

Data File : BE098590.D
Acq On : 29 Dec 2018 00:50
Operator : SJ/JU
Sample : J6489-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F86

Quant Time: Dec 29 02:49:34 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	1185	0.40	ng/ul	0.00
2) Naphthalene-d8	10.60	136	5297	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4241	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	407396	0.40	ng/ul	0.11
16) Chrysene-d12	21.53	240	346	0.40	ng/ul	0.12
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.92

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.20	152	2631	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.36	212	3409	0.00	ng/ul	0.10

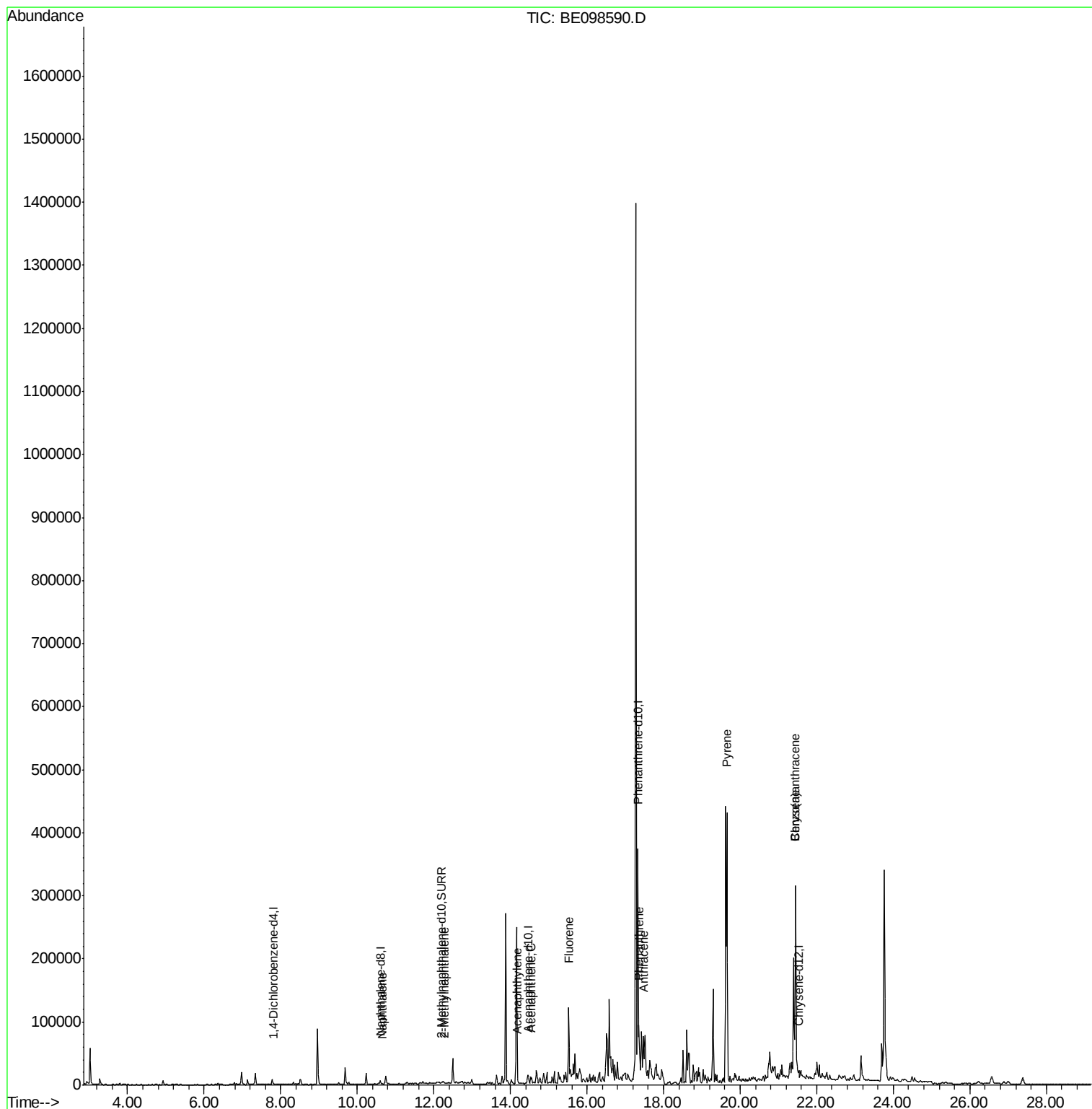
Target Compounds				Qvalue		
3) Naphthalene	10.66	128	1147	0.079	ng/ul#	1
5) 2-Methylnaphthalene	12.27	142	364	0.040	ng/ul#	4
7) Acenaphthylene	14.19	152	1589	0.087	ng/ul#	1
8) Acenaphthene	14.53	153	8064	0.564	ng/ul	96
9) Fluorene	15.52	166	72423	4.264	ng/ul	97
12) Phenanthrene	17.36	178	80150	0.073	ng/ul	96
13) Anthracene	17.47	178	18540	0.020	ng/ul#	1
17) Pyrene	19.66	202	476762	430.912	ng/ul	99
18) Benzo(a)anthracene	21.45	228	310056	307.043	ng/ul	93
19) Chrysene	21.45	228	310056	247.717	ng/ul	97

