

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
 Data File : BE098083.D
 Acq On : 26 Oct 2018 11:13
 Operator : SJ/JU
 Sample : J5598-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE4

Manual Integrations
 APPROVED

Sohil
 10/29/2018 3:09:15 PM

Quant Time: Oct 26 23:39:50 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	1133	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5573	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4160	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9434	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	15074	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	12985	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1729	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	4879	0.16	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.73	128	135440	10.153	ng/ul	95
5) 2-Methylnaphthalene	12.34	142	42877	4.252	ng/ul	100
7) Acenaphthylene	14.26	152	37904	2.309	ng/ul	98
8) Acenaphthene	14.60	153	10544	0.860	ng/ul	98
9) Fluorene	15.59	166	8805	0.597	ng/ul#	99
12) Phenanthrene	17.33	178	220748	10.139	ng/ul	99
13) Anthracene	17.42	178	191746	8.917	ng/ul	99
15) Fluoranthene	19.36	202	886016	31.917	ng/ul	97
17) Pyrene	19.72	202	968955	27.530	ng/ul	96
18) Benzo(a)anthracene	21.46	228	599083	13.517	ng/ul	97
19) Chrysene	21.51	228	713214	20.803	ng/ul	99
21) Benzo(b)fluoranthene	23.26	252	1610454m	44.764	ng/ul	
22) Benzo(k)fluoranthene	23.30	252	382886m	10.873	ng/ul	
23) Benzo(a)pyrene	23.93	252	658888	19.042	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.74	276	619003	15.611	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.75	278	148202m	4.485	ng/ul	
26) Benzo(g,h,i)perylene	27.58	276	509135	15.253	ng/ul#	95

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

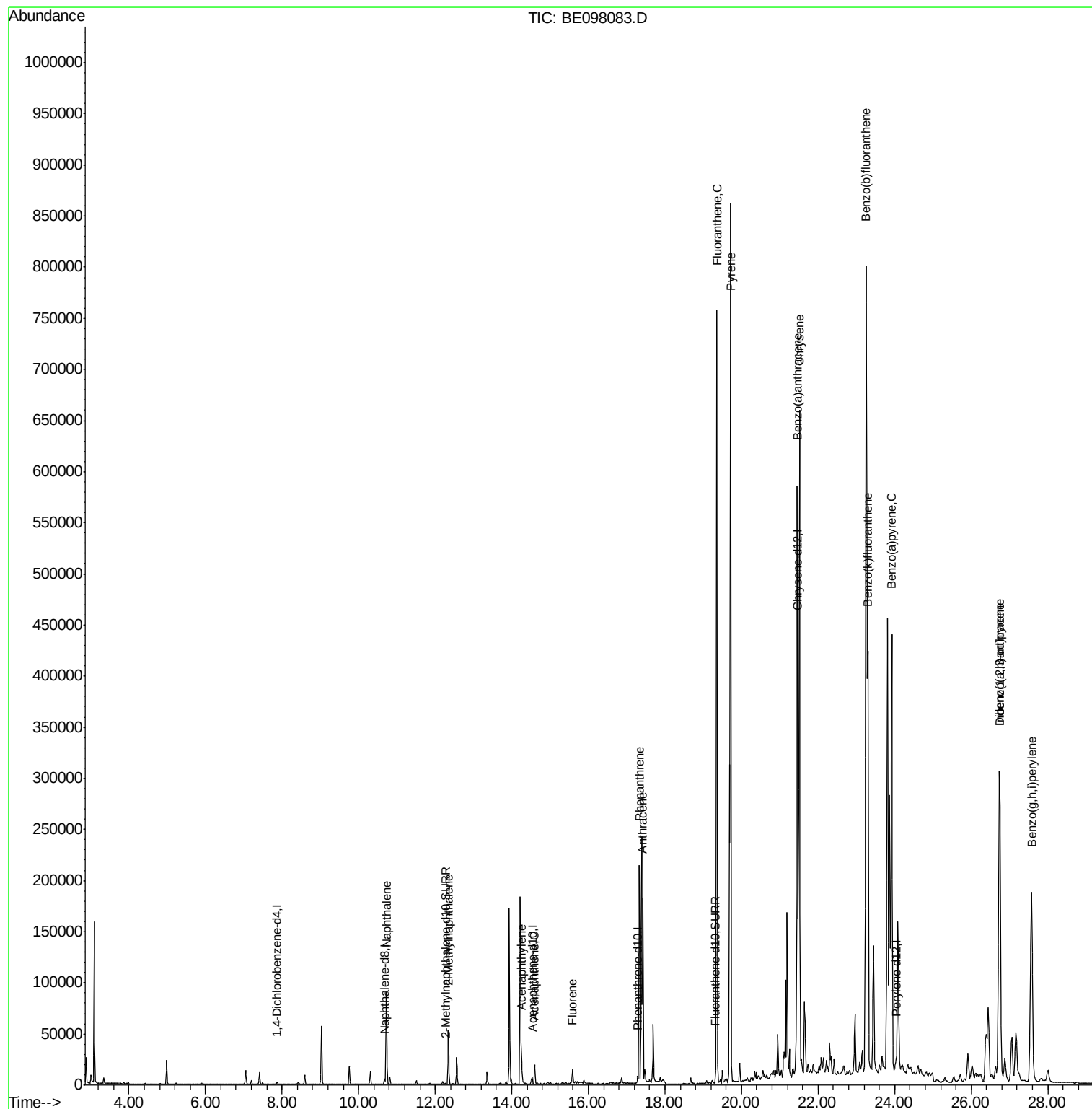
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
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ALS Vial : 4 Sample Multiplier: 1

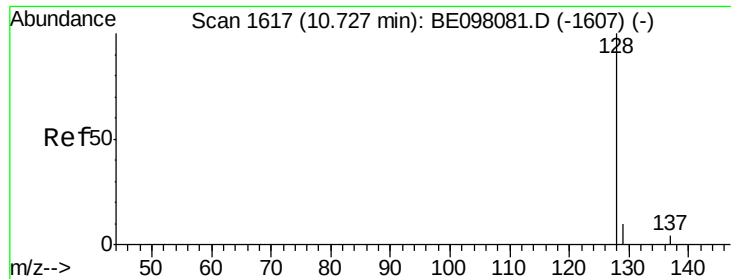
Instrument :
BNA_E
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C0AE4

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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
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#3

Naphthalene

Concen: 10.153 ng/ul

RT: 10.73 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE098083.D

Acq: 26 Oct 2018 11:13

Instrument :

BNA_E

ClientSampleId :

