

Data File : BE098596.D
Acq On : 29 Dec 2018 4:31
Operator : SJ/JU
Sample : J6489-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F52

Quant Time: Dec 29 05:04:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1359	0.40	ng/ul	0.00
2) Naphthalene-d8	10.60	136	5731	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5438	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	695076	0.40	ng/ul	0.11
16) Chrysene-d12	21.51	240	69	0.40	ng/ul	0.11
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.92

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.20	152	5833	0.63	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	473	0.00	ng/ul	0.07

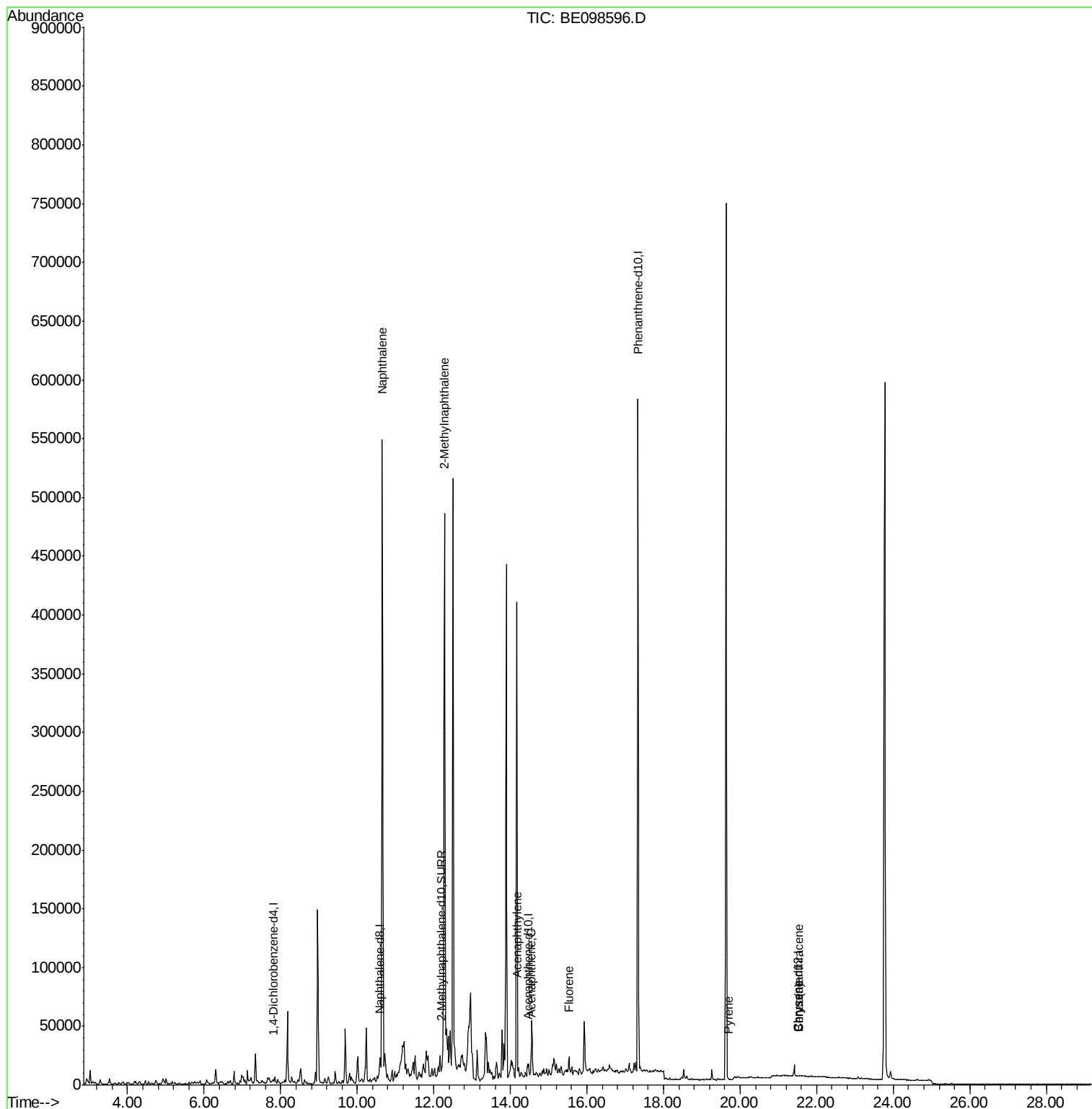
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.66	128	796586	51.017	ng/ul	97
5) 2-Methylnaphthalene	12.28	142	387699	39.089	ng/ul	88
7) Acenaphthylene	14.19	152	3616	0.155	ng/ul#	1
8) Acenaphthene	14.53	153	3094	0.169	ng/ul#	86
9) Fluorene	15.53	166	9350	0.429	ng/ul#	92
17) Pyrene	19.72	202	78	0.354	ng/ul#	3
18) Benzo(a)anthracene	21.54	228	160	0.795	ng/ul#	1
19) Chrysene	21.54	228	132	0.529	ng/ul#	1

