

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
 Data File : BE098096.D
 Acq On : 26 Oct 2018 19:45
 Operator : SJ/JU
 Sample : J5598-10DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE1DL

Manual Integrations
 APPROVED

Sohil
 10/29/2018 3:09:27 PM

Quant Time: Oct 27 00:44:52 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 : Sat Oct 27 00:33:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1075	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5473	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3813	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9148	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	12503	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	10441	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	378	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	1046	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	3231	0.247	ng/ul	100
5) 2-Methylnaphthalene	12.34	142	1128	0.114	ng/ul	100
7) Acenaphthylene	14.26	152	5879	0.391	ng/ul	99
8) Acenaphthene	14.60	153	505	0.045	ng/ul	96
9) Fluorene	15.59	166	445	0.033	ng/ul#	93
12) Phenanthrene	17.33	178	12553	0.595	ng/ul	99
13) Anthracene	17.42	178	8960	0.430	ng/ul	99
15) Fluoranthene	19.35	202	139104	5.168	ng/ul	99
17) Pyrene	19.71	202	162204	5.556	ng/ul	98
18) Benzo(a)anthracene	21.45	228	112176	3.051	ng/ul	99
19) Chrysene	21.51	228	126468	4.447	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	201765m	6.975	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	70542m	2.491	ng/ul	
23) Benzo(a)pyrene	23.91	252	78531	2.823	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.71	276	67466	2.116	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.73	278	17008	0.640	ng/ul	98
26) Benzo(g,h,i)perylene	27.54	276	51662	1.925	ng/ul	97

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

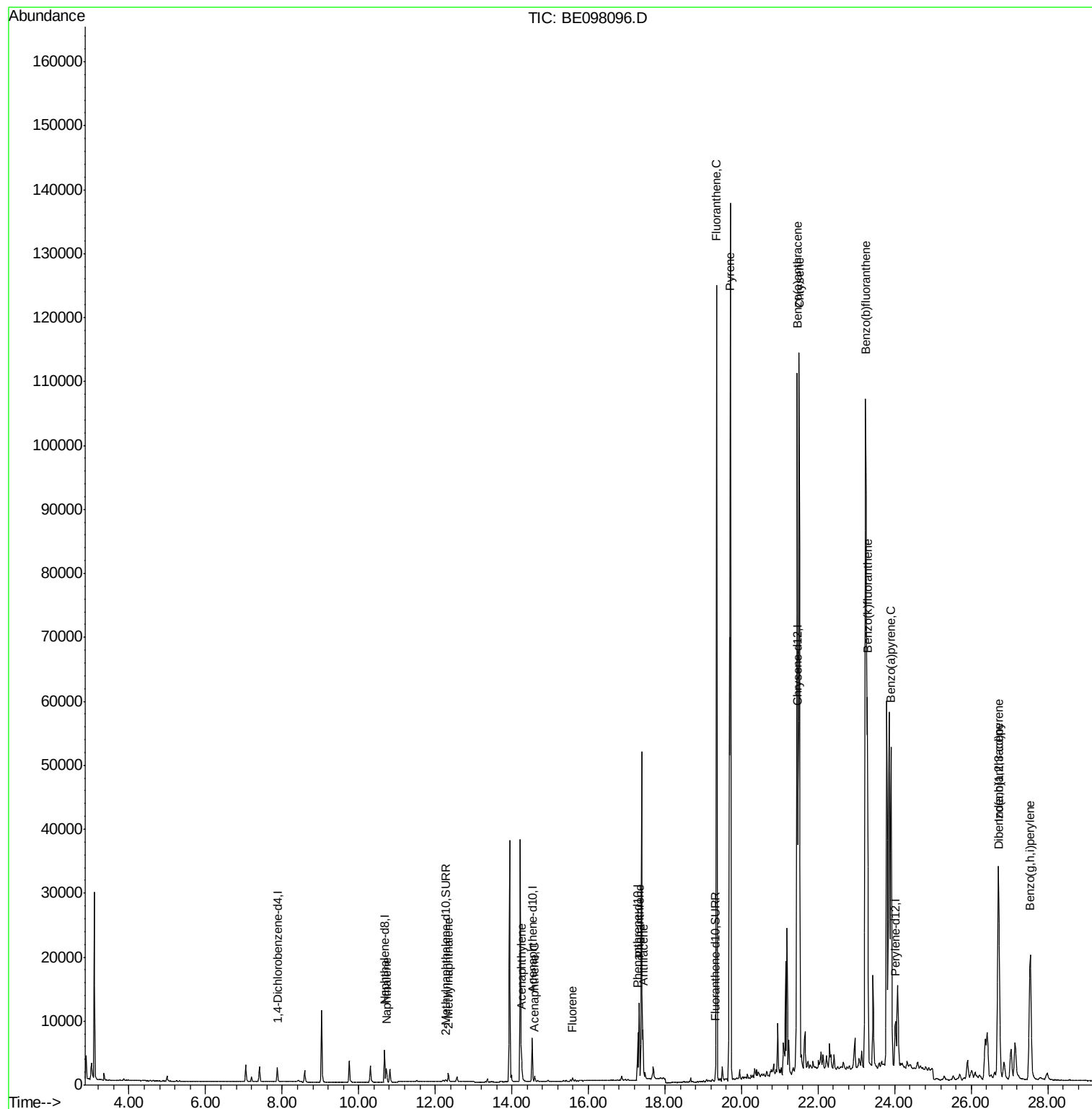
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098096.D
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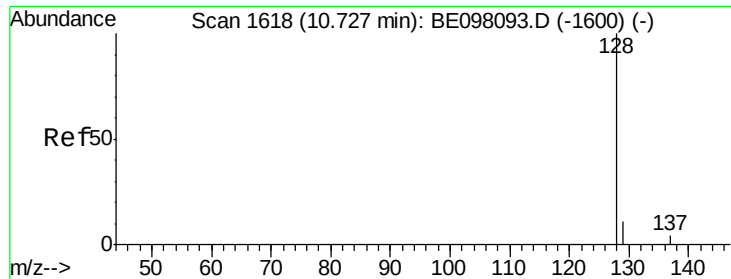
Instrument :
BNA_E
ClientSampled :
C0AE1DL

