

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
 Data File : BE098078.D
 Acq On : 26 Oct 2018 5:05
 Operator : SJ/JU
 Sample : J5598-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Manual Integrations
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Quant Time: Oct 26 08:24:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 26 07:43:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1182	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5903	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4383	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	10312m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	11483m	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	11063m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2554	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	9172m	0.27	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	5052	0.358	ng/ul	100
5) 2-Methylnaphthalene	12.35	142	1414	0.132	ng/ul	100
7) Acenaphthylene	14.26	152	3802	0.220	ng/ul	96
8) Acenaphthene	14.60	153	679	0.053	ng/ul#	90
9) Fluorene	15.59	166	549	0.035	ng/ul#	93
12) Phenanthrene	17.33	178	9245m	0.388	ng/ul	
13) Anthracene	17.42	178	6148m	0.262	ng/ul	
15) Fluoranthene	19.35	202	72947m	2.404	ng/ul	
17) Pyrene	19.71	202	111704	4.166	ng/ul	99
18) Benzo(a)anthracene	21.46	228	82741m	2.451	ng/ul	
19) Chrysene	21.51	228	76944m	2.946	ng/ul	
21) Benzo(b)fluoranthene	23.24	252	176343m	5.753	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	49980m	1.666	ng/ul	
23) Benzo(a)pyrene	23.91	252	66180m	2.245	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.71	276	54300m	1.607	ng/ul	
25) Dibenzo(a,h)anthracene	26.73	278	13469m	0.478	ng/ul	
26) Benzo(g,h,i)perylene	27.55	276	39294m	1.382	ng/ul	

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

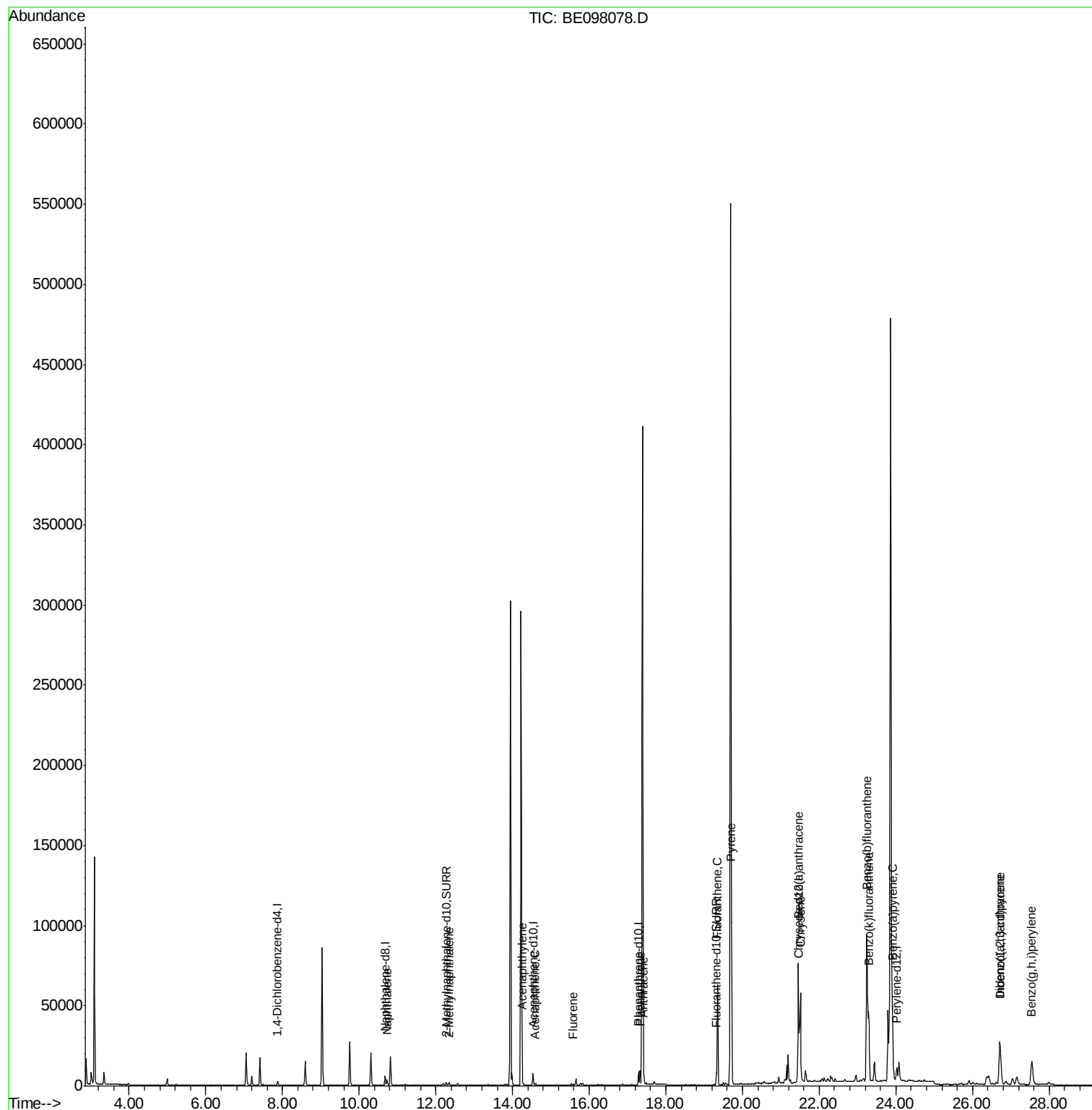
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Data File : BE098078.D
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ALS Vial : 29 Sample Multiplier: 1

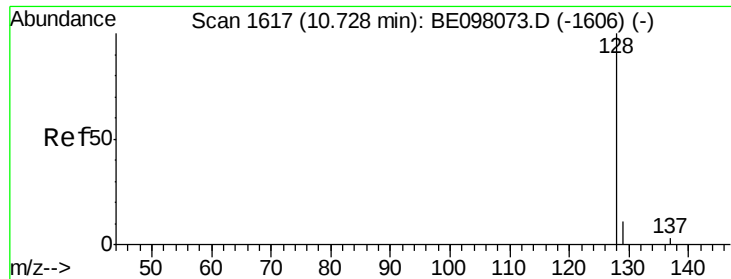
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
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#3

Naphthalene

Concen: 0.358 ng/ul

RT: 10.73 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BE098078.D

Acq: 26 Oct 2018 5:05

Instrument :

