

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
 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

Manual Integrations
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Quant Time: Dec 29 03:48:17 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	17.23	188	8231m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	8858m	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7733m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.20	152	2631	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	6720m	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.66	128	1147	0.079	ng/ul#	1
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	17.27	178	1478964m	66.850	ng/ul	
13) Anthracene	17.36	178	79254m	4.279	ng/ul	
15) Fluoranthene	19.29	202	180165m	6.309	ng/ul	
17) Pyrene	19.66	202	476762	16.832	ng/ul	99
18) Benzo(a)anthracene	21.39	228	171517m	6.634	ng/ul	
19) Chrysene	21.45	228	310056	9.676	ng/ul	97
21) Benzo(b)fluoranthene	23.16	252	65931m	2.785	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	12939m	0.499	ng/ul	
23) Benzo(a)pyrene	23.81	252	56516	2.450	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	26.57	276	18527	0.699	ng/ul#	90
25) Dibenzo(a,h)anthracene	26.58	278	12141	0.562	ng/ul#	66
26) Benzo(a,h,i)perylene	27.38	276	27231	1.184	ng/ul	98

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

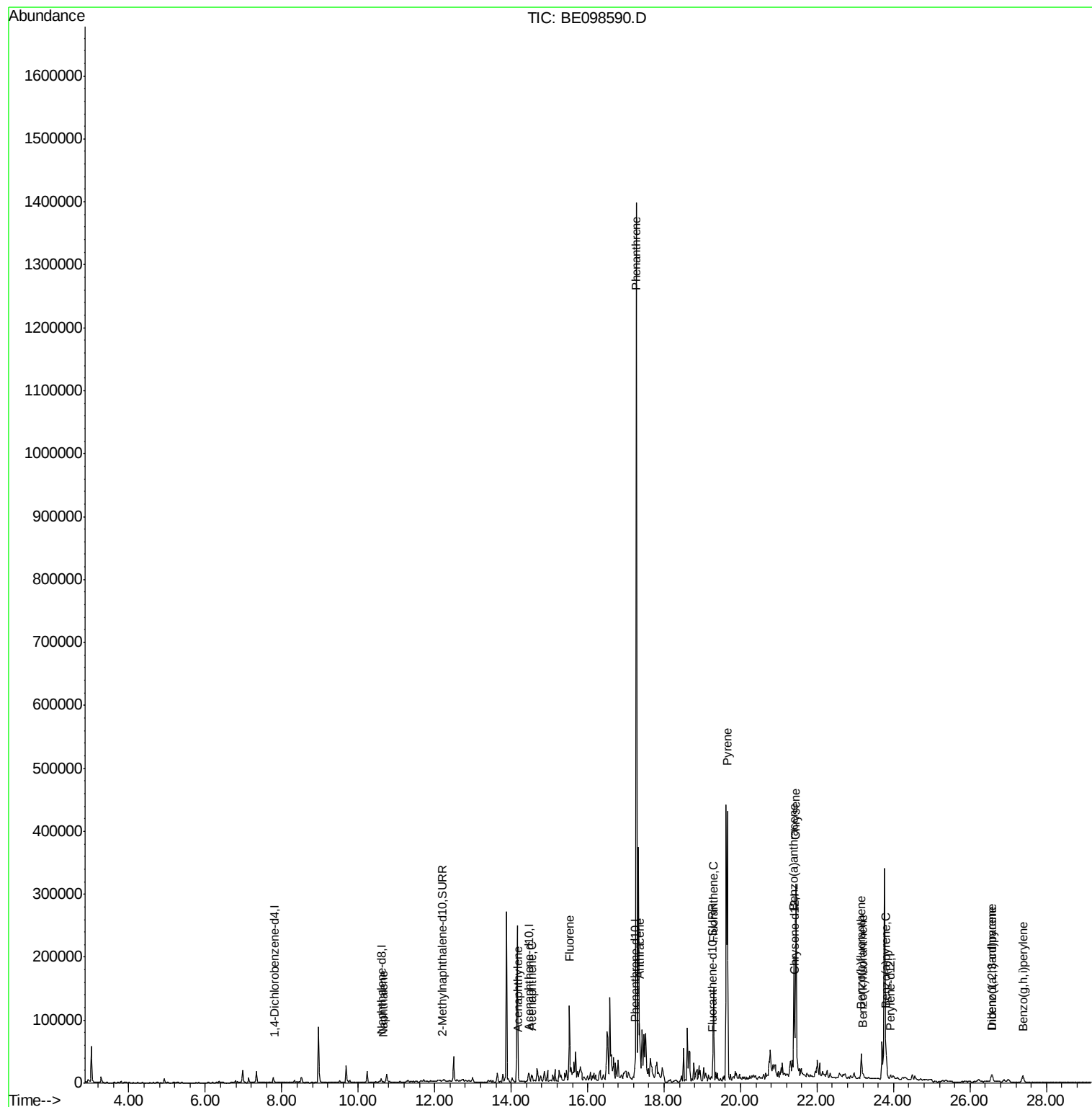
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
Data File : BE098590.D
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ALS Vial : 19 Sample Multiplier: 1

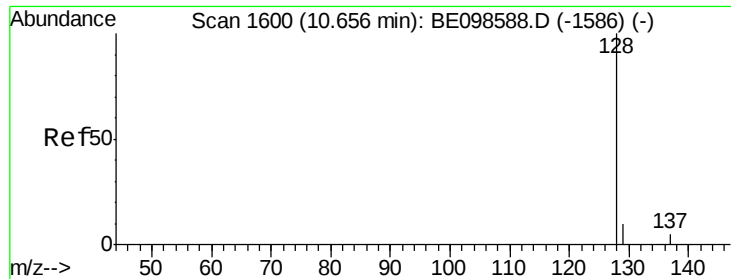
Instrument :
BNA_E
ClientSampleId :
F9F86

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Quant Time: Dec 29 03:48:17 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





#3

Naphthalene

Concen: 0.079 ng/ul

RT: 10.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BE098590.D

Acq: 29 Dec 2018 00:50

Instrument :

BNA_E

ClientSampled :

