

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008294.D
 Acq On : 21 Oct 2019 21:50
 Operator : JU
 Sample : K5199-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPG9

Manual Integrations
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mohammad
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Quant Time: Oct 22 00:42:16 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	2114	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10197	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6306	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	13838m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12706	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10918	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4240	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	12637	0.26	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.40	128	11995	0.413	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	5410	0.272	ng/ul	99
7) Acenaphthylene	13.94	152	39675	1.321	ng/ul	99
8) Acenaphthene	14.28	153	9591	0.411	ng/ul	98
9) Fluorene	15.28	166	23206	0.875	ng/ul	98
11) Pentachlorophenol	16.63	266	136	0.041	ng/ul	97
12) Phenanthrene	17.01	178	482326	11.905	ng/ul	99
13) Anthracene	17.10	178	111339	3.123	ng/ul	99
15) Fluoranthene	19.04	202	984224	18.394	ng/ul	97
17) Pyrene	19.40	202	924795	18.280	ng/ul	99
18) Benzo(a)anthracene	21.16	228	562740	12.182	ng/ul	97
19) Chrysene	21.21	228	543969	9.595	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	591646m	16.647	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	186012m	4.620	ng/ul	
23) Benzo(a)pyrene	23.26	252	411077	10.991	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	216472	4.914	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	61500	1.766	ng/ul	99
26) Benzo(g,h,i)perylene	26.16	276	176262	4.364	ng/ul	99

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

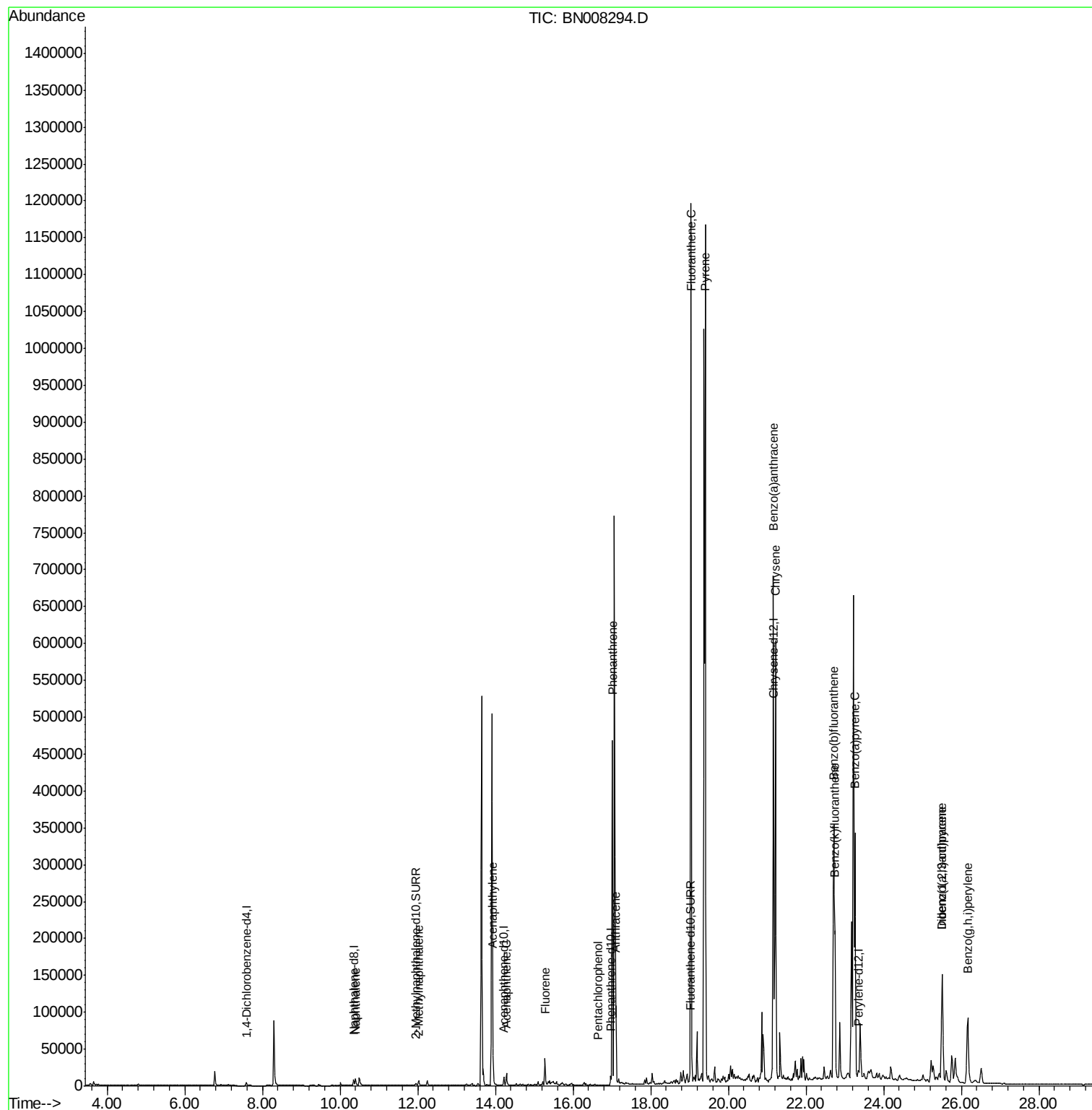
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008294.D
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Sample : K5199-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

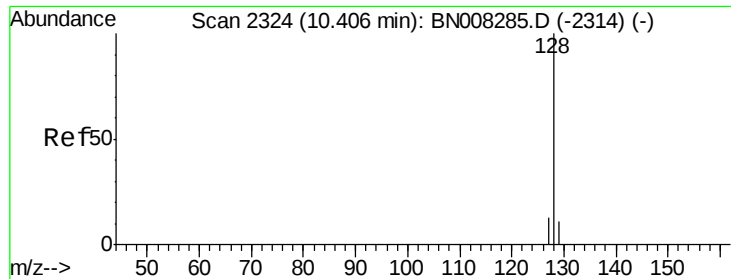
Instrument :
BNA_N
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BEPG9

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Quant Time: Oct 22 00:42:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 23:58:15 2019
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#3

Naphthalene

Concen: 0.413 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

Instrument :

