

Data File : BN008489.D
Acq On : 07 Nov 2019 17:50
Operator : JU
Sample : K5565-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNA3

Quant Time: Nov 08 06:46:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1442	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	5602	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	2968	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.95
16) Chrysene-d12	21.15	240	5322	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	7472	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	1992	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	4695	0.00	ng/ul	0.00

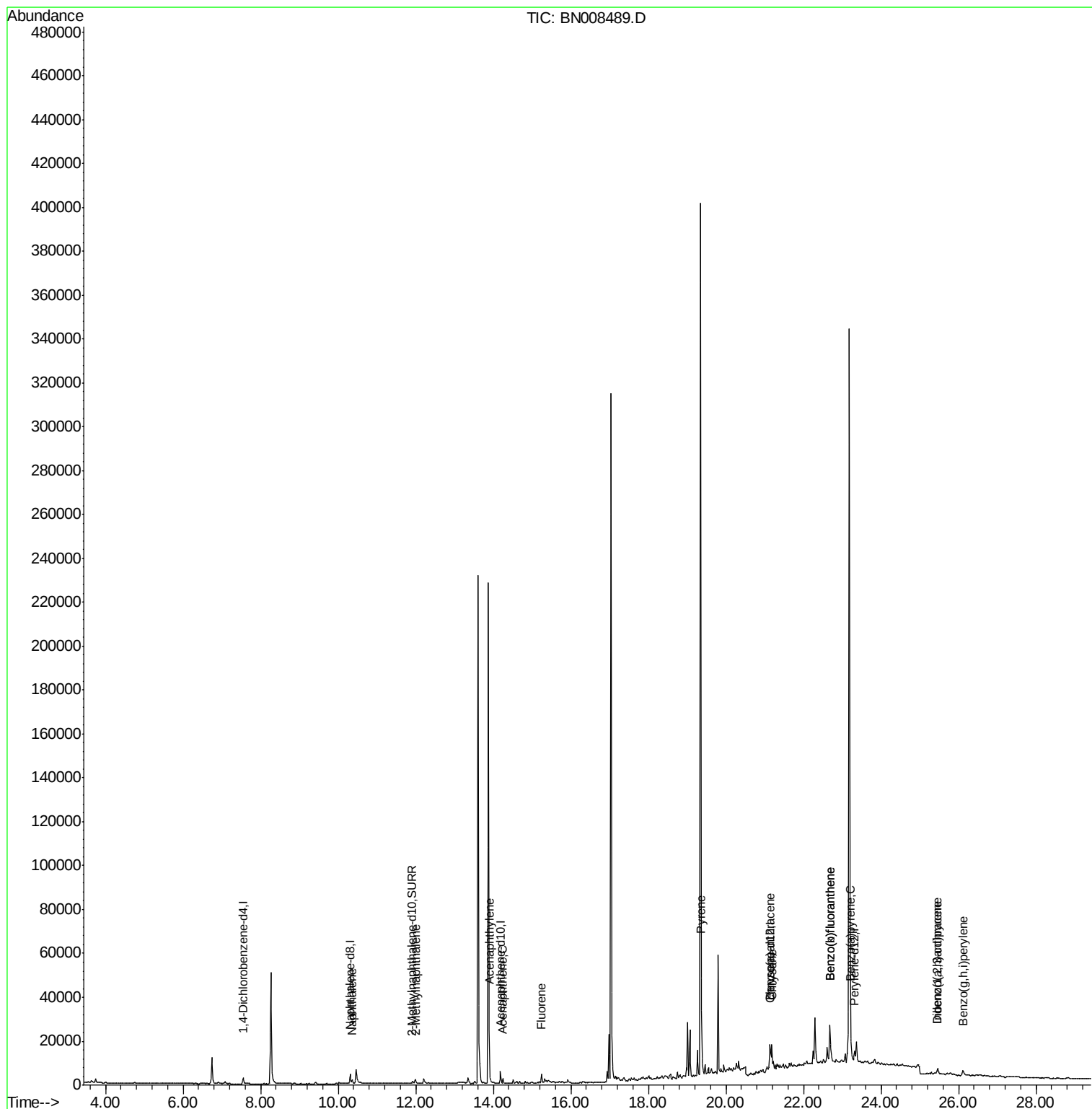
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.36	128	2197	0.138	ng/ul#	92
5) 2-Methylnaphthalene	11.99	142	1596	0.150	ng/ul	99
7) Acenaphthylene	13.90	152	1321	0.096	ng/ul#	82
8) Acenaphthene	14.25	153	1282	0.115	ng/ul	96
9) Fluorene	15.24	166	2505	0.204	ng/ul#	95
17) Pyrene	19.37	202	20535	0.790	ng/ul	97
18) Benzo(a)anthracene	21.13	228	8661	0.467	ng/ul#	63
19) Chrysene	21.19	228	14438	0.612	ng/ul#	67
21) Benzo(b)fluoranthene	22.68	252	14831	0.533	ng/ul#	1
22) Benzo(k)fluoranthene	22.68	252	14831	0.468	ng/ul#	1
23) Benzo(a)pyrene	23.22	252	6810	0.243	ng/ul#	53
24) Indeno(1,2,3-cd)pyrene	25.46	276	3880	0.122	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.46	278	1247	0.049	ng/ul#	1
26) Benzo(g,h,i)perylene	26.11	276	4865	0.170	ng/ul#	61