F9F86

Tot Ion:128 Resp: 1147

Ion Ratio Lower Upper

128 100

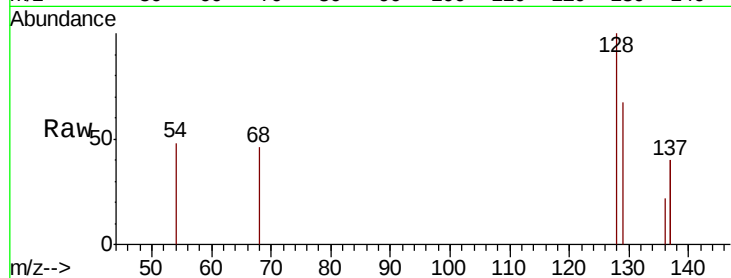
129 67.4 10.5 15.7#

127 0.0 0.0 0.0

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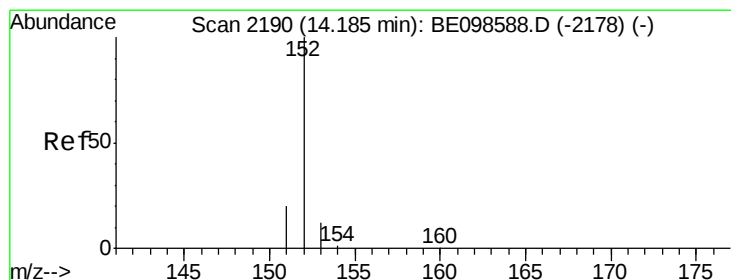
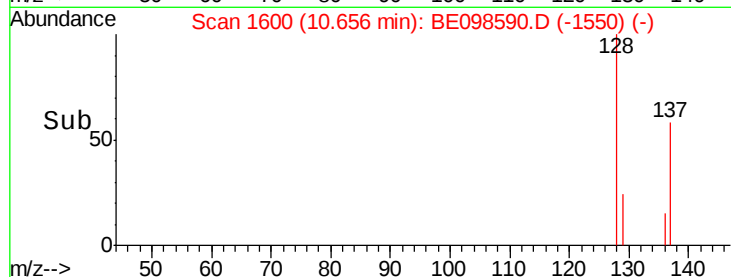
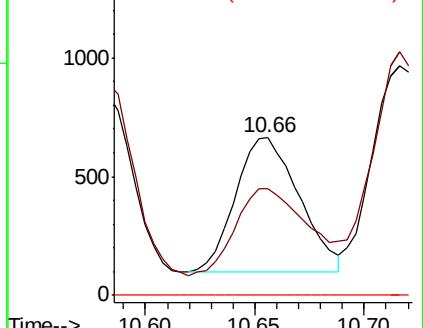
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 14.19 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BE098590.D

Acq: 29 Dec 2018 00:50

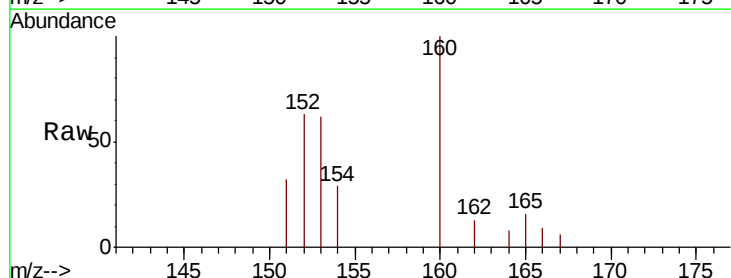
Tgt Ion:152 Resp: 1589

Ion Ratio Lower Upper

152 100

151 51.9 17.3 25.9#

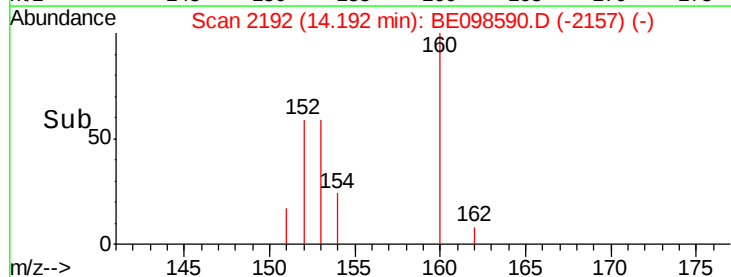
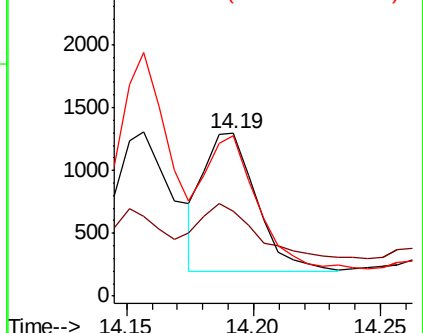
153 98.7 11.9 17.9#

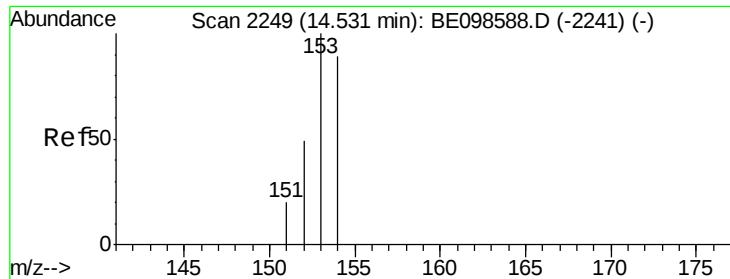


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#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

Instrument :

BNA_E

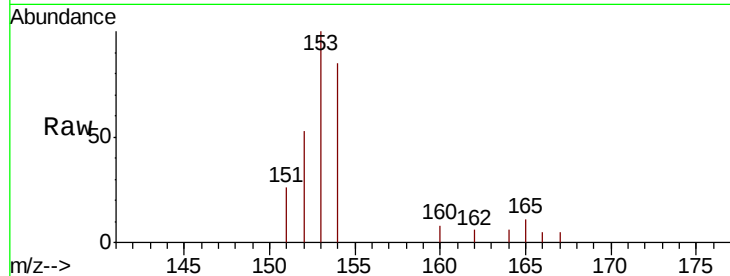
ClientSampleId :

