

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Quant Time: Jun 07 01:35:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5992	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	23214	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12577	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1470787	0.40	ng/ul	0.10
16) Chrysene-d12	21.39	240	280	0.40	ng/ul	0.13
20) Perylene-d12	23.49	264	44761	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	8340	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

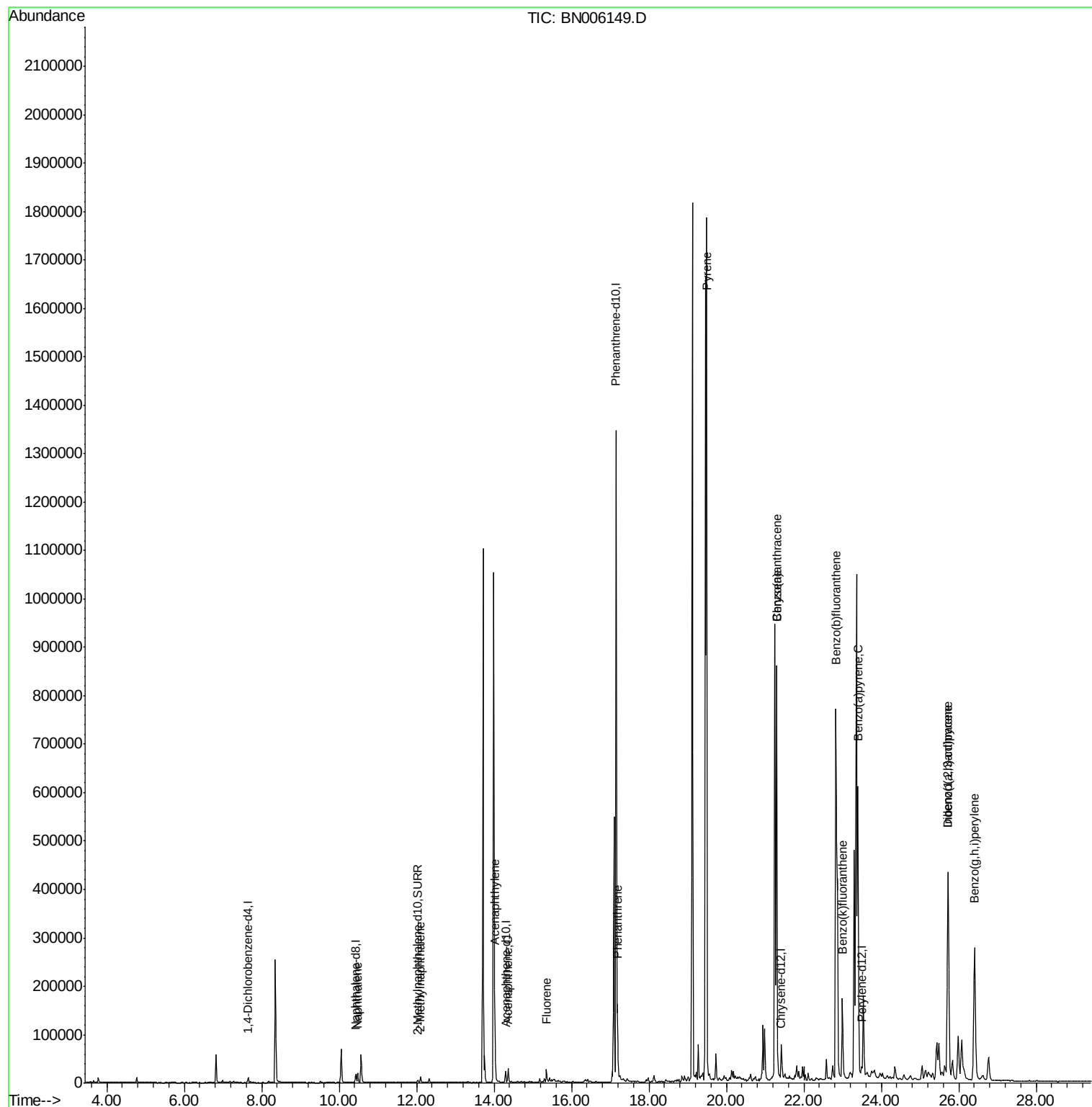
Target Compounds					Qvalue
3) Naphthalene	10.48	128	26545	0.414	ng/ul 99
5) 2-Methylnaphthalene	12.10	142	9506	0.213	ng/ul 100
7) Acenaphthylene	14.02	152	143225	2.049	ng/ul 99
8) Acenaphthene	14.36	153	16307	0.336	ng/ul 99
9) Fluorene	15.35	166	18928	0.334	ng/ul# 94
12) Phenanthrene	17.18	178	156062	0.033	ng/ul 99
17) Pyrene	19.49	202	1407001	953.977	ng/ul 97
18) Benzo(a)anthracene	21.30	228	853714	689.369	ng/ul 96
19) Chrysene	21.30	228	838856	721.548	ng/ul 99
21) Benzo(b)fluoranthene	22.82	252	1705225	9.136	ng/ul 90
22) Benzo(k)fluoranthene	23.00	252	144639	0.796	ng/ul 98
23) Benzo(a)pyrene	23.40	252	814948	4.688	ng/ul# 85
24) Indeno(1,2,3-cd)pyrene	25.72	276	695326	3.696	ng/ul# 88
25) Dibenzo(a,h)anthracene	25.72	278	168296	1.119	ng/ul 92
26) Benzo(g,h,i)perylene	26.41	276	545217	3.460	ng/ul 94

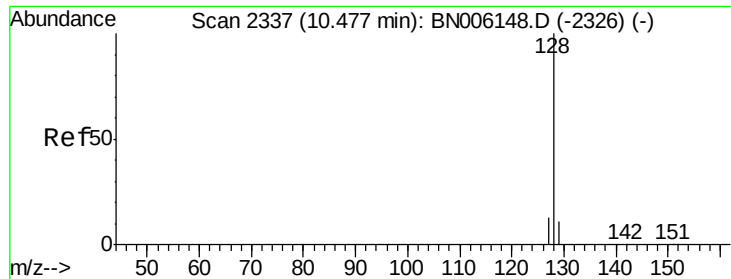
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.414 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

