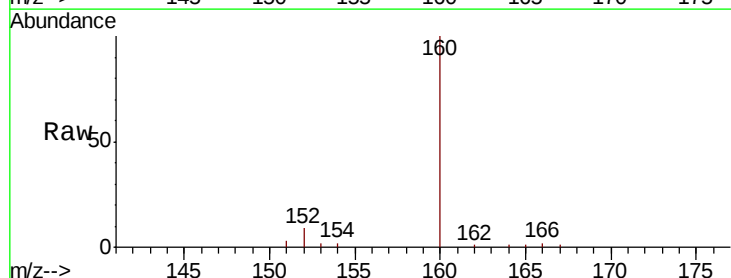
RT: 13.94 min Scan# 2984

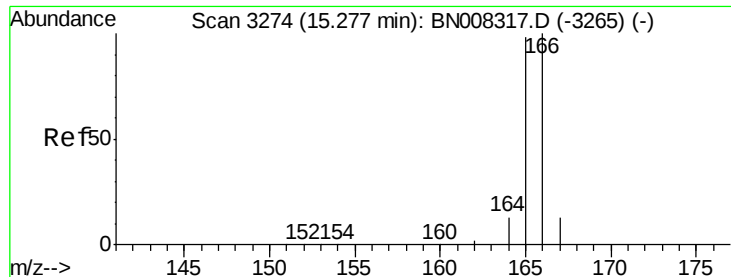
Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Tgt Ion:	152	Resp:	1384
Ion	Ratio	Lower	Upper
152	100		
151	29.6	16.2	24.4#
153	20.2	11.0	16.4#





#9

Fluorene

Concen: 0.023 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Instrument :

BNA_N

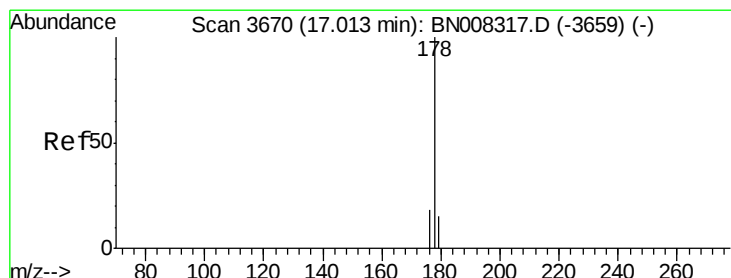
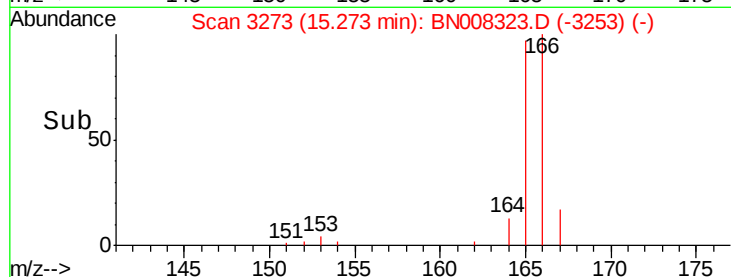
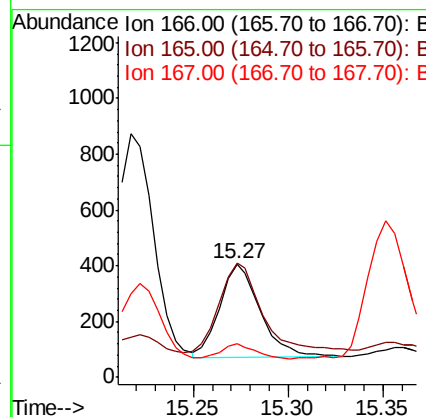
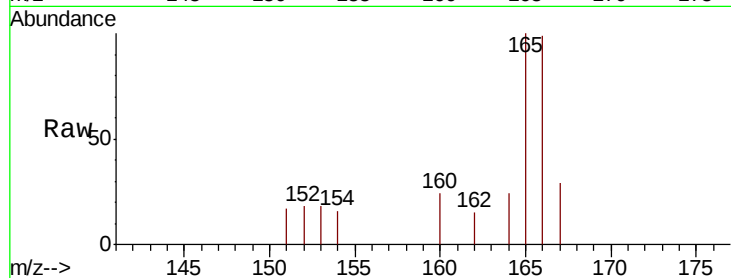
ClientSampleId :

BEPH3

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.7	76.6	115.0
167	29.2	11.7	17.5