C0AE4

Tgt Ion:128 Resp: 135440

Ion Ratio Lower Upper

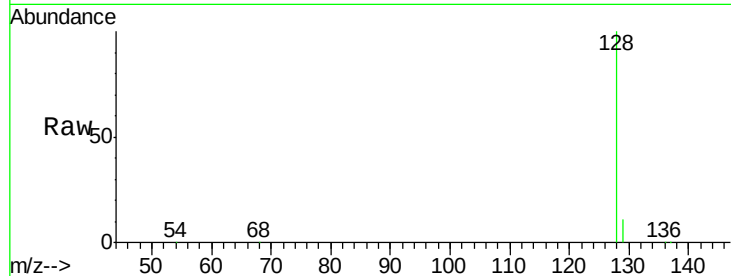
128 100

129 11.1 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

80000

60000

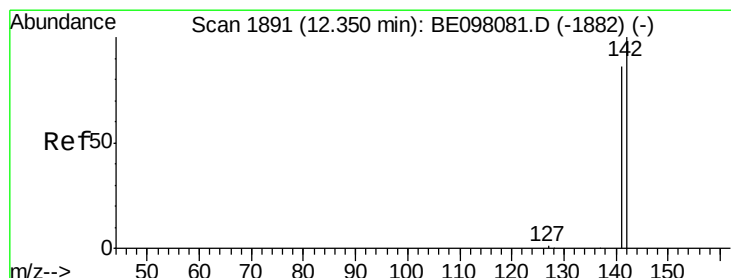
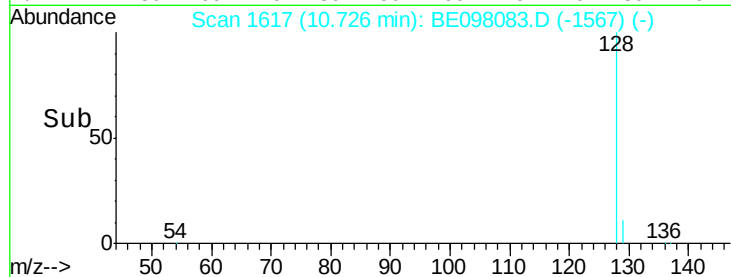
40000

20000

0

Time-->

10.70 10.80



#5

2-Methylnaphthalene

Concen: 4.252 ng/ul

RT: 12.34 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BE098083.D

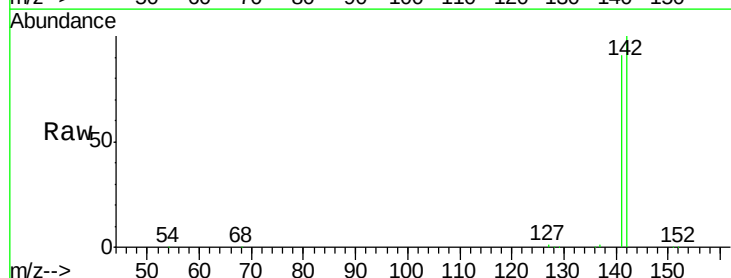
Acq: 26 Oct 2018 11:13

Tgt Ion:142 Resp: 42877

Ion Ratio Lower Upper

142 100

141 91.0 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

30000

25000

20000

15000

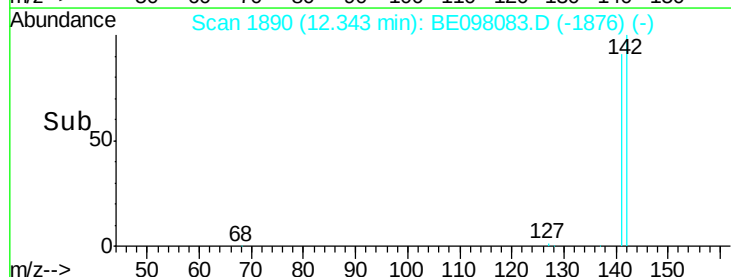
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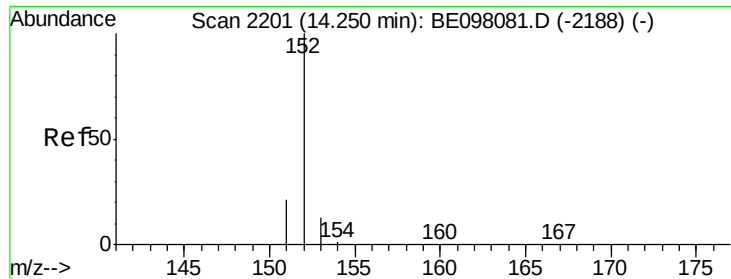
5000

0

Time-->

12.30 12.40





#7

Acenaphthylene

Concen: 2.309 ng/ul

RT: 14.26 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BE098083.D

Acq: 26 Oct 2018 11:13

Instrument :

BNA_E

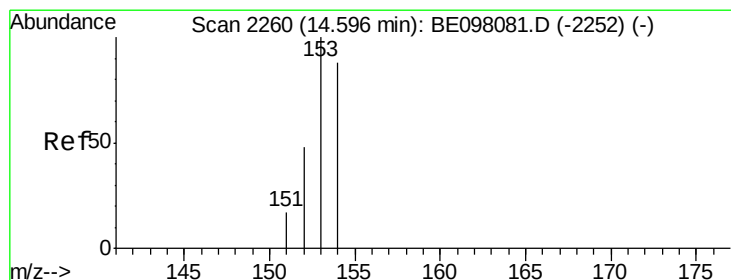
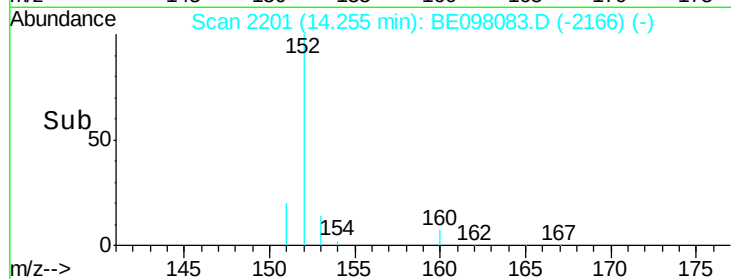
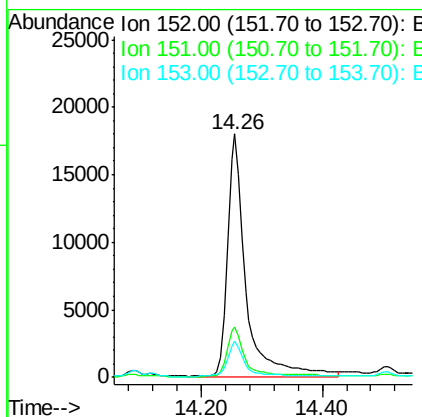
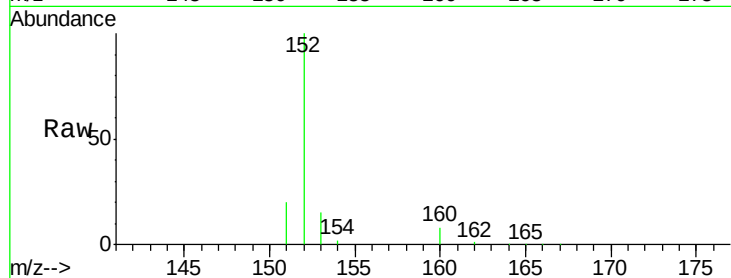
ClientSampleId :

