

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
 Data File : BN008827.D
 Acq On : 03 Dec 2019 12:20
 Operator : JU
 Sample : K5854-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3

Manual Integrations
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Quant Time: Dec 03 14:33:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 11:01:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4142	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	17150	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	13336	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	21572	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12879	0.40	ng/ul	0.01
20) Perylene-d12	23.35	264	14632	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	5626	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	13727	0.21	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	250606	4.847	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	256747	7.112	ng/ul	100
7) Acenaphthylene	13.93	152	30908	0.419	ng/ul#	75
8) Acenaphthene	14.28	153	109062	1.993	ng/ul	99
9) Fluorene	15.27	166	174173	2.711	ng/ul#	95
11) Pentachlorophenol	16.63	266	249	0.030	ng/ul#	39
12) Phenanthrene	17.01	178	1968969	27.064	ng/ul	98
13) Anthracene	17.10	178	580557	8.445	ng/ul	98
15) Fluoranthene	19.03	202	2851999	31.909	ng/ul	98
17) Pyrene	19.40	202	2688617	52.036	ng/ul	98
18) Benzo(a)anthracene	21.16	228	1141450	22.039	ng/ul	97
19) Chrysene	21.21	228	1176997m	23.137	ng/ul	
21) Benzo(b)fluoranthene	22.71	252	1418810m	23.515	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	496776m	8.302	ng/ul	
23) Benzo(a)pyrene	23.26	252	1015841	17.937	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.49	276	636418	9.608	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.49	278	159744	2.986	ng/ul#	74
26) Benzo(g,h,i)perylene	26.14	276	627463	11.325	ng/ul	99

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

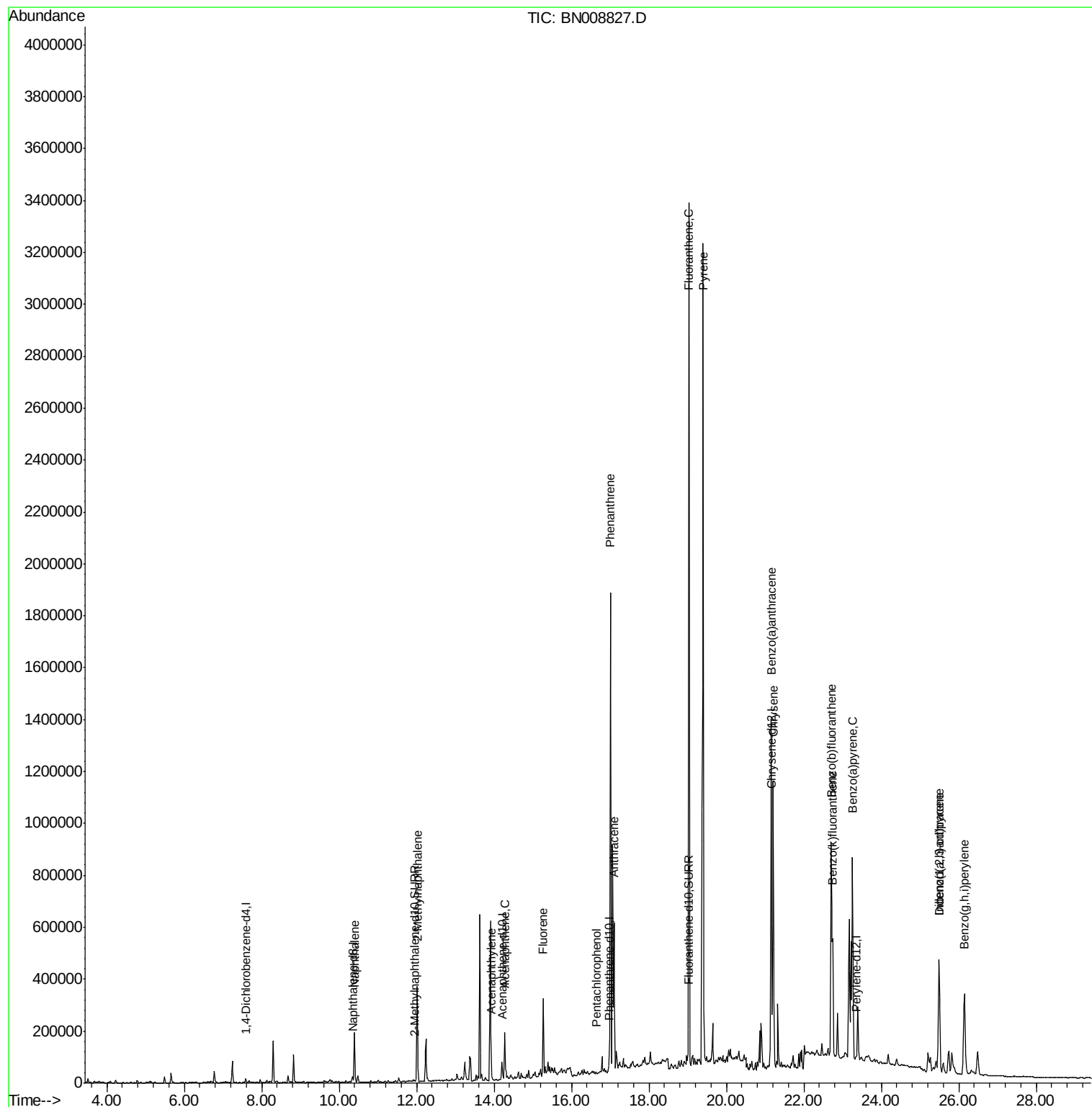
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
Data File : BN008827.D
Acq On : 03 Dec 2019 12:20
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

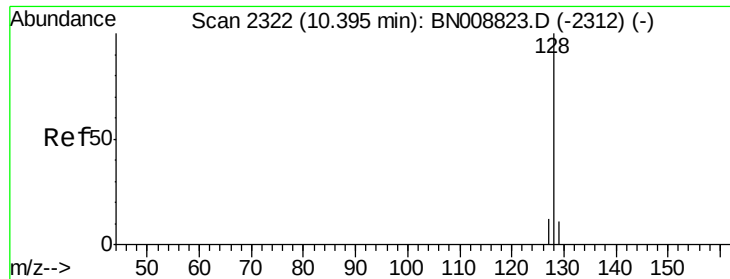
Instrument :
BNA_N
ClientSampleId :
C0AC3

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Quant Time: Dec 03 14:33:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 4.847 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Instrument :

