

Data File : BE098088.D
Acq On : 26 Oct 2018 14:18
Operator : SJ/JU
Sample : J5598-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD6

Quant Time: Oct 26 23:20:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 23:15:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1065	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5248	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3790	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	440515	0.40	ng/ul	0.10
16) Chrysene-d12	21.61	240	69	0.40	ng/ul	0.13
20) Perylene-d12	24.33	264	651	0.40	ng/ul	0.30

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2457	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.41	212	73	0.00	ng/ul	0.09

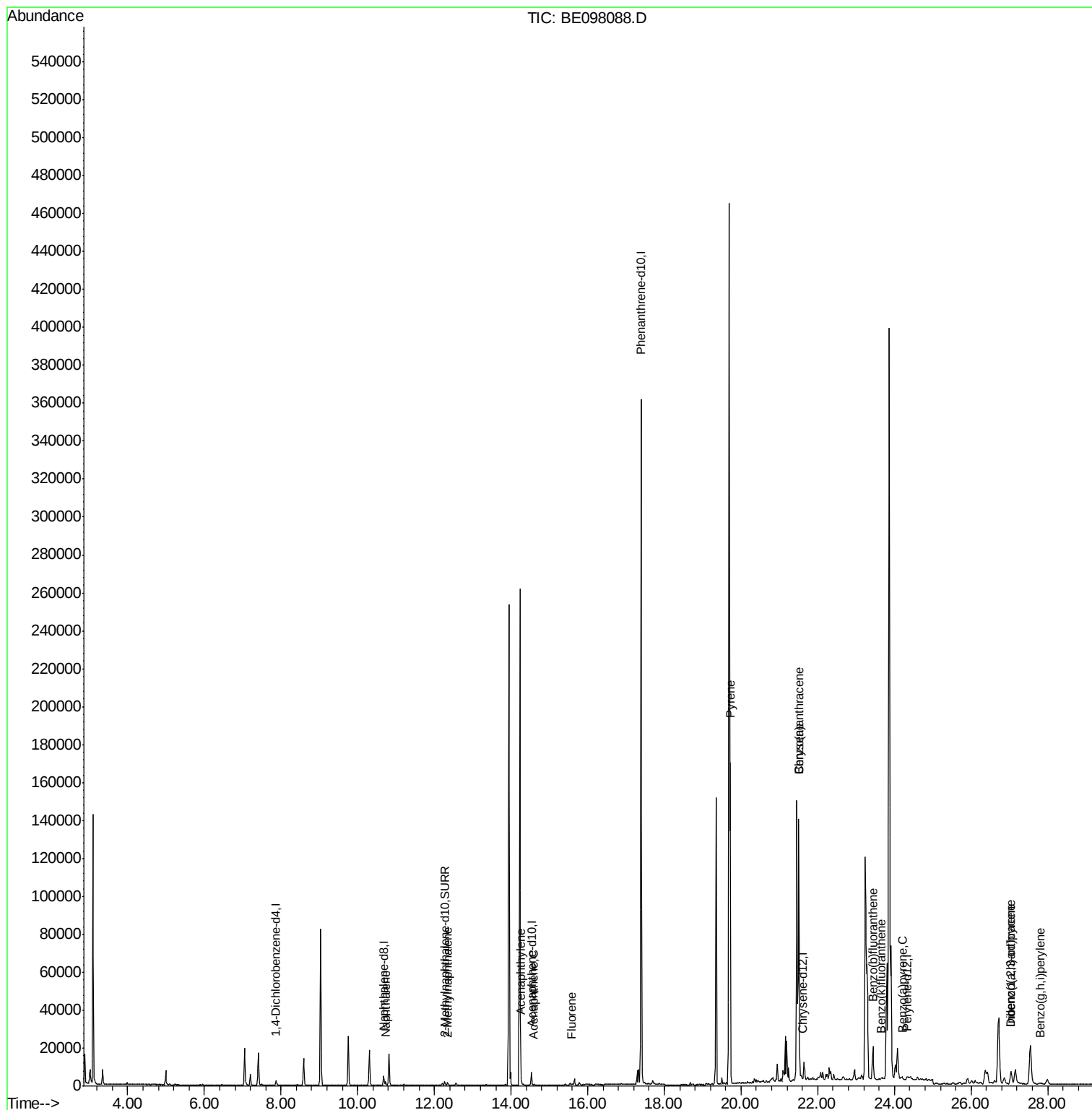
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	2821	0.225	ng/ul	99
5) 2-Methylnaphthalene	12.34	142	1169	0.123	ng/ul	99
7) Acenaphthylene	14.26	152	7806	0.522	ng/ul	98
8) Acenaphthene	14.60	153	347	0.031	ng/ul#	87
9) Fluorene	15.59	166	413	0.031	ng/ul#	94
17) Pyrene	19.72	202	189029	1173.299	ng/ul	97
18) Benzo(a)anthracene	21.51	228	145907	719.199	ng/ul	96
19) Chrysene	21.51	228	145907	929.727	ng/ul	100
21) Benzo(b)fluoranthene	23.44	252	26190	14.520	ng/ul	97
22) Benzo(k)fluoranthene	23.67	252	491	0.278	ng/ul#	1
23) Benzo(a)pyrene	24.19	252	305	0.176	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.04	276	3088	1.553	ng/ul#	69
25) Dibenzo(a,h)anthracene	27.04	278	11714	7.070	ng/ul	96
26) Benzo(g,h,i)perylene	27.81	276	1431	0.855	ng/ul#	59

