

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097874.D
 Acq On : 12 Oct 2018 1:28
 Operator : SJ/JU
 Sample : J5183-05DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 04:59:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 04:56:57 2018
 Response via : Initial Calibration

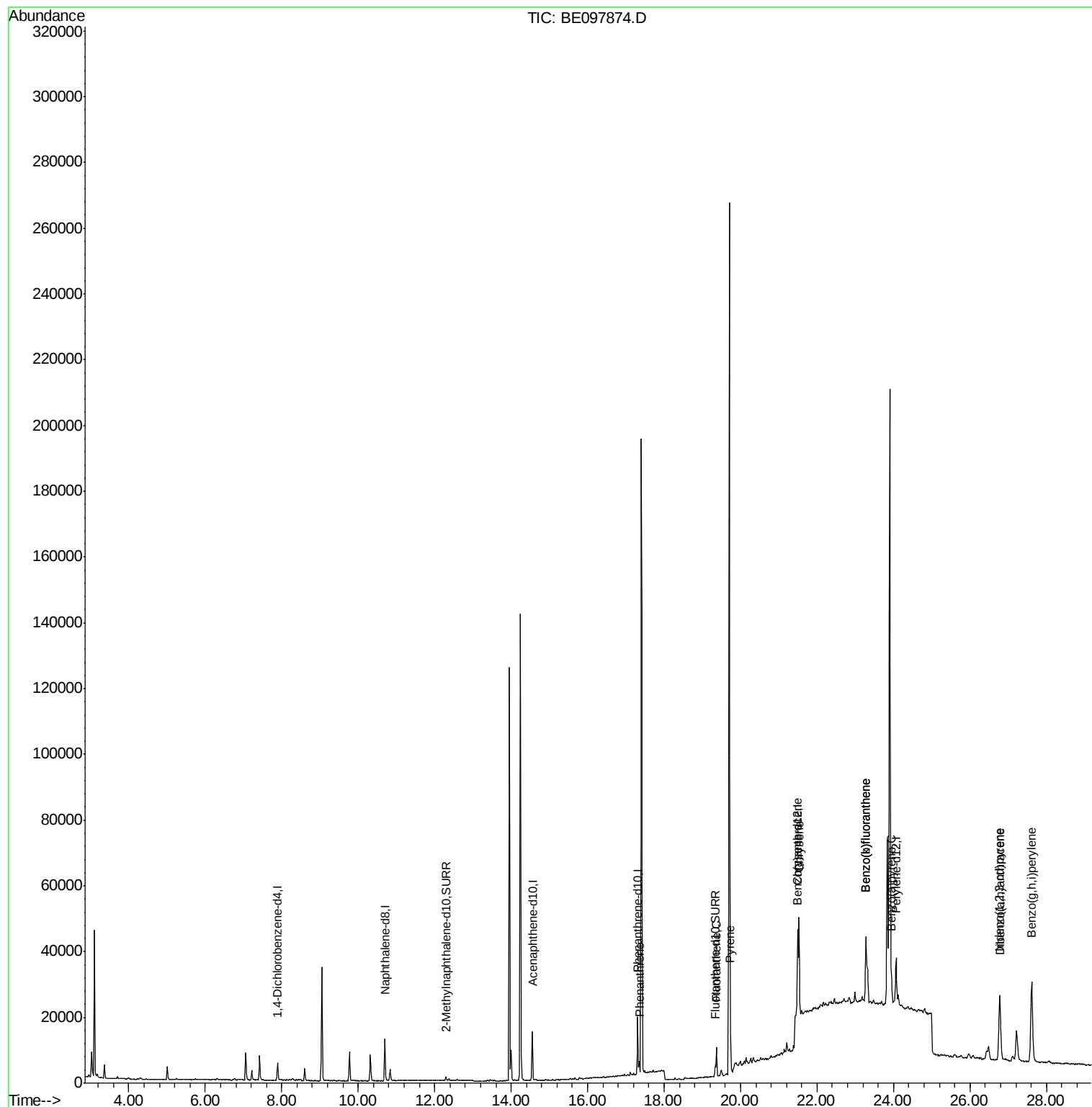
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2590	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13171	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	8912	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	21340	0.40	ng/ul	0.00
16) Chrysene-d12	21.49	240	22202	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	22628	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1377	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	3989	0.06	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.35	178	4442	0.088	ng/ul#	83
15) Fluoranthene	19.37	202	10394	0.160	ng/ul	94
17) Pyrene	19.73	202	19836	0.300	ng/ul	96
18) Benzo(a)anthracene	21.48	228	7477	0.111	ng/ul#	57
19) Chrysene	21.53	228	38841	0.644	ng/ul#	87
21) Benzo(b)fluoranthene	23.28	252	48463	0.801	ng/ul#	42
22) Benzo(k)fluoranthene	23.28	252	48463	0.749	ng/ul#	36
23) Benzo(a)pyrene	23.95	252	11163	0.188	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.78	276	40885	0.607	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.79	278	8539	0.153	ng/ul#	1
26) Benzo(g,h,i)perylene	27.61	276	59597	1.015	ng/ul#	88