BNA_N

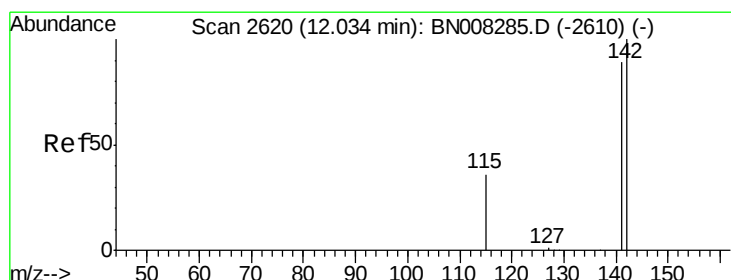
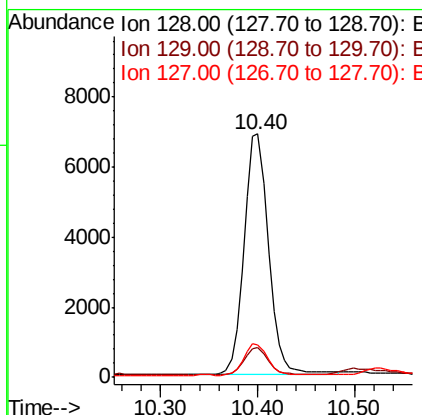
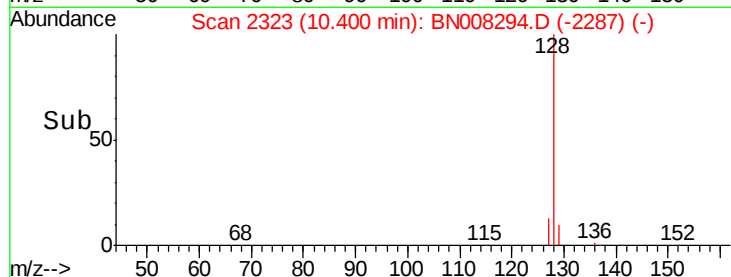
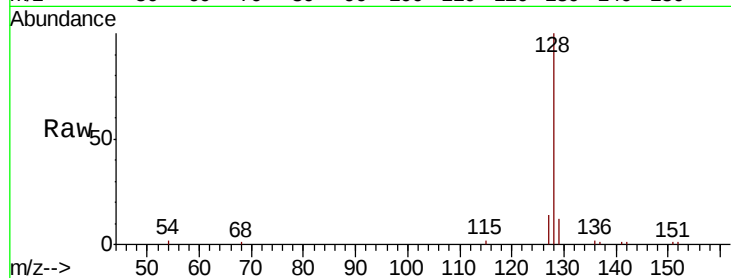
ClientSampleId :

BEPG9

Tot Ion:	128	Resp:	11995
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.8	14.8
127	13.5	11.1	16.7

Manual Integrations
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#5

2-Methylnaphthalene

Concen: 0.272 ng/ul

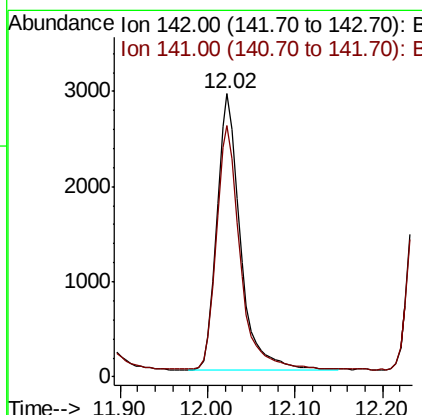
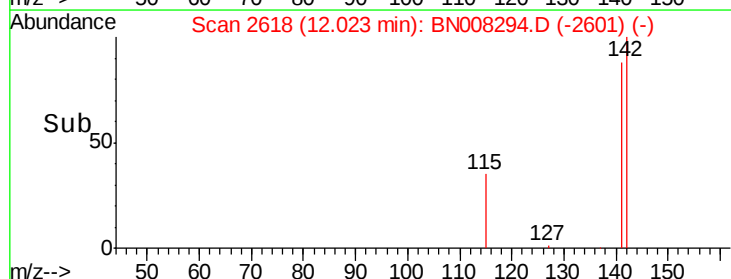
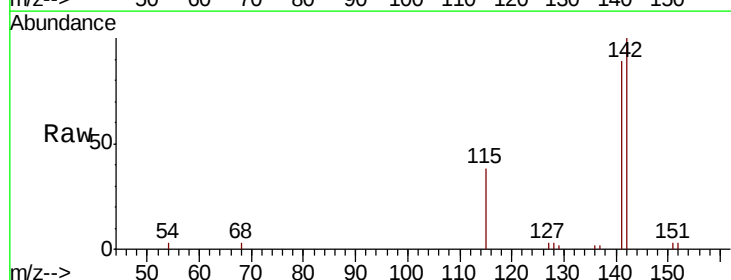
RT: 12.02 min Scan# 2618

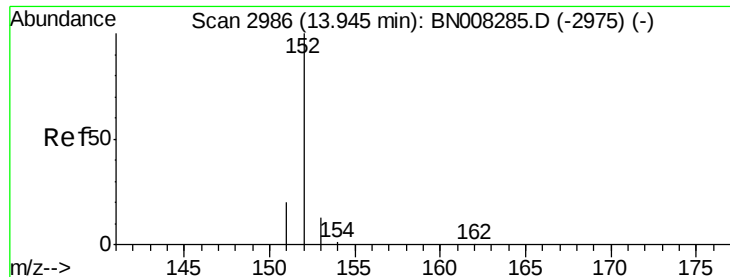
Delta R.T. -0.01 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

Tgt Ion:	142	Resp:	5410
Ion Ratio	Lower	Upper	
142	100		
141	88.5	71.4	107.2





#7

Acenaphthylene

Concen: 1.321 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

Instrument :

BNA_N

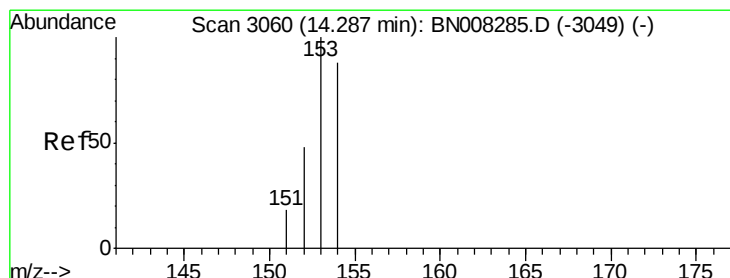
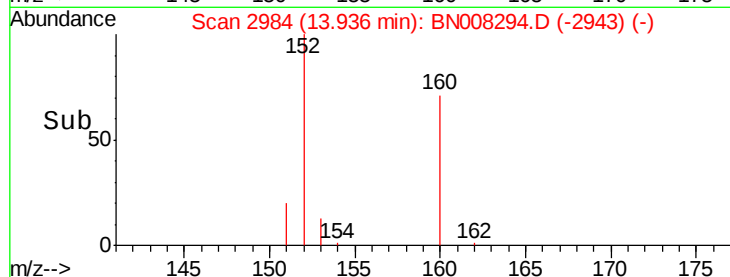
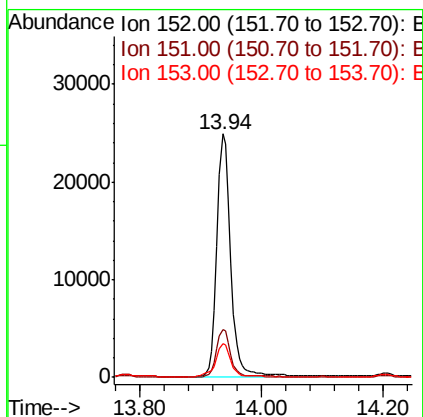
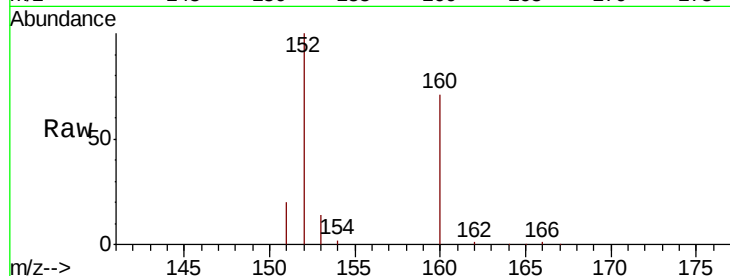
ClientSampleId :