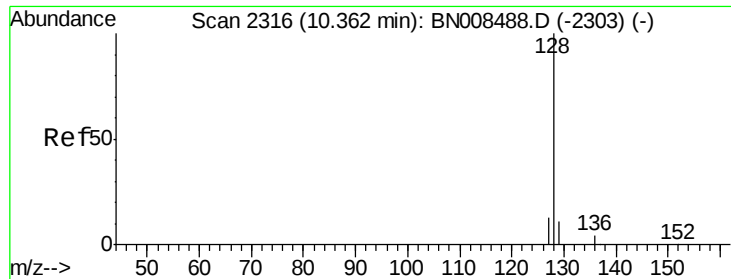
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.138 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

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BNA_N

ClientSampleId :

JLNA3

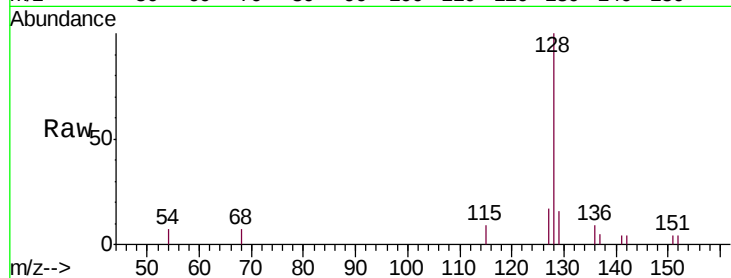
Tgt Ion:128 Resp: 2197

Ion Ratio Lower Upper

128 100

129 16.5 10.0 15.0#

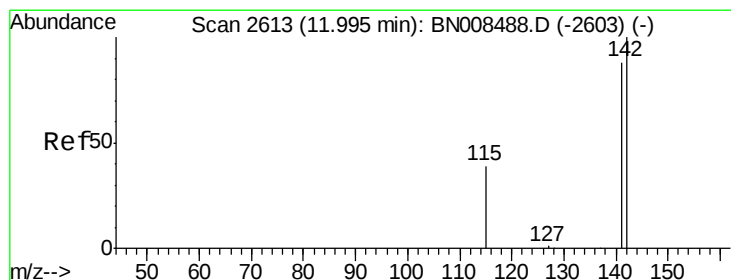
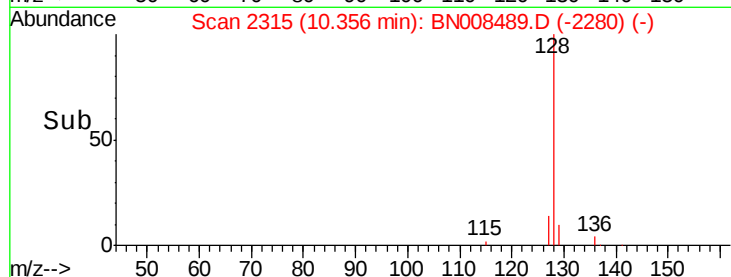
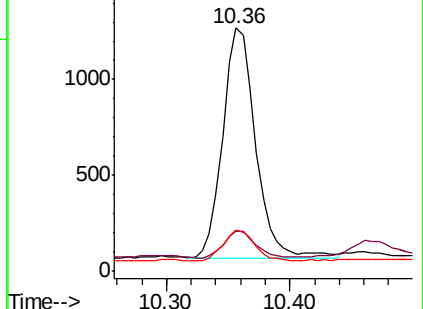
127 17.2 11.6 17.4



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: 0.150 ng/ul

RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BN008489.D

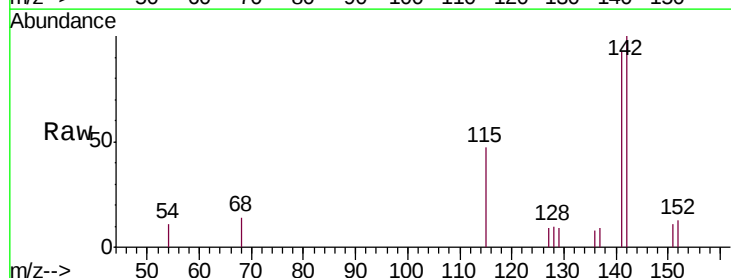
Acq: 07 Nov 2019 17:50

Tgt Ion:142 Resp: 1596

Ion Ratio Lower Upper

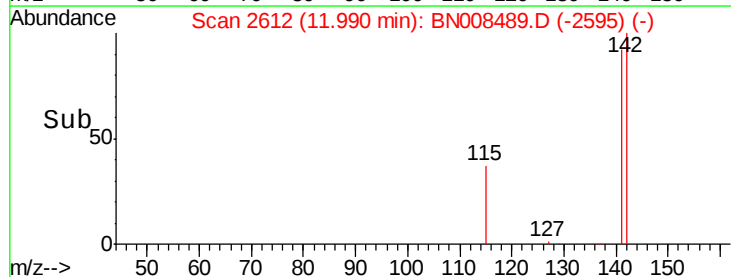
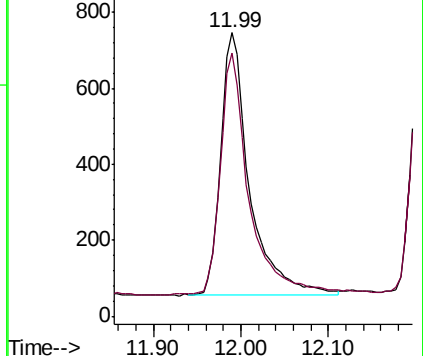
142 100