C0AE4

Tgt Ion:	152	Resp:	37904
Ion Ratio		Lower	Upper
152	100		
151	20.5	17.3	25.9
153	14.8	11.9	17.9

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#8

Acenaphthene

Concen: 0.860 ng/ul

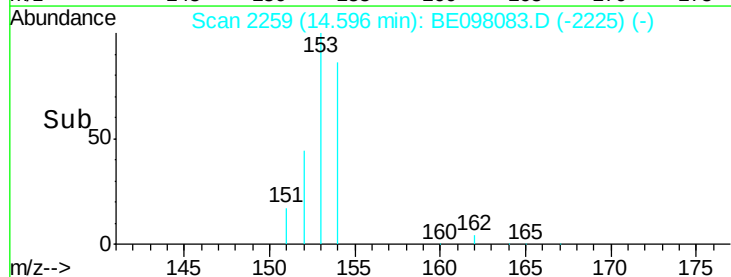
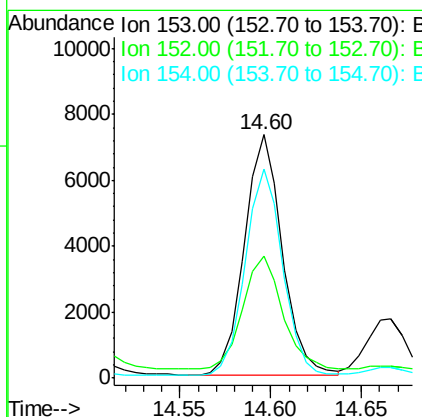
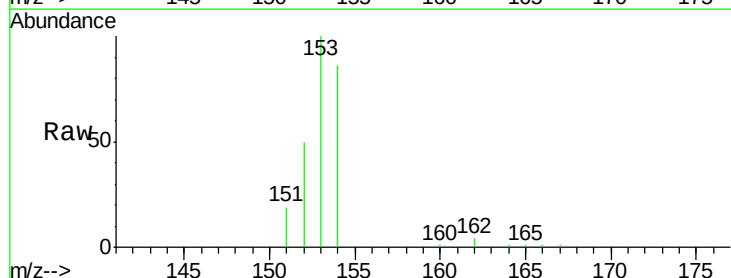
RT: 14.60 min Scan# 2259

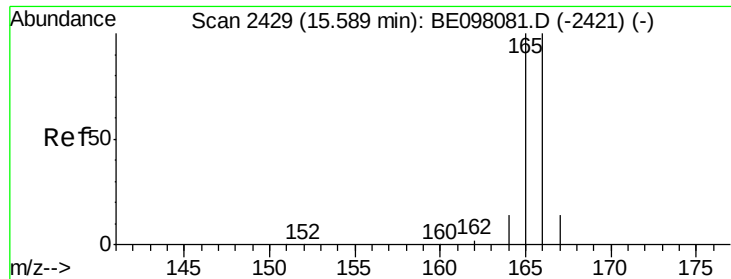
Delta R.T. -0.00 min

Lab File: BE098083.D

Acq: 26 Oct 2018 11:13

Tgt Ion:	153	Resp:	10544
Ion Ratio		Lower	Upper
153	100		
152	50.1	39.4	59.0
154	85.9	70.5	105.7





#9

Fluorene

Concen: 0.597 ng/ul

RT: 15.59 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BE098083.D

Acq: 26 Oct 2018 11:13

Instrument :

BNA_E

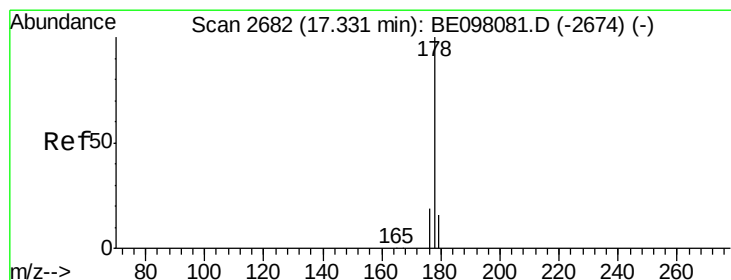
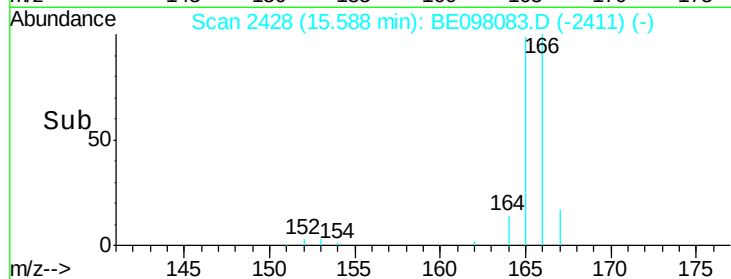
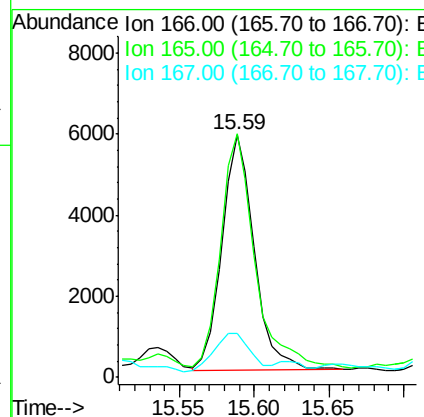
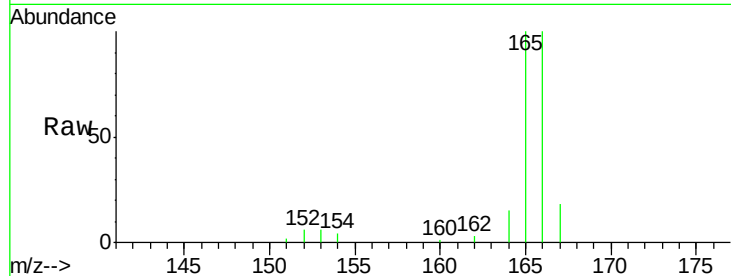
ClientSampleId :

C0AE4

Tgt Ion:	166	Resp:	8805
Ion Ratio	Lower	Upper	
166	100		
165	100.4	80.2	120.4
167	18.3	12.0	18.0#

