

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095148.D
 Acq On : 27 Jan 2018 3:17
 Operator : SJ/JU
 Sample : J1233-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 27 04:37:17 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 03:18:43 2018
 Response via : Initial Calibration

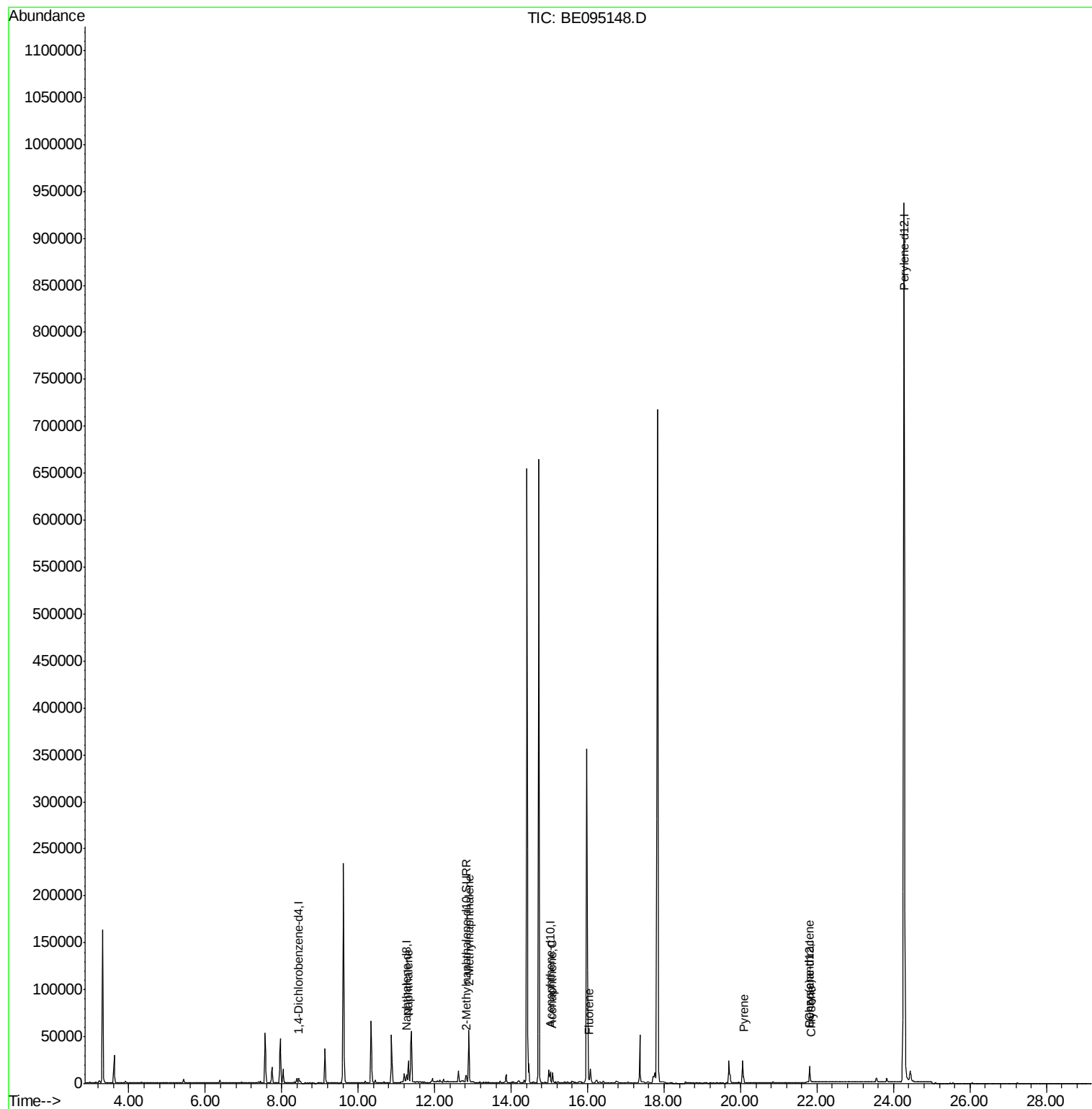
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3286	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10346	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6800	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.80	240	16668	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	1217691	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	8721	0.52	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	26248	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	32835	1.133	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	43733	2.261	ng/ul	99
8) Acenaphthene	15.08	153	6130	0.242	ng/ul	93
9) Fluorene	16.02	166	3415	0.130	ng/ul#	65
17) Pyrene	20.08	202	10641	0.190	ng/ul#	85
18) Benzo(a)anthracene	21.79	228	1062	0.020	ng/ul#	80
19) Chrysene	21.84	228	1160	0.021	ng/ul#	75

