

Data File : BN008212.D
Acq On : 16 Oct 2019 23:20
Operator : JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 17 01:53:56 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2874	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14053	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8702	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	14759	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	11646	0.40	ng/ul	0.00

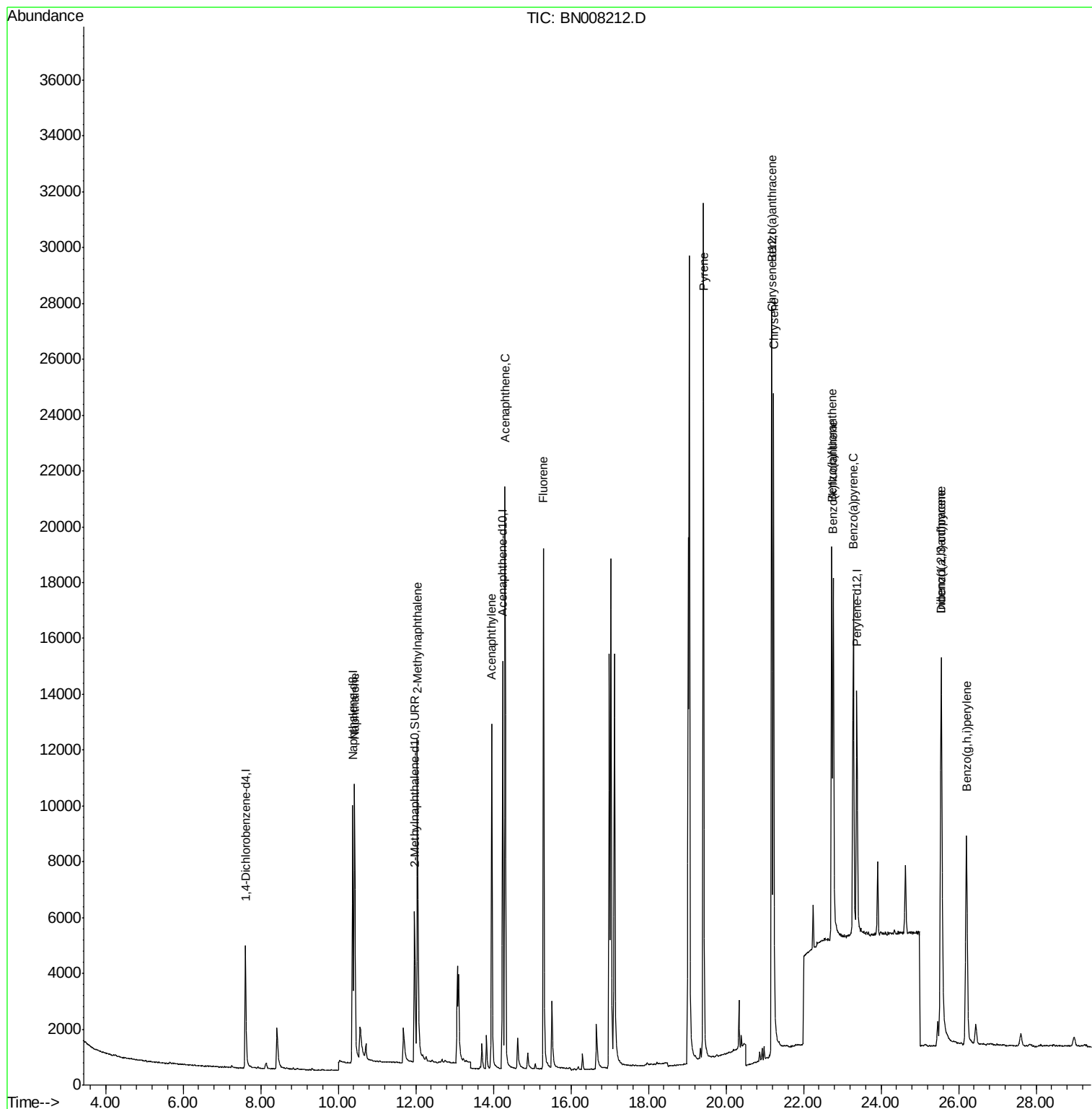
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	9175	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	23411	0.00	ng/ul	0.00

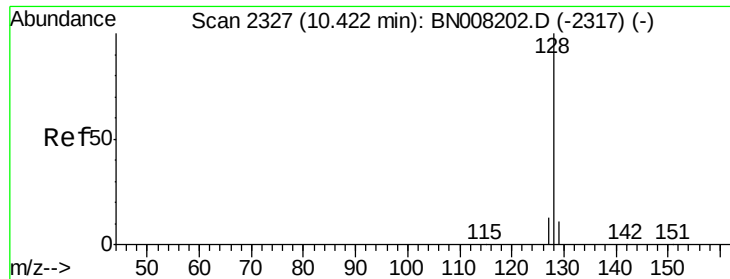
Target Compounds					Qvalue	
3) Naphthalene	10.42	128	15332	0.383	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	10637	0.388	ng/ul	99
7) Acenaphthylene	13.96	152	15944	0.385	ng/ul	99
8) Acenaphthene	14.31	153	13044	0.405	ng/ul	100
9) Fluorene	15.30	166	13758	0.376	ng/ul	97
17) Pyrene	19.42	202	28665	0.488	ng/ul	97
18) Benzo(a)anthracene	21.18	228	21677	0.404	ng/ul	99
19) Chrysene	21.23	228	23550	0.358	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	17155	0.452	ng/ul	91
22) Benzo(k)fluoranthene	22.77	252	18892	0.440	ng/ul	97
23) Benzo(a)pyrene	23.28	252	16945	0.425	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.55	276	18725	0.399	ng/ul	96
25) Dibenzo(a,h)anthracene	25.56	278	15126	0.407	ng/ul	98
26) Benzo(g,h,i)perylene	26.20	276	16541	0.384	ng/ul	97

