

Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Quant Time: Oct 23 02:37:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1848	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	8701	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	6369	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	772122	0.40	ng/ul	0.10
16) Chrysene-d12	21.64	240	48	0.40	ng/ul	0.16
20) Perylene-d12	24.28	264	226	0.40	ng/ul	0.25

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4441	0.33	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

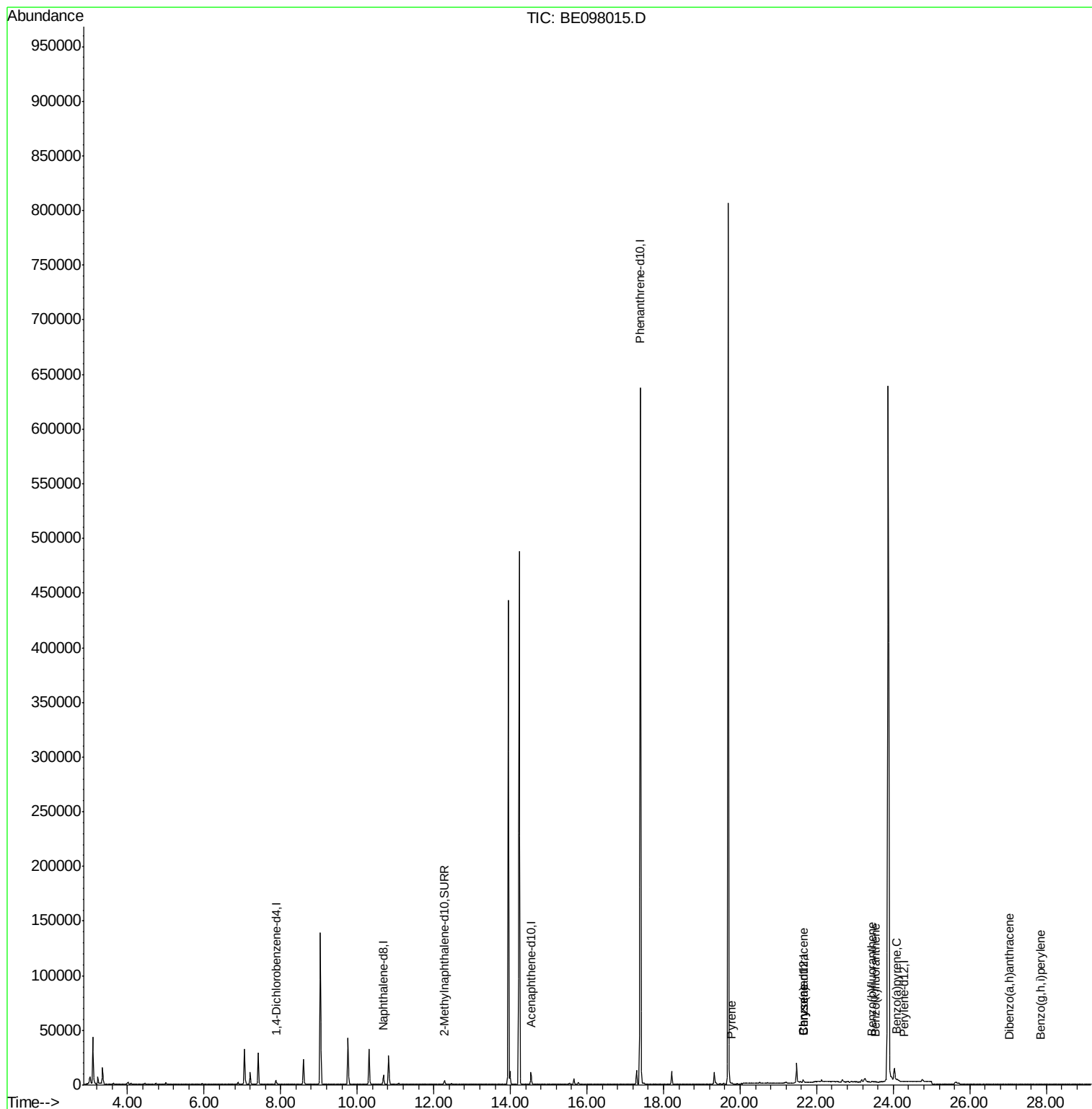
Target Compounds				Qvalue		
17) Pyrene	19.79	202	71	0.602	ng/ul#	1
18) Benzo(a)anthracene	21.64	228	465	3.490	ng/ul#	16
19) Chrysene	21.64	228	465	3.618	ng/ul#	18
21) Benzo(b)fluoranthene	23.44	252	578	0.990	ng/ul#	1
22) Benzo(k)fluoranthene	23.53	252	72	0.109	ng/ul#	1
23) Benzo(a)pyrene	24.09	252	705	1.319	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.02	278	11	0.022	ng/ul#	1
26) Benzo(g,h,i)perylene	27.85	276	84	0.147	ng/ul#	1

