

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
 Data File : BE098092.D
 Acq On : 26 Oct 2018 17:14
 Operator : SJ/JU
 Sample : J5598-11DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5DL

Manual Integrations
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Sohil
 10/29/2018 3:09:25 PM

Quant Time: Oct 27 00:29:49 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 23:15:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1023	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5149	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3650	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8770	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	11685	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	10544	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	471	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	1637	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	974	0.079	ng/ul#	85
5) 2-Methylnaphthalene	12.34	142	291	0.031	ng/ul	96
7) Acenaphthylene	14.25	152	671	0.047	ng/ul#	78
12) Phenanthrene	17.33	178	1724	0.085	ng/ul#	93
13) Anthracene	17.42	178	1183	0.059	ng/ul#	84
15) Fluoranthene	19.35	202	13149	0.510	ng/ul	99
17) Pyrene	19.71	202	20070	0.736	ng/ul	99
18) Benzo(a)anthracene	21.45	228	13756	0.400	ng/ul	96
19) Chrysene	21.51	228	13345	0.502	ng/ul	98
21) Benzo(b)fluoranthene	23.24	252	32074m	1.098	ng/ul	
22) Benzo(k)fluoranthene	23.28	252	9362m	0.327	ng/ul	
23) Benzo(a)pyrene	23.91	252	11838	0.421	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.71	276	9766	0.303	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.73	278	2474	0.092	ng/ul#	73
26) Benzo(g,h,i)perylene	27.54	276	7305	0.270	ng/ul	98

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

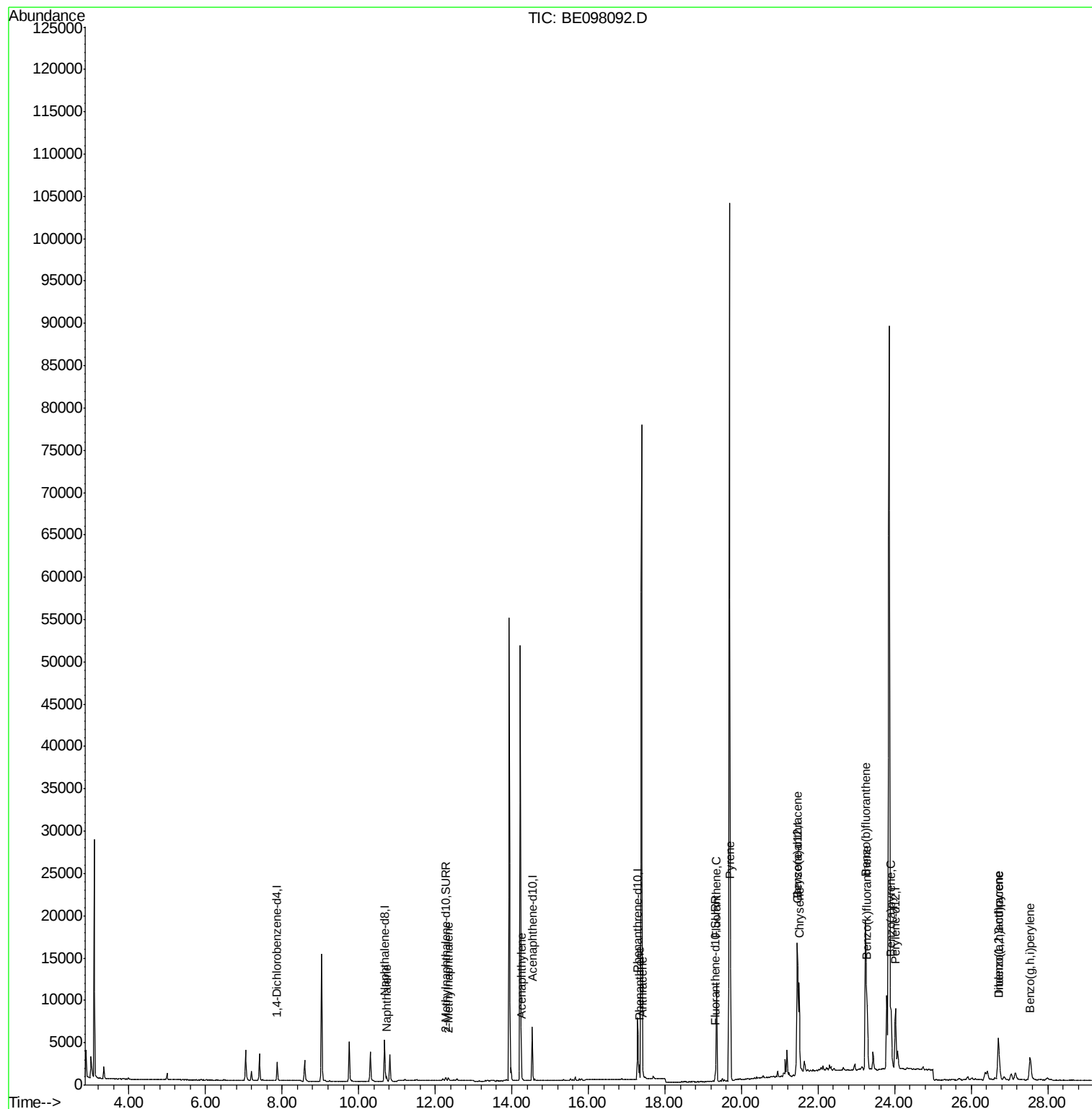
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
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ALS Vial : 13 Sample Multiplier: 1

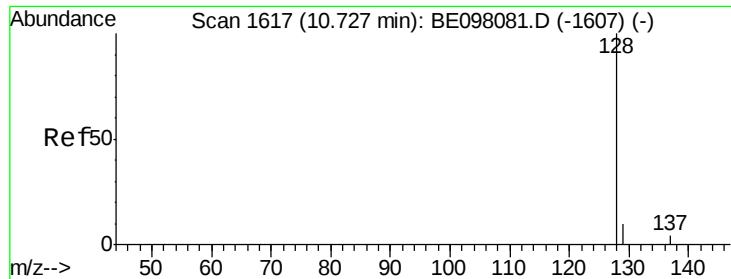
Instrument :
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C0AD5DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
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QLast Update : Fri Oct 26 23:15:36 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.079 ng/ul