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

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#3

Naphthalene

Concen: 0.383 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

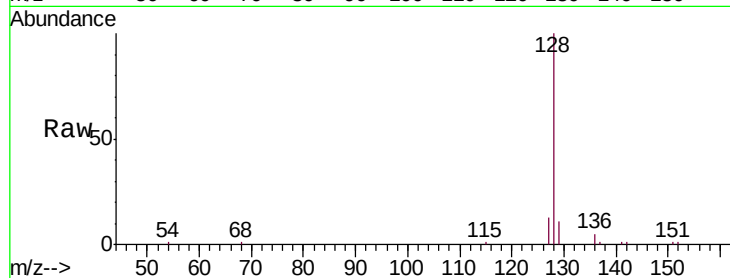
Tgt Ion:128 Resp: 15332

Ion Ratio Lower Upper

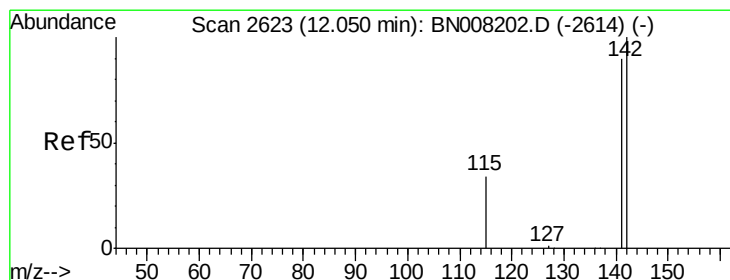
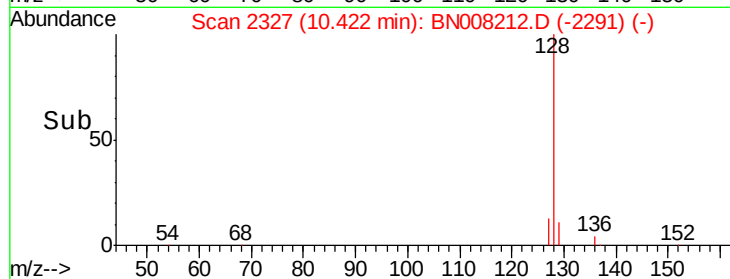
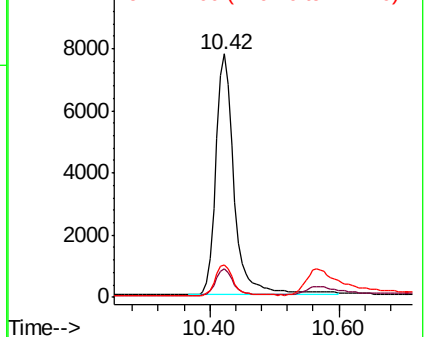
128 100

129 11.5 9.8 14.8

127 13.4 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: 0.388 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008212.D

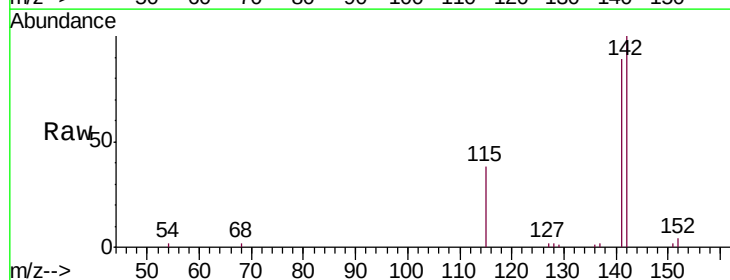
Acq: 16 Oct 2019 23:20

Tgt Ion:142 Resp: 10637

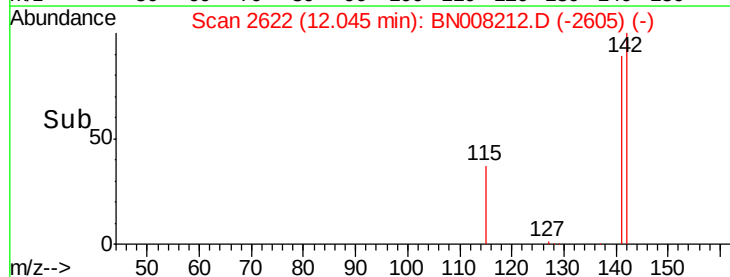
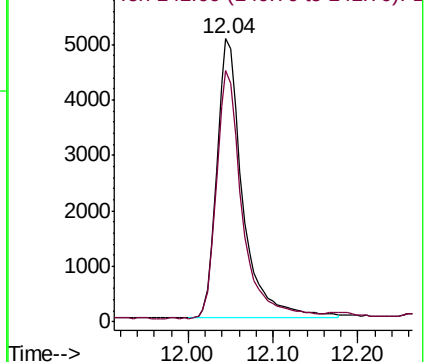
Ion Ratio Lower Upper