Instrument :

BNA_N

ClientSampleId :

C0AC0

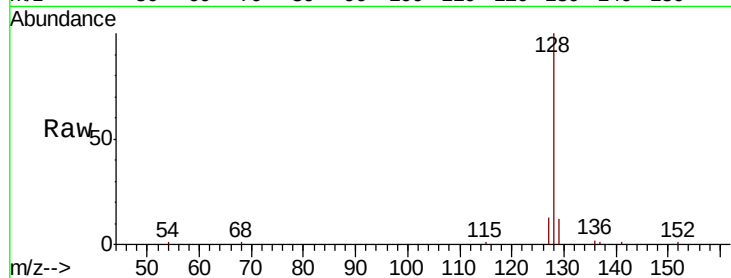
Tgt Ion:128 Resp: 26545

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

127 13.1 10.7 16.1

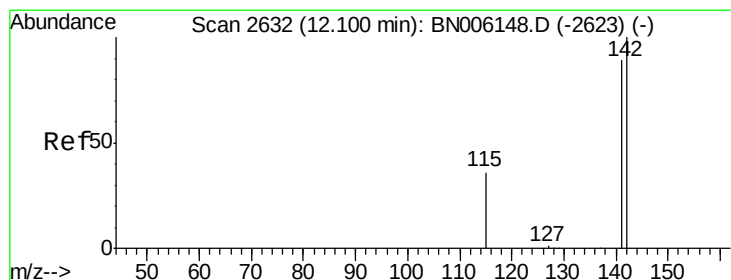
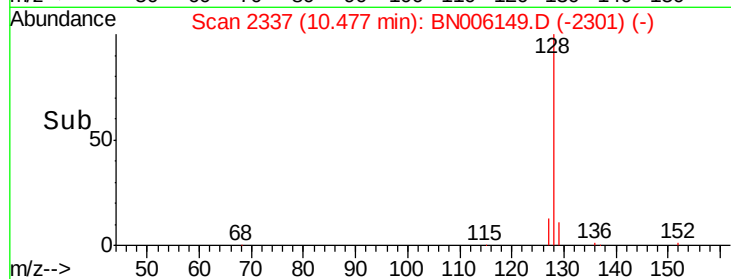
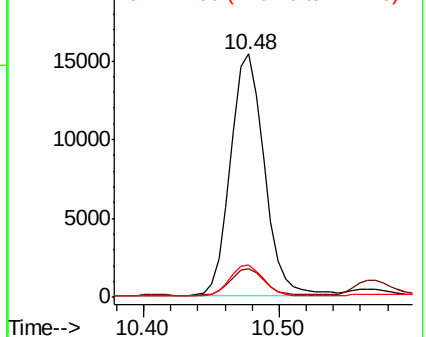


Abundance

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: 0.213 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006149.D

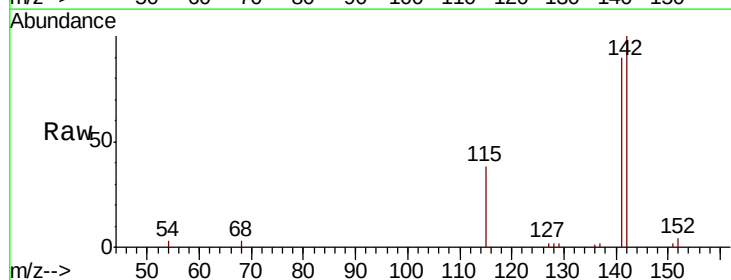
Acq: 07 Jun 2019 00:03

Tgt Ion:142 Resp: 9506

Ion Ratio Lower Upper

142 100

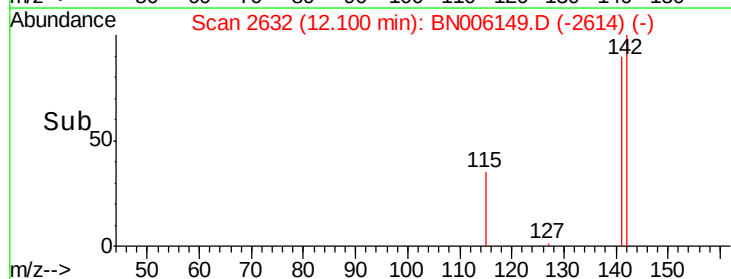
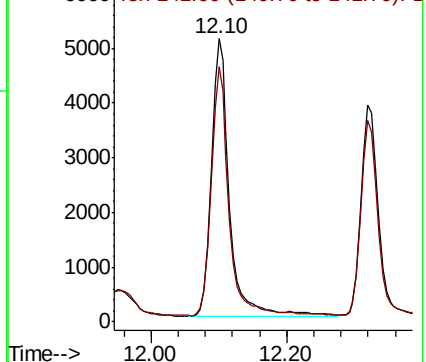
141 87.5 70.3 105.5

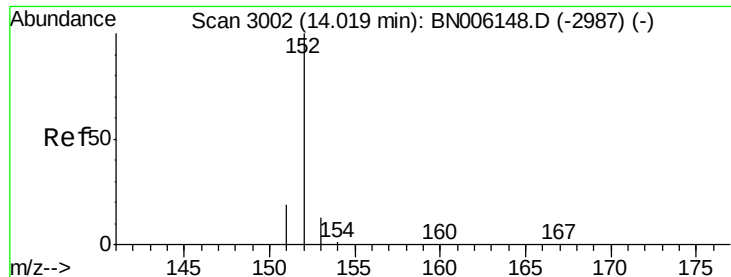


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.049 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

Instrument :

BNA_N

ClientSampleId :

