

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122818\
 Data File : BN004262.D
 Acq On : 28 Dec 2018 15:01
 Operator : JU/SJ
 Sample : SSTD0.855
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 28 15:59:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 15:21:10 2018
 Response via : Initial Calibration

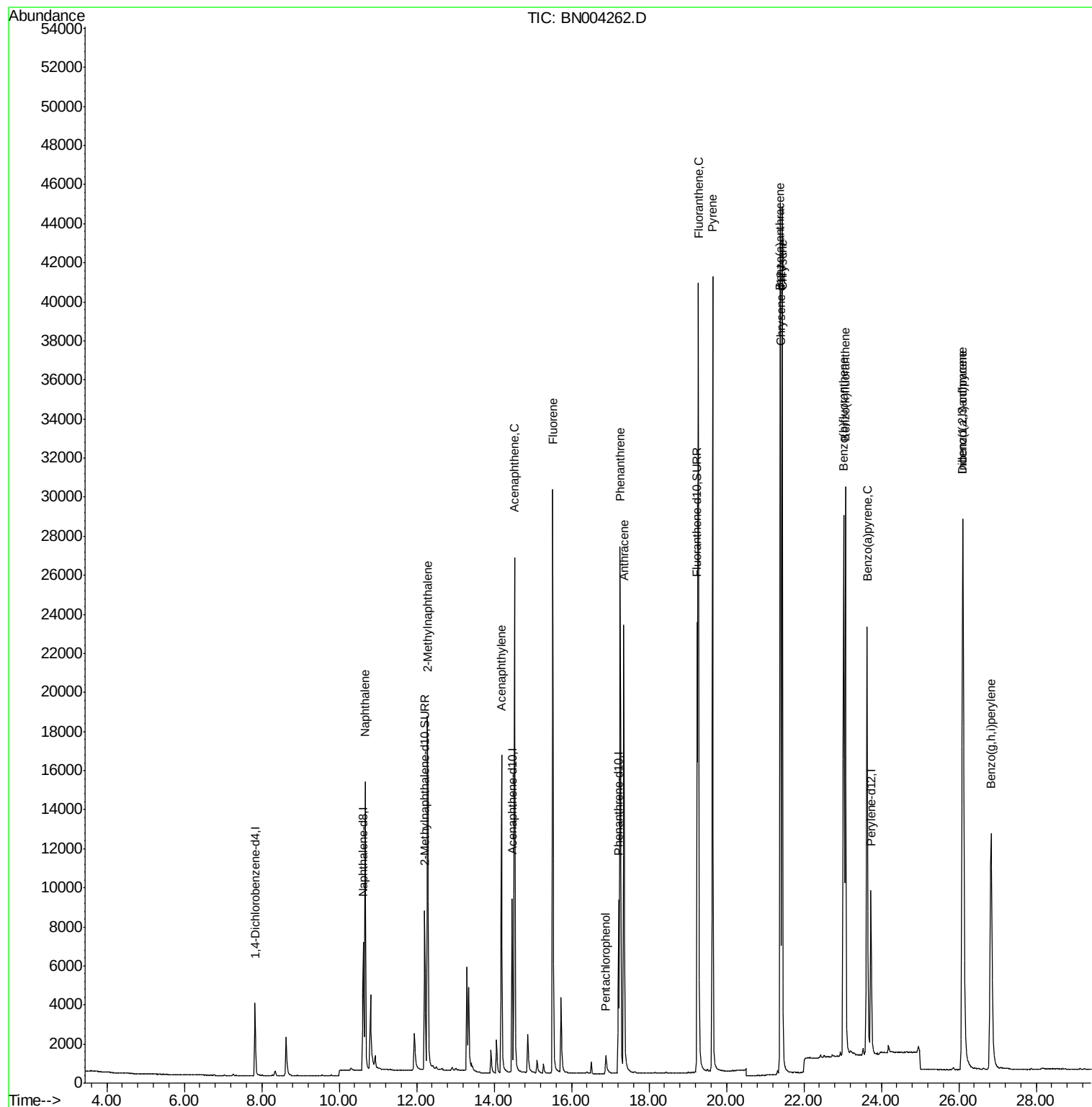
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2143	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	9009	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	5311	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	11790	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	14428	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	12461	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	11714	0.99	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	28313	1.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.67	128	20681	0.717	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	14885	0.813	ng/ul	100
7) Acenaphthylene	14.19	152	21610	0.818	ng/ul	99
8) Acenaphthene	14.53	153	16879	0.662	ng/ul	100
9) Fluorene	15.52	166	20248	0.731	ng/ul	100
11) Pentachlorophenol	16.88	266	1347	0.568	ng/ul	97
12) Phenanthrene	17.26	178	31104	0.646	ng/ul	99
13) Anthracene	17.35	178	29184	0.816	ng/ul	99
15) Fluoranthene	19.28	202	37616	0.806	ng/ul	99
17) Pyrene	19.64	202	38776	0.457	ng/ul	99
18) Benzo(a)anthracene	21.39	228	38633	0.682	ng/ul	99
19) Chrysene	21.44	228	40074	0.520	ng/ul	99
21) Benzo(b)fluoranthene	23.02	252	38684	0.516	ng/ul	98
22) Benzo(k)fluoranthene	23.07	252	39221	0.555	ng/ul	98
23) Benzo(a)pyrene	23.63	252	35558	0.606	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.11	276	37284	0.563	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.11	278	30598	0.640	ng/ul	97
26) Benzo(g,h,i)perylene	26.83	276	30534	0.468	ng/ul	98

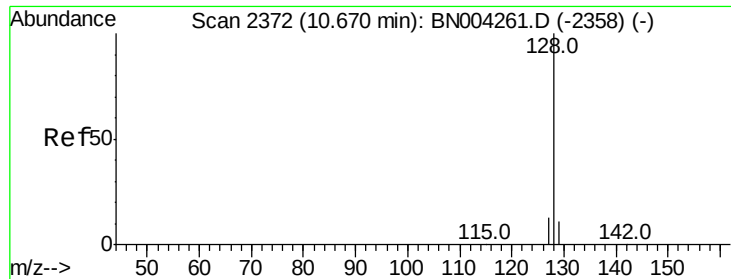
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
ClientSampled :

Quant Time: Dec 28 15:59:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN122818.M
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QLast Update : Fri Dec 28 15:21:10 2018
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#3

Naphthalene

Concen: 0.717 ng/ul

RT: 10.67 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

Instrument :

BNA_N

ClientSampleId :