BEPG9

Tot Ion:	152	Resp:	39675
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.4
153	13.6	11.0	16.4

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#8

Acenaphthene

Concen: 0.411 ng/ul

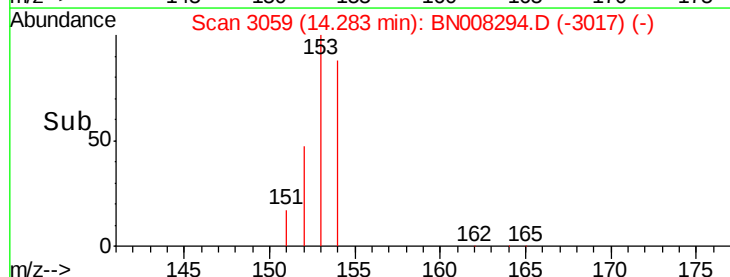
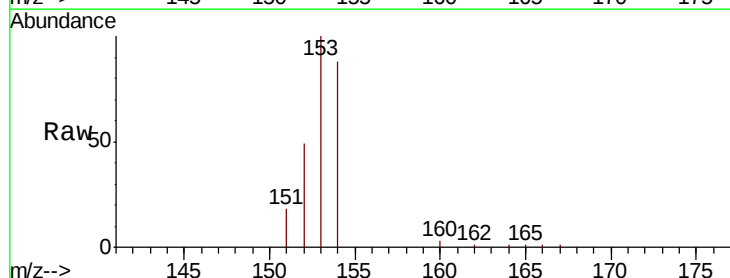
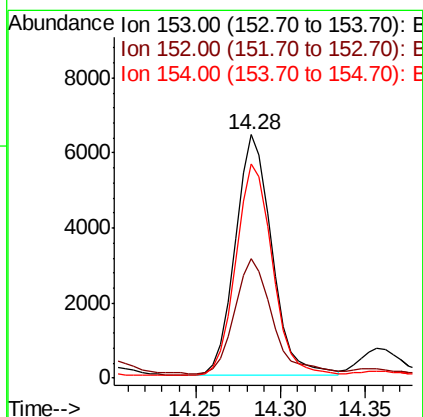
RT: 14.28 min Scan# 3059

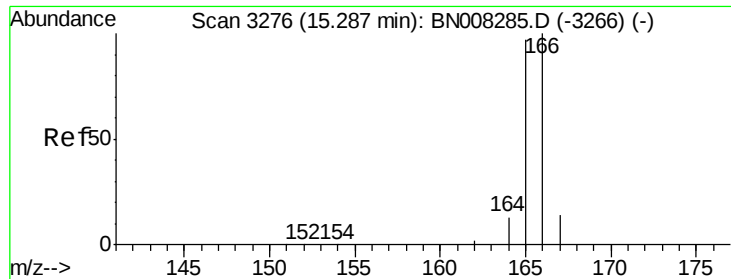
Delta R.T. -0.00 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

Tgt Ion:	153	Resp:	9591
Ion Ratio	Lower	Upper	
153	100		
152	48.9	38.2	57.2
154	88.0	71.8	107.8





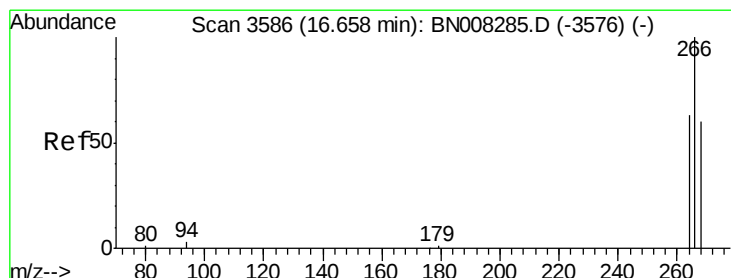
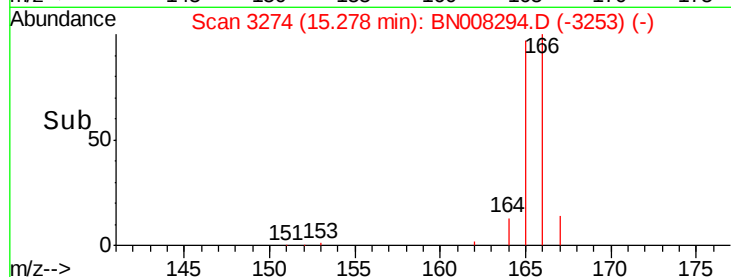
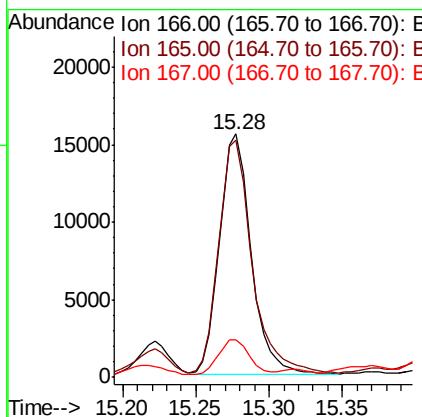
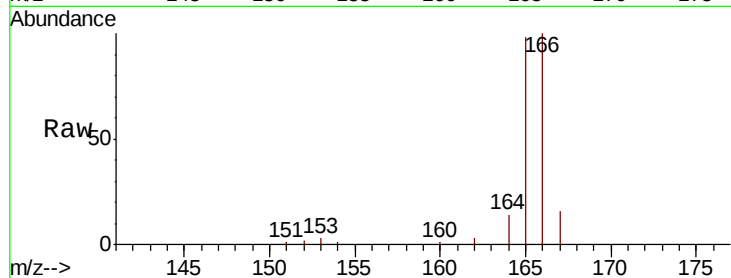
#9
Fluorene
 Concen: 0.875 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: BN008294.D
 Acq: 21 Oct 2019 21:50

Instrument :
 BNA_N
 ClientSampleId :
 BEPG9

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	76.6	115.0
167	15.6	11.7	17.5