C0AC0

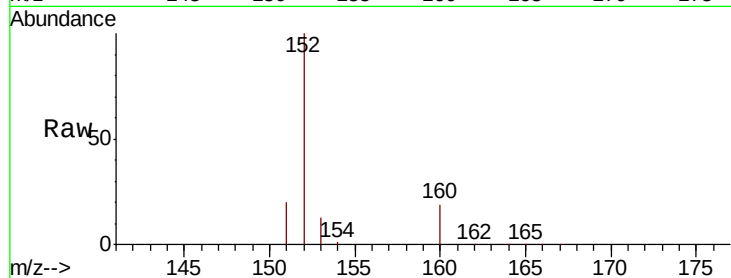
Tgt Ion:152 Resp: 143225

Ion Ratio Lower Upper

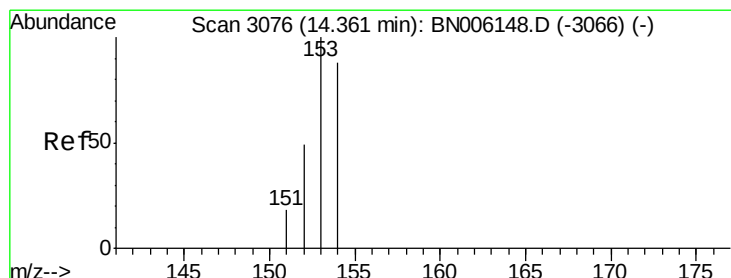
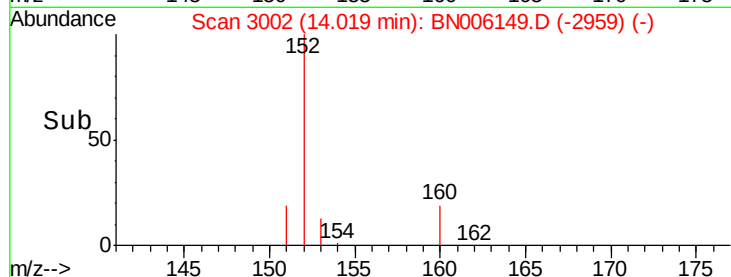
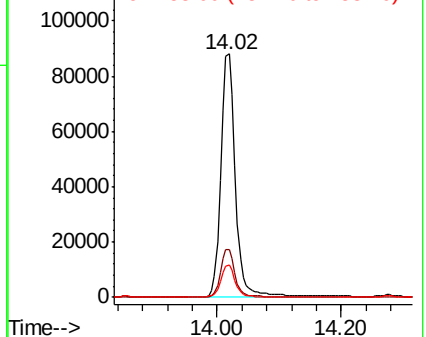
152 100

151 19.6 15.8 23.8

153 13.2 10.8 16.2



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: 0.336 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

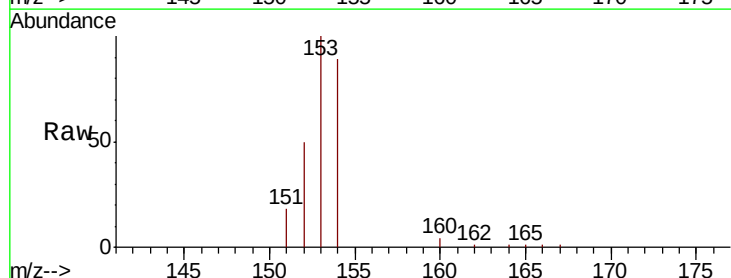
Tgt Ion:153 Resp: 16307

Ion Ratio Lower Upper

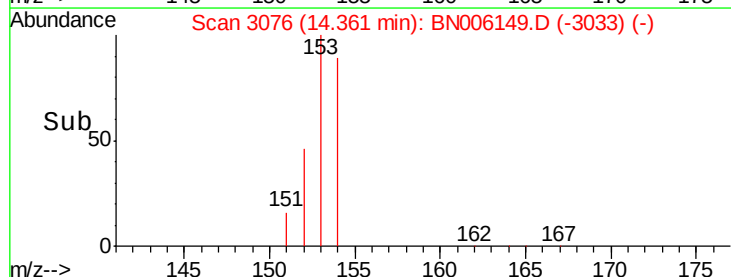
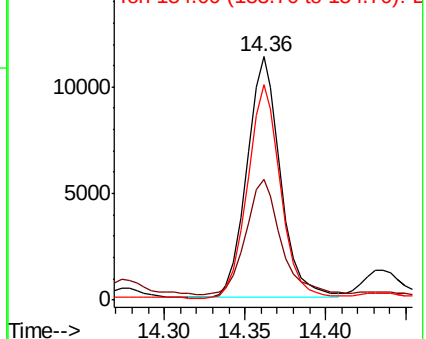
153 100