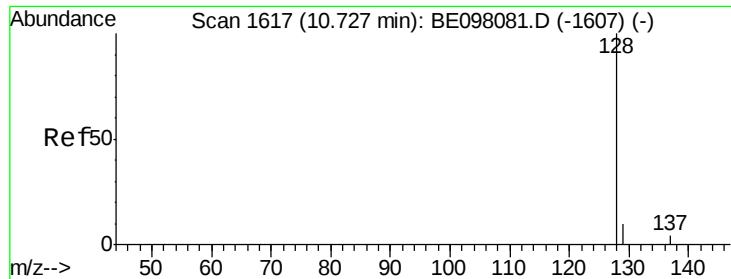
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.225 ng/ul

RT: 10.73 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

Instrument :

BNA_E

ClientSampleId :

C0AD6

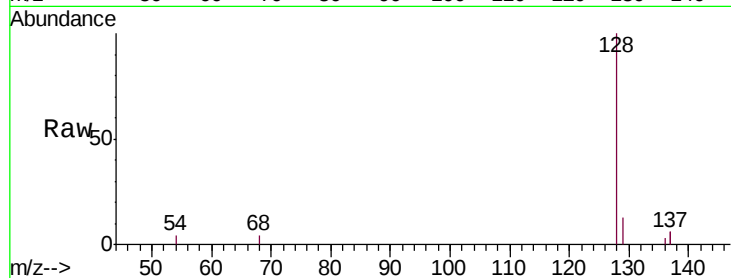
Tgt Ion:128 Resp: 2821

Ion Ratio Lower Upper

128 100

129 13.4 10.5 15.7

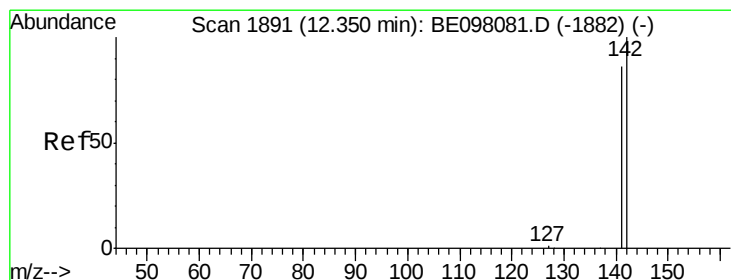
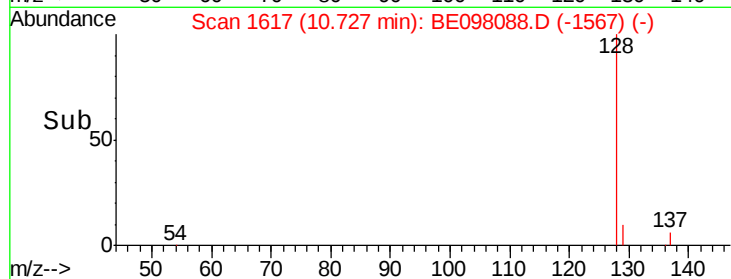
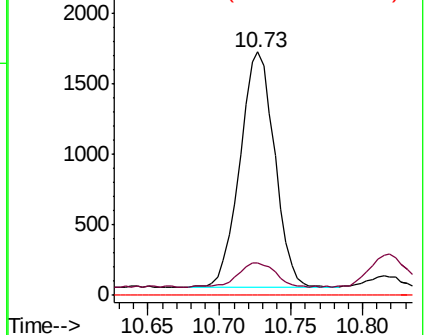
127 0.0 0.0 0.0



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: 0.123 ng/ul

RT: 12.34 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BE098088.D

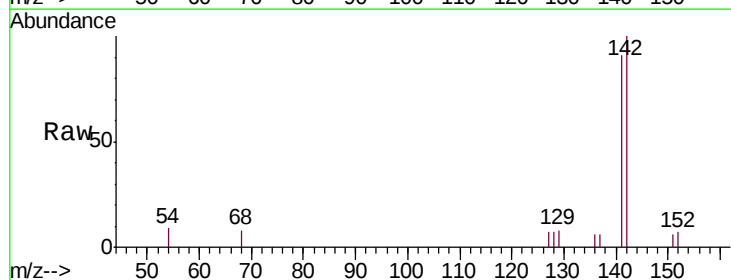
Acq: 26 Oct 2018 14:18

Tgt Ion:142 Resp: 1169

Ion Ratio Lower Upper

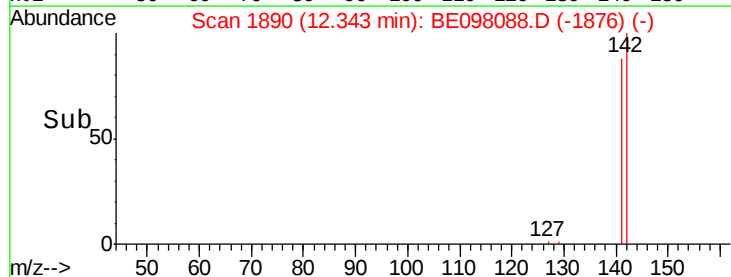
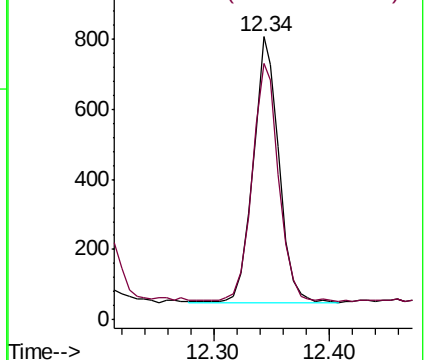
142 100