RT: 10.73 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BE098092.D

Acq: 26 Oct 2018 17:14

Instrument :

BNA_E

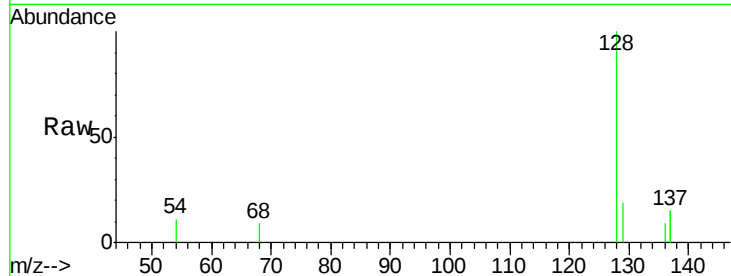
ClientSampleId :

C0AD5DL

Tgt Ion:	128	Resp:	974
Ion Ratio	Lower	Upper	
128	100		
129	19.1	10.5	15.7#
127	0.0	0.0	0.0

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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

10.73

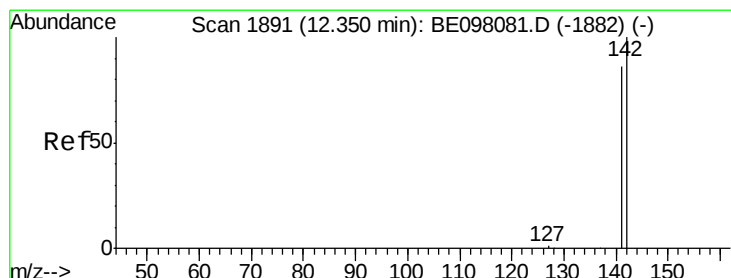
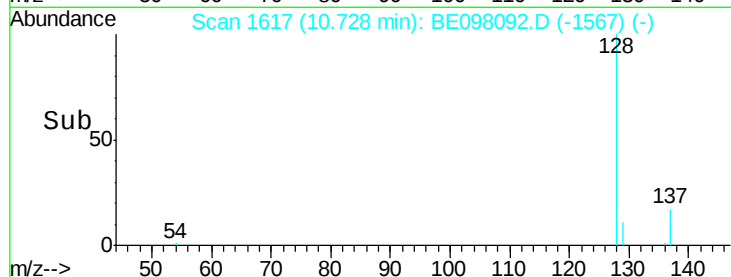
600

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

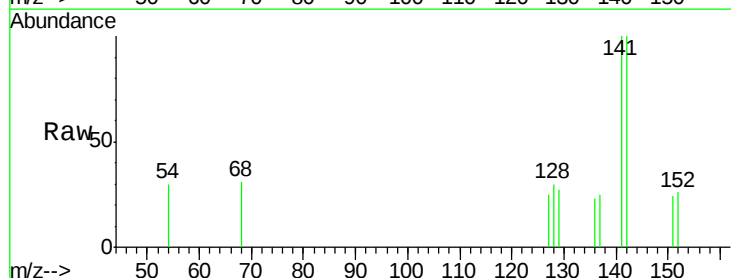
RT: 12.34 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BE098092.D

Acq: 26 Oct 2018 17:14

Tgt Ion:	142	Resp:	291
Ion Ratio	Lower	Upper	
142	100		
141	86.6	72.5	108.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

12.34

200

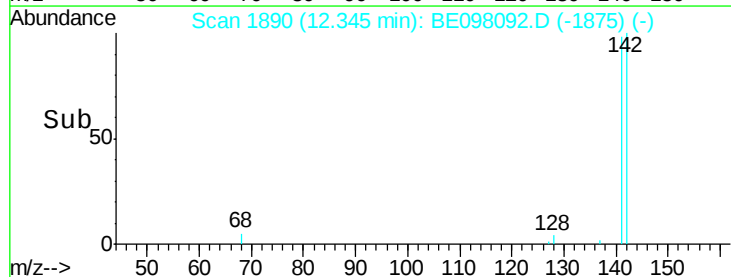
150

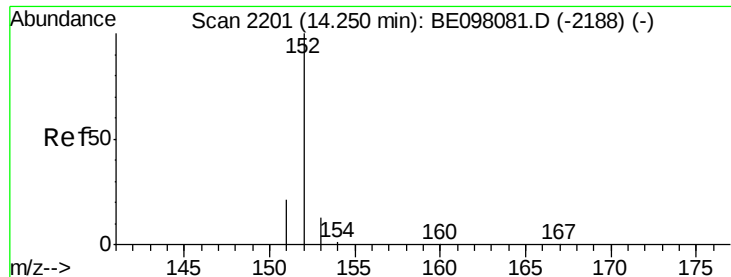
100

50

0

Time-->





#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 14.25 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BE098092.D

Acq: 26 Oct 2018 17:14

Instrument :