BNA_E

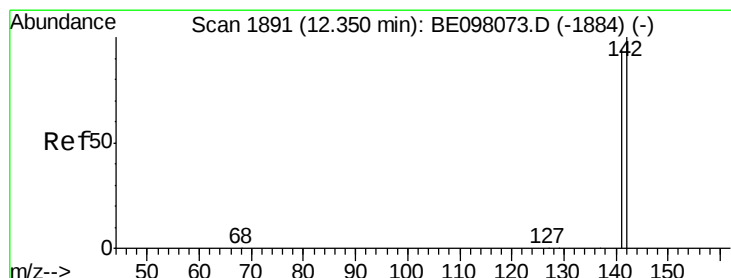
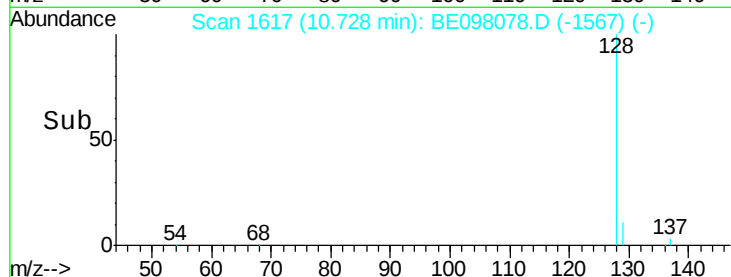
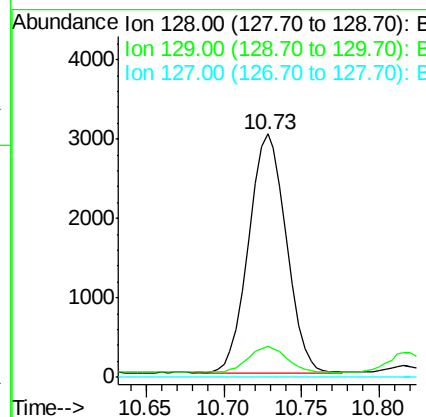
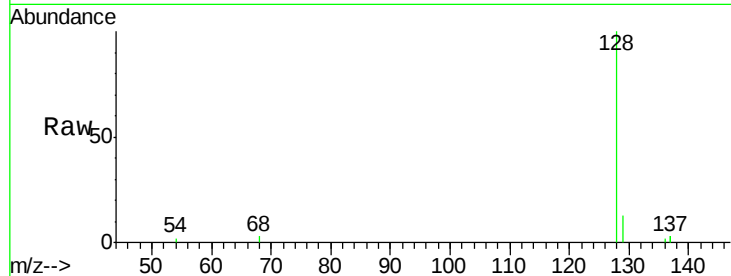
ClientSampleId :

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Tgt Ion:	128	Resp:	5052
Ion Ratio	Lower	Upper	
128	100		
129	13.0	10.5	15.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.132 ng/ul

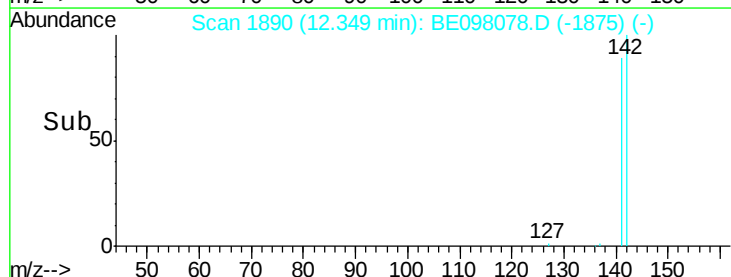
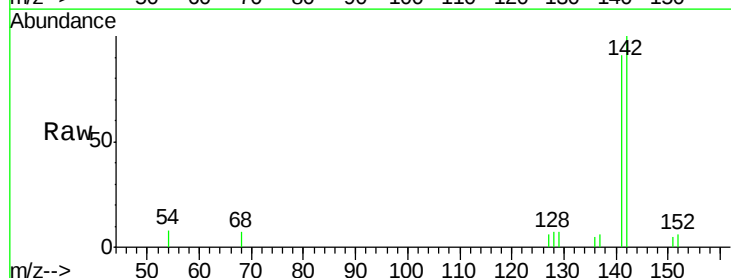
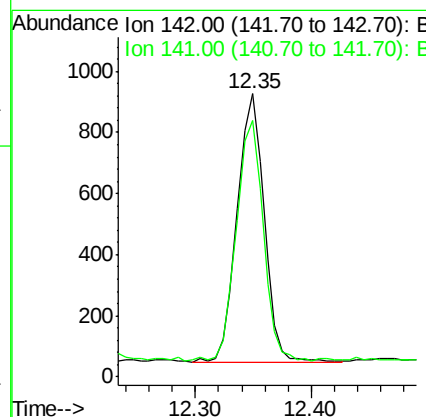
RT: 12.35 min Scan# 1890

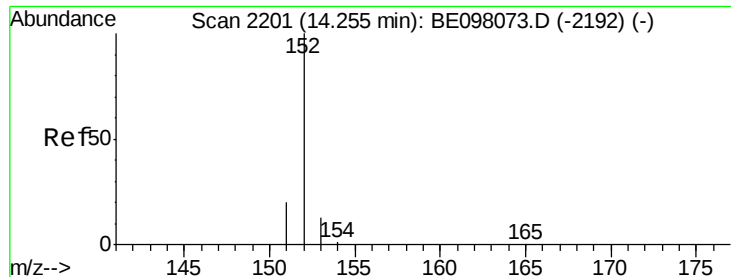
Delta R.T. -0.00 min

Lab File: BE098078.D

Acq: 26 Oct 2018 5:05

Tgt Ion:	142	Resp:	1414
Ion Ratio	Lower	Upper	
142	100		
141	90.2	72.5	108.7





#7

Acenaphthylene

Concen: 0.220 ng/u1

RT: 14.26 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BE098078.D

Acq: 26 Oct 2018 5:05

Instrument :