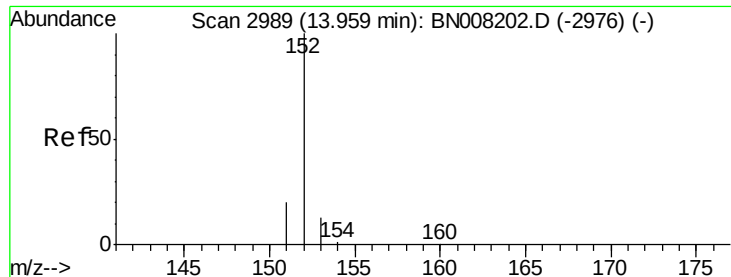
142 100

141 88.7 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: 0.385 ng/ul

RT: 13.96 min Scan# 2989

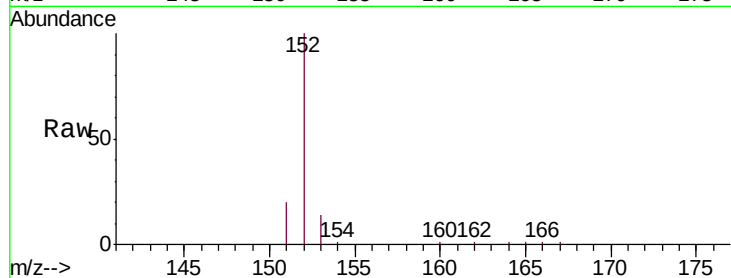
Delta R.T. 0.00 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

Tgt Ion:152 Resp: 15944

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.6	11.0	16.4

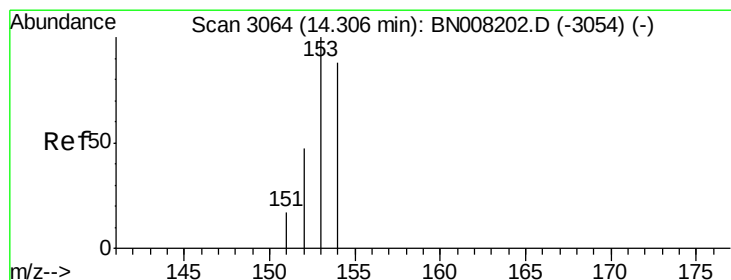
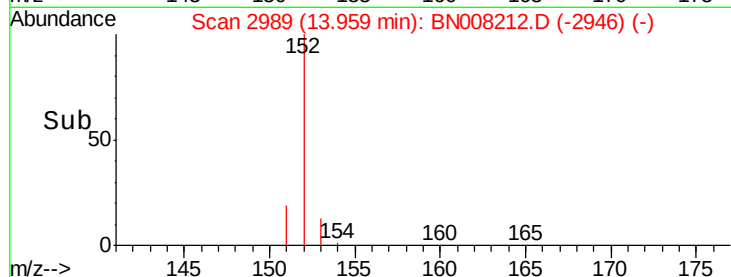
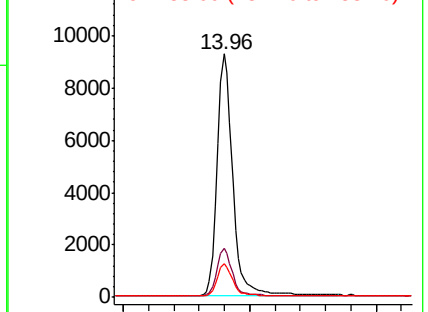


Abundance

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: 0.405 ng/ul

RT: 14.31 min Scan# 3064

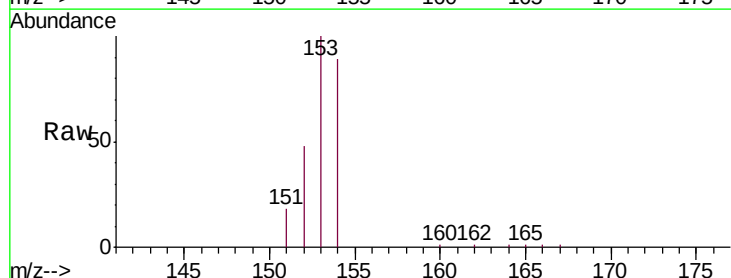
Delta R.T. 0.00 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

Tgt Ion:153 Resp: 13044

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.2	57.2
154	89.3	71.8	107.8

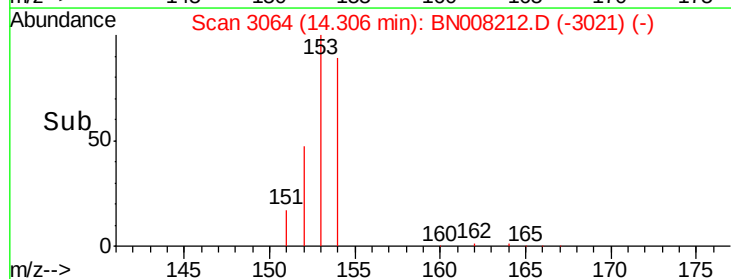
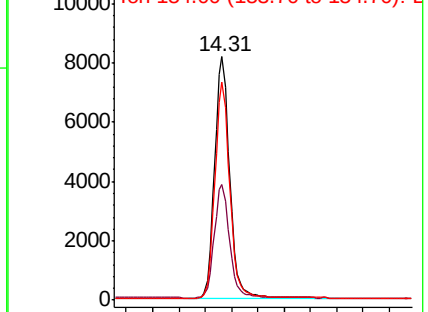


