

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
 Data File : BE094487.D
 Acq On : 20 Oct 2017 22:44
 Operator : SJ/JU
 Sample : I5840-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 22 02:48:50 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 17:51:02 2017
 Response via : Initial Calibration

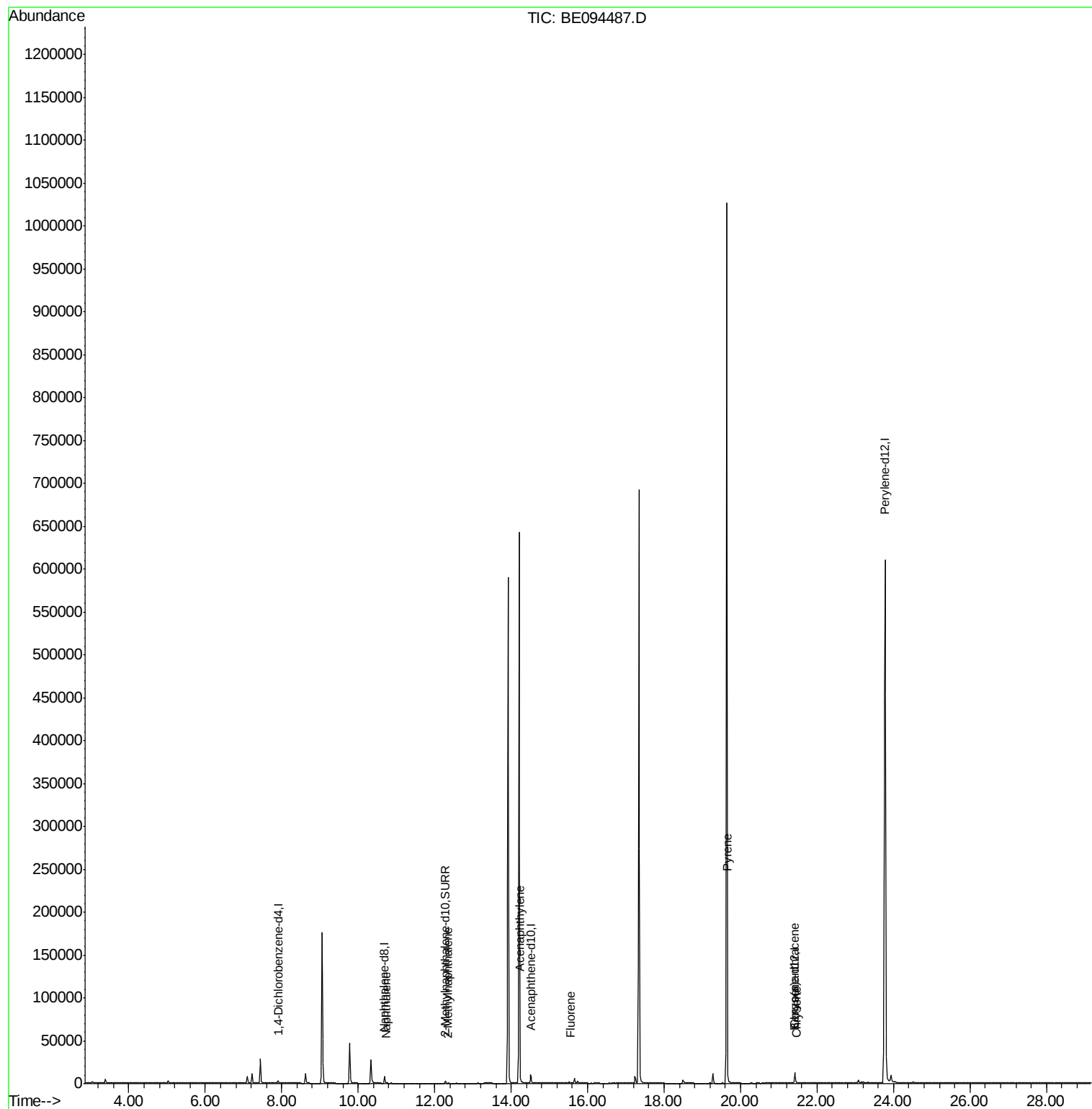
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1667	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9012	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	5738	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.42	240	12053	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	870136	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	5020	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	13447	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.74	128	586	0.027	ng/ul#	74
5) 2-Methylnaphthalene	12.35	142	589	0.041	ng/ul	99
7) Acenaphthylene	14.24	152	588	0.026	ng/ul#	77
9) Fluorene	15.56	166	607	0.028	ng/ul#	91
17) Pyrene	19.66	202	1102	0.033	ng/ul#	92
18) Benzo(a)anthracene	21.40	228	994	0.031	ng/ul#	77
19) Chrysene	21.46	228	1057	0.029	ng/ul#	79