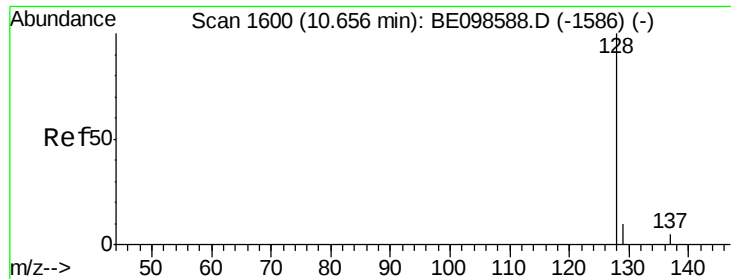
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 51.017 ng/ul

RT: 10.66 min Scan# 1600

Delta R.T. 0.00 min

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Instrument :

BNA_E

ClientSampleId :

F9F52

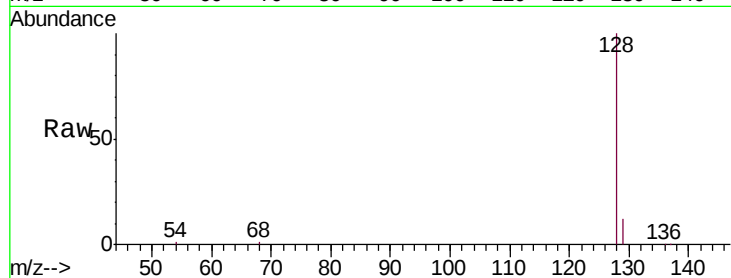
Tgt Ion:128 Resp: 796586

Ion Ratio Lower Upper

128 100

129 11.8 10.5 15.7

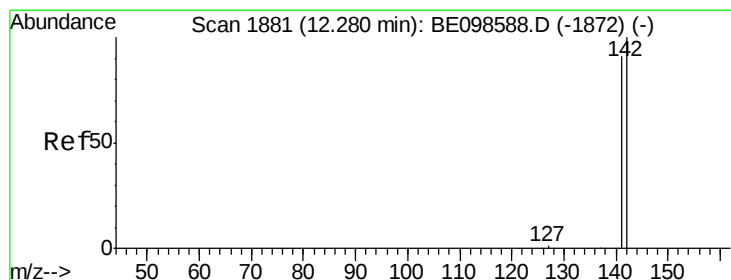
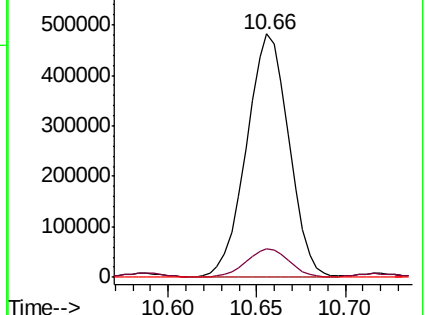
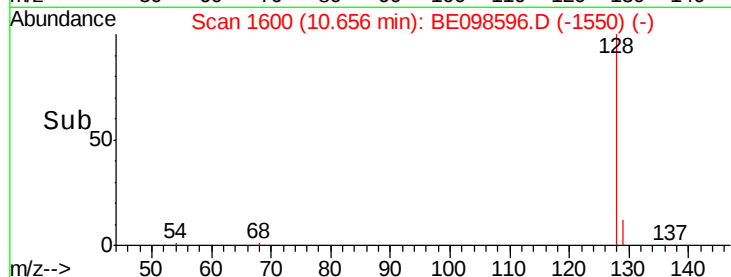
127 0.0 0.0 0.0