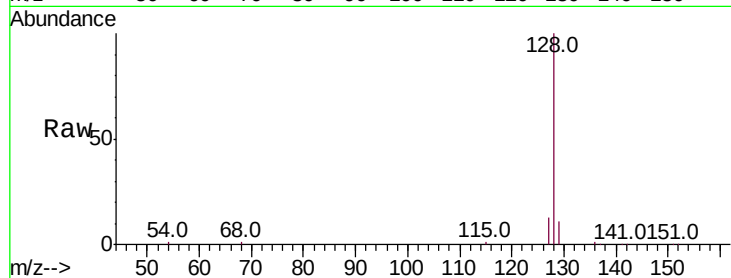
Tot Ion:128 Resp: 20681

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

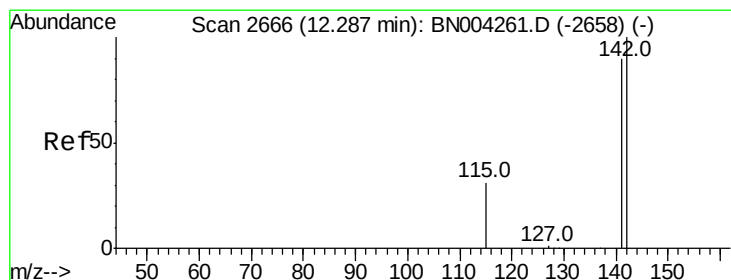
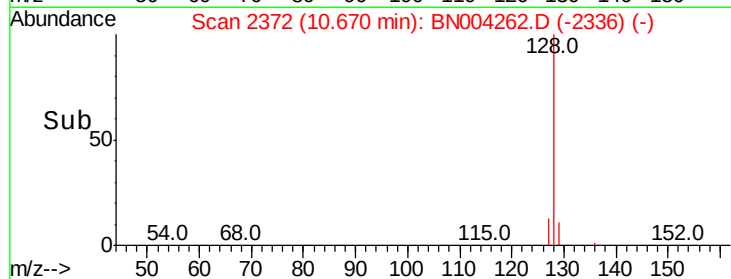
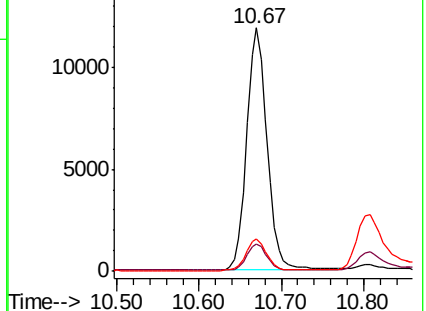
127 13.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.813 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BN004262.D

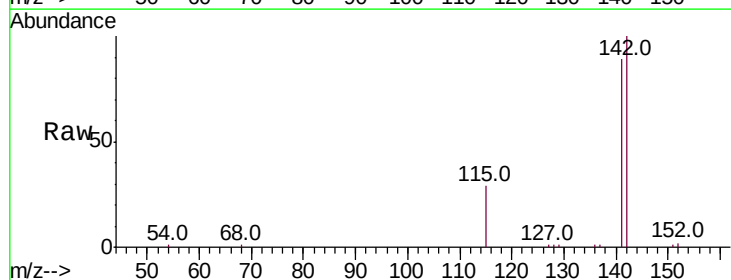
Acq: 28 Dec 2018 15:01

Tgt Ion:142 Resp: 14885

Ion Ratio Lower Upper

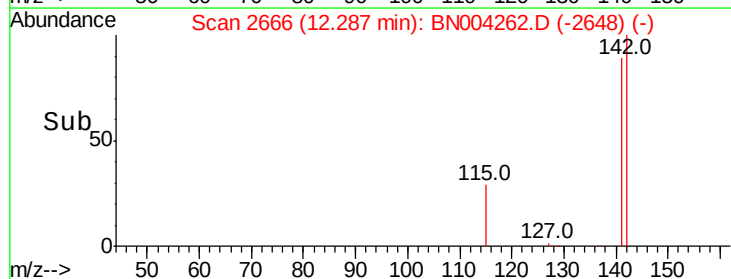
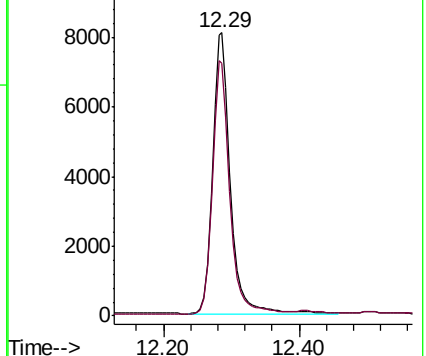
142 100

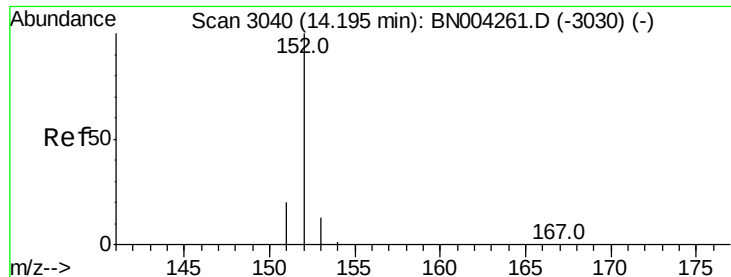
141 89.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.818 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

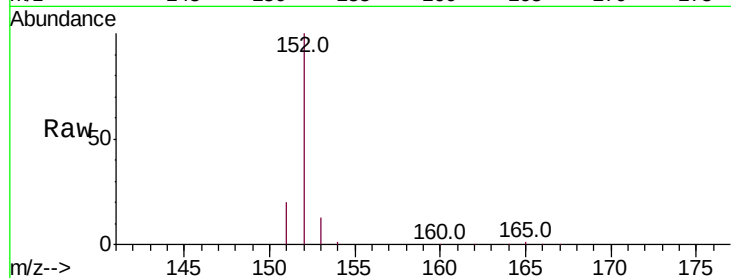
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 21610

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.4	11.1	16.7

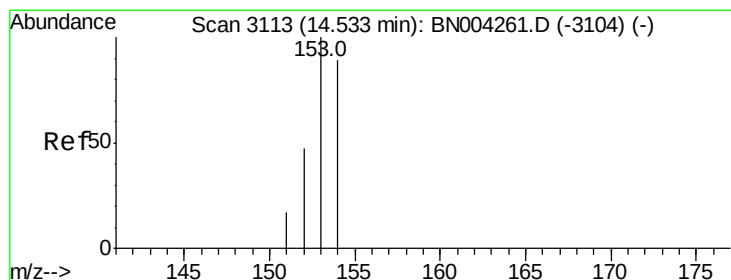
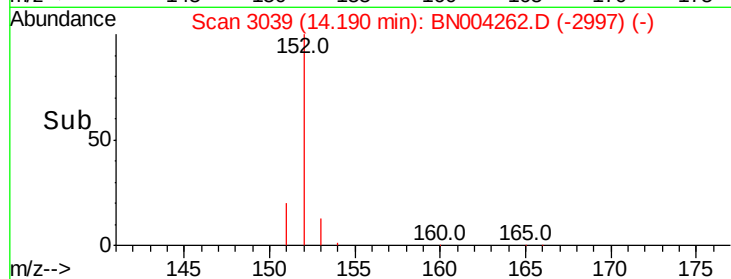
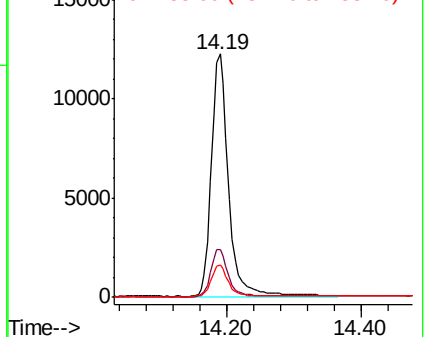


