

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097463.D
 Acq On : 12 Sep 2018 22:44
 Operator : SJ/JU
 Sample : J4792-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 01:53:36 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 01:51:24 2018
 Response via : Initial Calibration

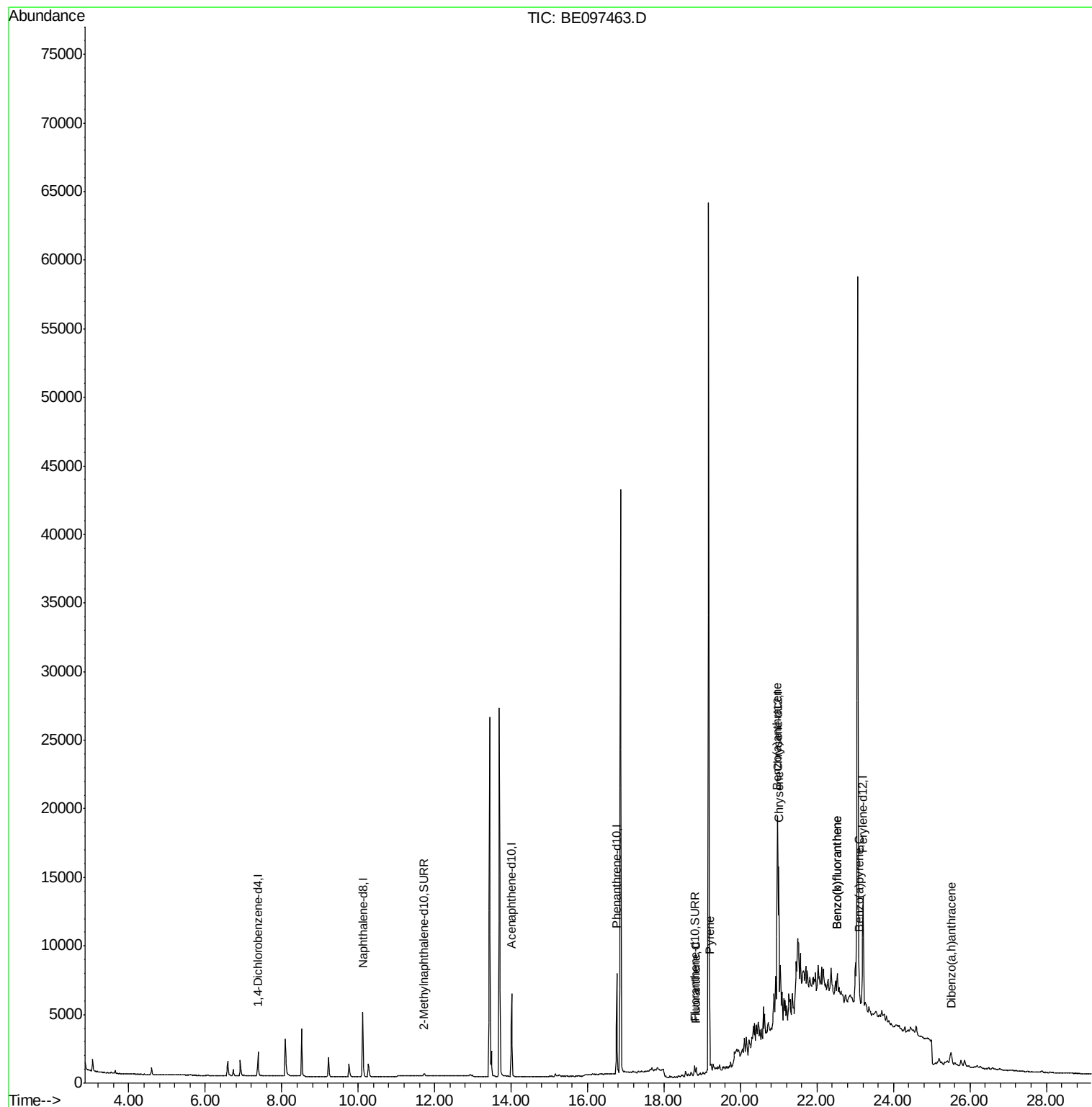
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	910	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5021	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3399	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8871	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10420	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	11075	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	237	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	846	0.03	ng/ul	0.00
Target Compounds				Ovalue		
15) Fluoranthene	18.83	202	727	0.025	ng/ul	85
17) Pyrene	19.20	202	3570	0.127	ng/ul#	86
18) Benzo(a)anthracene	20.95	228	8050	0.301	ng/ul#	77
19) Chrysene	21.00	228	12191	0.395	ng/ul#	73
21) Benzo(b)fluoranthene	22.53	252	3142	0.106	ng/ul#	13
22) Benzo(k)fluoranthene	22.53	252	3142	0.095	ng/ul#	9
23) Benzo(a)pyrene	23.10	252	1790	0.065	ng/ul#	15
25) Dibenzo(a,h)anthracene	25.51	278	1301	0.043	ng/ul#	1

