

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008302.D
 Acq On : 22 Oct 2019 03:12
 Operator : JU
 Sample : K5199-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 22 03:45:10 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

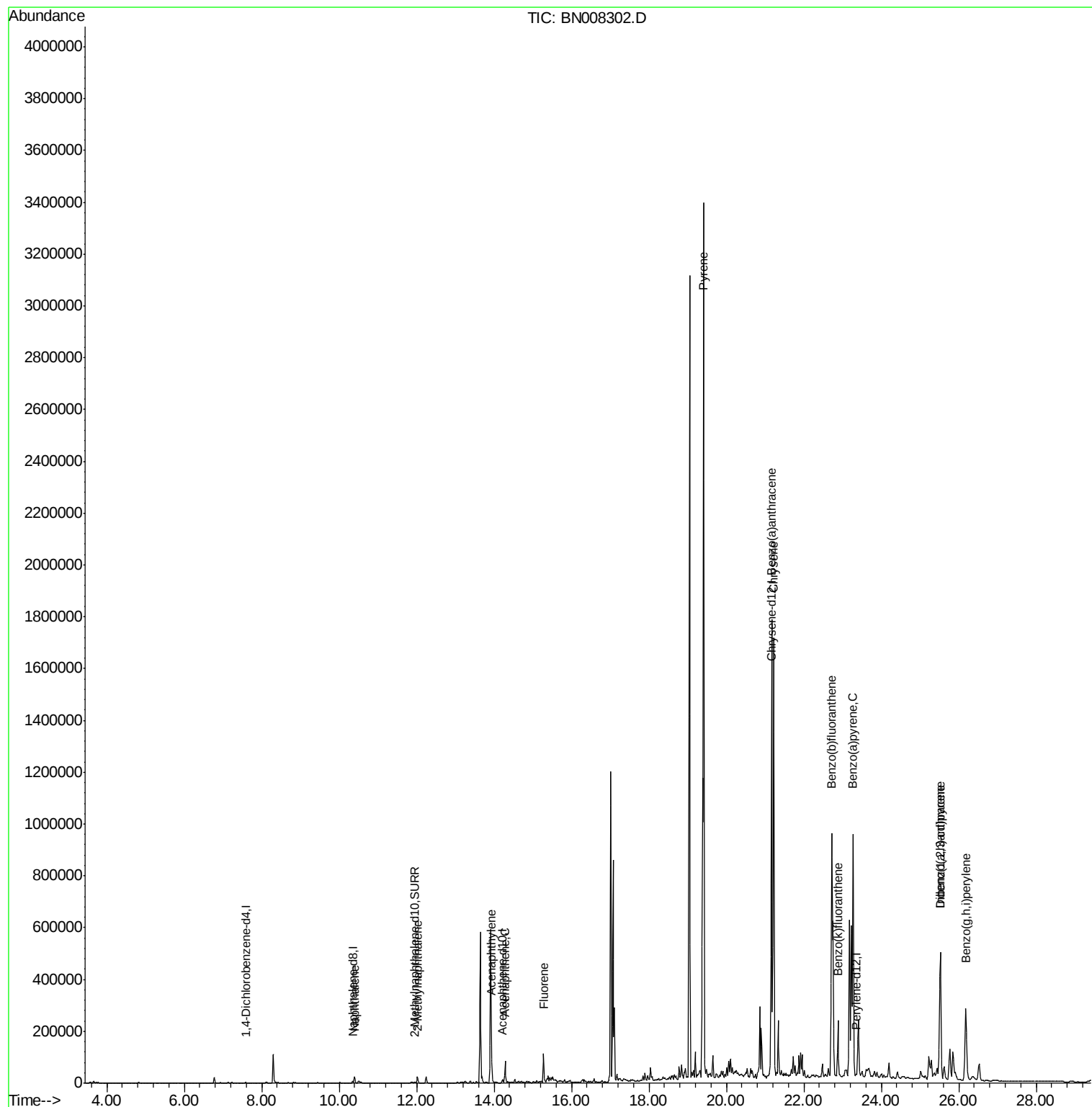
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2037	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9648	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	7457	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.18	240	9947	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	10893	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4863	0.30	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	13546	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	32273	1.175	ng/ul	98
5) 2-Methylnaphthalene	12.02	142	19009	1.009	ng/ul	100
7) Acenaphthylene	13.94	152	88387	2.488	ng/ul	100
8) Acenaphthene	14.28	153	48280	1.748	ng/ul	98
9) Fluorene	15.28	166	68475	2.183	ng/ul	98
17) Pyrene	19.41	202	2836204	71.611	ng/ul	96
18) Benzo(a)anthracene	21.17	228	1533967	42.417	ng/ul	96
19) Chrysene	21.22	228	1609529	36.266	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	2168317	61.148	ng/ul	91
22) Benzo(k)fluoranthene	22.88	252	237661	5.916	ng/ul	100
23) Benzo(a)pyrene	23.27	252	1217983	32.640	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.52	276	713078	16.225	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.52	278	199483	5.742	ng/ul	99
26) Benzo(g,h,i)perylene	26.18	276	545588	13.538	ng/ul	99

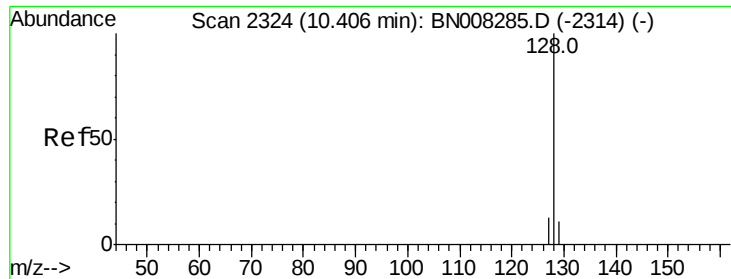
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.175 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008302.D

