

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097449.D
 Acq On : 12 Sep 2018 11:35
 Operator : SJ/JU
 Sample : J4792-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 01:17:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:16:50 2018
 Response via : Initial Calibration

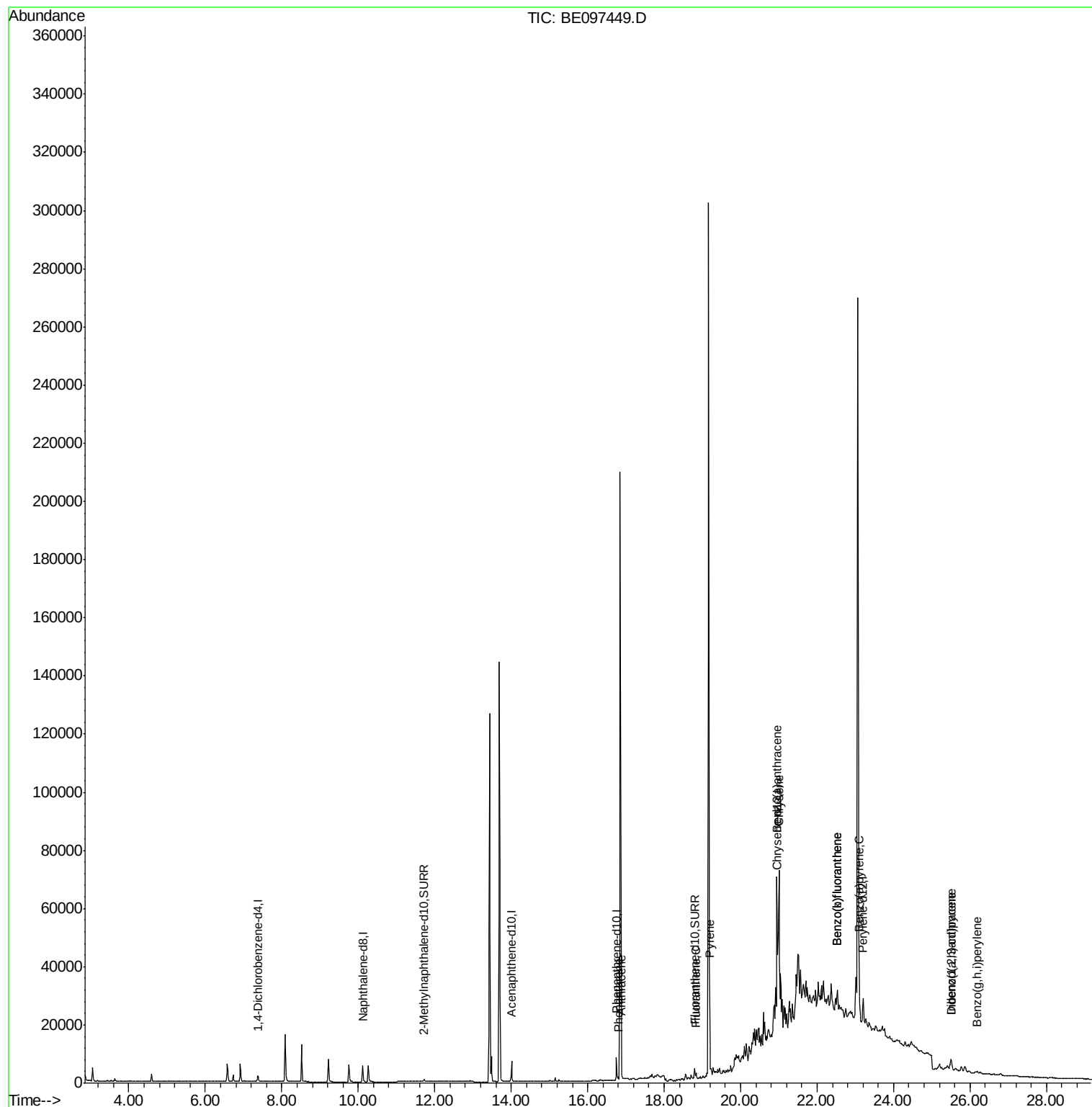
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1021	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5588	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3810	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9609	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11239	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	13428	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1128	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	4100	0.13	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.80	178	1272	0.051	ng/ul#	87
13) Anthracene	16.89	178	544	0.026	ng/ul#	54
15) Fluoranthene	18.84	202	3019	0.095	ng/ul	81
17) Pyrene	19.20	202	16740	0.553	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	40568	1.405	ng/ul#	77
19) Chrysene	21.01	228	57462	1.727	ng/ul#	76
21) Benzo(b)fluoranthene	22.53	252	14794	0.411	ng/ul#	24
22) Benzo(k)fluoranthene	22.53	252	14794	0.369	ng/ul#	20
23) Benzo(a)pyrene	23.10	252	10751	0.323	ng/ul#	28
24) Indeno(1,2,3-cd)pyrene	25.50	276	2703	0.063	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.51	278	5890	0.161	ng/ul#	26
26) Benzo(g,h,i)perylene	26.20	276	2468	0.067	ng/ul#	31