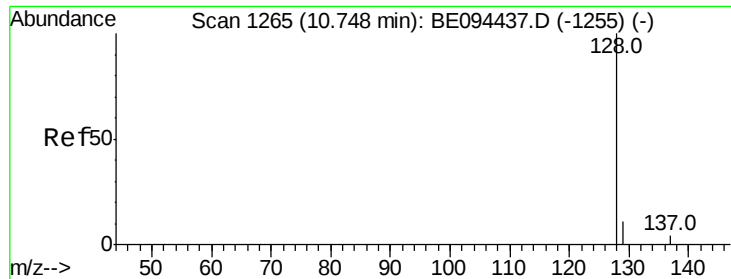
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094487.D

Acq: 20 Oct 2017 22:44

Instrument :

BNA_E

ClientSampleId :

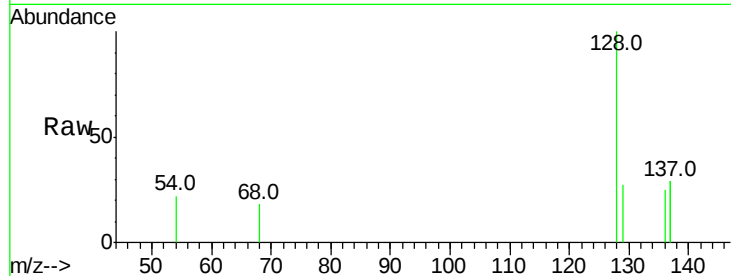
Tot Ion:128 Resp: 586

Ion Ratio Lower Upper

128 100

129 26.5 11.3 16.9#

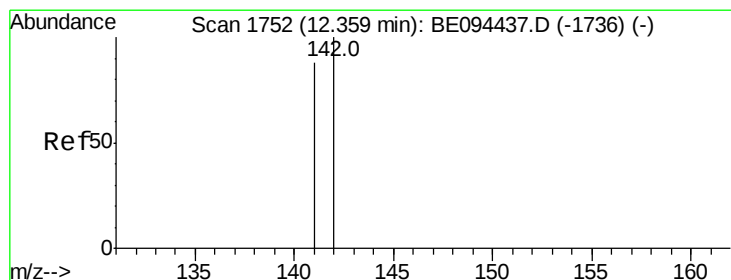
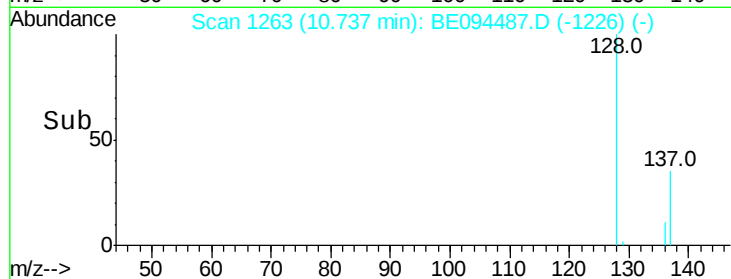
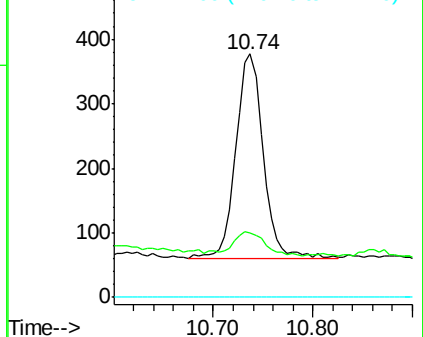
127 0.0 4.0 6.0#



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: 0.041 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BE094487.D