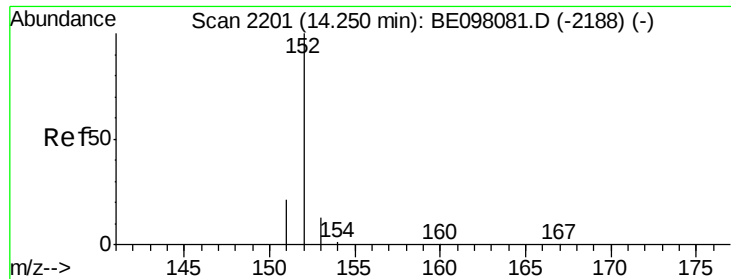
141 91.7 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.522 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

Instrument :

BNA_E

ClientSampleId :

C0AD6

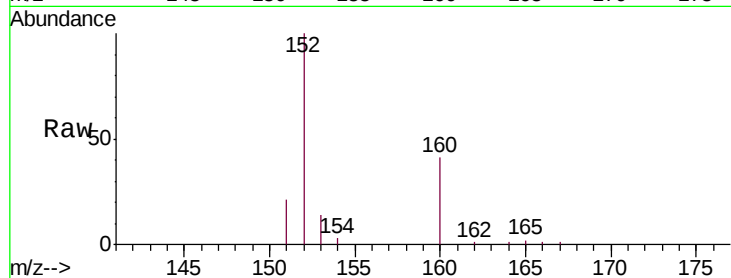
Tgt Ion:152 Resp: 7806

Ion Ratio Lower Upper

152 100

151 20.9 17.3 25.9

153 14.2 11.9 17.9

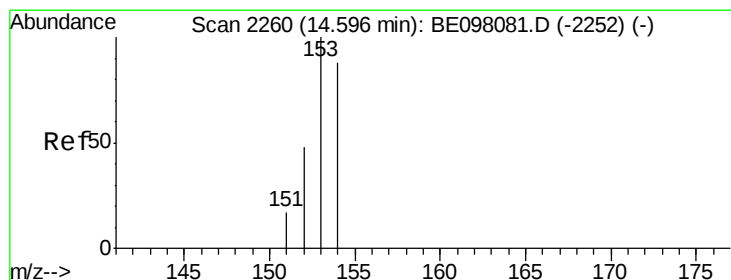
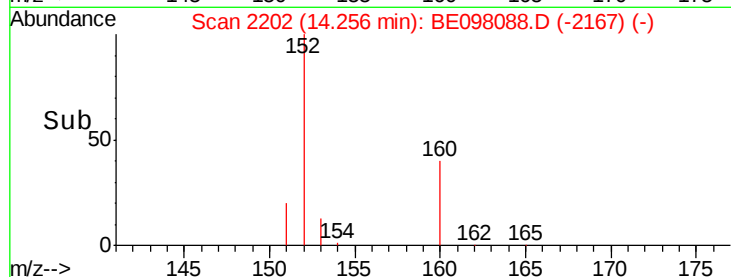