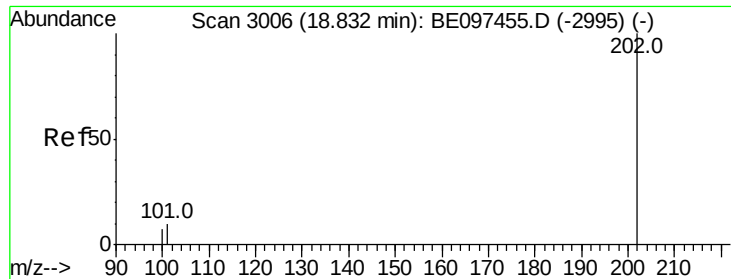
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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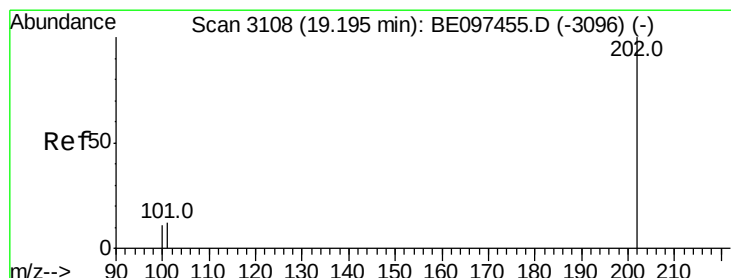
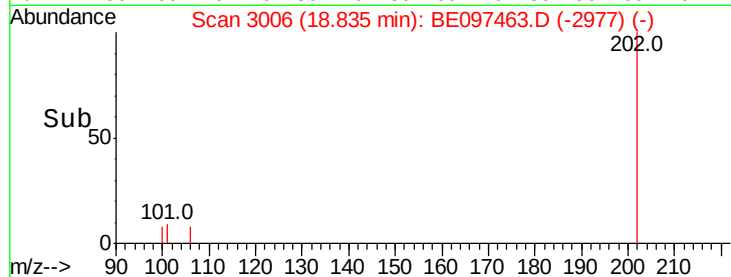
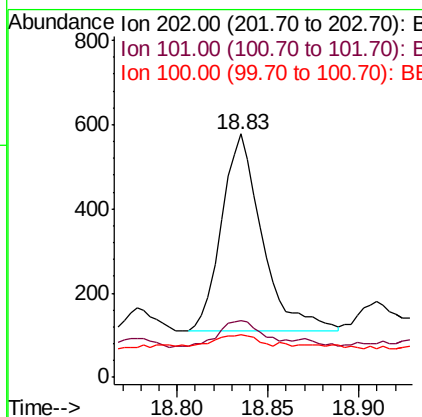
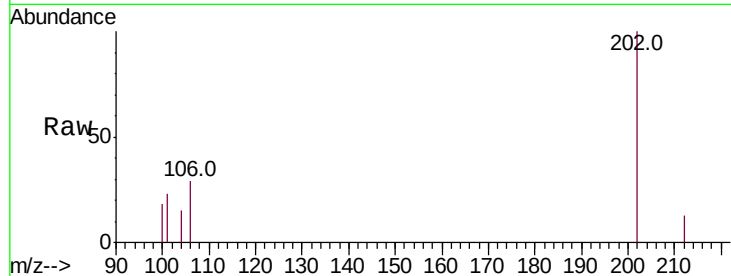