BNA_N

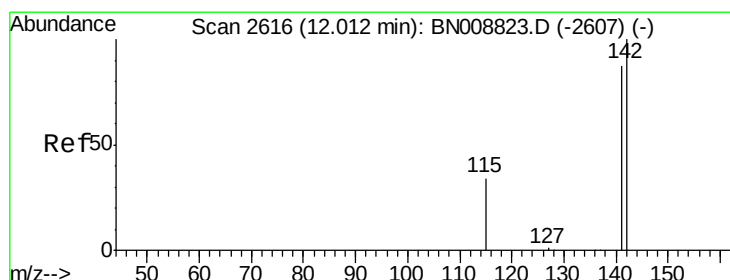
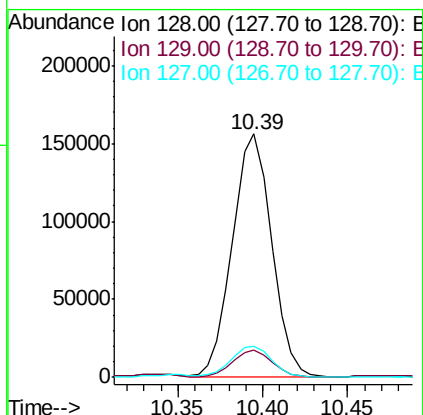
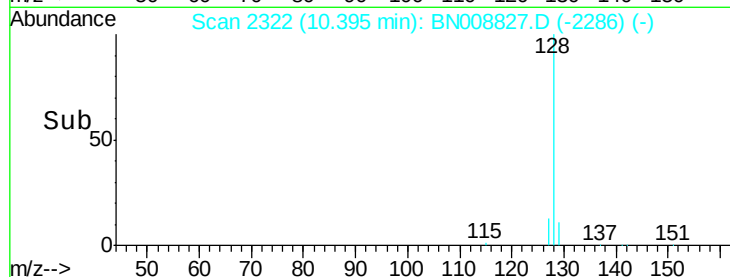
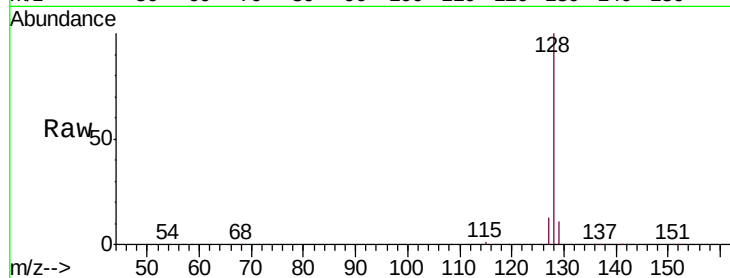
ClientSampleId :

C0AC3

Tgt Ion:	128	Resp:	250606
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.1	13.7
127	12.8	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 7.112 ng/ul

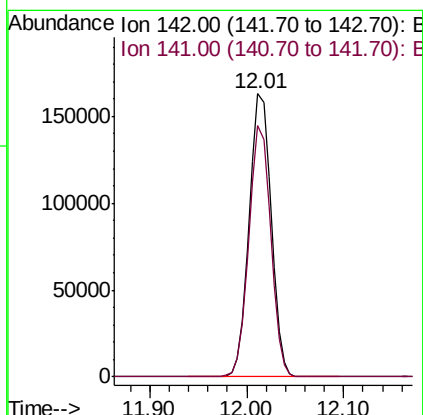
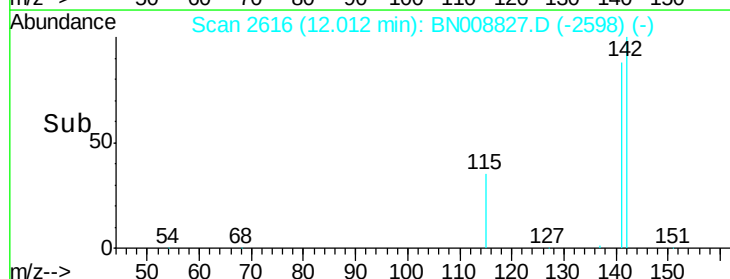
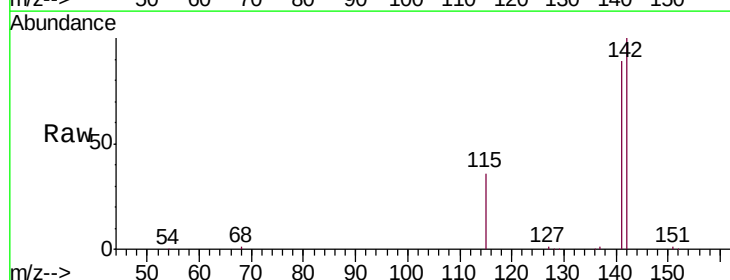
RT: 12.01 min Scan# 2616

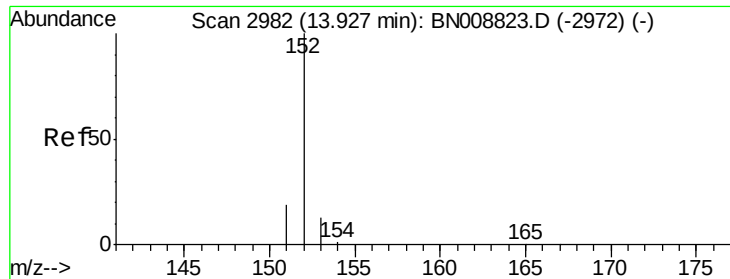
Delta R.T. 0.00 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Tgt Ion:	142	Resp:	256747
Ion Ratio	Lower	Upper	
142	100		
141	87.9	70.1	105.1





#7

Acenaphthylene

Concen: 0.419 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Instrument :

BNA_N

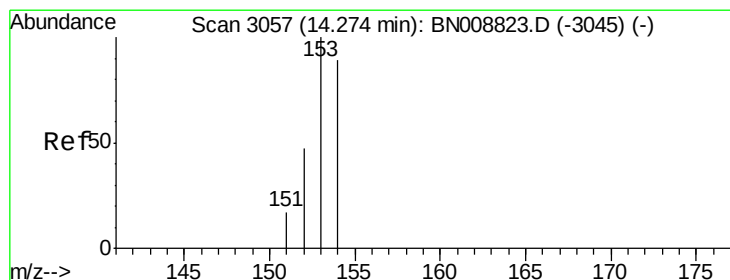
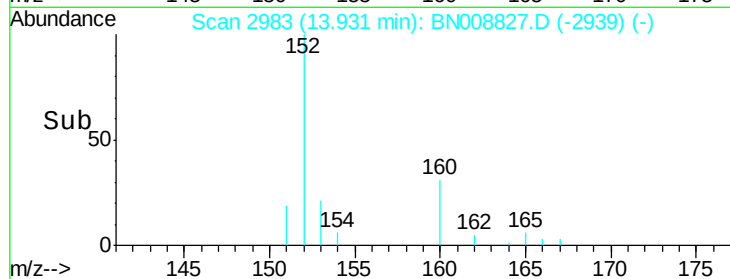
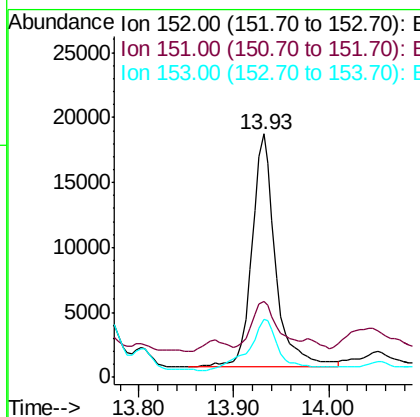
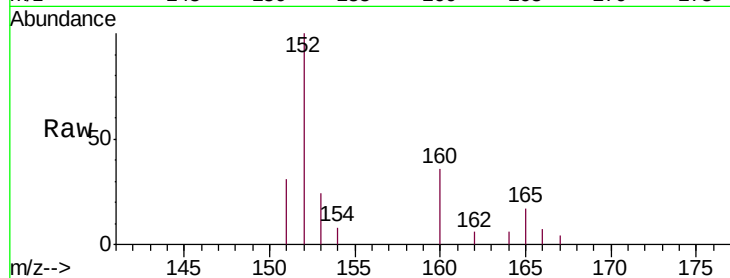
ClientSampled :