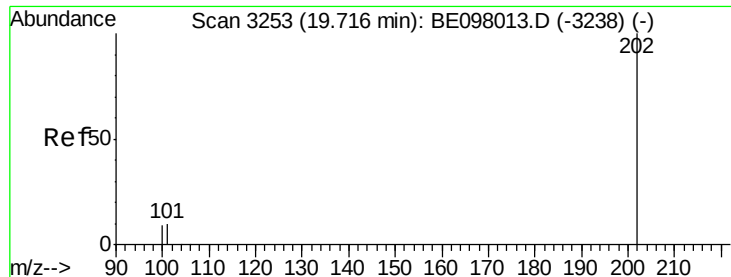
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 0.602 ng/ul

RT: 19.79 min Scan# 3272

Delta R.T. 0.07 min

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Instrument :

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ClientSampleId :

C0AH9

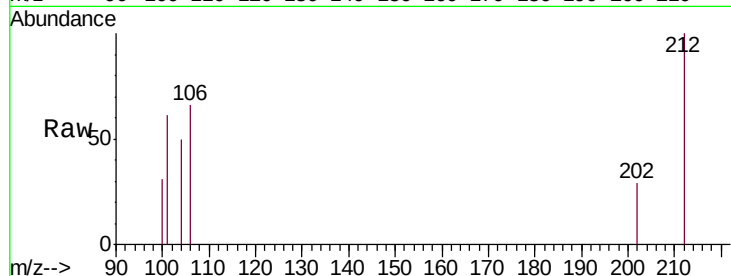
Tgt Ion:202 Resp: 71

Ion Ratio Lower Upper

202 100

101 210.2 8.8 13.2#

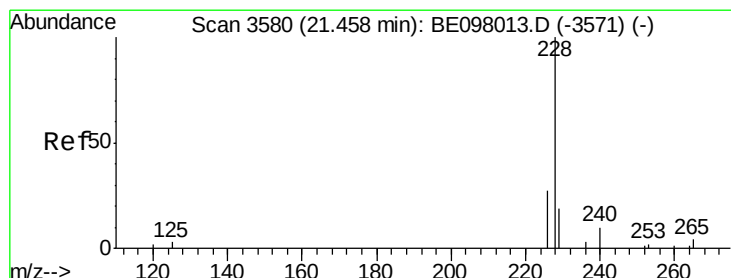
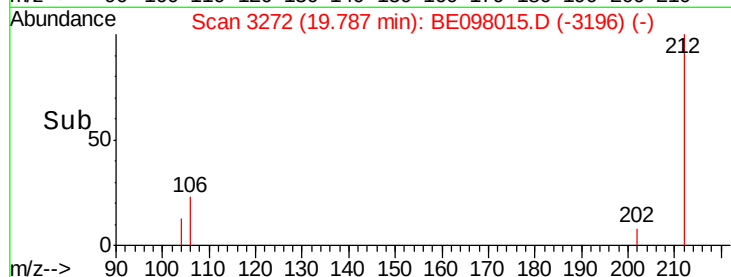
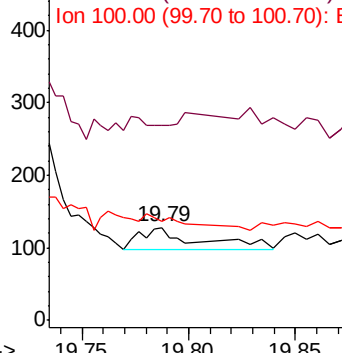
100 107.0 7.9 11.9#