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.662 ng/ul

RT: 14.53 min Scan# 3112

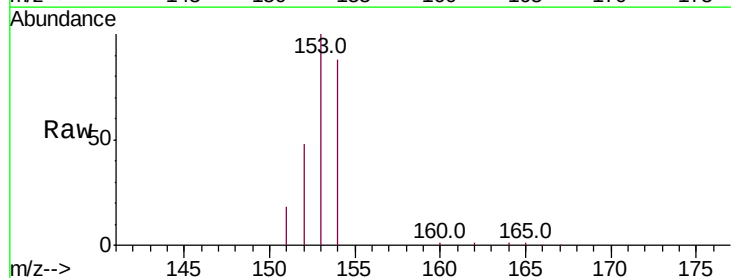
Delta R.T. -0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

Tgt Ion:153 Resp: 16879

Ion	Ratio	Lower	Upper
153	100		
152	48.2	38.2	57.2
154	88.4	70.9	106.3

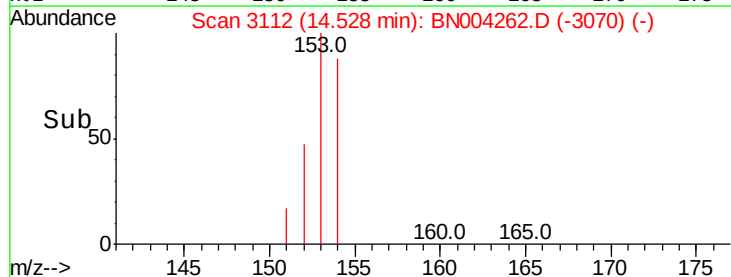
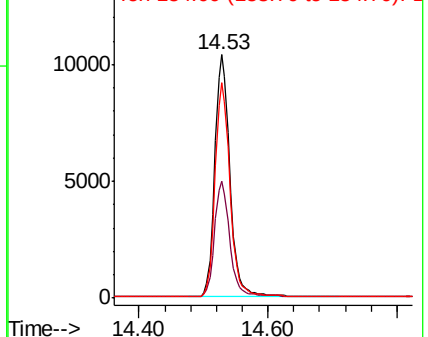


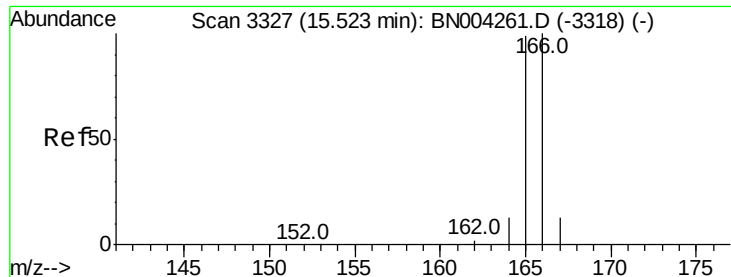
Abundance

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

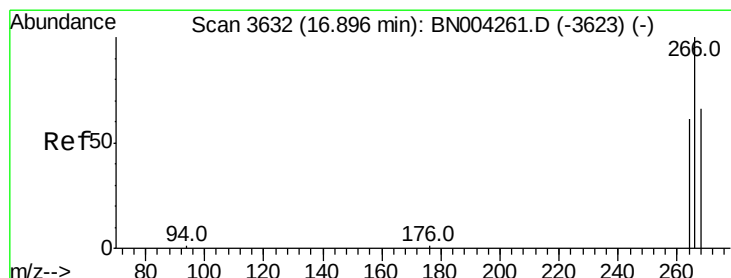
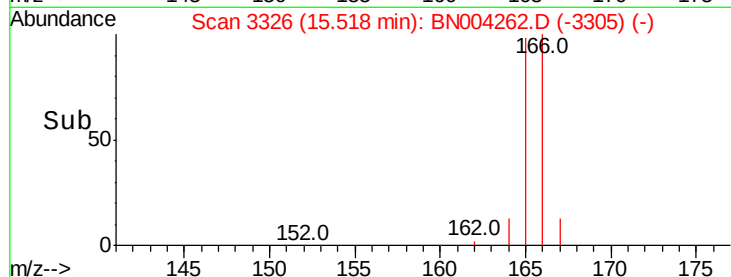
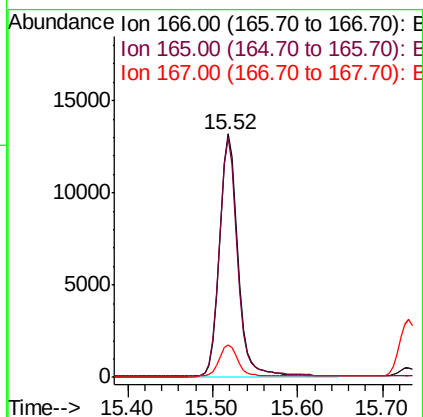
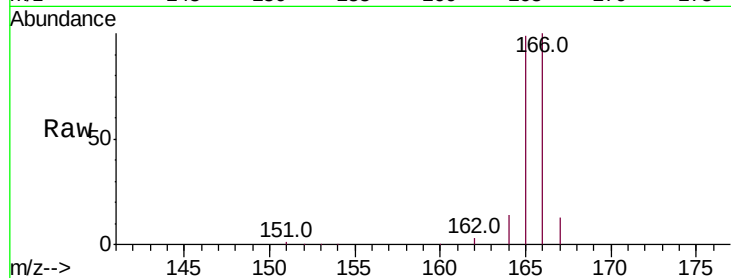




#9
Fluorene
 Concen: 0.731 ng/ul
 RT: 15.52 min Scan# 3326
 Delta R.T. -0.00 min
 Lab File: BN004262.D
 Acq: 28 Dec 2018 15:01