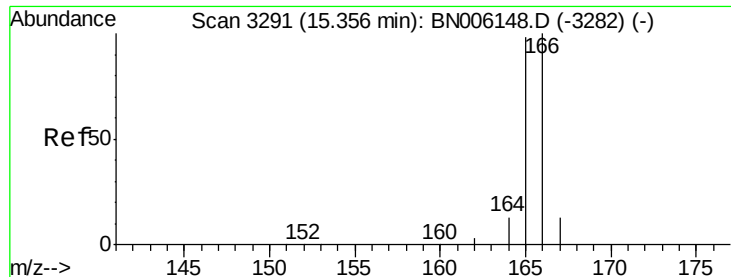
152 49.7 39.1 58.7

154 88.5 71.1 106.7



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

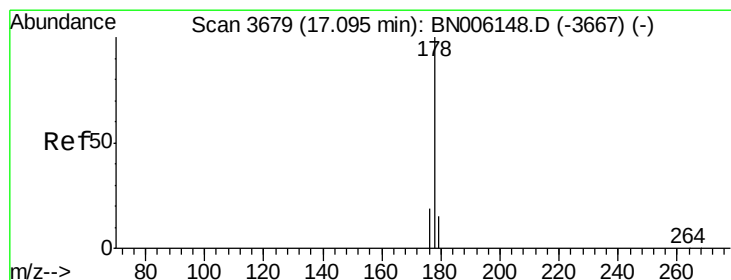
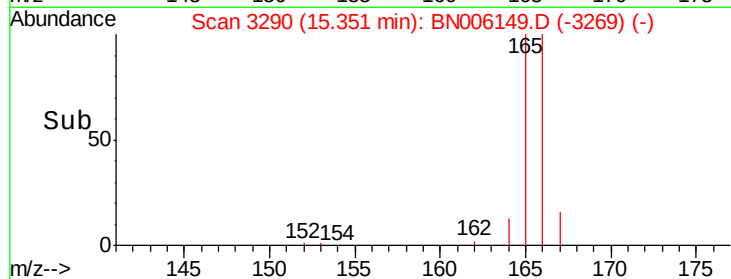
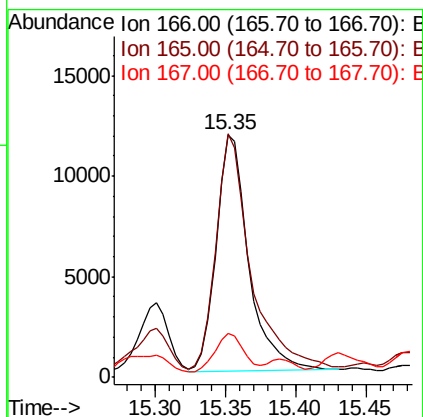
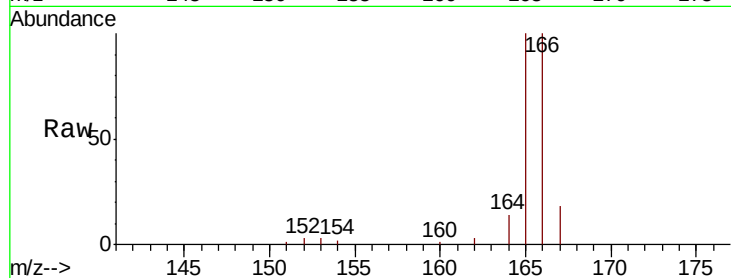




#9
Fluorene
 Concen: 0.334 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006149.D
 Acq: 07 Jun 2019 00:03

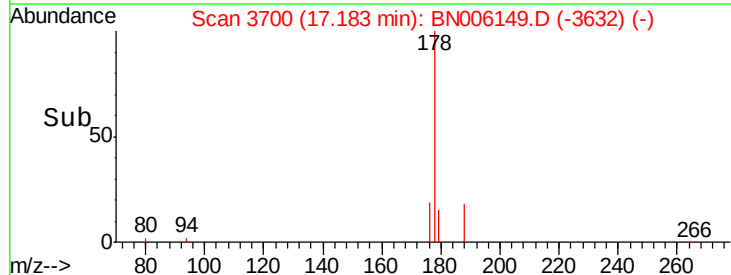
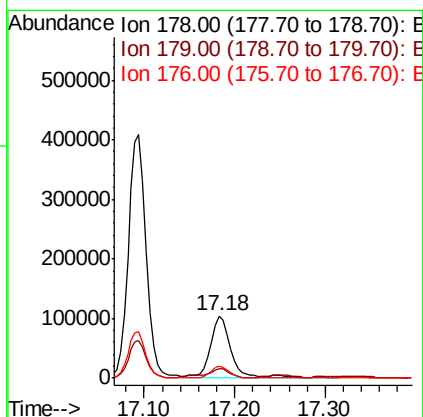
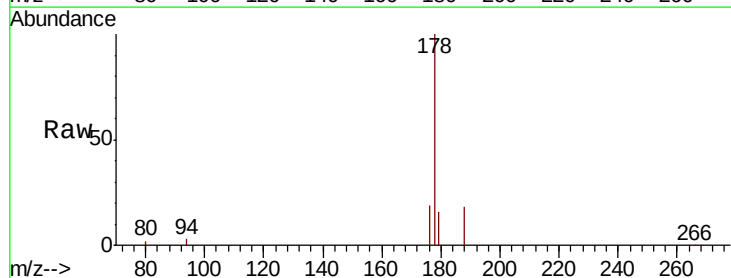
Instrument :
 BNA_N
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 C0AC0

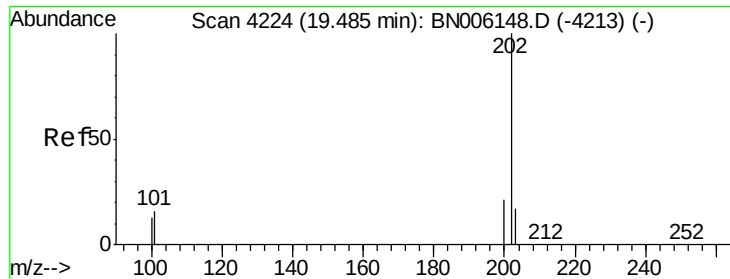
Tgt Ion:166 Resp: 18928
 Ion Ratio Lower Upper
 166 100
 165 100.5 76.4 114.6
 167 18.0 11.0 16.6#



#12
Phenanthrene
 Concen: 0.033 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. 0.09 min
 Lab File: BN006149.D
 Acq: 07 Jun 2019 00:03

Tgt Ion:178 Resp: 156062
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 18.6 15.3 22.9