F9F86

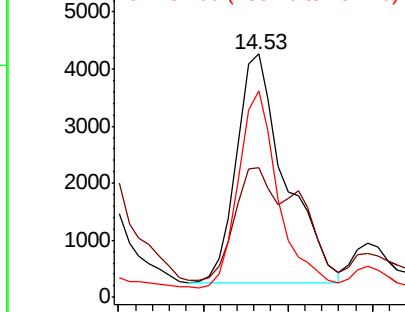
Tot Ion:	153	Resp:	8064
Ion	Ratio	Lower	Upper
153	100		
152	53.2	39.4	59.0
154	84.9	70.5	105.7

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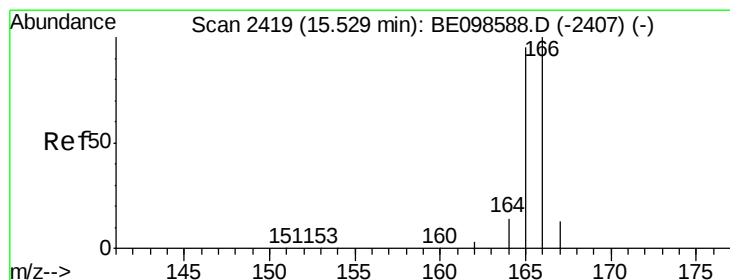
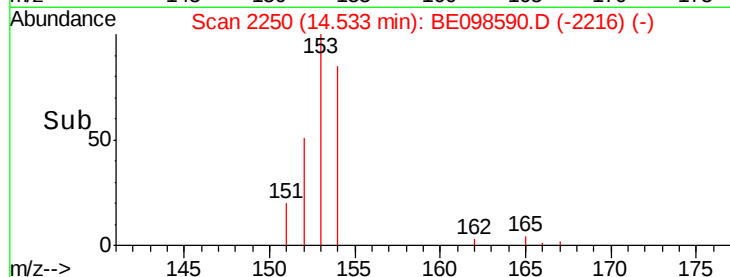
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time--> 14.45 14.50 14.55 14.60



#9

Fluorene

Concen: 4.264 ng/ul

RT: 15.52 min Scan# 2419

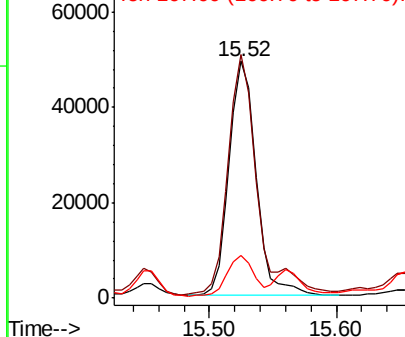
Delta R.T. -0.00 min

Lab File: BE098590.D

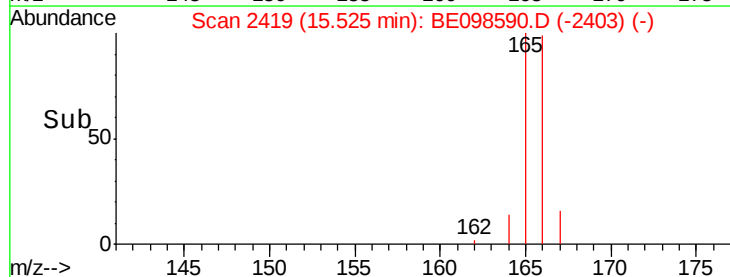
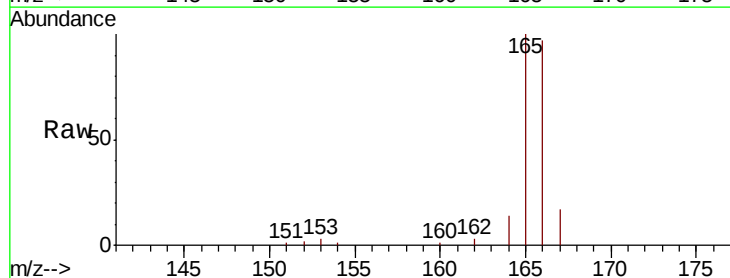
Acq: 29 Dec 2018 00:50

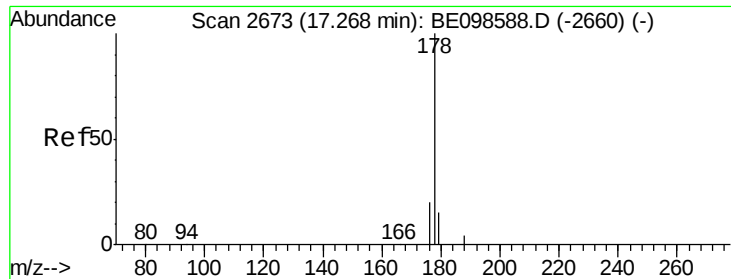
Tgt Ion:	166	Resp:	72423
Ion	Ratio	Lower	Upper
166	100		
165	102.7	80.2	120.4
167	17.8	12.0	18.0