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



#18

Benzo(a)anthracene

Concen: 3.490 ng/ul

RT: 21.64 min Scan# 3604

Delta R.T. 0.18 min

Lab File: BE098015.D

Acq: 22 Oct 2018 18:44

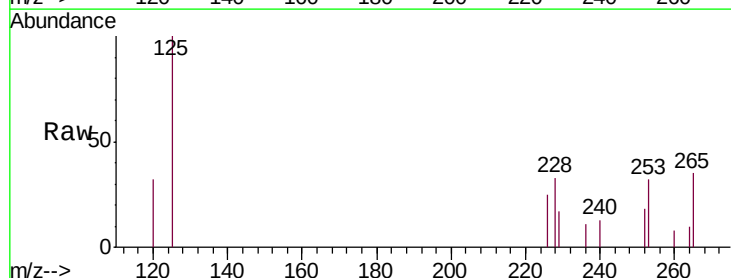
Tgt Ion:228 Resp: 465

Ion Ratio Lower Upper

228 100

229 51.6 16.4 24.6#

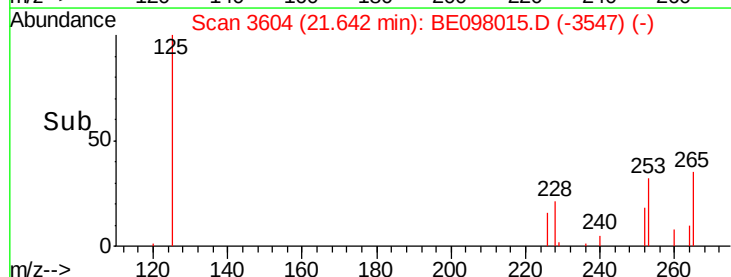
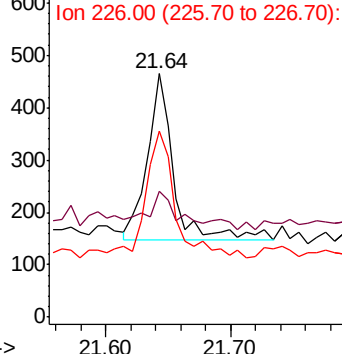
226 76.6 21.5 32.3#

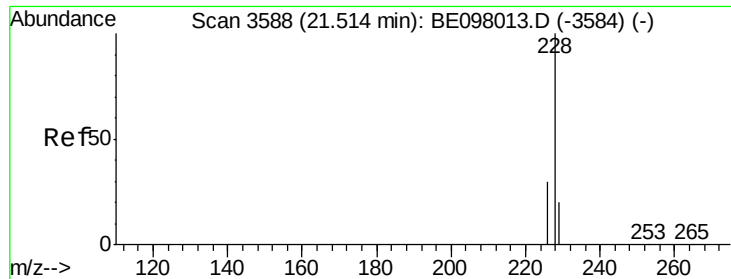


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 3.618 ng/ul

RT: 21.64 min Scan# 3604

Delta R.T. 0.13 min

Lab File: BE098015.D

Acq: 22 Oct 2018 18:44

Instrument :

BNA_E

ClientSampleId :