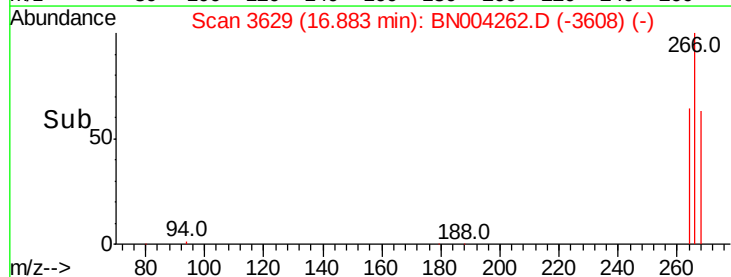
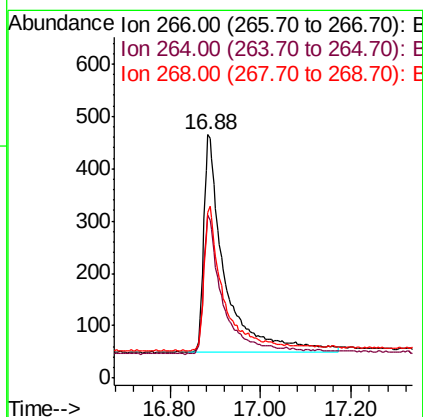
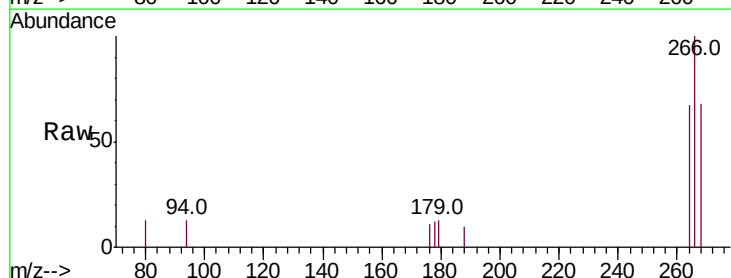
Instrument :
 BNA_N
 ClientSampleId :

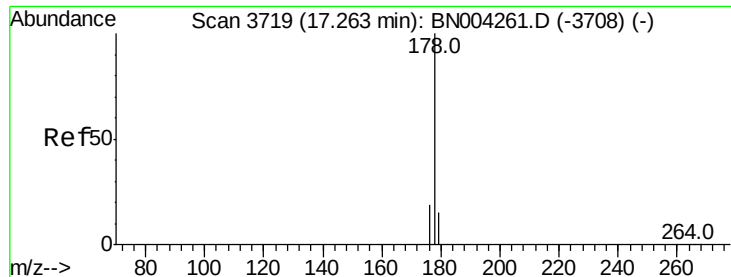
Tot Ion:166 Resp: 20248
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.0 118.6
 167 13.4 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.568 ng/ul
 RT: 16.88 min Scan# 3629
 Delta R.T. -0.01 min
 Lab File: BN004262.D
 Acq: 28 Dec 2018 15:01

Tgt Ion:266 Resp: 1347
 Ion Ratio Lower Upper
 266 100
 264 60.5 51.1 76.7
 268 63.8 52.6 78.8





#12

Phenanthrene

Concen: 0.646 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

Instrument :

BNA_N

ClientSampleId :

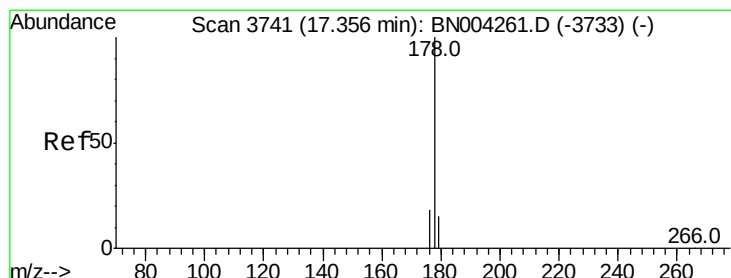
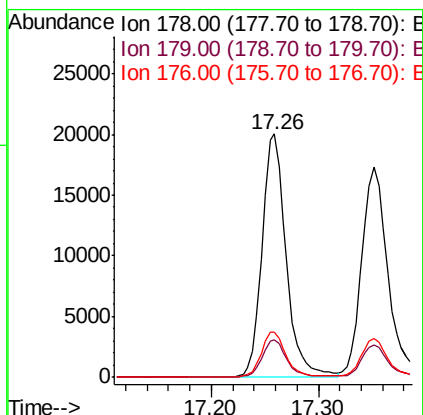
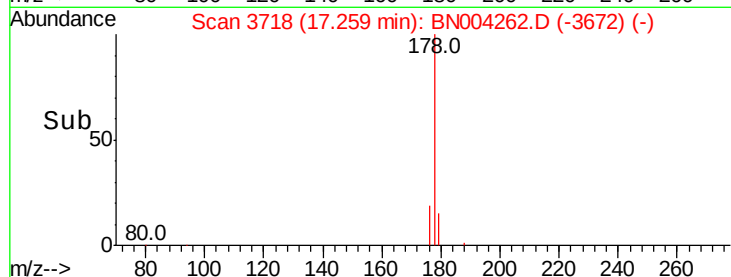
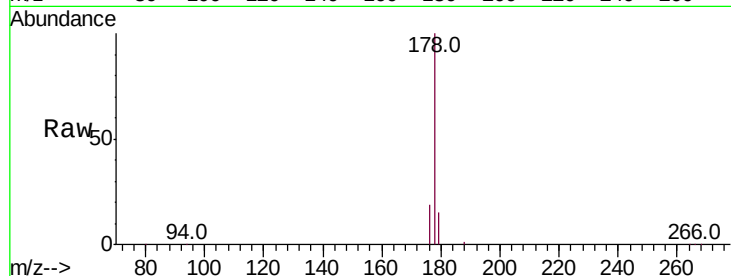
Tot Ion:178 Resp: 31104

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 18.7 15.2 22.8



#13

Anthracene

Concen: 0.816 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

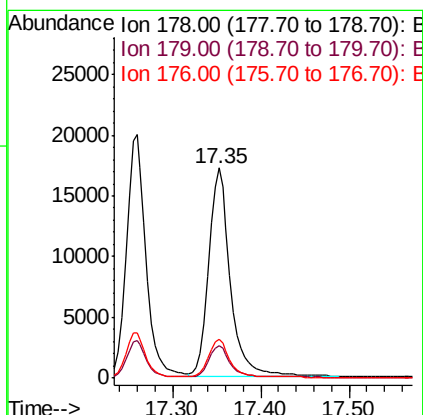
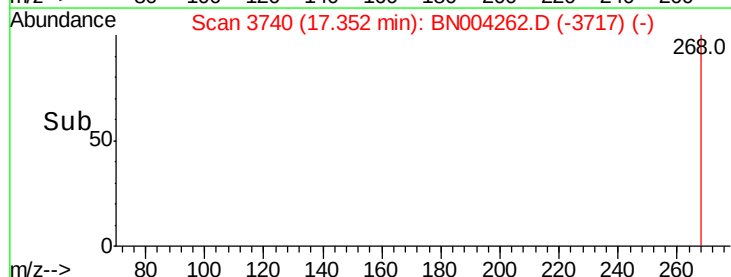
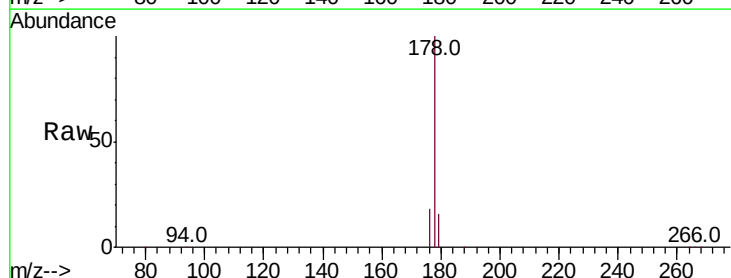
Tgt Ion:178 Resp: 29184