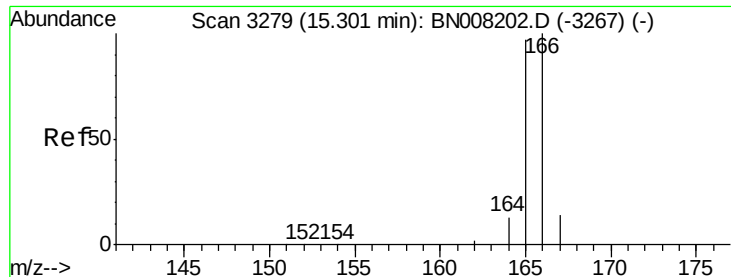
Abundance

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: 0.376 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

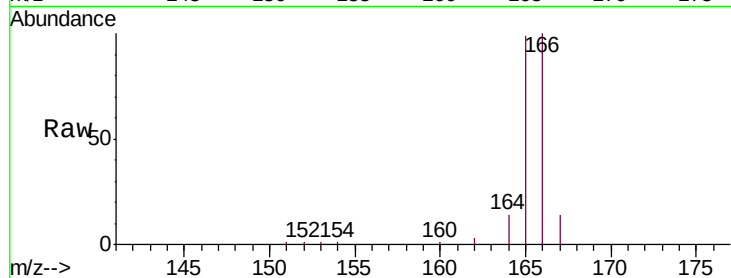
Tgt Ion:166 Resp: 13758

Ion Ratio Lower Upper

166 100

165 99.4 76.6 115.0

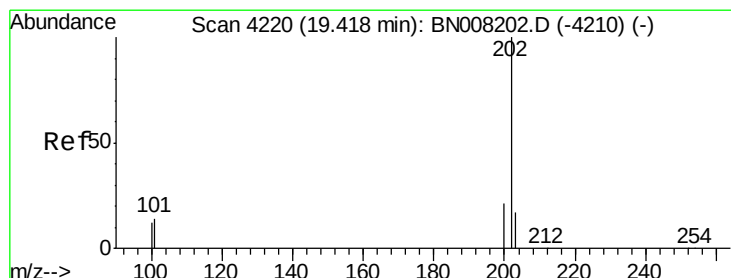
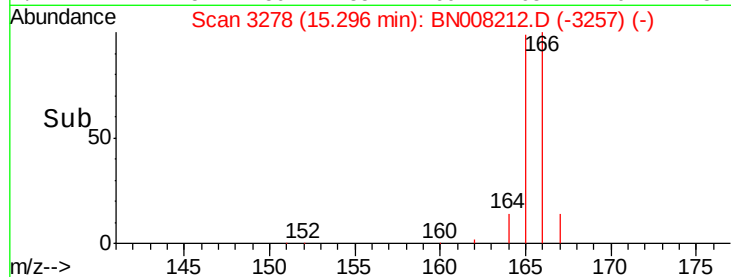
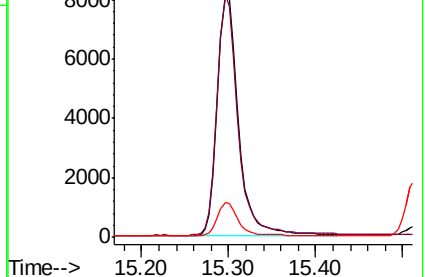
167 14.2 11.7 17.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 0.488 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

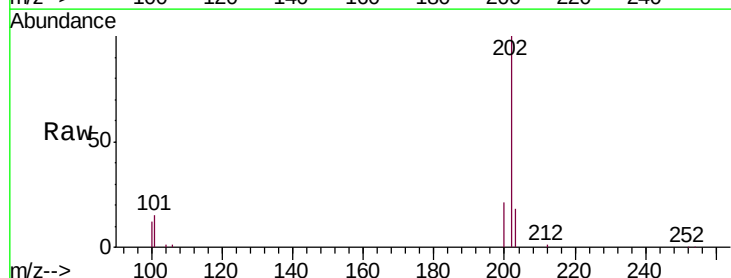
Tgt Ion:202 Resp: 28665

Ion Ratio Lower Upper

202 100

101 14.7 10.9 16.3

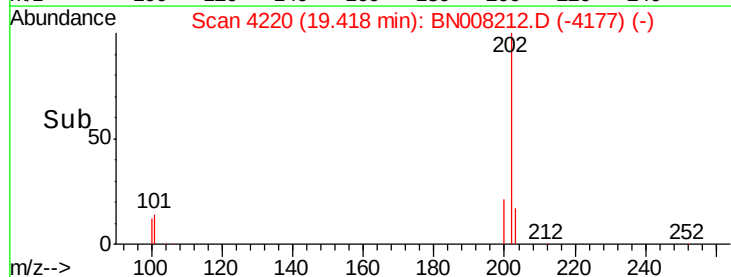
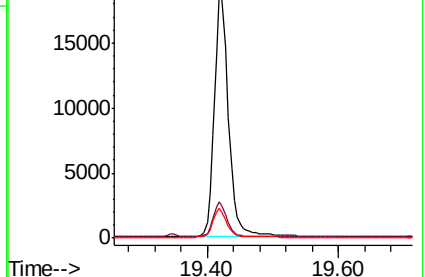
100 12.1 8.7 13.1

