

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
 Data File : BE098091.D
 Acq On : 26 Oct 2018 16:38
 Operator : SJ/JU
 Sample : J5598-03DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE5DL

Manual Integrations
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Sohil
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Quant Time: Oct 27 00:26:54 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	922	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	4732	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3431	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8215	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	11365	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	9727	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	337	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	981	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	1224	0.108	ng/ul#	89
5) 2-Methylnaphthalene	12.34	142	329	0.038	ng/ul	94
7) Acenaphthylene	14.25	152	1828	0.135	ng/ul#	93
8) Acenaphthene	14.60	153	337	0.033	ng/ul	93
9) Fluorene	15.59	166	308	0.025	ng/ul#	87
12) Phenanthrene	17.33	178	2962	0.156	ng/ul	95
13) Anthracene	17.42	178	4432	0.237	ng/ul	97
15) Fluoranthene	19.35	202	44827	1.854	ng/ul	99
17) Pyrene	19.71	202	46260	1.743	ng/ul	99
18) Benzo(a)anthracene	21.45	228	37503	1.122	ng/ul	98
19) Chrysene	21.51	228	39782	1.539	ng/ul	98
21) Benzo(b)fluoranthene	23.24	252	56704m	2.104	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	20240m	0.767	ng/ul	
23) Benzo(a)pyrene	23.91	252	27384	1.056	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.71	276	18647	0.628	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.73	278	4960	0.200	ng/ul#	87
26) Benzo(g,h,i)perylene	27.54	276	13097	0.524	ng/ul	99

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

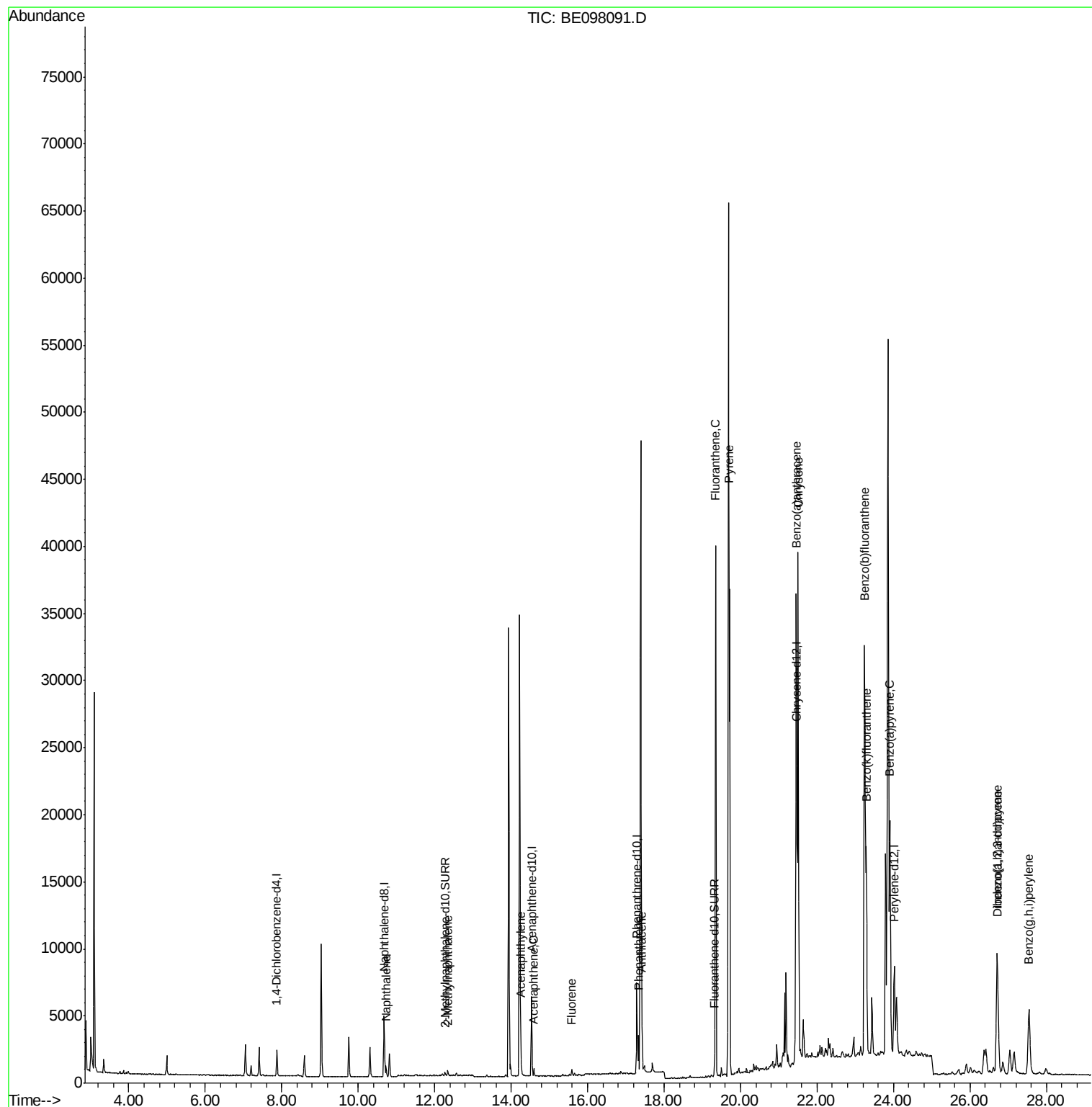
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098091.D
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ALS Vial : 12 Sample Multiplier: 1

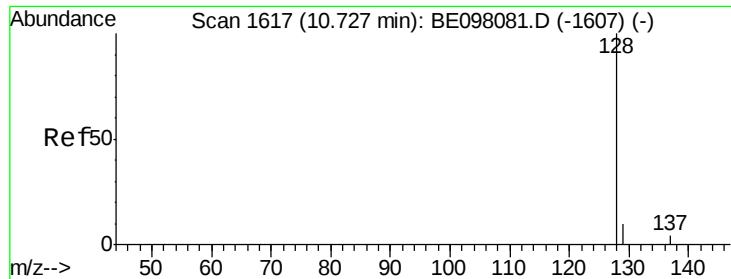
Instrument :
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C0AE5DL

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#3

Naphthalene

Concen: 0.108 ng/ul

RT: 10.73 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BE098091.D

Acq: 26 Oct 2018 16:38

Instrument :