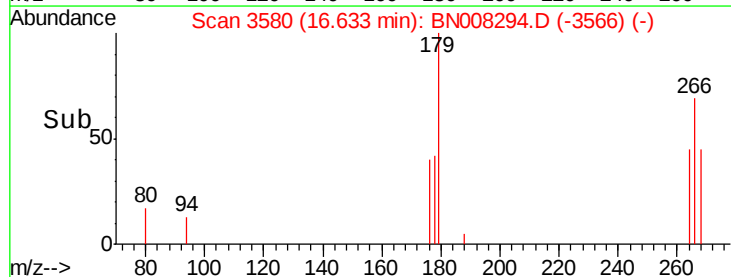
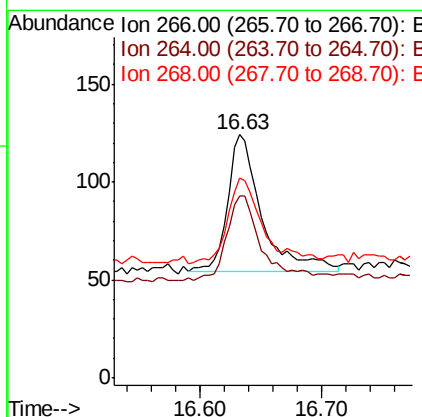
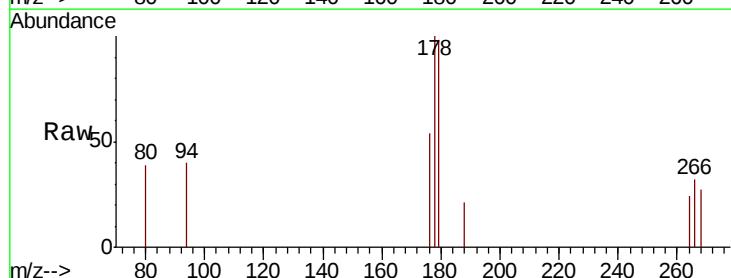
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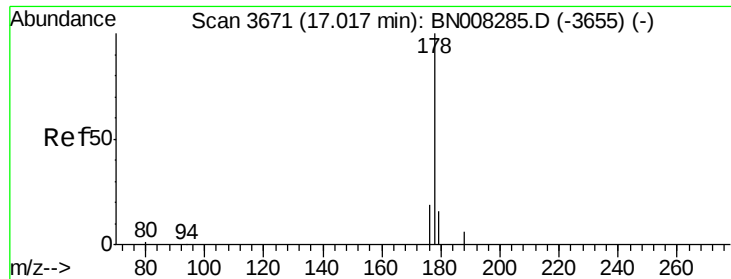
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#11
Pentachlorophenol
 Concen: 0.041 ng/ul
 RT: 16.63 min Scan# 3580
 Delta R.T. -0.04 min
 Lab File: BN008294.D
 Acq: 21 Oct 2019 21:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.1	75.1
268	61.0	51.9	77.9





#12

Phenanthrene

Concen: 11.905 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

Instrument :

BNA_N

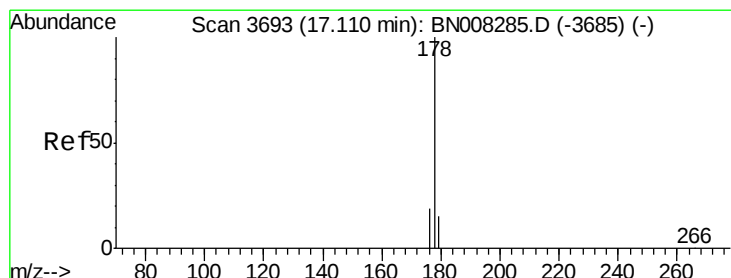
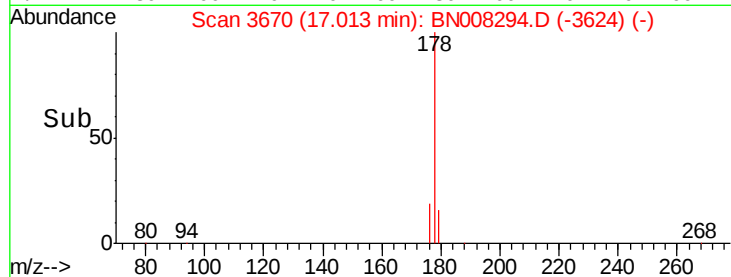
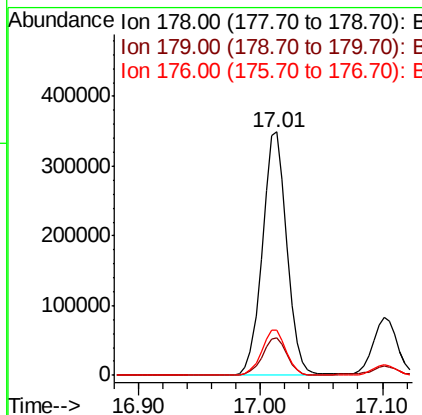
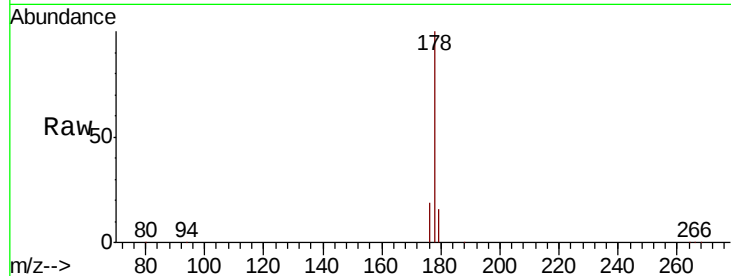
ClientSampleId :

BEPG9

Tot Ion:	178	Resp:	482326
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	18.6	15.4	23.2

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#13

Anthracene

Concen: 3.123 ng/ul

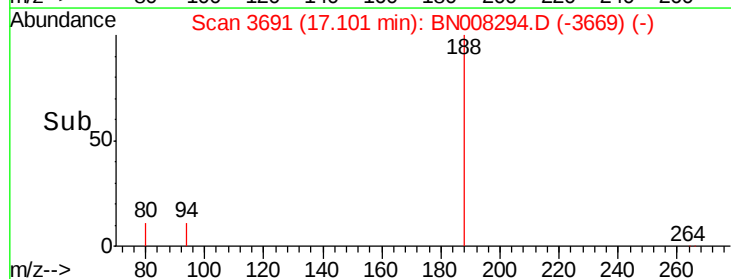
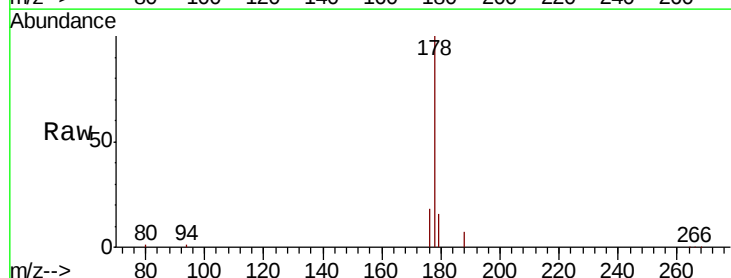
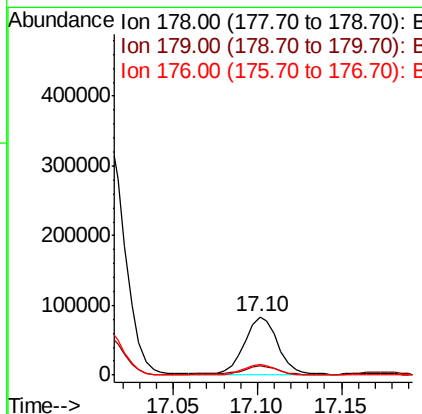
RT: 17.10 min Scan# 3691