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->



#8

Acenaphthene

Concen: 0.031 ng/ul

RT: 14.60 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

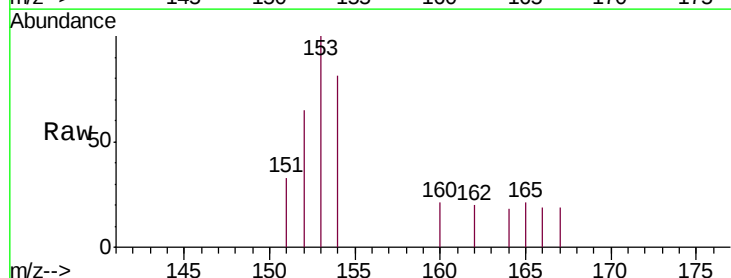
Tgt Ion:153 Resp: 347

Ion Ratio Lower Upper

153 100

152 65.1 39.4 59.0#

154 81.0 70.5 105.7

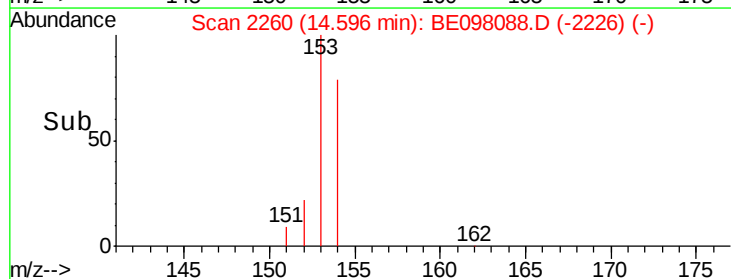


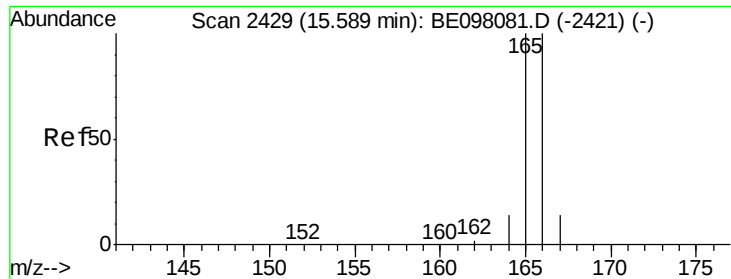
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->





#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.59 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

Instrument :

BNA_E

ClientSampled :

C0AD6

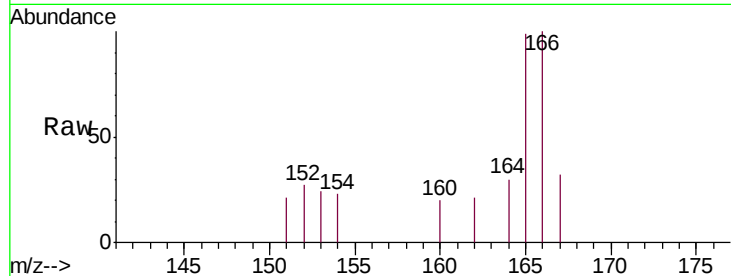
Tgt Ion:166 Resp: 413

Ion Ratio Lower Upper

166 100

165 99.0 80.2 120.4

167 31.6 12.0 18.0#



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

800

600

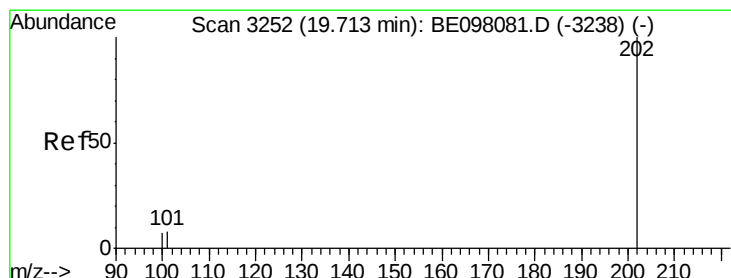
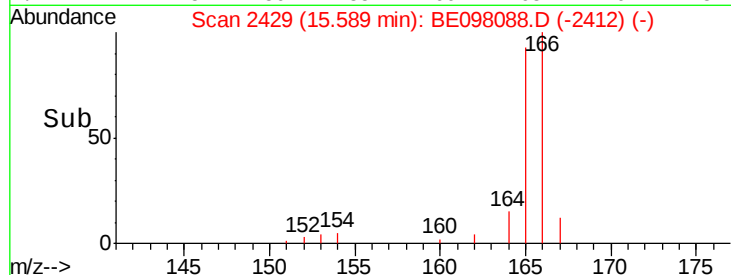
400

200

0

15.55 15.60 15.65

Time-->



#17

Pyrene

Concen: 1173.299 ng/ul

RT: 19.72 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

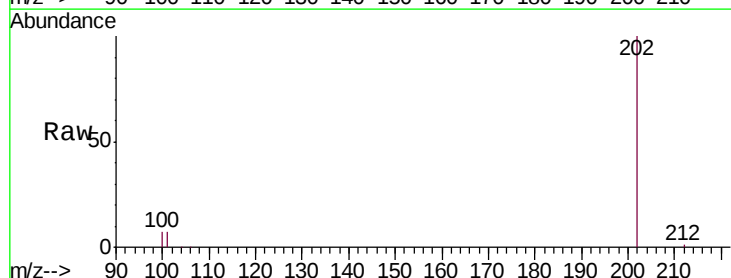
Tgt Ion:202 Resp: 189029

Ion Ratio Lower Upper

202 100

101 7.3 6.9 10.3

100 6.7 6.0 9.0



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): BE

200000

150000

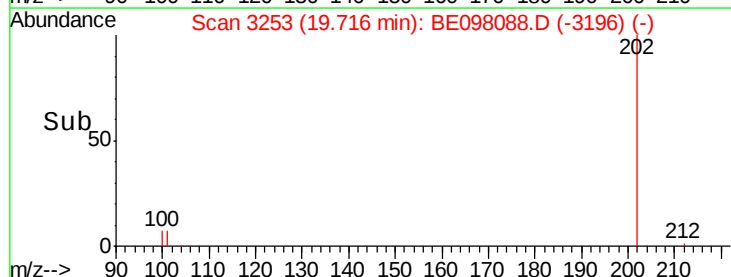
100000

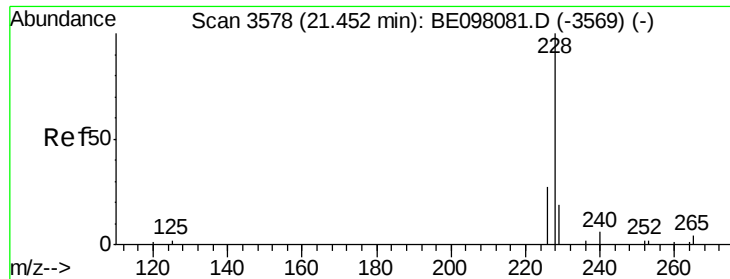
50000

0

19.60 19.70 19.80

Time-->





#18

Benzo(a)anthracene

Concen: 719.199 ng/ul

RT: 21.51 min Scan# 3587

Delta R.T. 0.06 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

Instrument :