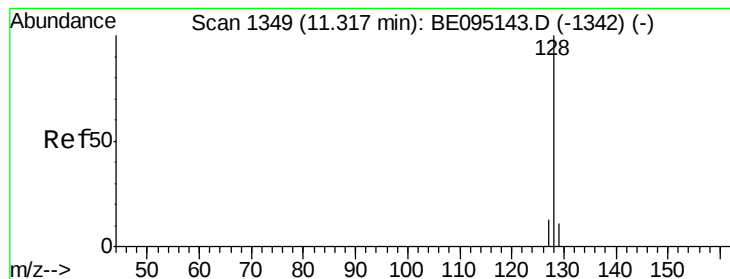
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.133 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095148.D

Acq: 27 Jan 2018 3:17

Instrument :

BNA_E

ClientSampleId :

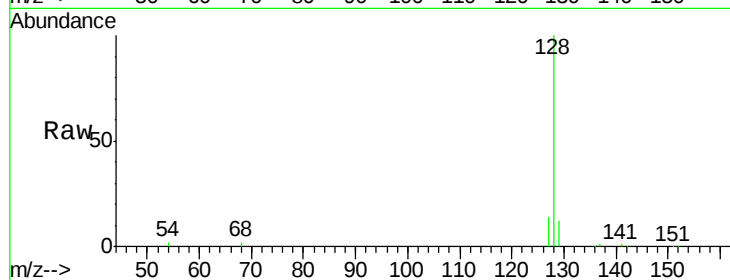
Tot Ion:128 Resp: 32835

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

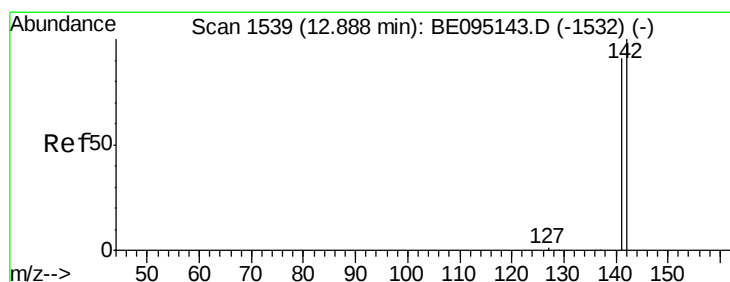
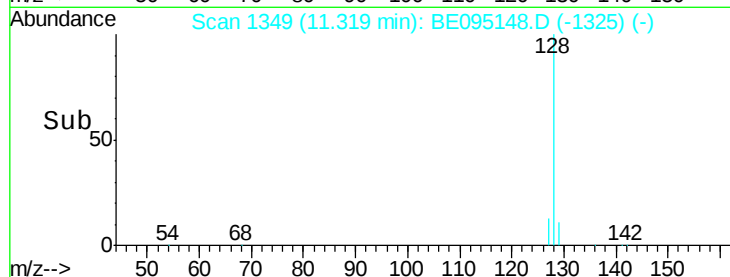
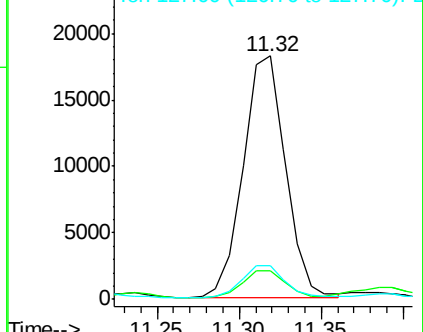
127 13.8 4.0 6.0#