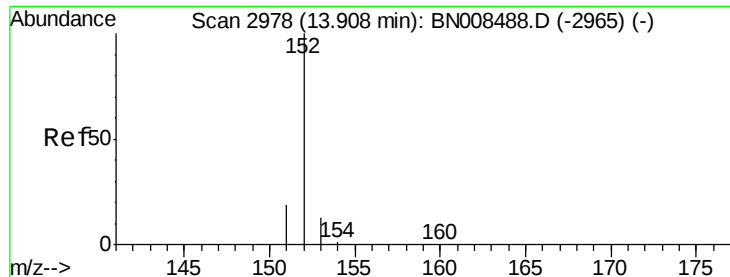
141 92.4 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BN008489.D

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Instrument :

BNA_N

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JLNA3

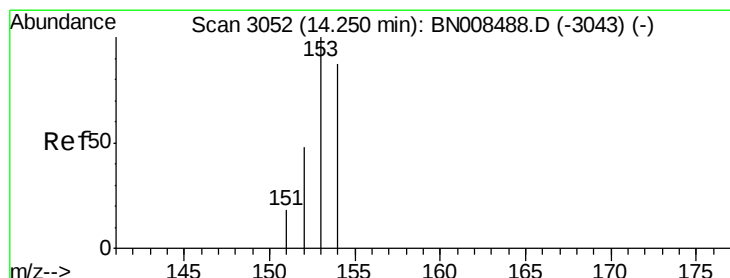
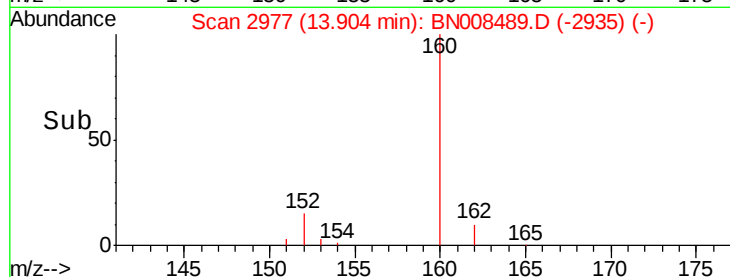
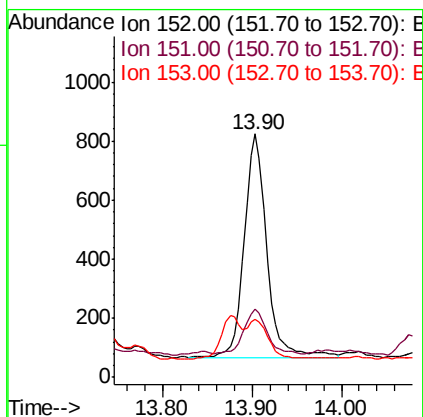
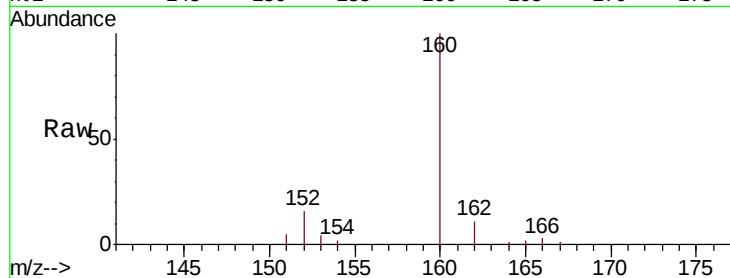
Tgt Ion:152 Resp: 1321

Ion Ratio Lower Upper

152 100

151 27.8 16.7 25.1#

153 23.8 11.4 17.2#



#8

Acenaphthene

Concen: 0.115 ng/ul

RT: 14.25 min Scan# 3051

Delta R.T. -0.00 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

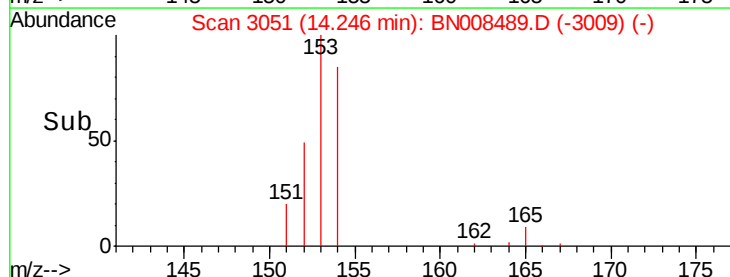
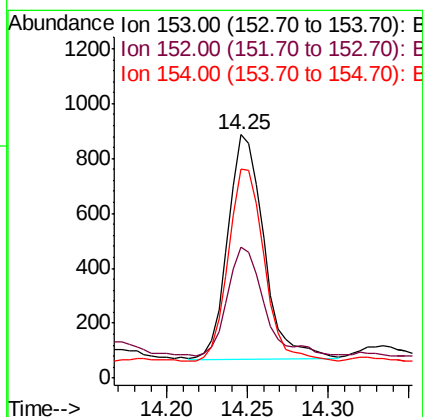
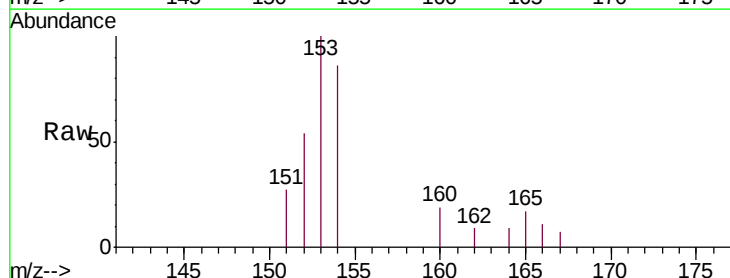
Tgt Ion:153 Resp: 1282