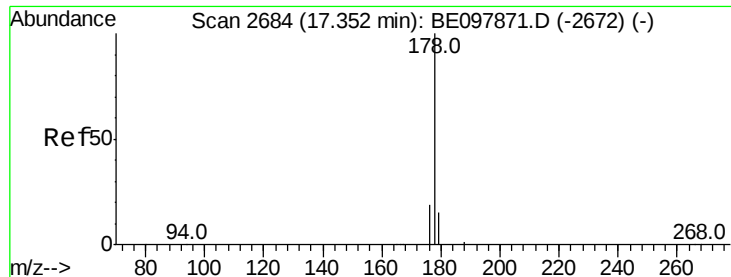
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.088 ng/ul

RT: 17.35 min Scan# 2684

Delta R.T. -0.00 min

Lab File: BE097874.D

Acq: 12 Oct 2018 1:28

Instrument :

BNA_E

ClientSampleId :

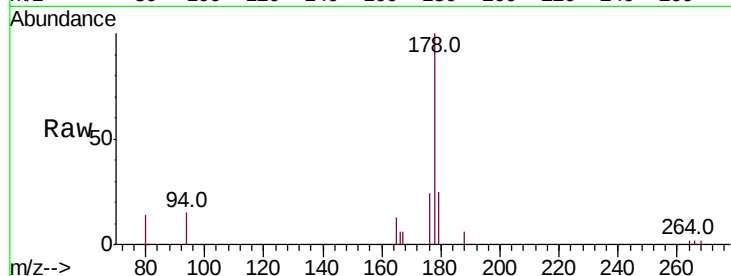
Tot Ion:178 Resp: 4442

Ion Ratio Lower Upper

178 100

179 25.1 12.8 19.2#

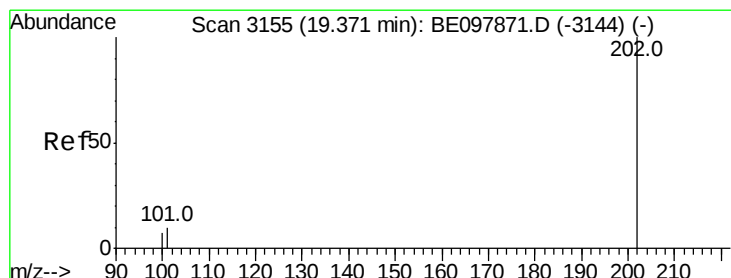
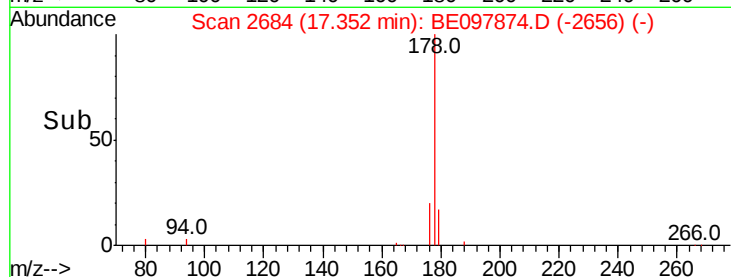
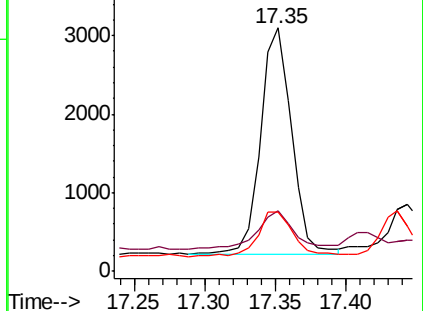
176 24.5 14.9 22.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.160 ng/ul