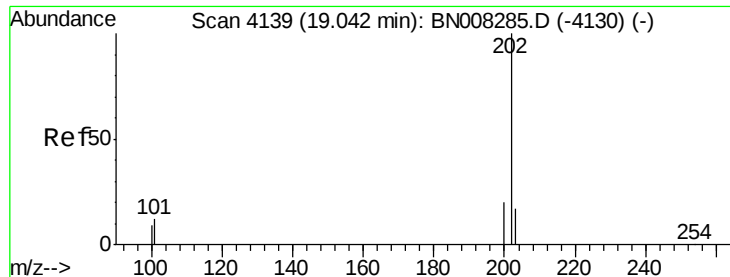
Delta R.T. -0.01 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

Tgt Ion:	178	Resp:	111339
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.0	19.6
176	18.2	15.0	22.6





#15

Fluoranthene

Concen: 18.394 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

Instrument :

BNA_N

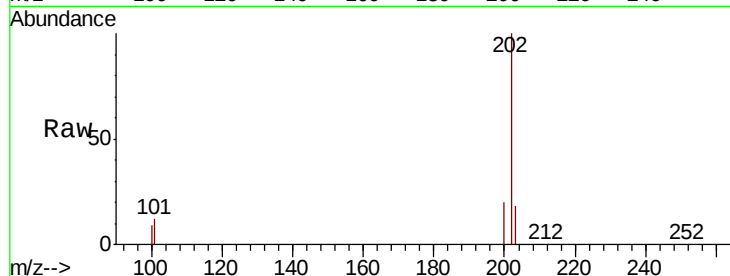
ClientSampled :

BEPG9

Tot Ion:	202	Resp:	984224
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	31.2
100	9.3	0.0	28.5

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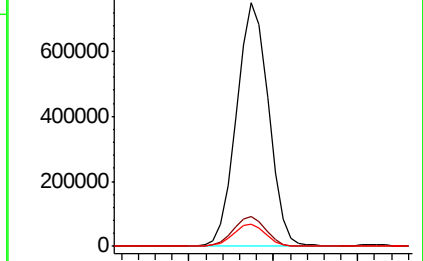
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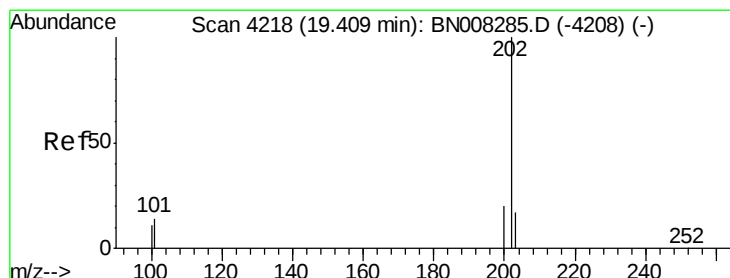
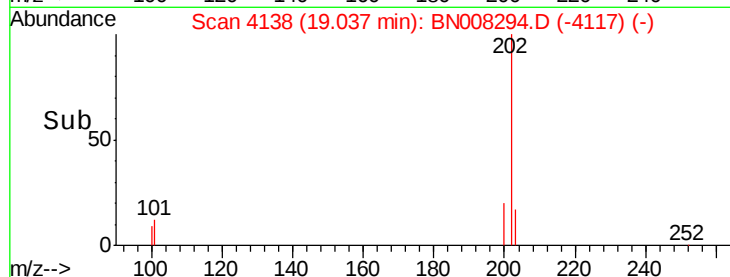
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#17

Pyrene

Concen: 18.280 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN008294.D

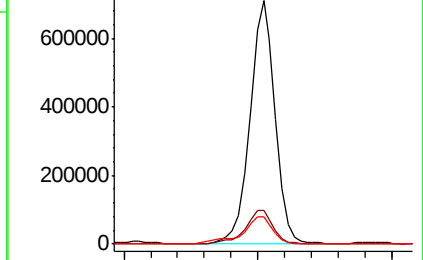
Acq: 21 Oct 2019 21:50

Tgt Ion:	202	Resp:	924795
Ion Ratio	Lower	Upper	
202	100		
101	13.9	10.9	16.3
100	11.2	8.7	13.1

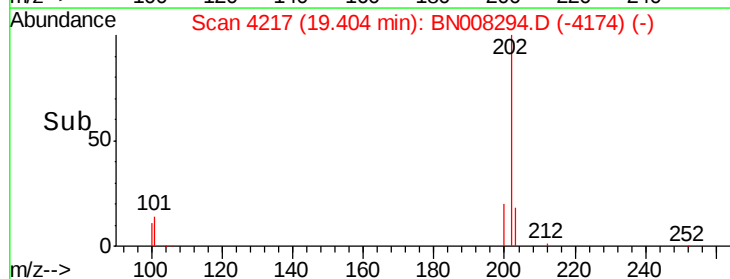
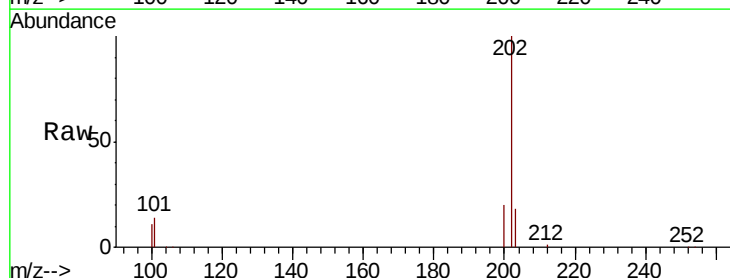
Abundance Ion 202.00 (201.70 to 202.70): E

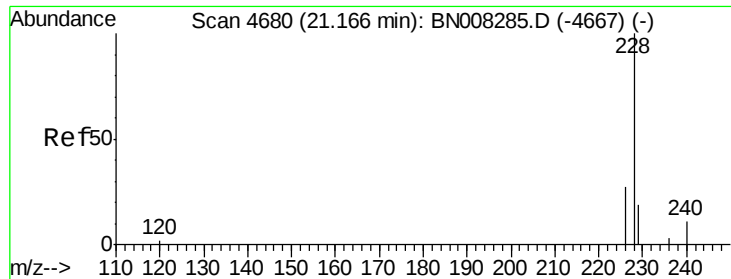
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#18