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#12

Phenanthrene

Concen: 10.139 ng/ul

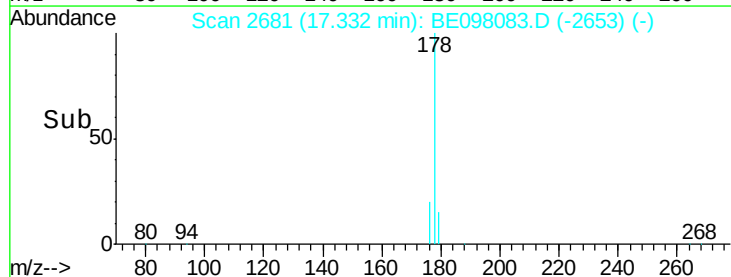
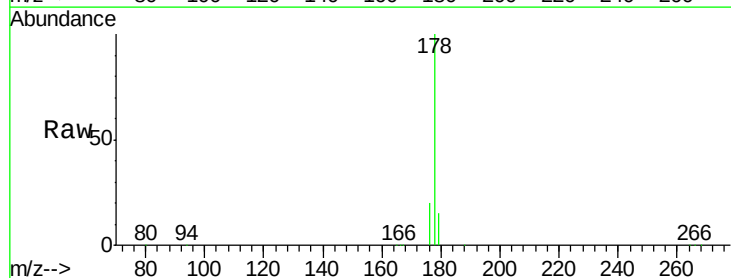
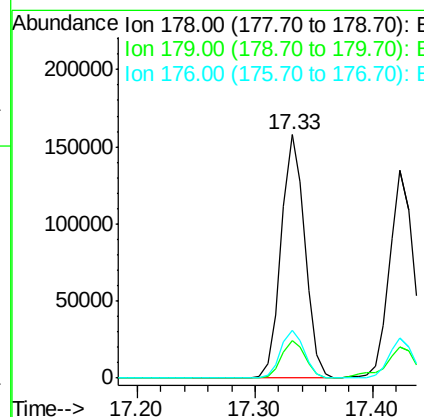
RT: 17.33 min Scan# 2681

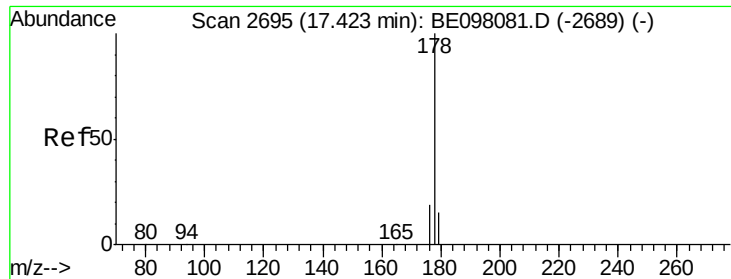
Delta R.T. 0.00 min

Lab File: BE098083.D

Acq: 26 Oct 2018 11:13

Tgt Ion:	178	Resp:	220748
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.0	19.4
176	19.8	15.7	23.5





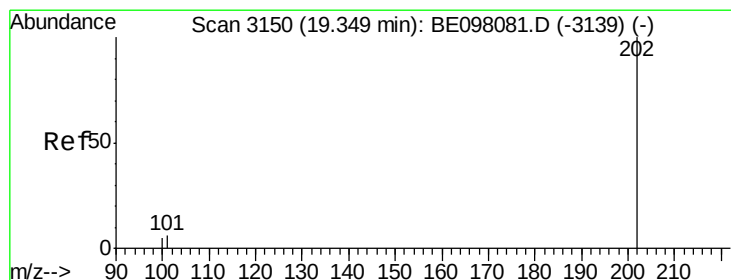
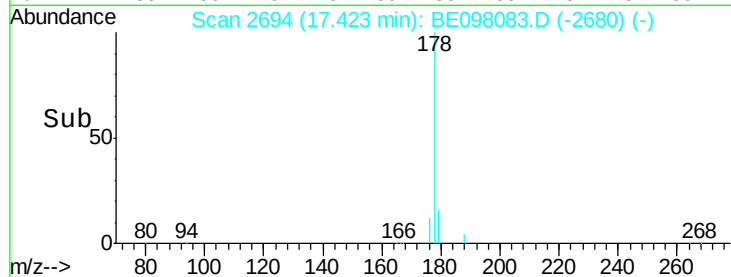
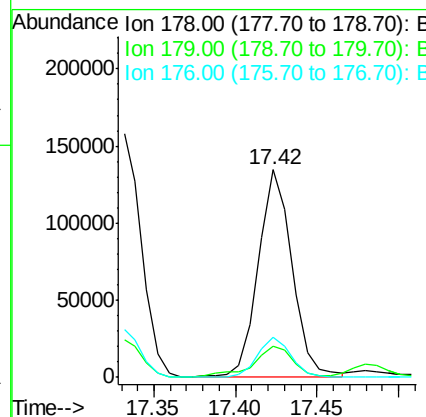
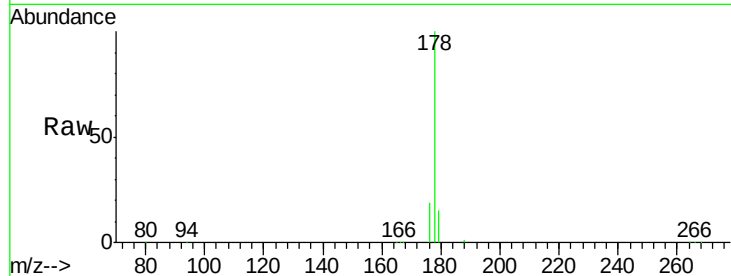
#13
 Anthracene
 Concen: 8.917 ng/ul
 RT: 17.42 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: BE098083.D
 Acq: 26 Oct 2018 11:13

Instrument :
 BNA_E
 ClientSampleId :
 C0AE4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.4	15.6	23.4