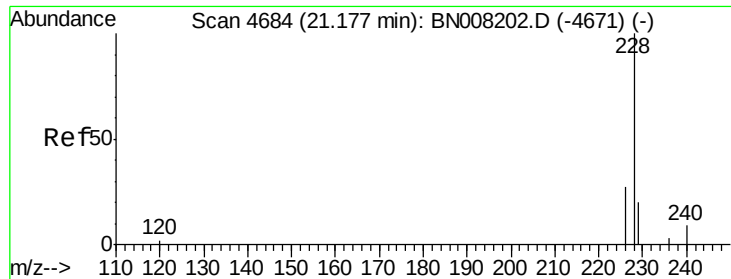


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

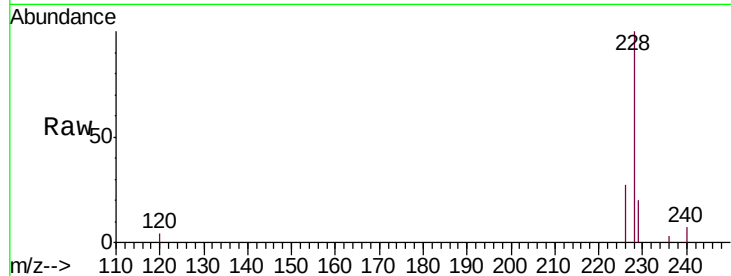
Ion 100.00 (99.70 to 100.70): E



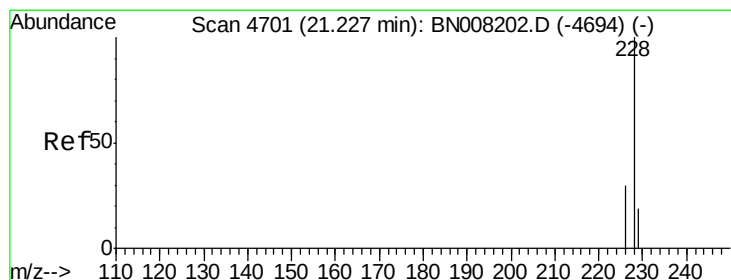
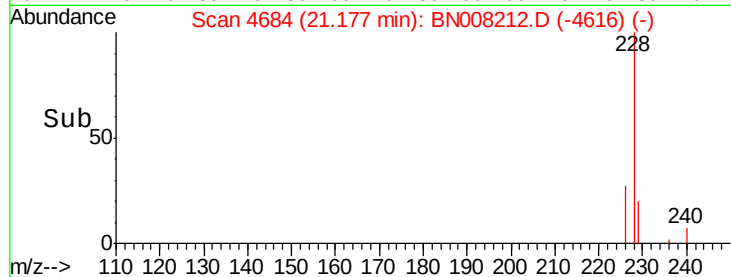
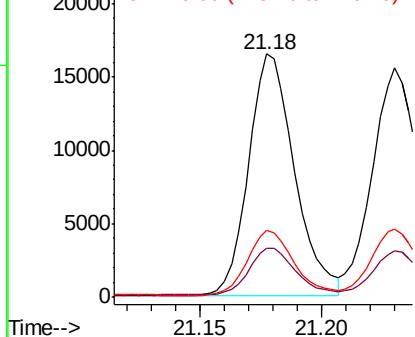


#18
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. 0.00 min
Lab File: BN008212.D
Acq: 16 Oct 2019 23:20

Tgt Ion:228 Resp: 21677
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 27.3 21.4 32.0

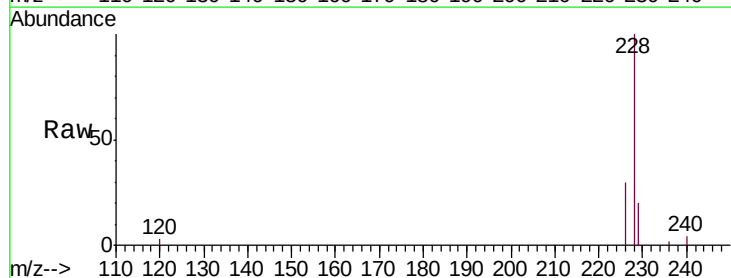


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

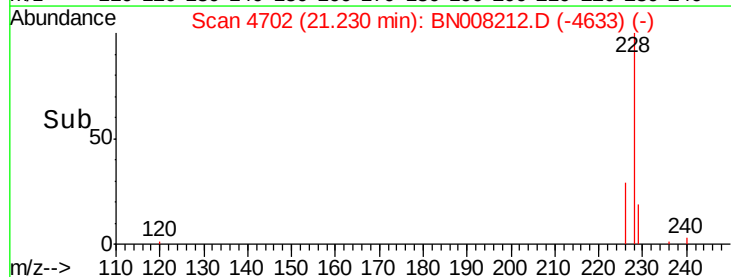
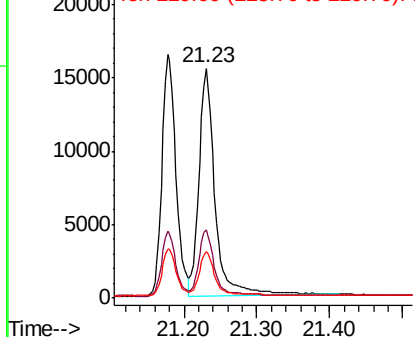