Benzo(a)anthracene

Concen: 12.182 ng/ul

RT: 21.16 min Scan# 4678

Delta R.T. -0.01 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

Instrument :

BNA_N

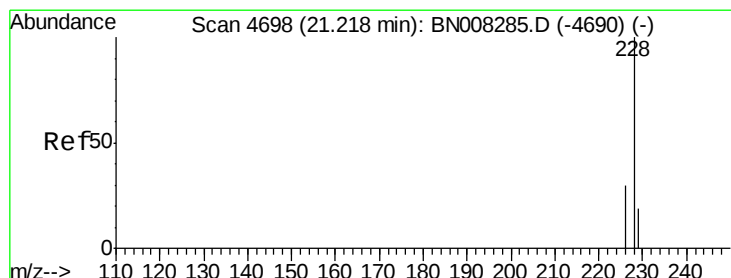
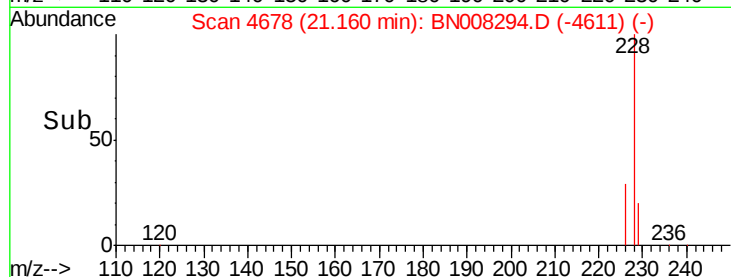
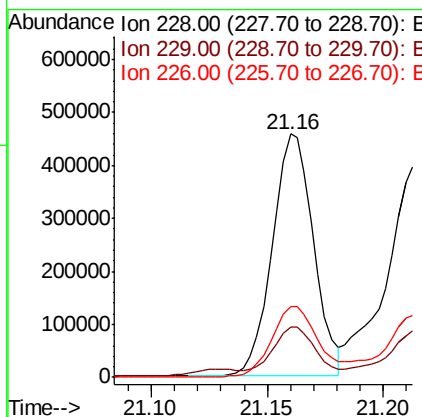
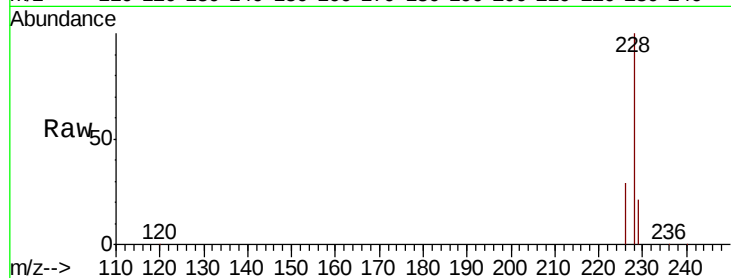
ClientSampleId :

BEPG9

Tot Ion:	228	Resp:	562740
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.2	24.2
226	29.1	21.4	32.0

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#19

Chrysene

Concen: 9.595 ng/ul

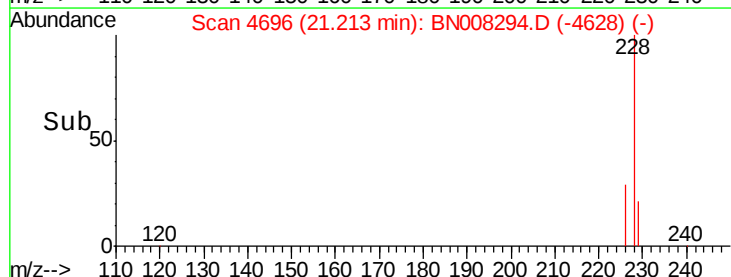
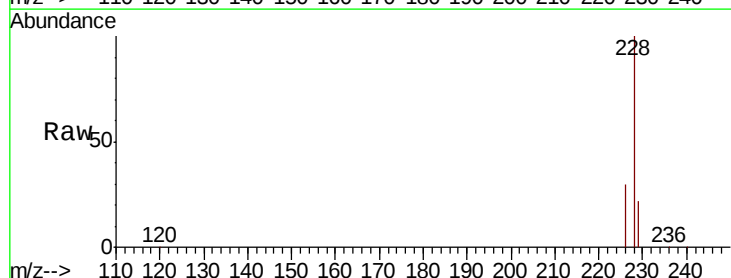
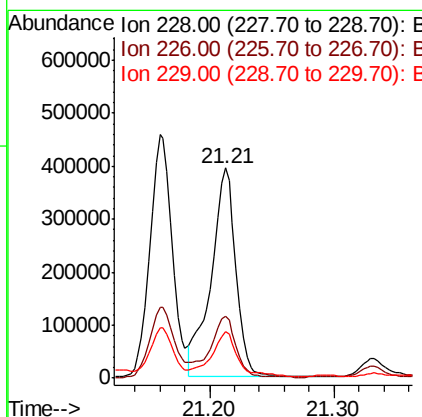
RT: 21.21 min Scan# 4696

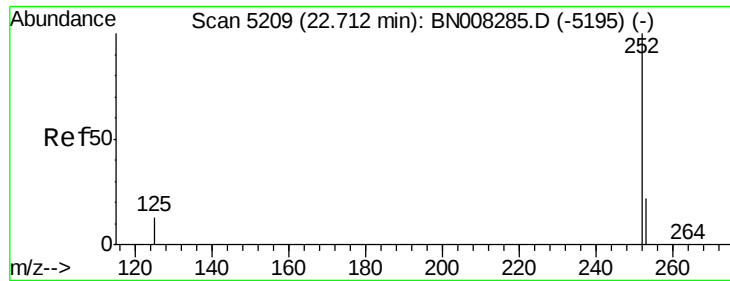
Delta R.T. -0.00 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

Tgt Ion:	228	Resp:	543969
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.1	36.1
229	21.8	16.2	24.2