BNA_E

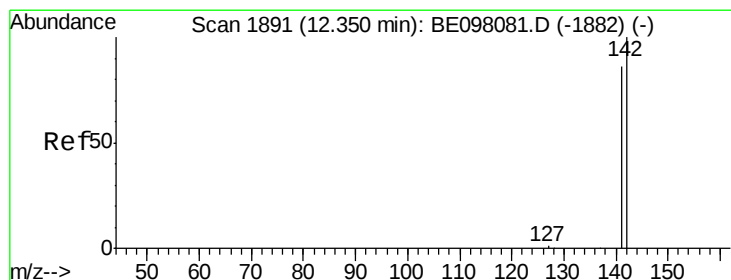
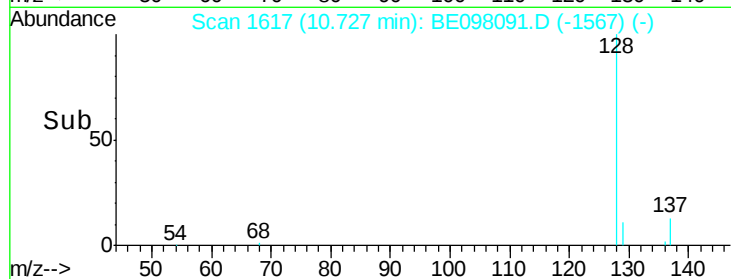
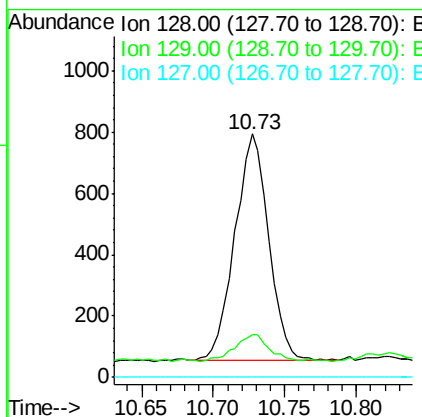
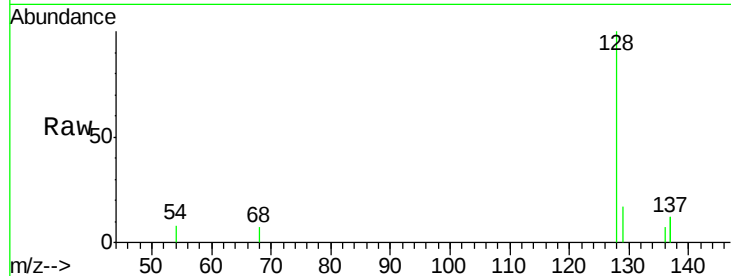
ClientSampleId :

C0AE5DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	17.4	10.5	15.7#
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.038 ng/ul

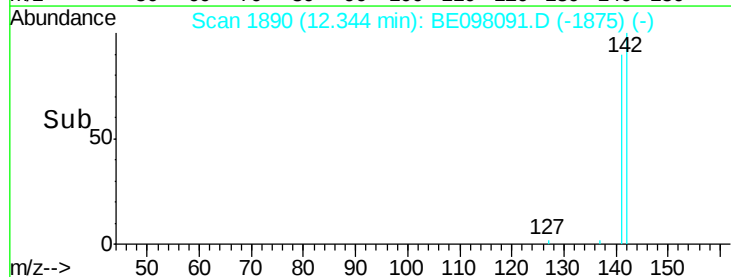
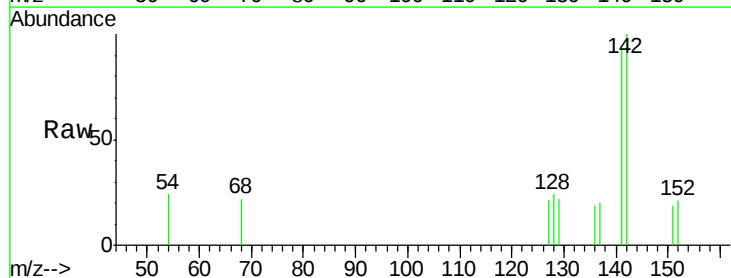
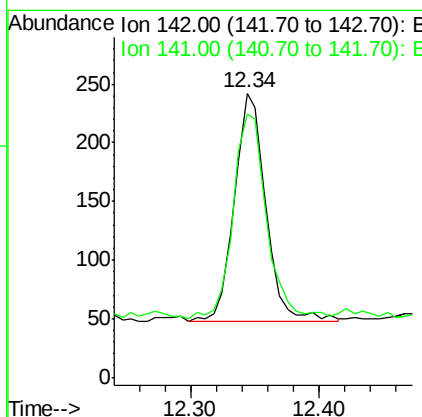
RT: 12.34 min Scan# 1890

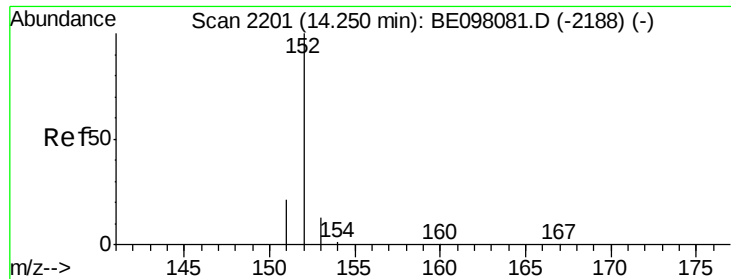
Delta R.T. -0.01 min

Lab File: BE098091.D

Acq: 26 Oct 2018 16:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.0	72.5	108.7





#7

Acenaphthylene

Concen: 0.135 ng/ul

RT: 14.25 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BE098091.D

Acq: 26 Oct 2018 16:38

Instrument :

BNA_E

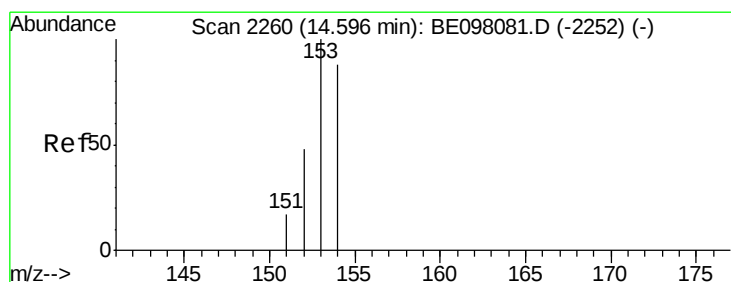
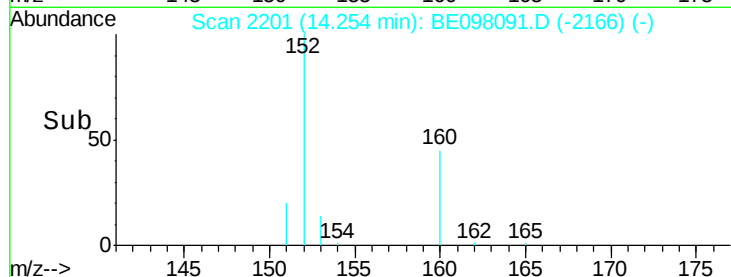
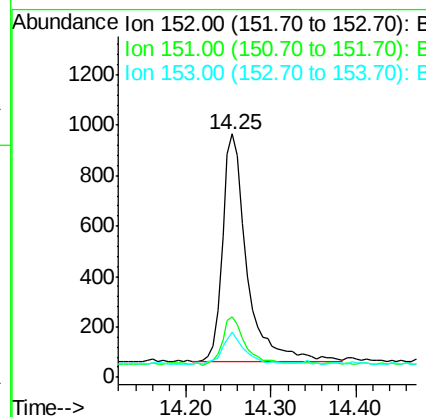
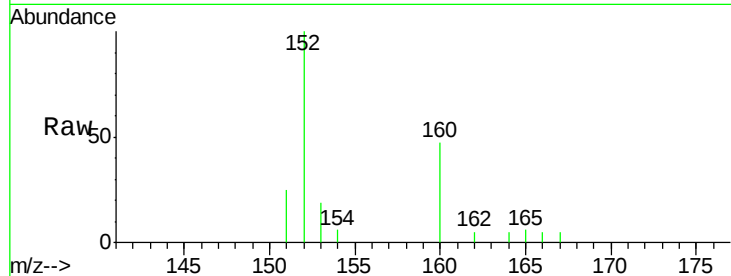
ClientSampleId :