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: 39.089 ng/ul

RT: 12.28 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BE098596.D

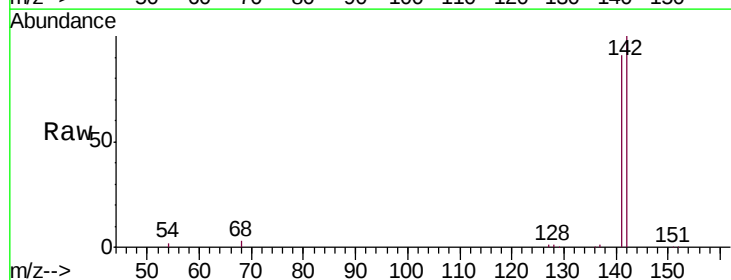
Acq: 29 Dec 2018 4:31

Tgt Ion:142 Resp: 387699

Ion Ratio Lower Upper

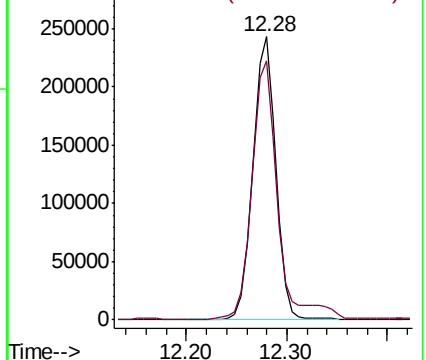
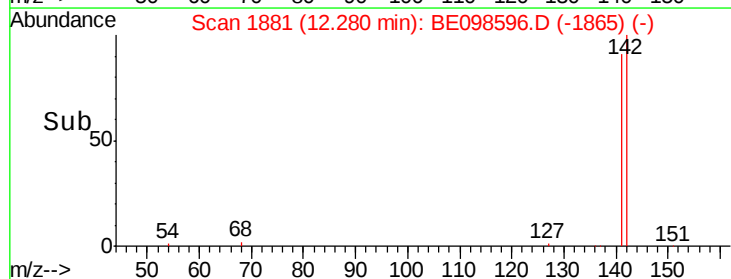
142 100

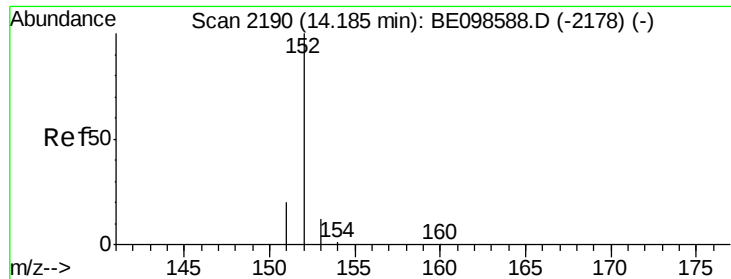
141 102.1 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.155 ng/ul

RT: 14.19 min Scan# 2191

Delta R.T. 0.01 min

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Instrument :

BNA_E

ClientSampleId :

F9F52

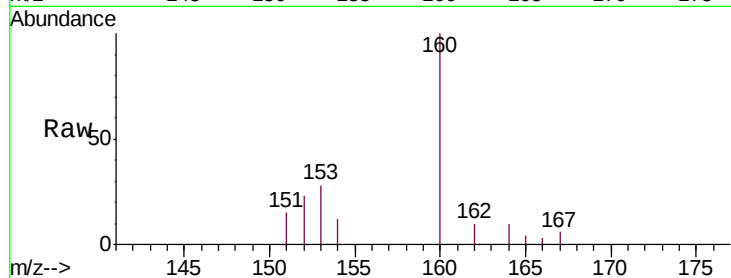
Tgt Ion:152 Resp: 3616

Ion Ratio Lower Upper

152 100

151 64.3 17.3 25.9#

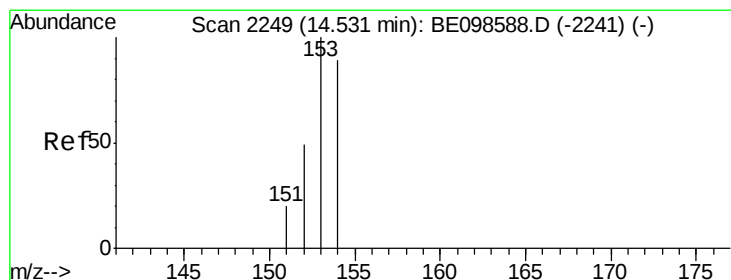
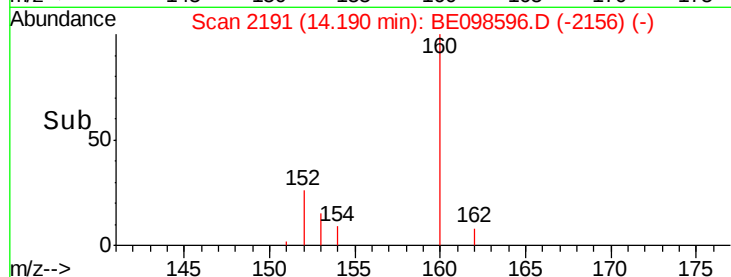
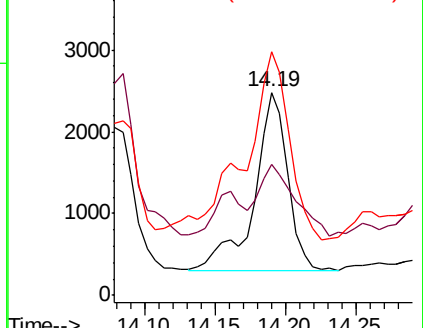
153 119.9 11.9 17.9#