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



Time--> 15.50 15.55 15.60





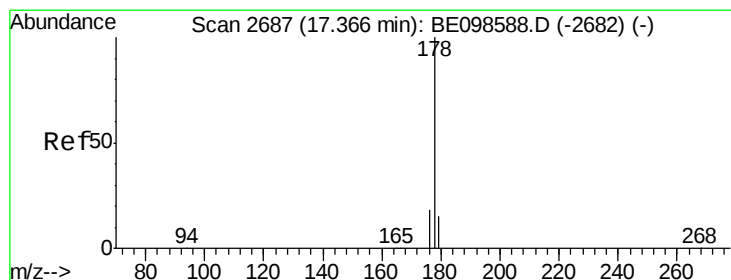
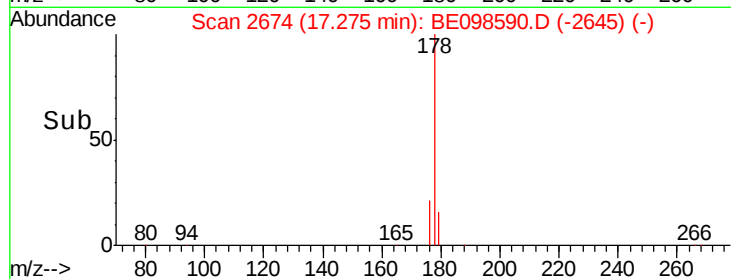
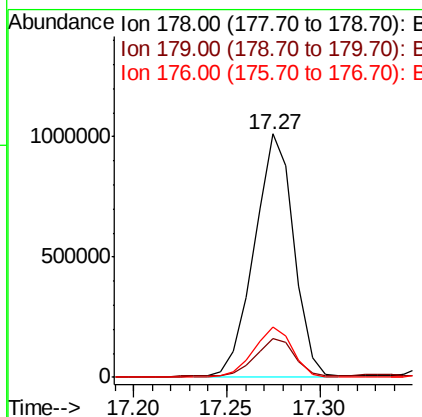
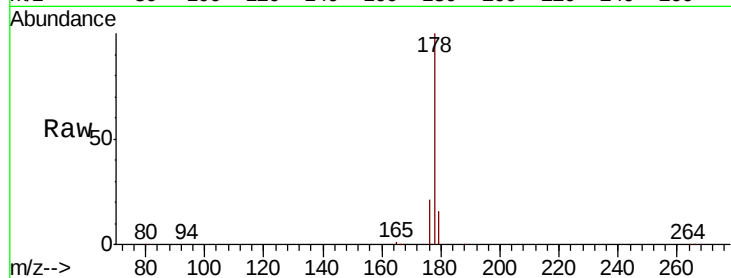
#12
Phenanthrene
Concen: 66.850 ng/ul m
RT: 17.27 min Scan# 2674
Delta R.T. 0.01 min
Lab File: BE098590.D
Acq: 29 Dec 2018 00:50

Instrument :
BNA_E
ClientSampled :
F9F86

Tot Ion:178 Resp: 1478964
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 20.7 15.7 23.5

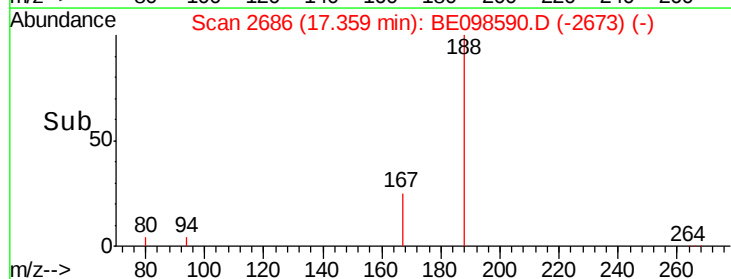
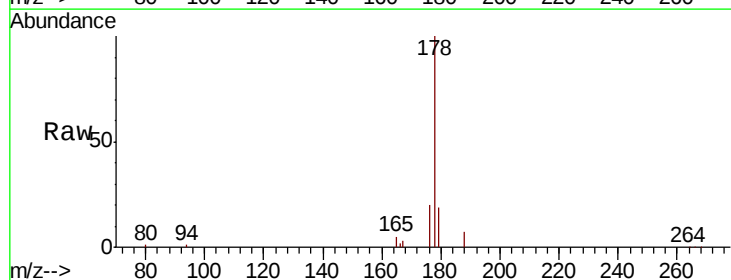
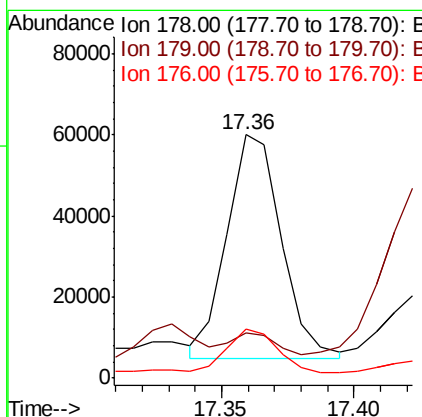
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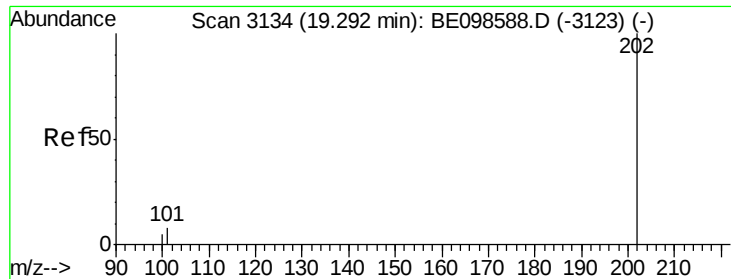
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#13
Anthracene
Concen: 4.279 ng/ul m
RT: 17.36 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BE098590.D
Acq: 29 Dec 2018 00:50

Tgt Ion:178 Resp: 79254
Ion Ratio Lower Upper
178 100
179 18.7 12.6 19.0
176 20.4 15.6 23.4





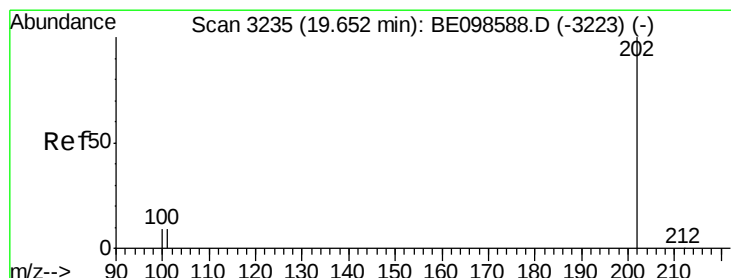
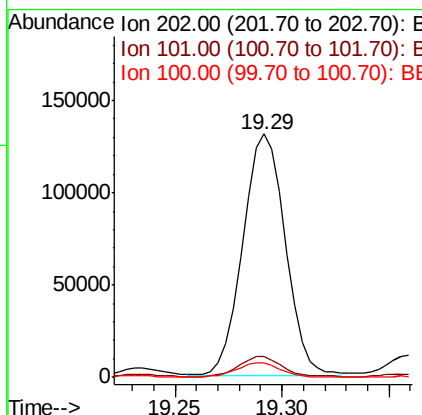
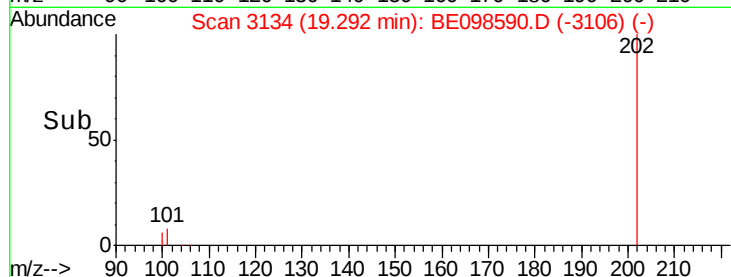
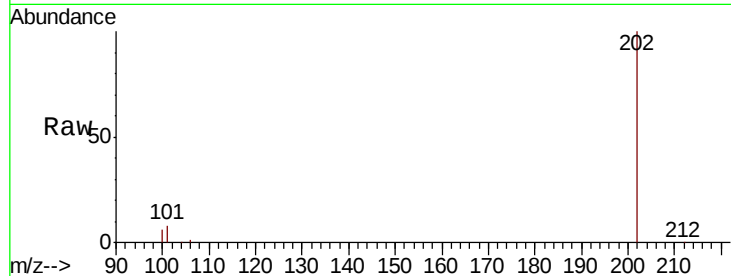
#15
Fluoranthene
 Concen: 6.309 ng/ul m
 RT: 19.29 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BE098590.D
 Acq: 29 Dec 2018 00:50