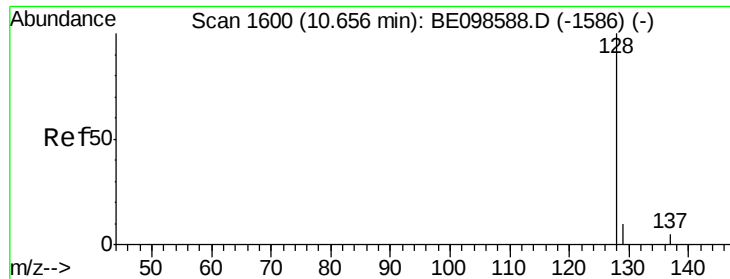
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.079 ng/ul

RT: 10.66 min Scan# 1600

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

F9F86

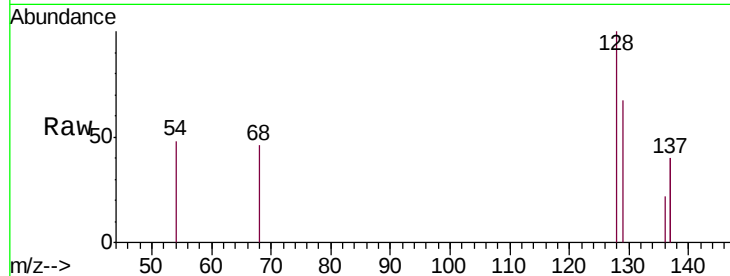
Tgt Ion:128 Resp: 1147

Ion Ratio Lower Upper

128 100

129 67.4 10.5 15.7#

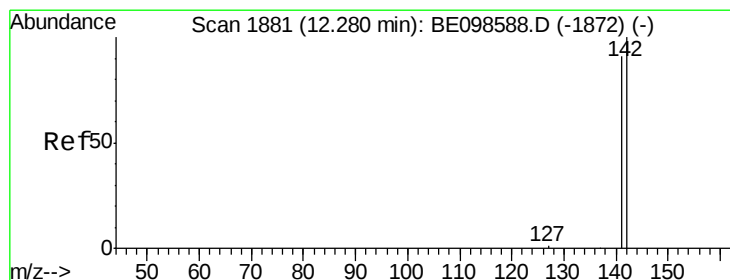
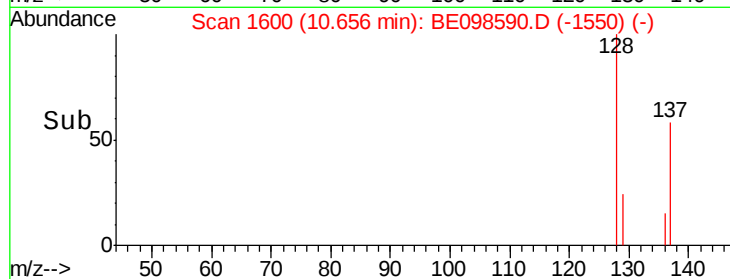
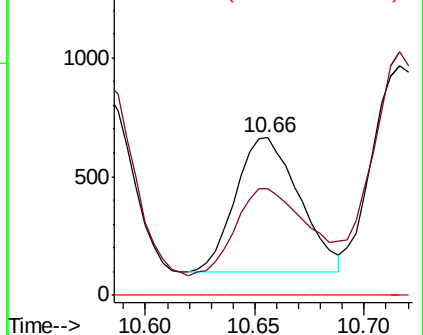
127 0.0 0.0 0.0