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



#8

Acenaphthene

Concen: 0.169 ng/ul

RT: 14.53 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BE098596.D

Acq: 29 Dec 2018 4:31

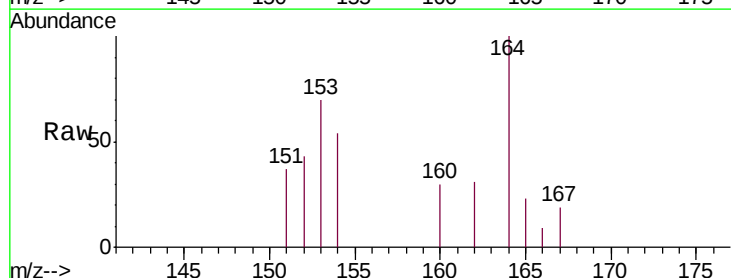
Tgt Ion:153 Resp: 3094

Ion Ratio Lower Upper

153 100

152 61.5 39.4 59.0#

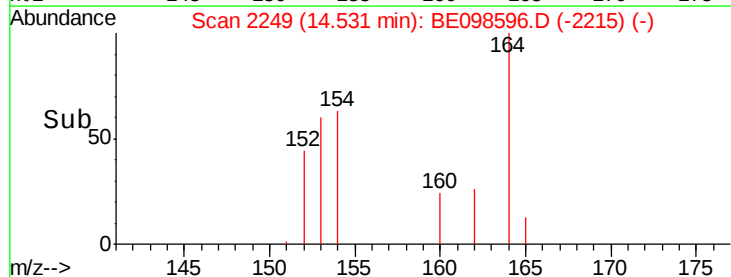
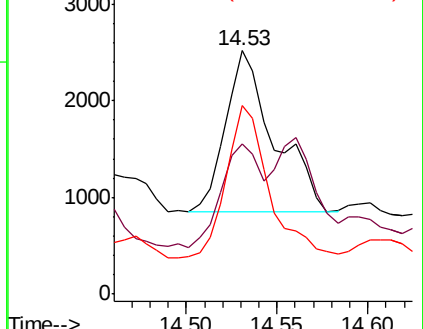
154 77.7 70.5 105.7