C0AH9

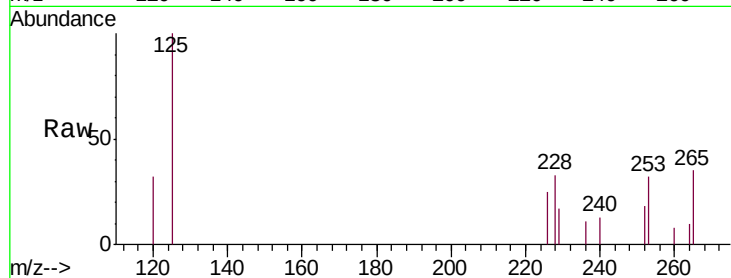
Tgt Ion:228 Resp: 465

Ion Ratio Lower Upper

228 100

226 76.6 23.0 34.4#

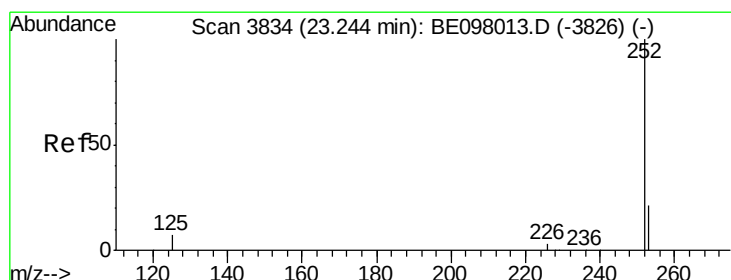
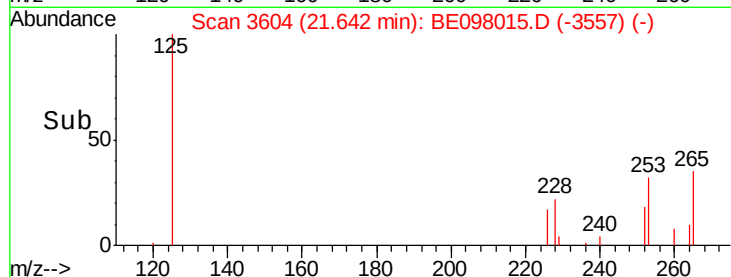
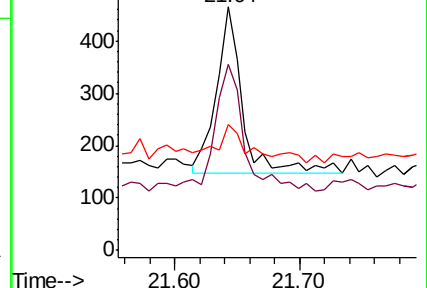
229 51.6 15.5 23.3#