BNA_E

ClientSampleId :

C0AD6

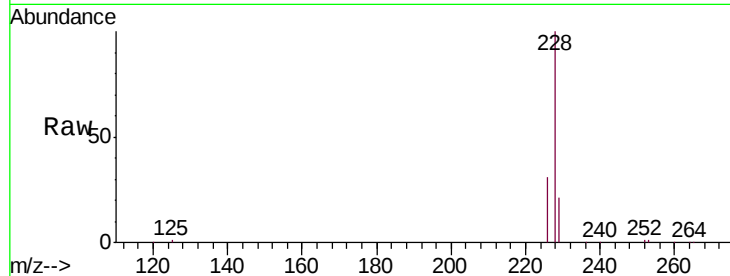
Tgt Ion:228 Resp: 145907

Ion Ratio Lower Upper

228 100

229 20.6 16.1 24.1

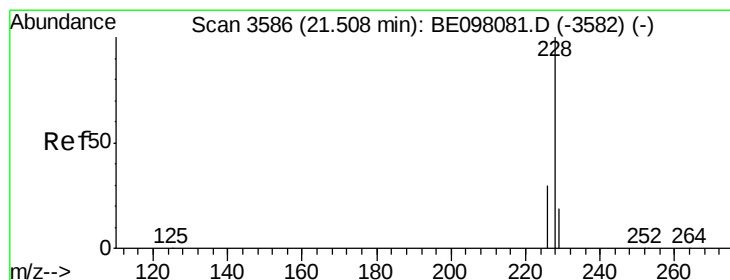
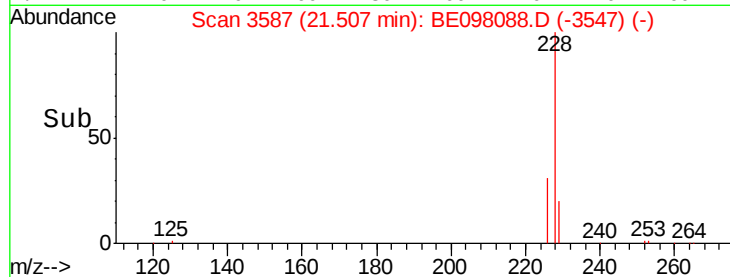
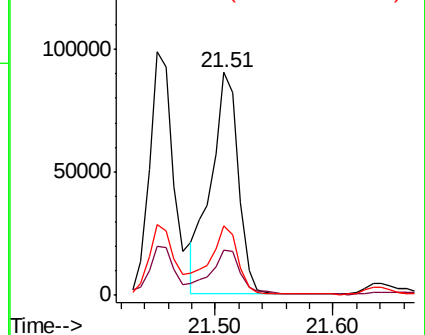
226 31.0 22.2 33.4



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: 929.727 ng/ul

RT: 21.51 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

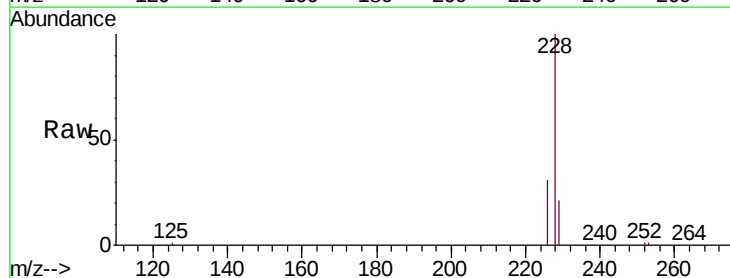
Tgt Ion:228 Resp: 145907

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

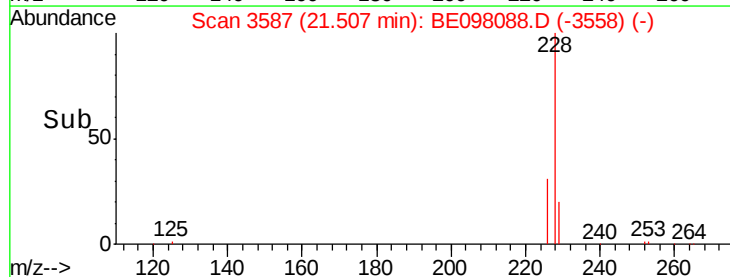
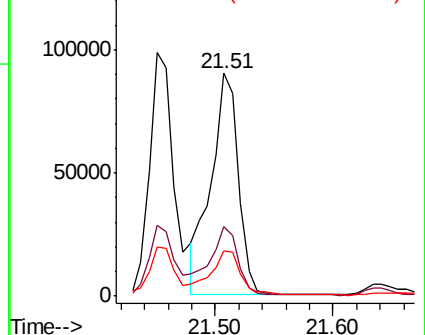
229 20.6 16.4 24.6