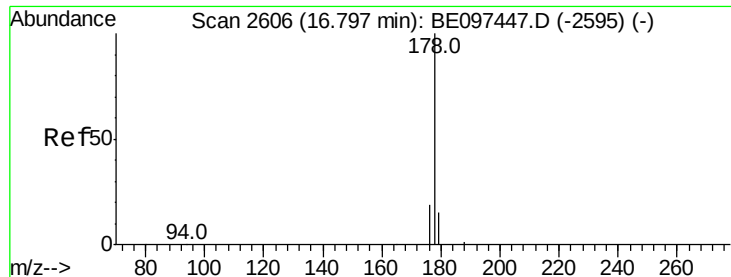
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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#12

Phenanthrene

Concen: 0.051 ng/ul

RT: 16.80 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

Instrument :

BNA_E

ClientSampled :

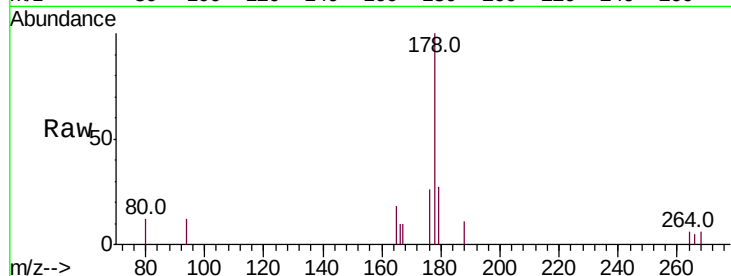
Tot Ion:178 Resp: 1272

Ion Ratio Lower Upper

178 100

179 26.9 18.4 27.6

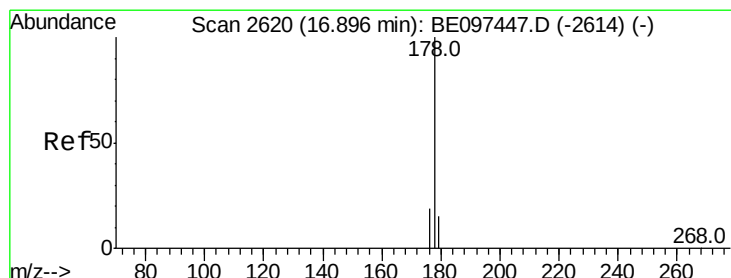
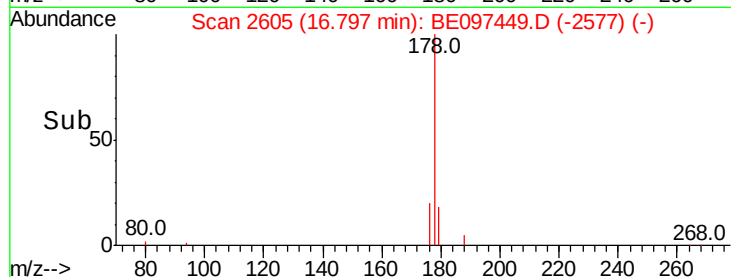
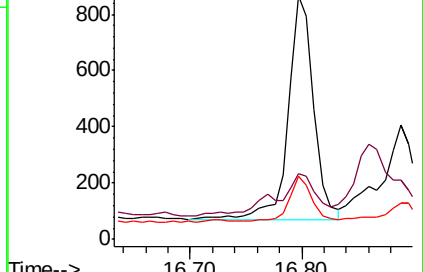
176 25.8 13.6 20.4#