Instrument :
 BNA_E
 ClientSampleId :
 F9F86

Tot Ion:	202	Resp:	180165
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	27.5
100	5.8	0.0	26.0

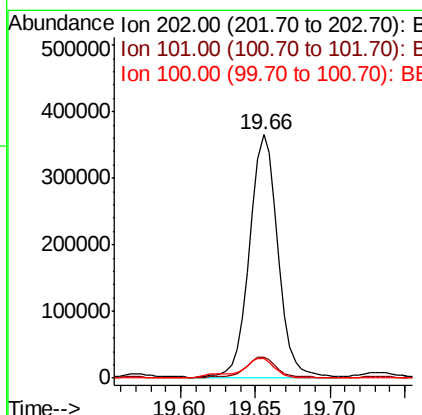
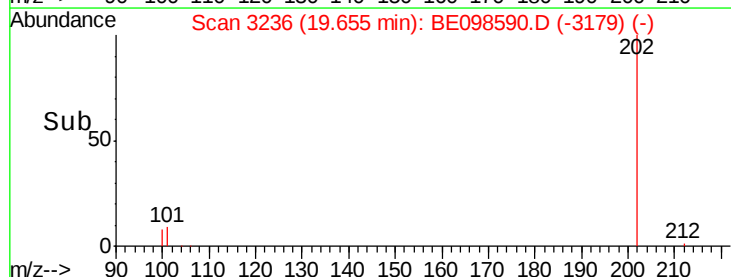
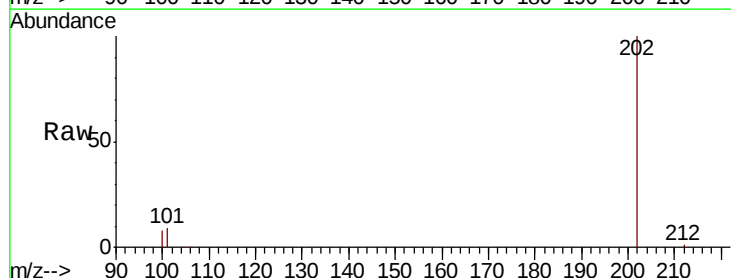
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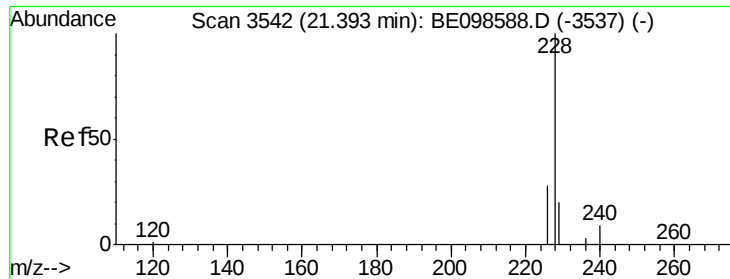
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#17
Pyrene
 Concen: 16.832 ng/ul
 RT: 19.66 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: BE098590.D
 Acq: 29 Dec 2018 00:50

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: 6.634 ng/ul m

RT: 21.39 min Scan# 3542

Delta R.T. -0.00 min

Lab File: BE098590.D

Acq: 29 Dec 2018 00:50

Instrument :

BNA_E

ClientSampled :

F9F86

Tot Ion:228 Resp: 171517
Ion Ratio Lower Upper

228 100

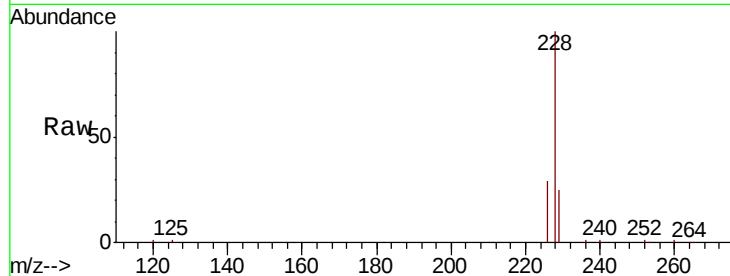
229 25.3 16.1 24.1#

226 29.1 22.2 33.4

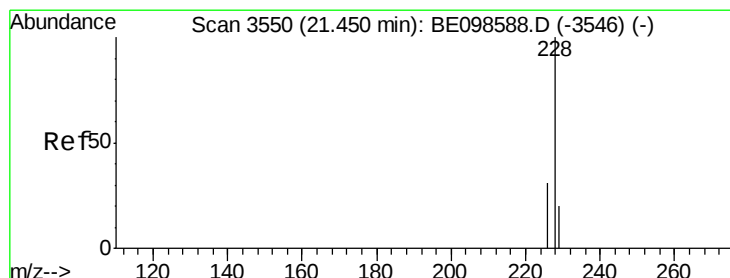
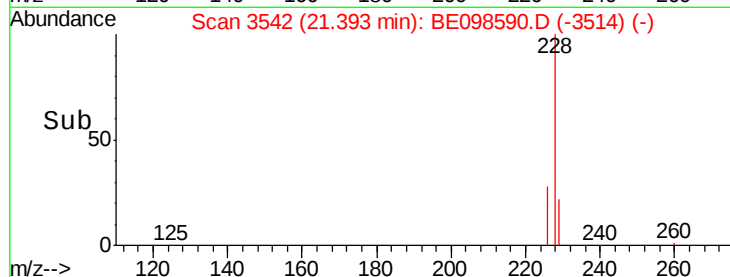
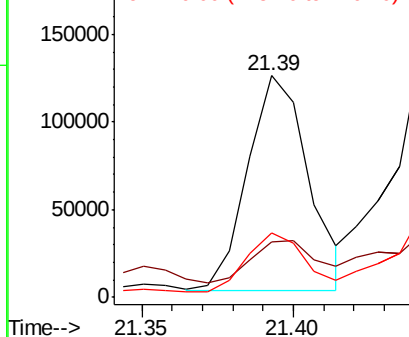
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 9.676 ng/ul