BNA_E

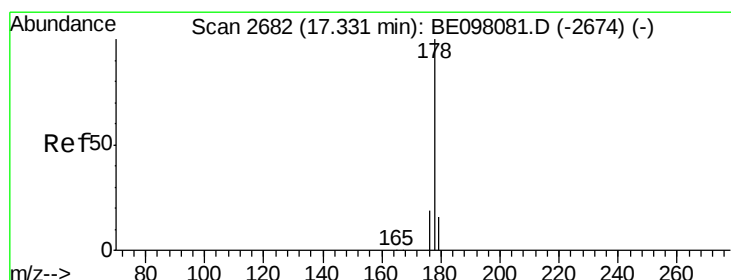
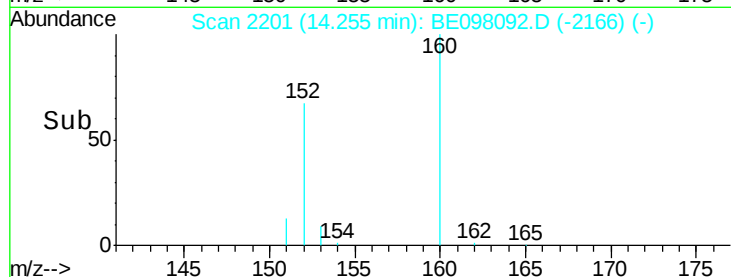
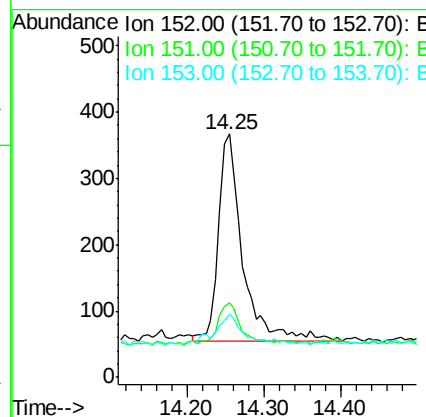
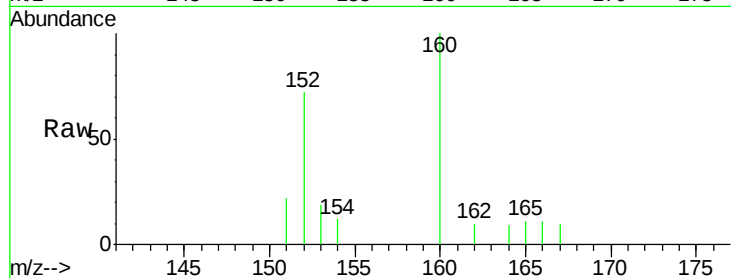
ClientSampled :

C0AD5DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	30.5	17.3	25.9#
153	26.2	11.9	17.9#

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#12

Phenanthrene

Concen: 0.085 ng/ul

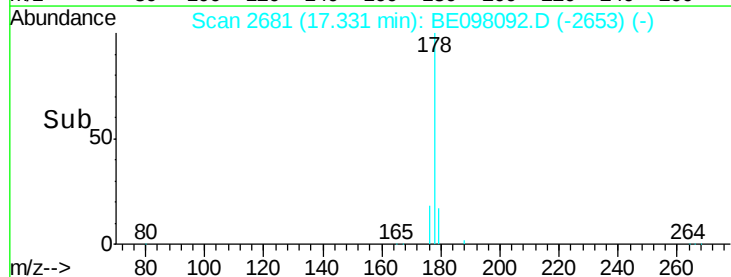
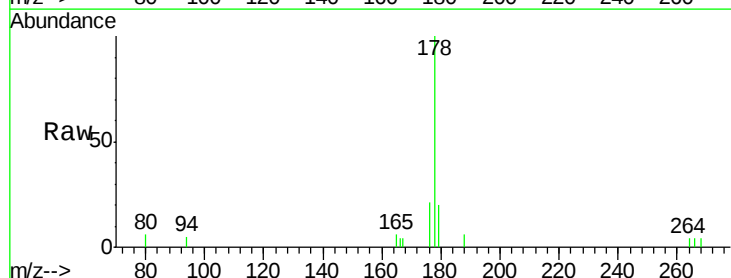
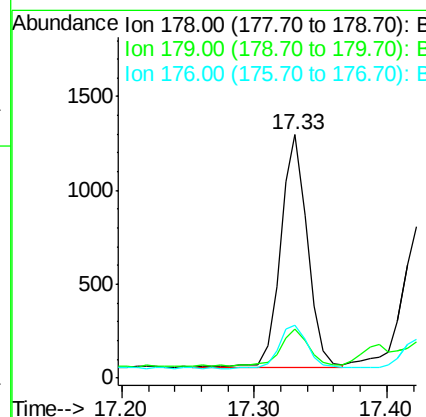
RT: 17.33 min Scan# 2681

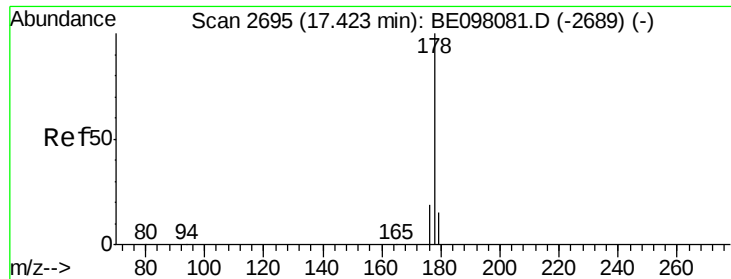
Delta R.T. -0.00 min

Lab File: BE098092.D

Acq: 26 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.3	13.0	19.4#
176	21.5	15.7	23.5