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#12

Phenanthrene

Concen: 0.312 ng/ul

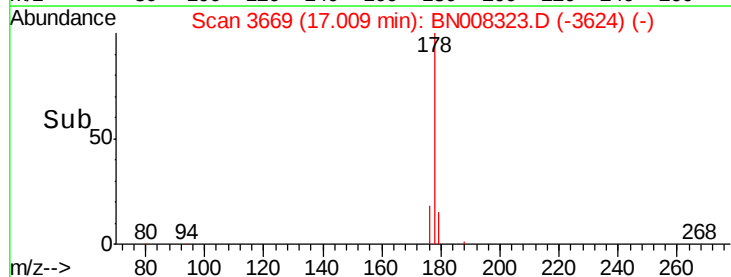
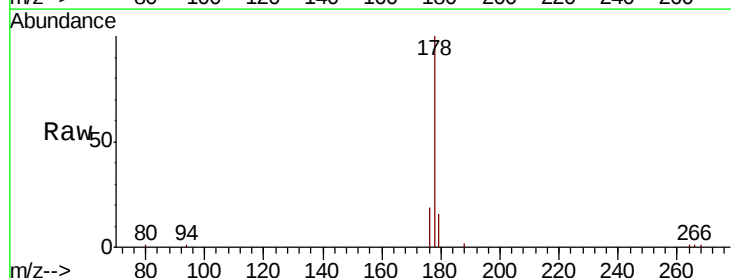
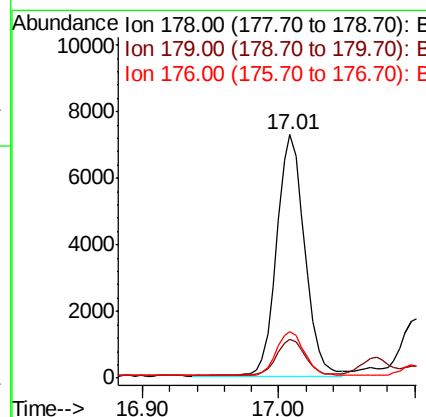
RT: 17.01 min Scan# 3669

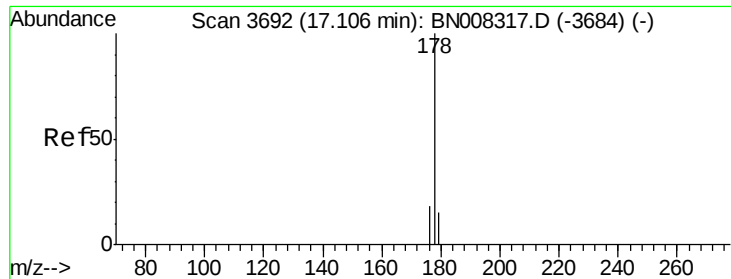
Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.3	15.4	23.2





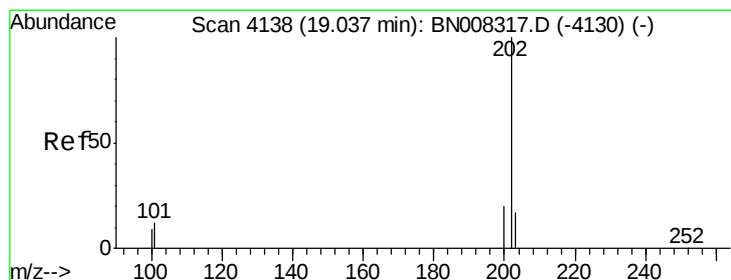
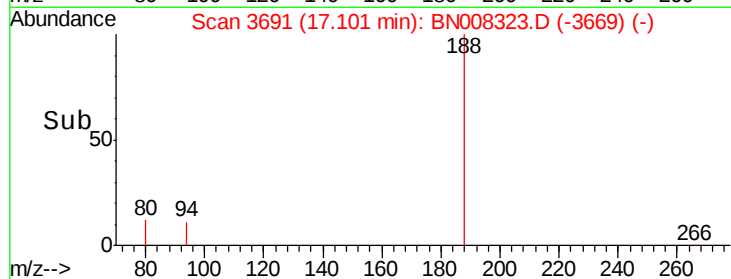
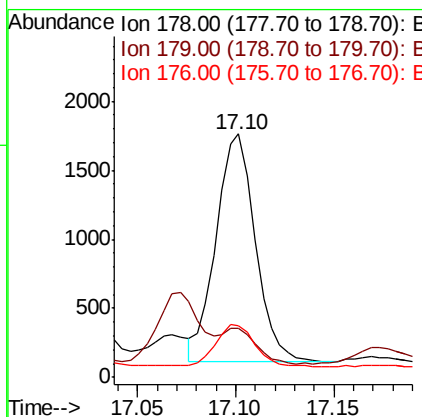
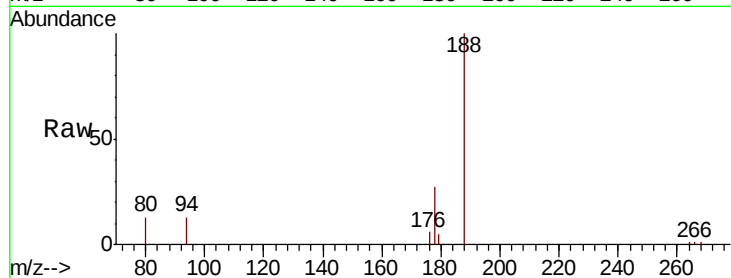
#13
 Anthracene
 Concen: 0.078 ng/ul
 RT: 17.10 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BN008323.D
 Acq: 22 Oct 2019 20:10