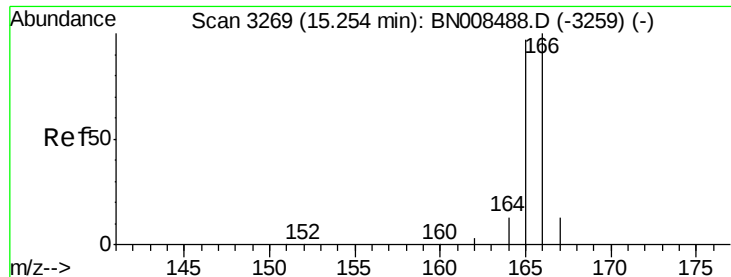
Ion Ratio Lower Upper

153 100

152 53.6 39.8 59.8

154 85.9 71.6 107.4





#9

Fluorene

Concen: 0.204 ng/ul

RT: 15.24 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Instrument :

BNA_N

ClientSampleId :

JLNA3

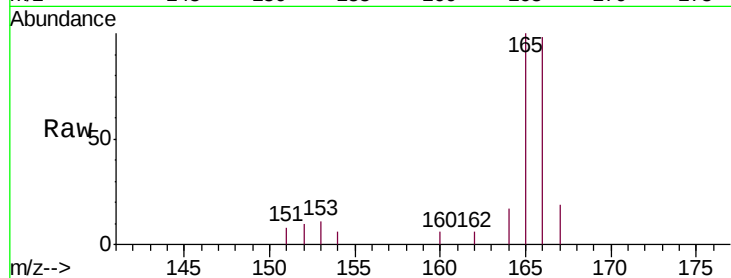
Tgt Ion:166 Resp: 2505

Ion Ratio Lower Upper

166 100

165 101.8 78.2 117.2

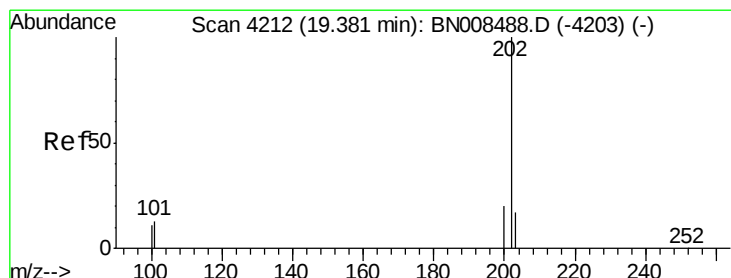
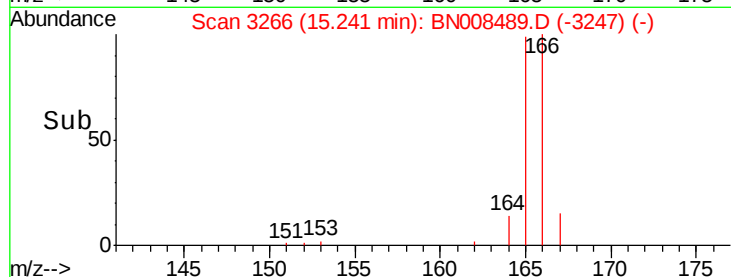
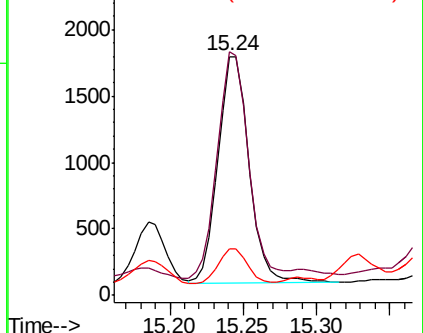
167 19.7 12.1 18.1#



Abundance Ion 166.00 (165.70 to 166.70): E

2500 Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 0.790 ng/ul

RT: 19.37 min Scan# 4210

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

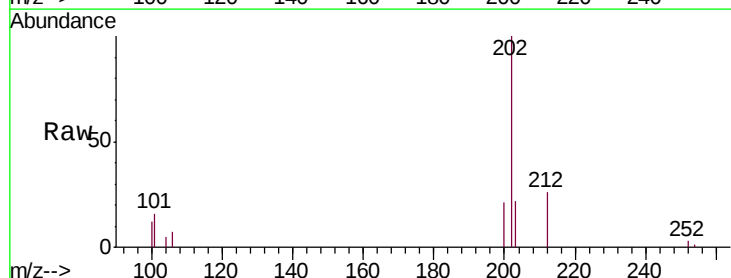
Tgt Ion:202 Resp: 20535

Ion Ratio Lower Upper

202 100

101 16.4 11.6 17.4

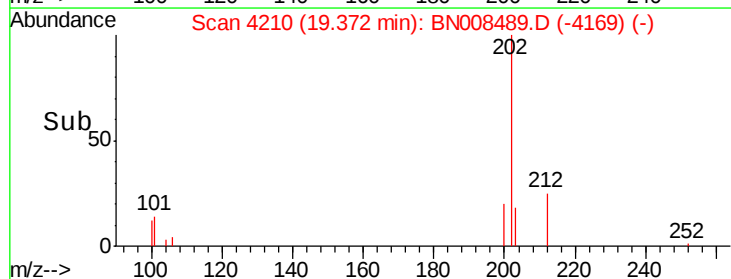
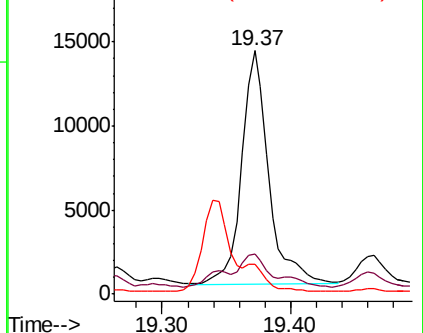
100 12.1 9.4 14.0