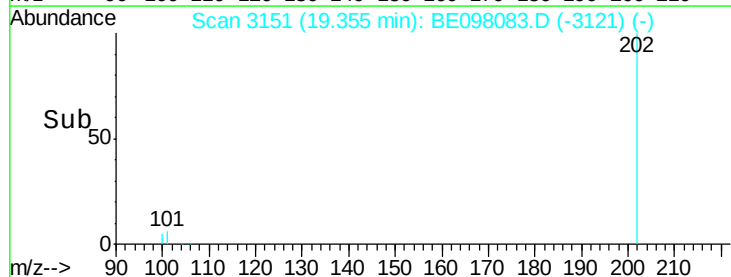
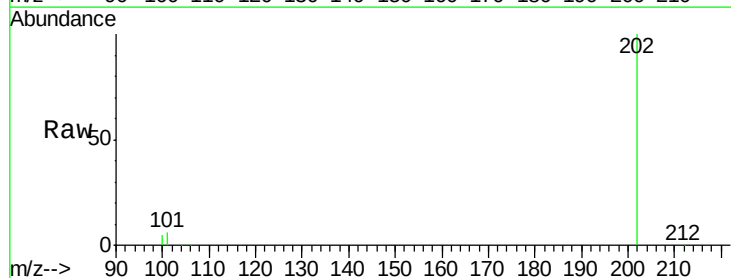
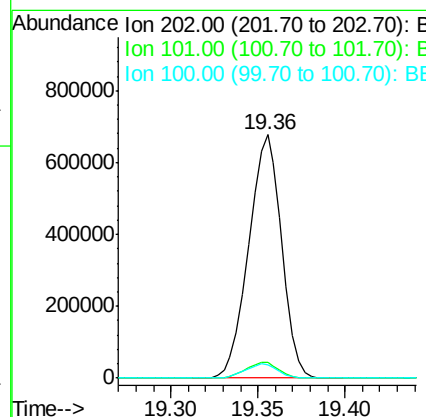
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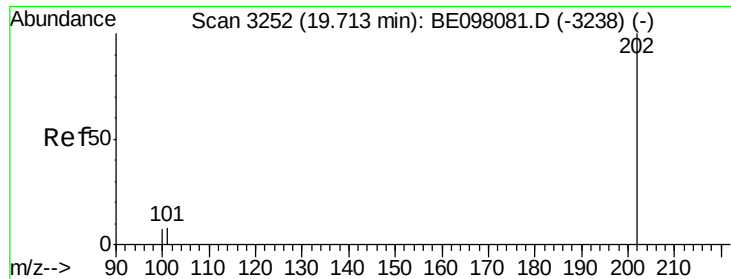
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#15
 Fluoranthene
 Concen: 31.917 ng/ul
 RT: 19.36 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BE098083.D
 Acq: 26 Oct 2018 11:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	27.5
100	5.5	0.0	26.0





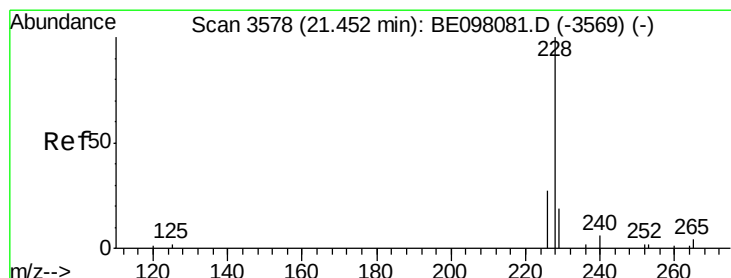
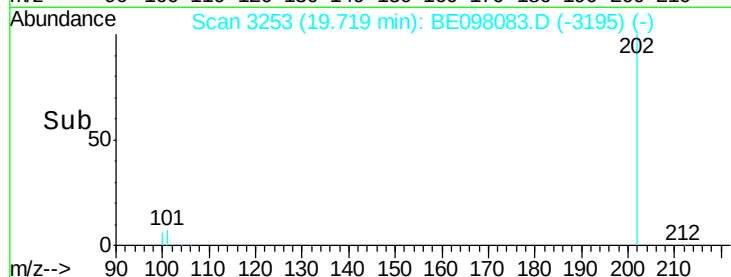
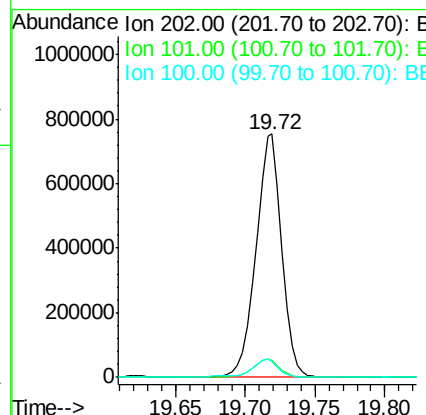
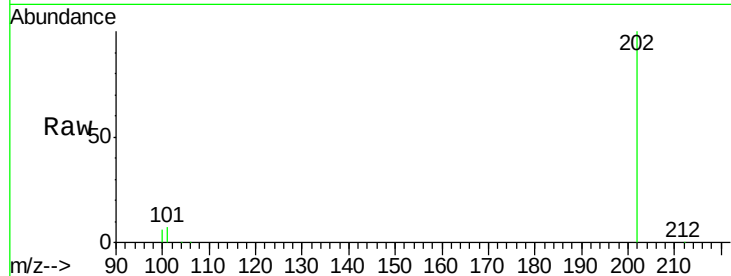
#17
Pyrene
Concen: 27.530 ng/ul
RT: 19.72 min Scan# 3253
Delta R.T. 0.01 min
Lab File: BE098083.D
Acq: 26 Oct 2018 11:13

Instrument :
BNA_E
ClientSampled :
C0AE4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.0	6.9	10.3
100	6.3	6.0	9.0

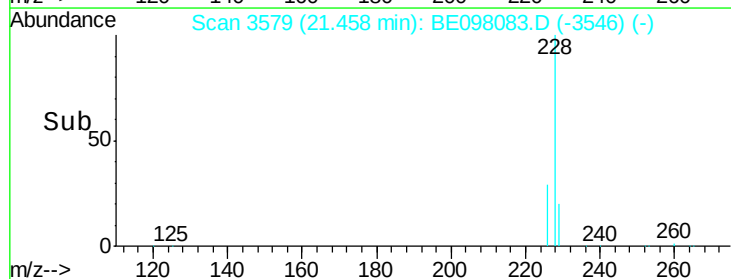
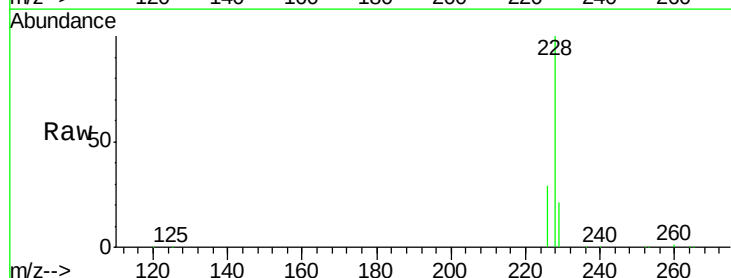
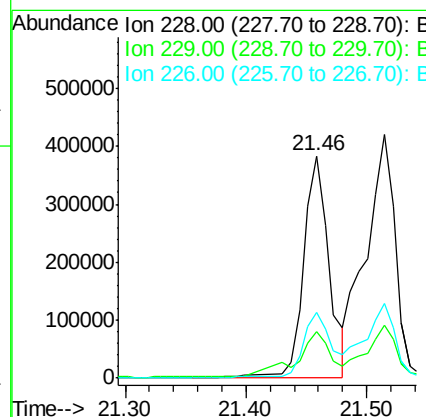
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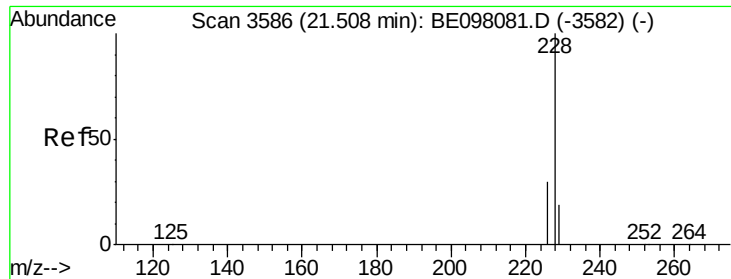
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#18
Benzo(a)anthracene
Concen: 13.517 ng/ul
RT: 21.46 min Scan# 3579
Delta R.T. 0.01 min
Lab File: BE098083.D
Acq: 26 Oct 2018 11:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	16.1	24.1
226	29.5	22.2	33.4