Acq: 22 Oct 2019 03:12

Instrument :

BNA_N

ClientSampleId :

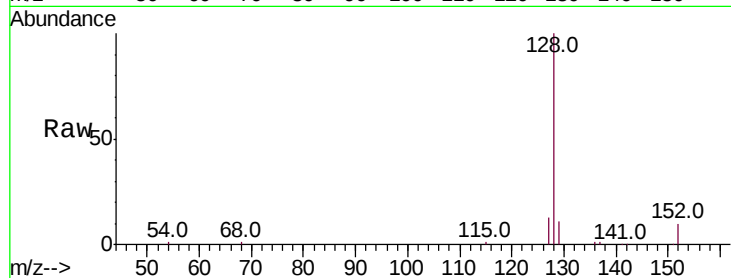
Tot Ion:128 Resp: 32273

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

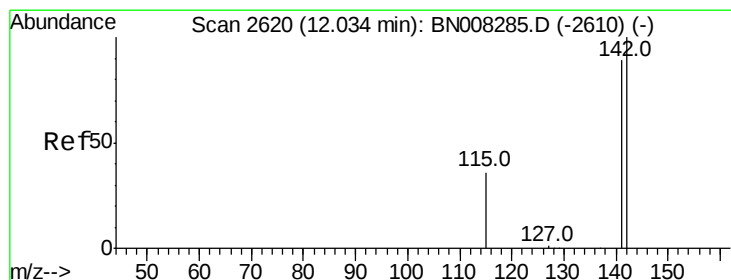
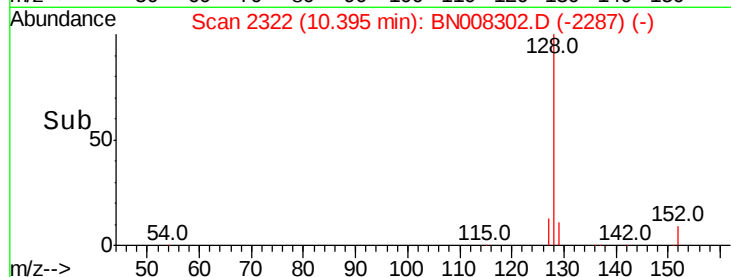
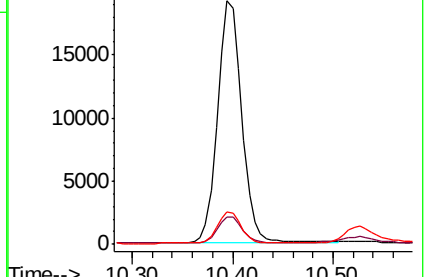
127 13.5 11.1 16.7



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: 1.009 ng/ul

RT: 12.02 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BN008302.D

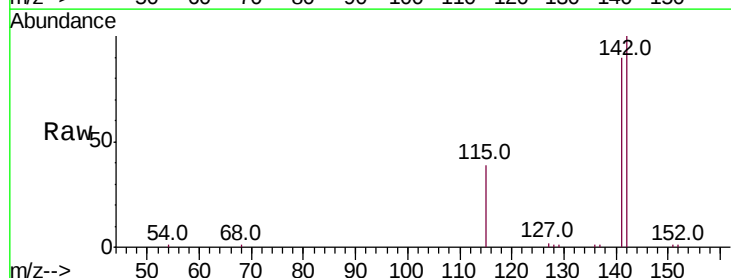
Acq: 22 Oct 2019 03:12

Tgt Ion:142 Resp: 19009

Ion Ratio Lower Upper

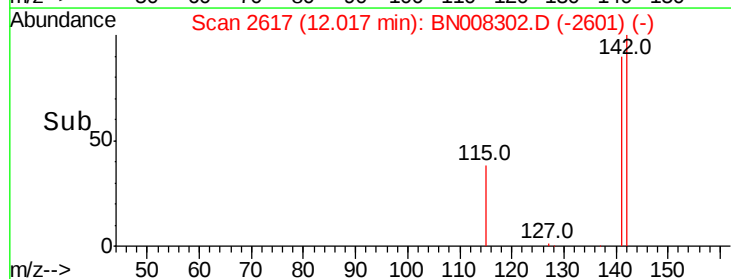
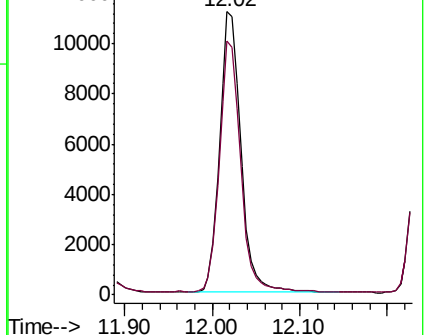
142 100

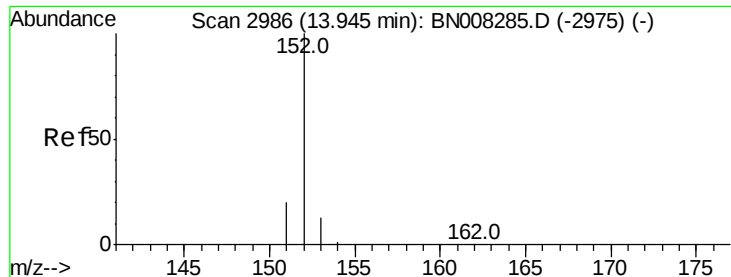
141 88.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.488 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008302.D