C0AE5DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.6	17.3	25.9
153	18.5	11.9	17.9

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#8

Acenaphthene

Concen: 0.033 ng/ul

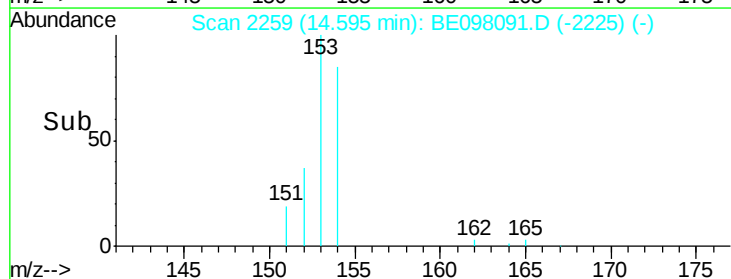
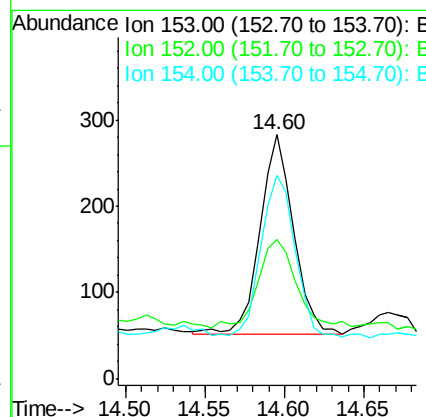
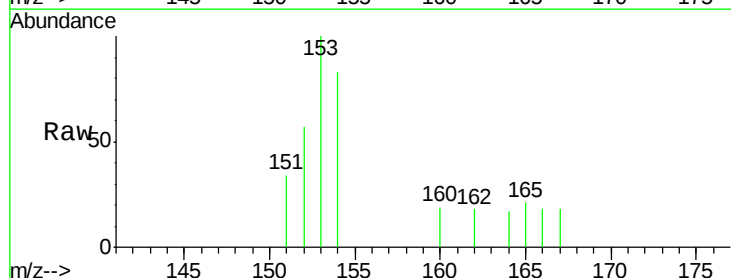
RT: 14.60 min Scan# 2259

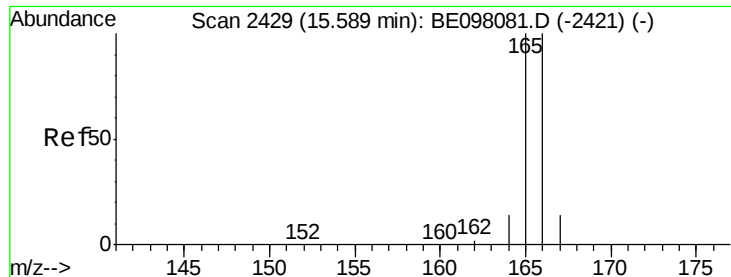
Delta R.T. -0.00 min

Lab File: BE098091.D

Acq: 26 Oct 2018 16:38

Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.9	39.4	59.0
154	83.4	70.5	105.7





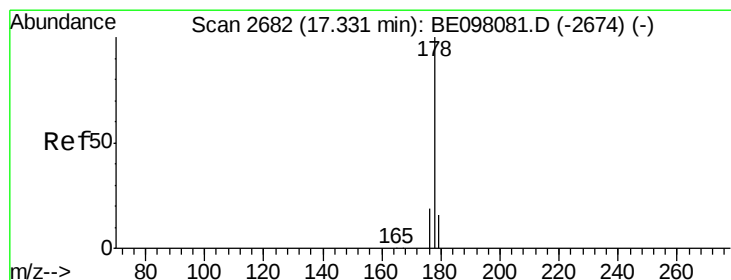
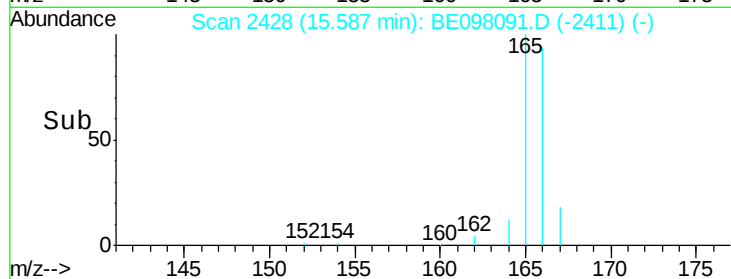
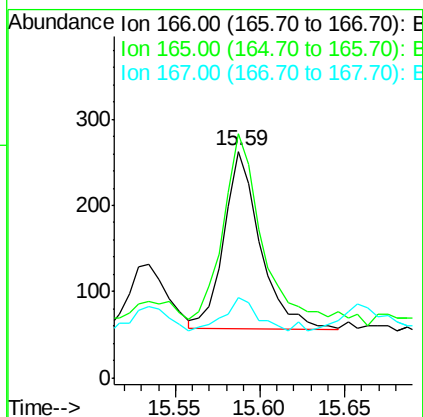
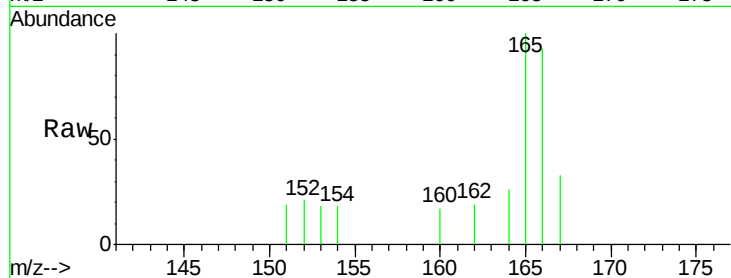
#9
Fluorene
 Concen: 0.025 ng/ul
 RT: 15.59 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BE098091.D
 Acq: 26 Oct 2018 16:38