#15
 Fluoranthene
 Concen: 0.025 ng/ul
 RT: 18.83 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: BE097463.D
 Acq: 12 Sep 2018 22:44

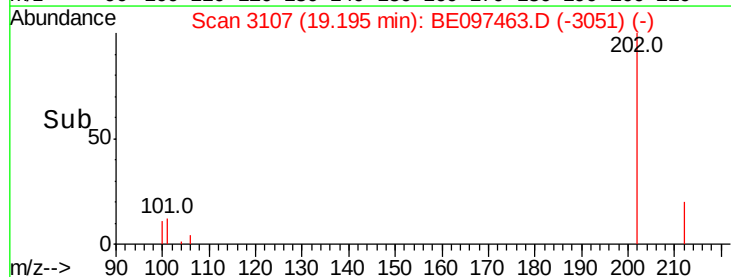
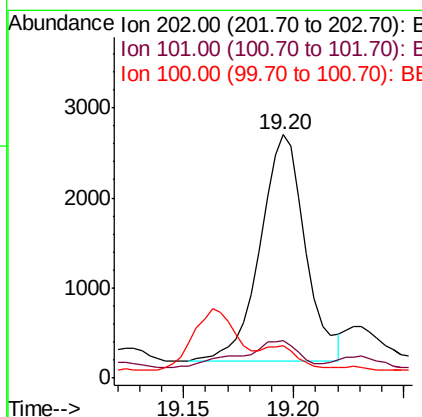
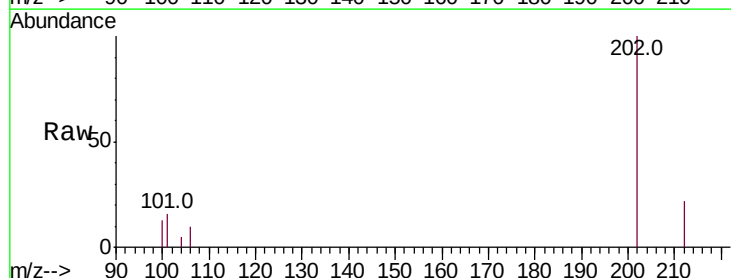
Instrument :
 BNA_E
 ClientSampleId :

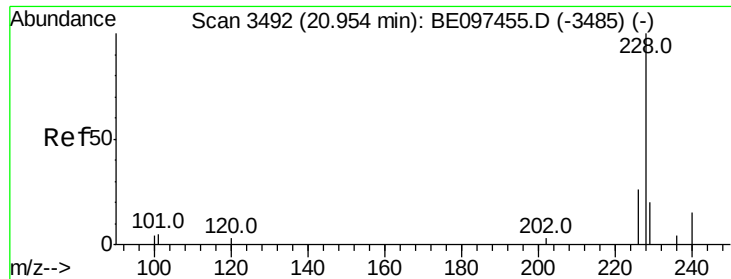
Tot Ion:	202	Resp:	727
Ion	Ratio	Lower	Upper
202	100		
101	23.4	0.0	30.3
100	17.8	0.0	39.5



#17
 Pyrene
 Concen: 0.127 ng/ul
 RT: 19.20 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: BE097463.D
 Acq: 12 Sep 2018 22:44

Tgt Ion:	202	Resp:	3570
Ion	Ratio	Lower	Upper
202	100		
101	15.5	18.2	27.4#
100	13.5	15.6	23.4#