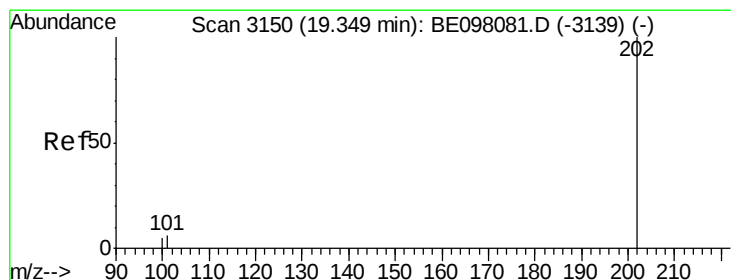
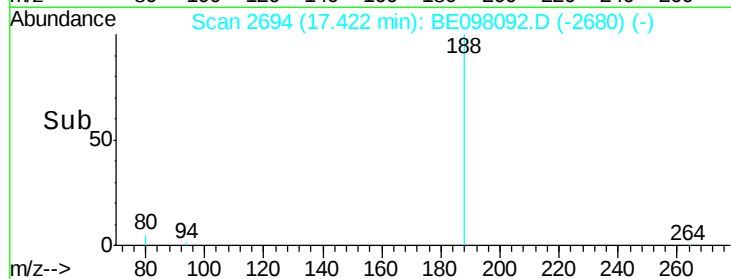
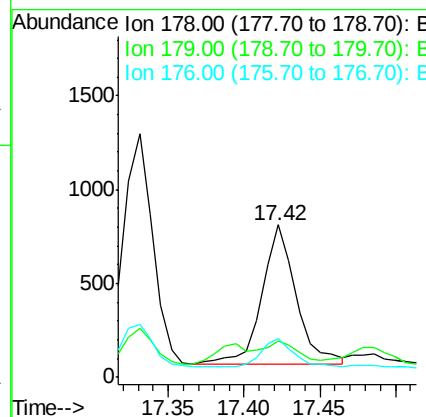
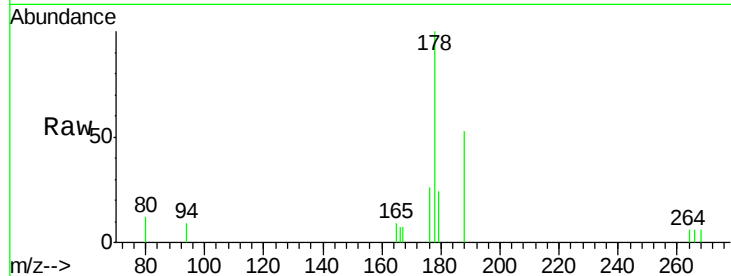
#13
 Anthracene
 Concen: 0.059 ng/ul
 RT: 17.42 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: BE098092.D
 Acq: 26 Oct 2018 17:14

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.2	12.6	19.0#
176	25.5	15.6	23.4#

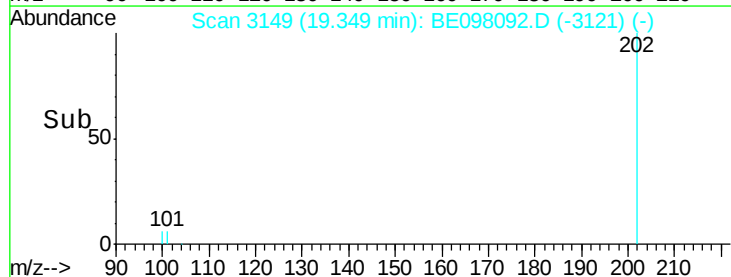
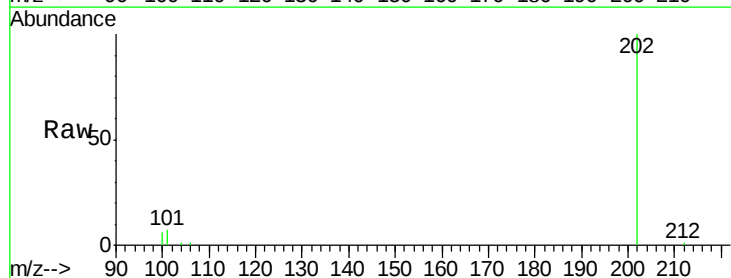
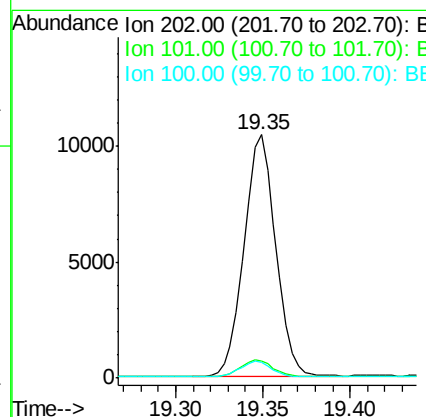
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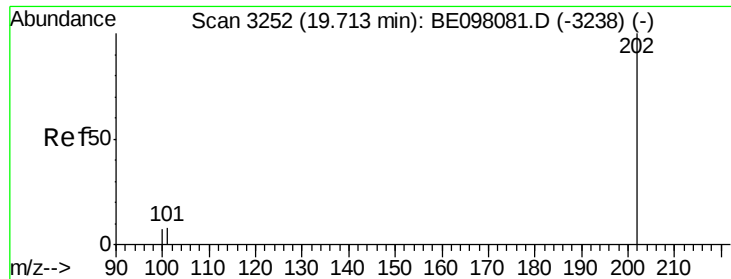
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#15
 Fluoranthene
 Concen: 0.510 ng/ul
 RT: 19.35 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BE098092.D
 Acq: 26 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.5
100	6.2	0.0	26.0





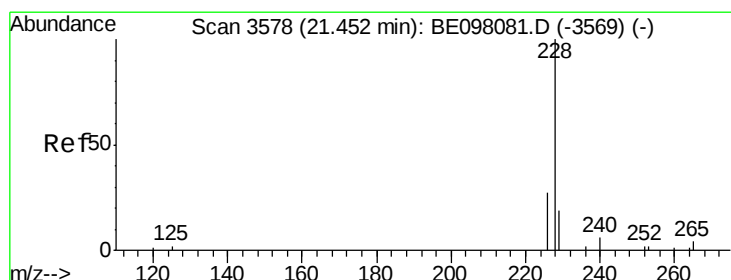
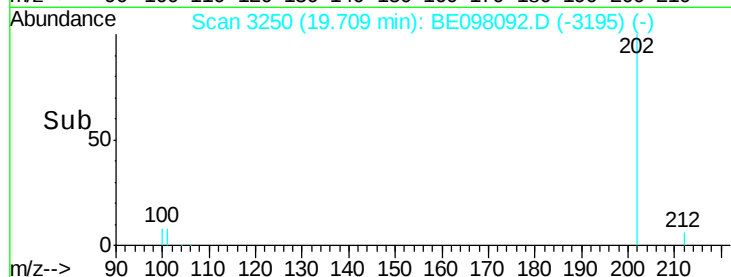
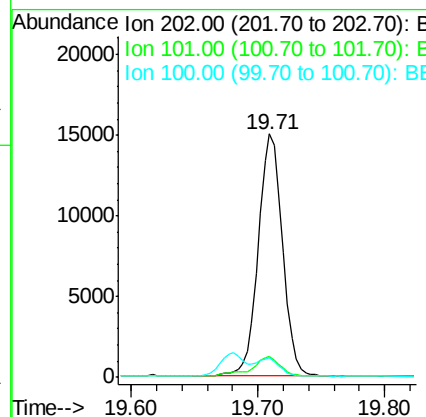
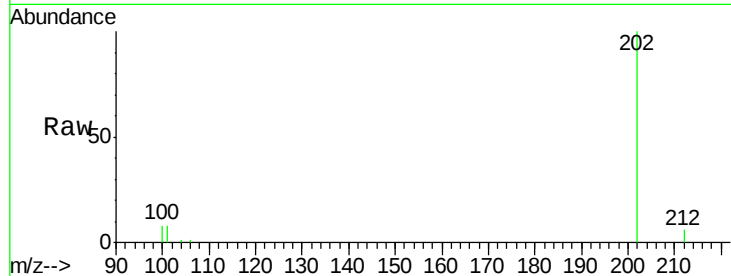
#17
Pyrene
Concen: 0.736 ng/ul
RT: 19.71 min Scan# 3250
Delta R.T. -0.00 min
Lab File: BE098092.D
Acq: 26 Oct 2018 17:14