Acq: 22 Oct 2019 03:12

Instrument :

BNA_N

ClientSampleId :

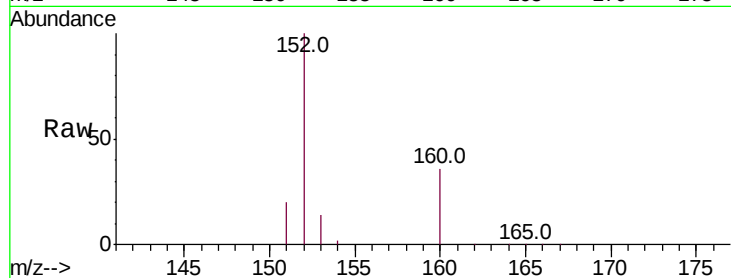
Tot Ion:152 Resp: 88387

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

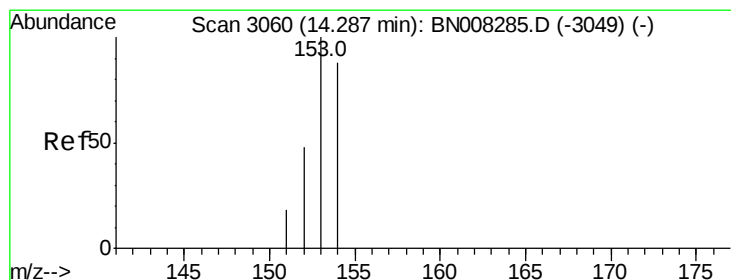
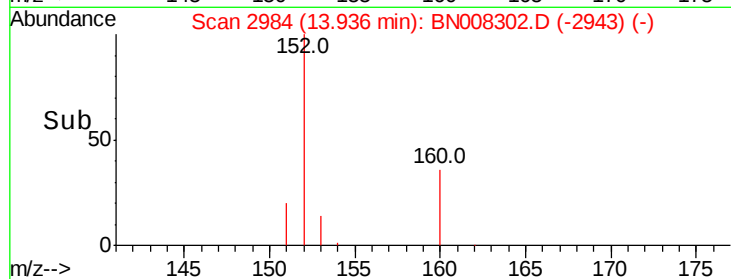
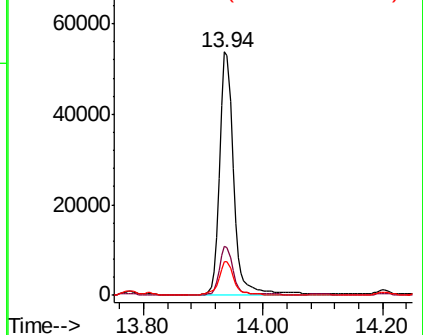
153 13.7 11.0 16.4



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: 1.748 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.00 min

Lab File: BN008302.D

Acq: 22 Oct 2019 03:12

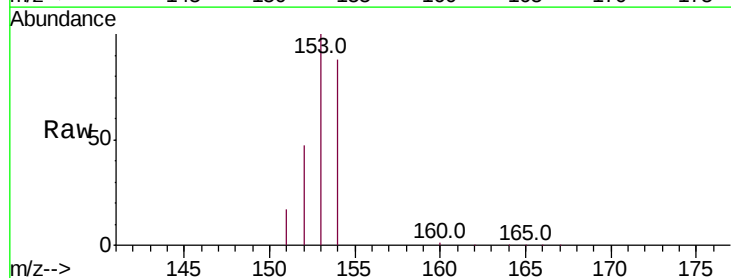
Tgt Ion:153 Resp: 48280

Ion Ratio Lower Upper

153 100

152 46.9 38.2 57.2

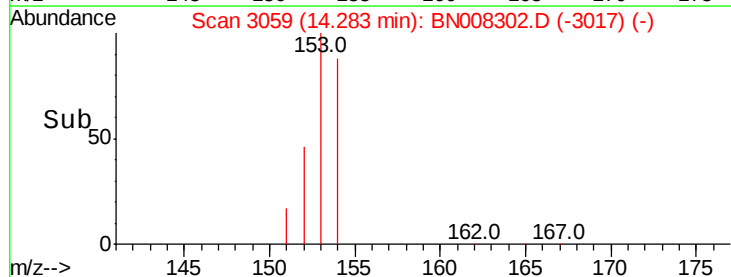
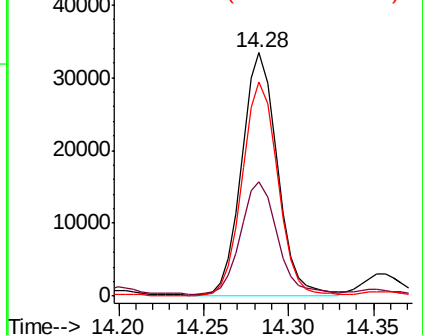
154 88.0 71.8 107.8