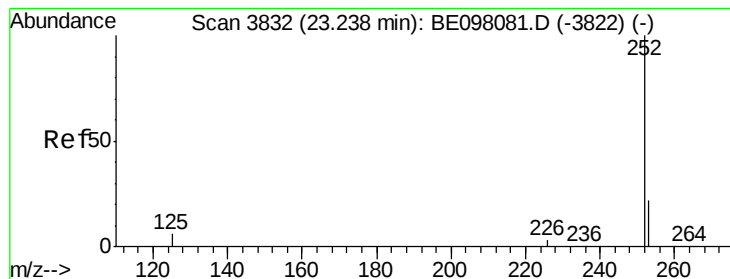


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 14.520 ng/ul

RT: 23.44 min Scan# 3862

Delta R.T. 0.20 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

Instrument :

BNA_E

ClientSampleId :

C0AD6

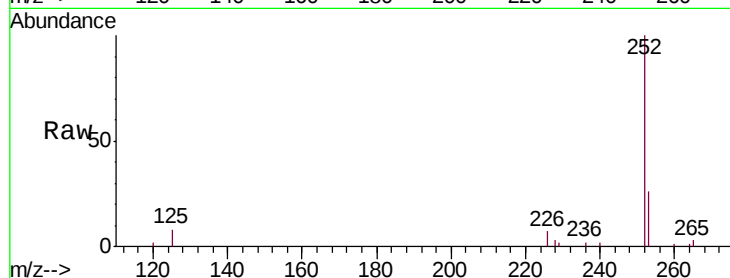
Tgt Ion:252 Resp: 26190

Ion Ratio Lower Upper

252 100

253 25.9 0.0 47.8

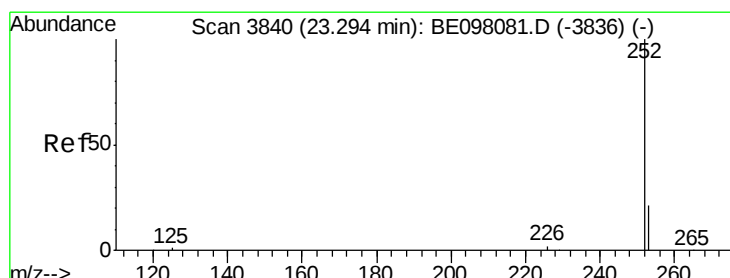
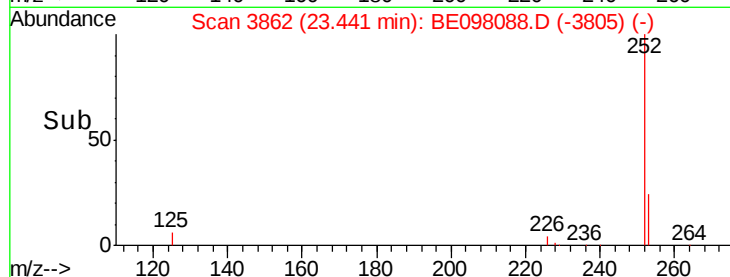
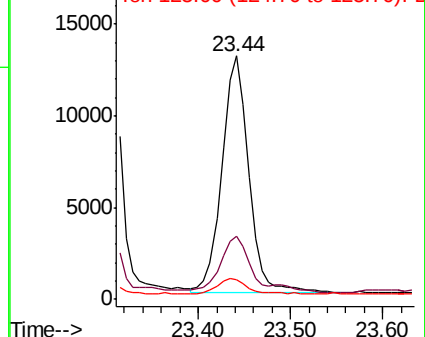
125 8.3 0.0 16.8



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: 0.278 ng/ul

RT: 23.67 min Scan# 3895

Delta R.T. 0.38 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

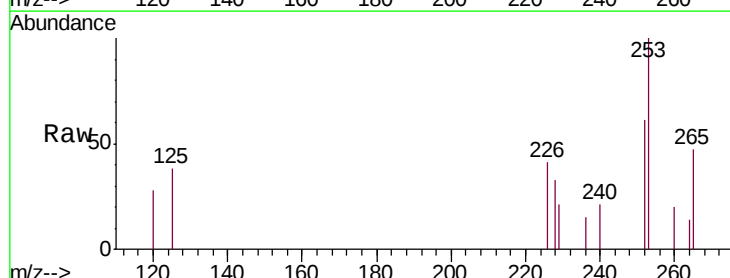
Tgt Ion:252 Resp: 491

Ion Ratio Lower Upper

252 100

253 163.9 19.3 28.9#

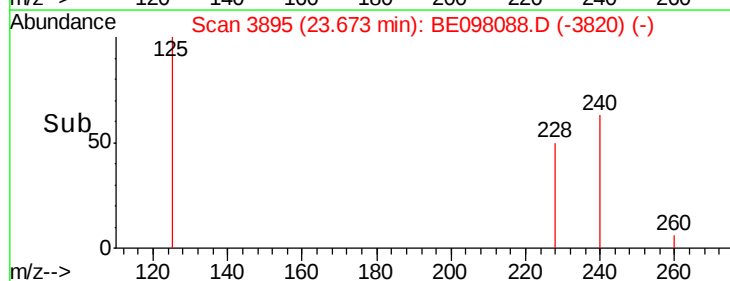
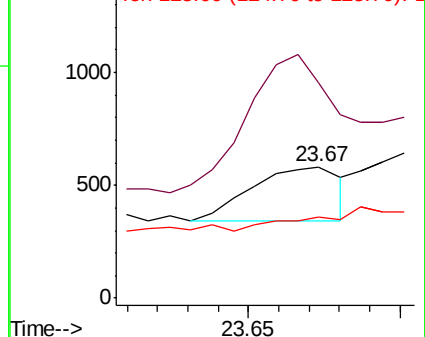
125 61.9 6.2 9.2#