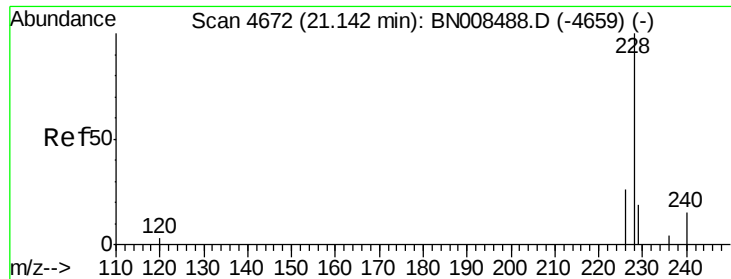


Abundance Ion 202.00 (201.70 to 202.70): E

20000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.467 ng/ul

RT: 21.13 min Scan# 4669

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

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ClientSampleId :

JLNA3

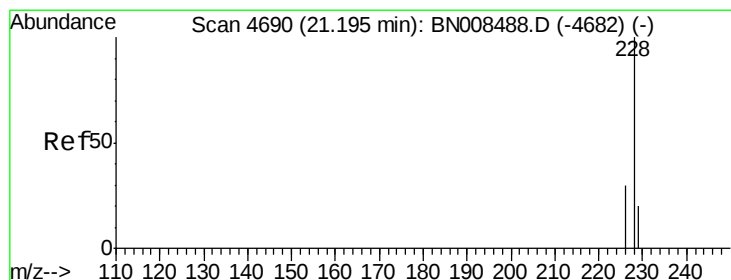
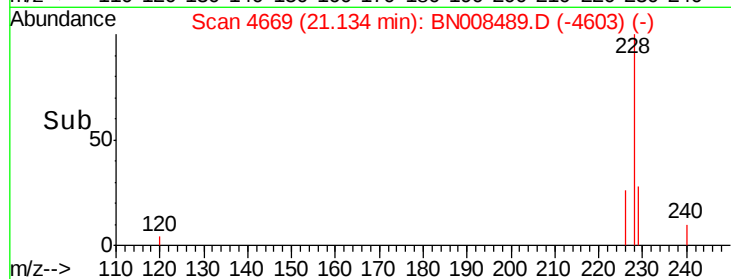
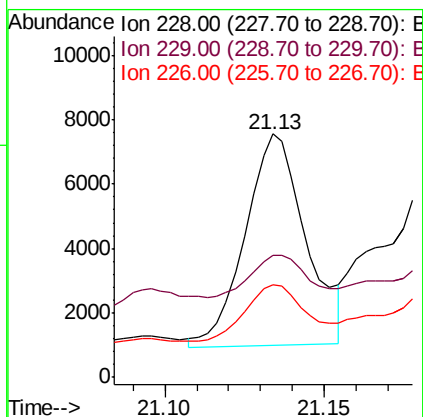
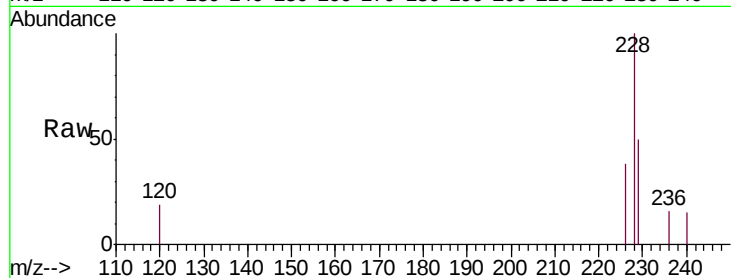
Tgt Ion:228 Resp: 8661

Ion Ratio Lower Upper

228 100

229 50.1 16.6 24.8#

226 37.8 22.8 34.2#



#19

Chrysene

Concen: 0.612 ng/ul

RT: 21.19 min Scan# 4687

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

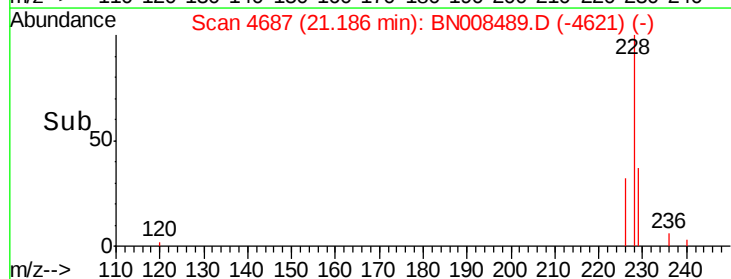
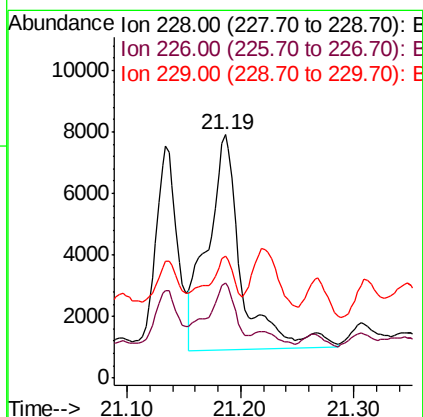
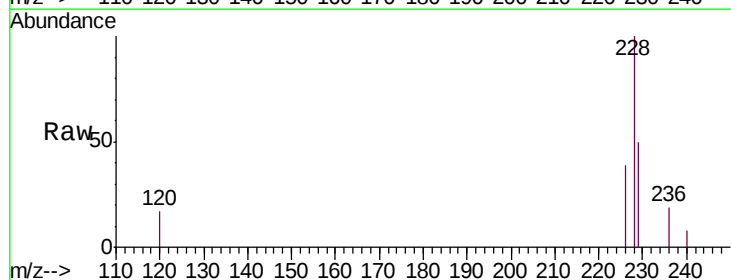
Tgt Ion:228 Resp: 14438