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



#13

Anthracene

Concen: 0.026 ng/ul

RT: 16.89 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

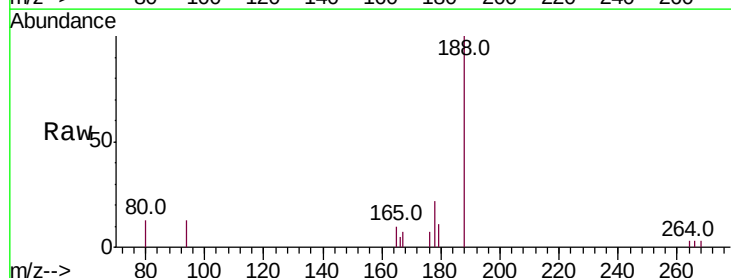
Tgt Ion:178 Resp: 544

Ion Ratio Lower Upper

178 100

179 51.5 18.1 27.1#

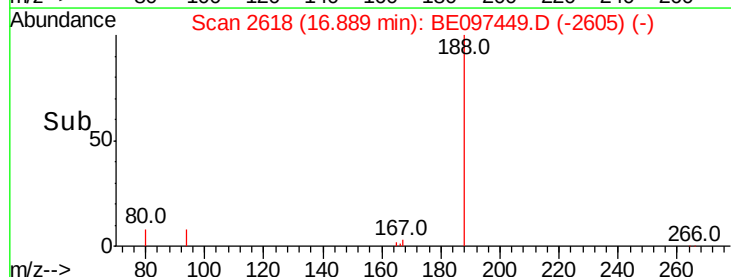
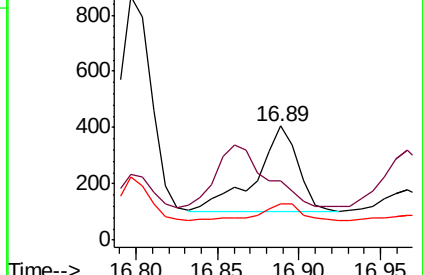
176 31.3 14.7 22.1#

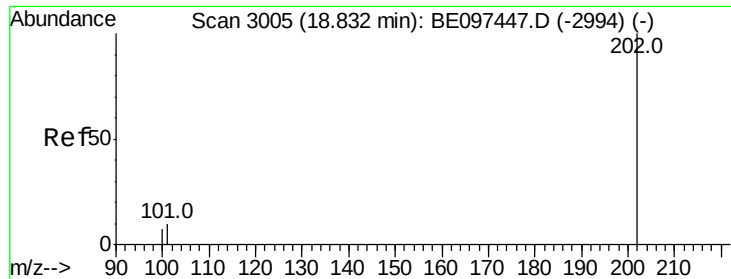


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

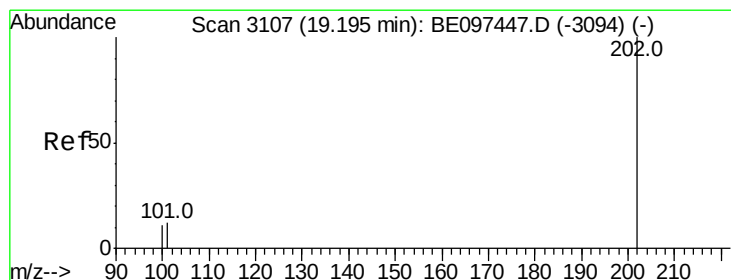
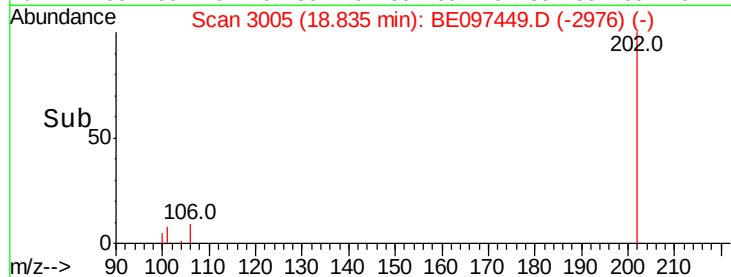
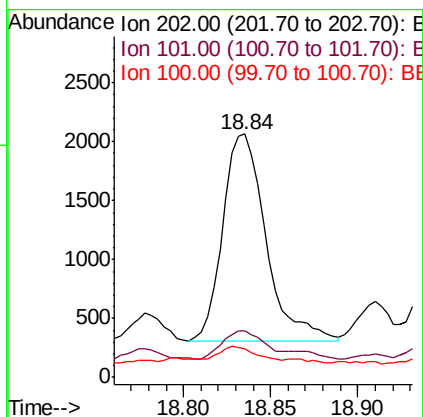
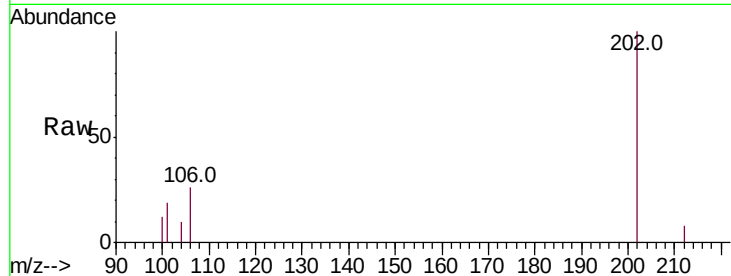




#15
Fluoranthene
Concen: 0.095 ng/ul
RT: 18.84 min Scan# 3005
Delta R.T. 0.00 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