Instrument :
BNA_E
ClientSampleId :
C0AD5DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	20070		
101	8.4	6.9	10.3	
100	8.1	6.0	9.0	

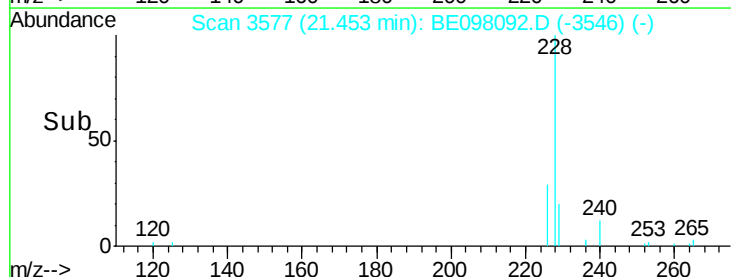
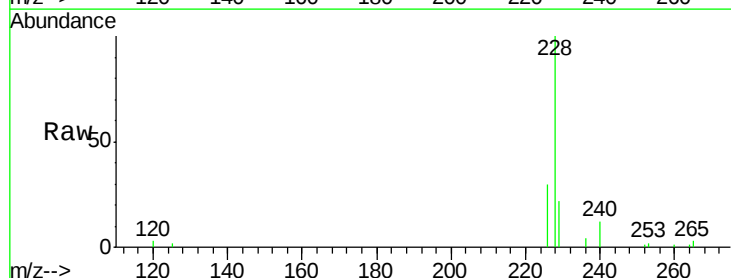
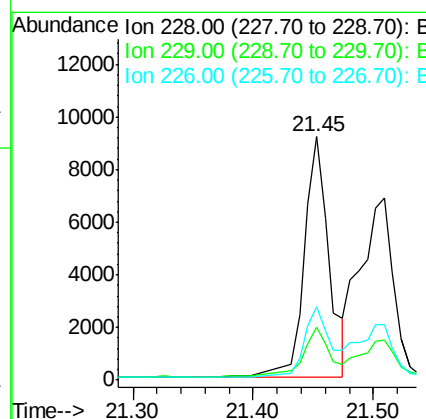
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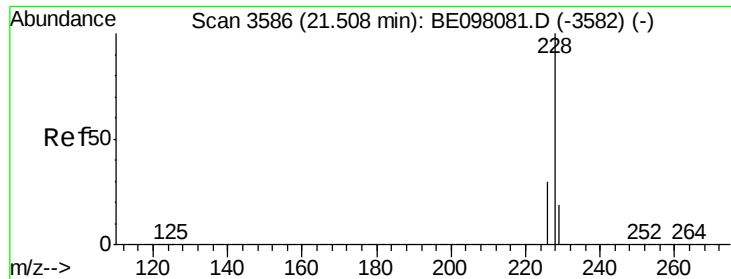
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#18
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.45 min Scan# 3577
Delta R.T. 0.00 min
Lab File: BE098092.D
Acq: 26 Oct 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	13756		
229	21.6	16.1	24.1	
226	29.9	22.2	33.4	





#19

Chrysene

Concen: 0.502 ng/ul

RT: 21.51 min Scan# 3585

Delta R.T. 0.00 min

Lab File: BE098092.D

Acq: 26 Oct 2018 17:14

Instrument :