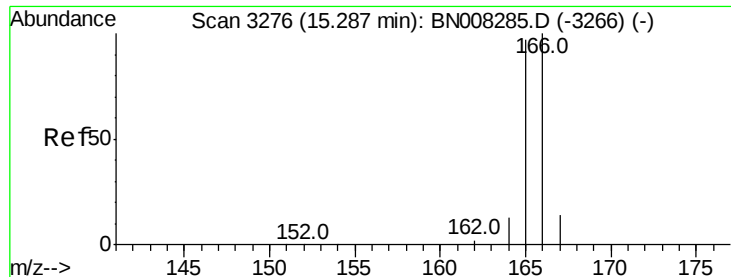


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

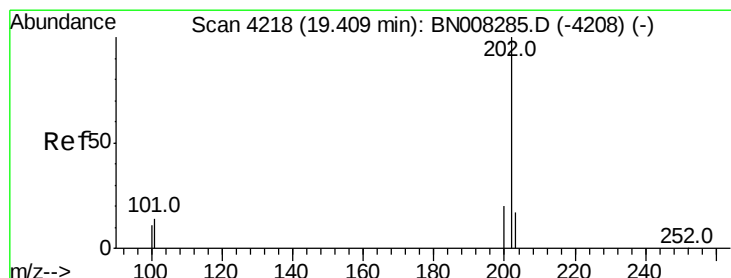
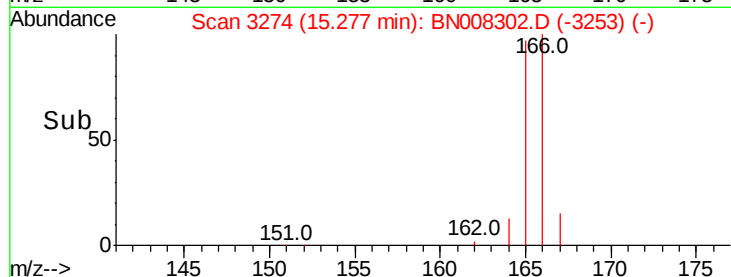
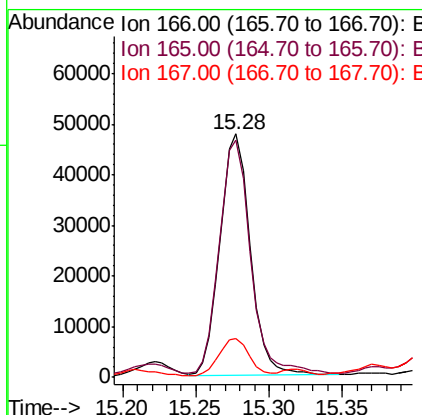
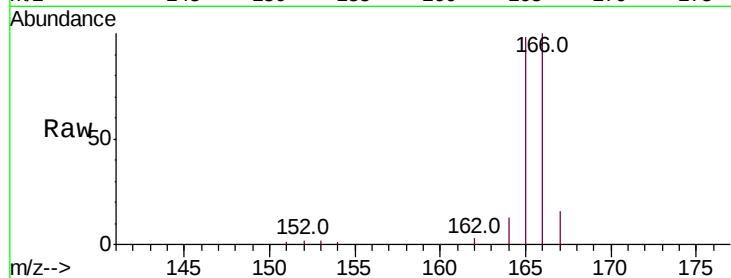




#9
Fluorene
 Concen: 2.183 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: BN008302.D
 Acq: 22 Oct 2019 03:12

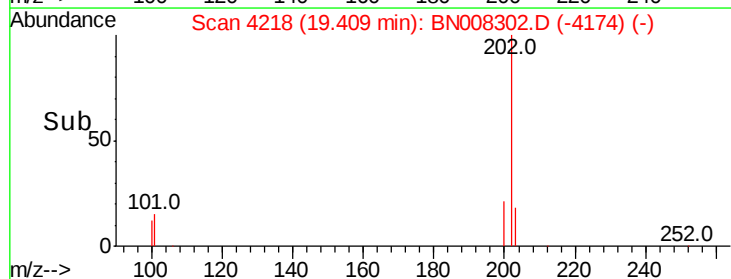
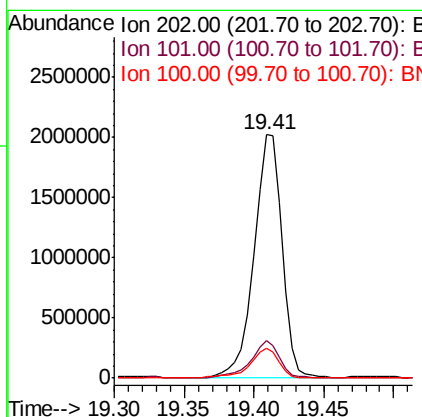
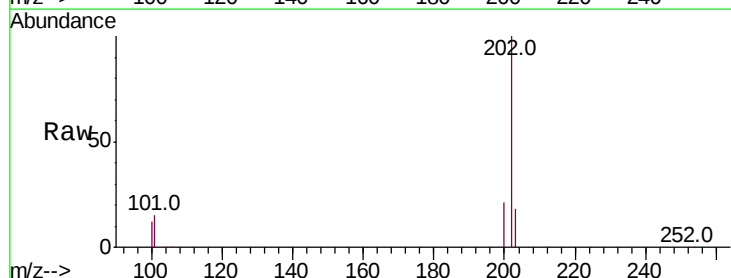
Instrument :
 BNA_N
 ClientSampleId :

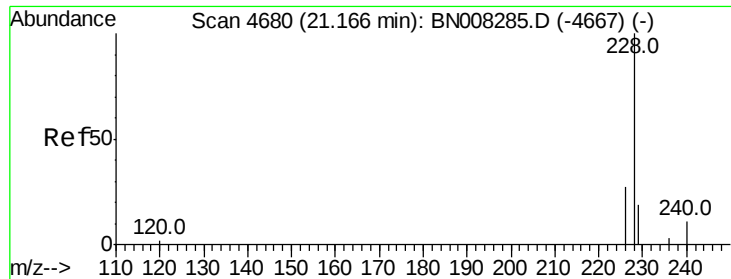
Tot Ion:166 Resp: 68475
 Ion Ratio Lower Upper
 166 100
 165 97.6 76.6 115.0
 167 15.7 11.7 17.5