RT: 19.37 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BE097874.D

Acq: 12 Oct 2018 1:28

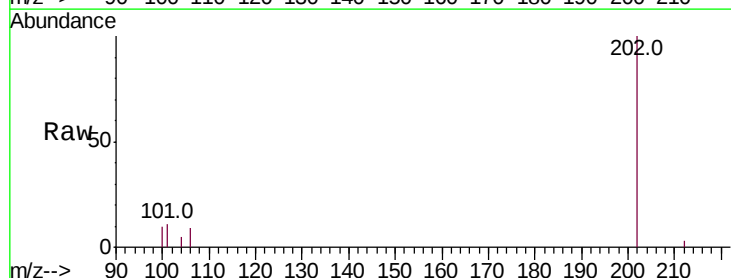
Tgt Ion:202 Resp: 10394

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.3

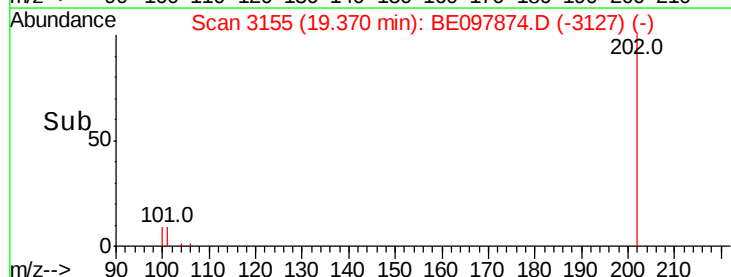
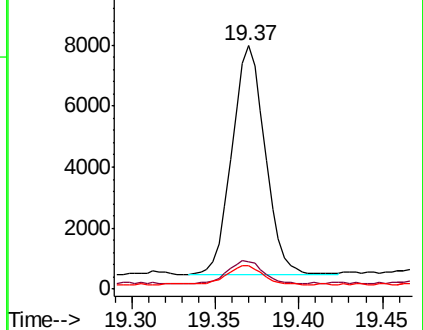
100 9.9 0.0 27.5

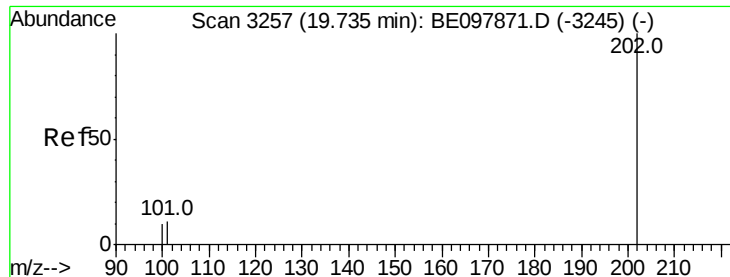


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

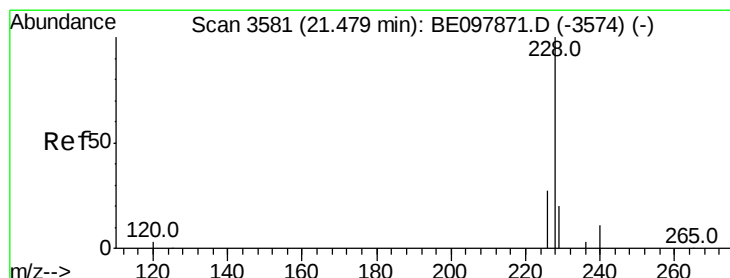
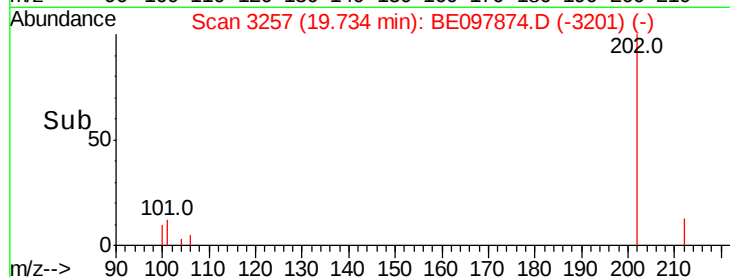
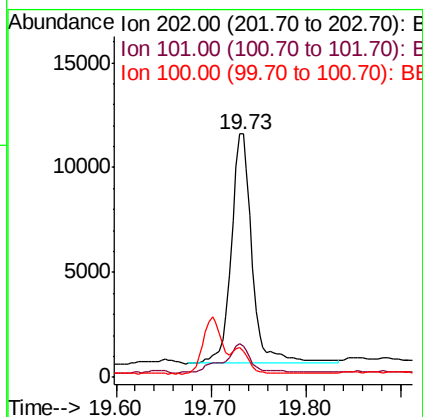
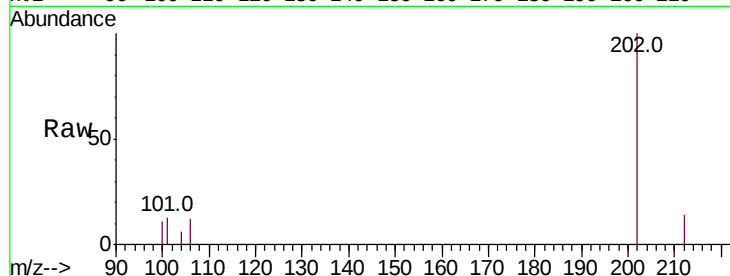