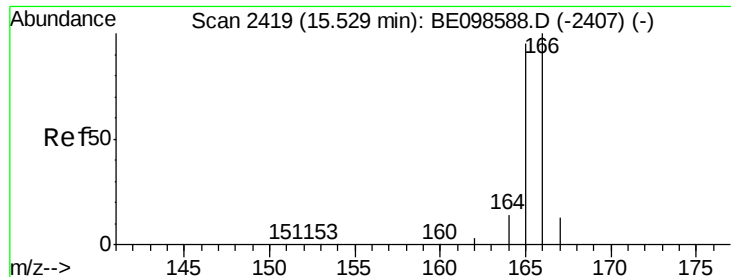


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

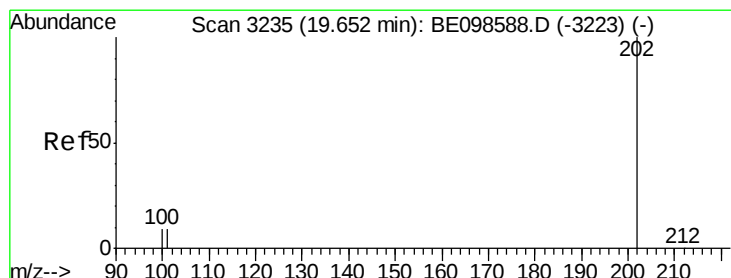
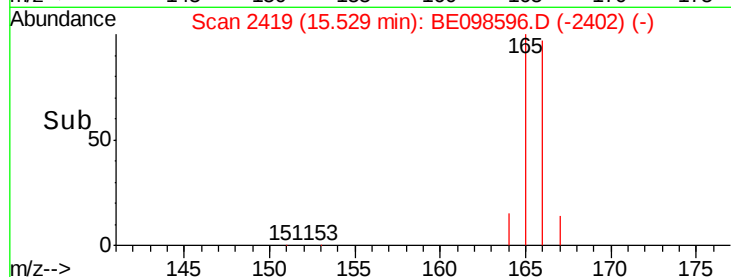
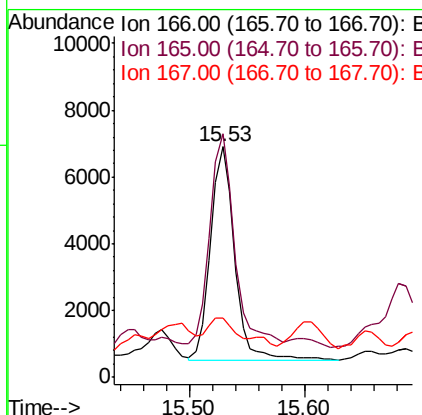
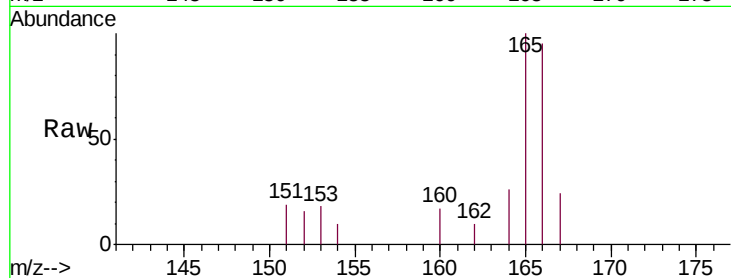




#9
Fluorene
 Concen: 0.429 ng/ul
 RT: 15.53 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BE098596.D
 Acq: 29 Dec 2018 4:31

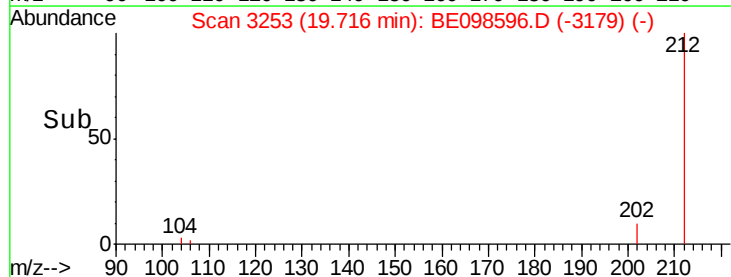
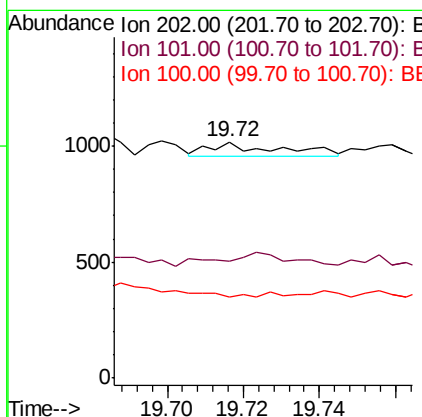
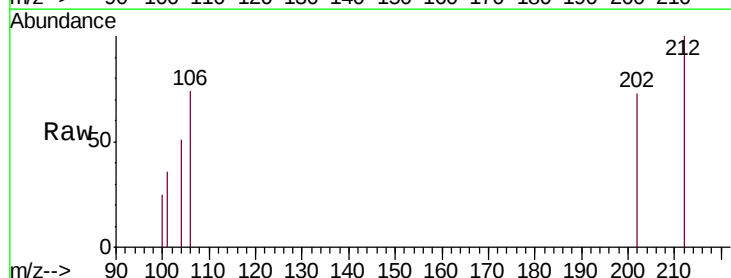
Instrument :
 BNA_E
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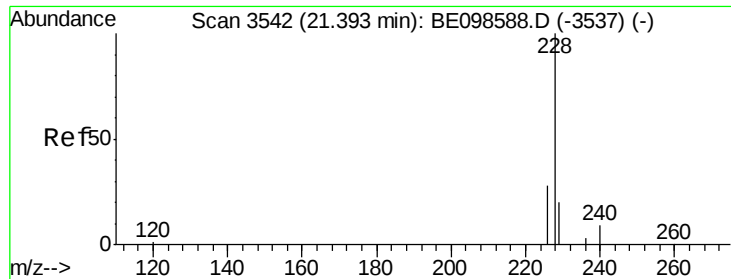
Tgt Ion: 166 Resp: 9350
 Ion Ratio Lower Upper
 166 100
 165 105.6 80.2 120.4
 167 25.8 12.0 18.0#