#17
Pyrene
 Concen: 71.611 ng/ul
 RT: 19.41 min Scan# 4218
 Delta R.T. 0.00 min
 Lab File: BN008302.D
 Acq: 22 Oct 2019 03:12

Tgt Ion:202 Resp: 2836204
 Ion Ratio Lower Upper
 202 100
 101 15.3 10.9 16.3
 100 12.4 8.7 13.1





#18

Benzo(a)anthracene

Concen: 42.417 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. 0.00 min

Lab File: BN008302.D

Acq: 22 Oct 2019 03:12

Instrument :

BNA_N

ClientSampleId :

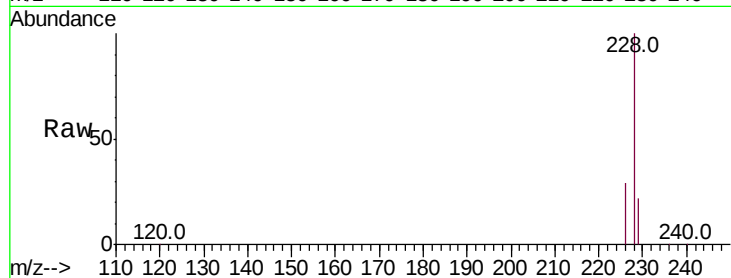
Tot Ion:228 Resp: 1533967

Ion Ratio Lower Upper

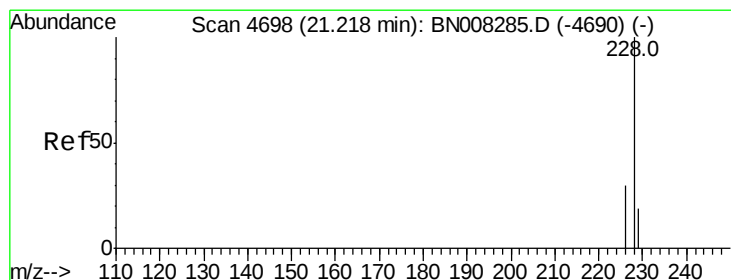
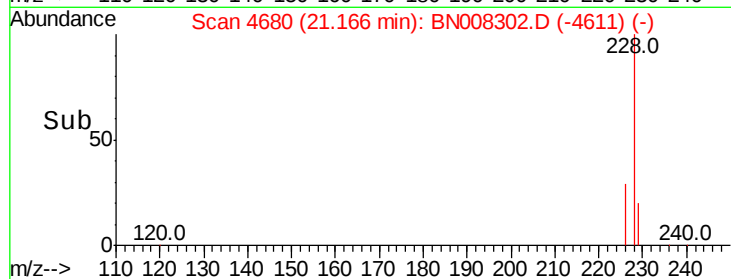
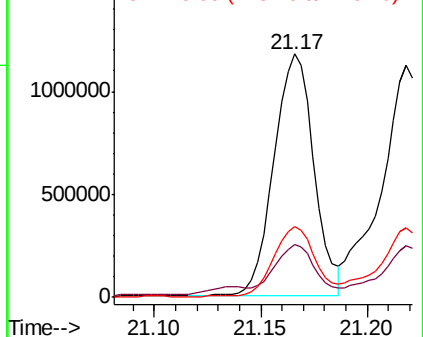
228 100

229 21.5 16.2 24.2

226 29.0 21.4 32.0



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: 36.266 ng/ul

RT: 21.22 min Scan# 4698

Delta R.T. 0.00 min

Lab File: BN008302.D

Acq: 22 Oct 2019 03:12

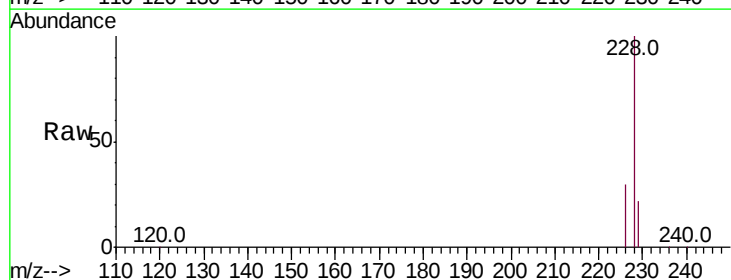
Tgt Ion:228 Resp: 1609529

Ion Ratio Lower Upper

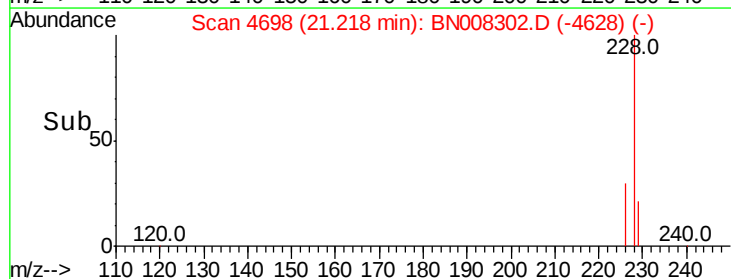
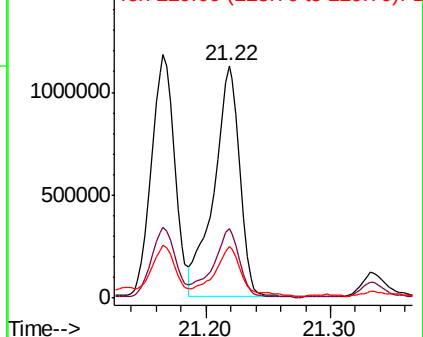
228 100