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: 0.040 ng/ul

RT: 12.27 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BE098590.D

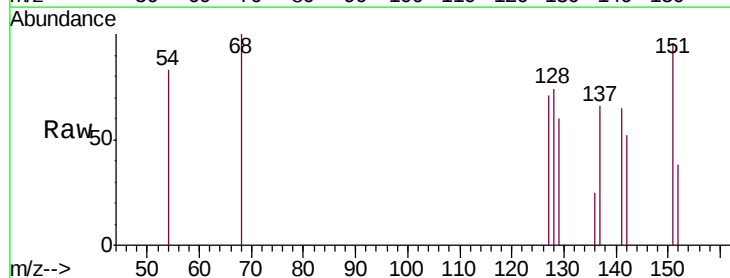
Acq: 29 Dec 2018 00:50

Tgt Ion:142 Resp: 364

Ion Ratio Lower Upper

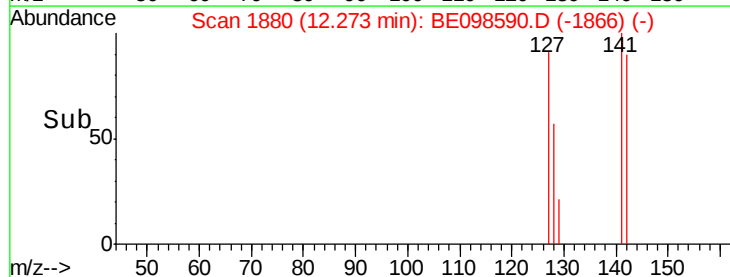
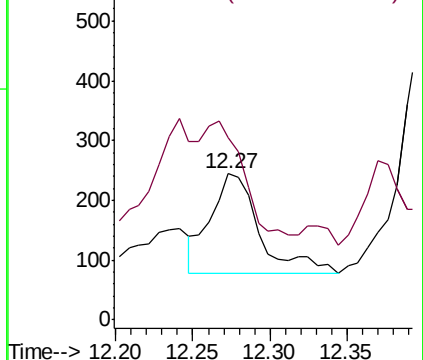
142 100

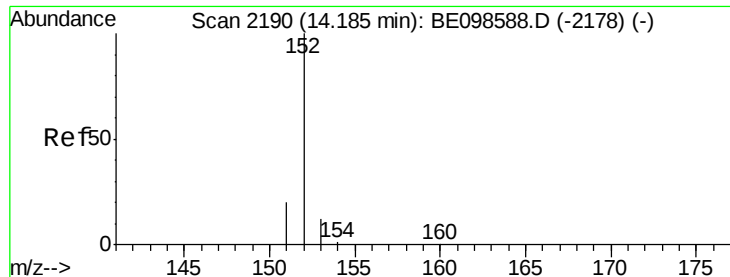
141 0.0 72.5 108.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 14.19 min Scan# 2192

Delta R.T. 0.01 min

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Instrument :

BNA_E

ClientSampleId :