BNA_E

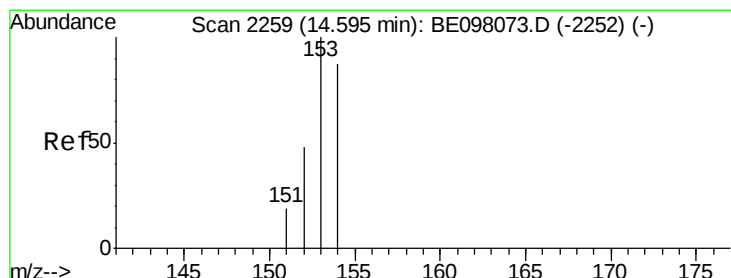
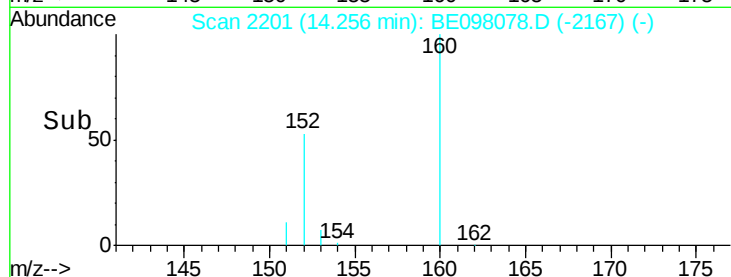
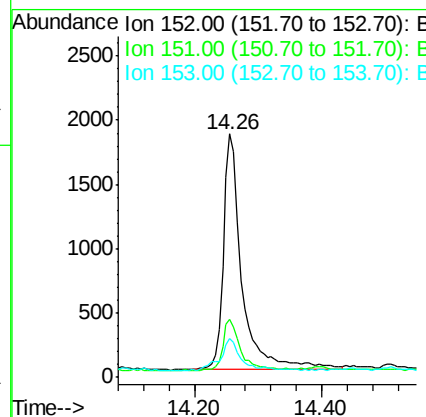
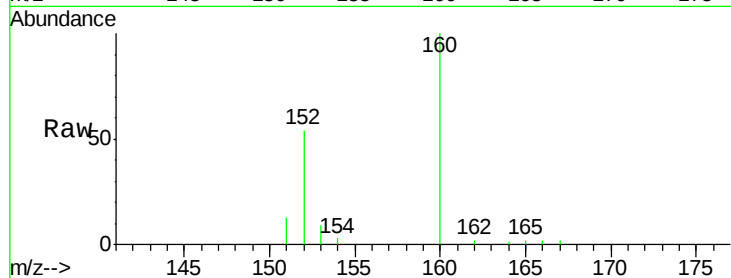
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Tgt Ion:	152	Resp:	3802
Ion Ratio	Lower	Upper	
152	100		
151	23.9	17.3	25.9
153	15.8	11.9	17.9

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#8

Acenaphthene

Concen: 0.053 ng/u1

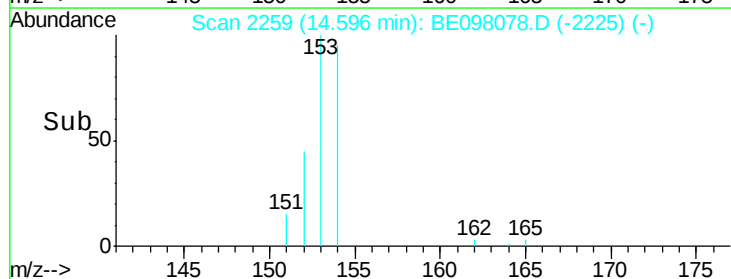
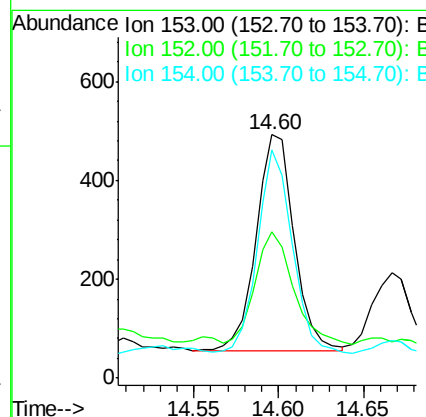
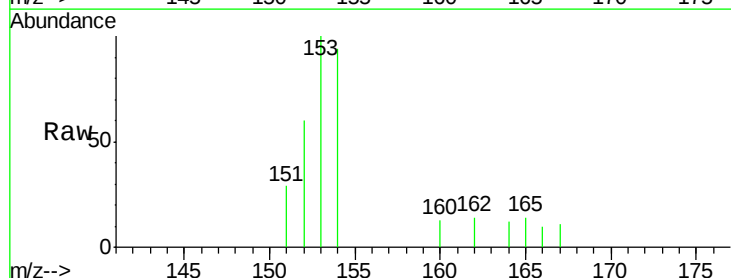
RT: 14.60 min Scan# 2259

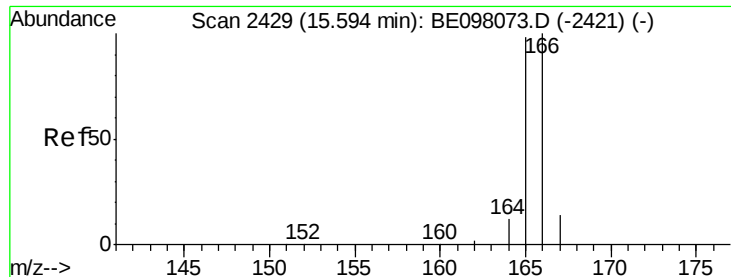
Delta R.T. 0.00 min

Lab File: BE098078.D

Acq: 26 Oct 2018 5:05

Tgt Ion:	153	Resp:	679
Ion Ratio	Lower	Upper	
153	100		
152	59.8	39.4	59.0#
154	93.9	70.5	105.7





#9

Fluorene

Concen: 0.035 ng/ul

RT: 15.59 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BE098078.D

Acq: 26 Oct 2018 5:05

Instrument :

BNA_E

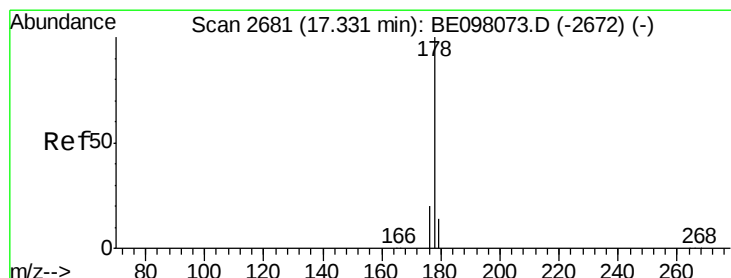
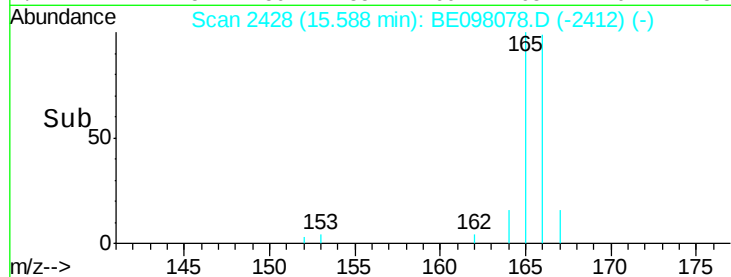
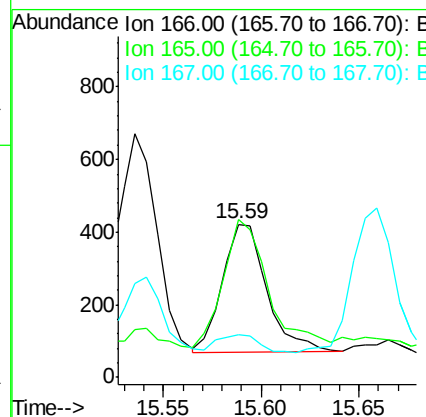
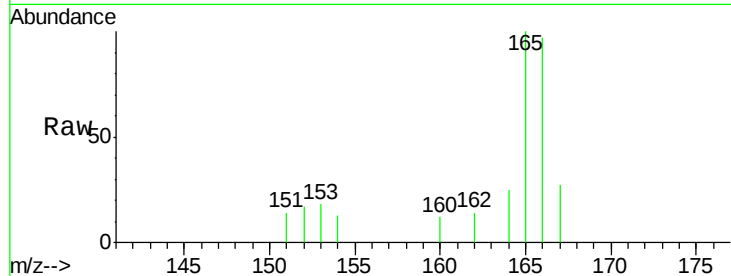
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.6	80.2	120.4
167	28.0	12.0	18.0