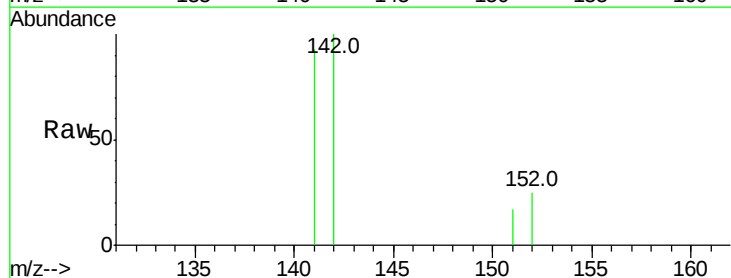
Acq: 20 Oct 2017 22:44

Tgt Ion:142 Resp: 589

Ion Ratio Lower Upper

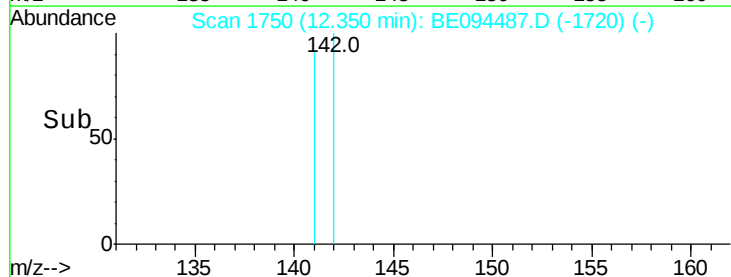
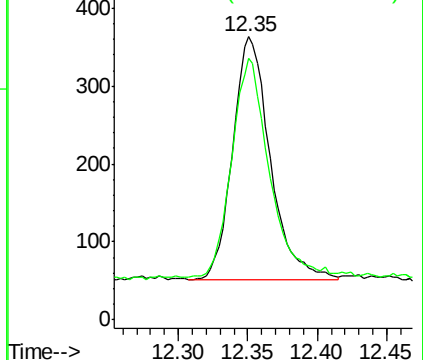
142 100

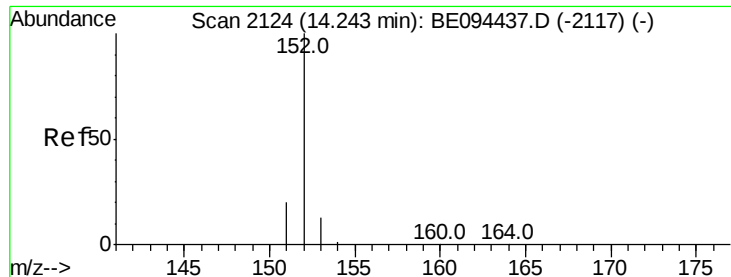
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094487.D

Acq: 20 Oct 2017 22:44

Instrument :

BNA_E

ClientSampleId :

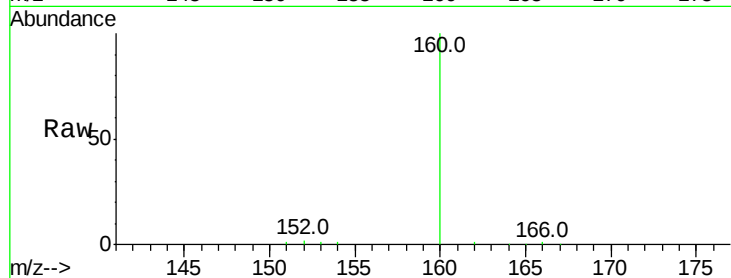
Tot Ion:152 Resp: 588

Ion Ratio Lower Upper

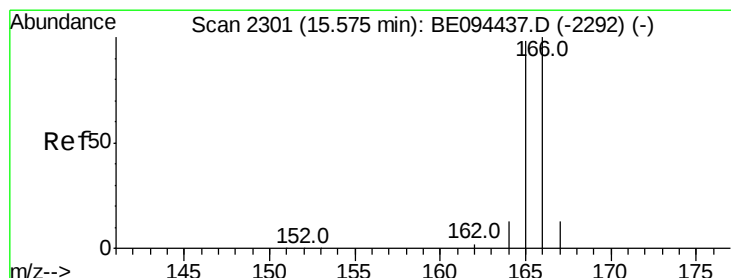
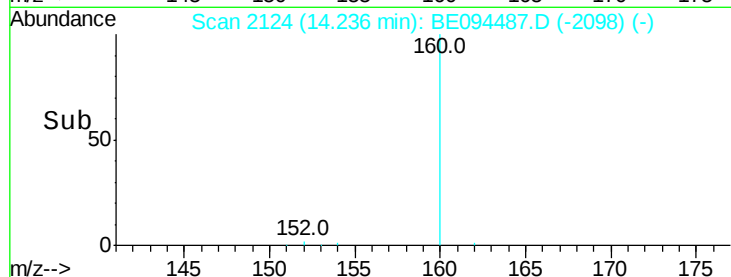
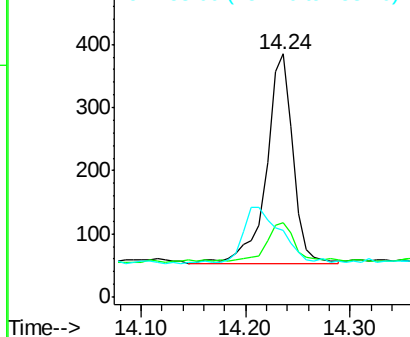
152 100