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: 2.261 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095148.D

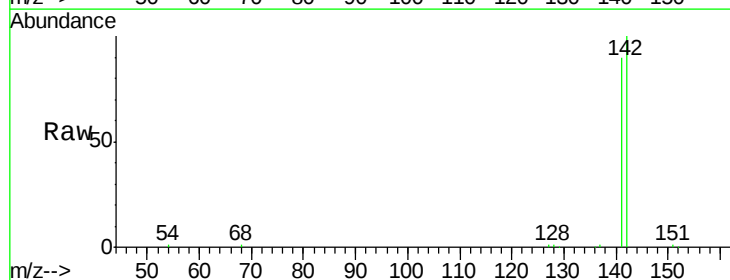
Acq: 27 Jan 2018 3:17

Tgt Ion:142 Resp: 43733

Ion Ratio Lower Upper

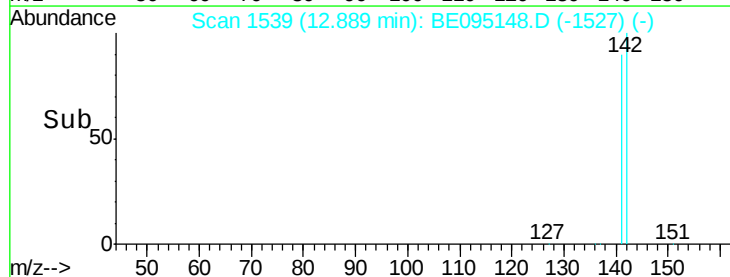
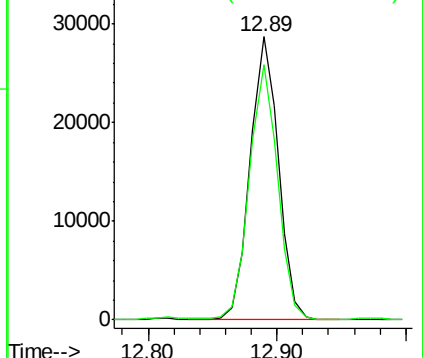
142 100

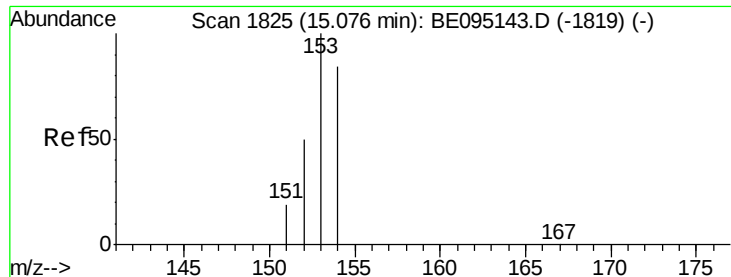
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.242 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095148.D

Acq: 27 Jan 2018 3:17

Instrument :

BNA_E

ClientSampleId :