C0AC3

Tgt Ion:	152	Resp:	30908
Ion Ratio	Lower	Upper	
152	100		
151	31.1	15.8	23.6#
153	23.6	10.6	15.8#

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#8

Acenaphthene

Concen: 1.993 ng/ul

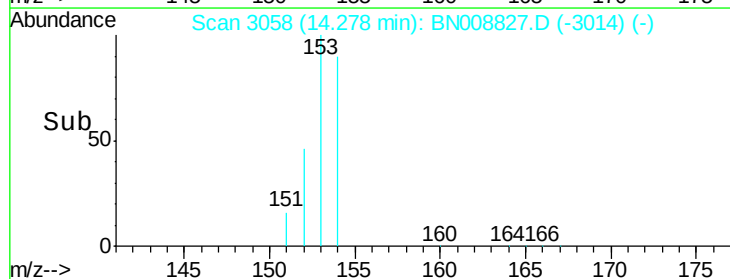
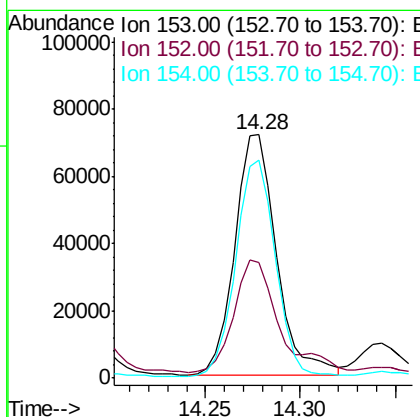
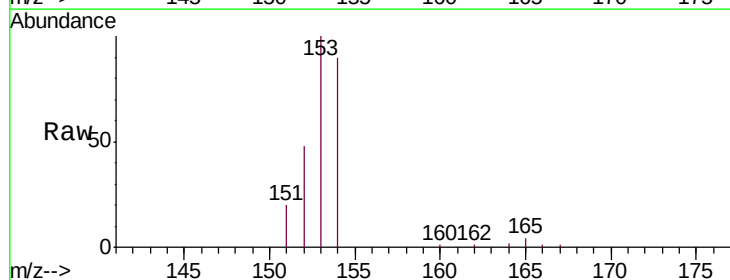
RT: 14.28 min Scan# 3058

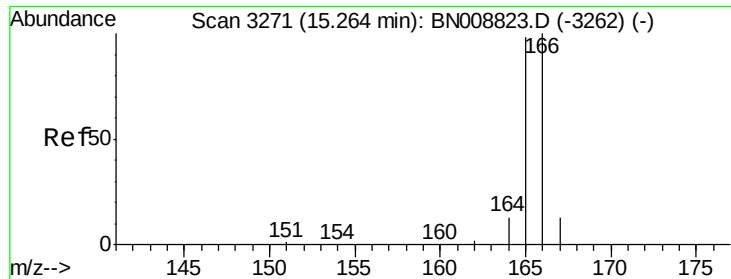
Delta R.T. 0.00 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Tgt Ion:	153	Resp:	109062
Ion Ratio	Lower	Upper	
153	100		
152	47.6	38.6	58.0
154	89.7	70.6	105.8





#9

Fluorene

Concen: 2.711 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. 0.00 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Instrument :

BNA_N

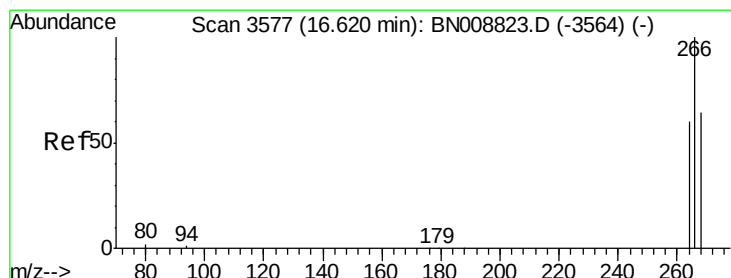
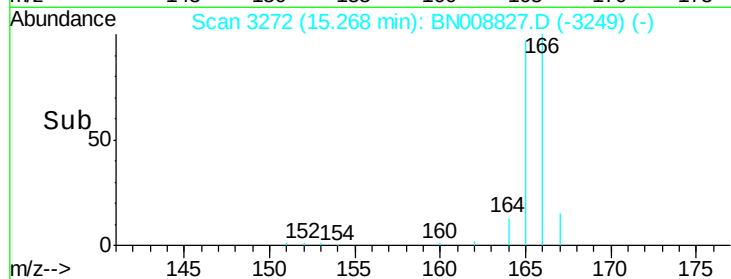
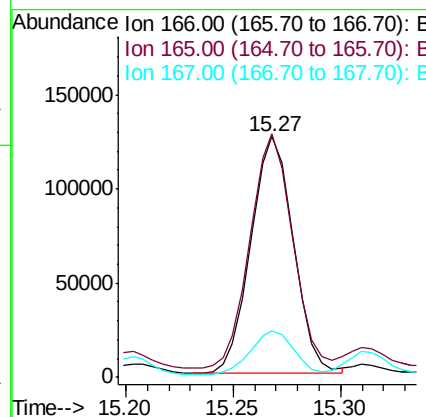
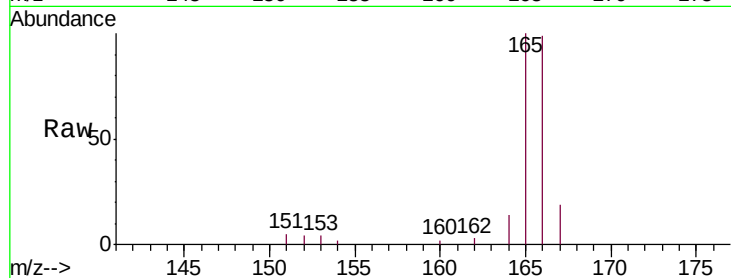
ClientSampleId :

C0AC3

Tgt Ion:	166	Resp:	174173
Ion Ratio	Lower	Upper	
166	100		
165	101.1	77.7	116.5
167	19.6	11.1	16.7#