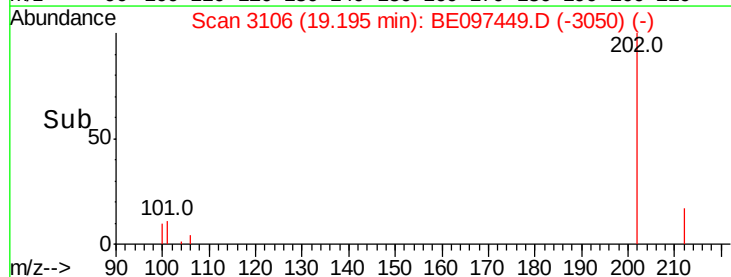
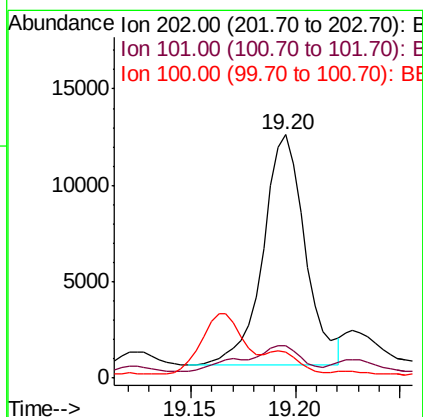
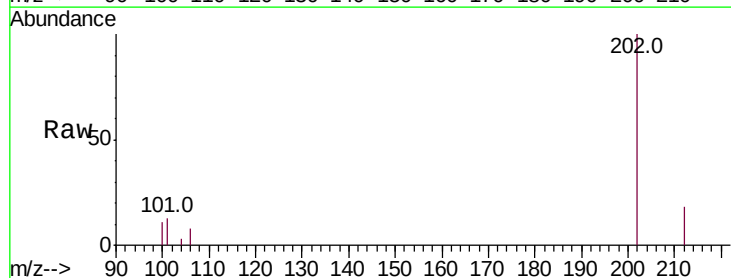
Instrument :
BNA_E
ClientSampleId :

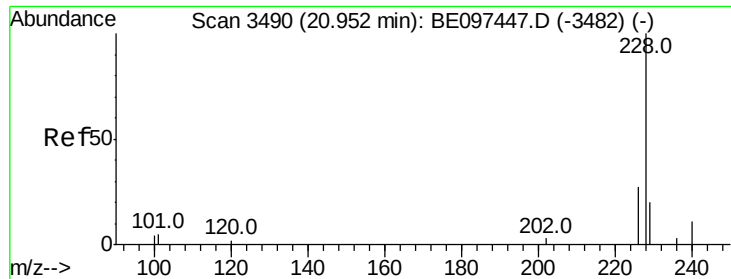
Tot Ion	Ratio	Lower	Upper
202	100		
101	19.0	0.0	30.3
100	11.7	0.0	39.5



#17
Pyrene
Concen: 0.553 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	10.8	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 1.405 ng/ul

RT: 20.95 min Scan# 3489

Delta R.T. 0.00 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

Instrument :

BNA_E

ClientSampleId :

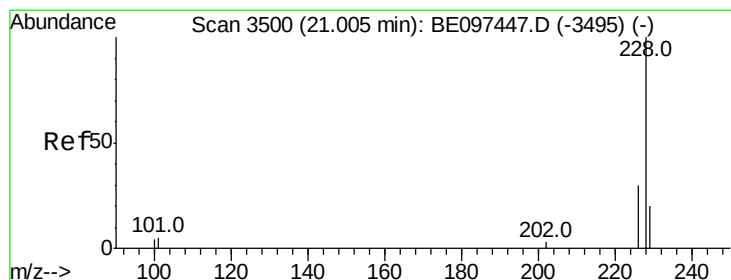
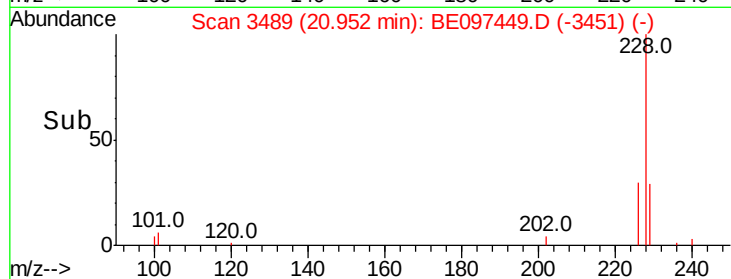
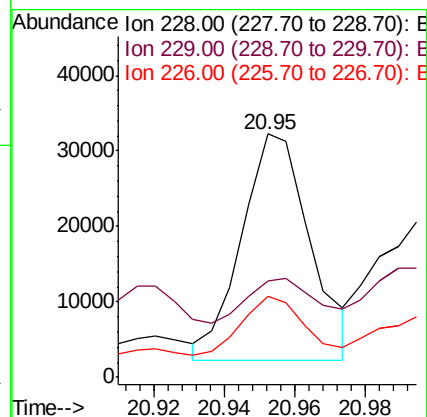
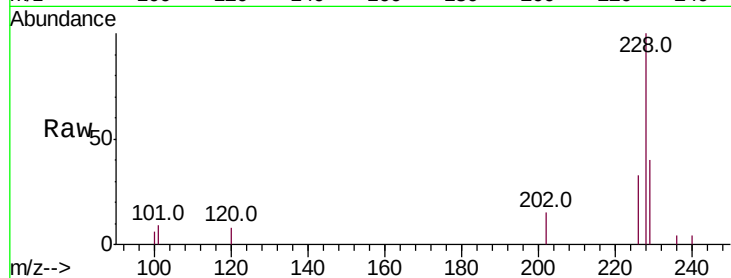
Tot Ion:228 Resp: 40568