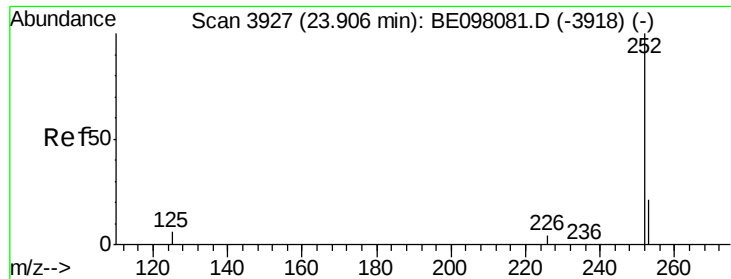


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.176 ng/ul

RT: 24.19 min Scan# 3969

Delta R.T. 0.29 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

Instrument :

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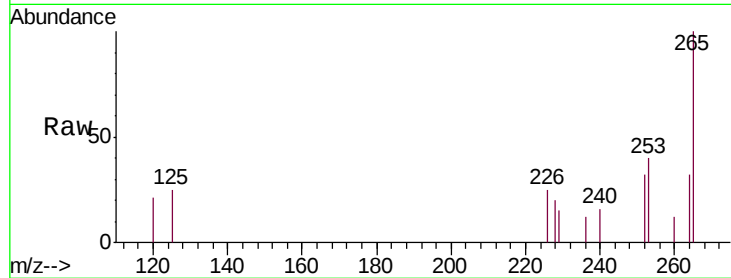
Tgt Ion:252 Resp: 305

Ion Ratio Lower Upper

252 100

253 123.4 19.4 29.2#

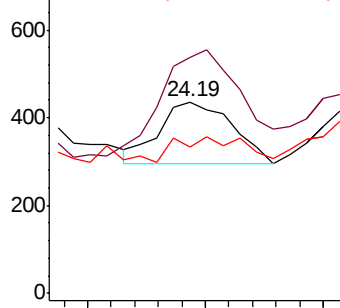
125 76.1 7.8 11.8#



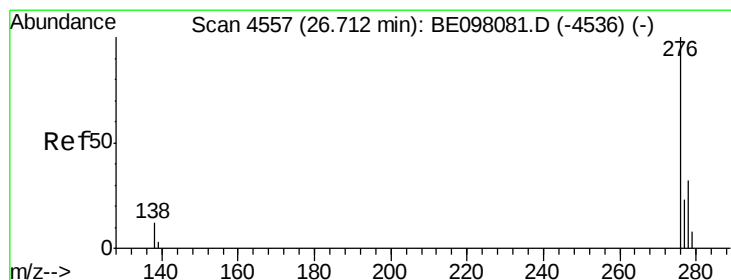
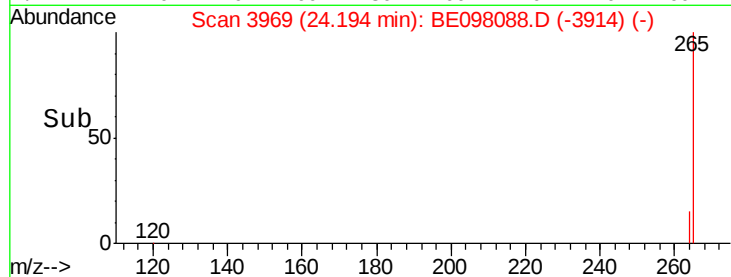
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.553 ng/ul