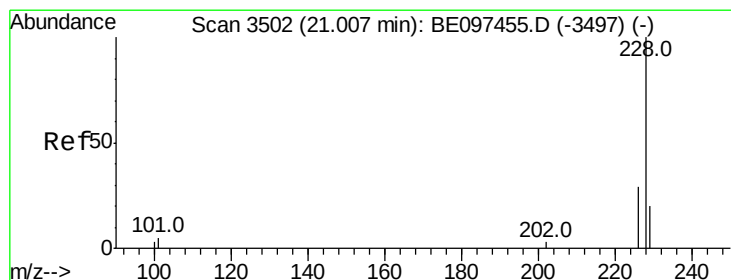
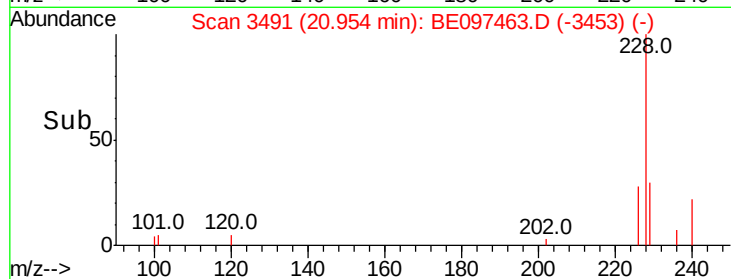
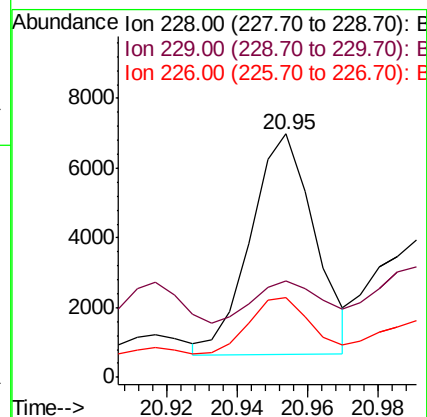
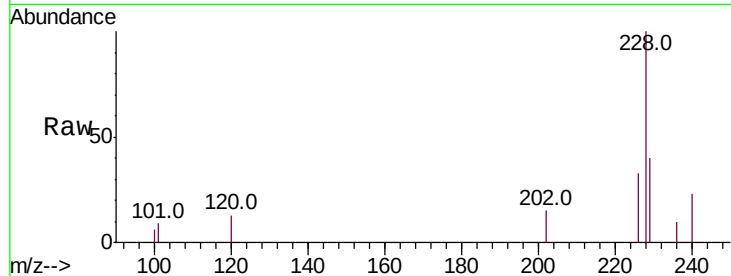




#18
Benzo(a)anthracene
Concen: 0.301 ng/ul
RT: 20.95 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097463.D
Acq: 12 Sep 2018 22:44

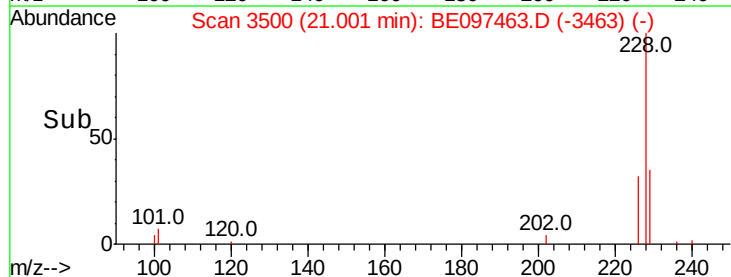
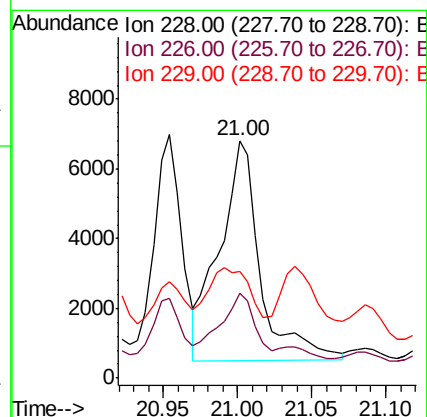
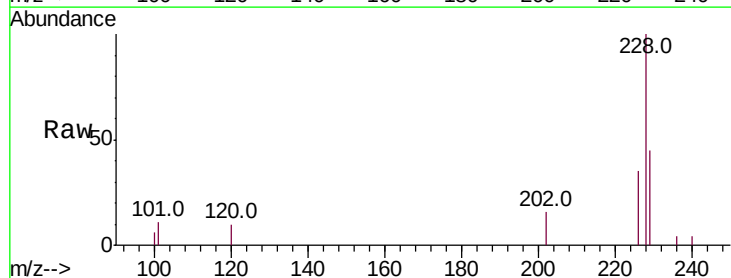
Instrument :
BNA_E
ClientSampled :