RT: 21.45 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BE098590.D

Acq: 29 Dec 2018 00:50

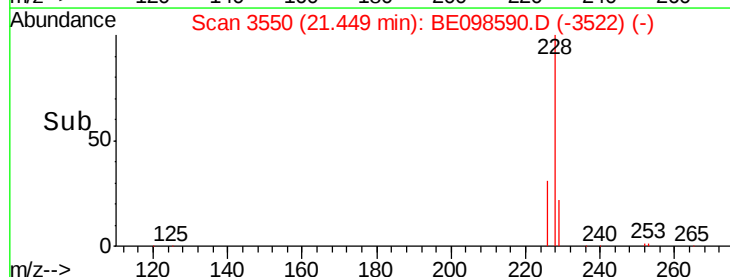
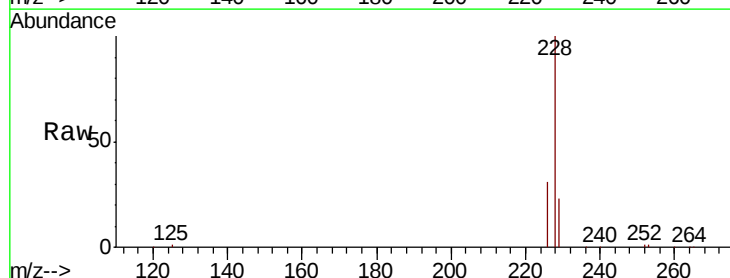
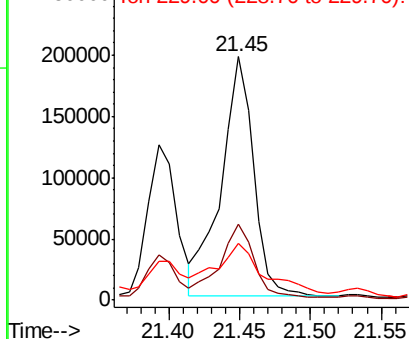
Tgt Ion:228 Resp: 310056
Ion Ratio Lower Upper

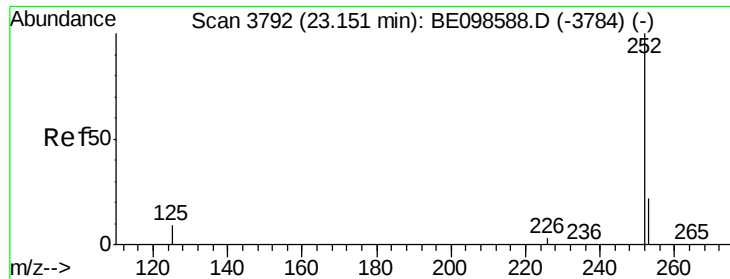
228 100

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





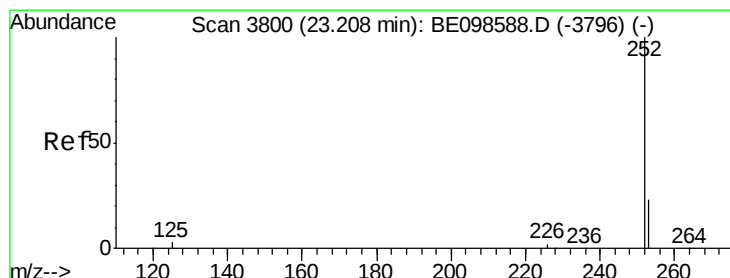
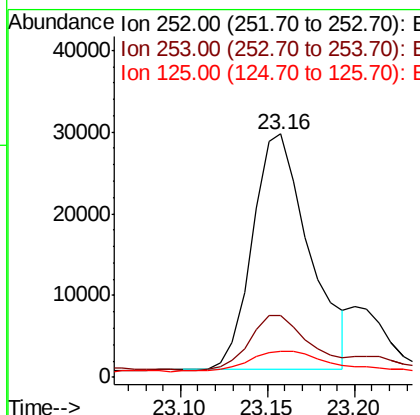
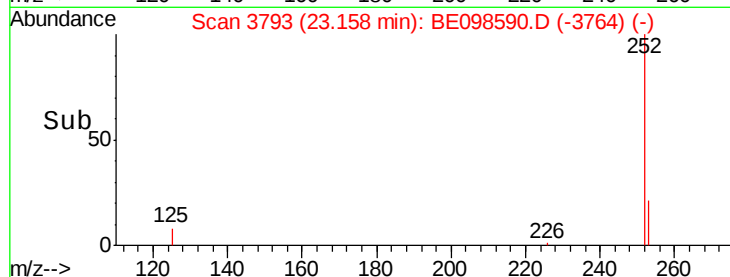
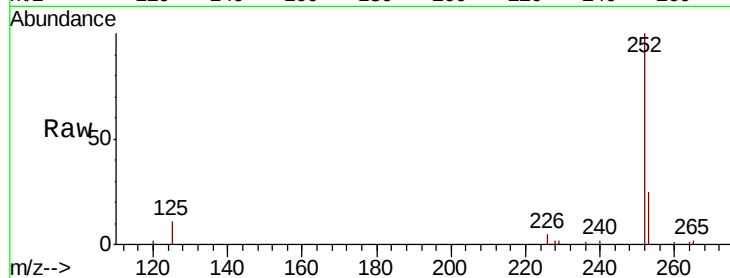
#21
Benzo(b)fluoranthene
Concen: 2.785 ng/ul m
RT: 23.16 min Scan# 3793
Delta R.T. 0.01 min
Lab File: BE098590.D
Acq: 29 Dec 2018 00:50