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#11

Pentachlorophenol

Concen: 0.030 ng/ul

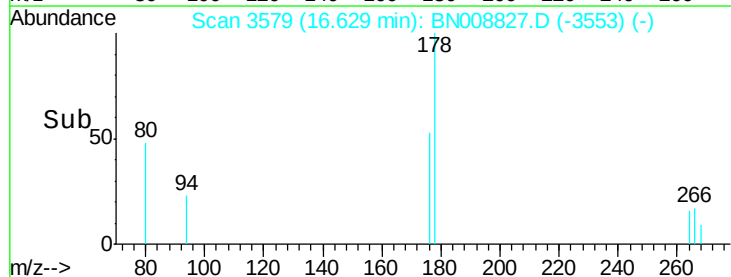
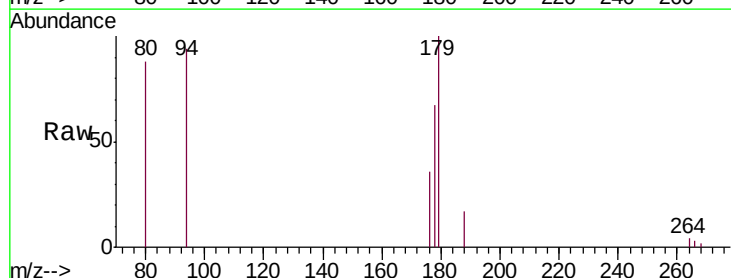
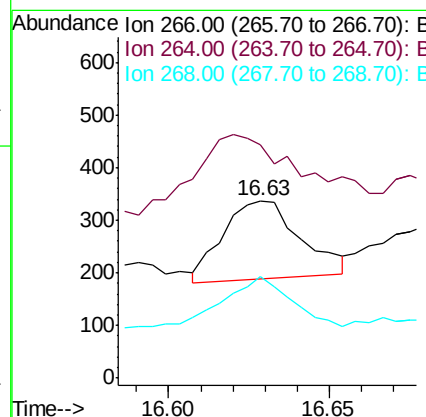
RT: 16.63 min Scan# 3579

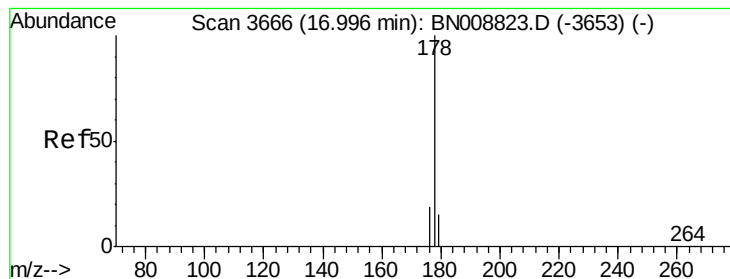
Delta R.T. 0.01 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Tgt Ion:	266	Resp:	249
Ion Ratio	Lower	Upper	
266	100		
264	153.8	50.4	75.6#
268	59.8	52.2	78.4





#12

Phenanthrene

Concen: 27.064 ng/ul

RT: 17.01 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Instrument :

BNA_N

ClientSampleId :

C0AC3

Tgt Ion:178 Resp: 1968969

Ion Ratio Lower Upper

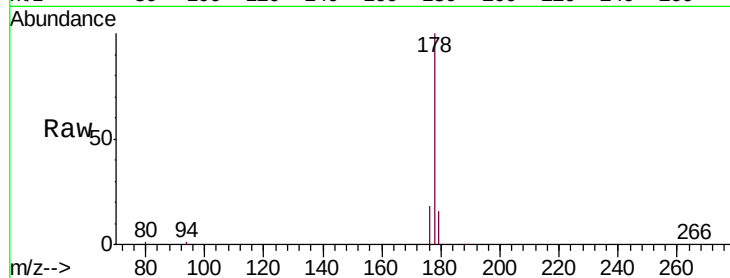
178 100

179 16.4 12.6 18.8

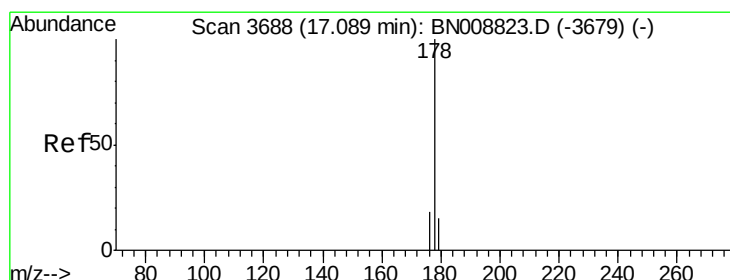
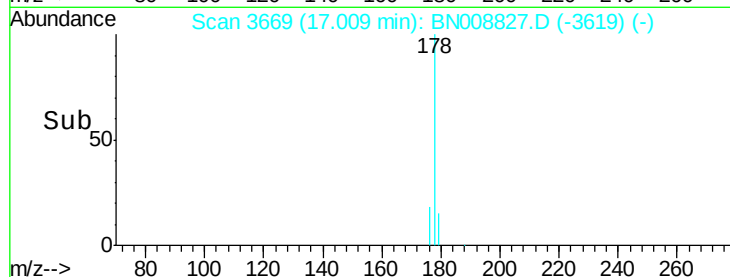
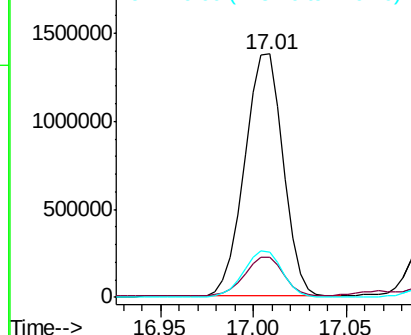
176 18.5 15.3 22.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 8.445 ng/ul

RT: 17.10 min Scan# 3690

Delta R.T. 0.01 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Tgt Ion:178 Resp: 580557

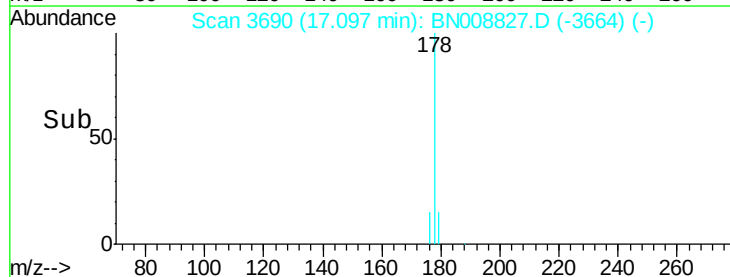
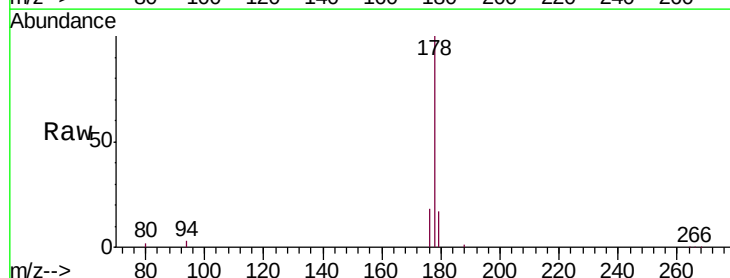
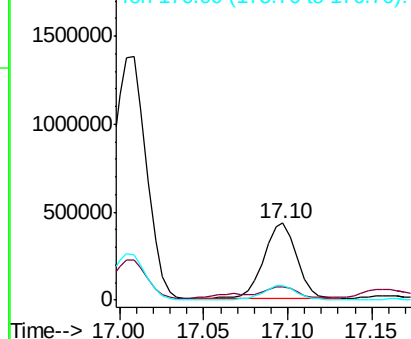
Ion Ratio Lower Upper