#17
Pvrene
Concen: 0.300 ng/ul
RT: 19.73 min Scan# 3257
Delta R.T. -0.00 min
Lab File: BE097874.D
Acq: 12 Oct 2018 1:28

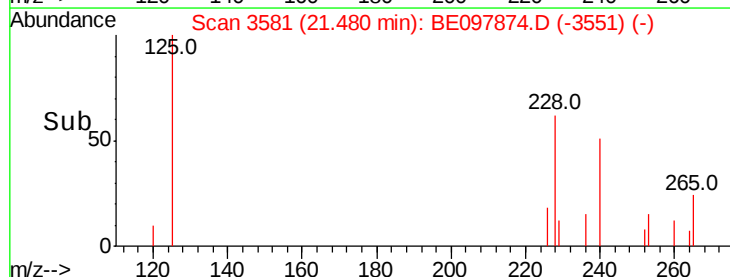
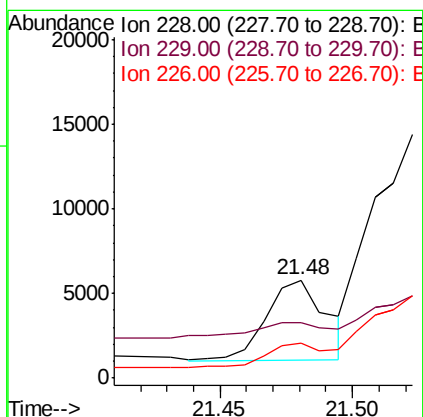
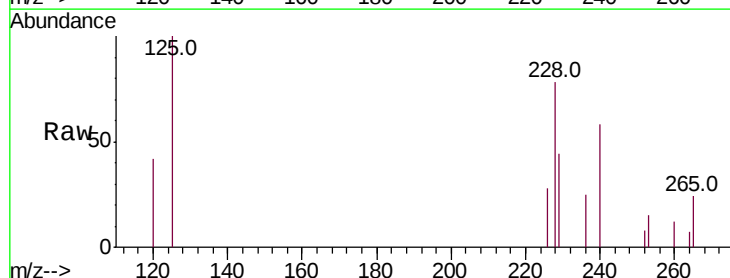
Instrument :
BNA_E
ClientSampleId :

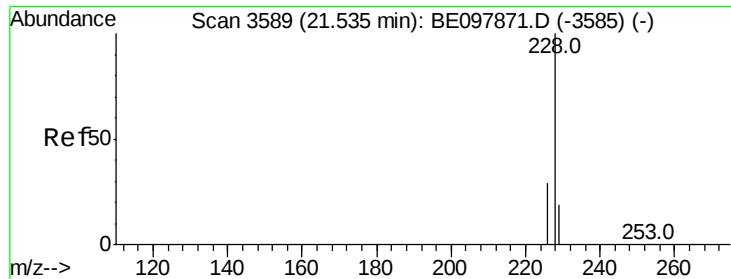
Tot Ion:202 Resp: 19836
Ion Ratio Lower Upper
202 100
101 12.9 8.8 13.2
100 10.8 7.9 11.9



#18
Benzo(a)anthracene
Concen: 0.111 ng/ul
RT: 21.48 min Scan# 3581
Delta R.T. 0.00 min
Lab File: BE097874.D
Acq: 12 Oct 2018 1:28

Tgt Ion:228 Resp: 7477
Ion Ratio Lower Upper
228 100
229 56.8 16.4 24.6#
226 35.3 21.5 32.3#





#19

Chrysene

Concen: 0.644 ng/ul

RT: 21.53 min Scan# 3588

Delta R.T. -0.01 min

Lab File: BE097874.D

Acq: 12 Oct 2018 1:28

Instrument :

BNA_E

ClientSampleId :