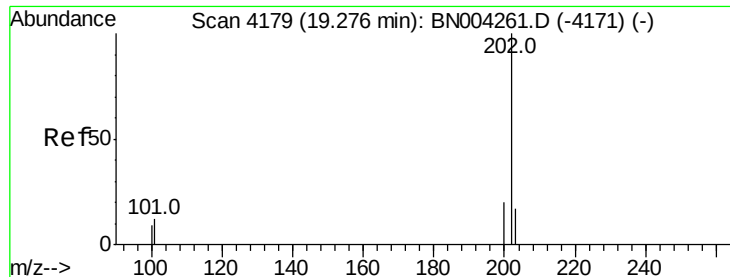
Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

176 18.2 15.0 22.6

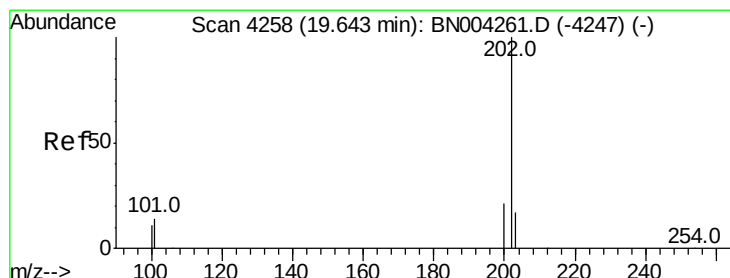
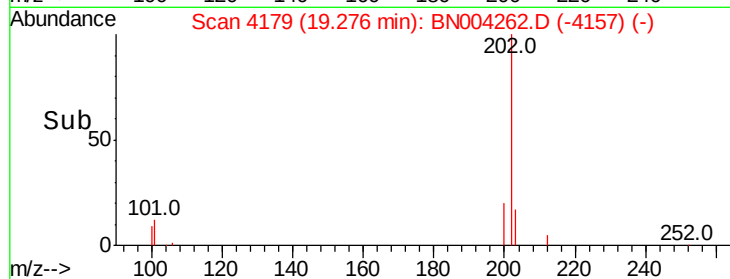
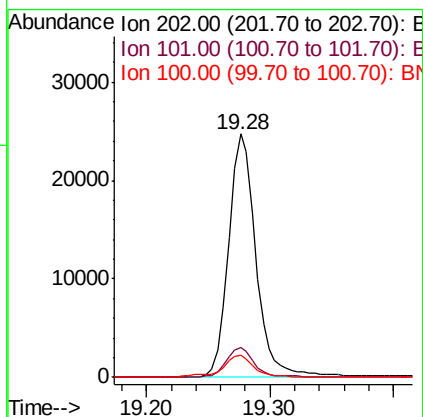
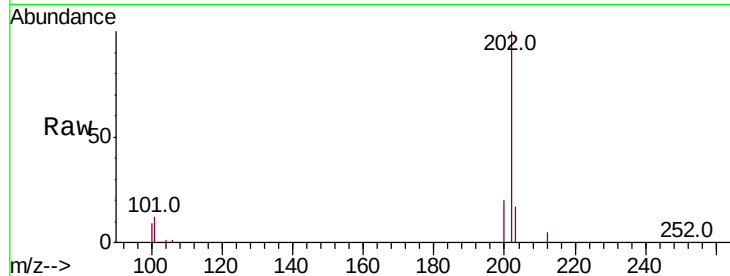




#15
Fluoranthene
Concen: 0.806 ng/ul
RT: 19.28 min Scan# 4179
Delta R.T. -0.00 min
Lab File: BN004262.D
Acq: 28 Dec 2018 15:01

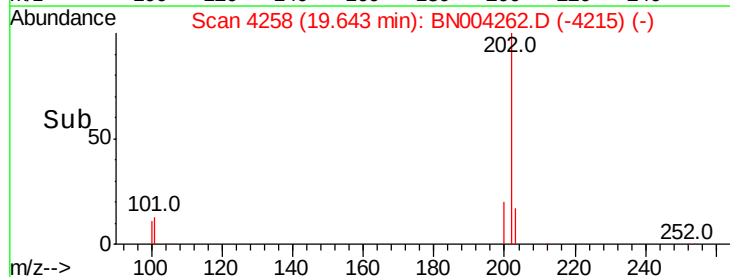
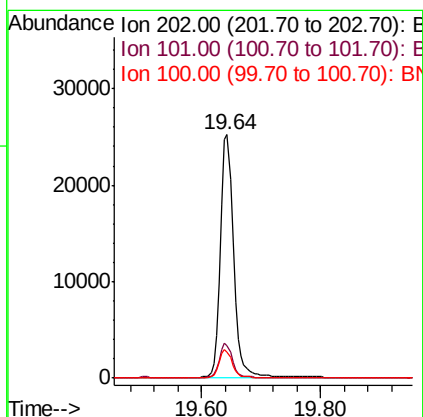
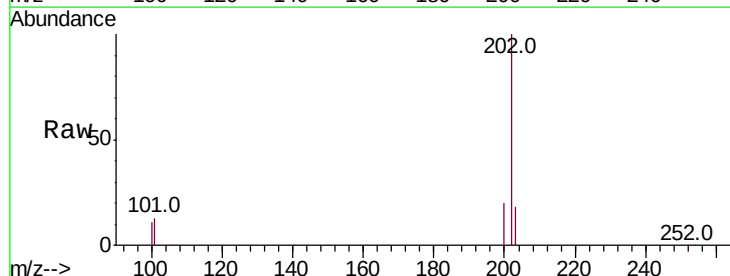
Instrument :
BNA_N
ClientSampleId :

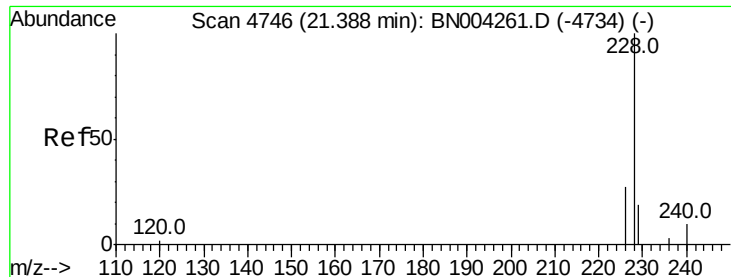
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.6
100	9.2	0.0	29.7



#17
Pyrene
Concen: 0.457 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. -0.00 min
Lab File: BN004262.D
Acq: 28 Dec 2018 15:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.2	16.8
100	10.8	9.1	13.7