BNA_E

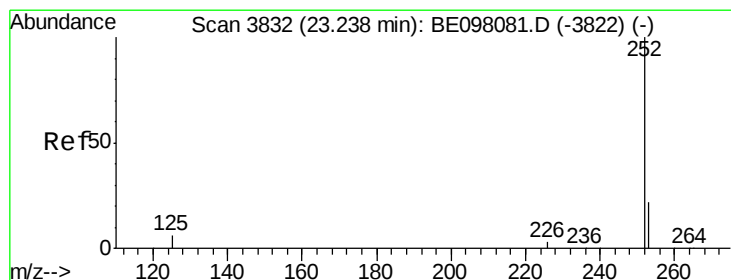
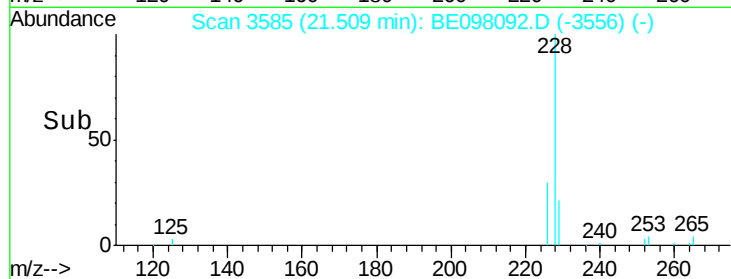
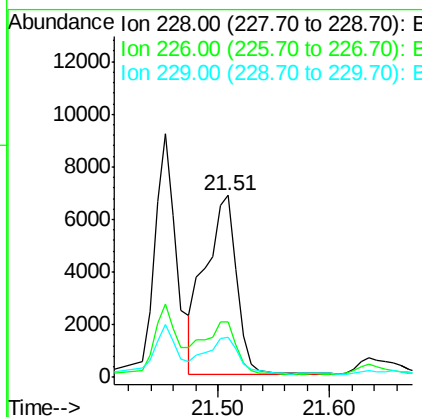
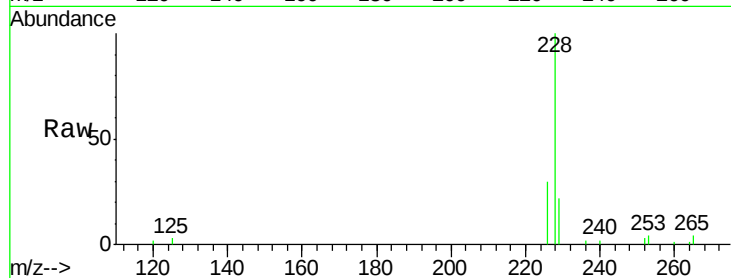
ClientSampleId :

C0AD5DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	22.1	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 1.098 ng/ul m

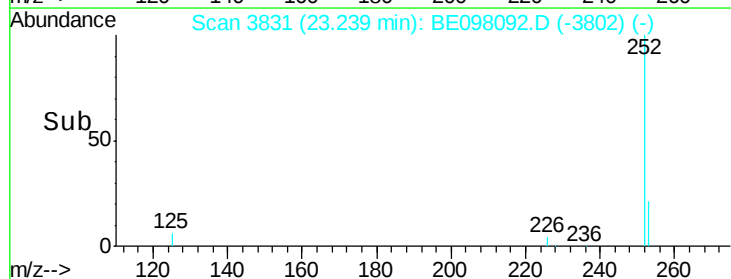
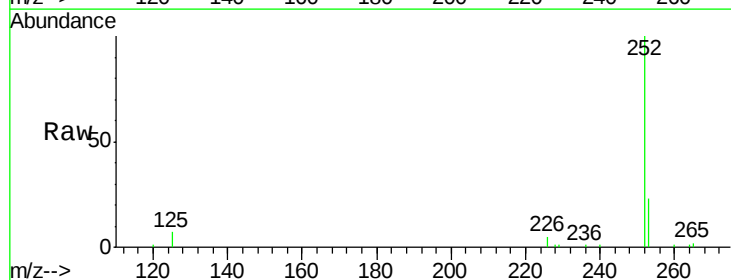
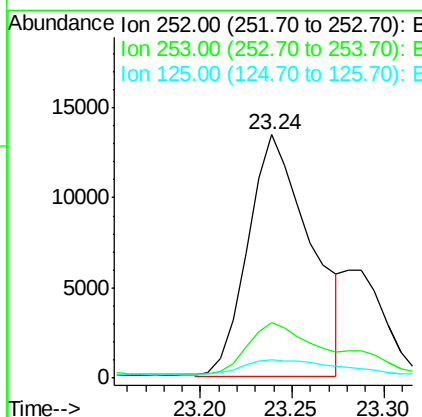
RT: 23.24 min Scan# 3831

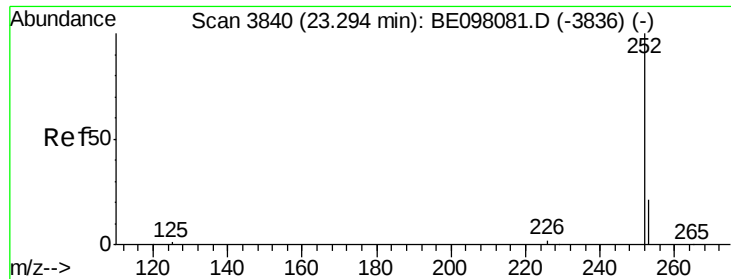
Delta R.T. 0.00 min

Lab File: BE098092.D

Acq: 26 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	47.8
125	7.5	0.0	16.8





#22

Benzo(k)fluoranthene

Concen: 0.327 ng/ul m

RT: 23.28 min Scan# 3837

Delta R.T. -0.01 min

Lab File: BE098092.D

Acq: 26 Oct 2018 17:14

Instrument :

BNA_E

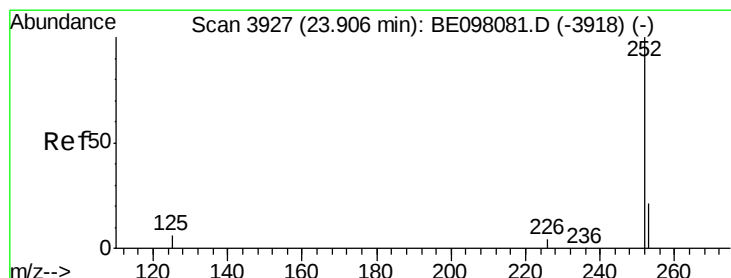
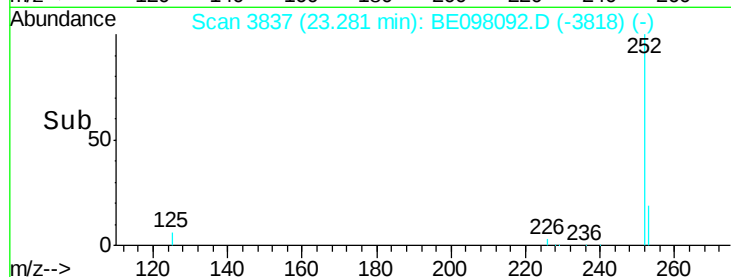
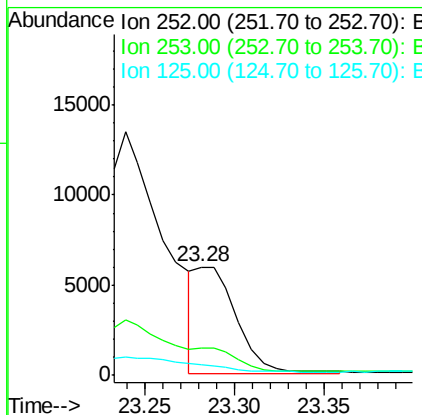
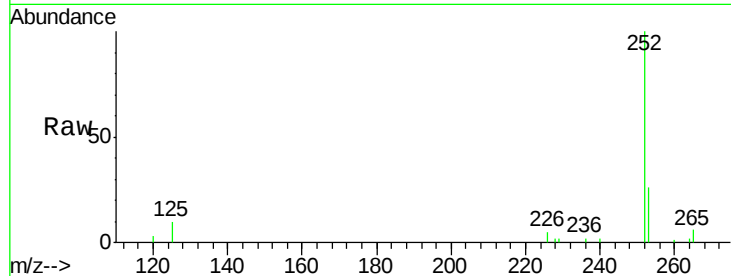
ClientSampleId :