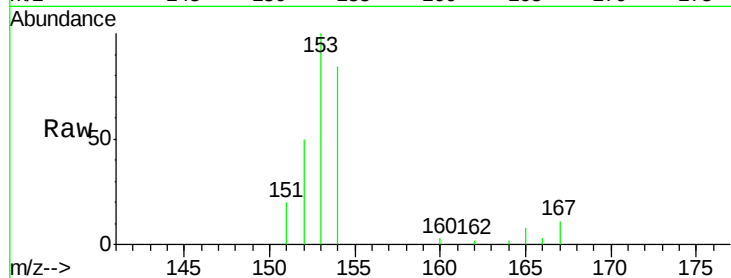
Tot Ion:153 Resp: 6130

Ion Ratio Lower Upper

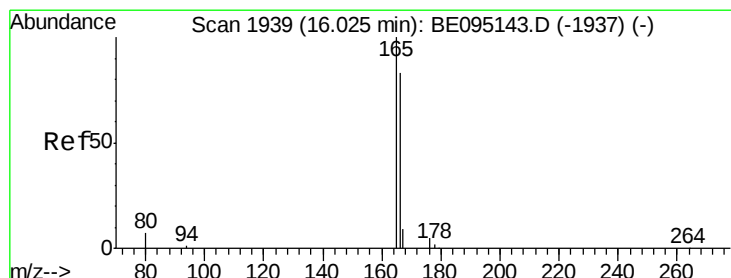
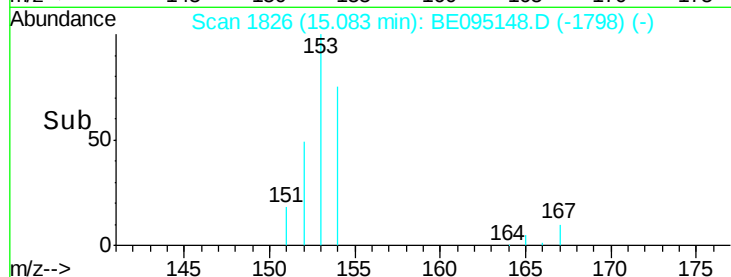
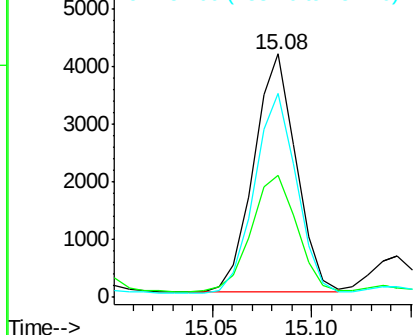
153 100

152 50.1 36.0 54.0

154 83.8 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.130 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095148.D

Acq: 27 Jan 2018 3:17

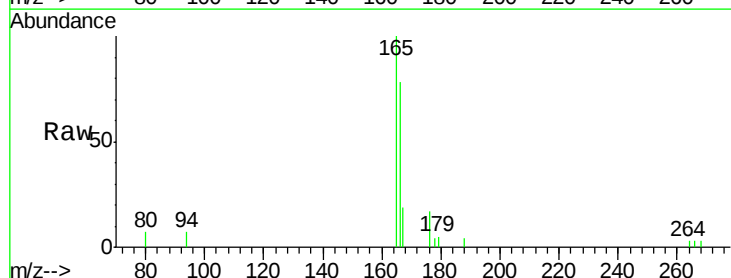
Tgt Ion:166 Resp: 3415

Ion Ratio Lower Upper

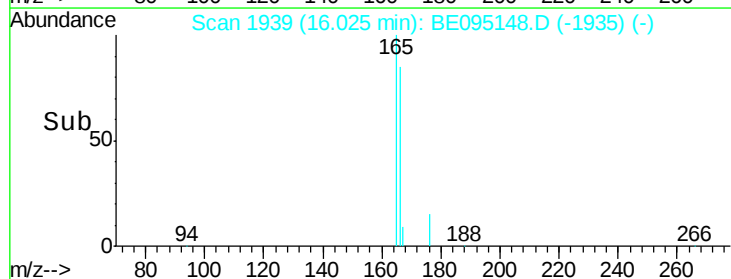
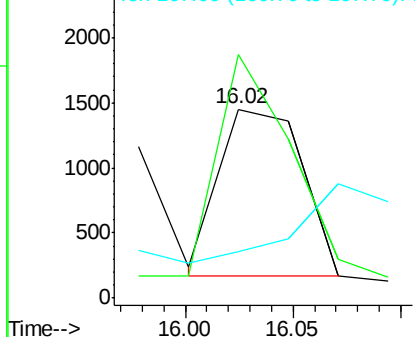
166 100