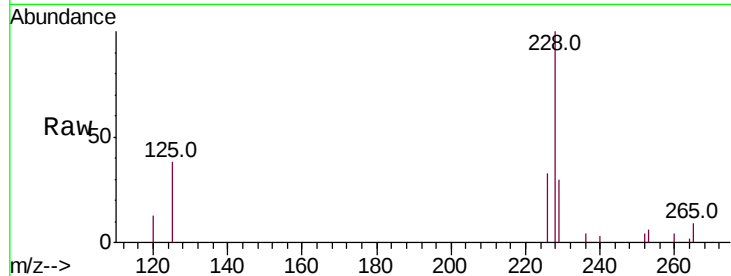
Tot Ion:228 Resp: 38841

Ion Ratio Lower Upper

228 100

226 32.5 23.0 34.4

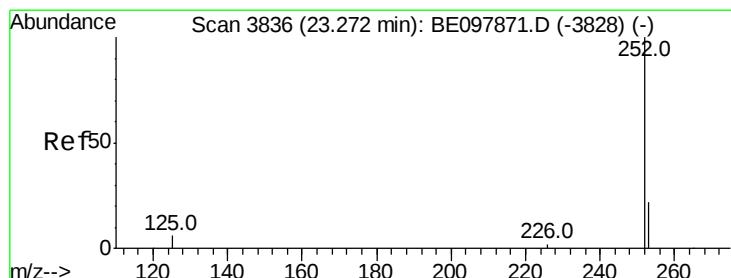
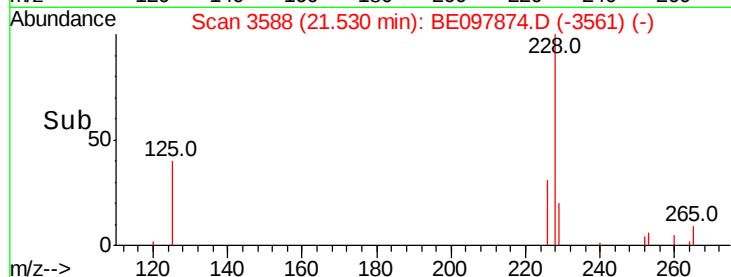
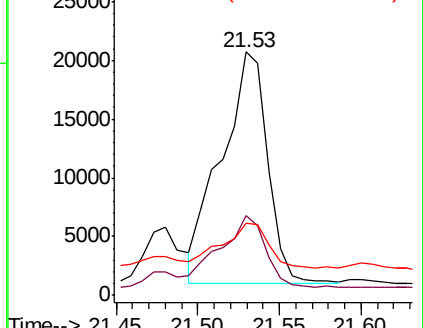
229 29.6 15.5 23.3#



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: 0.801 ng/ul

RT: 23.28 min Scan# 3837

Delta R.T. 0.01 min

Lab File: BE097874.D

Acq: 12 Oct 2018 1:28

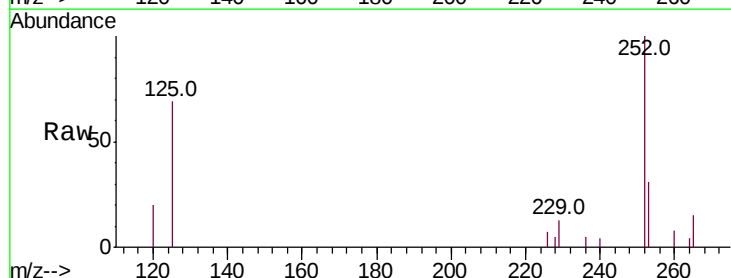
Tgt Ion:252 Resp: 48463

Ion Ratio Lower Upper

252 100

253 31.2 0.0 47.0

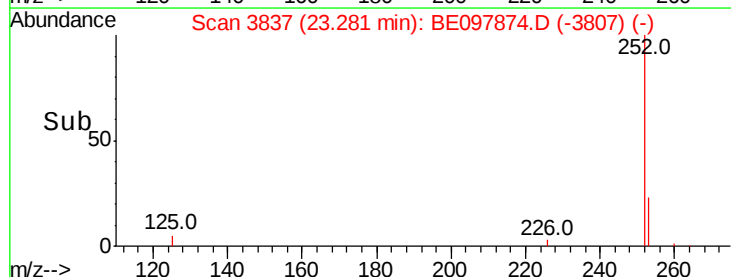
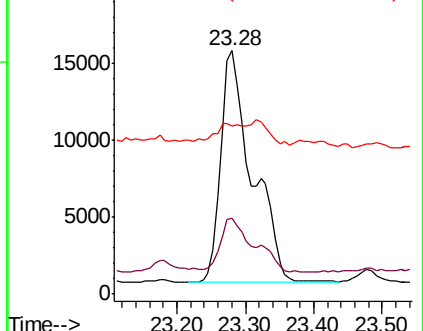
125 69.1 0.0 18.2#