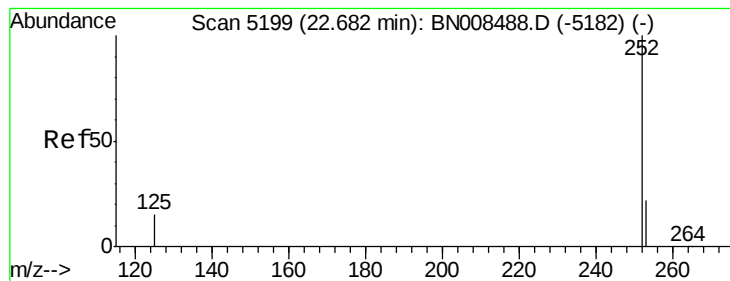
Ion Ratio Lower Upper

228 100

226 38.8 24.9 37.3#

229 49.9 16.6 25.0#





#21

Benzo(b)fluoranthene

Concen: 0.533 ng/ul

RT: 22.68 min Scan# 5197

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Instrument :

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JLNA3

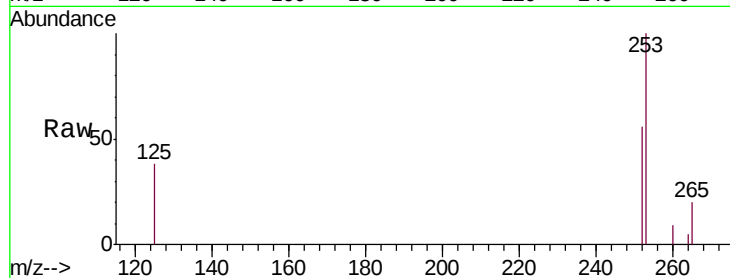
Tgt Ion:252 Resp: 14831

Ion Ratio Lower Upper

252 100

253 178.5 0.0 58.4#

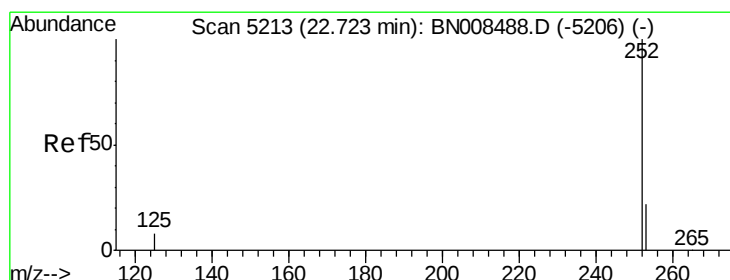
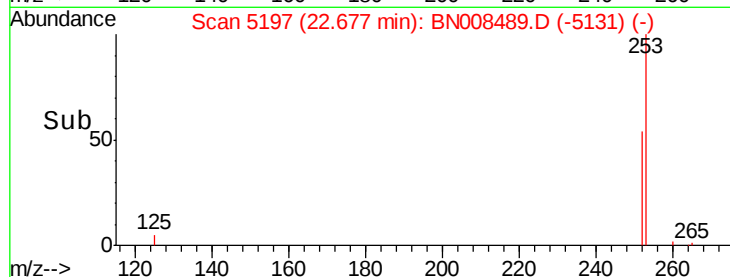
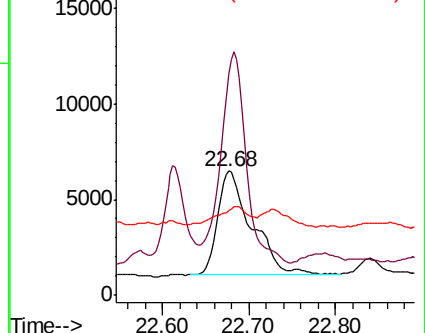
125 68.6 0.0 58.6#