#19

Chrysene

Concen: 20.803 ng/ul

RT: 21.51 min Scan# 3587

Delta R.T. 0.01 min

Lab File: BE098083.D

Acq: 26 Oct 2018 11:13

Instrument :

BNA_E

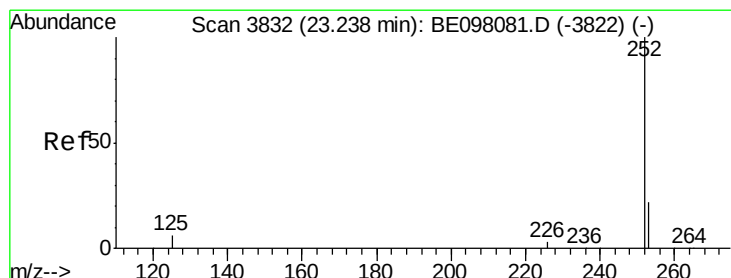
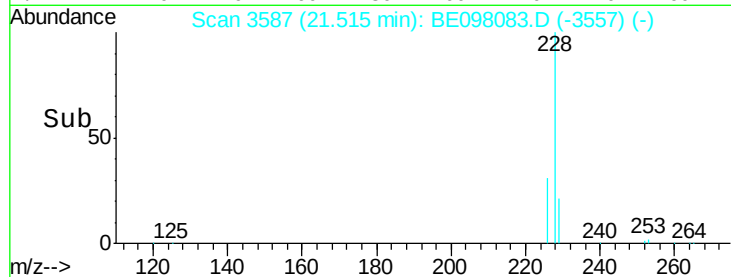
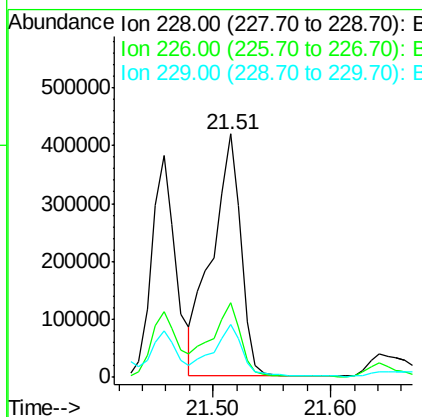
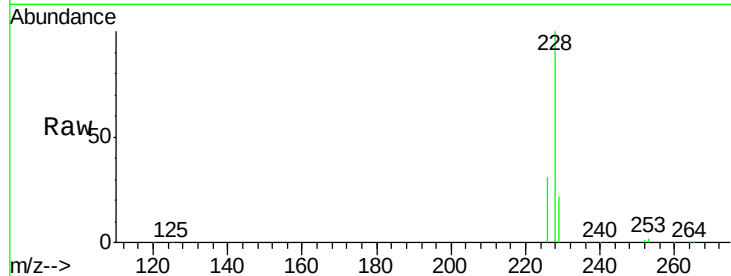
ClientSampled :

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Tgt Ion:	228	Resp:	713214
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.6	37.0
229	21.7	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 44.764 ng/ul m

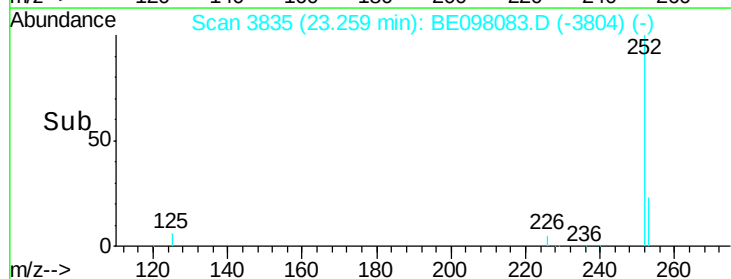
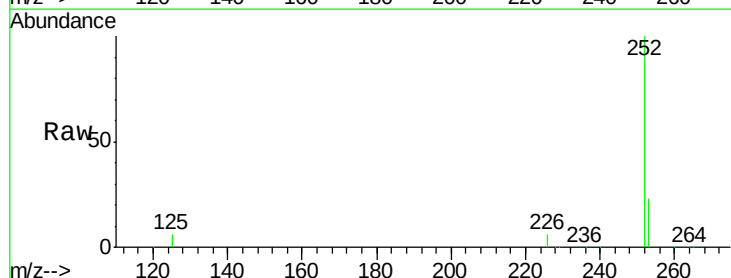
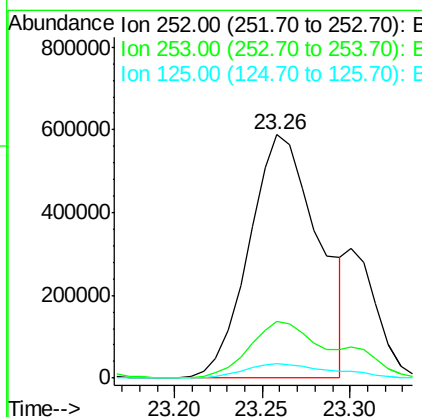
RT: 23.26 min Scan# 3835

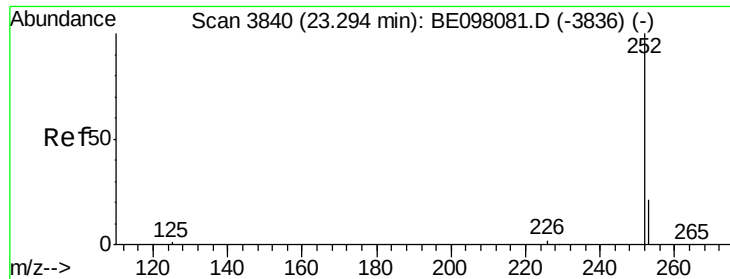
Delta R.T. 0.02 min

Lab File: BE098083.D

Acq: 26 Oct 2018 11:13

Tgt Ion:	252	Resp:	1610454
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	47.8
125	5.9	0.0	16.8