Instrument :
 BNA_E
 ClientSampleId :
 C0AE5DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.6	80.2	120.4
167	35.4	12.0	18.0

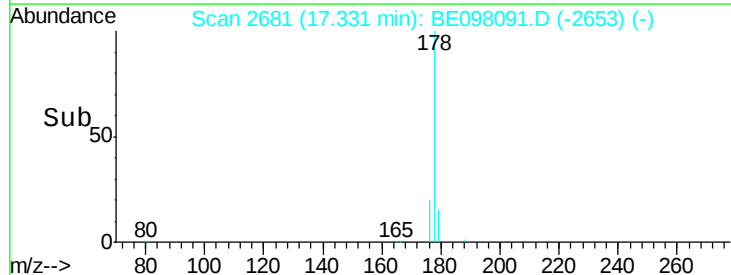
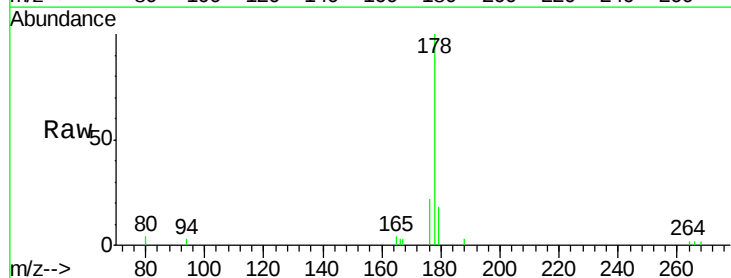
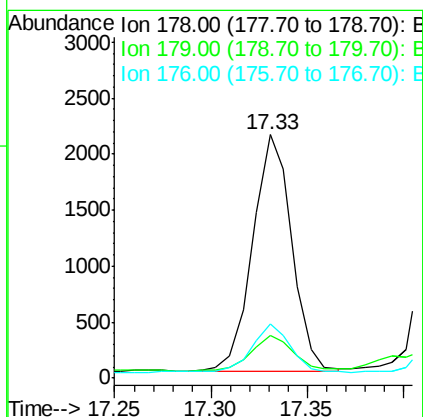
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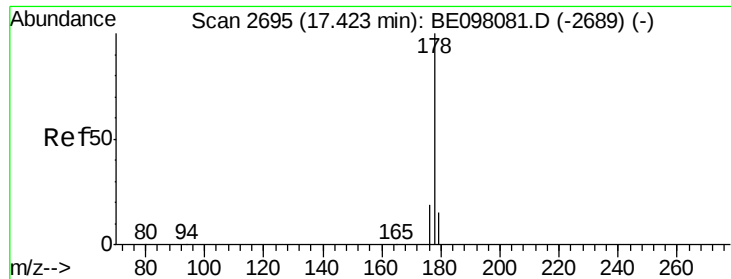
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#12
Phenanthrene
 Concen: 0.156 ng/ul
 RT: 17.33 min Scan# 2681
 Delta R.T. -0.00 min
 Lab File: BE098091.D
 Acq: 26 Oct 2018 16:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.0	19.4
176	22.1	15.7	23.5





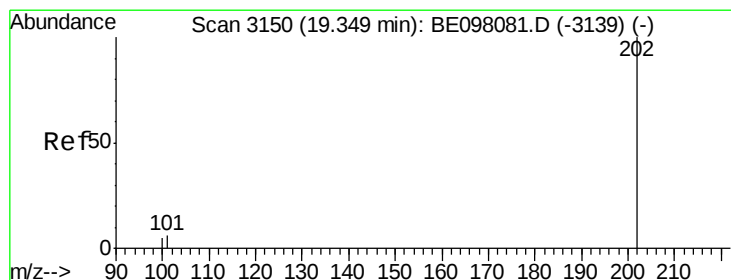
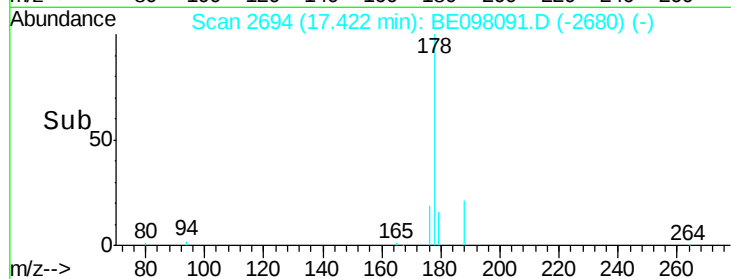
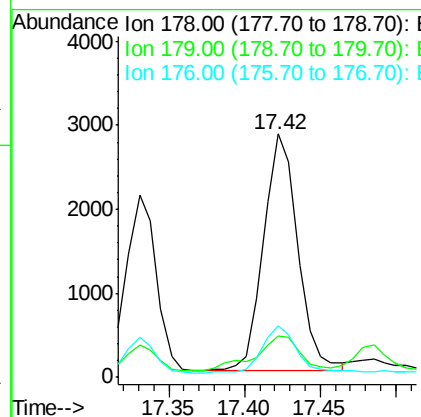
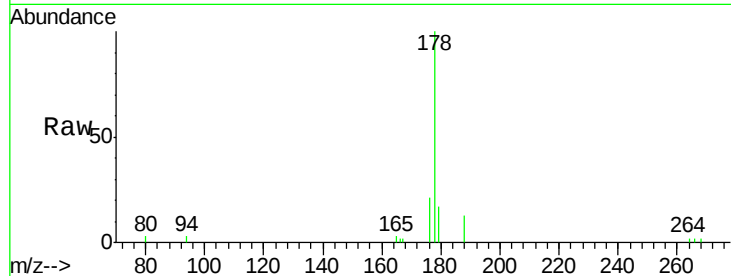
#13
 Anthracene
 Concen: 0.237 ng/ul
 RT: 17.42 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: BE098091.D
 Acq: 26 Oct 2018 16:38

Instrument :
 BNA_E
 ClientSampleId :
 C0AE5DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.6	19.0
176	21.0	15.6	23.4