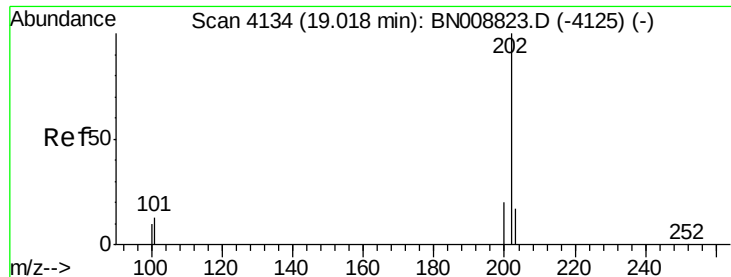
178 100

179 17.3 12.2 18.4

176 18.4 14.7 22.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 31.909 ng/ul

RT: 19.03 min Scan# 4137

Delta R.T. 0.01 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Instrument :

BNA_N

ClientSampled :

C0AC3

Tgt Ion:202 Resp: 2851999

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.4

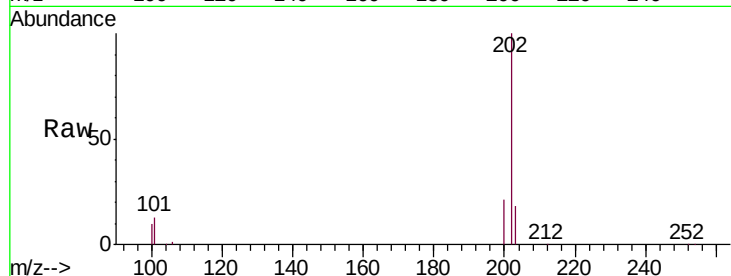
100 9.9 0.0 29.2

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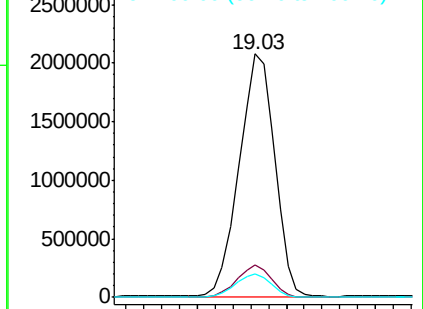
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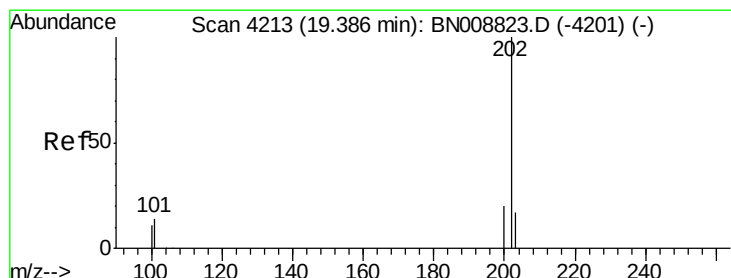
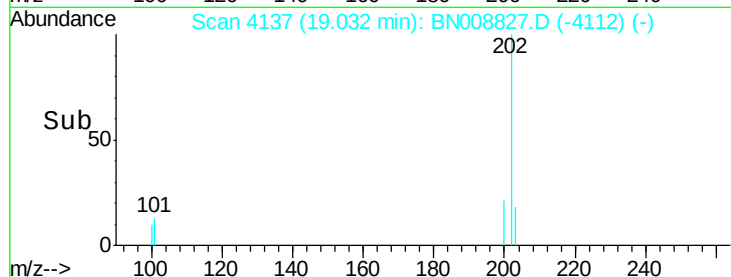
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#17

Pyrene

Concen: 52.036 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. 0.01 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

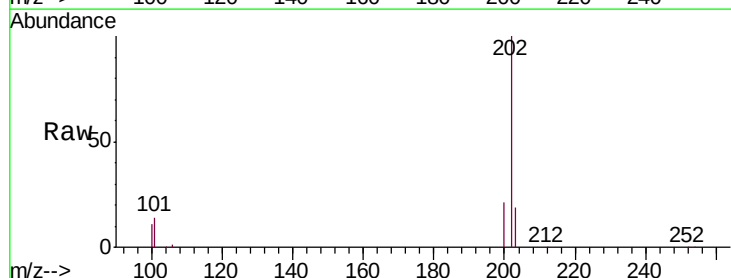
Tgt Ion:202 Resp: 2688617

Ion Ratio Lower Upper

202 100

101 14.2 12.2 18.4

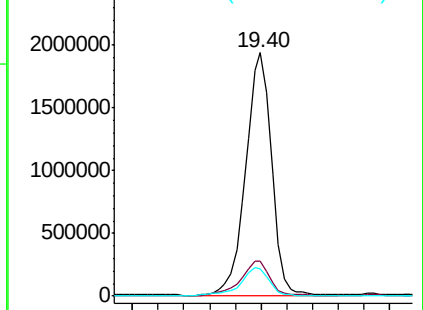
100 11.5 9.5 14.3



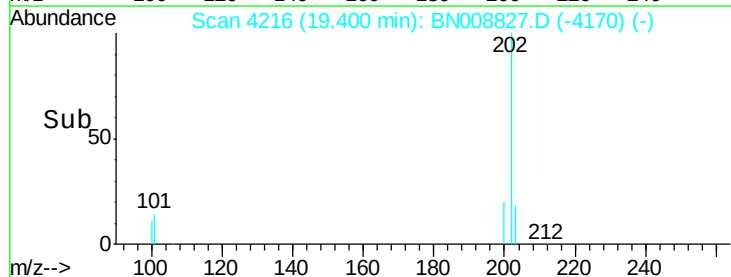
Abundance Ion 202.00 (201.70 to 202.70): E

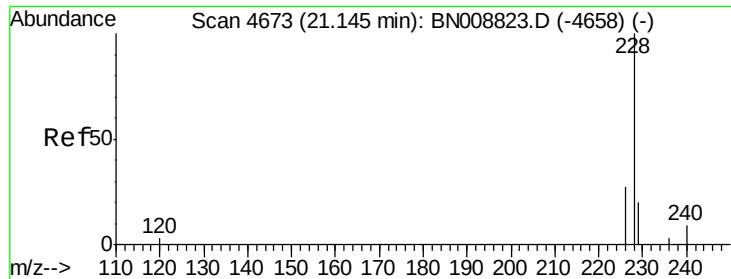
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