Ion Ratio Lower Upper

228 100

229 39.6 22.8 34.2#

226 33.4 17.0 25.6#



#19

Chrysene

Concen: 1.727 ng/ul

RT: 21.01 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

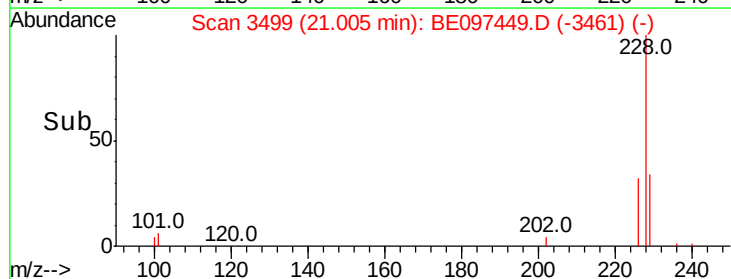
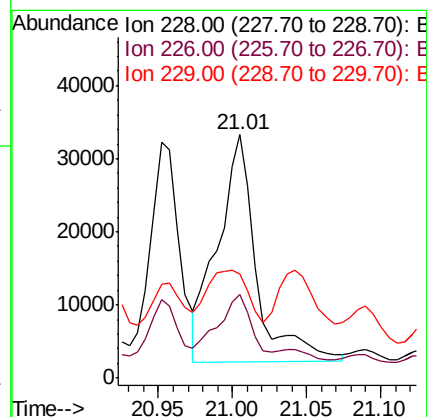
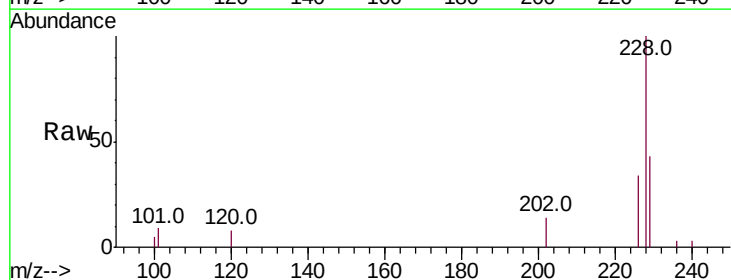
Tgt Ion:228 Resp: 57462

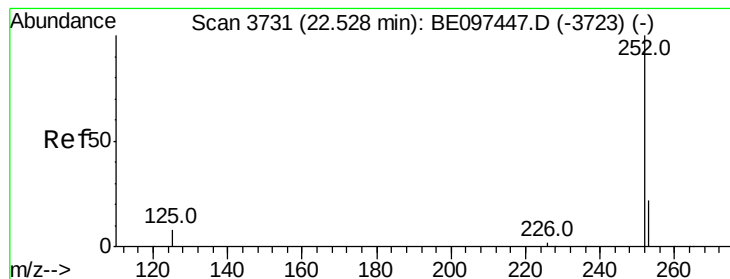
Ion Ratio Lower Upper

228 100

226 34.4 23.4 35.0

229 42.6 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.411 ng/ul

RT: 22.53 min Scan# 3730

Delta R.T. 0.00 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

Instrument :

BNA_E

ClientSampleId :