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#12

Phenanthrene

Concen: 0.388 ng/ul m

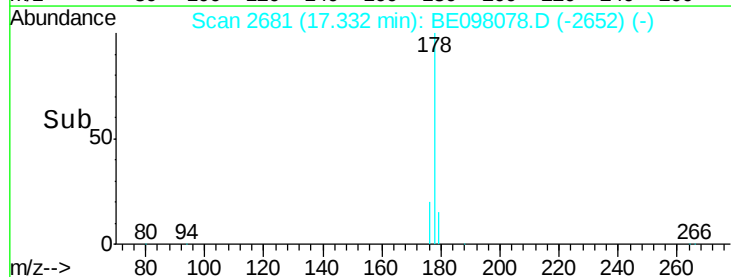
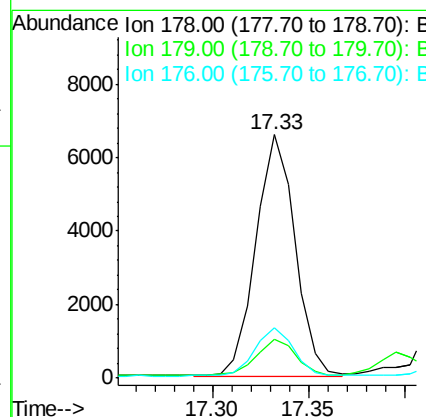
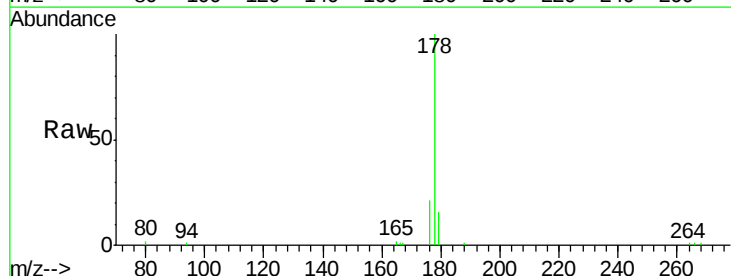
RT: 17.33 min Scan# 2681

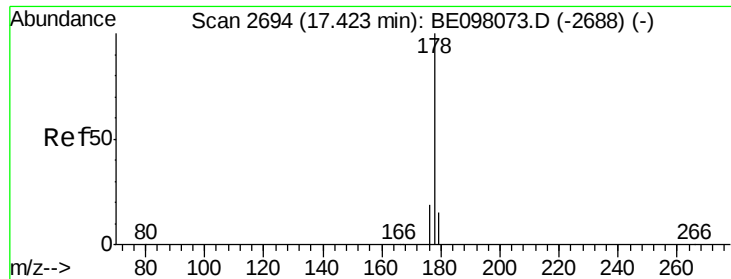
Delta R.T. 0.00 min

Lab File: BE098078.D

Acq: 26 Oct 2018 5:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.4
176	20.8	15.7	23.5





#13

Anthracene

Concen: 0.262 ng/ul m

RT: 17.42 min Scan# 2694

Delta R.T. 0.00 min

Lab File: BE098078.D

Acq: 26 Oct 2018 5:05

Instrument :

BNA_E

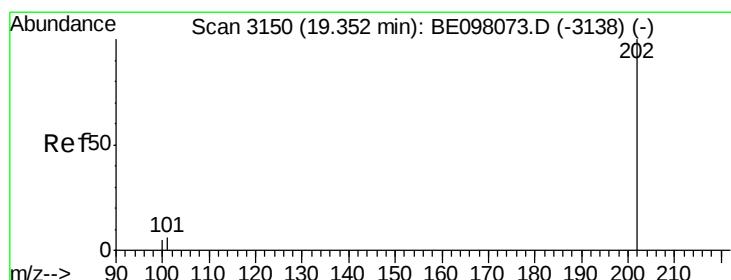
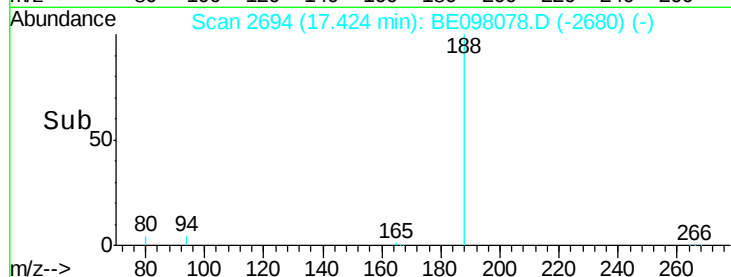
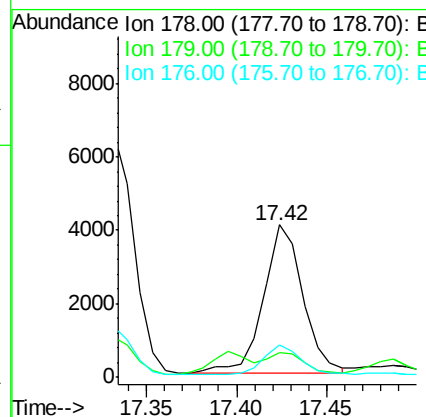
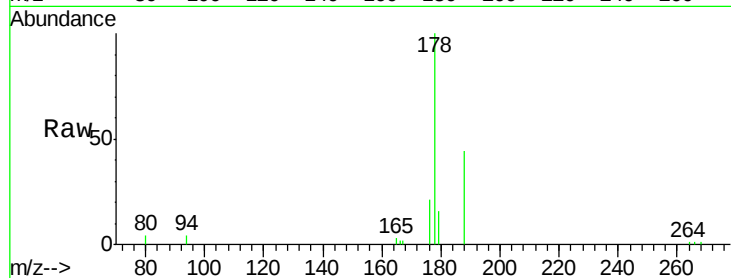
ClientSampleId :

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Tgt Ion:	178	Resp:	6148
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.6	19.0
176	21.1	15.6	23.4