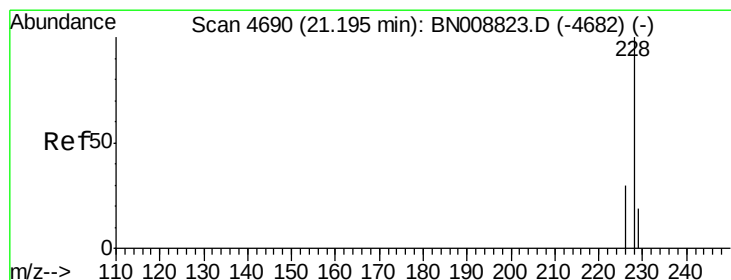
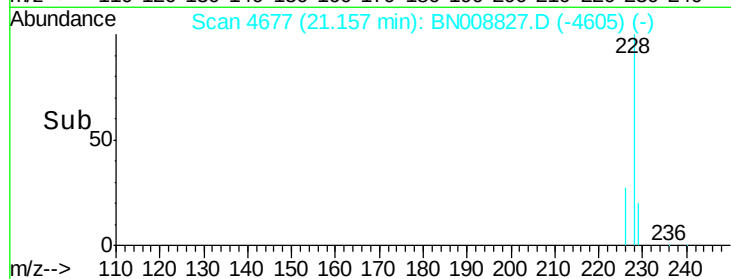
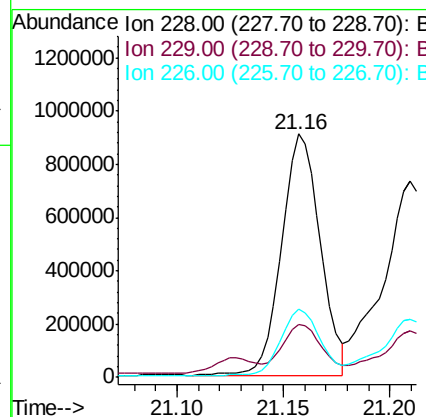
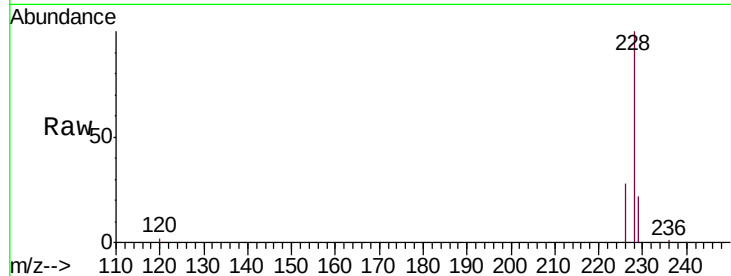
#18
Benzo(a)anthracene
Concen: 22.039 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.01 min
Lab File: BN008827.D
Acq: 03 Dec 2019 12:20

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tgt Ion:228 Resp: 1141450
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 28.0 21.5 32.3

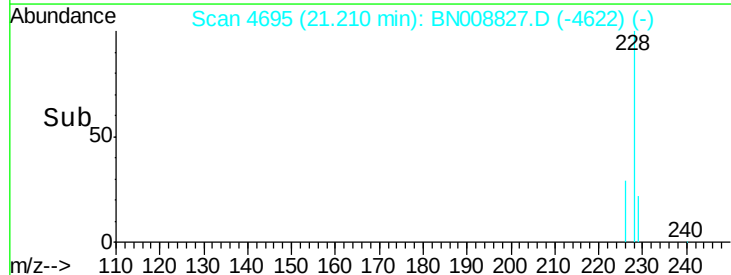
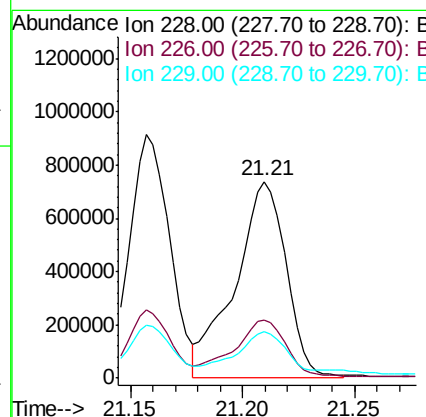
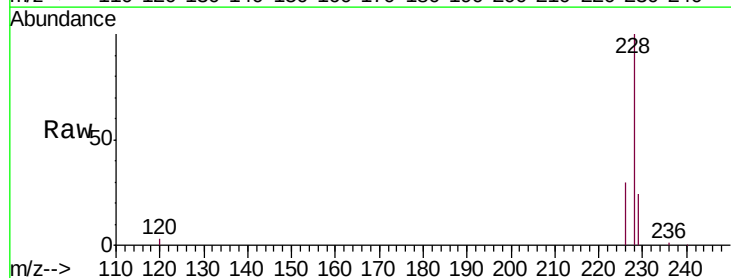
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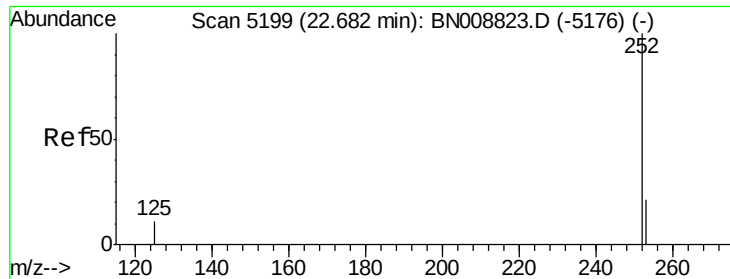
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#19
Chrysene
Concen: 23.137 ng/ul m
RT: 21.21 min Scan# 4695
Delta R.T. 0.01 min
Lab File: BN008827.D
Acq: 03 Dec 2019 12:20

Tgt Ion:228 Resp: 1176997
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 23.7 15.6 23.4#





#21

Benzo(b)fluoranthene

Concen: 23.515 ng/ul m

RT: 22.71 min Scan# 5207

Delta R.T. 0.02 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Instrument :

BNA_N

ClientSampleId :