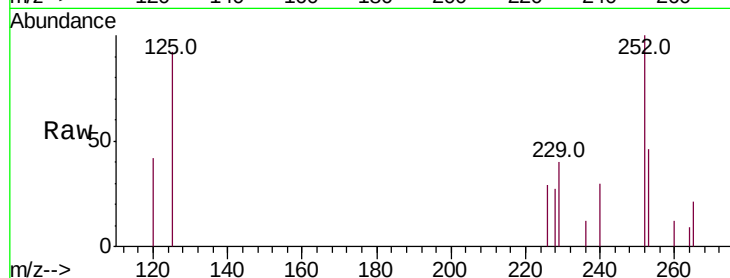
Tot Ion:252 Resp: 14794

Ion Ratio Lower Upper

252 100

253 46.1 0.0 64.2

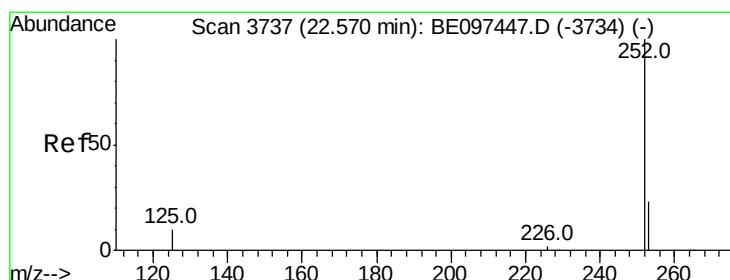
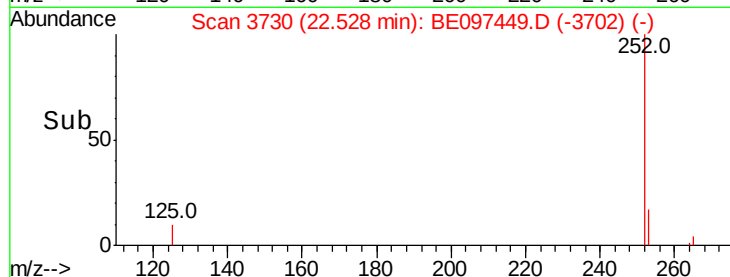
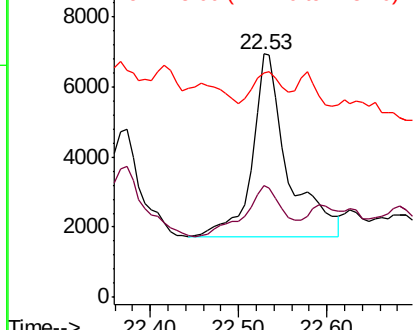
125 92.1 0.0 35.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.369 ng/ul

RT: 22.53 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

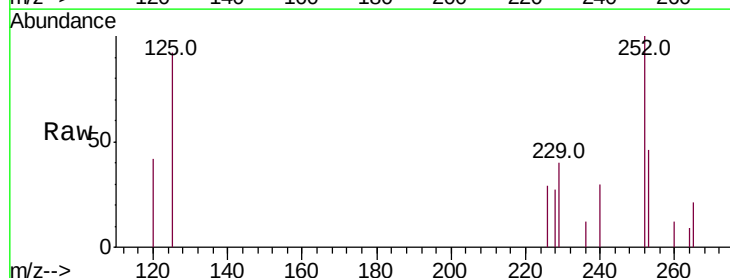
Tgt Ion:252 Resp: 14794

Ion Ratio Lower Upper

252 100

253 46.1 24.5 36.7#

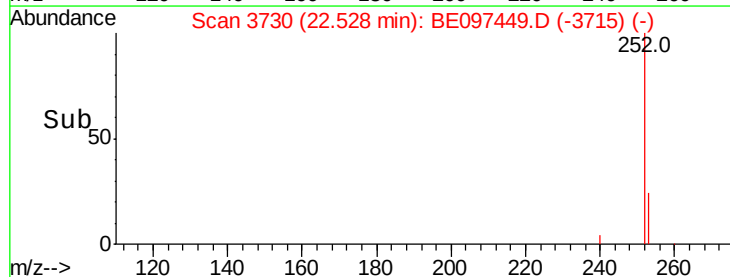
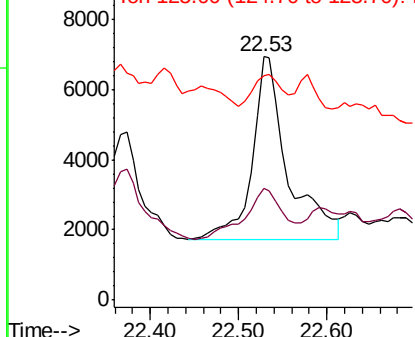
125 92.1 13.7 20.5#

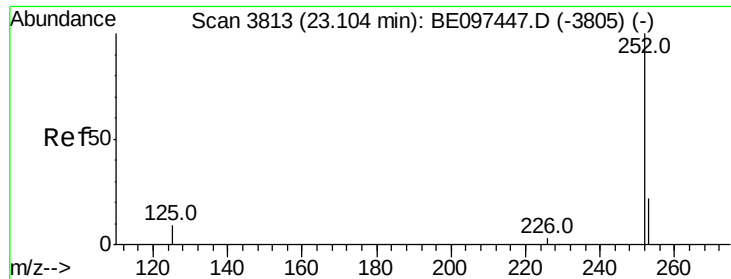


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.323 ng/ul

RT: 23.10 min Scan# 3812

Delta R.T. 0.00 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

Instrument :