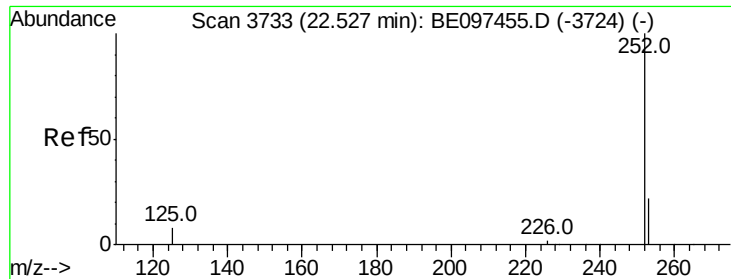
Tot Ion:228 Resp: 8050
Ion Ratio Lower Upper
228 100
229 39.8 22.8 34.2#
226 32.7 17.0 25.6#



#19
Chrysene
Concen: 0.395 ng/ul
RT: 21.00 min Scan# 3500
Delta R.T. -0.01 min
Lab File: BE097463.D
Acq: 12 Sep 2018 22:44

Tgt Ion:228 Resp: 12191
Ion Ratio Lower Upper
228 100
226 35.4 23.4 35.0#
229 44.7 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.106 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE097463.D

Acq: 12 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

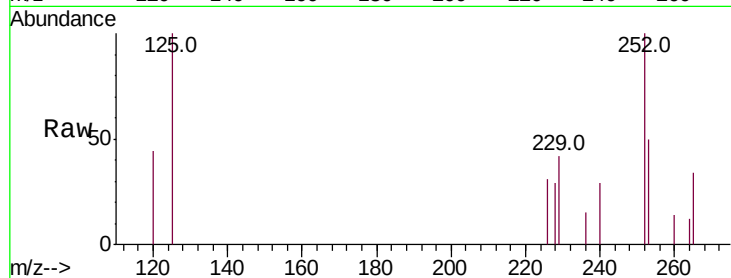
Tot Ion:252 Resp: 3142

Ion Ratio Lower Upper

252 100

253 49.8 0.0 64.2

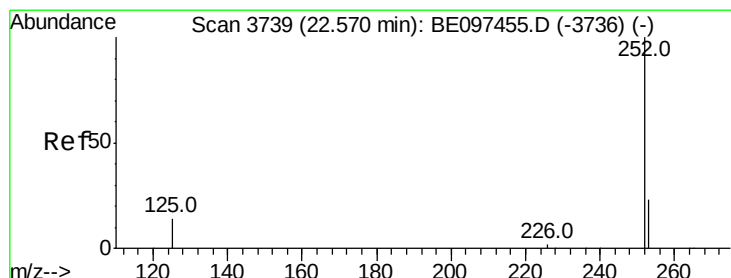
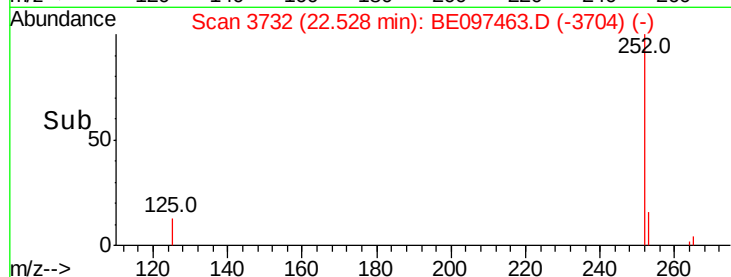
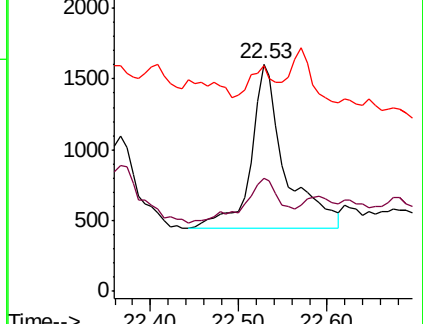
125 99.6 0.0 35.0#