Instrument :
 BNA_N
 ClientSampleId :
 BEPH3

Tot Ion:178 Resp: 2280
 Ion Ratio Lower Upper
 178 100
 179 20.1 13.0 19.6#
 176 21.4 15.0 22.6

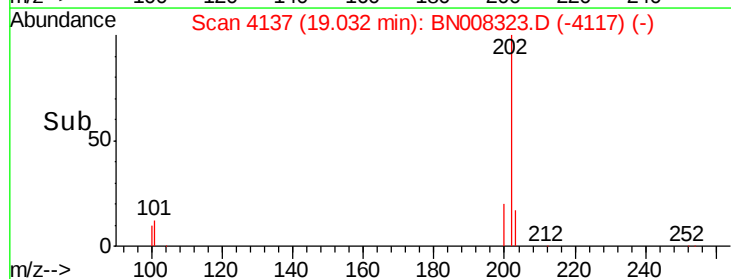
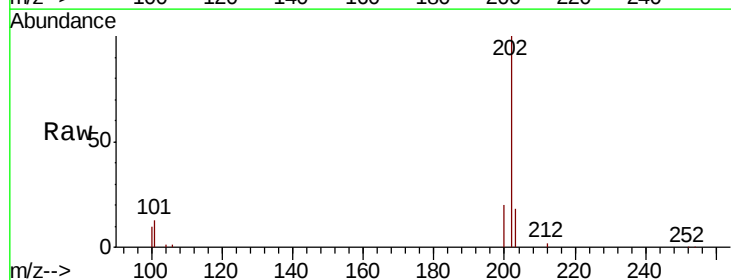
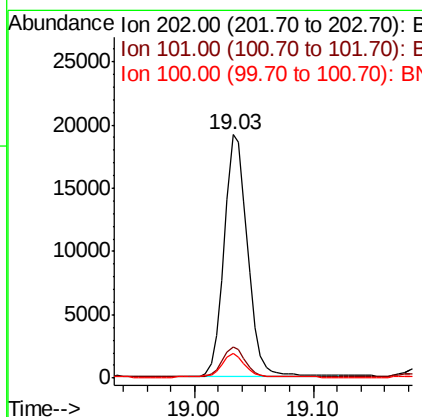
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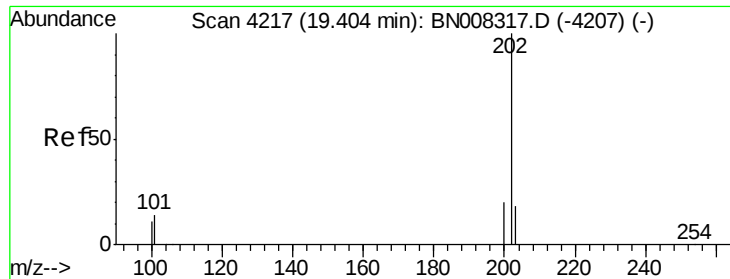
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#15
 Fluoranthene
 Concen: 0.602 ng/ul
 RT: 19.03 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN008323.D
 Acq: 22 Oct 2019 20:10

Tgt Ion:202 Resp: 26393
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 31.2
 100 10.0 0.0 28.5