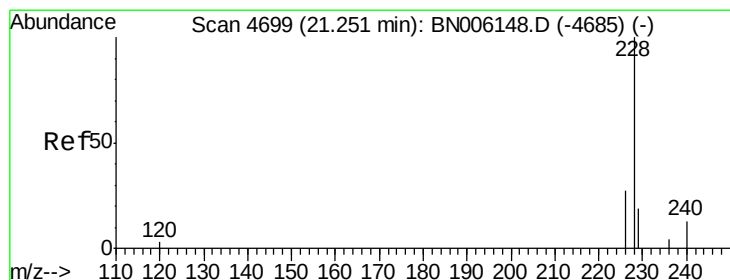
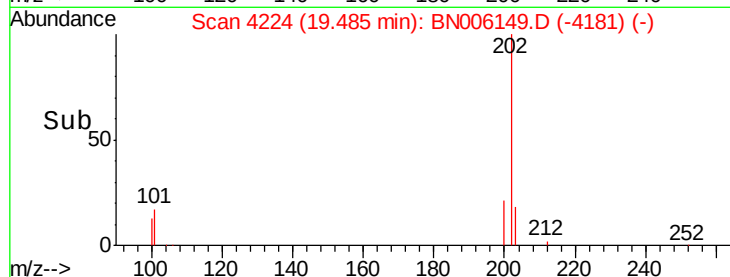
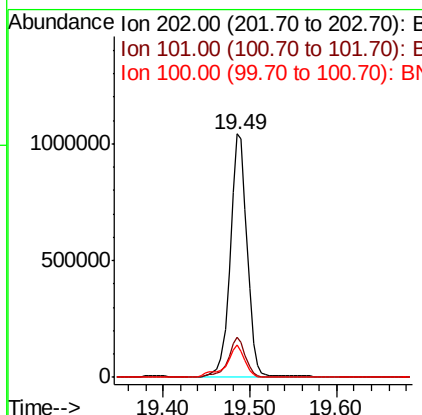
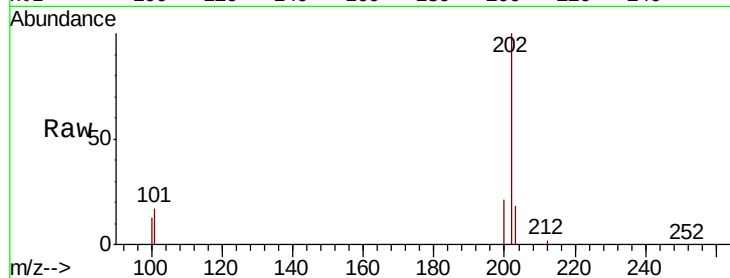




#17
 Pyrene
 Concen: 953.977 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN006149.D
 Acq: 07 Jun 2019 00:03

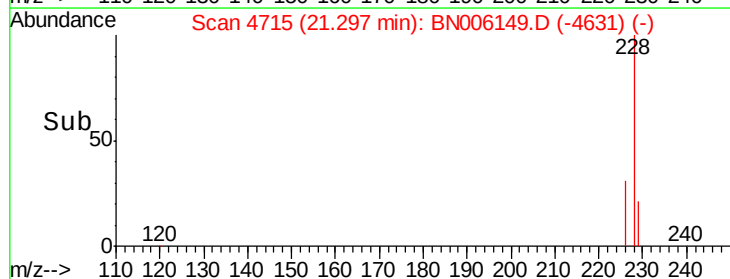
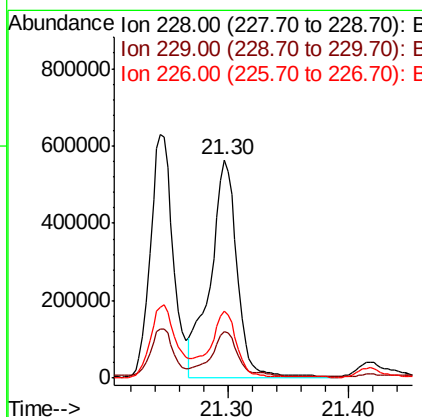
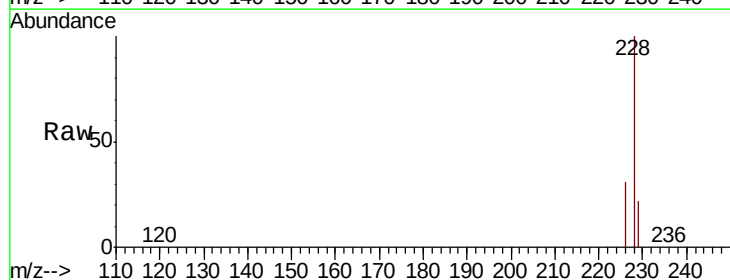
Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

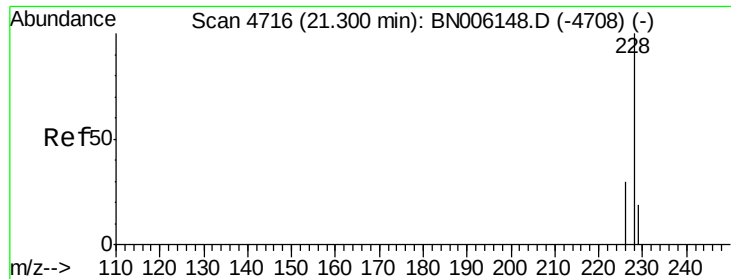
Tgt Ion:202 Resp: 1407001
 Ion Ratio Lower Upper
 202 100
 101 16.6 12.2 18.2
 100 13.2 9.8 14.6



#18
 Benzo(a)anthracene
 Concen: 689.369 ng/ul
 RT: 21.30 min Scan# 4715
 Delta R.T. 0.05 min
 Lab File: BN006149.D
 Acq: 07 Jun 2019 00:03

Tgt Ion:228 Resp: 853714
 Ion Ratio Lower Upper
 228 100
 229 21.6 16.5 24.7
 226 30.9 22.8 34.2





#19

Chrysene

Concen: 721.548 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

Instrument :

BNA_N

ClientSampleId :