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#15

Fluoranthene

Concen: 2.404 ng/ul m

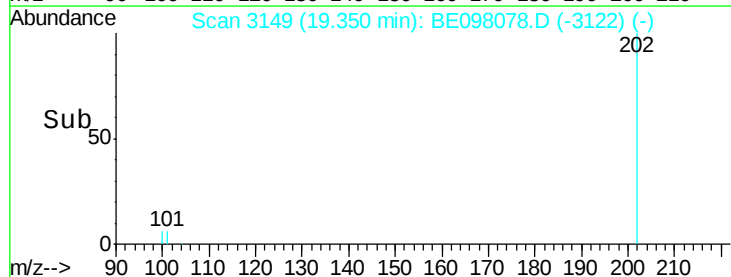
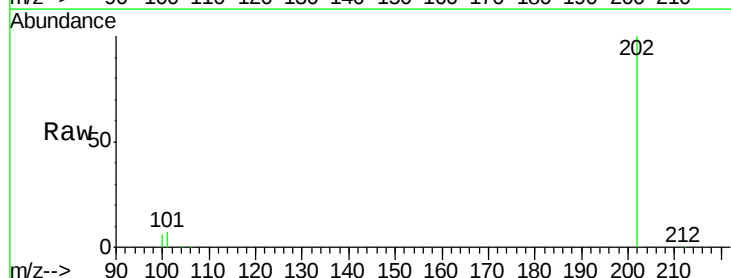
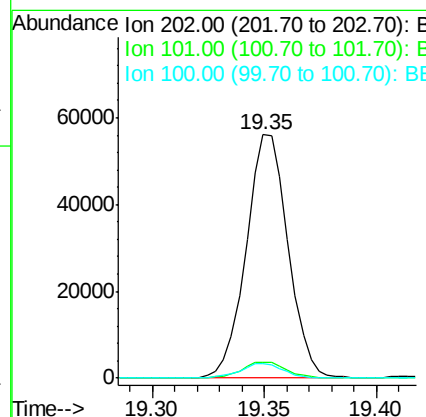
RT: 19.35 min Scan# 3149

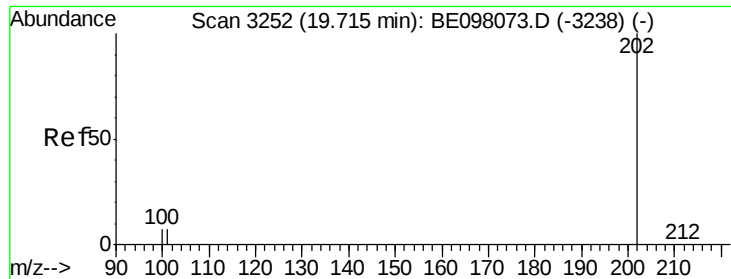
Delta R.T. -0.00 min

Lab File: BE098078.D

Acq: 26 Oct 2018 5:05

Tgt Ion:	202	Resp:	72947
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	27.5
100	6.0	0.0	26.0





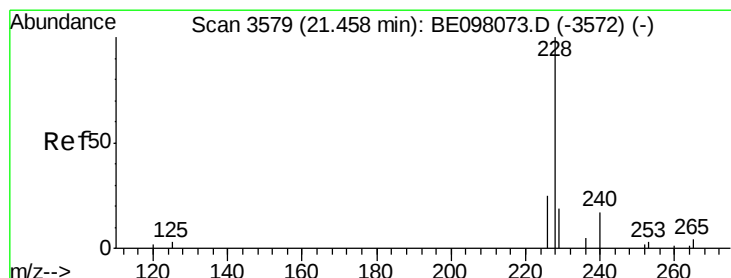
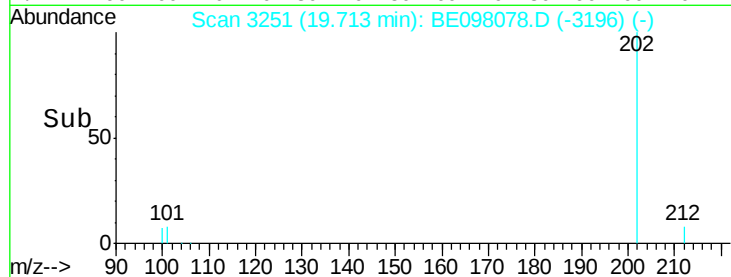
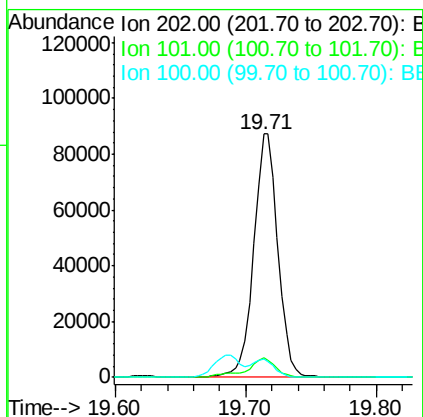
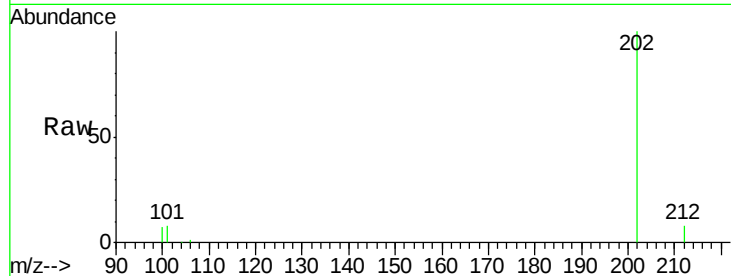
#17
Pyrene
 Concen: 4.166 ng/ul
 RT: 19.71 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BE098078.D
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Tgt Ion:	202	Resp:	111704
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.9	10.3
100	7.5	6.0	9.0

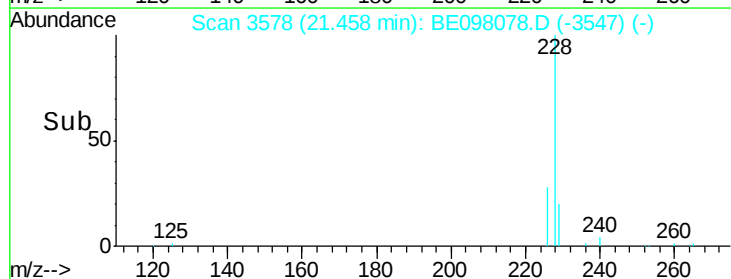
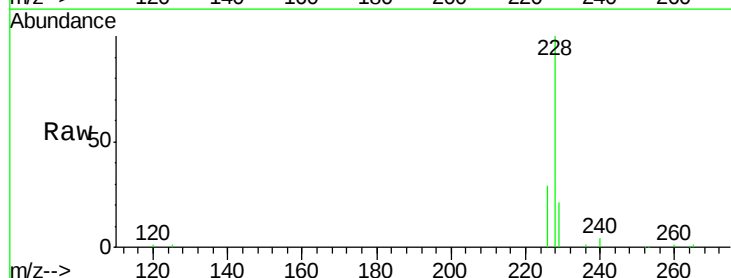
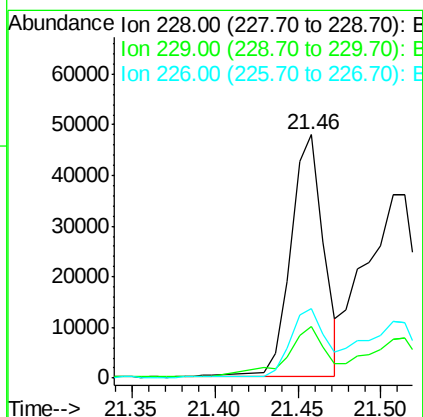
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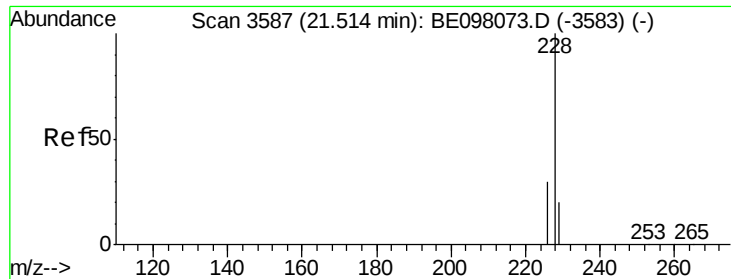
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#18
Benzo(a)anthracene
 Concen: 2.451 ng/ul m
 RT: 21.46 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: BE098078.D
 Acq: 26 Oct 2018 5:05