151 30.6 17.1 25.7#

153 27.3 12.8 19.2#



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



#9

Fluorene

Concen: 0.028 ng/ul

RT: 15.56 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BE094487.D

Acq: 20 Oct 2017 22:44

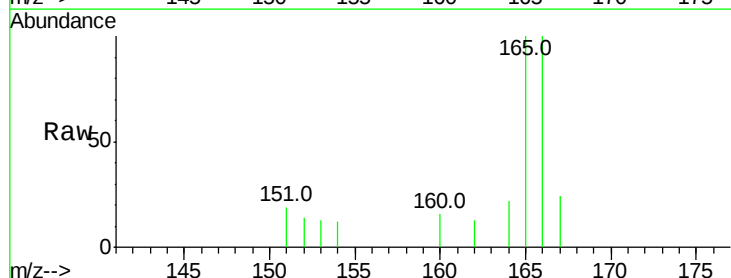
Tgt Ion:166 Resp: 607

Ion Ratio Lower Upper

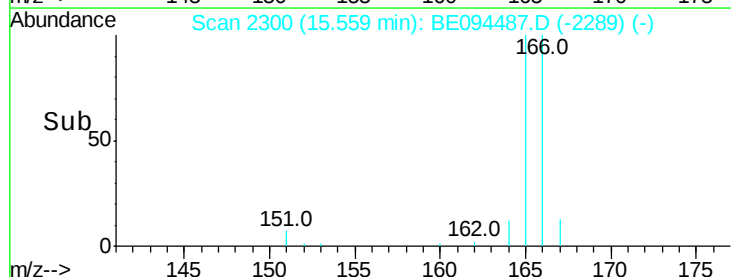
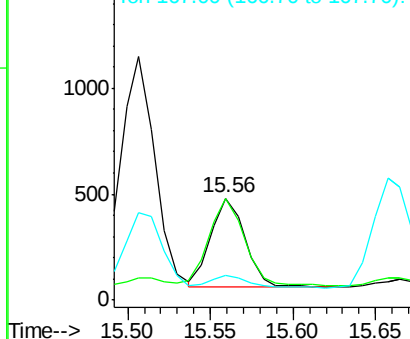
166 100

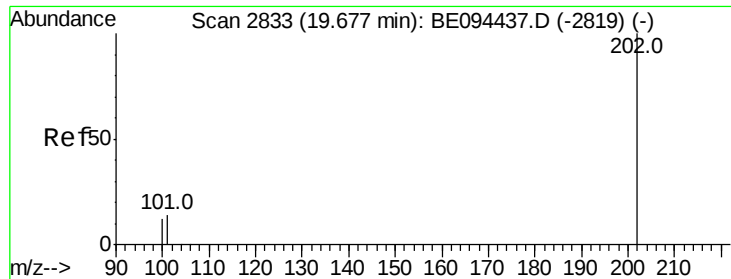
165 100.0 73.4 110.2

167 24.3 14.6 22.0#



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





#17

Pvrene

Concen: 0.033 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BE094487.D

Acq: 20 Oct 2017 22:44

Instrument :

BNA_E

ClientSampleId :