#18

Benzo(a)anthracene

Concen: 0.682 ng/ul

RT: 21.39 min Scan# 4746

Delta R.T. 0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

Instrument :

BNA_N

ClientSampled :

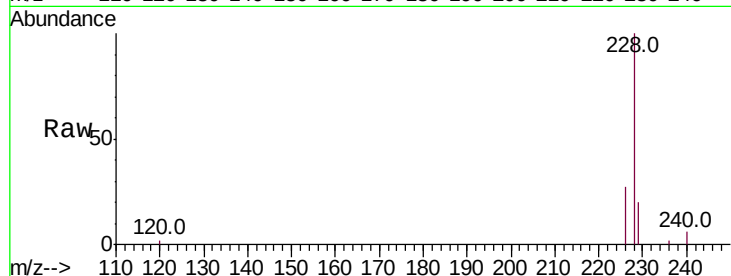
Tot Ion:228 Resp: 38633

Ion Ratio Lower Upper

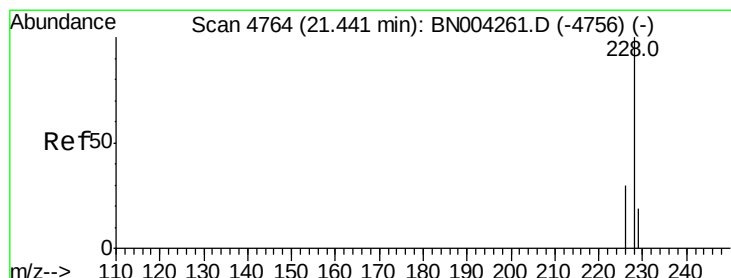
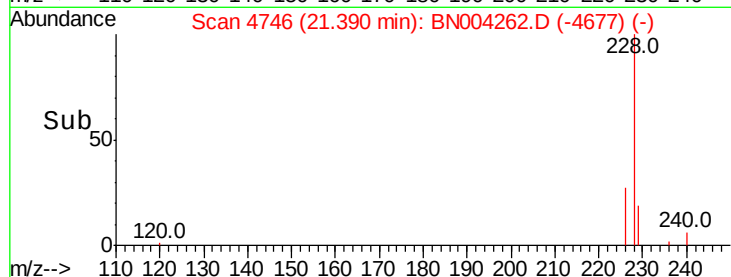
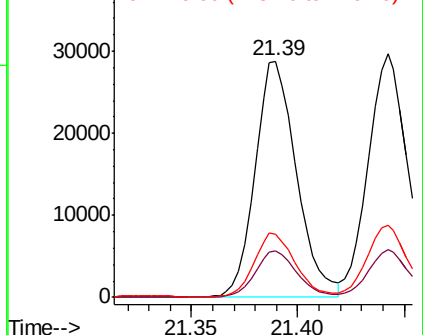
228 100

229 19.7 15.9 23.9

226 26.9 21.9 32.9



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: 0.520 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

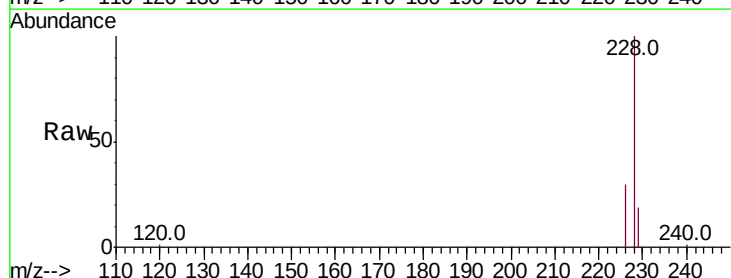
Tgt Ion:228 Resp: 40074

Ion Ratio Lower Upper

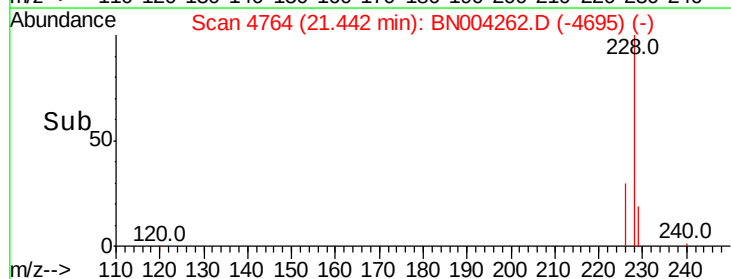
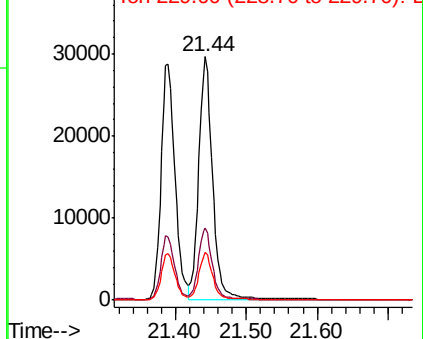
228 100

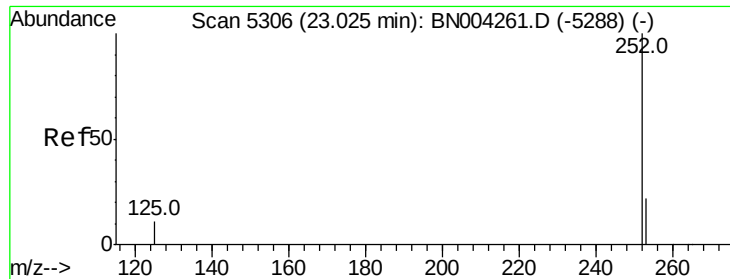
226 29.7 24.3 36.5

229 19.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.516 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

Instrument :

BNA_N

ClientSampleId :