F9F86

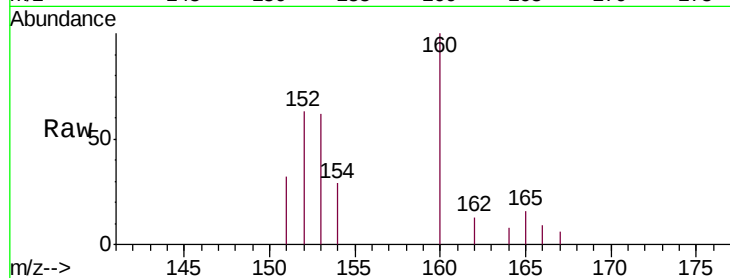
Tgt Ion:152 Resp: 1589

Ion Ratio Lower Upper

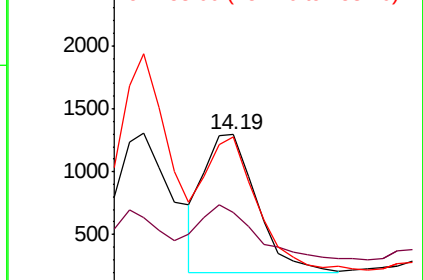
152 100

151 51.9 17.3 25.9#

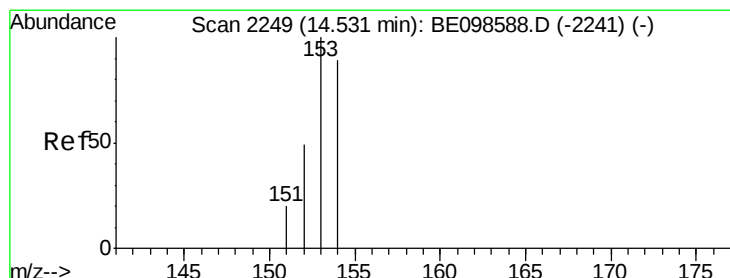
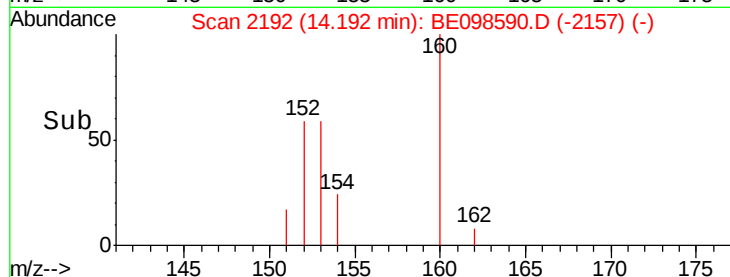
153 98.7 11.9 17.9#



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



Time--> 14.15 14.20 14.25



#8

Acenaphthene

Concen: 0.564 ng/ul

RT: 14.53 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BE098590.D

Acq: 29 Dec 2018 00:50

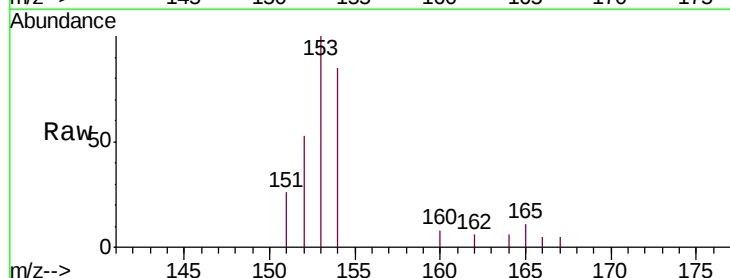
Tgt Ion:153 Resp: 8064

Ion Ratio Lower Upper

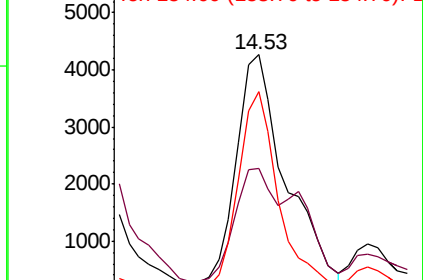
153 100

152 53.2 39.4 59.0

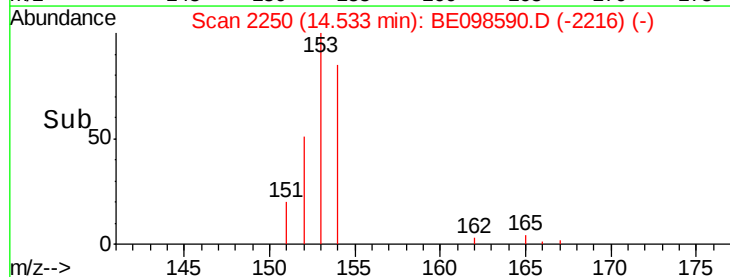
154 84.9 70.5 105.7

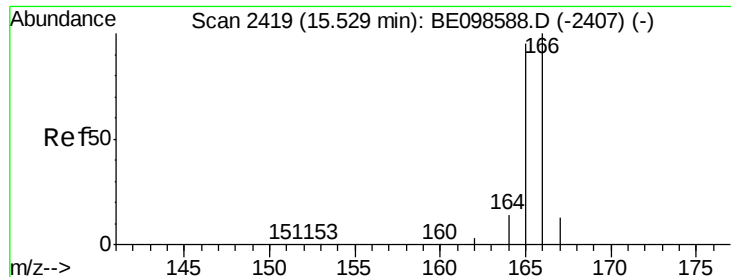


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time--> 14.45 14.50 14.55 14.60