C0AC3

Tgt Ion:252 Resp: 1418810

Ion Ratio Lower Upper

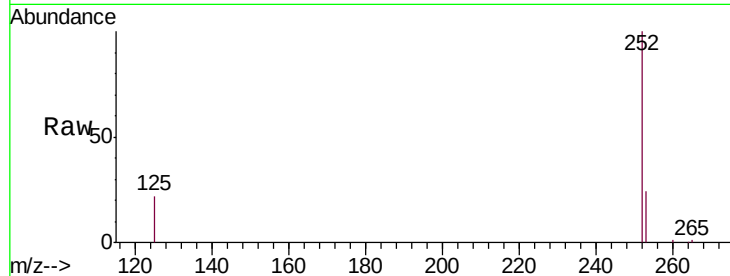
252 100

253 24.5 0.0 48.6

125 22.4 0.0 31.6

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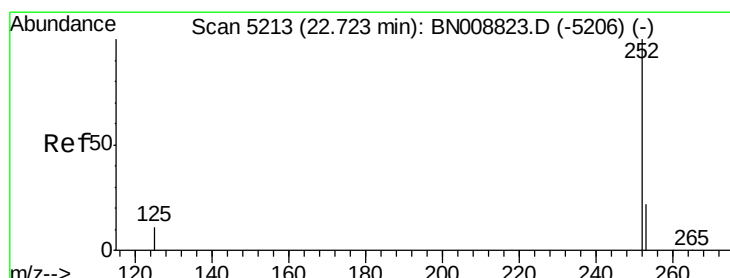
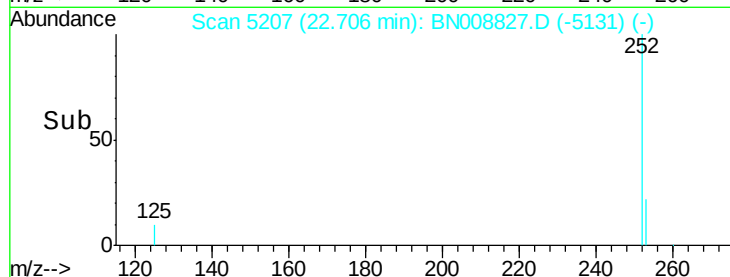
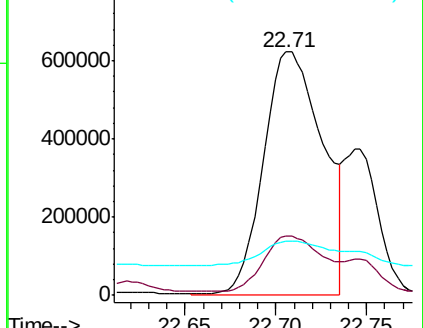
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 8.302 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. 0.02 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Tgt Ion:252 Resp: 496776

Ion Ratio Lower Upper

252 100

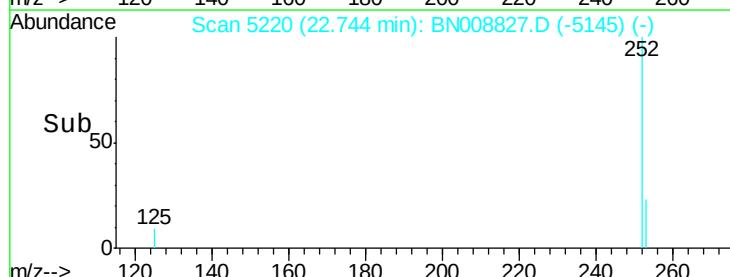
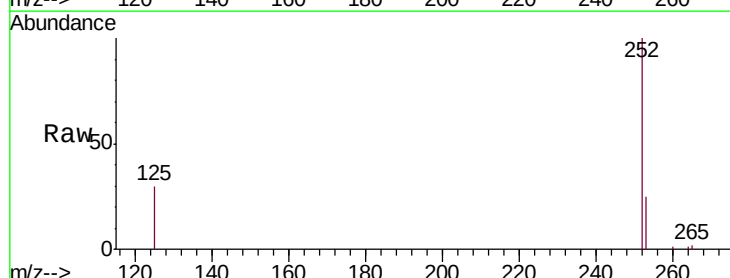
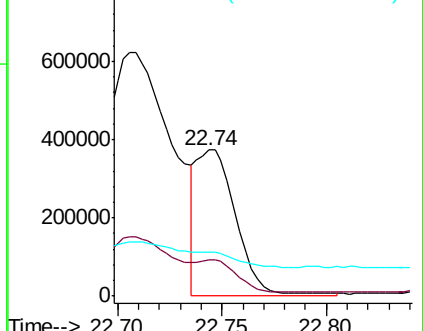
253 24.8 19.6 29.4

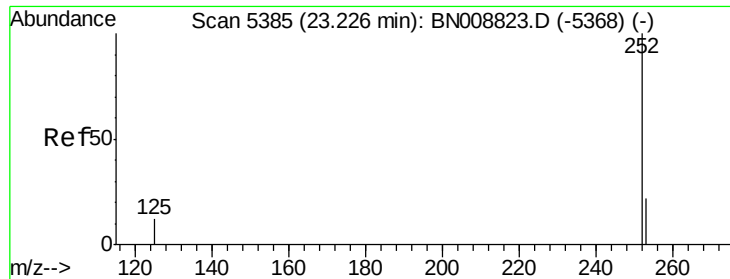
125 30.1 13.8 20.6#

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





#23

Benzo(a)pyrene

Concen: 17.937 ng/ul

RT: 23.26 min Scan# 5396

Delta R.T. 0.03 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Instrument :

BNA_N

ClientSampleId :

C0AC3

Tgt Ion:252 Resp: 1015841

Ion Ratio Lower Upper

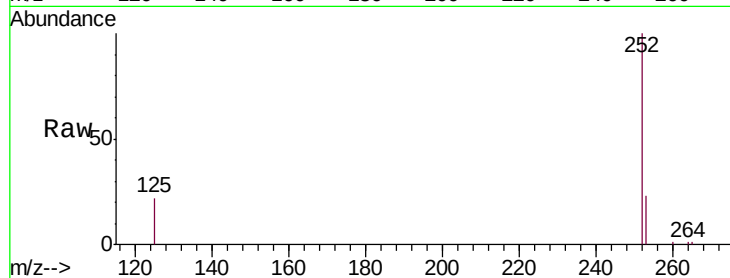
252 100

253 23.3 19.9 29.9

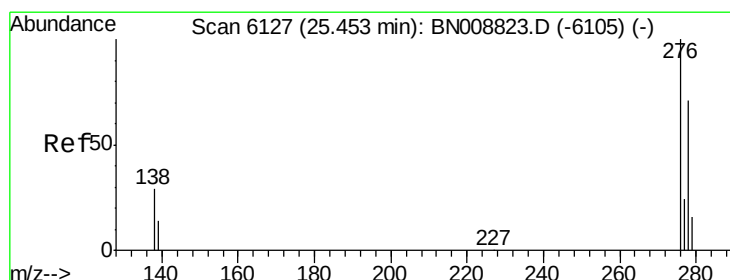
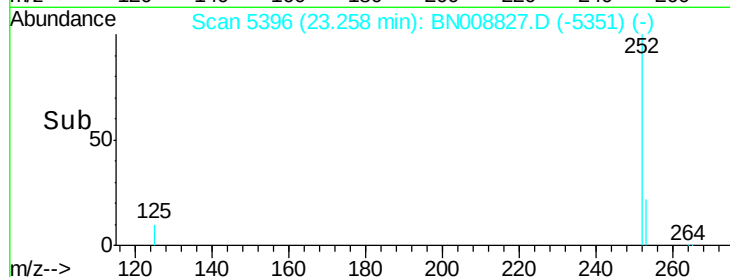
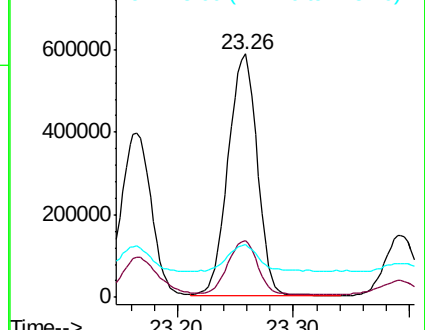
125 21.6 14.6 22.0