Instrument :
BNA_E
ClientSampleId :
F9F86

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.2	0.0	47.8
125	10.9	0.0	16.8

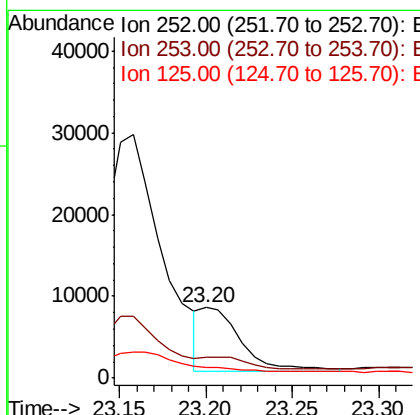
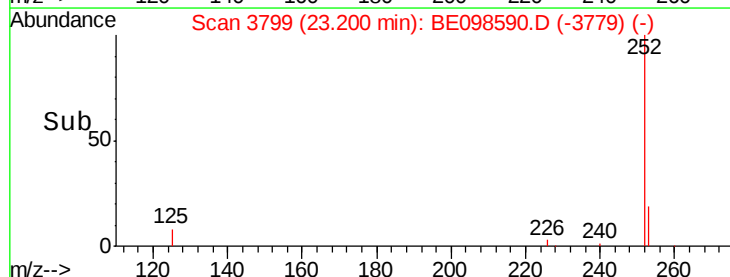
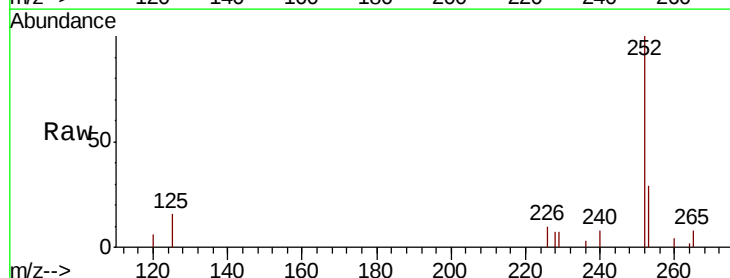
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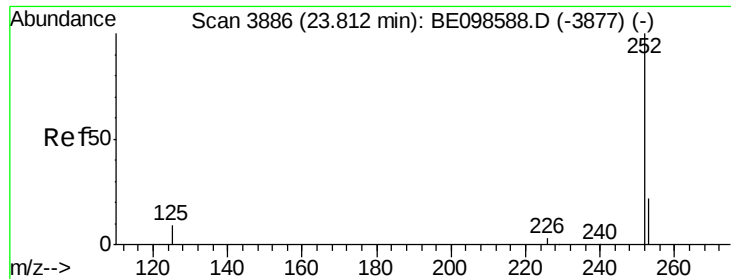
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#22
Benzo(k)fluoranthene
Concen: 0.499 ng/ul m
RT: 23.20 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BE098590.D
Acq: 29 Dec 2018 00:50

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	29.5	19.3	28.9#
125	15.6	6.2	9.2#





#23

Benzo(a)pyrene

Concen: 2.450 ng/ul

RT: 23.81 min Scan# 3886

Delta R.T. -0.00 min

Lab File: BE098590.D

Acq: 29 Dec 2018 00:50

Instrument :

BNA_E

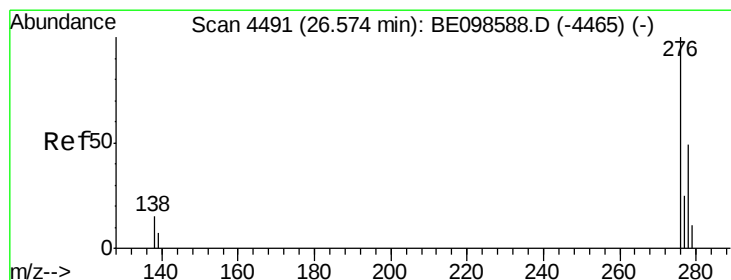
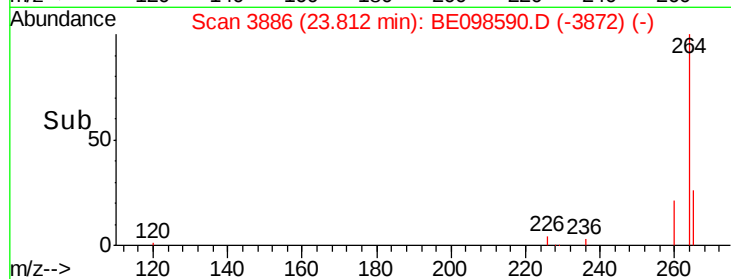
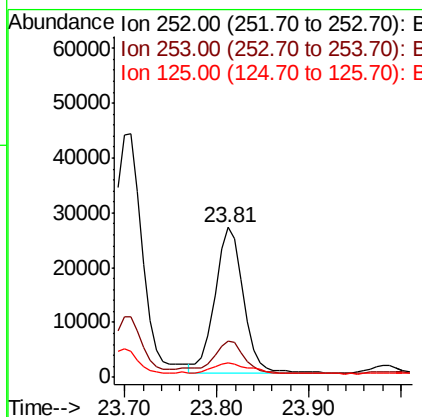
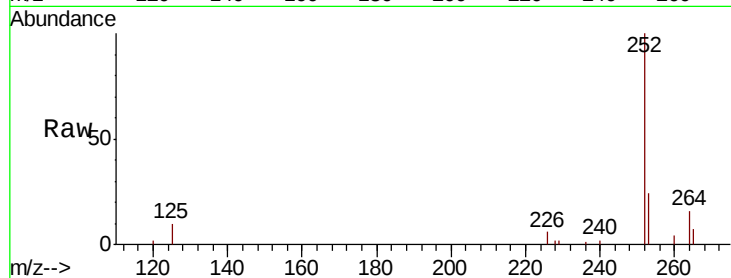
ClientSampled :

F9F86

Tot Ion:	252	Resp:	56516
Ion Ratio	Lower	Upper	
252	100		
253	24.1	19.4	29.2
125	10.0	7.8	11.8