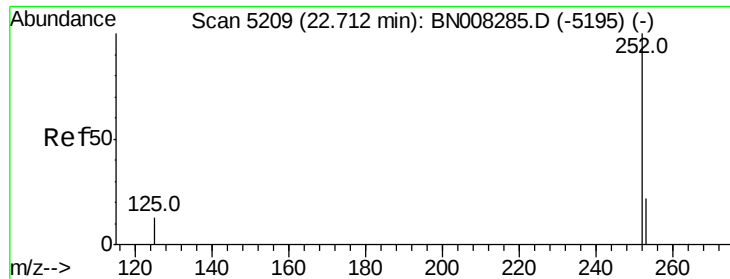
226 29.8 24.1 36.1

229 22.0 16.2 24.2



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

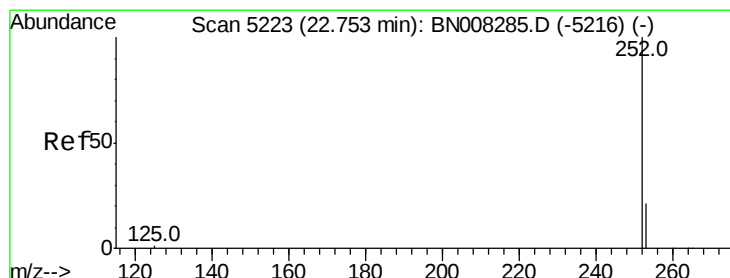
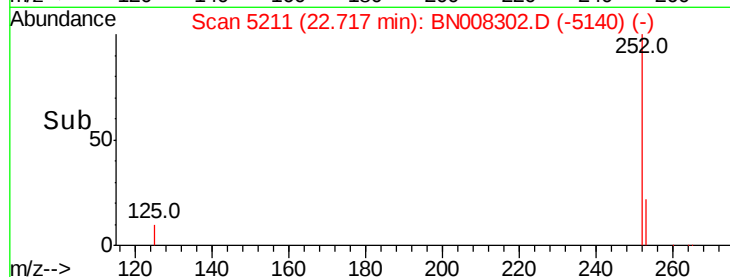
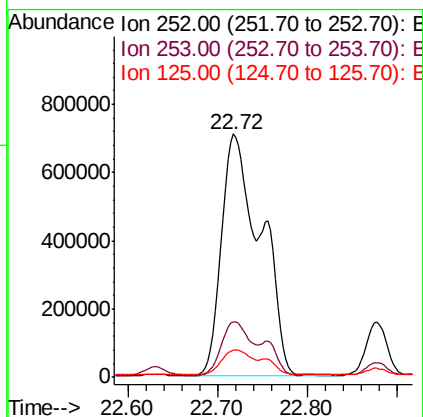
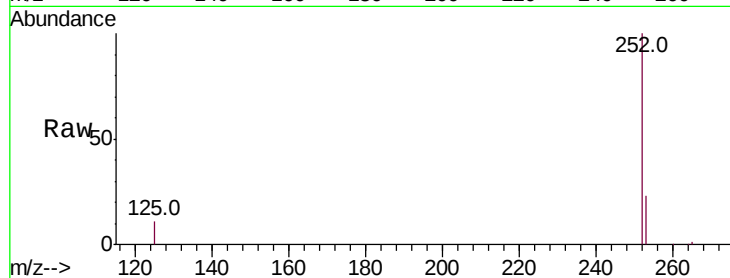




#21
Benzo(b)fluoranthene
Concen: 61.148 ng/u1
RT: 22.72 min Scan# 5211
Delta R.T. 0.01 min
Lab File: BN008302.D
Acq: 22 Oct 2019 03:12

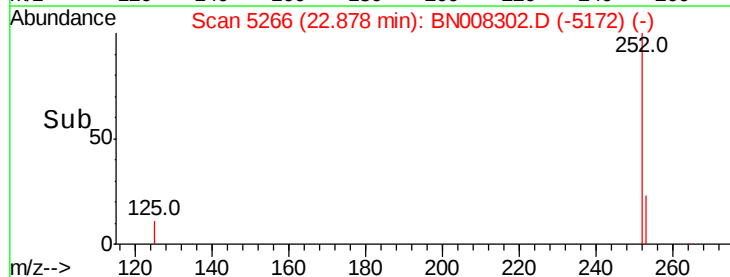
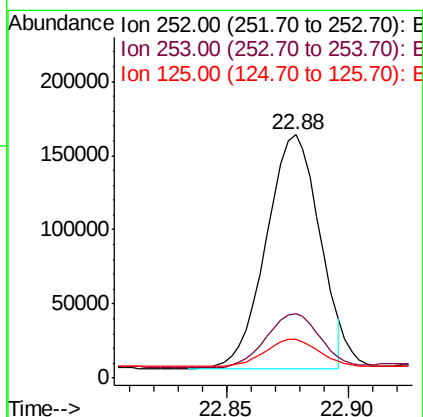
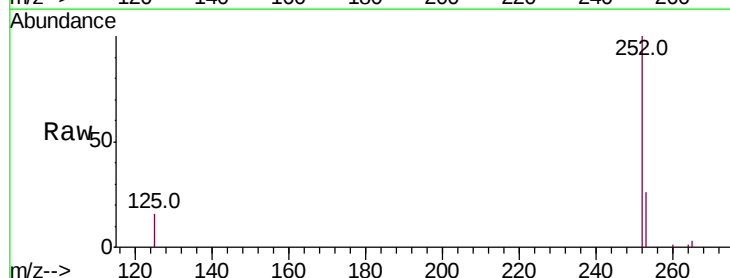
Instrument :
BNA_N
ClientSampleId :