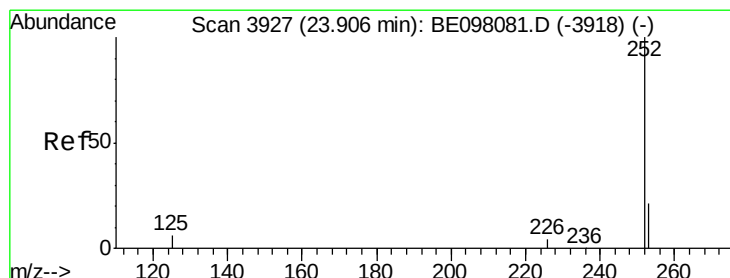
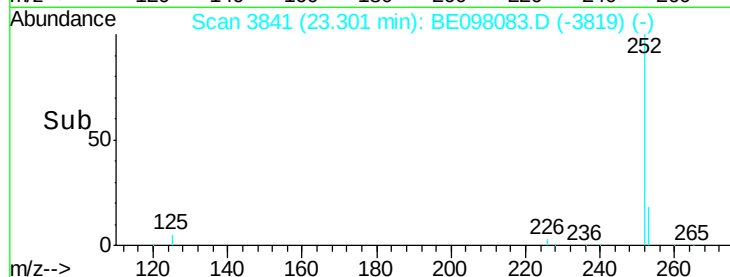
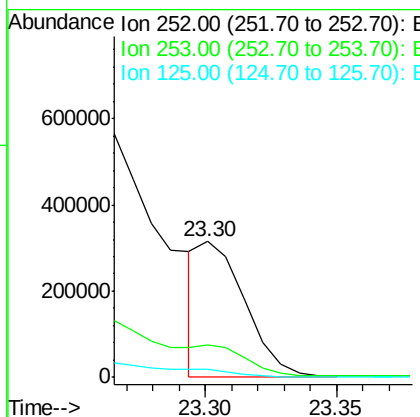
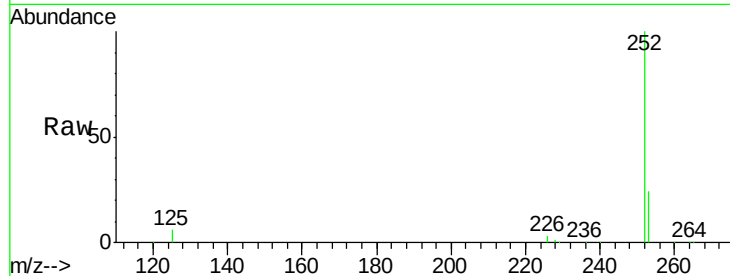
#22
Benzo(k)fluoranthene
Concen: 10.873 ng/ul m
RT: 23.30 min Scan# 3841
Delta R.T. 0.01 min
Lab File: BE098083.D
Acq: 26 Oct 2018 11:13

Instrument :
BNA_E
ClientSampleId :
C0AE4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.3	28.9
125	5.6	6.2	9.2#

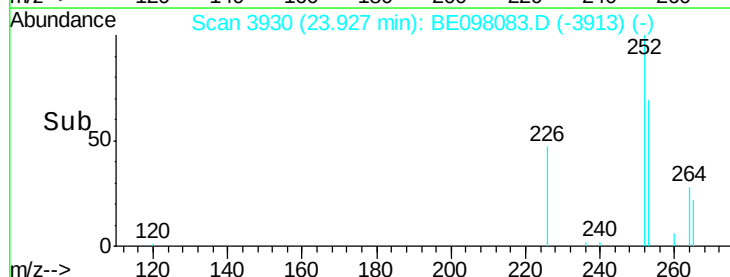
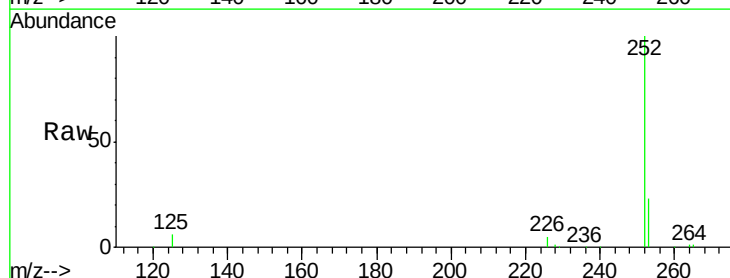
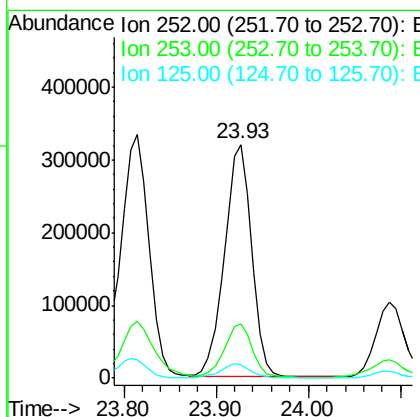
Manual Integrations
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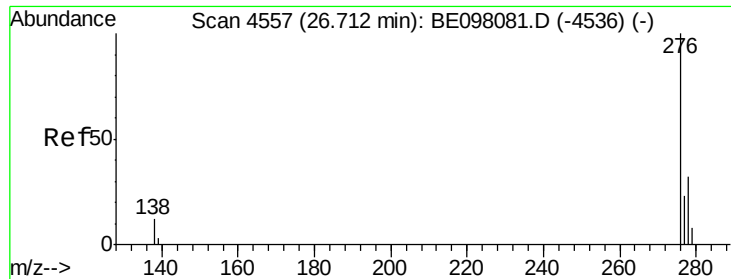
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#23
Benzo(a)pyrene
Concen: 19.042 ng/ul
RT: 23.93 min Scan# 3930
Delta R.T. 0.02 min
Lab File: BE098083.D
Acq: 26 Oct 2018 11:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.2
125	5.9	7.8	11.8#