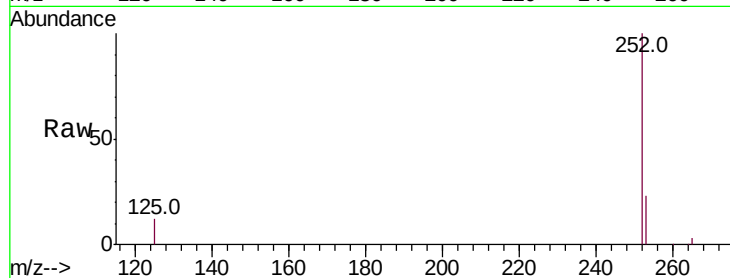
Tot Ion:252 Resp: 38684

Ion Ratio Lower Upper

252 100

253 22.5 0.0 47.6

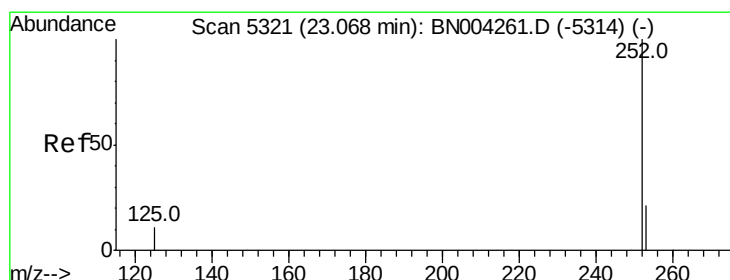
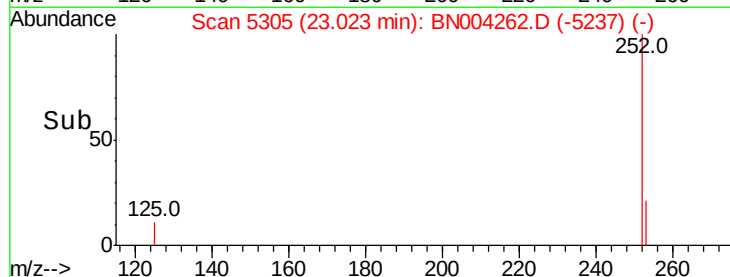
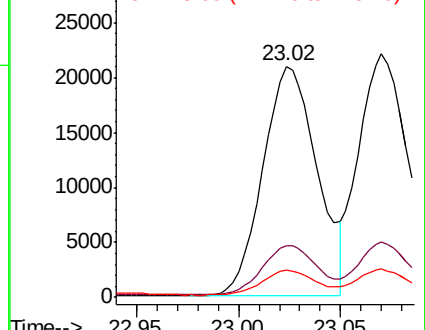
125 11.8 0.0 25.0



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: 0.555 ng/ul

RT: 23.07 min Scan# 5321

Delta R.T. 0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

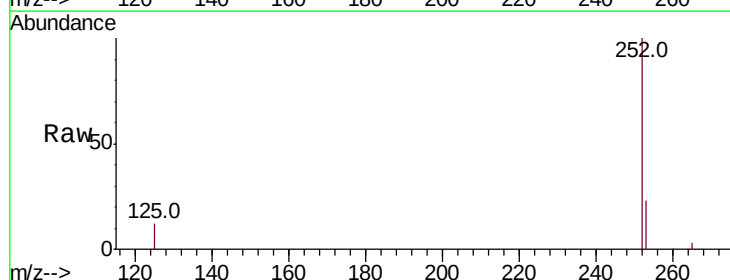
Tgt Ion:252 Resp: 39221

Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.6

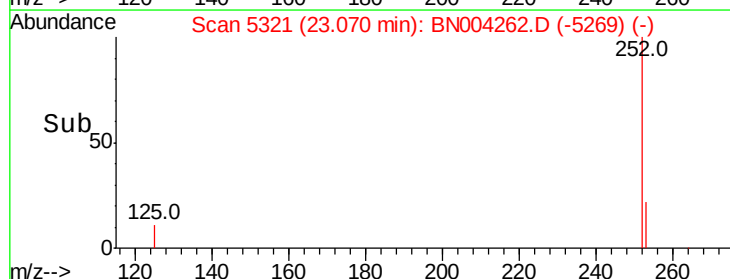
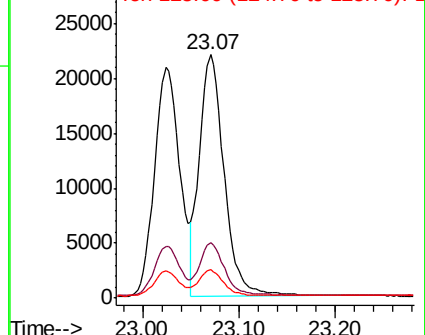
125 11.6 10.2 15.2

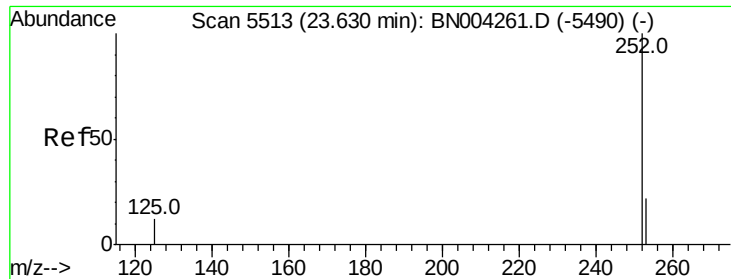


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.606 ng/ul

RT: 23.63 min Scan# 5513

Delta R.T. 0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

Instrument :

BNA_N

ClientSampleId :

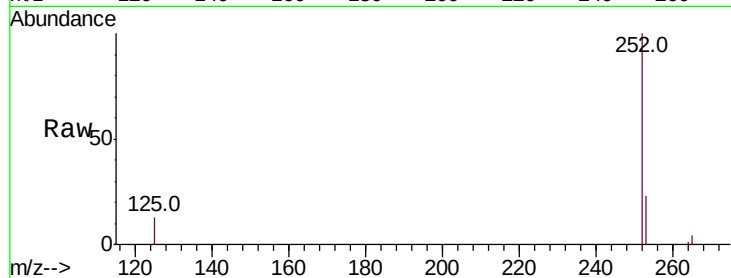
Tot Ion:252 Resp: 35558

Ion Ratio Lower Upper

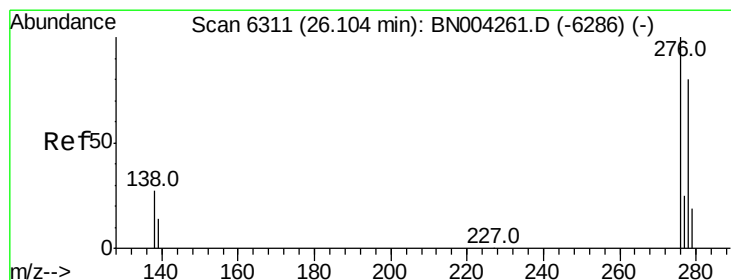
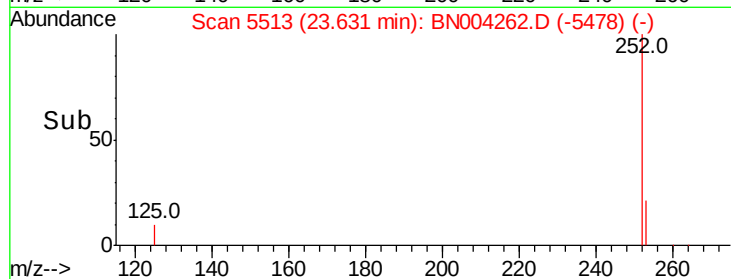
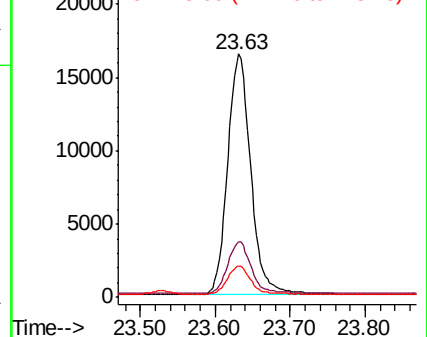
252 100