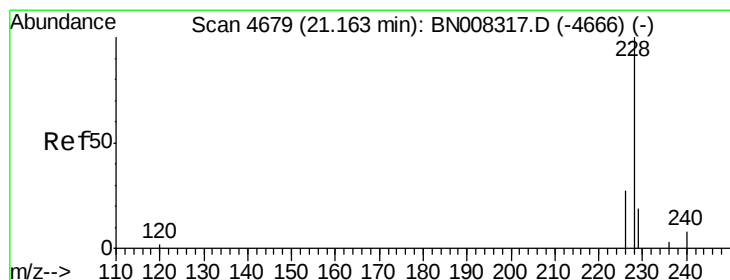
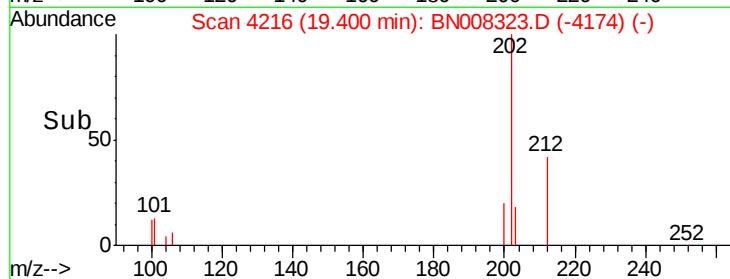
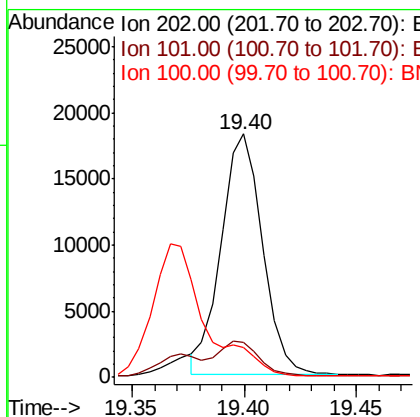
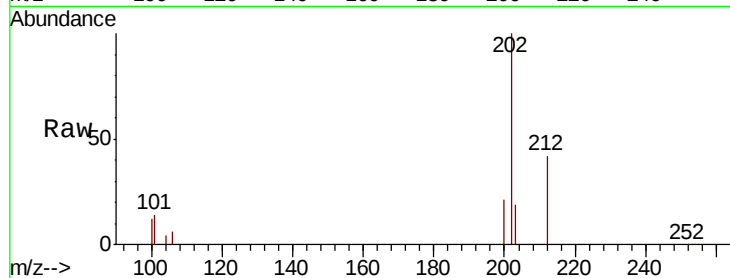
#17
Pvrene
Concen: 0.546 ng/ul m
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008323.D
Acq: 22 Oct 2019 20:10

Instrument :
BNA_N
ClientSampled :
BEPH3

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.9	16.3
100	12.0	8.7	13.1

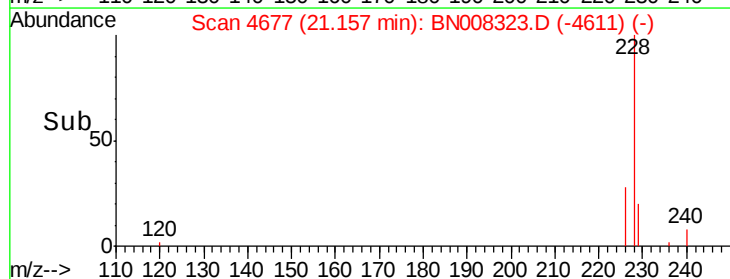
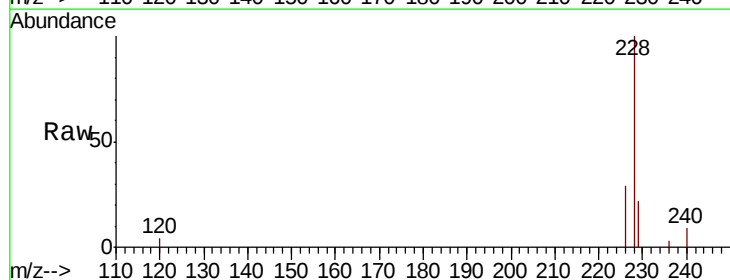
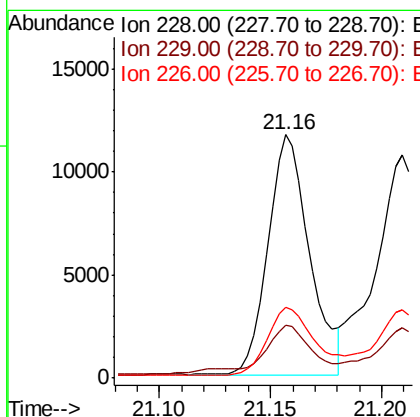
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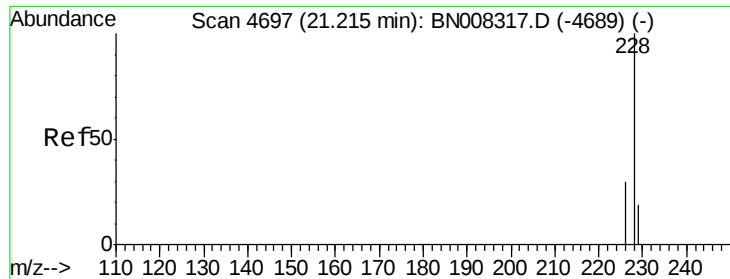
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#18
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BN008323.D
Acq: 22 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	29.0	21.4	32.0