#17
Pyrene
 Concen: 0.354 ng/ul
 RT: 19.72 min Scan# 3253
 Delta R.T. 0.06 min
 Lab File: BE098596.D
 Acq: 29 Dec 2018 4:31

Tgt Ion: 202 Resp: 78
 Ion Ratio Lower Upper
 202 100
 101 49.4 6.9 10.3#
 100 34.5 6.0 9.0#





#18

Benzo(a)anthracene

Concen: 0.795 ng/ul

RT: 21.54 min Scan# 3563

Delta R.T. 0.15 min

Lab File: BE098596.D

Acq: 29 Dec 2018 4:31

Instrument :

BNA_E

ClientSampleId :

F9F52

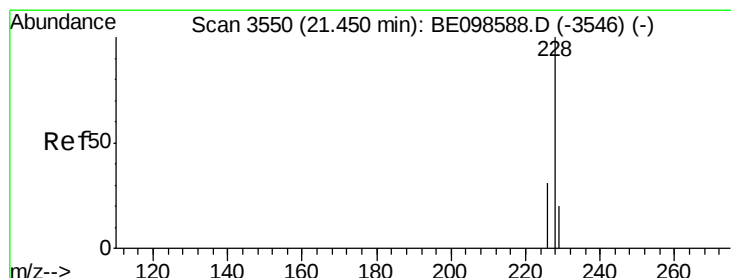
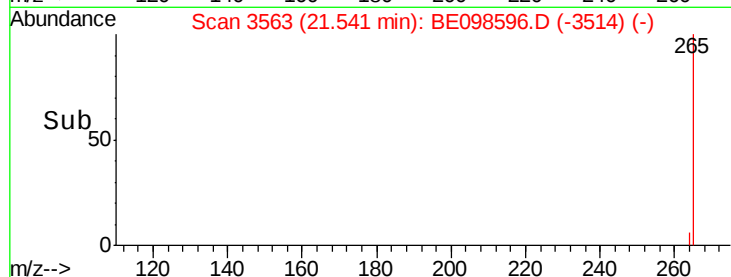
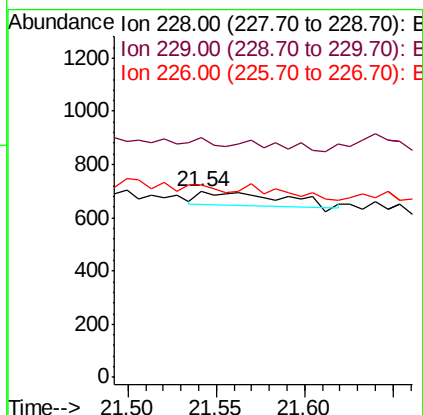
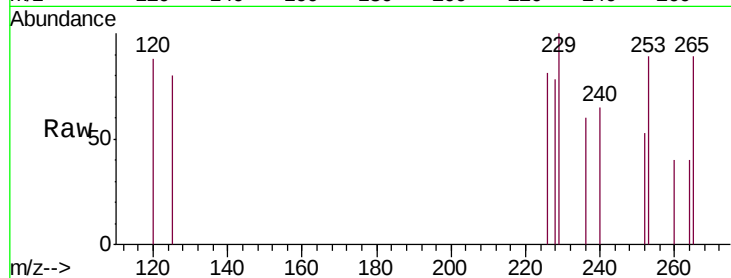
Tgt Ion:228 Resp: 160

Ion Ratio Lower Upper

228 100

229 129.0 16.1 24.1#

226 103.9 22.2 33.4#



#19

Chrysene

Concen: 0.529 ng/ul

RT: 21.54 min Scan# 3563

Delta R.T. 0.09 min

Lab File: BE098596.D

Acq: 29 Dec 2018 4:31

Tgt Ion:228 Resp: 132

Ion Ratio Lower Upper

228 100

226 103.9 24.6 37.0#

229 129.0 16.4 24.6#