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: 0.990 ng/ul

RT: 23.44 min Scan# 3860

Delta R.T. 0.20 min

Lab File: BE098015.D

Acq: 22 Oct 2018 18:44

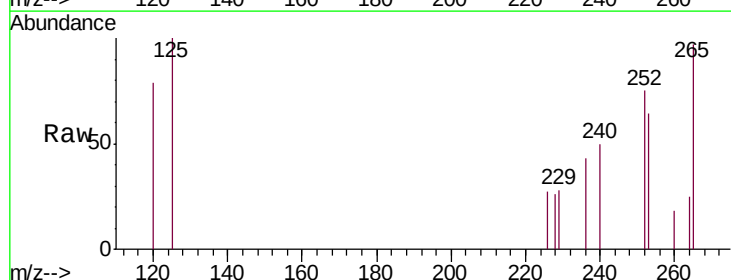
Tgt Ion:252 Resp: 578

Ion Ratio Lower Upper

252 100

253 86.0 0.0 47.0#

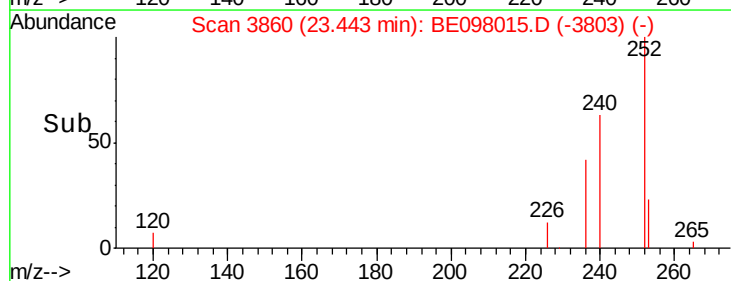
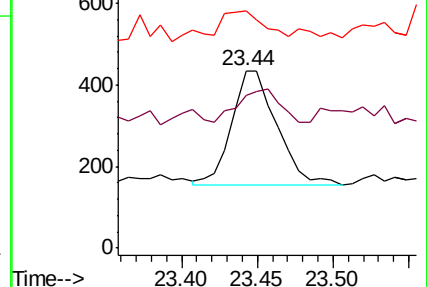
125 133.6 0.0 18.2#

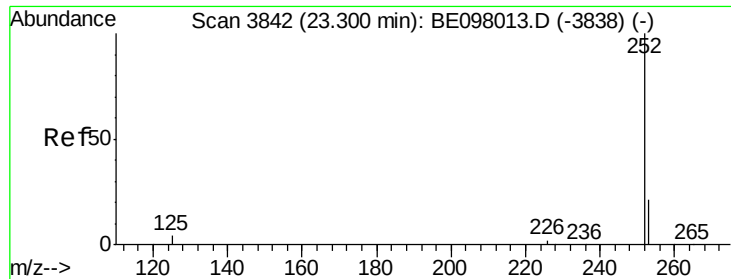


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.109 ng/ul

RT: 23.53 min Scan# 3872

Delta R.T. 0.23 min

Lab File: BE098015.D

Acq: 22 Oct 2018 18:44

Instrument :

BNA_E

ClientSampleId :

C0AH9

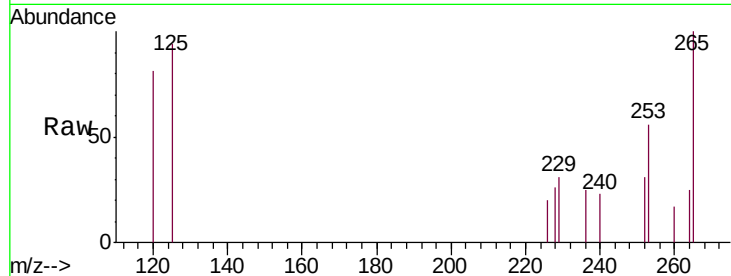
Tgt Ion:252 Resp: 72

Ion Ratio Lower Upper

252 100

253 179.0 17.8 26.6#

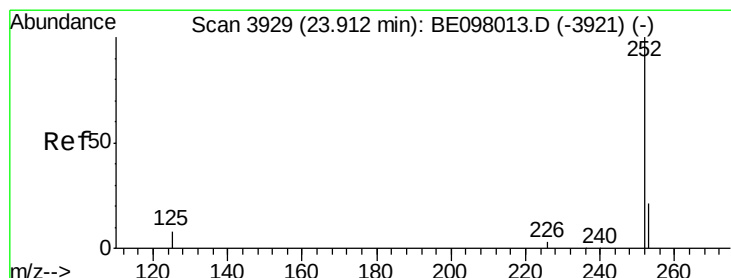
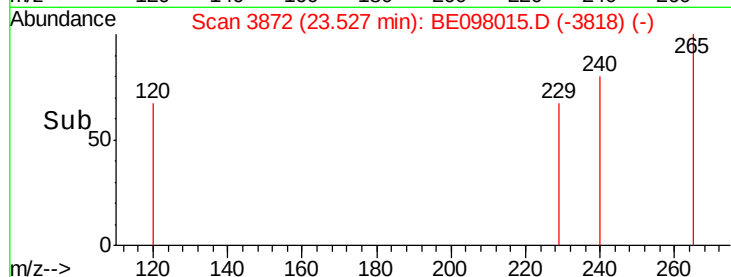
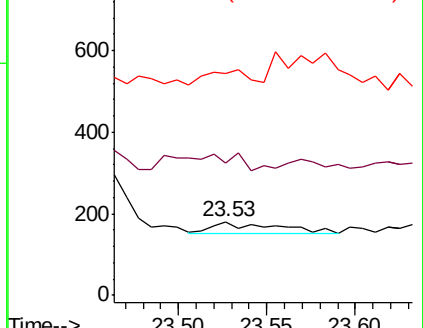
125 301.1 9.4 14.0#