C0AD5DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.3	28.9
125	9.6	6.2	9.2#

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#23

Benzo(a)pyrene

Concen: 0.421 ng/ul

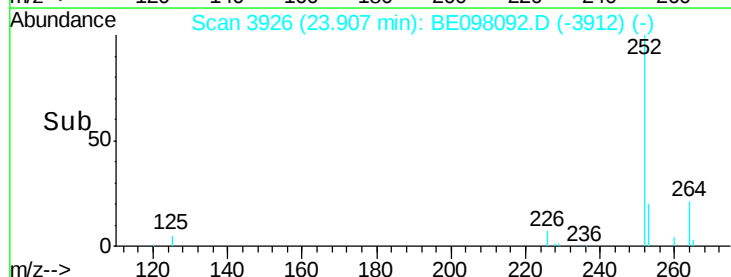
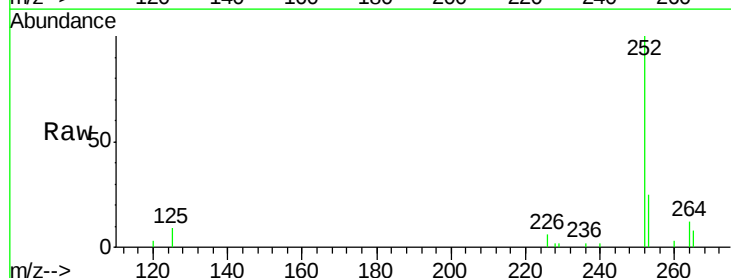
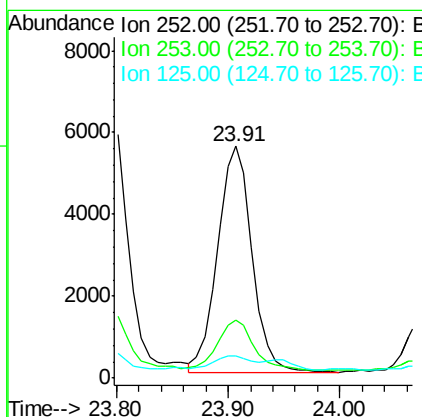
RT: 23.91 min Scan# 3926

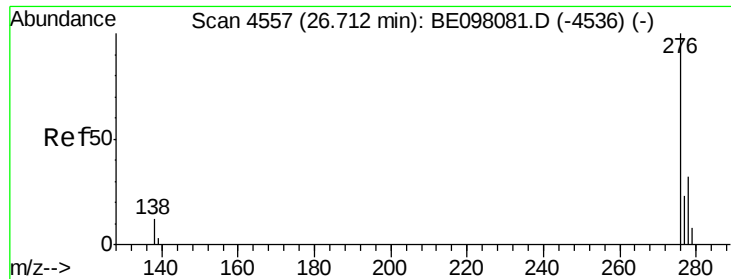
Delta R.T. 0.00 min

Lab File: BE098092.D

Acq: 26 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.4	29.2
125	9.3	7.8	11.8





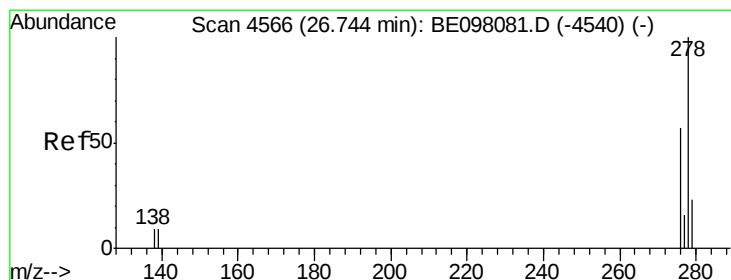
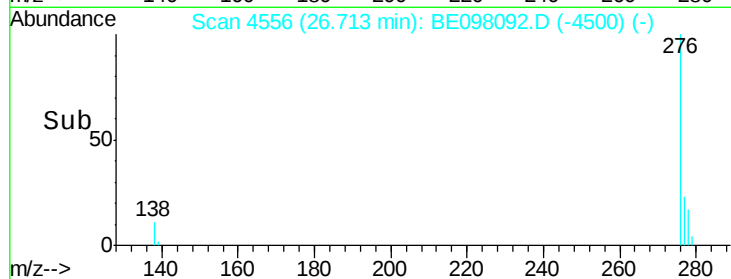
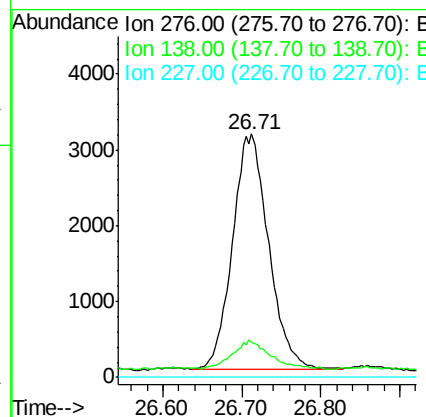
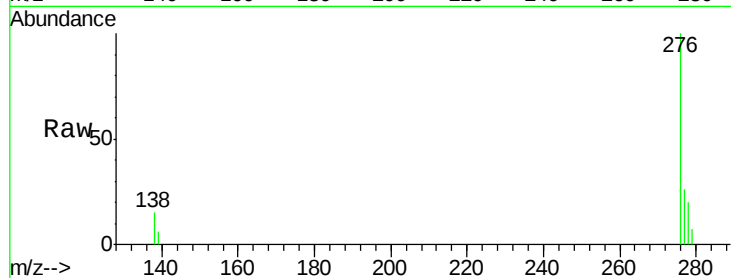
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.303 ng/u1
 RT: 26.71 min Scan# 4556
 Delta R.T. 0.00 min
 Lab File: BE098092.D
 Acq: 26 Oct 2018 17:14