Manual Integrations
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12/3/2019 5:09:53 PM



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: 9.608 ng/ul

RT: 25.49 min Scan# 6139

Delta R.T. 0.04 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Tgt Ion:276 Resp: 636418

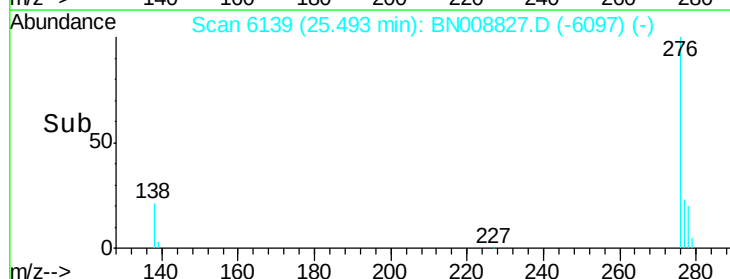
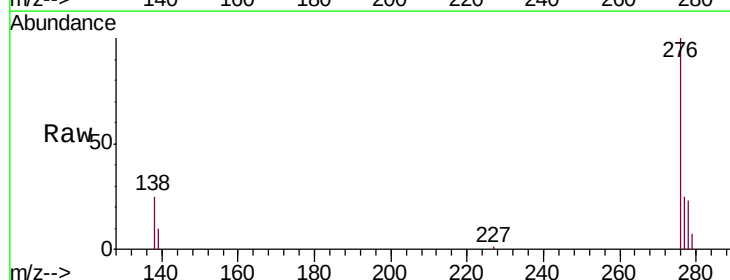
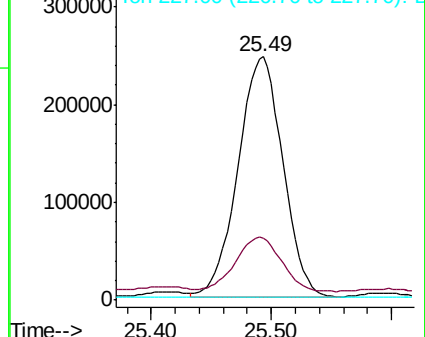
Ion Ratio Lower Upper

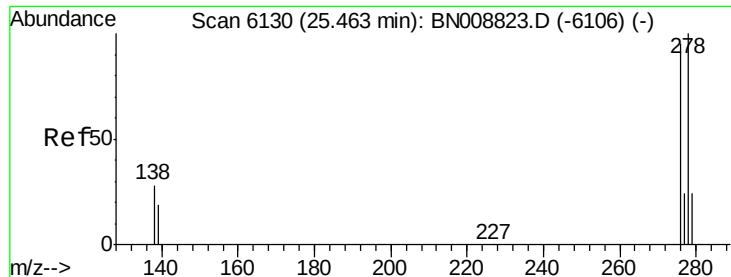
276 100

138 23.1 23.8 35.6#

227 0.2 0.2 0.2

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: 2.986 ng/ul

RT: 25.49 min Scan# 6139

Delta R.T. 0.03 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Instrument :

BNA_N

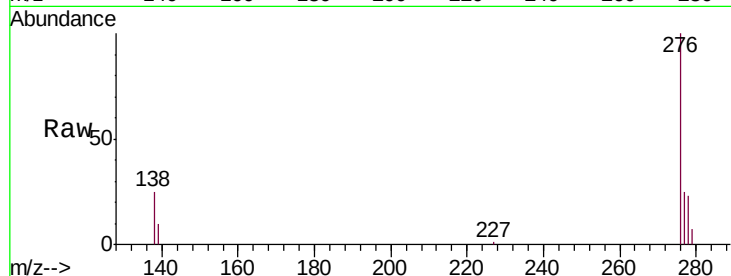
ClientSampleId :

C0AC3

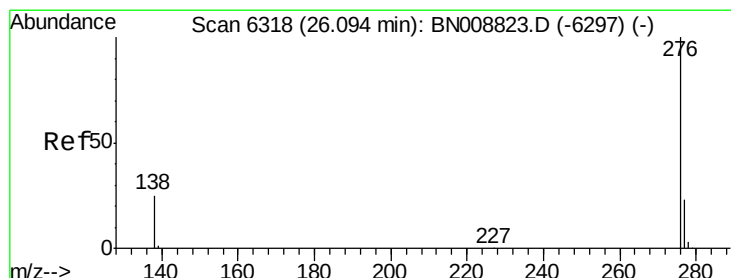
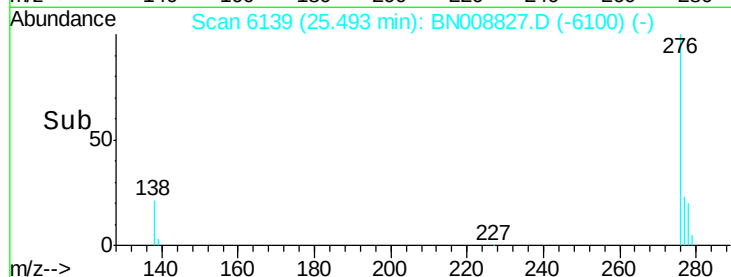
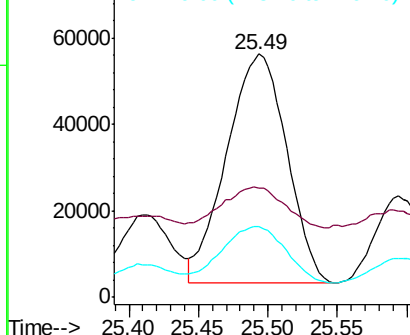
Tgt Ion:	278	Resp:	159744
Ion Ratio	Lower	Upper	
278	100		
139	44.7	17.4	26.0#
279	28.9	20.5	30.7

Manual Integrations
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12/3/2019 5:09:53 PM



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(g,h,i)perylene

Concen: 11.325 ng/ul

RT: 26.14 min Scan# 6332

Delta R.T. 0.05 min

Lab File: BN008827.D

Acq: 03 Dec 2019 12:20

Tgt Ion:	276	Resp:	627463
Ion Ratio	Lower	Upper	
276	100		
138	26.4	21.9	32.9
277	24.5	19.9	29.9

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