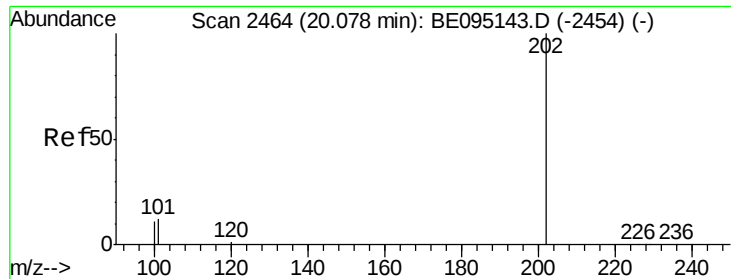
165 128.8 73.4 110.2#

167 24.8 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: 0.190 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095148.D

Acq: 27 Jan 2018 3:17

Instrument :

BNA_E

ClientSampled :

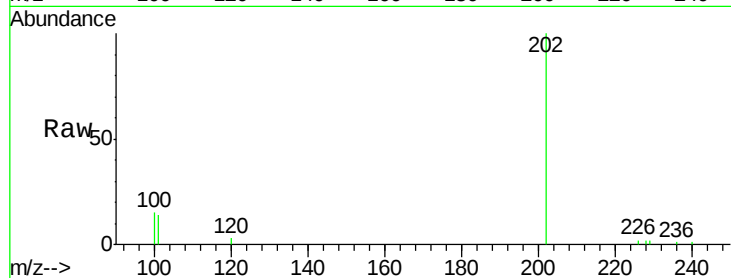
Tot Ion:202 Resp: 10641

Ion Ratio Lower Upper

202 100

101 13.7 18.2 27.4#

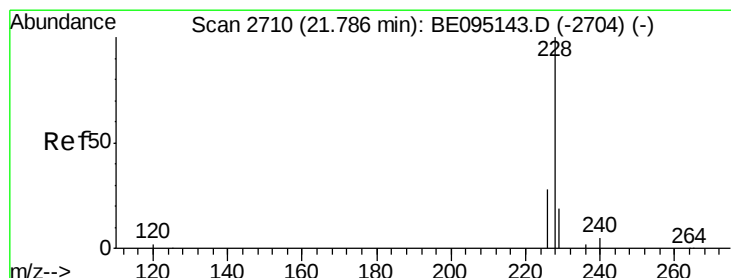
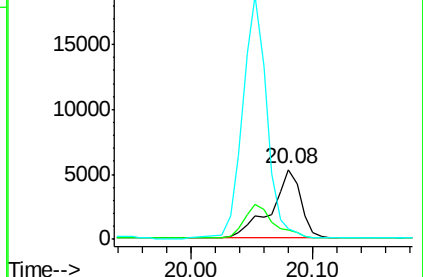
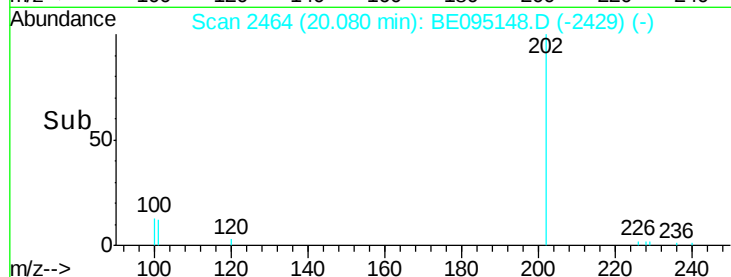
100 14.7 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.020 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095148.D