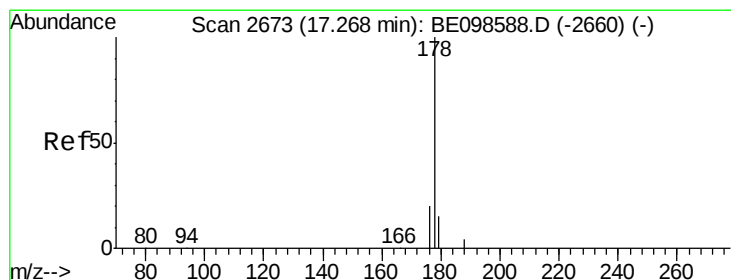
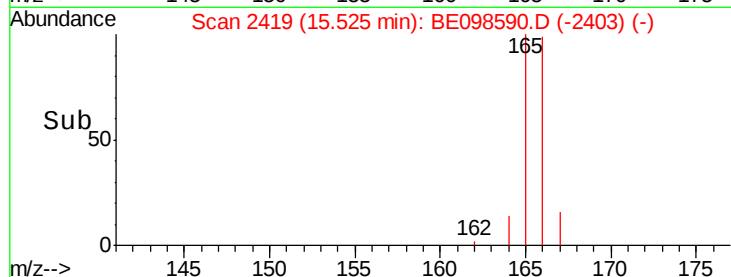
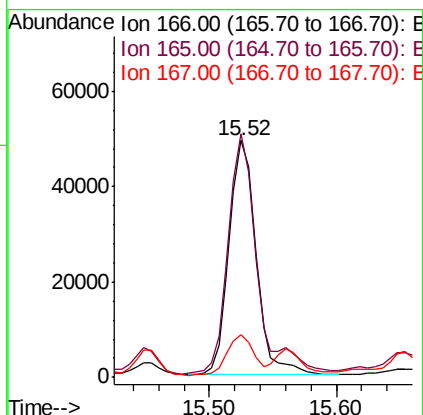
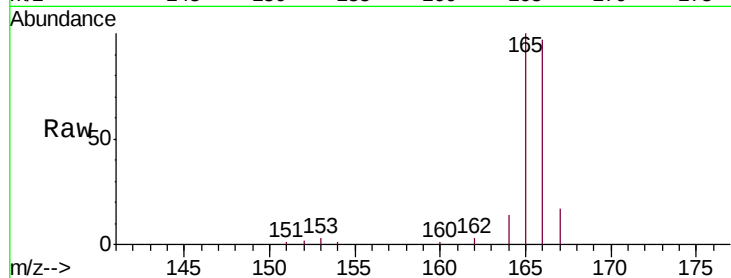




#9
Fluorene
 Concen: 4.264 ng/ul
 RT: 15.52 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BE098590.D
 Acq: 29 Dec 2018 00:50