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: 1.319 ng/ul

RT: 24.09 min Scan# 3952

Delta R.T. 0.18 min

Lab File: BE098015.D

Acq: 22 Oct 2018 18:44

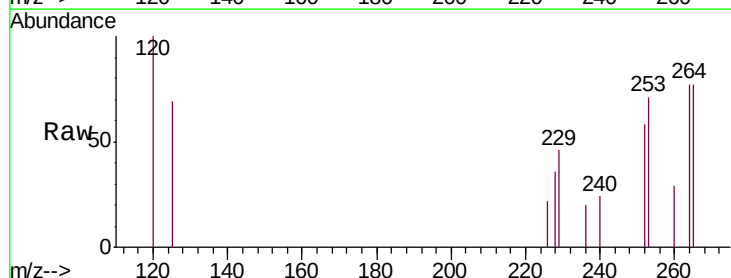
Tgt Ion:252 Resp: 705

Ion Ratio Lower Upper

252 100

253 123.4 18.2 27.4#

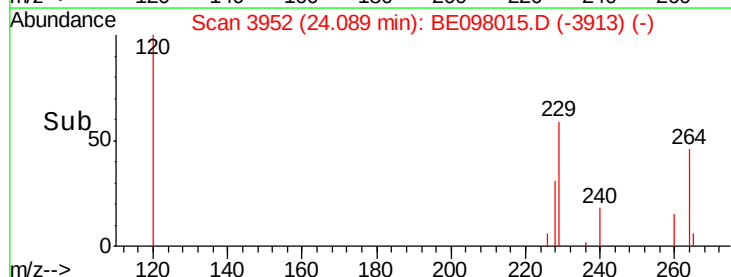
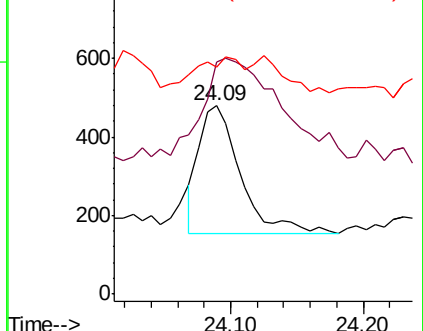
125 120.5 8.3 12.5#