253 23.0 20.0 30.0

125 13.0 11.4 17.0



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: 0.563 ng/ul

RT: 26.11 min Scan# 6311

Delta R.T. 0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

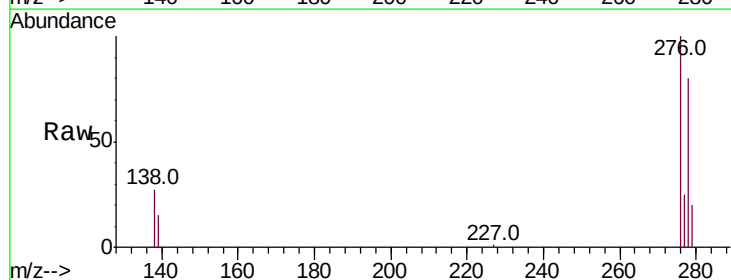
Tgt Ion:276 Resp: 37284

Ion Ratio Lower Upper

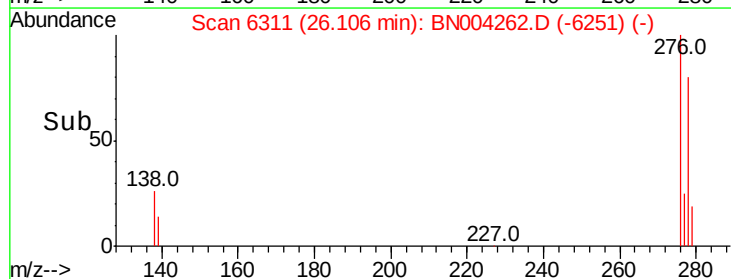
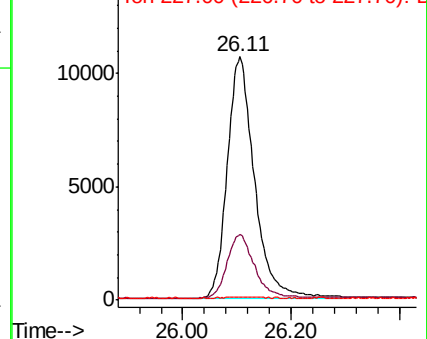
276 100

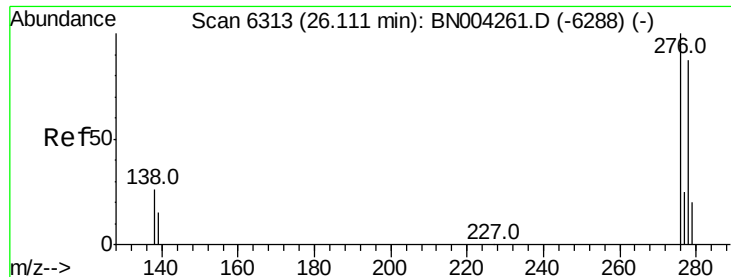
138 26.2 0.0 0.0#

227 0.1 0.1 0.1#



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: 0.640 ng/ul

RT: 26.11 min Scan# 6313

Delta R.T. 0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

Instrument :

BNA_N

ClientSampleId :

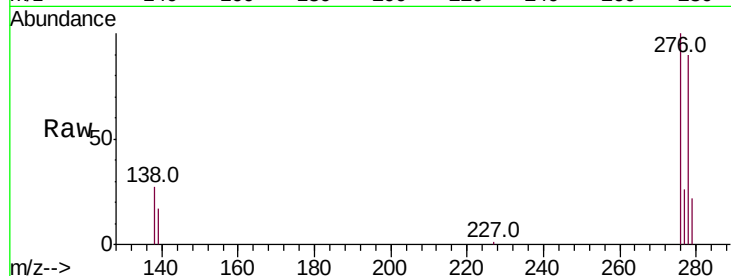
Tot Ion:278 Resp: 30598

Ion Ratio Lower Upper

278 100

139 18.5 15.4 23.2

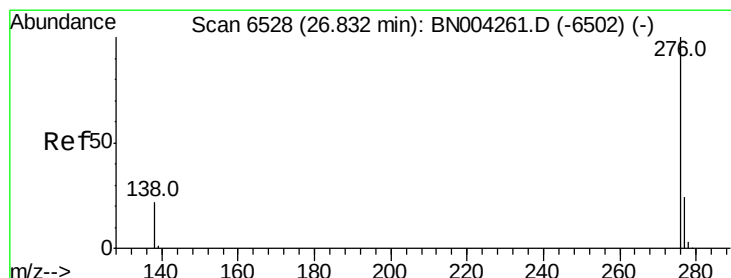
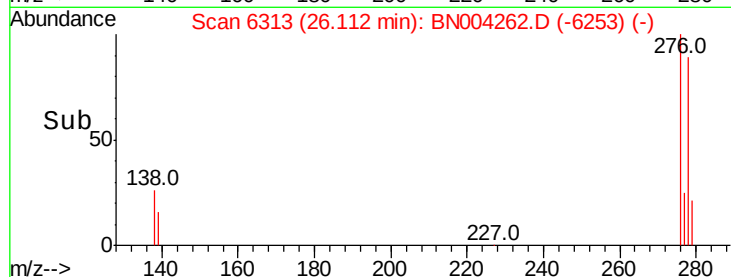
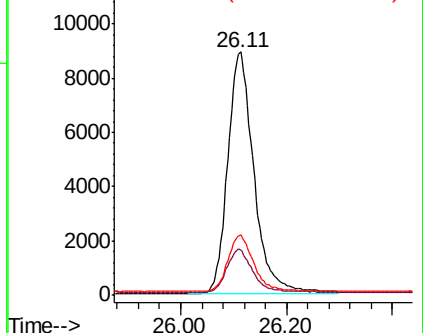
279 24.7 21.0 31.6



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(g,h,i)perylene

Concen: 0.468 ng/ul

RT: 26.83 min Scan# 6528

Delta R.T. 0.00 min

Lab File: BN004262.D

Acq: 28 Dec 2018 15:01

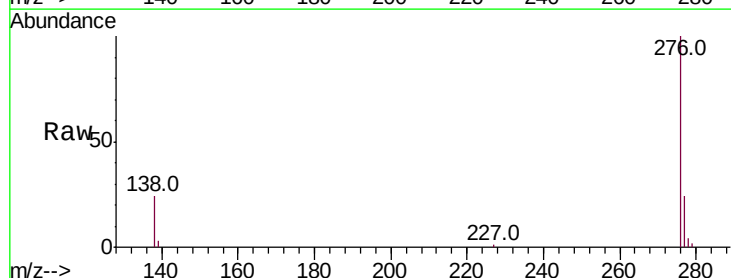
Tgt Ion:276 Resp: 30534

Ion Ratio Lower Upper

276 100

138 23.6 19.4 29.0

277 24.3 20.4 30.6



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