#19

Chrysene

Concen: 0.352 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

Instrument :

BNA_N

ClientSampleId :

BEPH3

Tot Ion:228 Resp: 16935

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

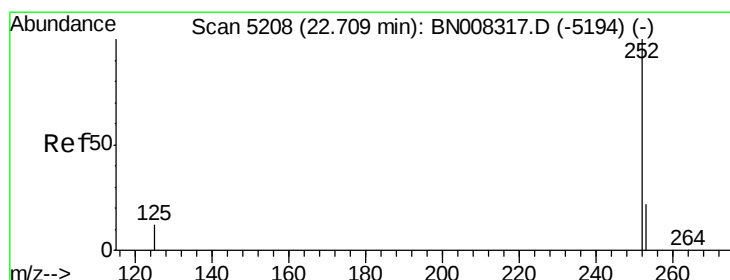
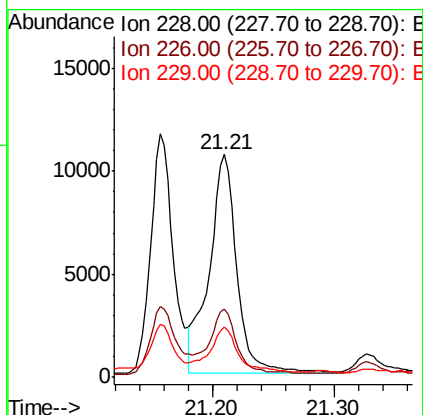
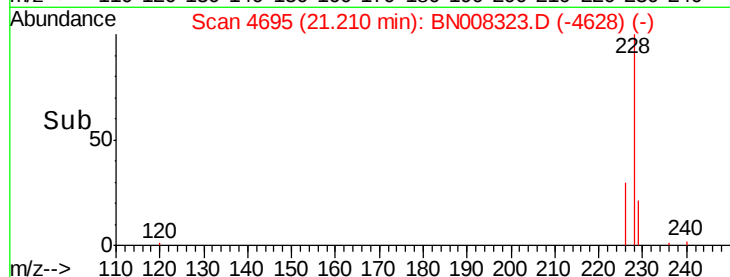
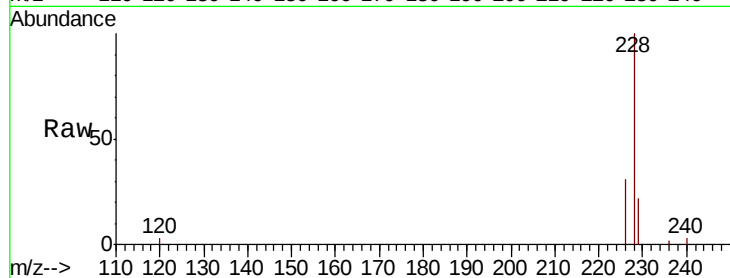
229 22.4 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 0.585 ng/ul m