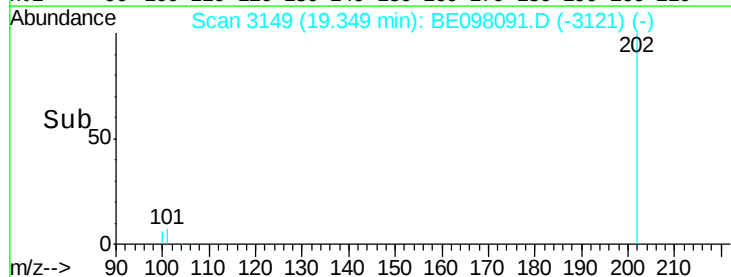
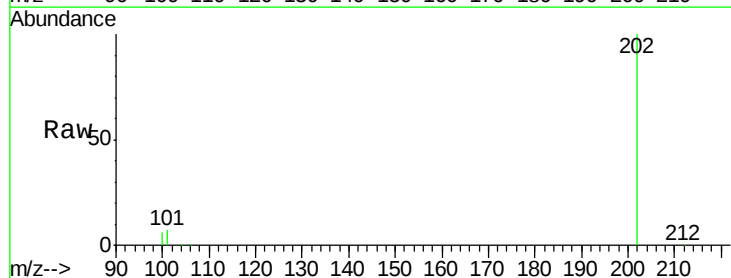
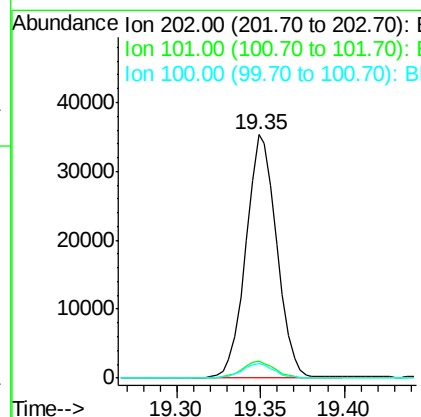
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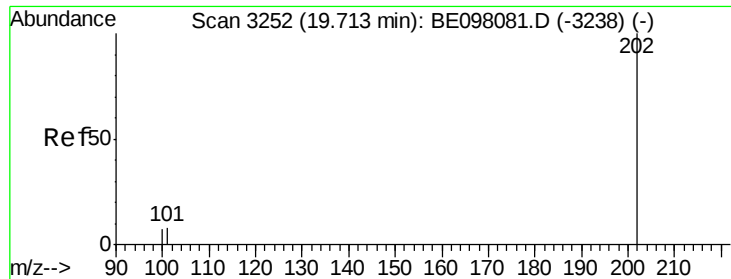
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#15
 Fluoranthene
 Concen: 1.854 ng/ul
 RT: 19.35 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BE098091.D
 Acq: 26 Oct 2018 16:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.5
100	5.8	0.0	26.0





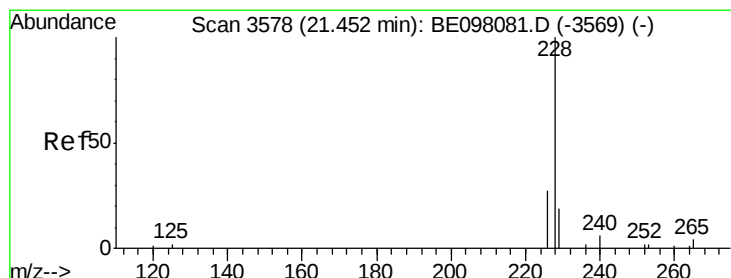
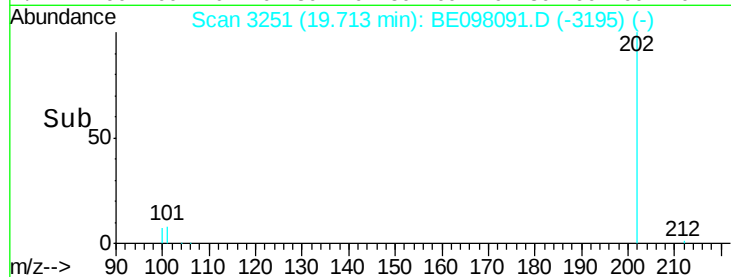
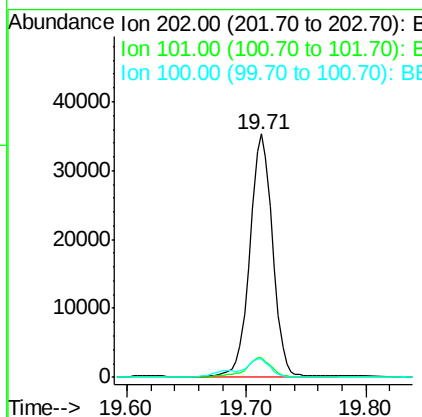
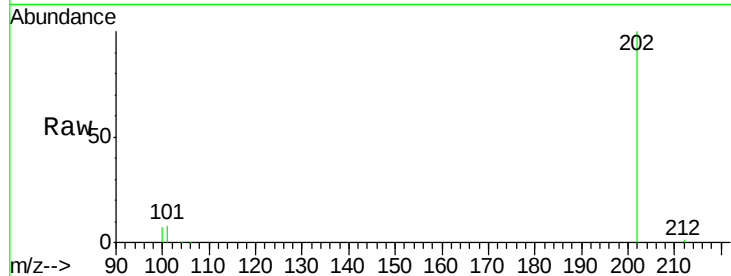
#17
Pyrene
 Concen: 1.743 ng/ul
 RT: 19.71 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BE098091.D
 Acq: 26 Oct 2018 16:38

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:	202	Resp:	46260
Ion Ratio	Lower	Upper	
202	100		
101	7.9	6.9	10.3
100	7.3	6.0	9.0

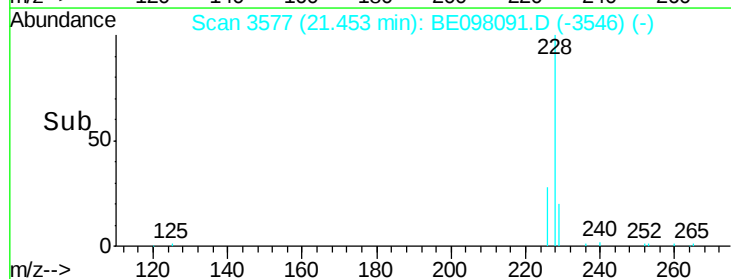
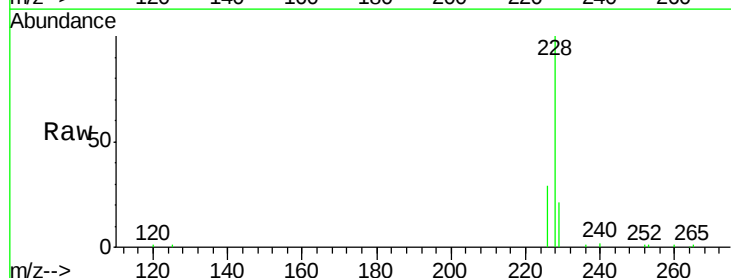
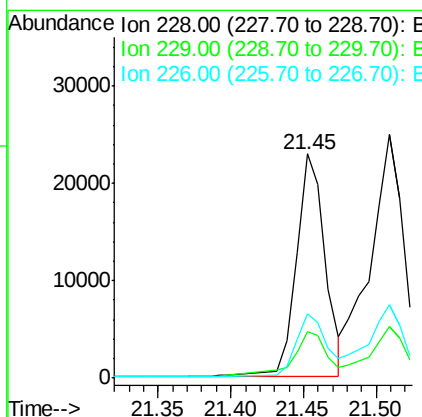
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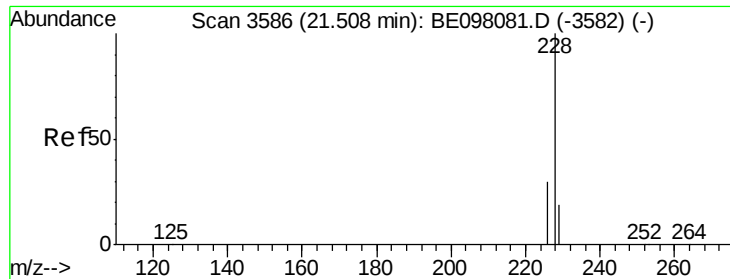
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#18
Benzo(a)anthracene
 Concen: 1.122 ng/ul
 RT: 21.45 min Scan# 3577
 Delta R.T. 0.00 min
 Lab File: BE098091.D
 Acq: 26 Oct 2018 16:38