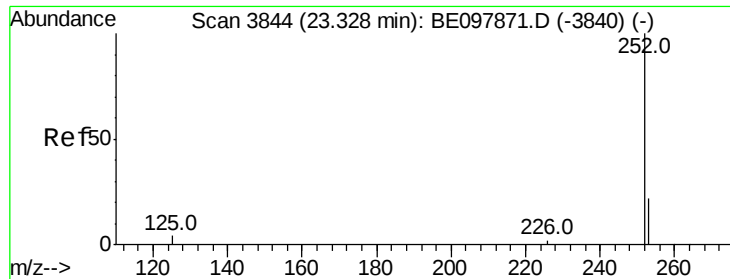


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.749 ng/ul

RT: 23.28 min Scan# 3837

Delta R.T. -0.05 min

Lab File: BE097874.D

Acq: 12 Oct 2018 1:28

Instrument :

BNA_E

ClientSampleId :

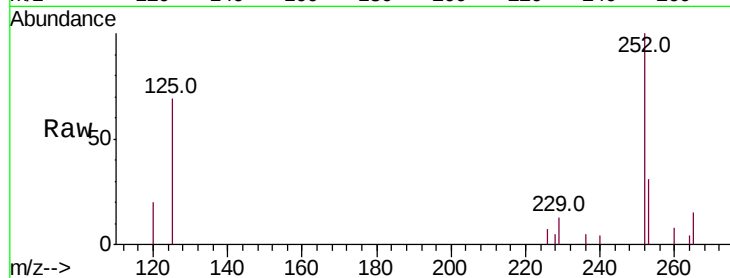
Tot Ion:252 Resp: 48463

Ion Ratio Lower Upper

252 100

253 31.2 17.8 26.6#

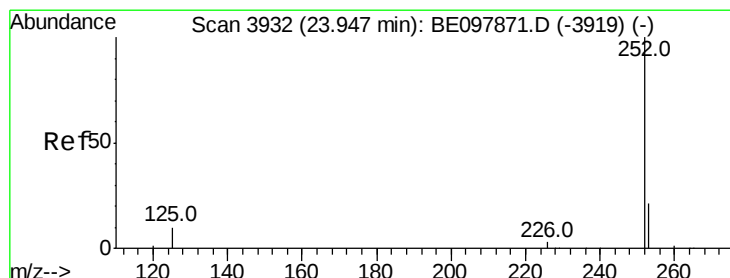
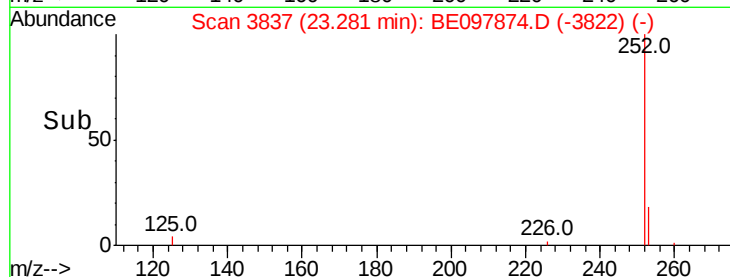
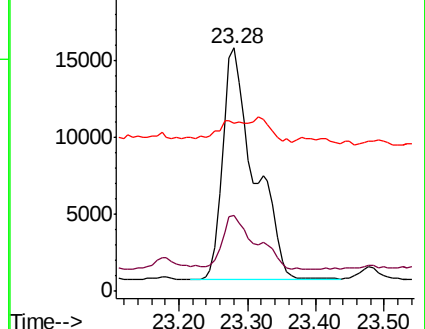
125 69.1 9.4 14.0#