RT: 27.04 min Scan# 4650

Delta R.T. 0.33 min

Lab File: BE098088.D

Acq: 26 Oct 2018 14:18

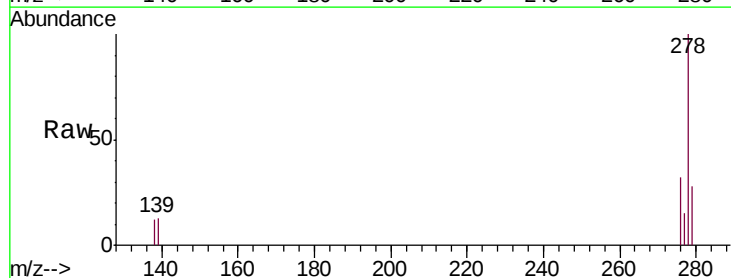
Tgt Ion:276 Resp: 3088

Ion Ratio Lower Upper

276 100

138 27.6 11.8 17.8#

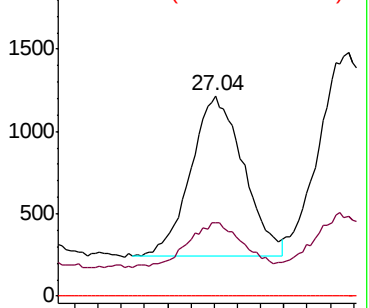
227 0.0 0.0 0.0



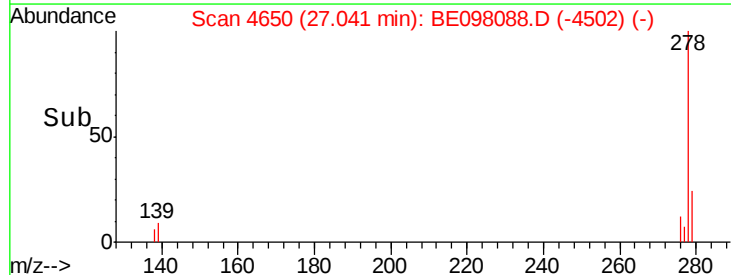
Abundance Ion 276.00 (275.70 to 276.70): E

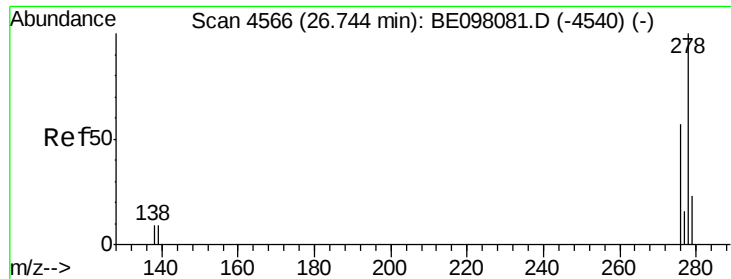
Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

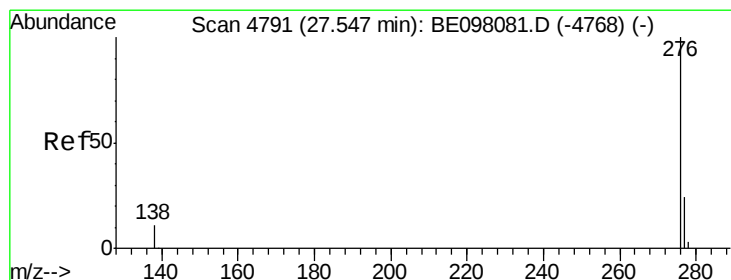
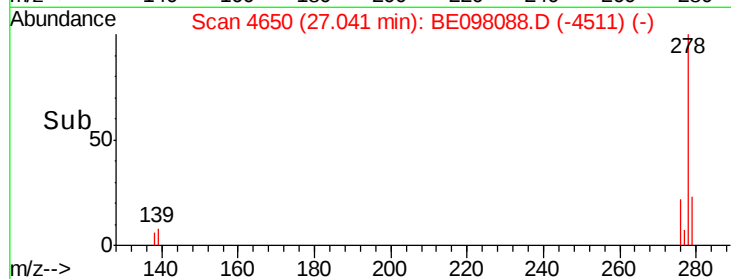
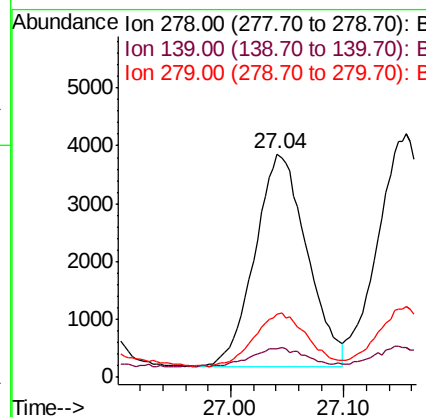
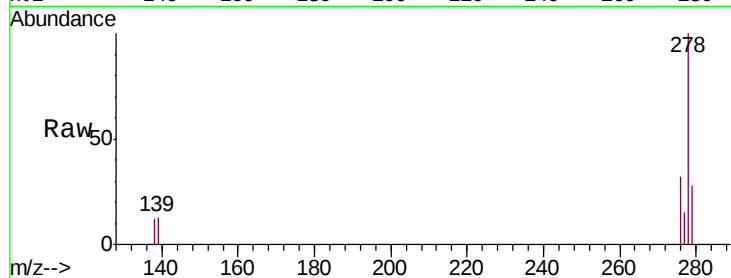




#25
Dibenzo(a,h)anthracene
Concen: 7.070 ng/ul
RT: 27.04 min Scan# 4650
Delta R.T. 0.30 min
Lab File: BE098088.D
Acq: 26 Oct 2018 14:18

Instrument :
BNA_E
ClientSampleId :
C0AD6

Tgt Ion: 278 Resp: 11714
Ion Ratio Lower Upper
278 100
139 12.9 10.0 15.0
279 28.0 20.3 30.5



#26
Benzo(g,h,i)perylene
Concen: 0.855 ng/ul
RT: 27.81 min Scan# 4866
Delta R.T. 0.26 min
Lab File: BE098088.D
Acq: 26 Oct 2018 14:18

Tgt Ion: 276 Resp: 1431
Ion Ratio Lower Upper
276 100
138 33.7 11.6 17.4#
277 45.3 20.8 31.2#