C0AC0

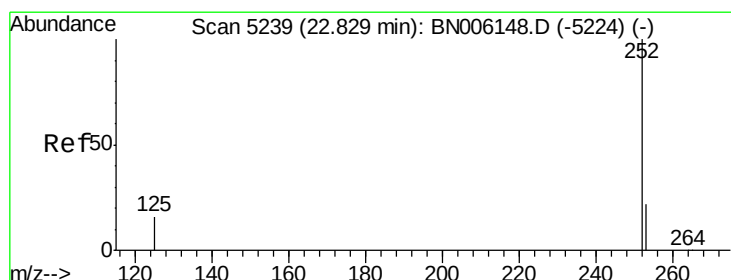
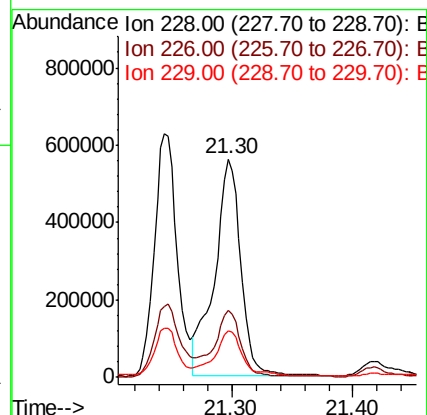
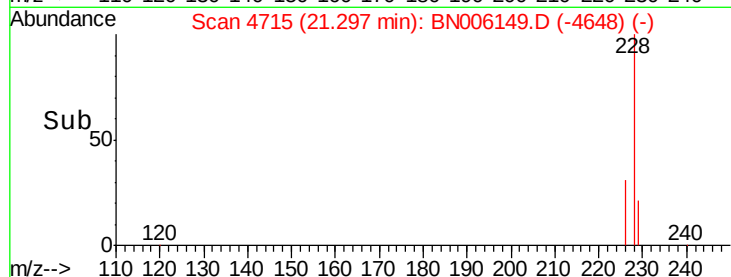
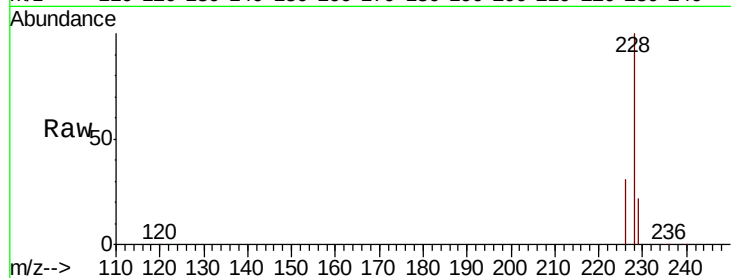
Tgt Ion:228 Resp: 838856

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 21.6 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 9.136 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.01 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

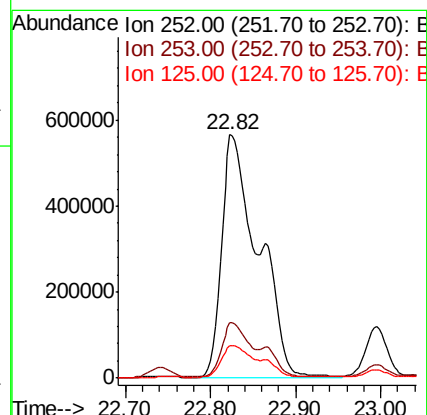
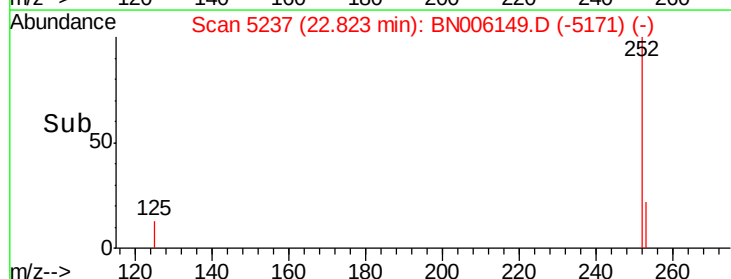
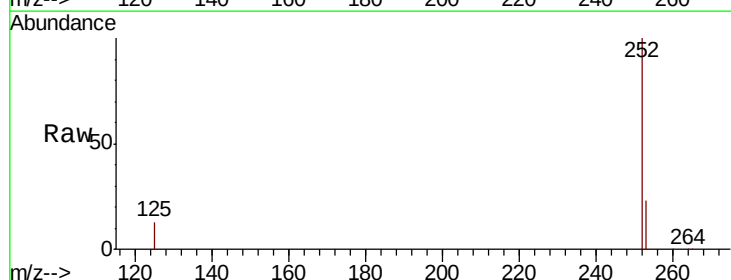
Tgt Ion:252 Resp: 1705225

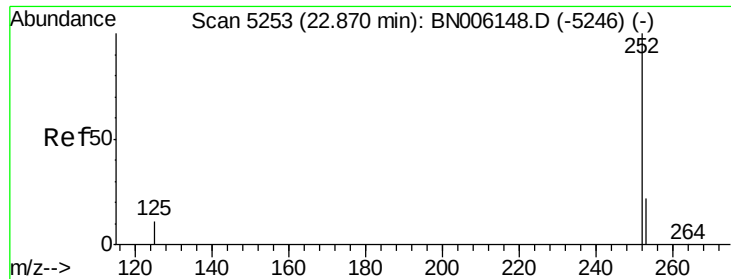
Ion Ratio Lower Upper

252 100

253 22.6 0.0 51.4

125 13.3 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 0.796 ng/ul

RT: 23.00 min Scan# 5296

Delta R.T. 0.13 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

Instrument :

BNA_N

ClientSampleId :