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.699 ng/ul

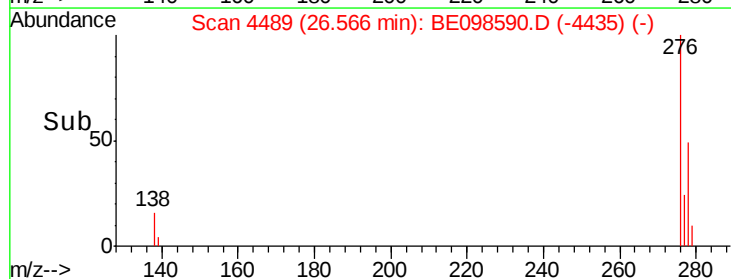
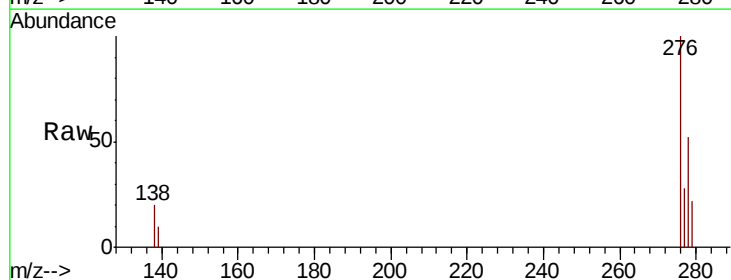
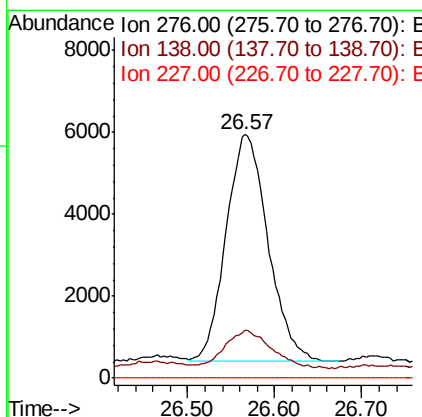
RT: 26.57 min Scan# 4489

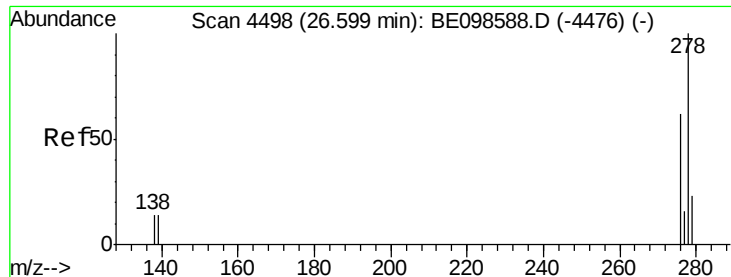
Delta R.T. -0.01 min

Lab File: BE098590.D

Acq: 29 Dec 2018 00:50

Tgt Ion:	276	Resp:	18527
Ion Ratio	Lower	Upper	
276	100		
138	19.0	11.8	17.8#
227	0.0	0.0	0.0





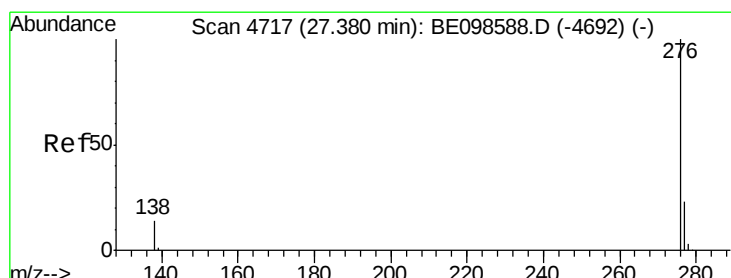
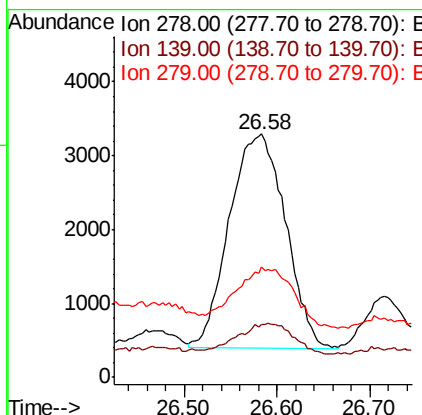
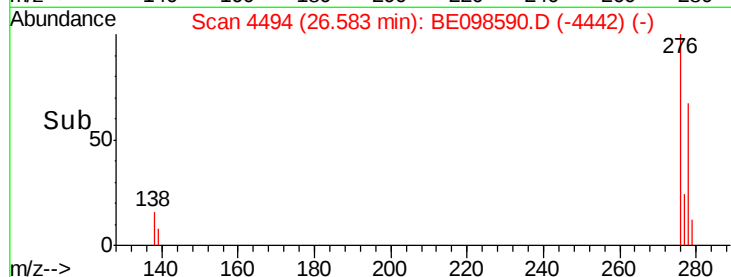
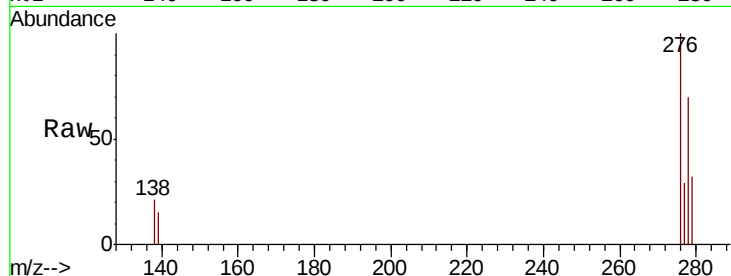
#25
Dibenzo(a,h)anthracene
Concen: 0.562 ng/ul
RT: 26.58 min Scan# 4494
Delta R.T. -0.02 min
Lab File: BE098590.D
Acq: 29 Dec 2018 00:50

Instrument :
BNA_E
ClientSampled :
F9F86

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.7	10.0	15.0#
279	45.4	20.3	30.5#

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:16 PM



#26
Benzo(g,h,i)perylene
Concen: 1.184 ng/ul
RT: 27.38 min Scan# 4718
Delta R.T. 0.00 min
Lab File: BE098590.D
Acq: 29 Dec 2018 00:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	11.6	17.4
277	25.6	20.8	31.2