Tgt Ion:	228	Resp:	82741
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.1	24.1
226	28.7	22.2	33.4





#19

Chrysene

Concen: 2.946 ng/ul m

RT: 21.51 min Scan# 3586

Delta R.T. -0.00 min

Lab File: BE098078.D

Acq: 26 Oct 2018 5:05

Instrument :

BNA_E

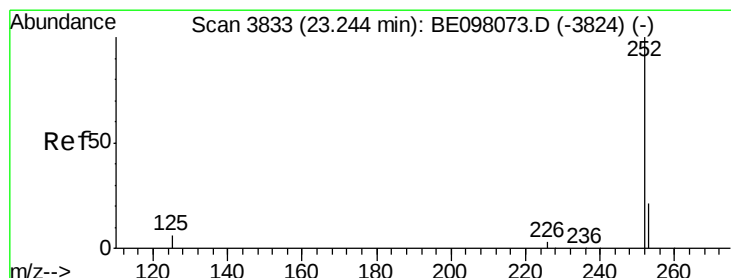
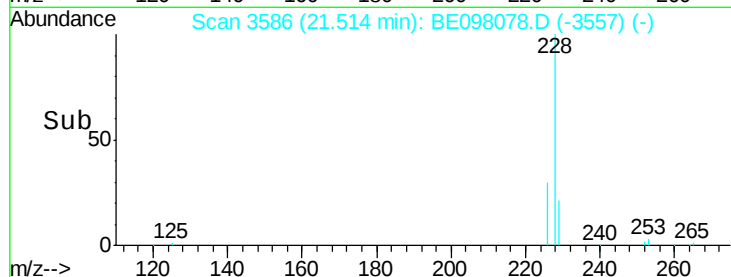
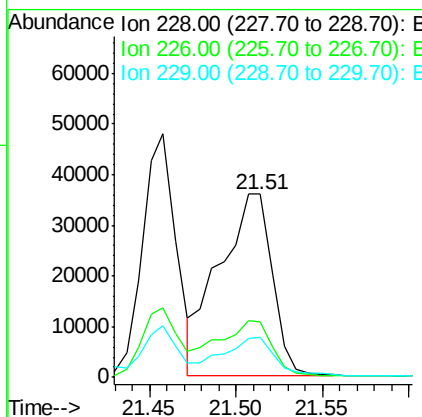
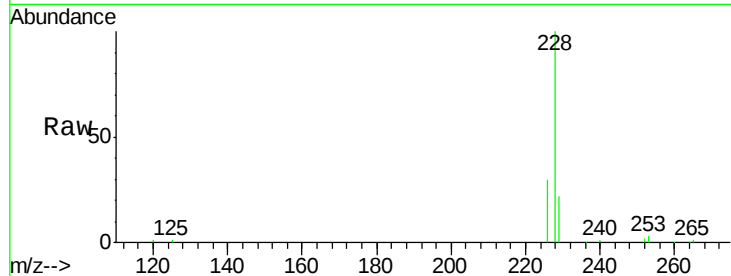
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Tgt Ion:	228	Resp:	76944
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.6	37.0
229	21.7	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 5.753 ng/ul m

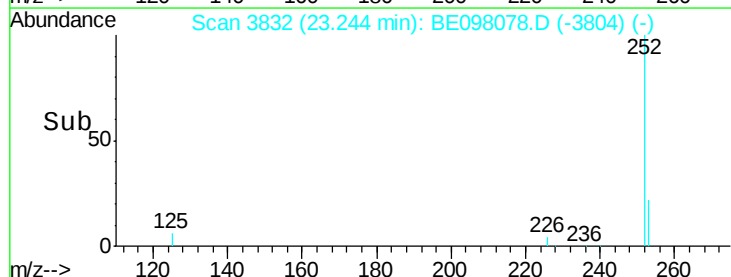
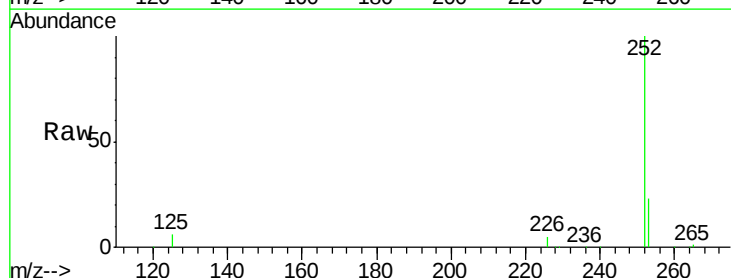
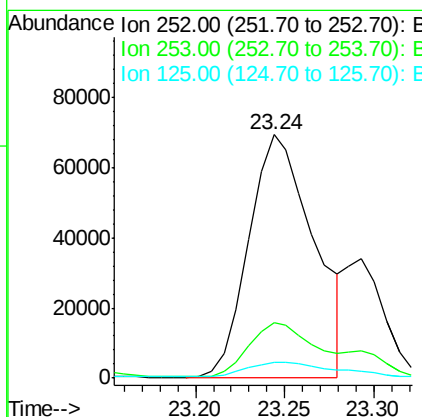
RT: 23.24 min Scan# 3832