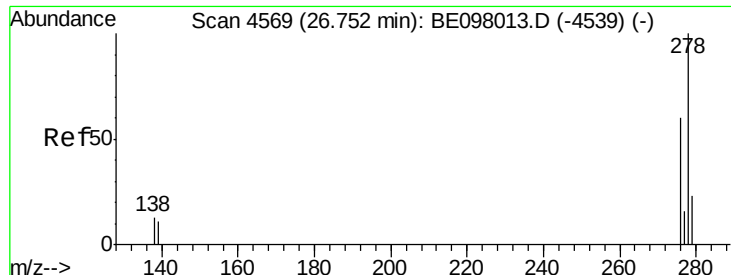


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.022 ng/ul

RT: 27.02 min Scan# 4643

Delta R.T. 0.27 min

Lab File: BE098015.D

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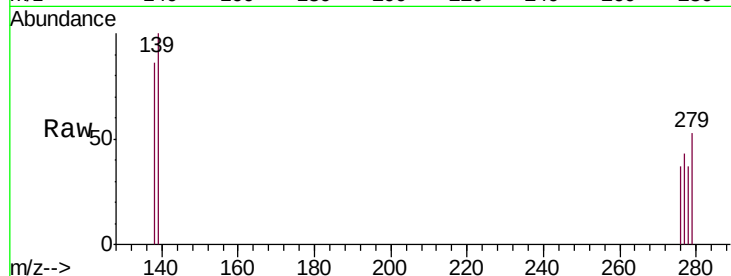
Tgt Ion: 278 Resp: 11

Ion Ratio Lower Upper

278 100

139 267.0 10.9 16.3#

279 140.4 18.8 28.2#

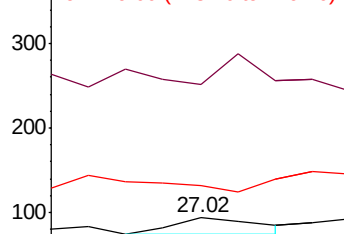


Abundance

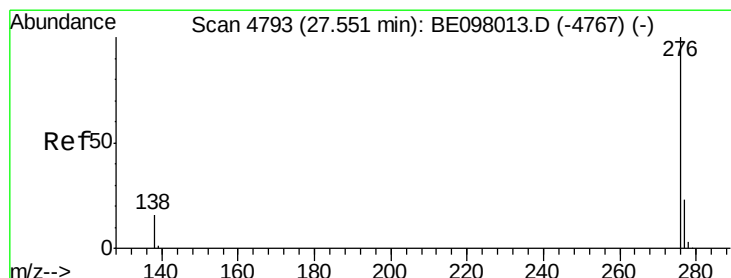
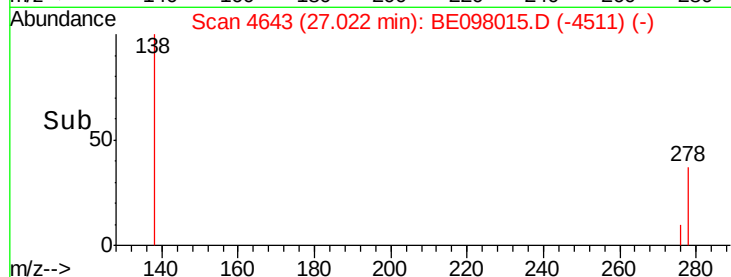
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.147 ng/ul

RT: 27.85 min Scan# 4875

Delta R.T. 0.30 min

Lab File: BE098015.D

Acq: 22 Oct 2018 18:44

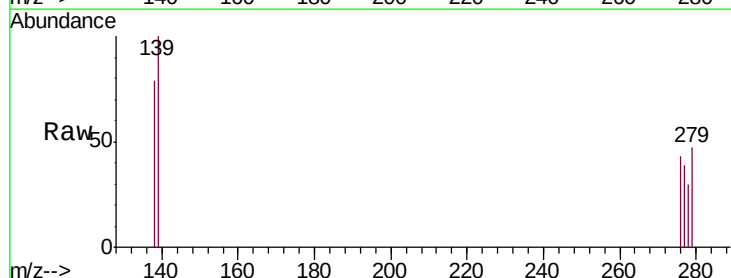
Tgt Ion: 276 Resp: 84

Ion Ratio Lower Upper

276 100

138 183.1 14.3 21.5#

277 90.7 19.5 29.3#

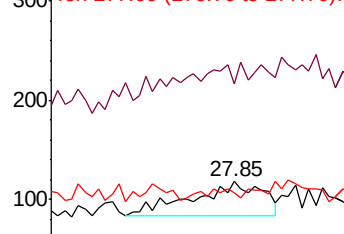


Abundance

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



Time-->