Tgt Ion:	228	Resp:	37503
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.1	24.1
226	29.0	22.2	33.4





#19

Chrysene

Concen: 1.539 ng/ul

RT: 21.51 min Scan# 3585

Delta R.T. 0.00 min

Lab File: BE098091.D

Acq: 26 Oct 2018 16:38

Instrument :

BNA_E

ClientSampleId :

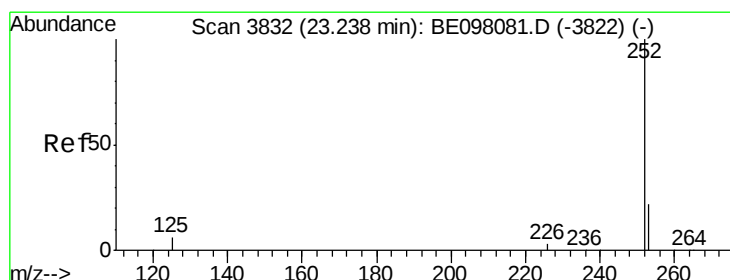
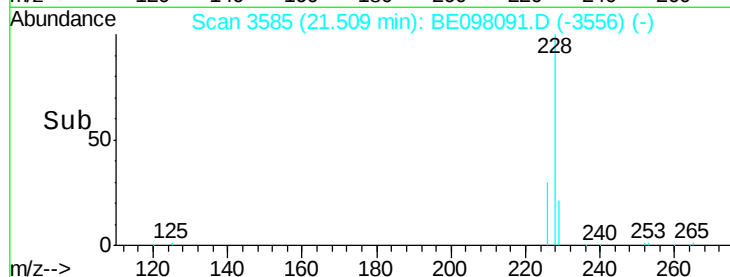
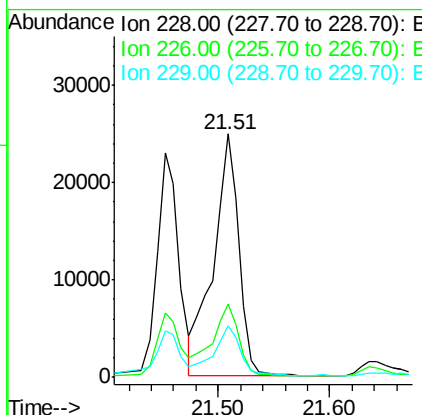
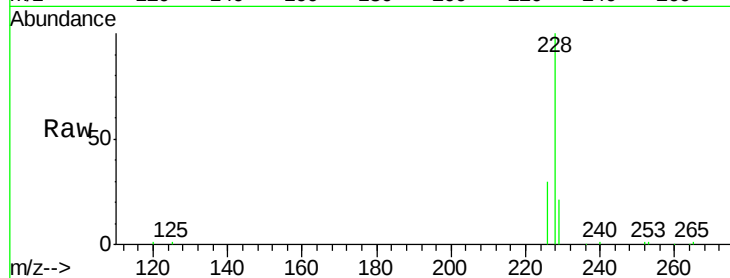
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Tgt Ion: 228 Resp: 39782

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	21.2	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 2.104 ng/ul m

RT: 23.24 min Scan# 3831

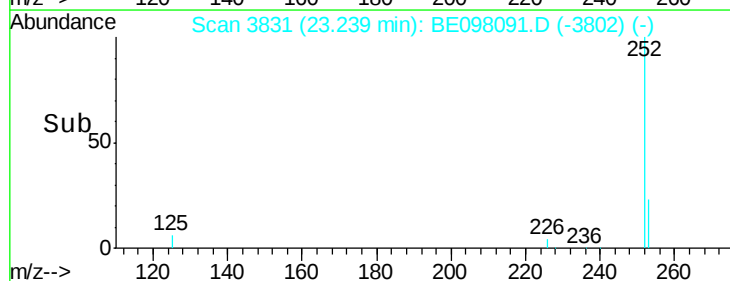
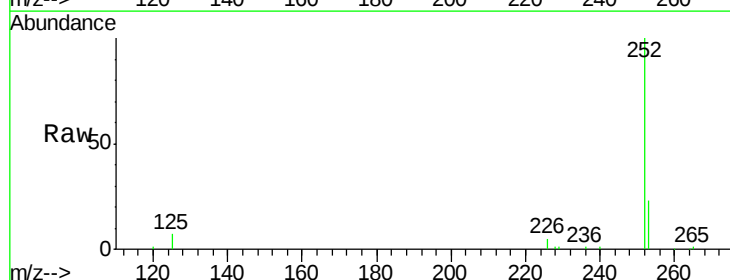
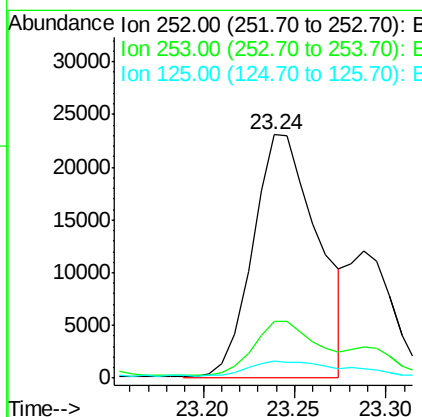
Delta R.T. 0.00 min