Acq: 27 Jan 2018 3:17

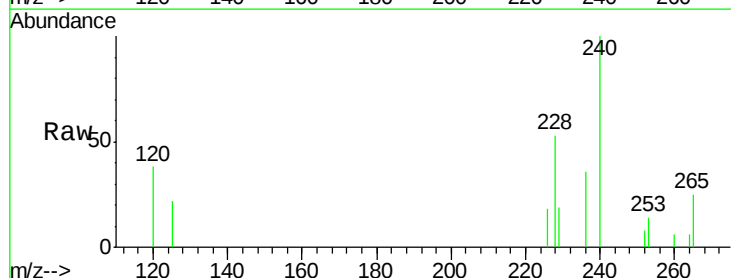
Tgt Ion:228 Resp: 1062

Ion Ratio Lower Upper

228 100

229 36.2 22.8 34.2#

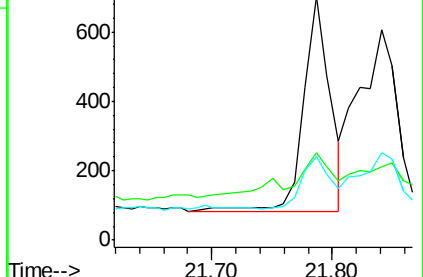
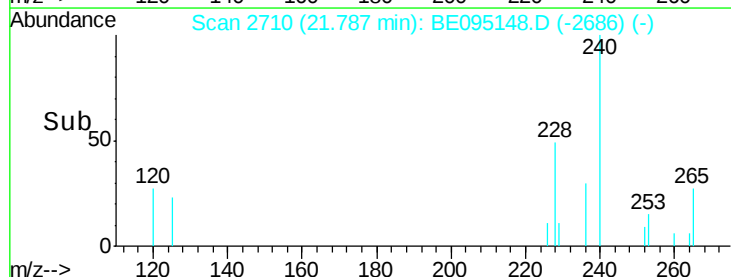
226 34.5 17.0 25.6#

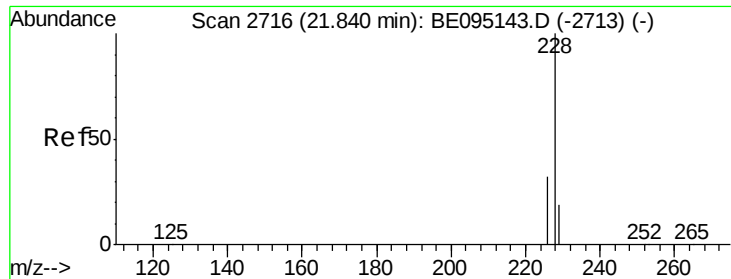


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.021 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095148.D

Acq: 27 Jan 2018 3:17

Instrument :

BNA_E

ClientSampleId :

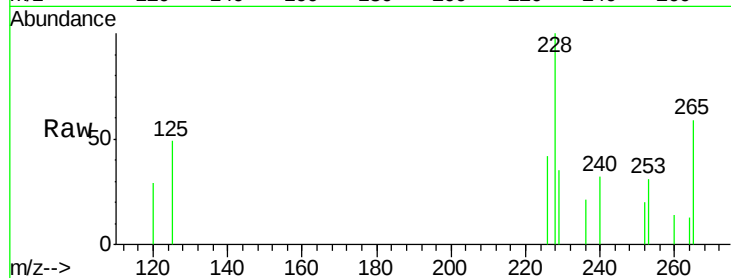
Tot Ion: 228 Resp: 1160

Ion Ratio Lower Upper

228 100

226 41.8 23.4 35.0#

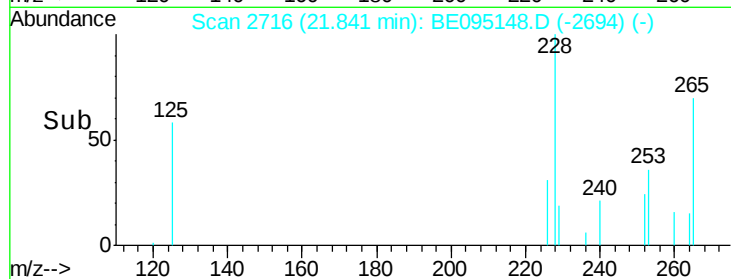
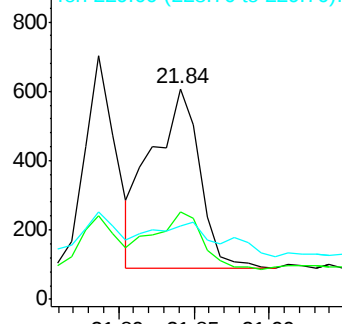
229 35.1 17.7 26.5#



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



Time-->