RT: 22.70 min Scan# 5206

Delta R.T. -0.01 min

Lab File: BN008323.D

Acq: 22 Oct 2019 20:10

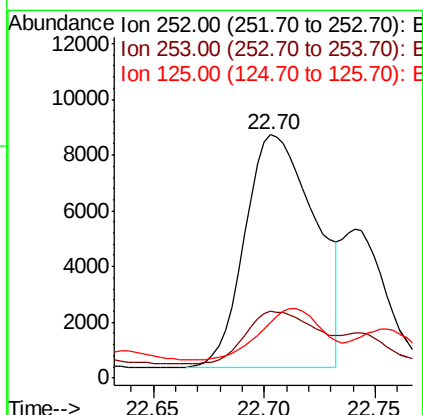
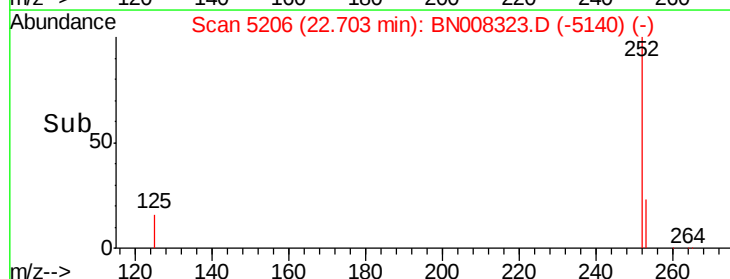
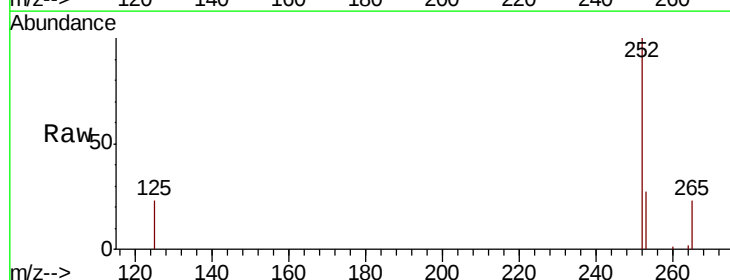
Tgt Ion:252 Resp: 18453

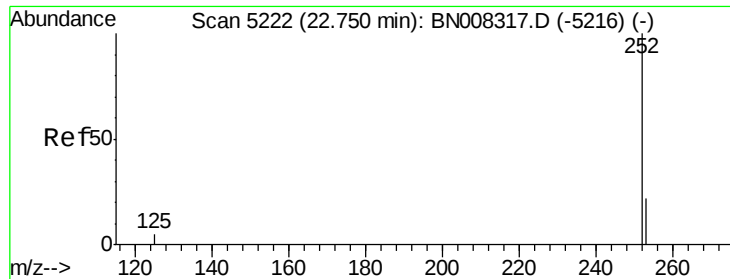
Ion Ratio Lower Upper

252 100

253 27.5 0.0 53.4

125 22.6 0.0 32.4





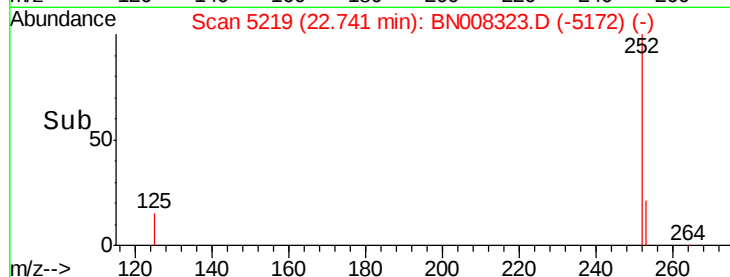
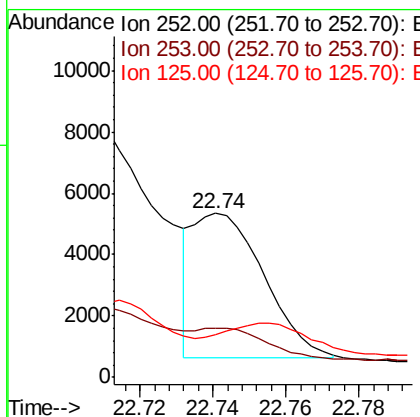
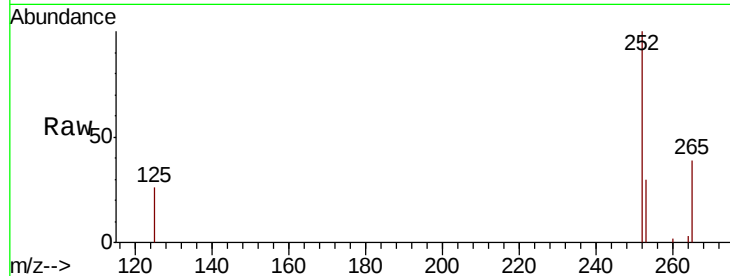
#22
Benzo(k)fluoranthene
Concen: 0.175 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN008323.D
Acq: 22 Oct 2019 20:10

Instrument :
BNA_N
ClientSampleId :
BEPH3

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.2	21.3	31.9
125	26.4	12.3	18.5#