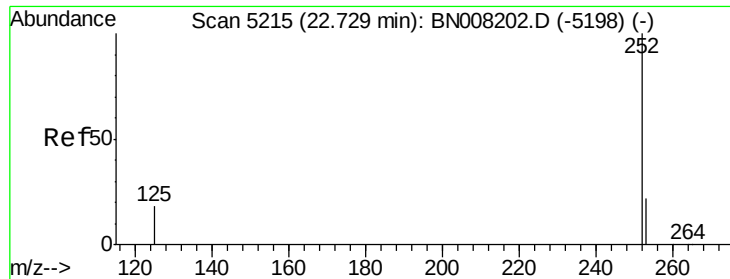
#19
Chrysene
Concen: 0.358 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BN008212.D
Acq: 16 Oct 2019 23:20

Tgt Ion:228 Resp: 23550
Ion Ratio Lower Upper
228 100
226 29.6 24.1 36.1
229 20.3 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: 0.452 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. 0.00 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

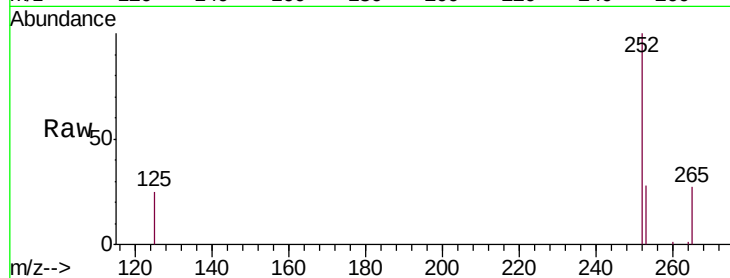
Tgt Ion: 252 Resp: 17155

Ion Ratio Lower Upper

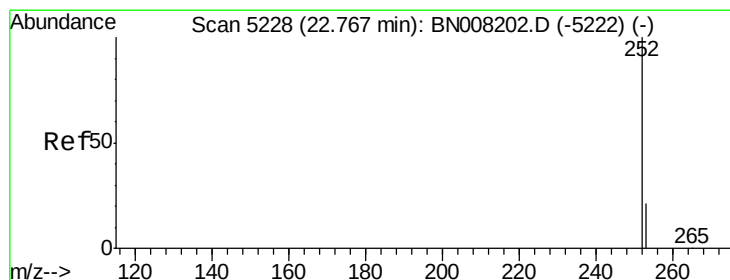
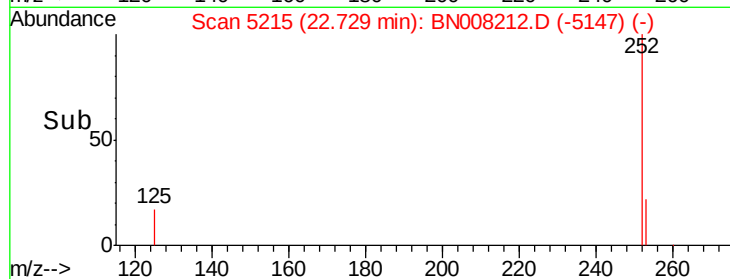
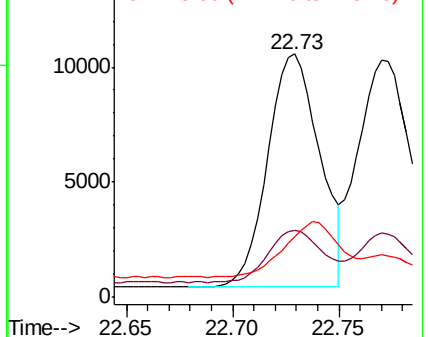
252 100

253 27.5 0.0 53.4

125 24.9 0.0 32.4



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: 0.440 ng/ul

RT: 22.77 min Scan# 5229

Delta R.T. 0.00 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

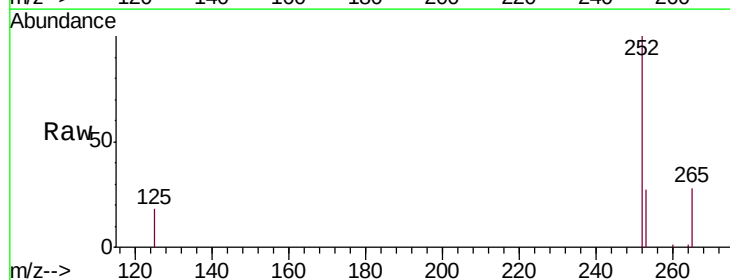
Tgt Ion: 252 Resp: 18892

Ion Ratio Lower Upper

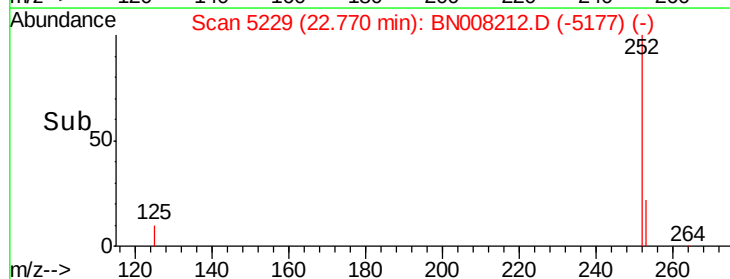
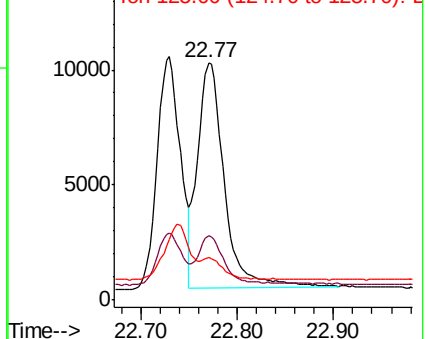
252 100