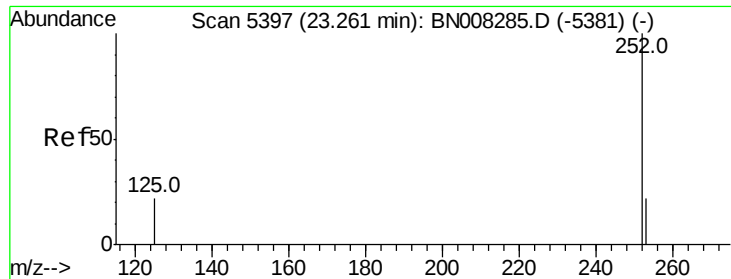
Tot Ion:252 Resp: 2168317
Ion Ratio Lower Upper
252 100
253 22.9 0.0 53.4
125 11.2 0.0 32.4



#22
Benzo(k)fluoranthene
Concen: 5.916 ng/u1
RT: 22.88 min Scan# 5266
Delta R.T. 0.13 min
Lab File: BN008302.D
Acq: 22 Oct 2019 03:12

Tgt Ion:252 Resp: 237661
Ion Ratio Lower Upper
252 100
253 26.5 21.3 31.9
125 15.8 12.3 18.5





#23

Benzo(a)pyrene

Concen: 32.640 ng/ul

RT: 23.27 min Scan# 5400

Delta R.T. 0.01 min

Lab File: BN008302.D

Acq: 22 Oct 2019 03:12

Instrument :

BNA_N

ClientSampleId :

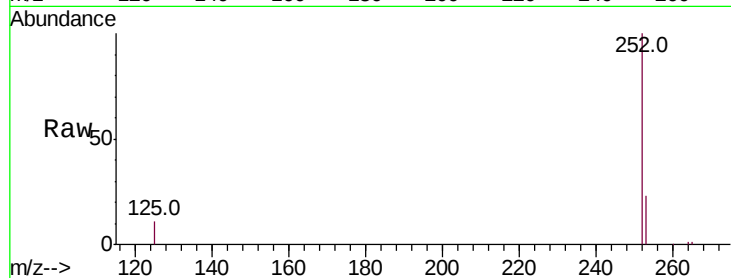
Tot Ion:252 Resp: 1217983

Ion Ratio Lower Upper

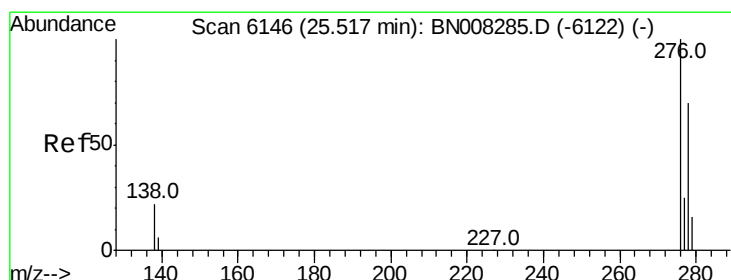
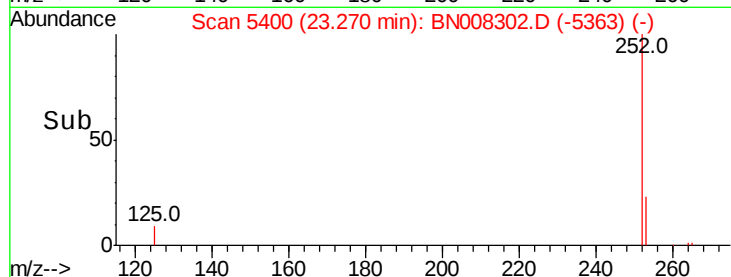
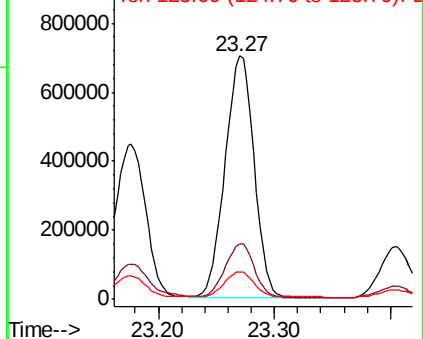
252 100

253 22.9 22.8 34.2

125 11.5 18.4 27.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 16.225 ng/ul