BNA_E

ClientSampleId :

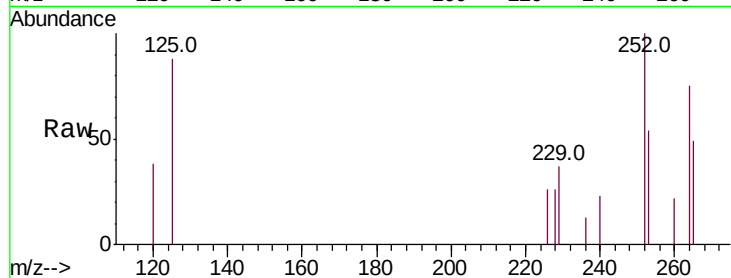
Tot Ion:252 Resp: 10751

Ion Ratio Lower Upper

252 100

253 54.2 28.5 42.7#

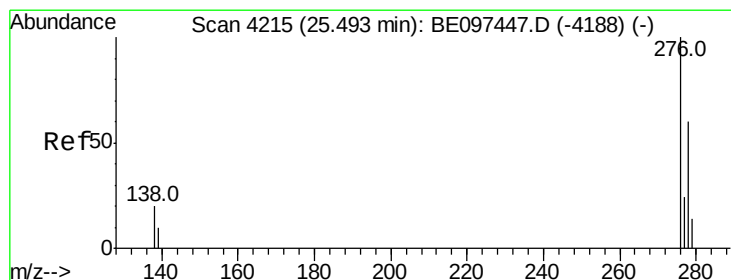
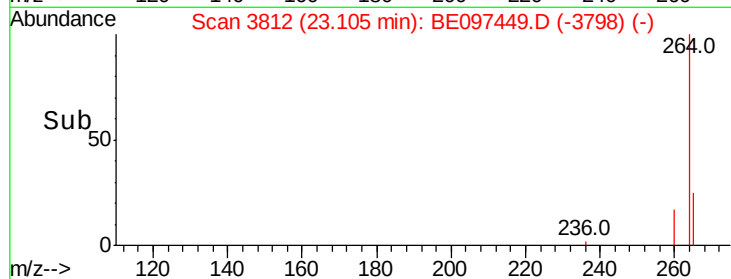
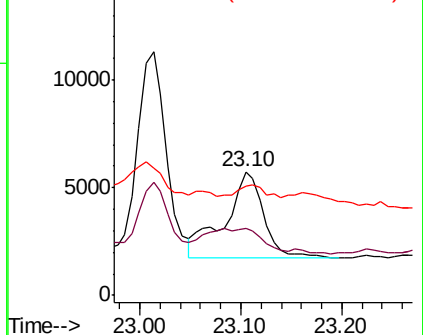
125 88.3 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.063 ng/ul

RT: 25.50 min Scan# 4216

Delta R.T. 0.01 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

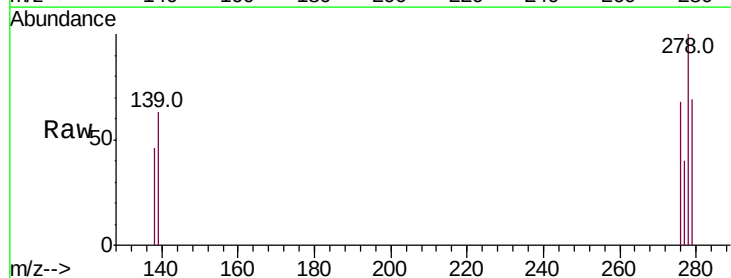
Tgt Ion:276 Resp: 2703

Ion Ratio Lower Upper

276 100

138 32.9 28.0 42.0

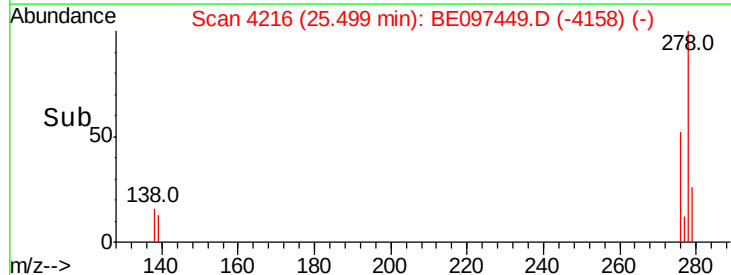
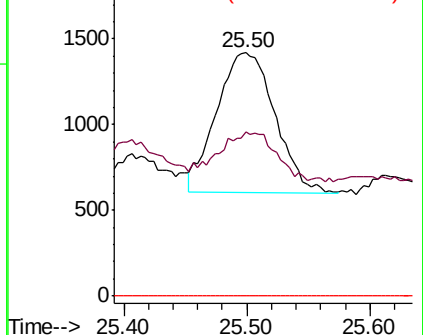
227 0.0 8.0 12.0#