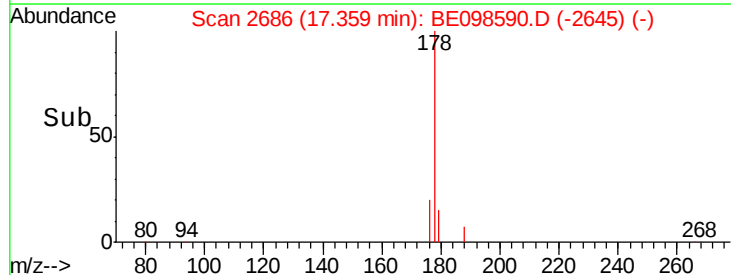
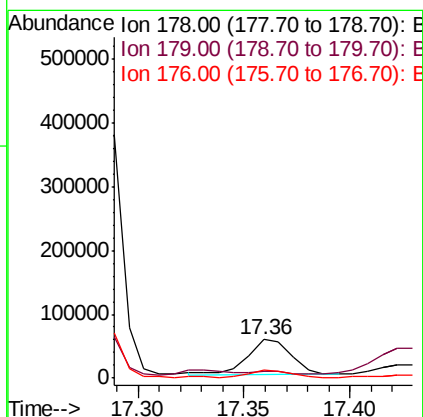
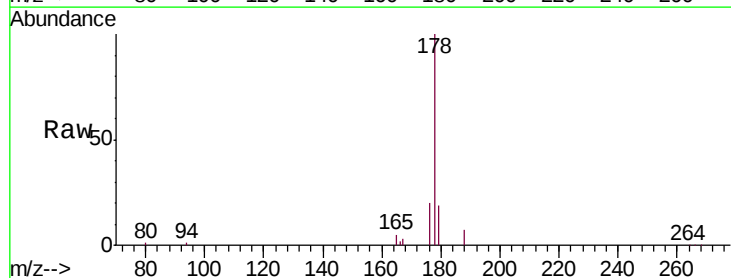
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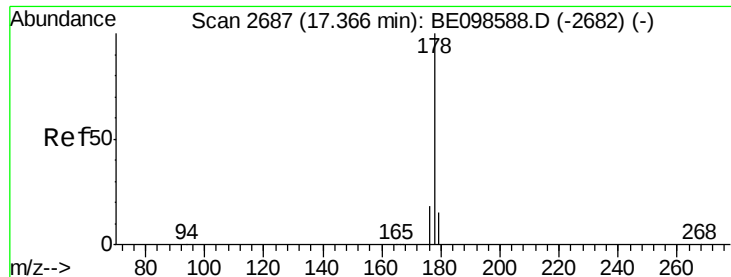
Tgt Ion:166 Resp: 72423
 Ion Ratio Lower Upper
 166 100
 165 102.7 80.2 120.4
 167 17.8 12.0 18.0



#12
Phenanthrene
 Concen: 0.073 ng/ul
 RT: 17.36 min Scan# 2686
 Delta R.T. 0.09 min
 Lab File: BE098590.D
 Acq: 29 Dec 2018 00:50

Tgt Ion:178 Resp: 80150
 Ion Ratio Lower Upper
 178 100
 179 18.7 13.0 19.4
 176 20.4 15.7 23.5

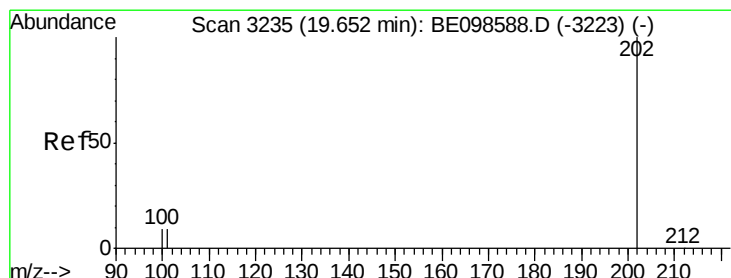
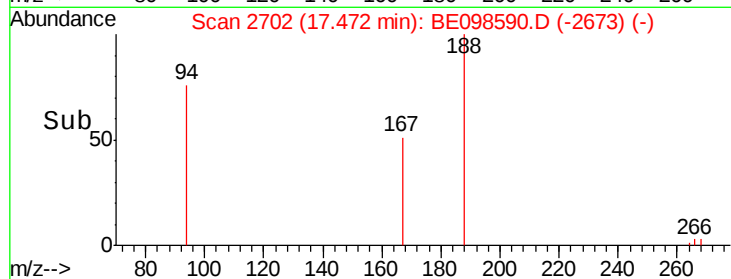
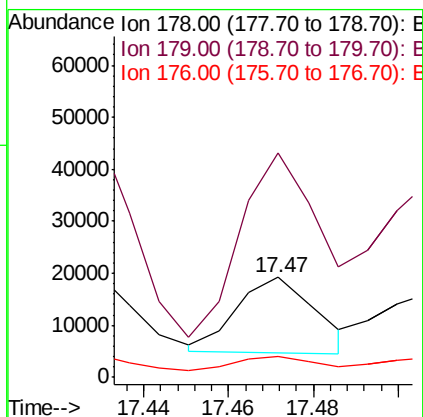
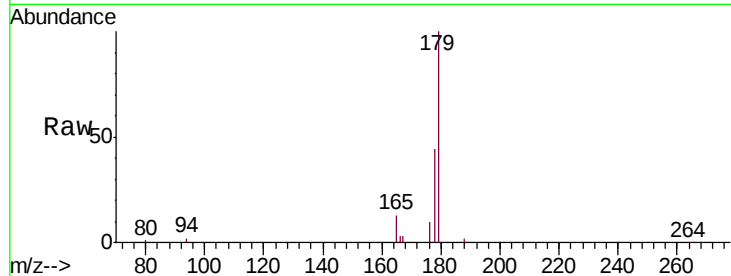