C0AC0

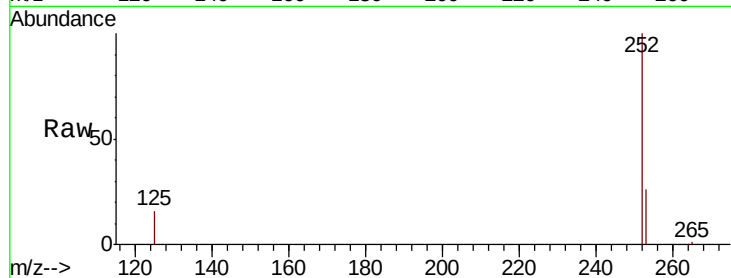
Tgt Ion:252 Resp: 144639

Ion Ratio Lower Upper

252 100

253 26.0 20.3 30.5

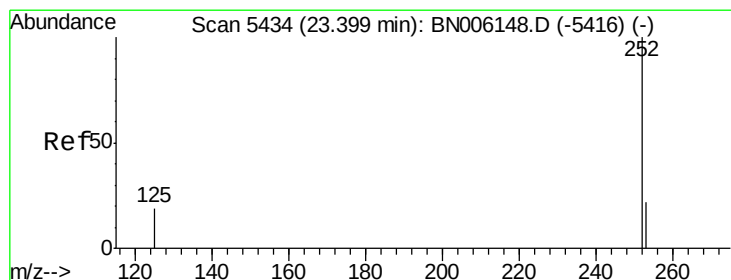
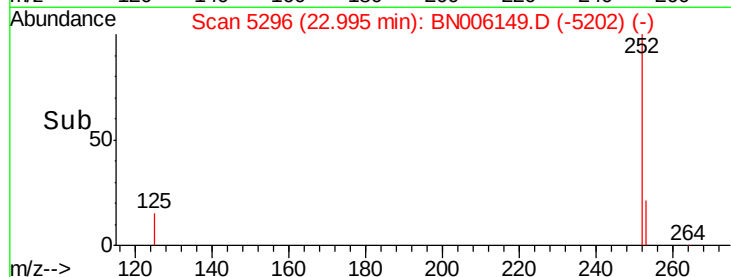
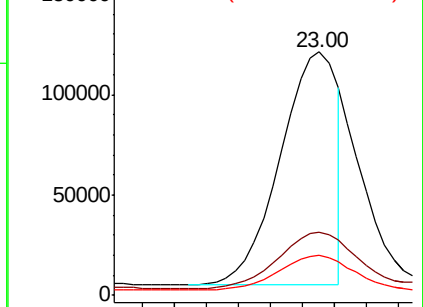
125 16.2 14.3 21.5



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: 4.688 ng/ul

RT: 23.40 min Scan# 5433

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

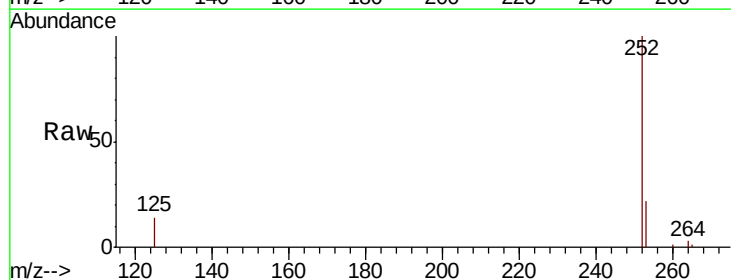
Tgt Ion:252 Resp: 814948

Ion Ratio Lower Upper

252 100

253 22.4 21.1 31.7

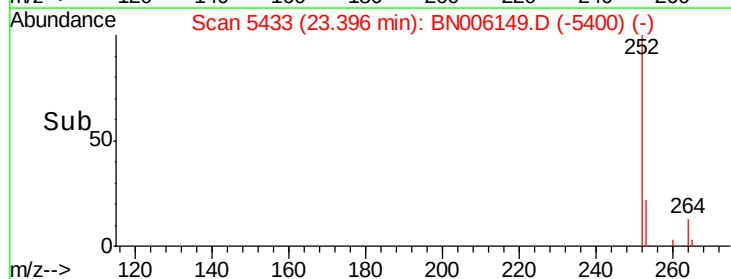
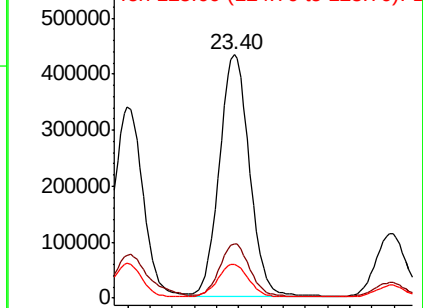
125 13.9 20.3 30.5#