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



#22

Benzo(k)fluoranthene

Concen: 0.468 ng/ul

RT: 22.68 min Scan# 5197

Delta R.T. -0.05 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

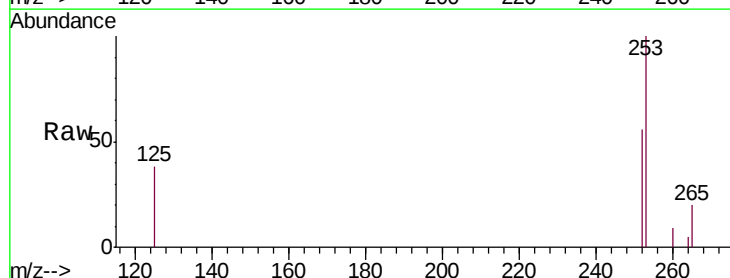
Tgt Ion:252 Resp: 14831

Ion Ratio Lower Upper

252 100

253 178.5 22.6 34.0#

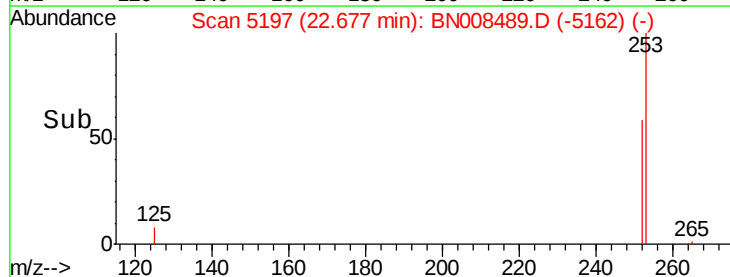
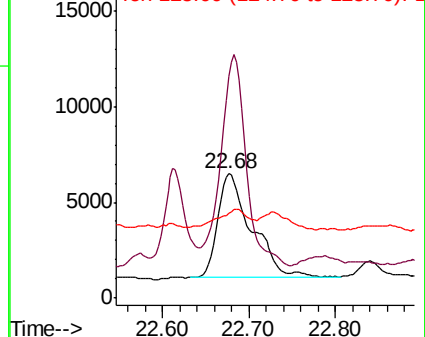
125 68.6 14.7 22.1#

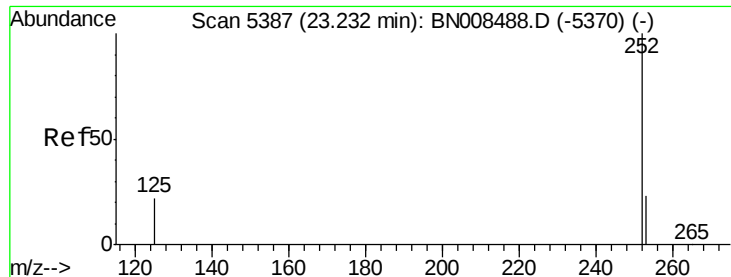


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.243 ng/ul

RT: 23.22 min Scan# 5383

Delta R.T. -0.01 min

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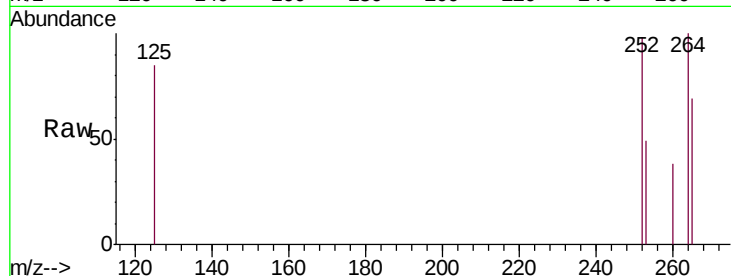
Tgt Ion:252 Resp: 6810

Ion Ratio Lower Upper

252 100

253 49.9 27.2 40.8#

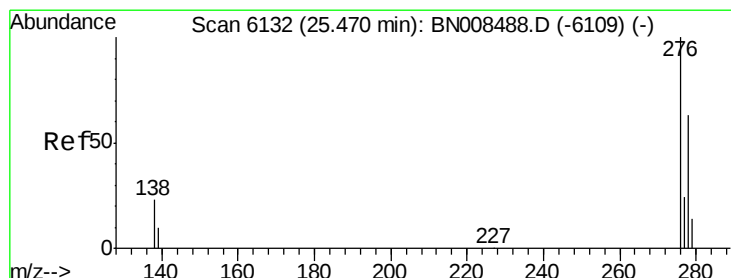
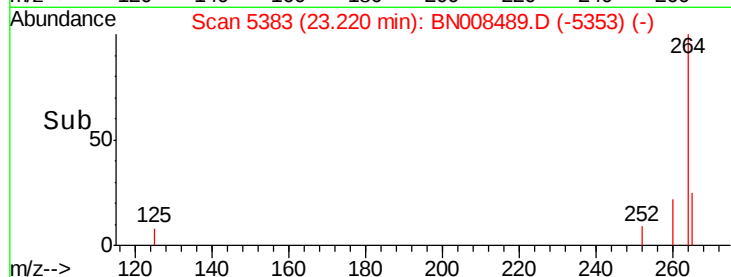
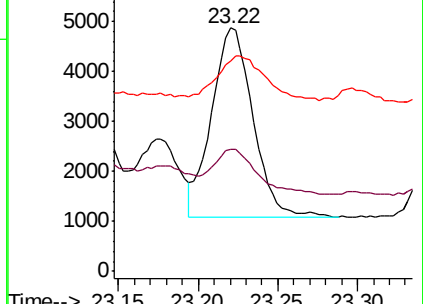
125 86.4 37.0 55.6#