#13
 Anthracene
 Concen: 0.020 ng/ul
 RT: 17.47 min Scan# 2702
 Delta R.T. 0.11 min
 Lab File: BE098590.D
 Acq: 29 Dec 2018 00:50

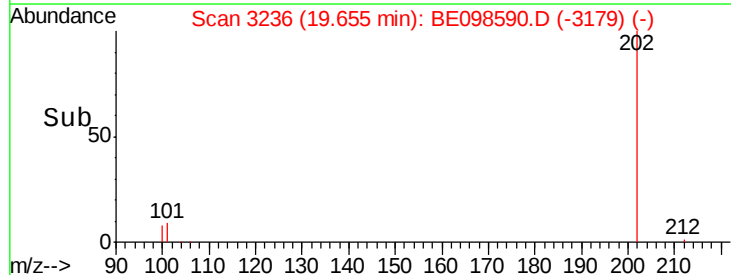
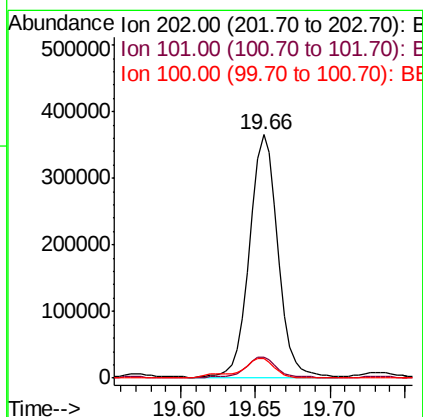
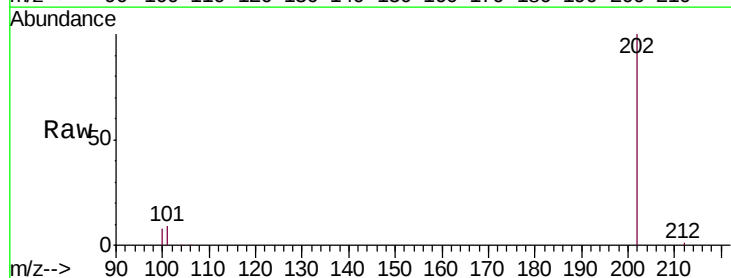
Instrument :
 BNA_E
 ClientSampleId :
 F9F86

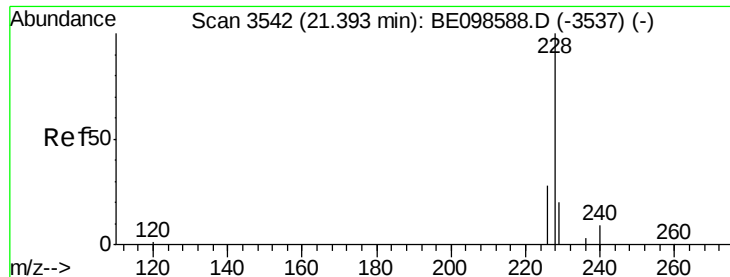
Tgt Ion:178 Resp: 18540
 Ion Ratio Lower Upper
 178 100
 179 225.1 12.6 19.0#
 176 21.4 15.6 23.4



#17
 Pyrene
 Concen: 430.912 ng/ul
 RT: 19.66 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: BE098590.D
 Acq: 29 Dec 2018 00:50