RT: 25.52 min Scan# 6147

Delta R.T. 0.01 min

Lab File: BN008302.D

Acq: 22 Oct 2019 03:12

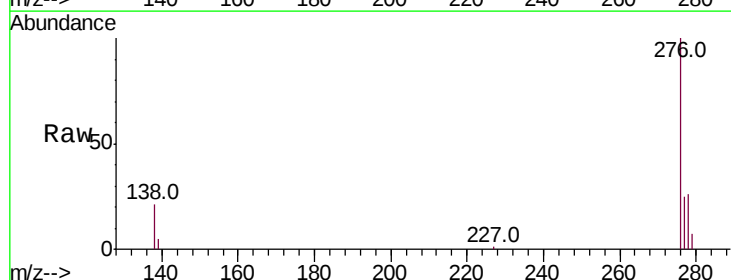
Tgt Ion:276 Resp: 713078

Ion Ratio Lower Upper

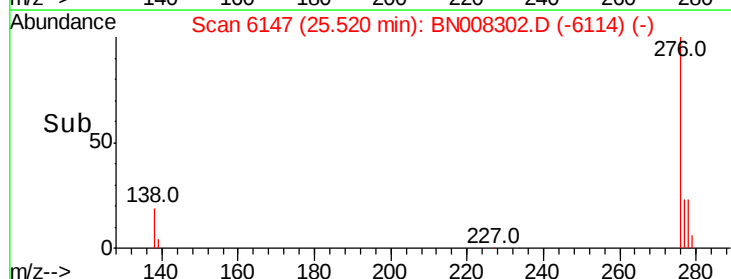
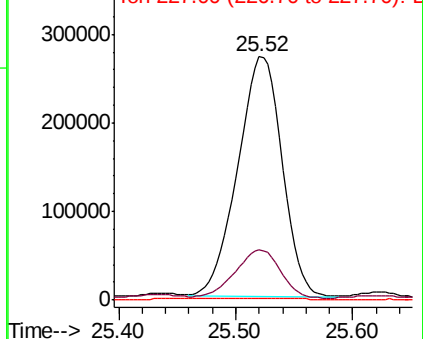
276 100

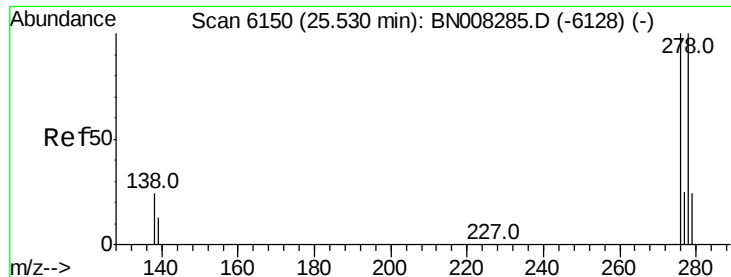
138 20.4 16.1 24.1

227 0.4 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

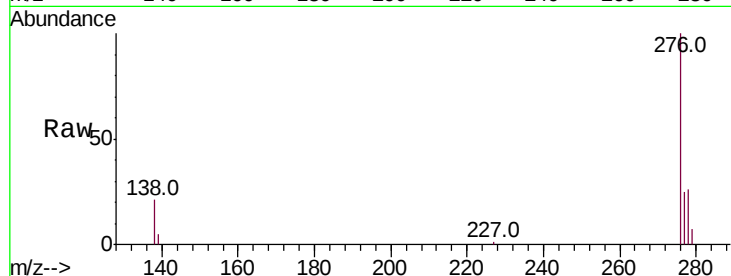




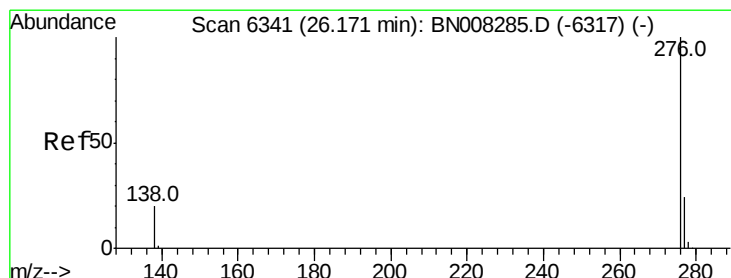
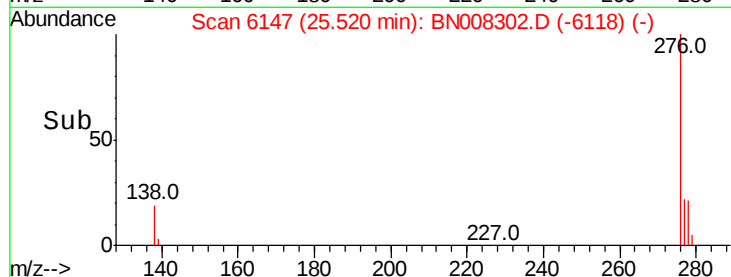
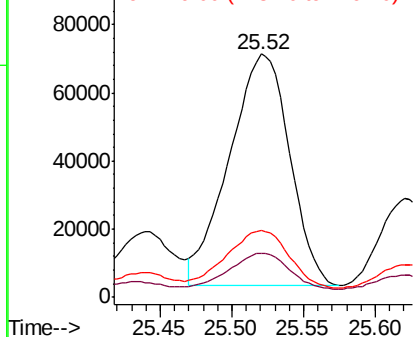
#25
Dibenzo(a,h)anthracene
Concen: 5.742 ng/ul
RT: 25.52 min Scan# 6147
Delta R.T. -0.00 min
Lab File: BN008302.D
Acq: 22 Oct 2019 03:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 199483
Ion Ratio Lower Upper
278 100
139 18.0 15.0 22.6
279 27.3 22.4 33.6

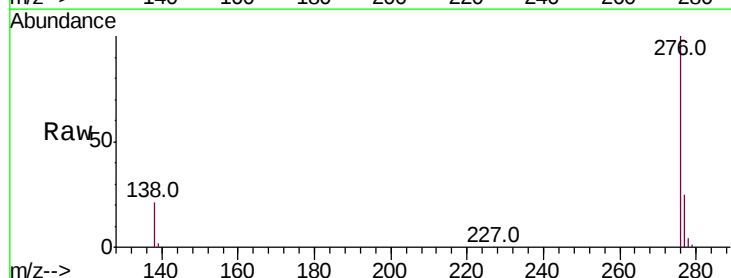


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 13.538 ng/ul
RT: 26.18 min Scan# 6344
Delta R.T. 0.01 min
Lab File: BN008302.D
Acq: 22 Oct 2019 03:12

Tgt Ion:276 Resp: 545588
Ion Ratio Lower Upper
276 100
138 20.9 17.0 25.4
277 24.6 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