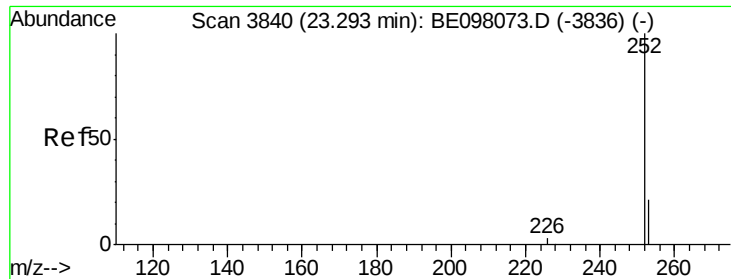
Delta R.T. -0.00 min

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Tgt Ion:	252	Resp:	176343
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	47.8
125	6.3	0.0	16.8





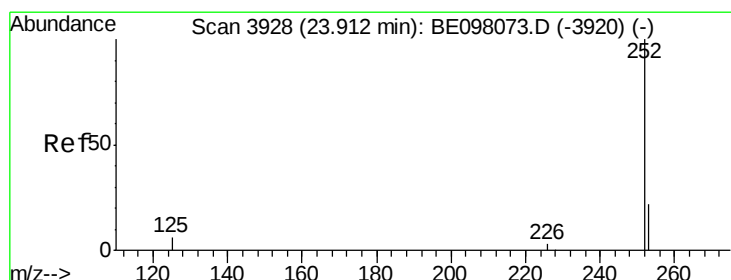
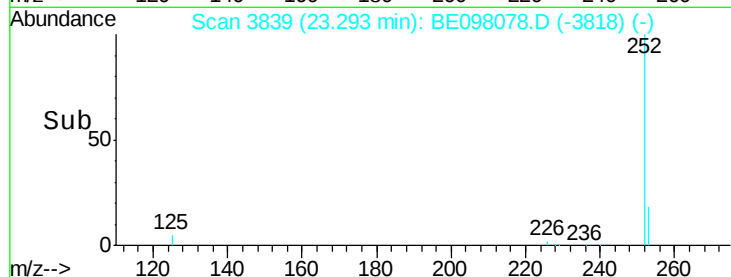
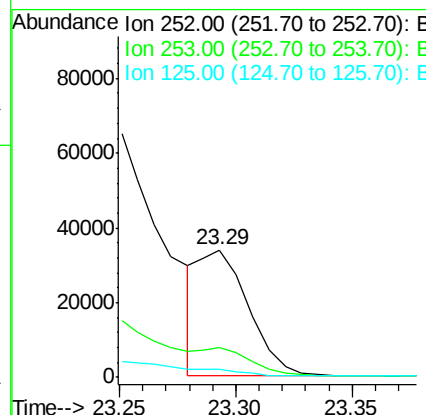
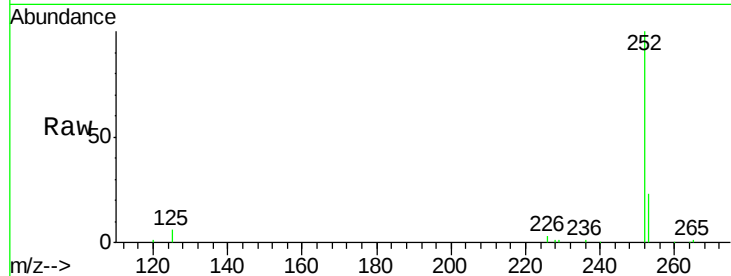
#22
Benzo(k)fluoranthene
Concen: 1.666 ng/ul m
RT: 23.29 min Scan# 3839
Delta R.T. -0.00 min
Lab File: BE098078.D
Acq: 26 Oct 2018 5:05

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.3	28.9
125	6.1	6.2	9.2#

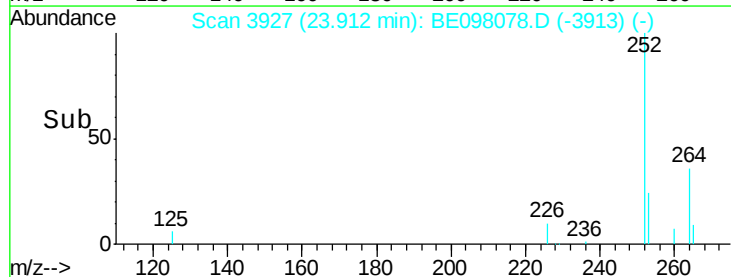
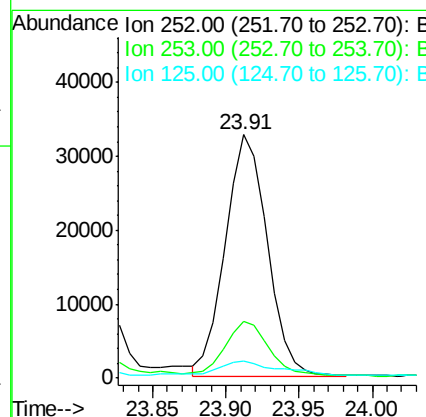
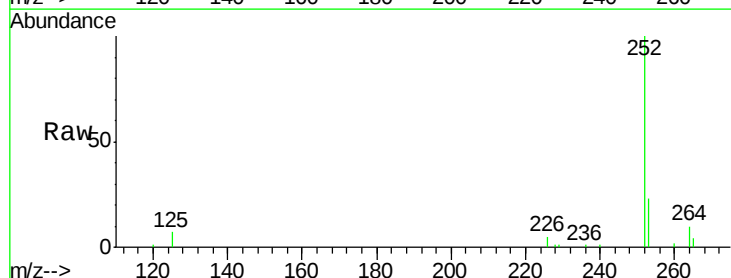
Manual Integrations
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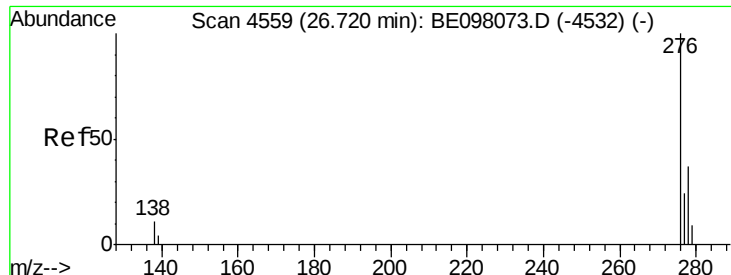
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#23
Benzo(a)pyrene
Concen: 2.245 ng/ul m
RT: 23.91 min Scan# 3927
Delta R.T. -0.00 min
Lab File: BE098078.D
Acq: 26 Oct 2018 5:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.2
125	7.0	7.8	11.8#