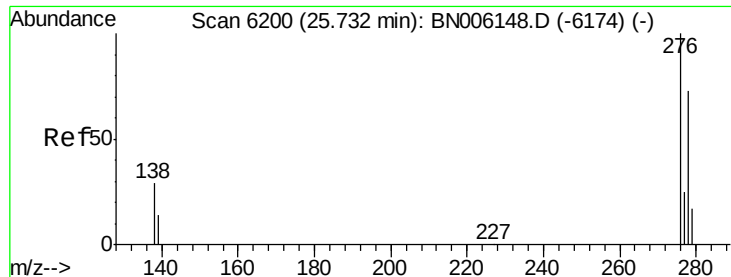


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



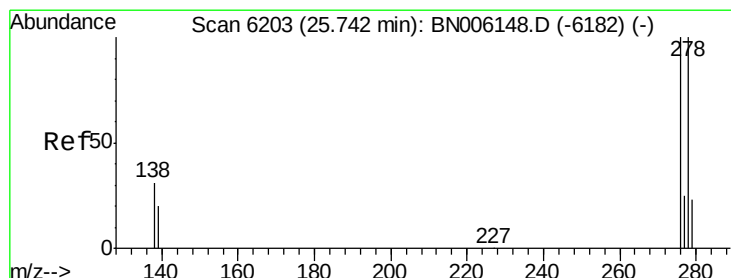
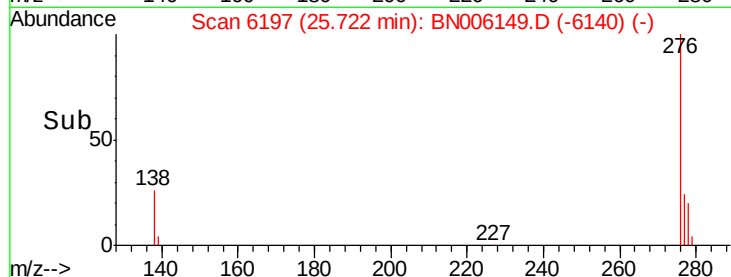
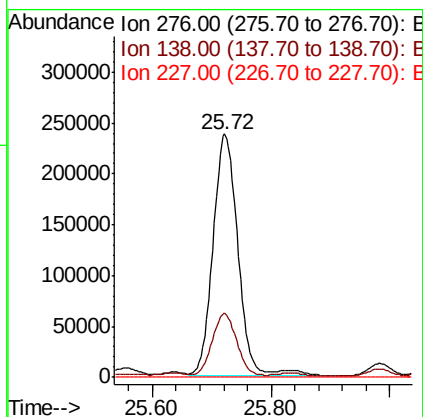
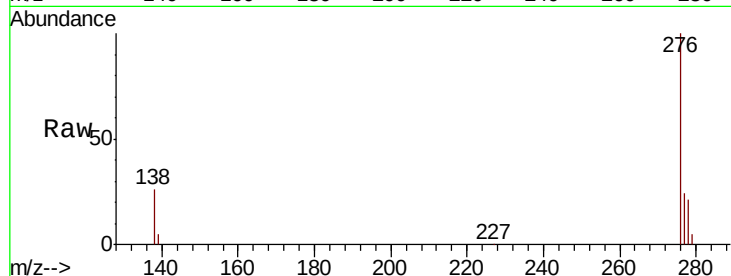


#24

Indeno(1,2,3-cd)pyrene
Concen: 3.696 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.01 min
Lab File: BN006149.D
Acq: 07 Jun 2019 00:03

Instrument :
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C0AC0

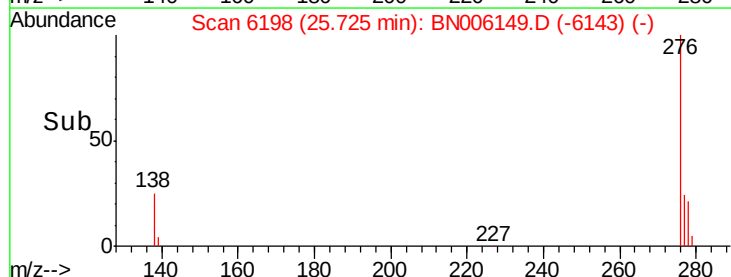
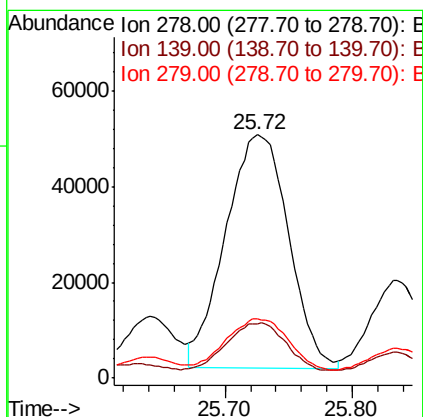
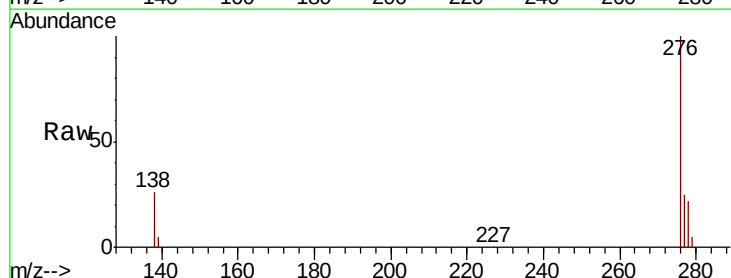
Tgt Ion: 276 Resp: 695326
Ion Ratio Lower Upper
276 100
138 25.1 25.6 38.4#
227 0.2 0.3 0.5#

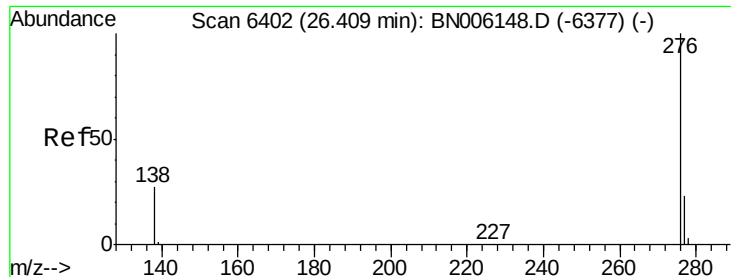


#25

Dibenzo(a,h)anthracene
Concen: 1.119 ng/ul
RT: 25.72 min Scan# 6198
Delta R.T. -0.02 min
Lab File: BN006149.D
Acq: 07 Jun 2019 00:03

Tgt Ion: 278 Resp: 168296
Ion Ratio Lower Upper
278 100
139 22.3 21.2 31.8
279 24.4 22.6 33.8





#26

Benzo(g,h,i)perylene

Concen: 3.460 ng/ul

RT: 26.41 min Scan# 6401

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

Instrument :

BNA_N

ClientSampleId :

C0AC0

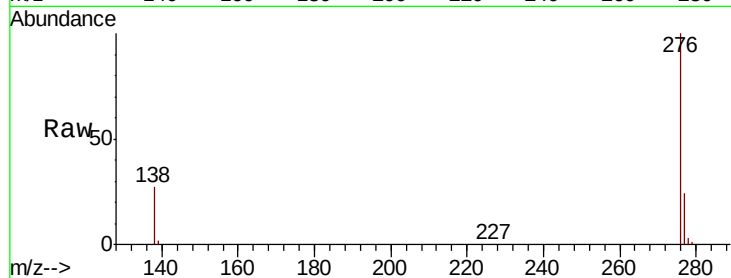
Tgt Ion:276 Resp: 545217

Ion Ratio Lower Upper

276 100

138 26.6 24.2 36.4

277 23.9 21.5 32.3



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