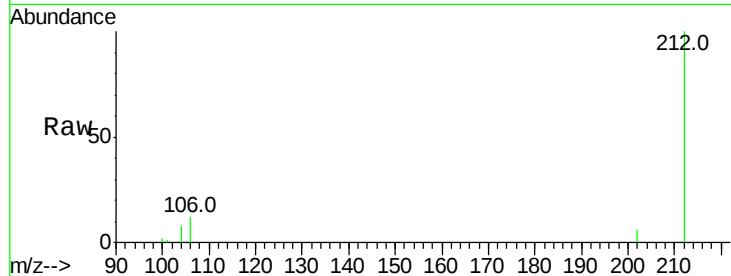
Tot Ion:202 Resp: 1102

Ion Ratio Lower Upper

202 100

101 22.6 18.2 27.4

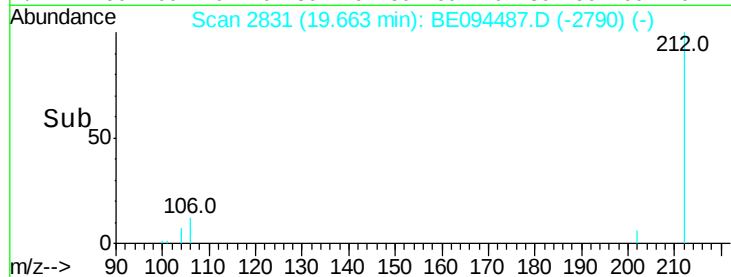
100 27.7 15.6 23.4#



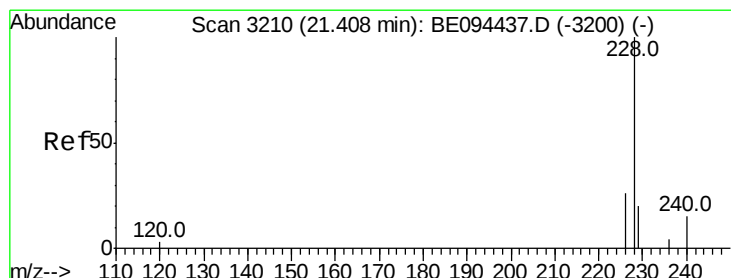
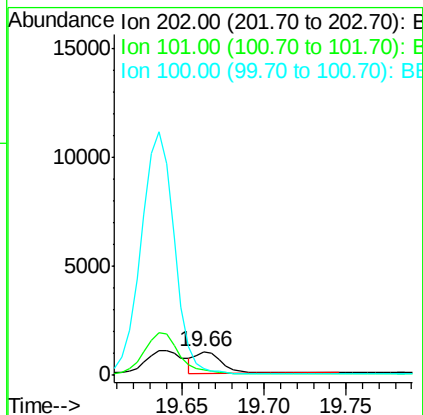
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



Time-->



#18

Benzo(a)anthracene

Concen: 0.031 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094487.D

Acq: 20 Oct 2017 22:44

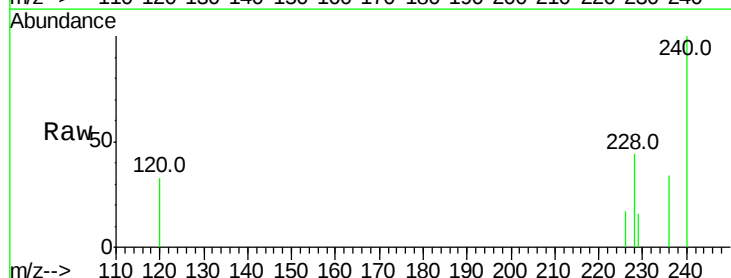
Tgt Ion:228 Resp: 994

Ion Ratio Lower Upper

228 100

229 35.3 22.8 34.2#

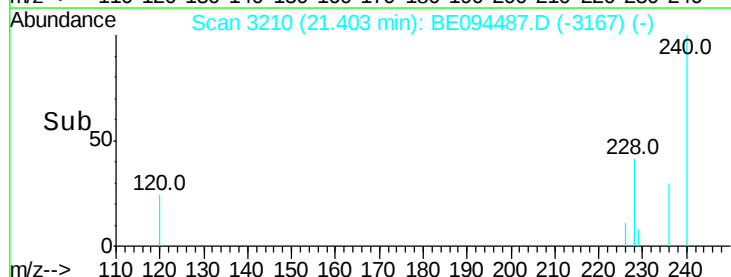
226 38.4 17.0 25.6#



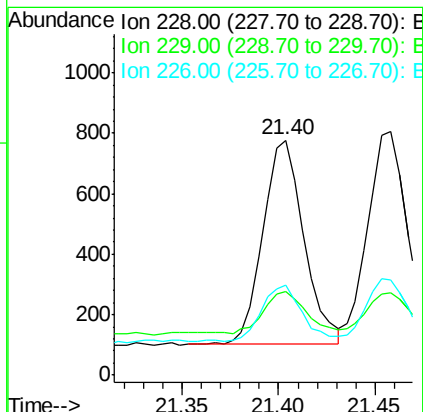
Abundance Ion 228.00 (227.70 to 228.70): E

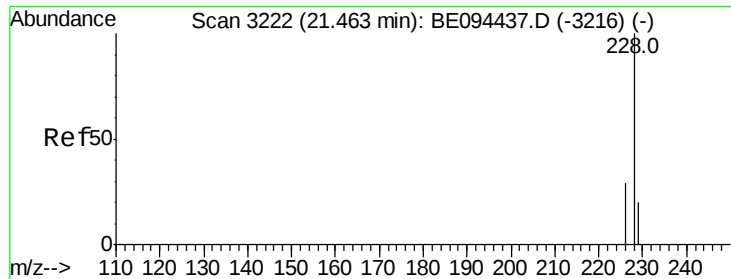
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#19

Chrysene

Concen: 0.029 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094487.D

Acq: 20 Oct 2017 22:44

Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 1057

Ion Ratio Lower Upper

228 100

226 39.0 23.4 35.0#

229 34.0 17.7 26.5#