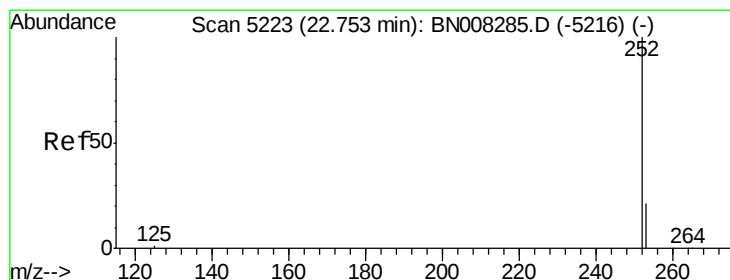
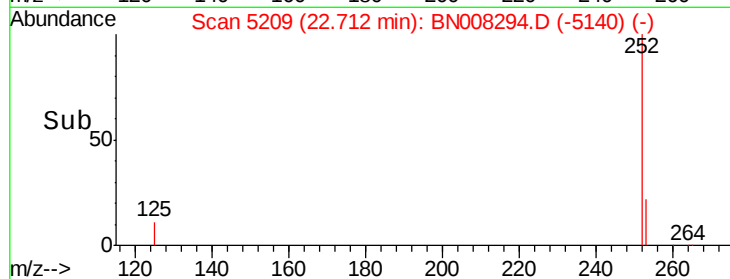
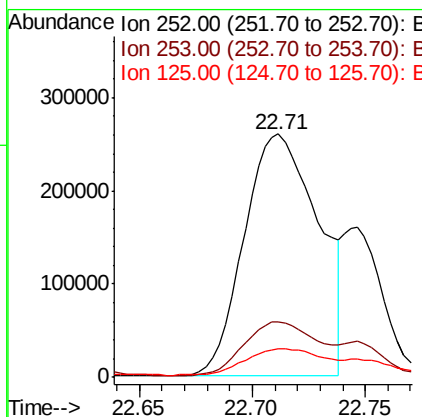
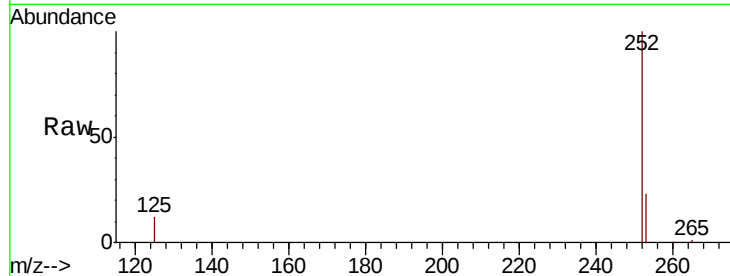
#21
Benzo(b)fluoranthene
Concen: 16.647 ng/ul m
RT: 22.71 min Scan# 5209
Delta R.T. 0.00 min
Lab File: BN008294.D
Acq: 21 Oct 2019 21:50

Instrument :
BNA_N
ClientSampleId :
BEPG9

Tot Ion	Ratio	Resp	Lower	Upper
252	100	591646		
253	22.7	0.0	53.4	
125	11.6	0.0	32.4	

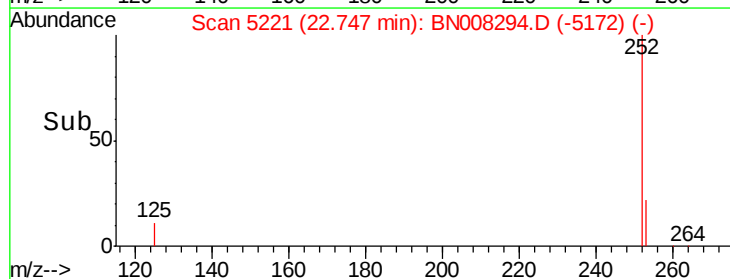
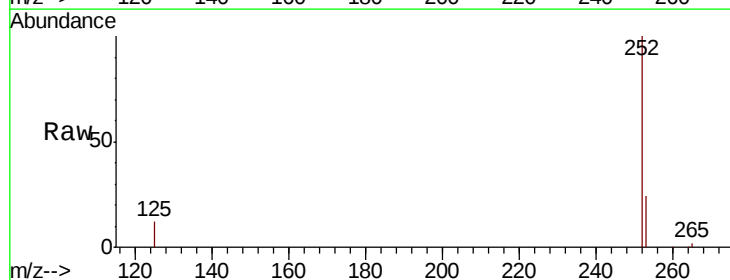
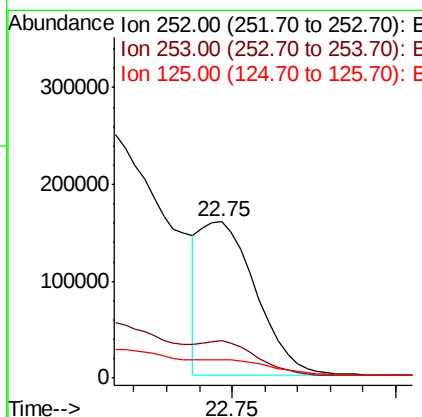
Manual Integrations
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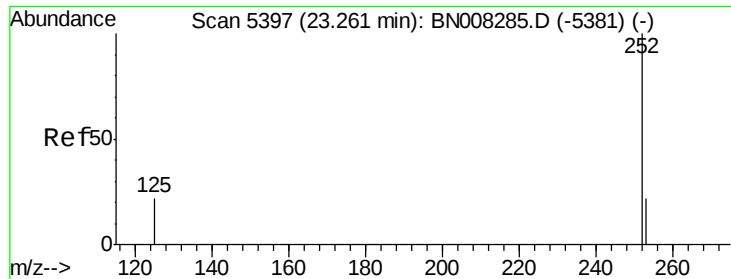
mohammad
10/22/2019 3:27:55 PM



#22
Benzo(k)fluoranthene
Concen: 4.620 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008294.D
Acq: 21 Oct 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	186012		
253	23.7	21.3	31.9	
125	12.1	12.3	18.5#	





#23

Benzo(a)pyrene

Concen: 10.991 ng/ul

RT: 23.26 min Scan# 5397

Delta R.T. 0.00 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

Instrument :

BNA_N

ClientSampleId :

BEPG9

Tot Ion:252 Resp: 411077

Ion Ratio Lower Upper

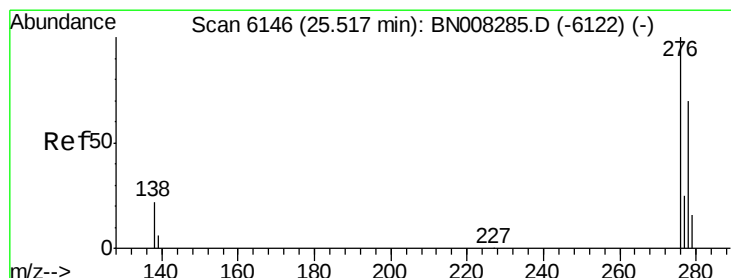
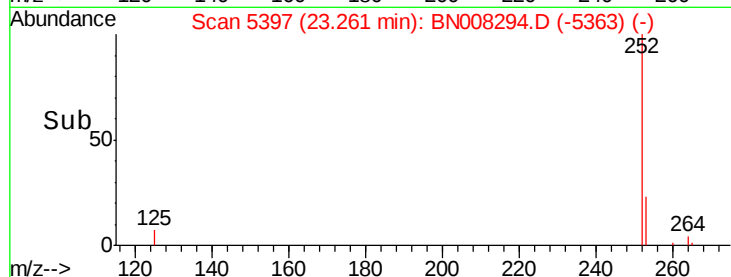
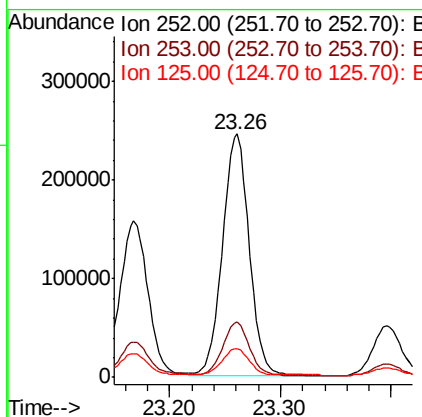
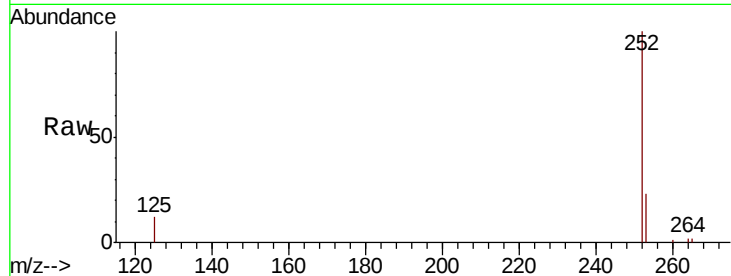
252 100