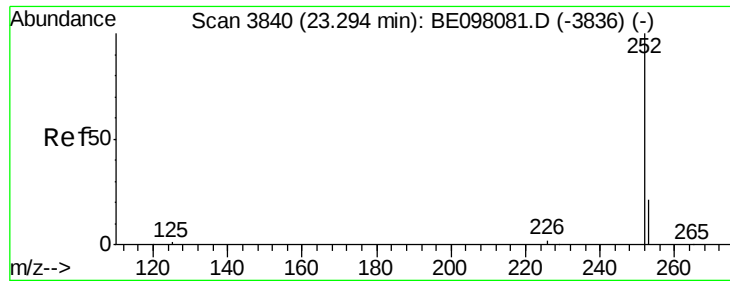
Lab File: BE098091.D

Acq: 26 Oct 2018 16:38

Tgt Ion: 252 Resp: 56704

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	47.8
125	7.1	0.0	16.8





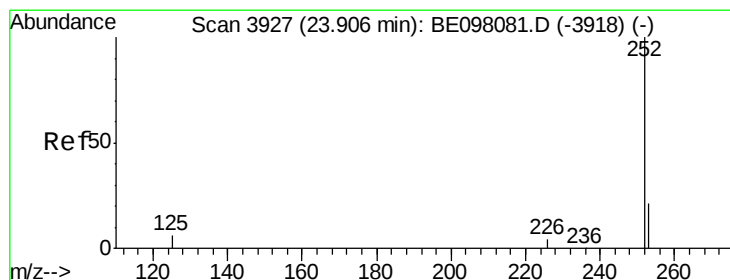
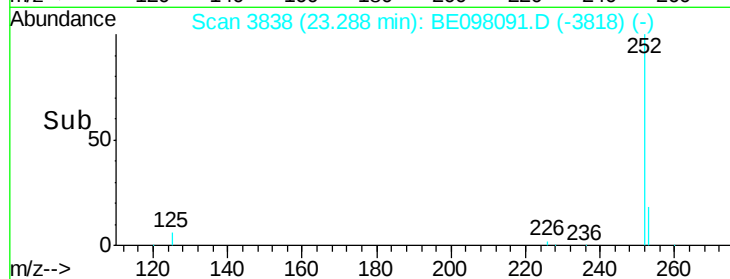
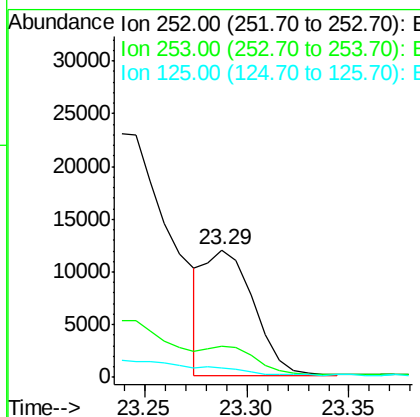
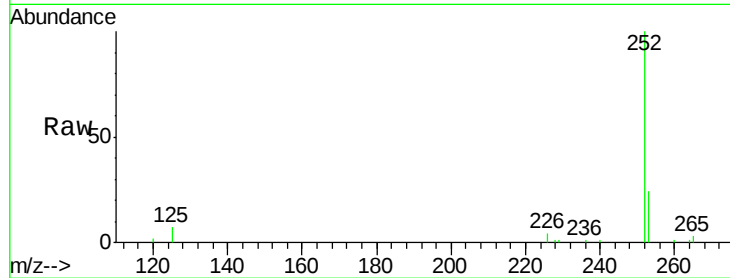
#22
Benzo(k)fluoranthene
Concen: 0.767 ng/ul m
RT: 23.29 min Scan# 3838
Delta R.T. -0.01 min
Lab File: BE098091.D
Acq: 26 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :
C0AE5DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.3	28.9
125	7.2	6.2	9.2

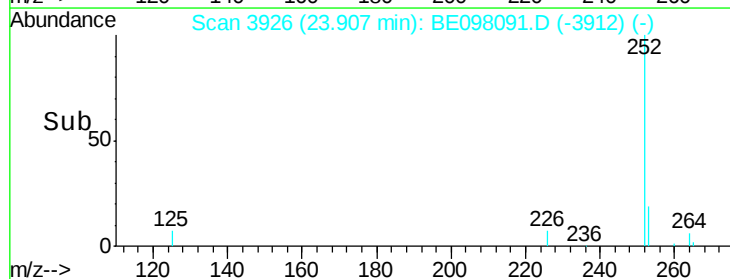
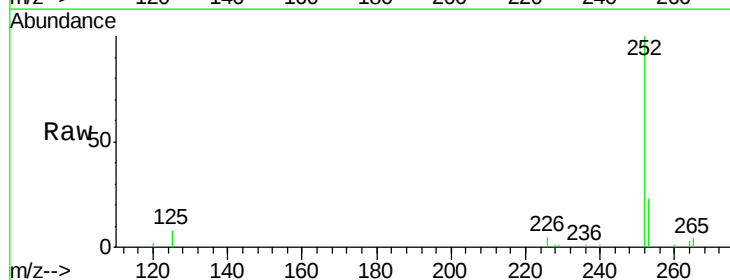
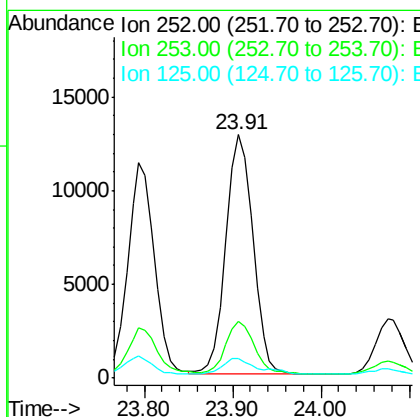
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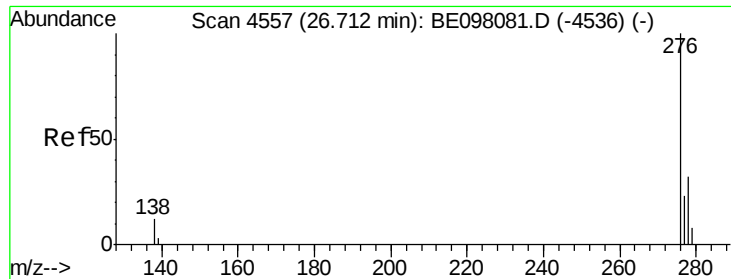
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#23
Benzo(a)pyrene
Concen: 1.056 ng/ul
RT: 23.91 min Scan# 3926
Delta R.T. 0.00 min
Lab File: BE098091.D
Acq: 26 Oct 2018 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.4	29.2
125	8.3	7.8	11.8