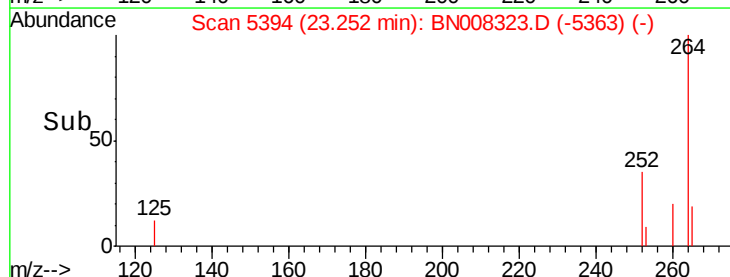
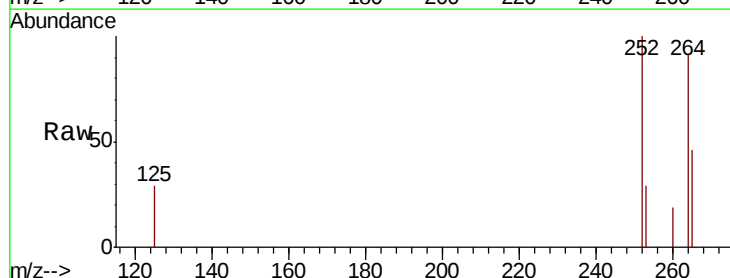
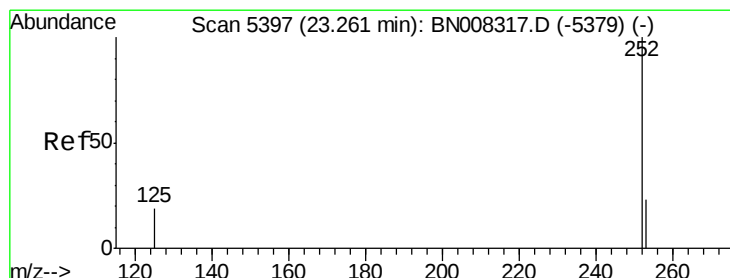
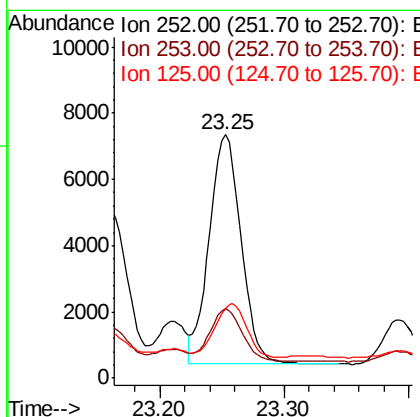
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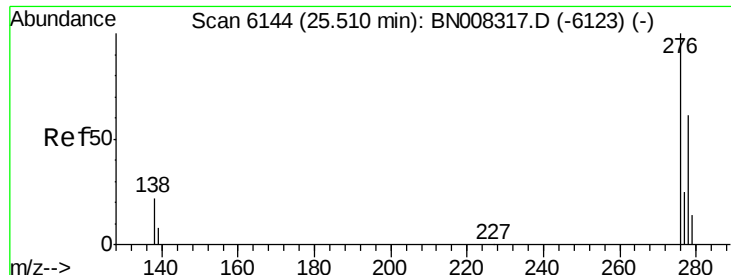
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#23
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.01 min
Lab File: BN008323.D
Acq: 22 Oct 2019 20:10

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





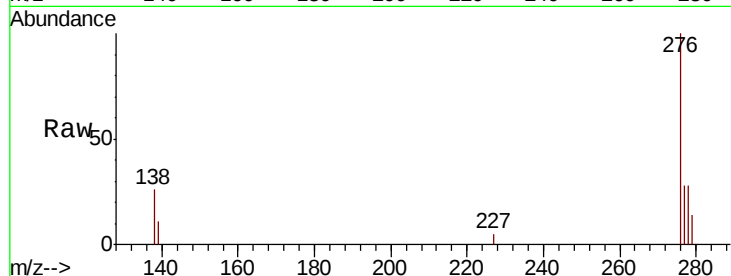
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.199 ng/ul
 RT: 25.50 min Scan# 6140
 Delta R.T. -0.01 min
 Lab File: BN008323.D
 Acq: 22 Oct 2019 20:10