253 22.7 22.8 34.2#

125 11.9 18.4 27.6#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 4.914 ng/ul

RT: 25.51 min Scan# 6143

Delta R.T. -0.00 min

Lab File: BN008294.D

Acq: 21 Oct 2019 21:50

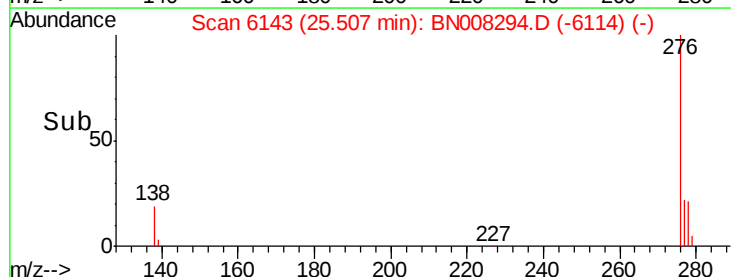
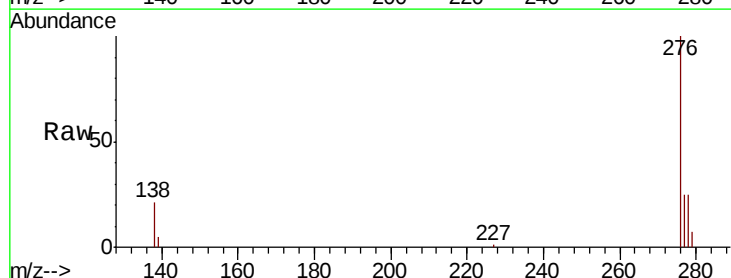
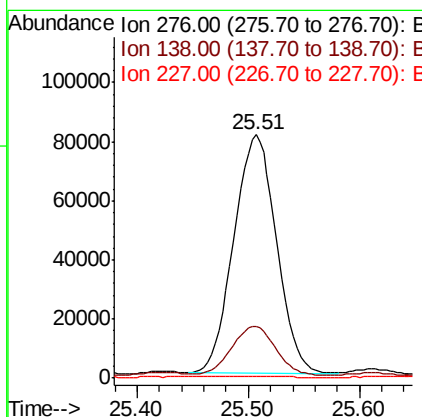
Tgt Ion:276 Resp: 216472

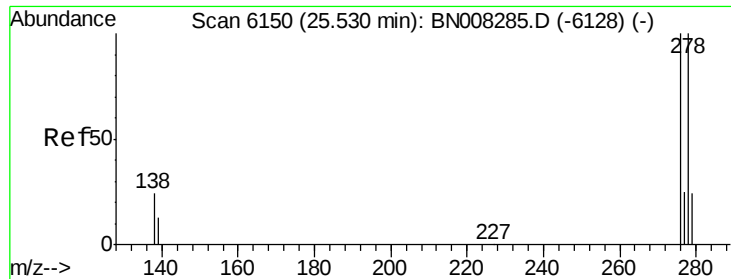
Ion Ratio Lower Upper

276 100

138 20.7 16.1 24.1

227 0.2 0.2 0.2





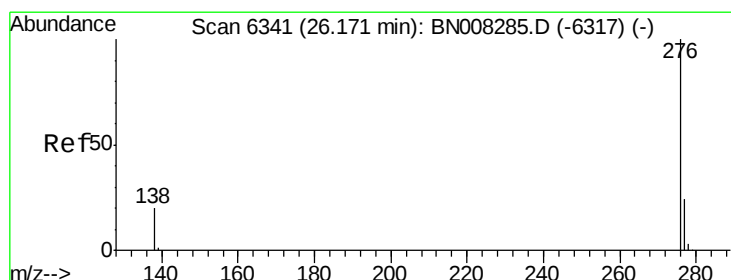
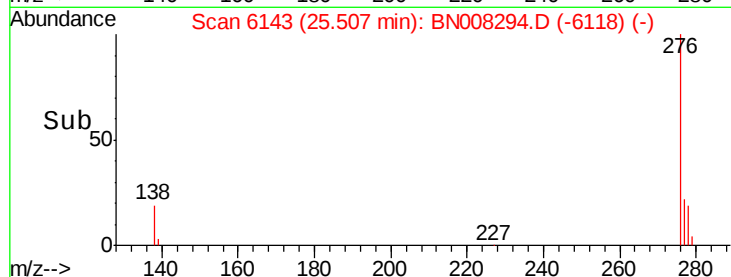
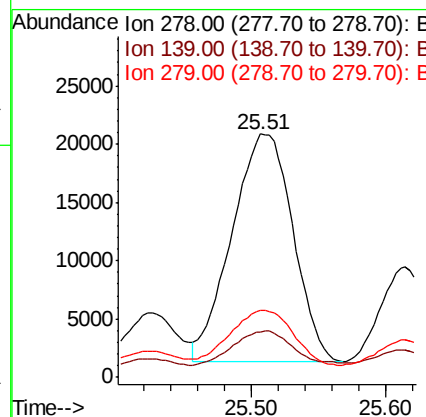
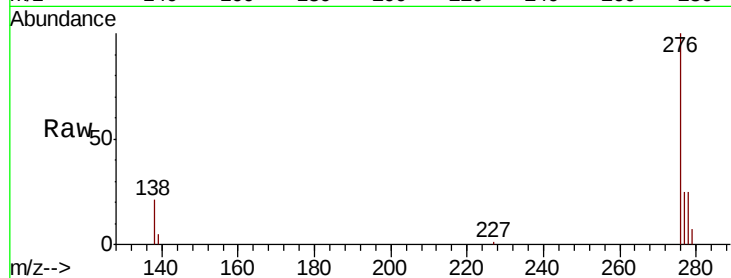
#25
Dibenzo(a,h)anthracene
Concen: 1.766 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008294.D
Acq: 21 Oct 2019 21:50

Instrument :
BNA_N
ClientSampleId :
BEPG9

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.0	22.6
279	27.5	22.4	33.6

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 4.364 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008294.D
Acq: 21 Oct 2019 21:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.4
277	24.5	20.4	30.6