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: 0.188 ng/ul

RT: 23.95 min Scan# 3932

Delta R.T. 0.00 min

Lab File: BE097874.D

Acq: 12 Oct 2018 1:28

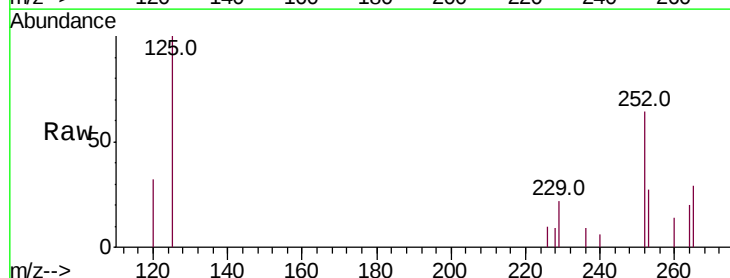
Tgt Ion:252 Resp: 11163

Ion Ratio Lower Upper

252 100

253 41.8 18.2 27.4#

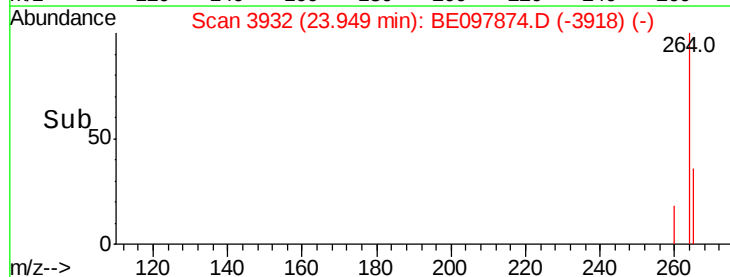
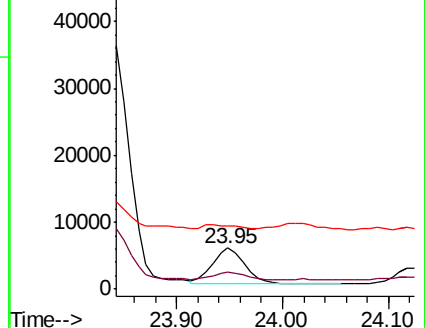
125 155.4 8.3 12.5#

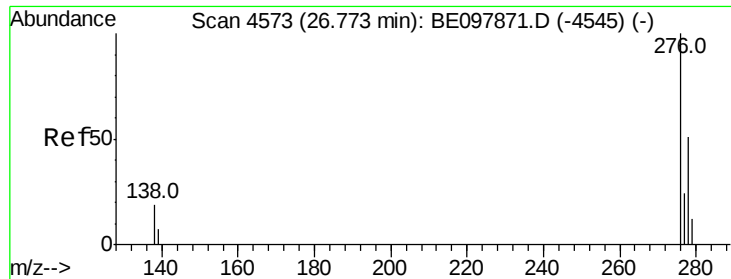


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

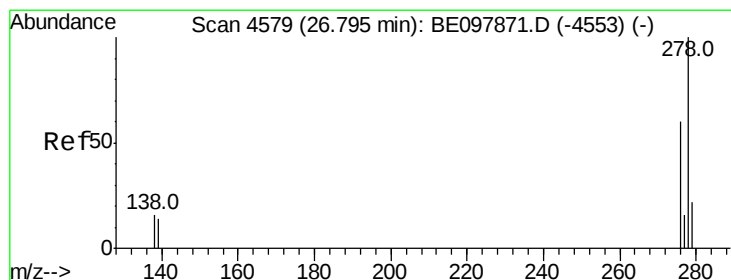
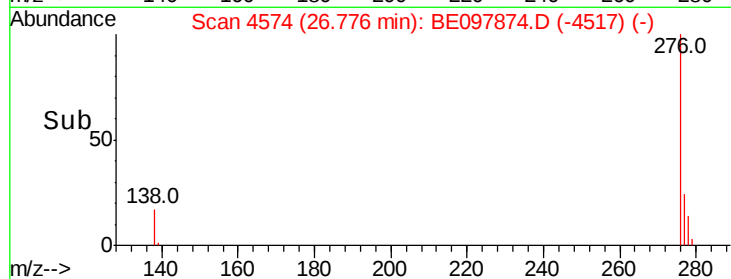
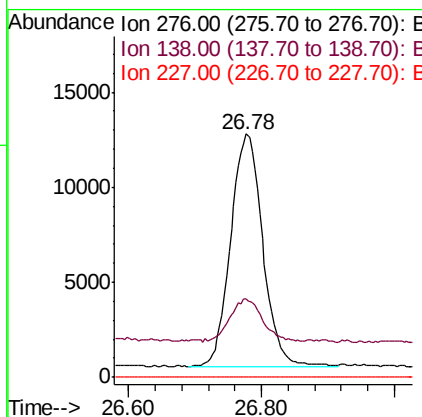
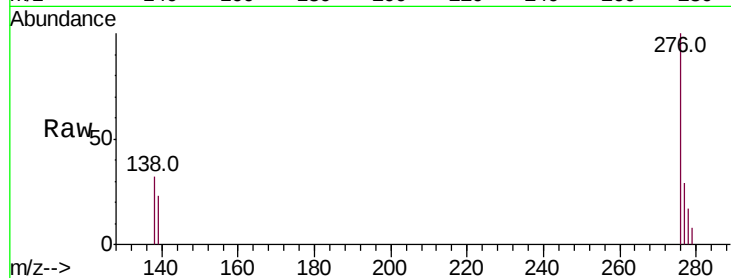