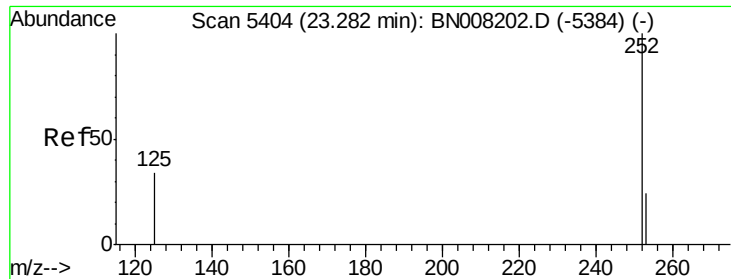
253 27.1 21.3 31.9

125 17.7 12.3 18.5



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: 0.425 ng/ul

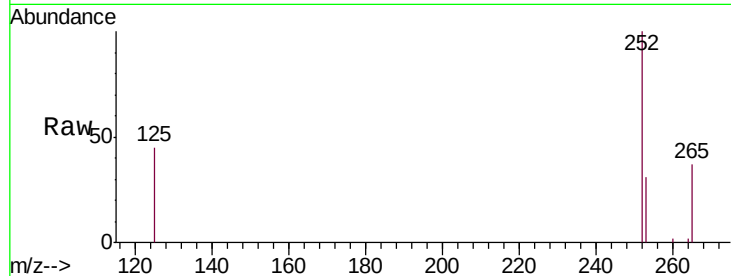
RT: 23.28 min Scan# 5405

Delta R.T. 0.00 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

Tgt Ion:	252	Resp:	16945
Ion	Ratio	Lower	Upper
252	100		
253	31.1	22.8	34.2
125	45.3	18.4	27.6#

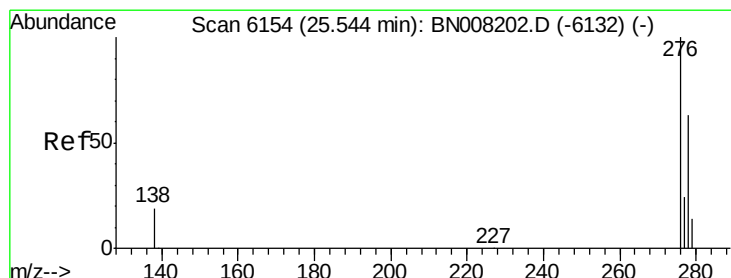
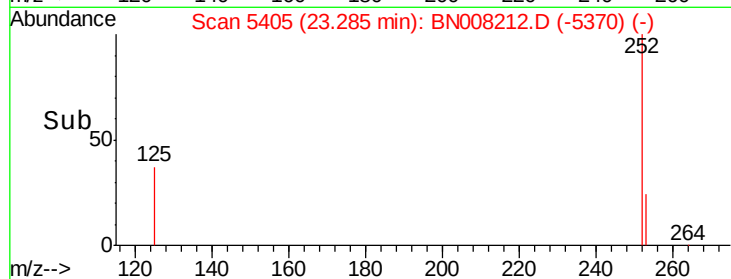
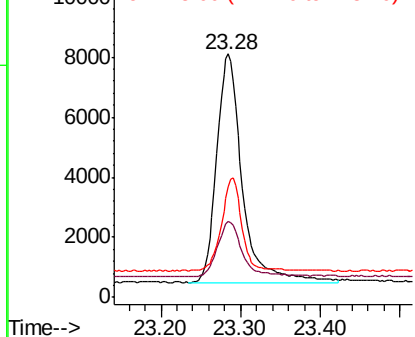


Abundance

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: 0.399 ng/ul

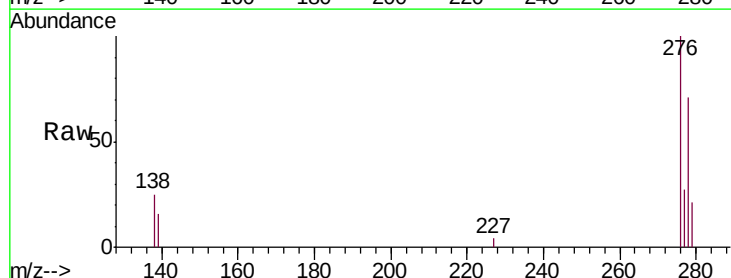
RT: 25.55 min Scan# 6156

Delta R.T. 0.01 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

Tgt Ion:	276	Resp:	18725
Ion	Ratio	Lower	Upper
276	100		
138	21.8	16.1	24.1
227	0.2	0.2	0.2