Instrument :
 BNA_N
 ClientSampleId :
 BEPH3

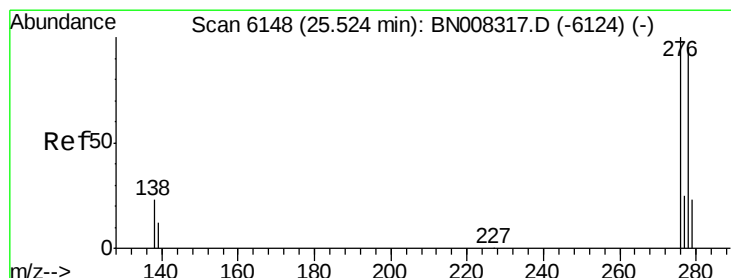
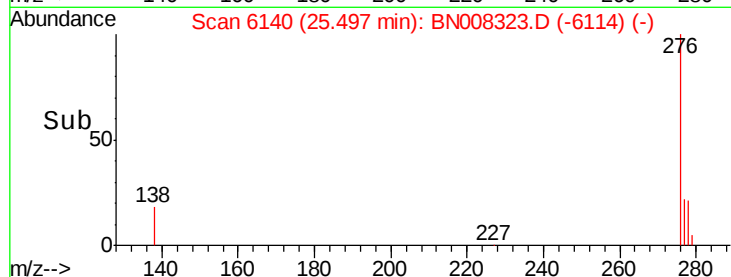
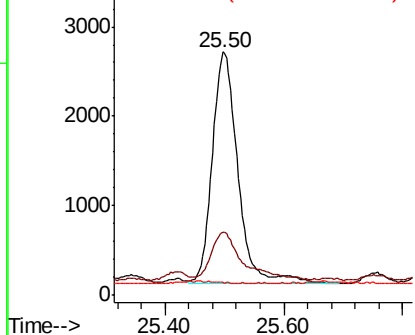
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	16.1	24.1#
227	0.0	0.2	0.2#

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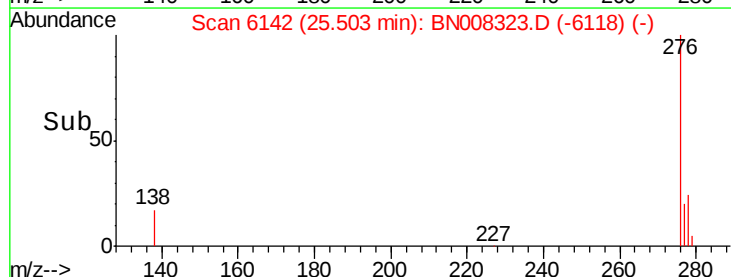
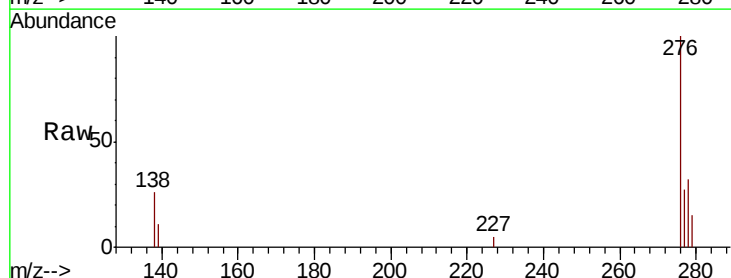
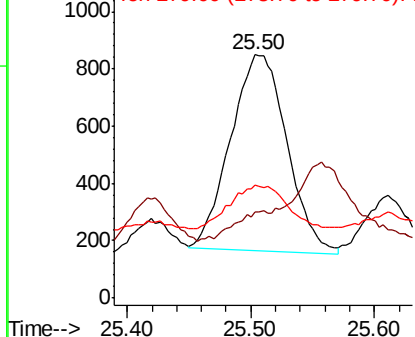
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

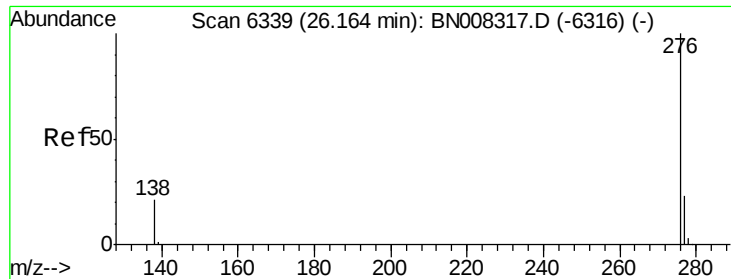


#25
 Dibenzo(a,h)anthracene
 Concen: 0.070 ng/ul
 RT: 25.50 min Scan# 6142
 Delta R.T. -0.02 min
 Lab File: BN008323.D
 Acq: 22 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.3	15.0	22.6#
279	46.6	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: 0.157 ng/ul
 RT: 26.15 min Scan# 6336
 Delta R.T. -0.01 min
 Lab File: BN008323.D
 Acq: 22 Oct 2019 20:10

Instrument :
 BNA_N
 ClientSampleId :
 BEPH3

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	17.0	25.4#
277	28.8	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:27 AM