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.607 ng/ul
 RT: 26.78 min Scan# 4574
 Delta R.T. 0.00 min
 Lab File: BE097874.D
 Acq: 12 Oct 2018 1:28

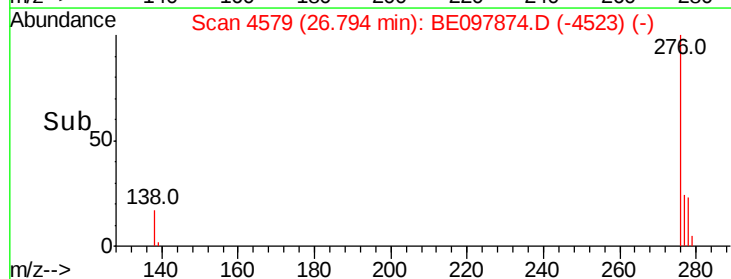
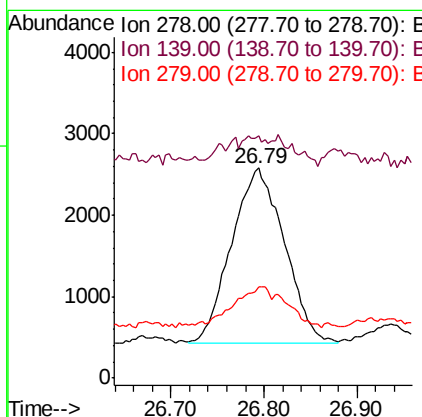
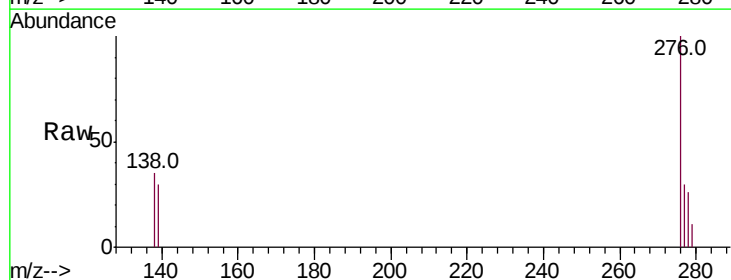
Instrument :
 BNA_E
 ClientSampleId :

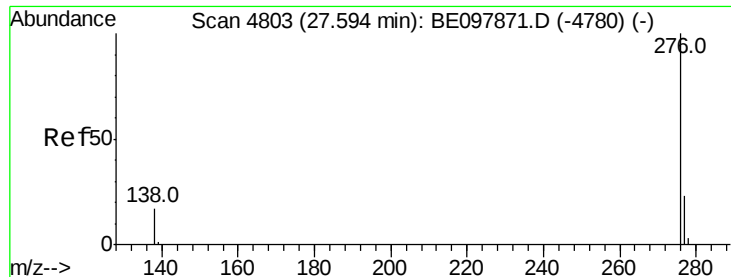
Tot Ion:276 Resp: 40885
 Ion Ratio Lower Upper
 276 100
 138 19.5 0.0 0.0#
 227 0.0 0.0 0.0



#25
 Dibenzo(a,h)anthracene
 Concen: 0.153 ng/ul
 RT: 26.79 min Scan# 4579
 Delta R.T. -0.00 min
 Lab File: BE097874.D
 Acq: 12 Oct 2018 1:28

Tgt Ion:278 Resp: 8539
 Ion Ratio Lower Upper
 278 100
 139 115.4 10.9 16.3#
 279 43.4 18.8 28.2#





#26

Benzo(a,h,i)perylene

Concen: 1.015 ng/ul

RT: 27.61 min Scan# 4809

Delta R.T. 0.02 min

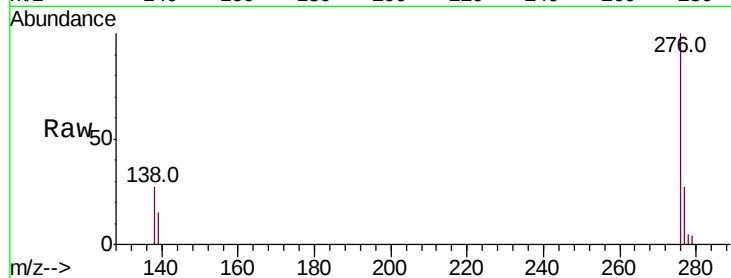
Lab File: BE097874.D

Acq: 12 Oct 2018 1:28

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	59597
Ion Ratio	Lower	Upper	
276	100		
138	27.4	14.3	21.5#
277	26.8	19.5	29.3