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: 0.095 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. -0.04 min

Lab File: BE097463.D

Acq: 12 Sep 2018 22:44

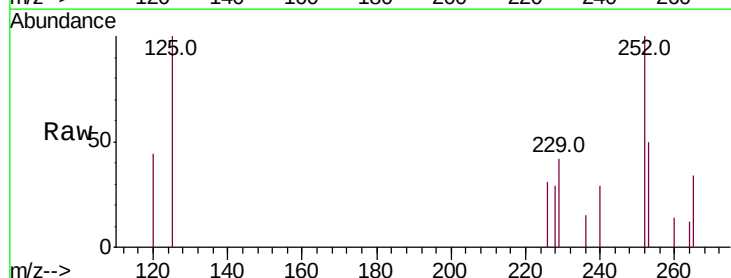
Tgt Ion:252 Resp: 3142

Ion Ratio Lower Upper

252 100

253 49.8 24.5 36.7#

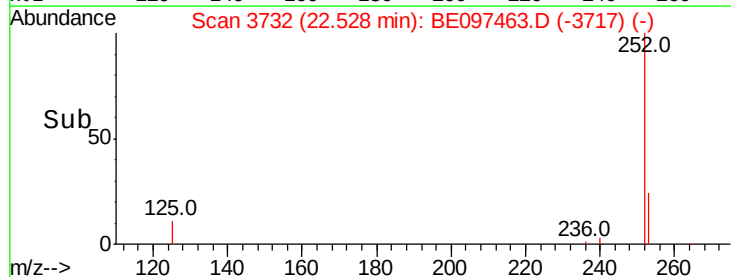
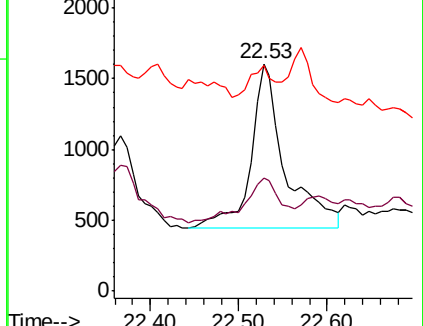
125 99.6 13.7 20.5#

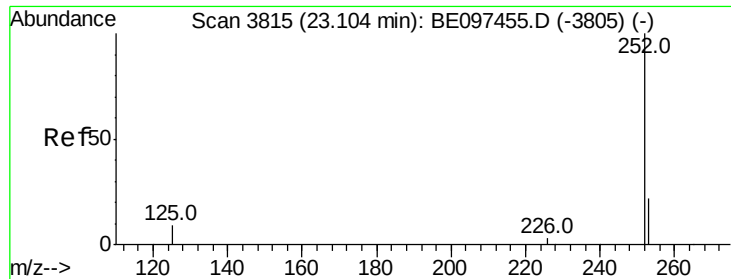


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.065 ng/ul

RT: 23.10 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BE097463.D

Acq: 12 Sep 2018 22:44

Instrument :

BNA_E

ClientSampled :