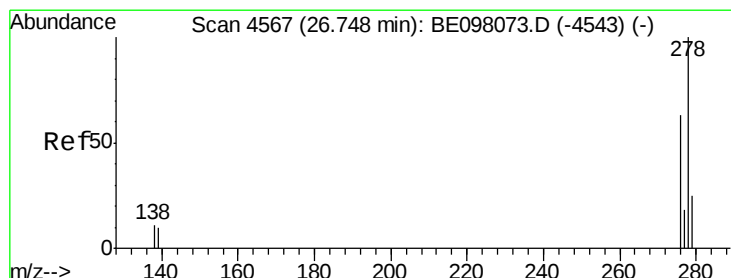
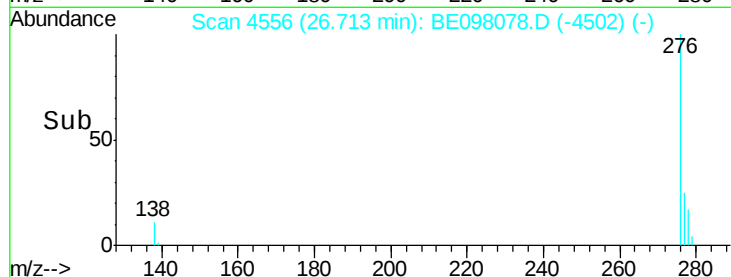
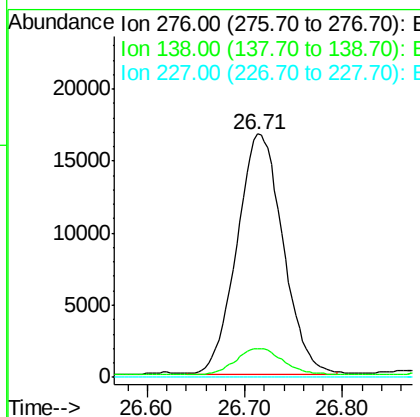
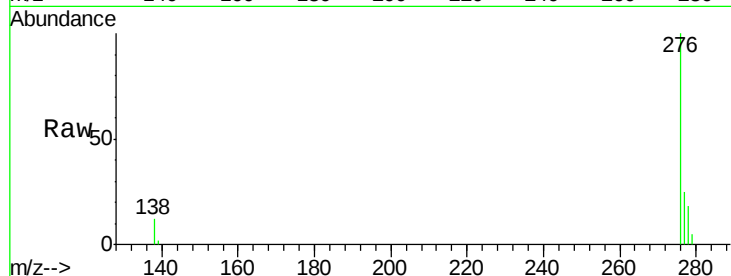
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.607 ng/ul m
 RT: 26.71 min Scan# 4556
 Delta R.T. -0.01 min
 Lab File: BE098078.D
 Acq: 26 Oct 2018 5:05

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.8	11.8	17.8#
227	0.0	0.0	0.0

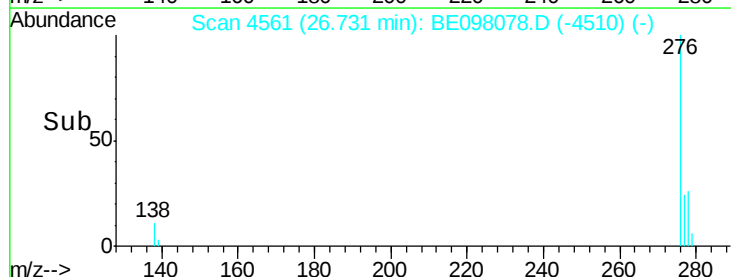
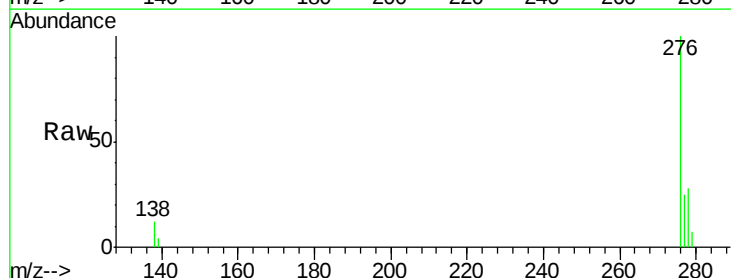
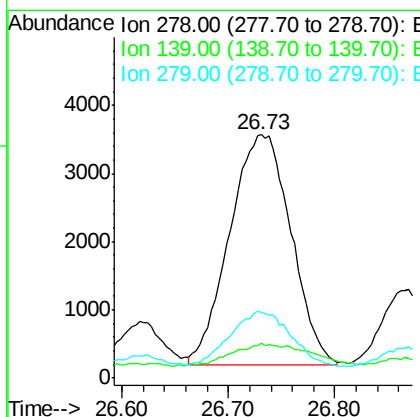
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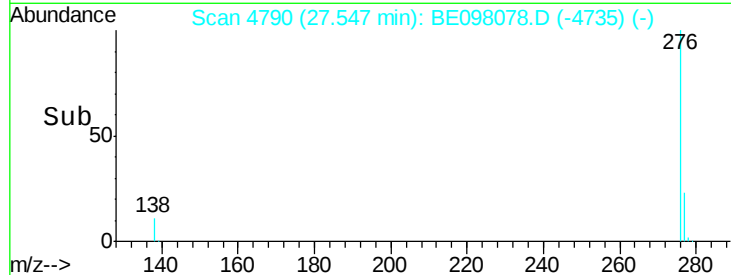
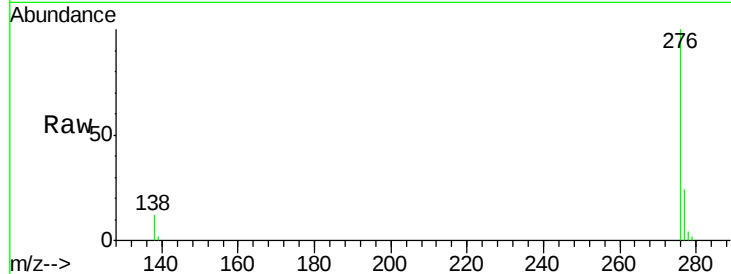
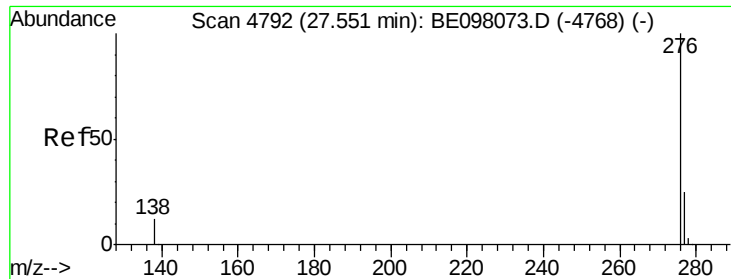
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.478 ng/ul m
 RT: 26.73 min Scan# 4561
 Delta R.T. -0.02 min
 Lab File: BE098078.D
 Acq: 26 Oct 2018 5:05

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.3	10.0	15.0
279	27.1	20.3	30.5





#26
 Benzo(g,h,i)perylene
 Concen: 1.382 ng/ul m
 RT: 27.55 min Scan# 4790
 Delta R.T. -0.00 min
 Lab File: BE098078.D
 Acq: 26 Oct 2018 5:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.3	11.6	17.4
277	24.2	20.8	31.2

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Manual Integrations
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