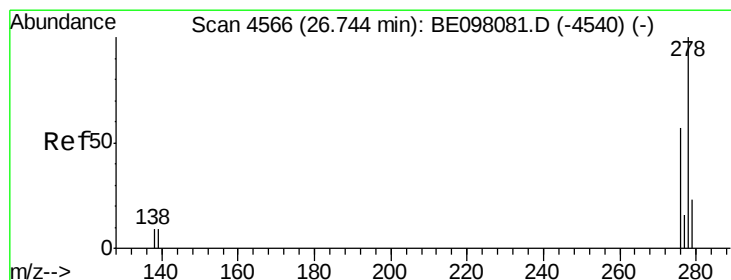
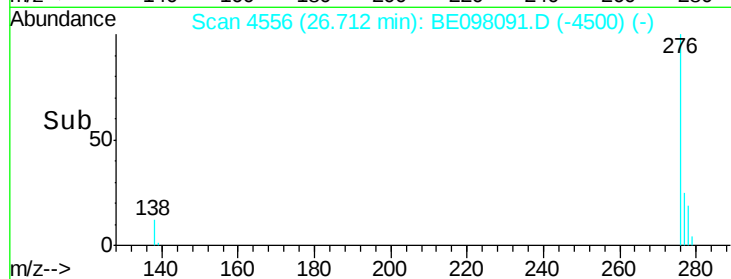
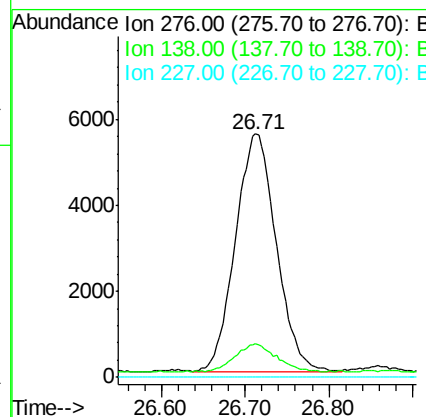
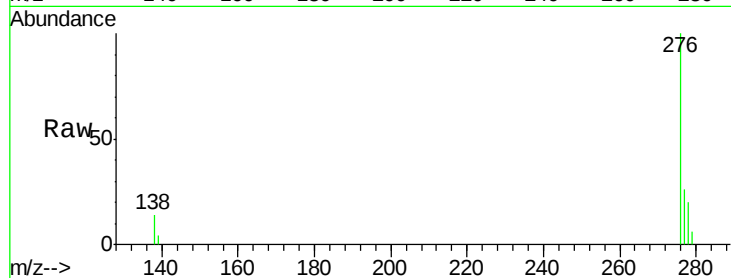
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.628 ng/ul
 RT: 26.71 min Scan# 4556
 Delta R.T. -0.00 min
 Lab File: BE098091.D
 Acq: 26 Oct 2018 16:38

Instrument :
 BNA_E
 ClientSampleId :
 C0AE5DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.9	11.8	17.8
227	0.0	0.0	0.0

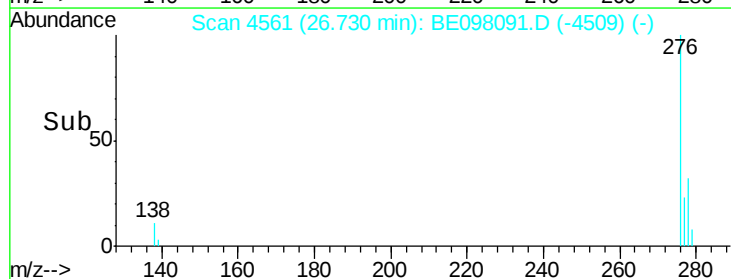
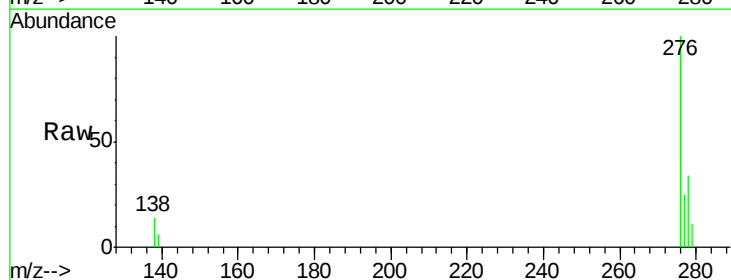
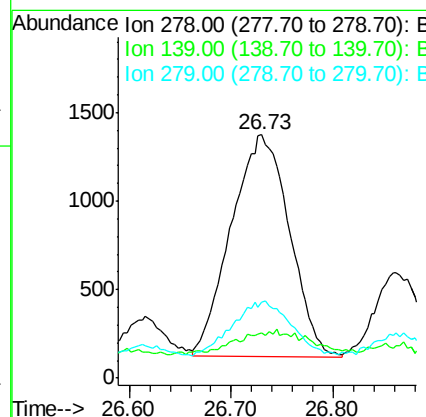
Manual Integrations
 APPROVED

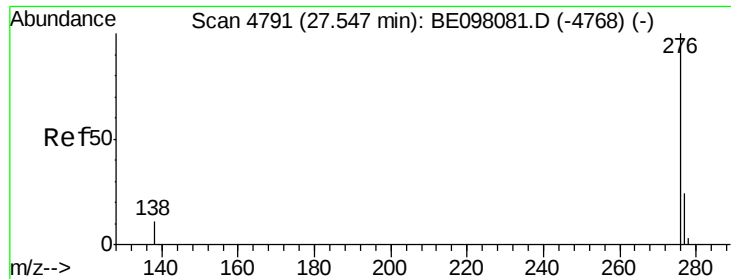
Sohil
 10/29/2018 3:09:24 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.200 ng/ul
 RT: 26.73 min Scan# 4561
 Delta R.T. -0.01 min
 Lab File: BE098091.D
 Acq: 26 Oct 2018 16:38

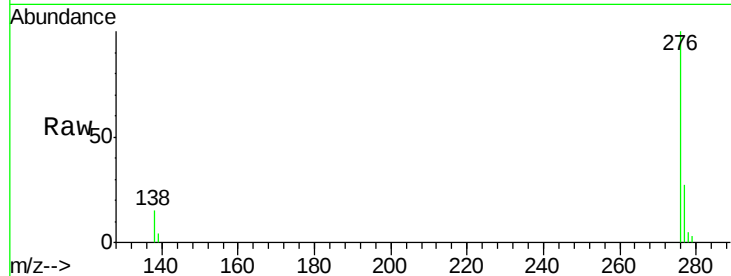
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	10.0	15.0#
279	31.4	20.3	30.5#





#26
Benzo(g,h,i)perylene
Concen: 0.524 ng/ul
RT: 27.54 min Scan# 4789
Delta R.T. -0.00 min
Lab File: BE098091.D
Acq: 26 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :
C0AE5DL



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	15.2	11.6	17.4	
277	26.5	20.8	31.2	

Manual Integrations
APPROVED

Sohil
10/29/2018 3:09:24 PM