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.1	11.8	17.8
227	0.0	0.0	0.0

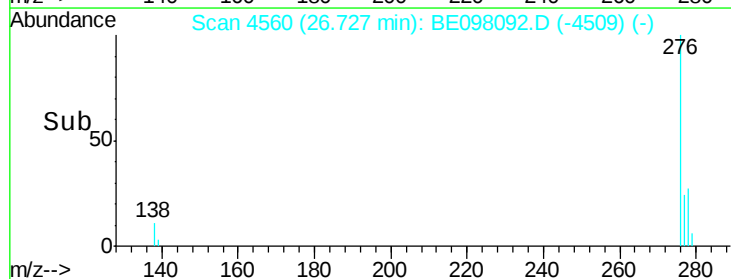
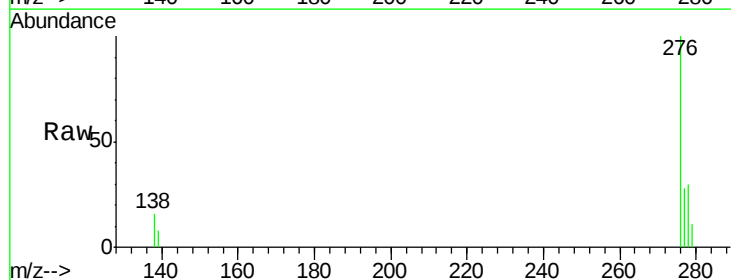
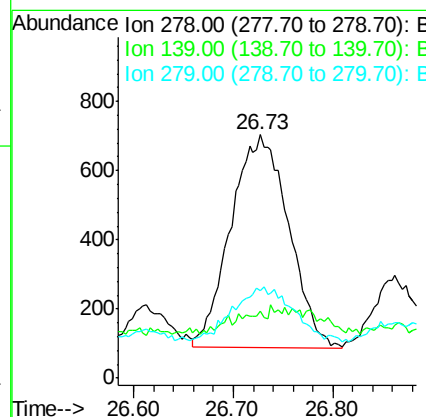
Manual Integrations
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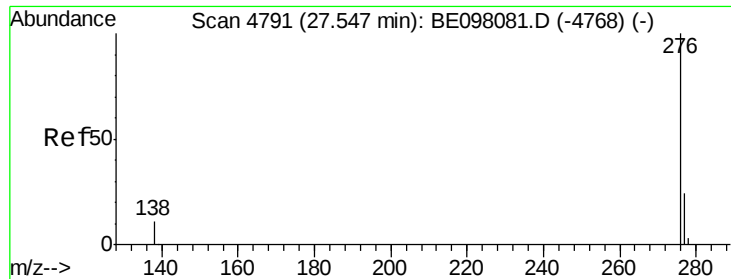
Sohil
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.092 ng/u1
 RT: 26.73 min Scan# 4560
 Delta R.T. -0.02 min
 Lab File: BE098092.D
 Acq: 26 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.3	10.0	15.0#
279	36.1	20.3	30.5#





#26

Benzo(g,h,i)perylene

Concen: 0.270 ng/ul

RT: 27.54 min Scan# 4787

Delta R.T. -0.01 min

Lab File: BE098092.D

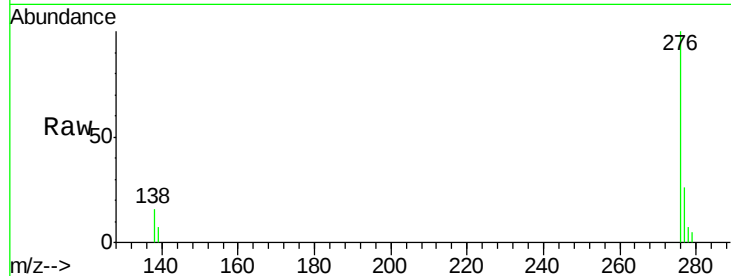
Acq: 26 Oct 2018 17:14

Instrument :

BNA_E

ClientSampleId :

C0AD5DL



Tgt Ion: 276 Resp: 7305

Ion Ratio Lower Upper

276 100

138 16.5 11.6 17.4

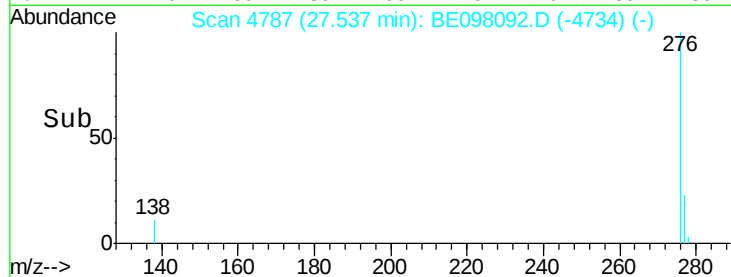
277 26.5 20.8 31.2

Manual Integrations

APPROVED

Sohil

10/29/2018 3:09:25 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