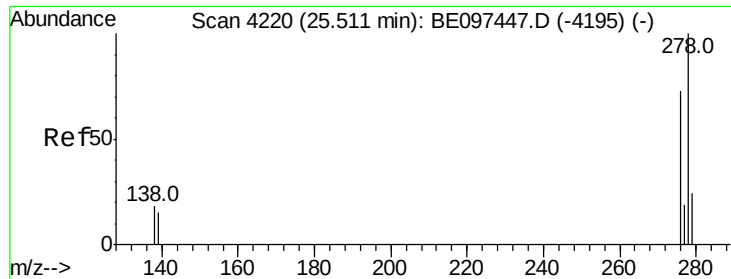


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.161 ng/ul

RT: 25.51 min Scan# 4219

Delta R.T. -0.00 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

Instrument :

BNA_E

ClientSampleId :

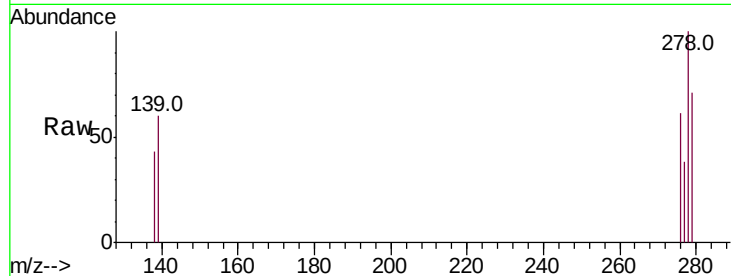
Tot Ion:278 Resp: 5890

Ion Ratio Lower Upper

278 100

139 59.9 17.4 26.0#

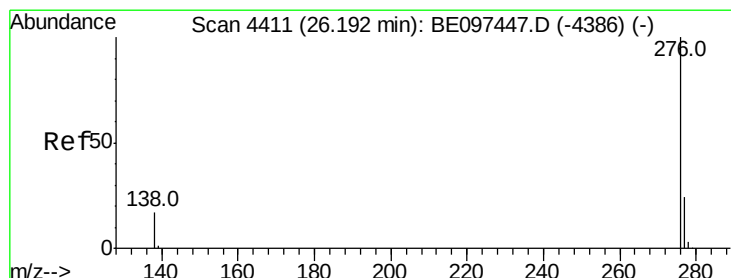
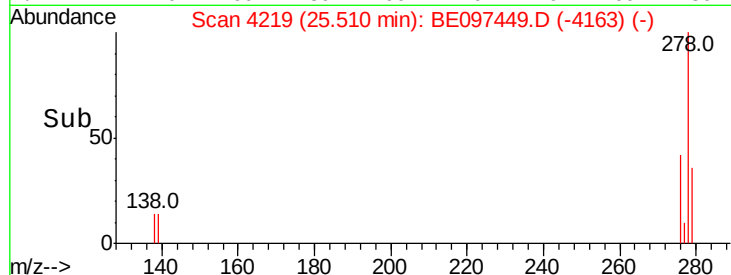
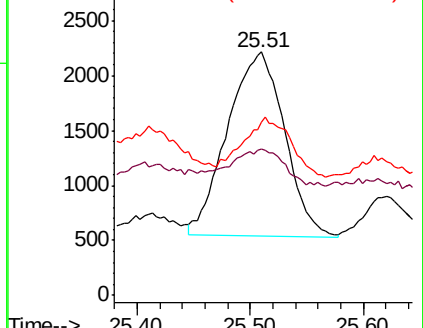
279 71.3 25.9 38.9#



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: 0.067 ng/ul

RT: 26.20 min Scan# 4412

Delta R.T. 0.01 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

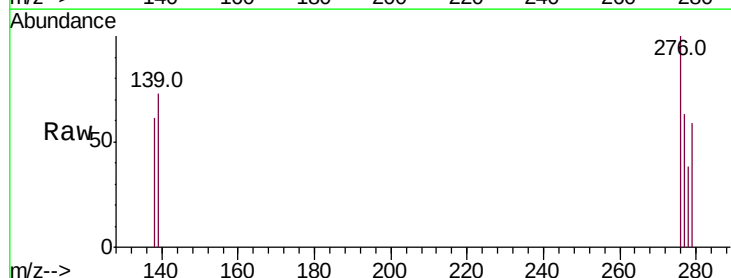
Tgt Ion:276 Resp: 2468

Ion Ratio Lower Upper

276 100

138 60.6 21.8 32.8#

277 63.2 20.5 30.7#



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