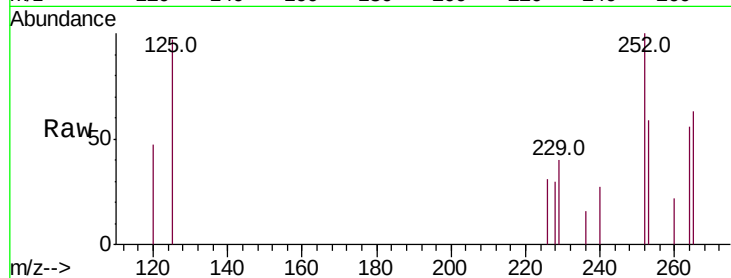
Tot Ion:252 Resp: 1790

Ion Ratio Lower Upper

252 100

253 59.1 28.5 42.7#

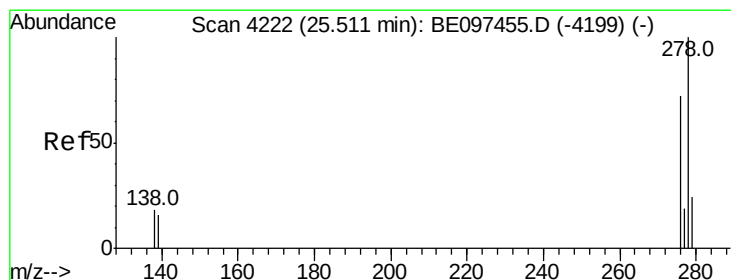
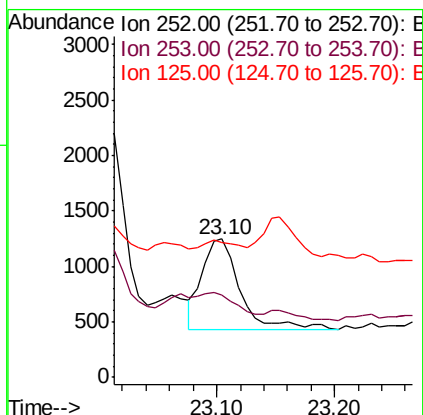
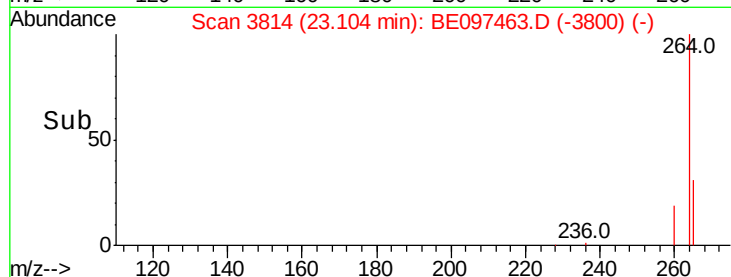
125 97.3 18.1 27.1#



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



#25

Dibenzo(a,h)anthracene

Concen: 0.043 ng/ul

RT: 25.51 min Scan# 4221

Delta R.T. 0.00 min

Lab File: BE097463.D

Acq: 12 Sep 2018 22:44

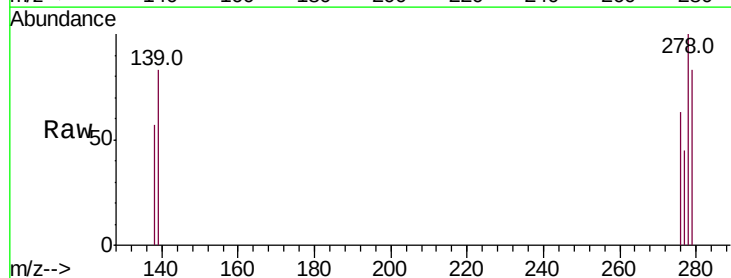
Tgt Ion:278 Resp: 1301

Ion Ratio Lower Upper

278 100

139 83.1 17.4 26.0#

279 82.9 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