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: 0.122 ng/ul

RT: 25.46 min Scan# 6129

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

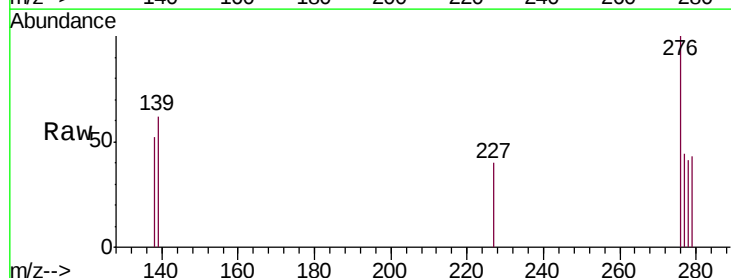
Tgt Ion:276 Resp: 3880

Ion Ratio Lower Upper

276 100

138 26.7 18.3 27.5

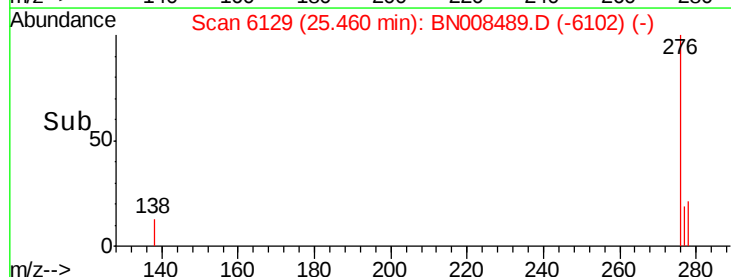
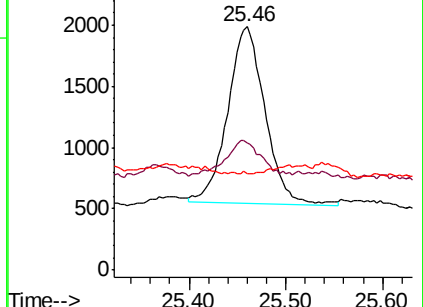
227 0.0 0.0 0.0

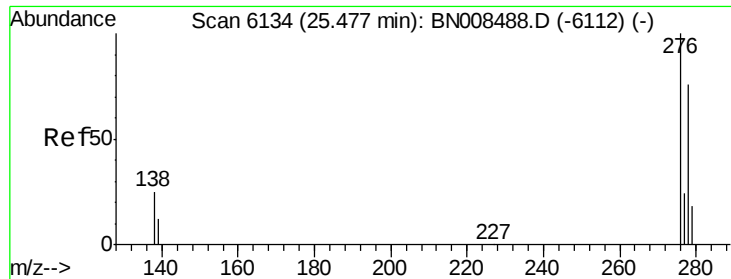


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.049 ng/ul

RT: 25.46 min Scan# 6130

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Instrument :

BNA_N

ClientSampleId :

JLNA3

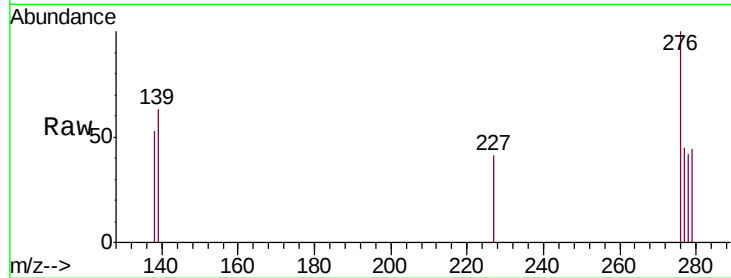
Tgt Ion: 278 Resp: 1247

Ion Ratio Lower Upper

278 100

139 148.3 17.6 26.4#

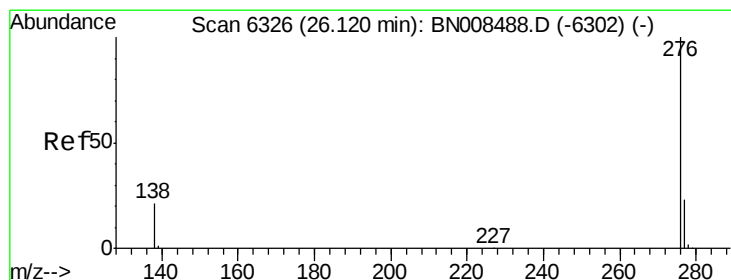
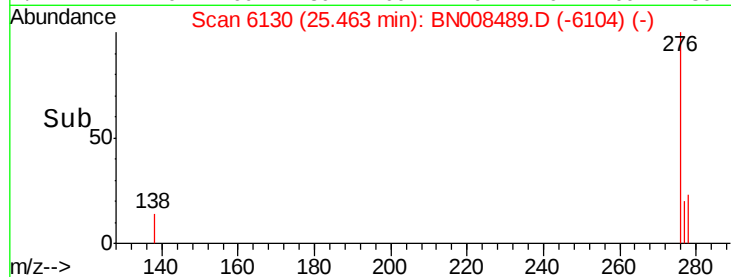
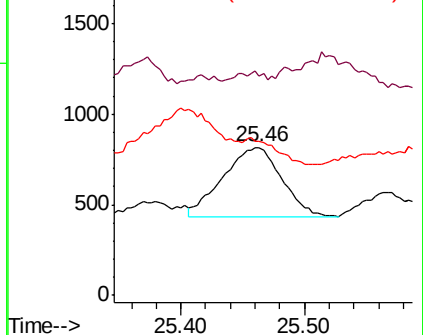
279 104.2 25.1 37.7#



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: 0.170 ng/ul

RT: 26.11 min Scan# 6323

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

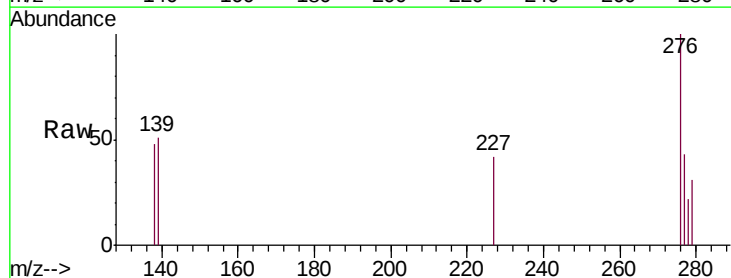
Tgt Ion: 276 Resp: 4865

Ion Ratio Lower Upper

276 100

138 48.3 20.1 30.1#

277 42.5 20.6 31.0#



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