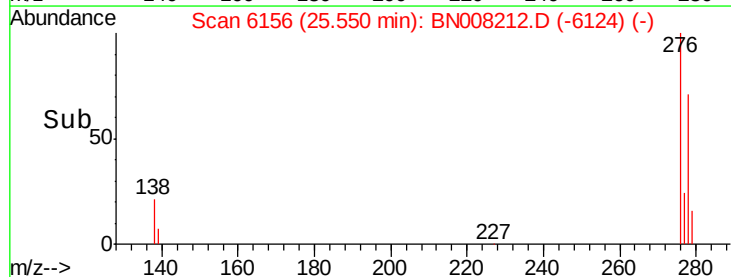
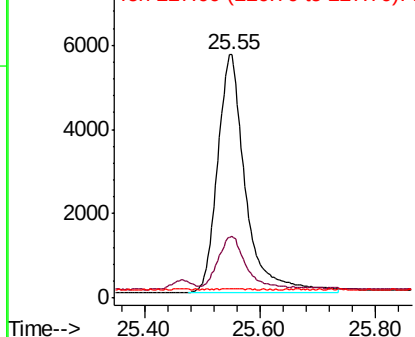


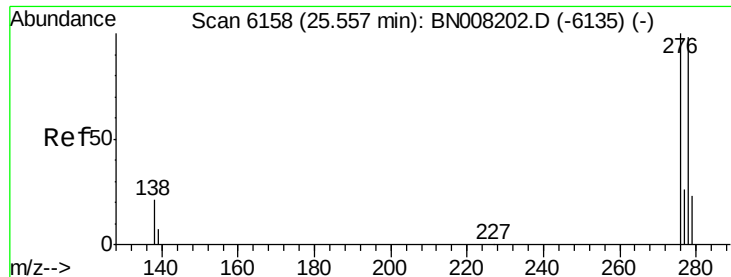
Abundance

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: 0.407 ng/ul

RT: 25.56 min Scan# 6158

Delta R.T. 0.00 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

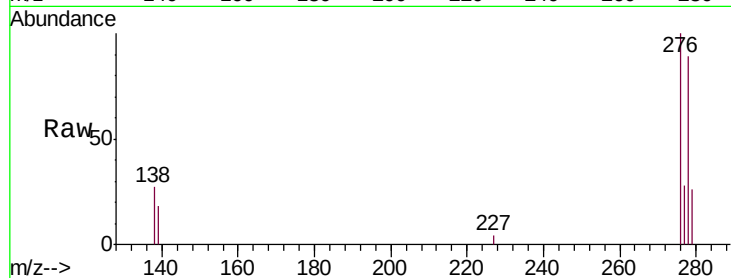
Tgt Ion: 278 Resp: 15126

Ion Ratio Lower Upper

278 100

139 20.2 15.0 22.6

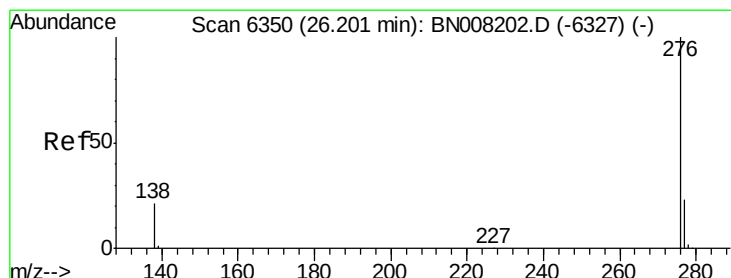
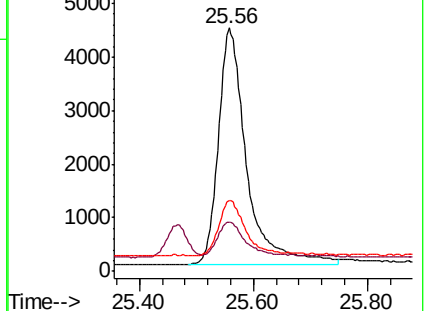
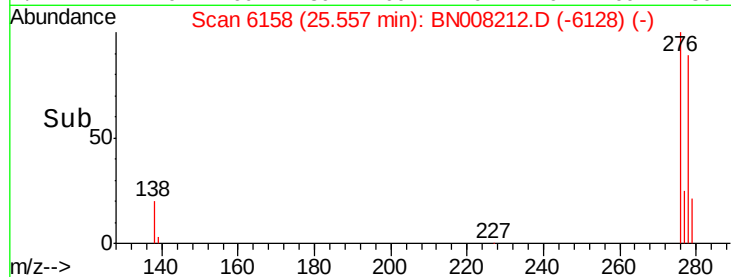
279 29.0 22.4 33.6



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: 0.384 ng/ul

RT: 26.20 min Scan# 6351

Delta R.T. 0.00 min

Lab File: BN008212.D

Acq: 16 Oct 2019 23:20

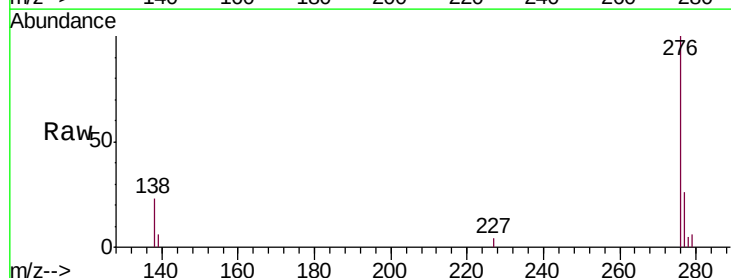
Tgt Ion: 276 Resp: 16541

Ion Ratio Lower Upper

276 100

138 23.0 17.0 25.4

277 26.3 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