Tgt Ion:202 Resp: 476762
 Ion Ratio Lower Upper
 202 100
 101 8.8 6.9 10.3
 100 8.0 6.0 9.0





#18

Benzo(a)anthracene

Concen: 307.043 ng/ul

RT: 21.45 min Scan# 3550

Delta R.T. 0.06 min

Lab File: BE098590.D

Acq: 29 Dec 2018 00:50

Instrument :

BNA_E

ClientSampleId :

F9F86

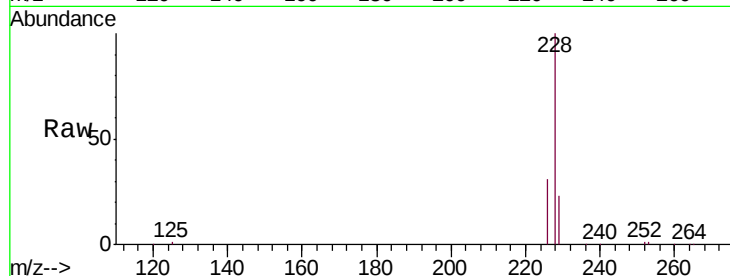
Tgt Ion:228 Resp: 310056

Ion Ratio Lower Upper

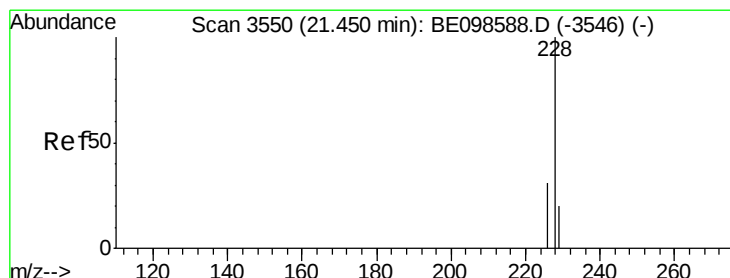
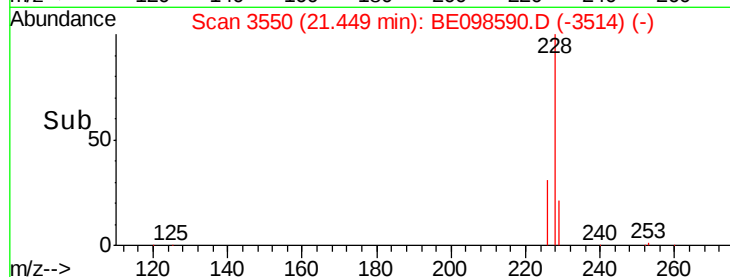
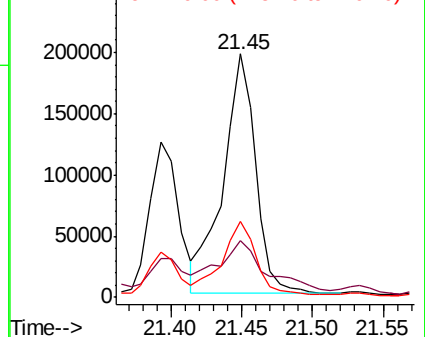
228 100

229 23.3 16.1 24.1

226 31.4 22.2 33.4



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: 247.717 ng/ul

RT: 21.45 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BE098590.D

Acq: 29 Dec 2018 00:50

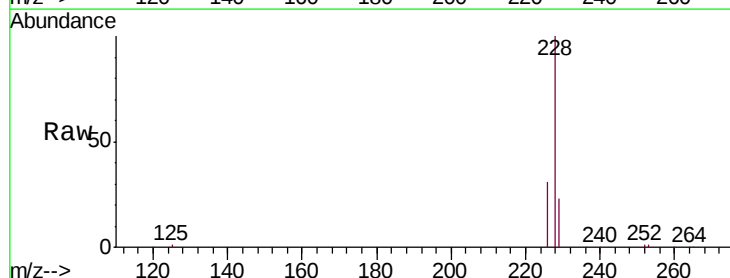
Tgt Ion:228 Resp: 310056

Ion Ratio Lower Upper

228 100

226 31.4 24.6 37.0

229 23.3 16.4 24.6



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