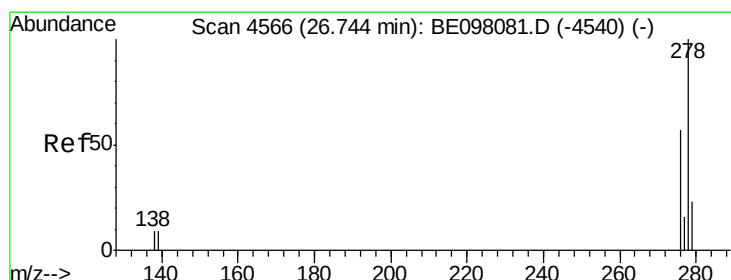
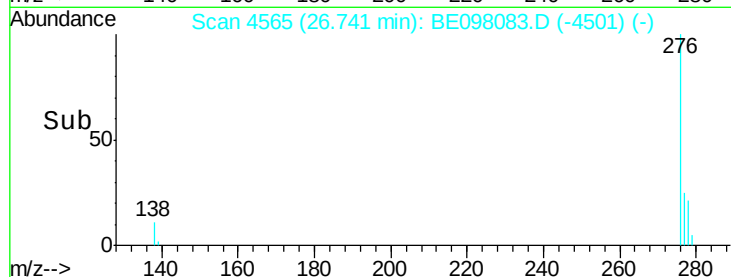
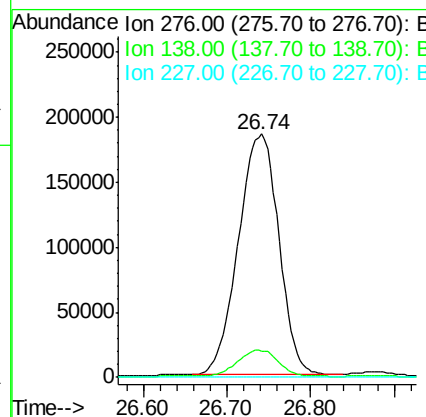
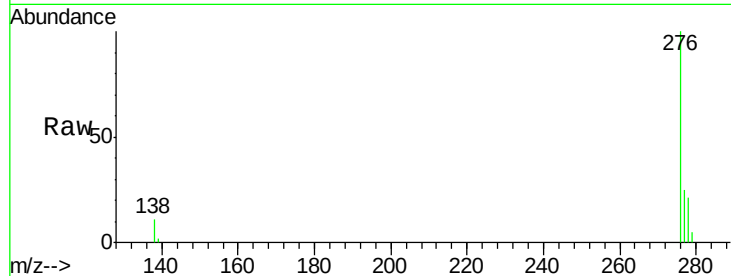
#24
Indeno(1,2,3-cd)pyrene
Concen: 15.611 ng/ul
RT: 26.74 min Scan# 4565
Delta R.T. 0.03 min
Lab File: BE098083.D
Acq: 26 Oct 2018 11:13

Instrument :
BNA_E
ClientSampled :
C0AE4

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	619003		
138	11.2		11.8	17.8#
227	0.0		0.0	0.0

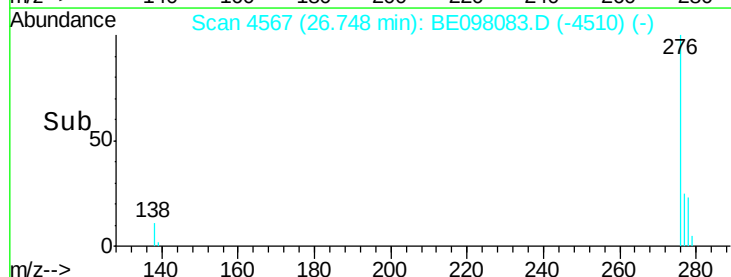
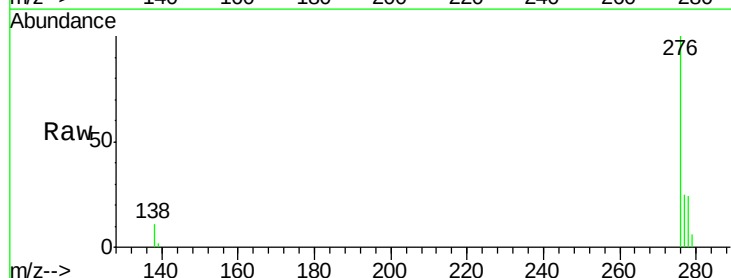
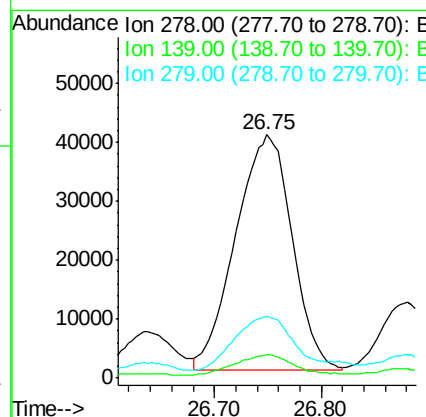
Manual Integrations
APPROVED

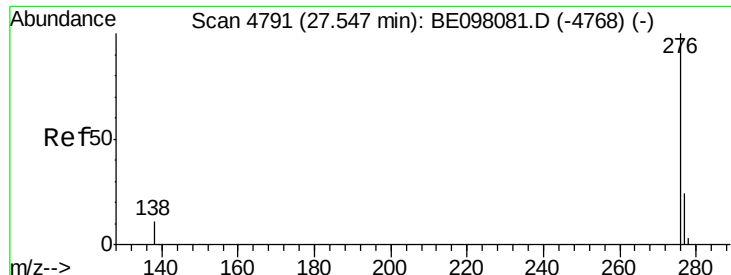
Sohil
10/29/2018 3:09:15 PM



#25
Dibenzo(a,h)anthracene
Concen: 4.485 ng/ul m
RT: 26.75 min Scan# 4567
Delta R.T. 0.00 min
Lab File: BE098083.D
Acq: 26 Oct 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	148202		
139	9.5		10.0	15.0#
279	25.4		20.3	30.5





#26

Benzo(g,h,i)perylene

Concen: 15.253 ng/ul

RT: 27.58 min Scan# 4799

Delta R.T. 0.03 min

Lab File: BE098083.D

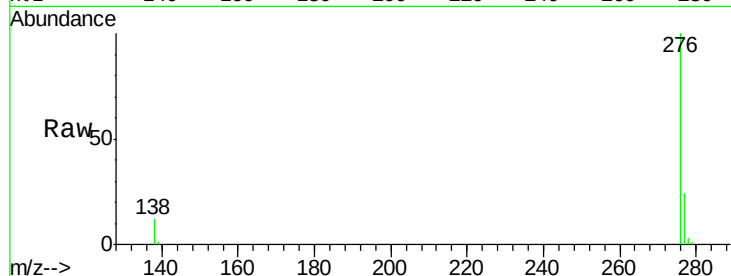
Acq: 26 Oct 2018 11:13

Instrument :

BNA_E

ClientSampleId :

C0AE4



Tgt Ion: 276 Resp: 509135

Ion Ratio Lower Upper

276 100

138 11.6 11.6 17.4#

277 24.2 20.8 31.2

Manual Integrations
APPROVED

Sohil
10/29/2018 3:09:15 PM