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Quant Time: Oct 27 00:44:52 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 : Sat Oct 27 00:33:42 2018
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#3

Naphthalene

Concen: 0.247 ng/ul

RT: 10.73 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Instrument :

BNA_E

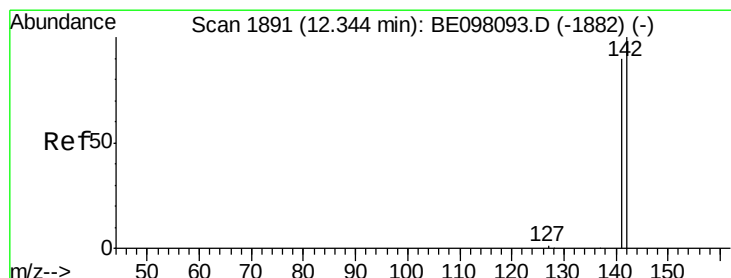
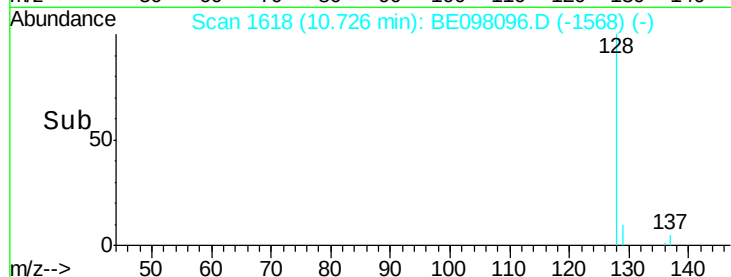
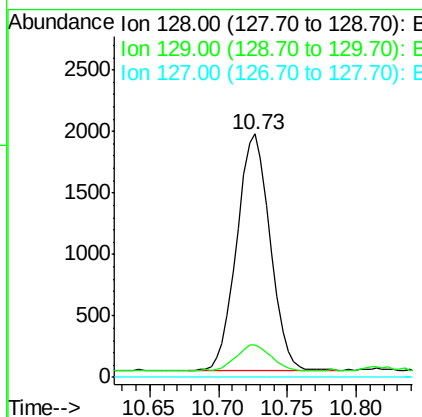
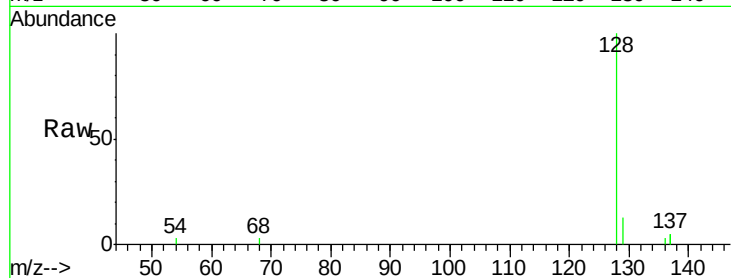
ClientSampleId :

C0AE1DL

Tgt Ion:	128	Resp:	3231
Ion Ratio	Lower	Upper	
128	100		
129	13.2	10.5	15.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.114 ng/ul

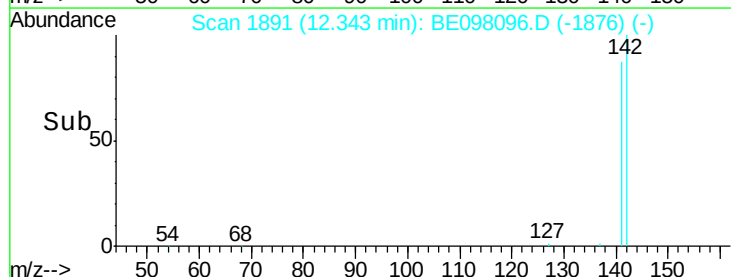
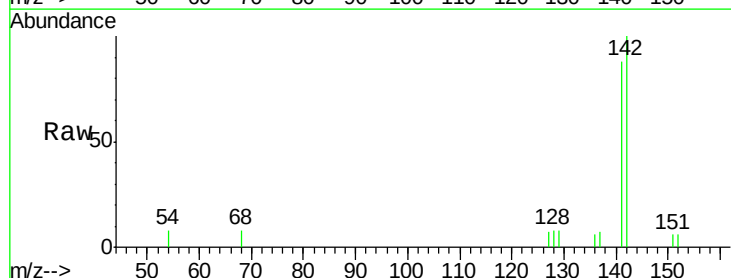
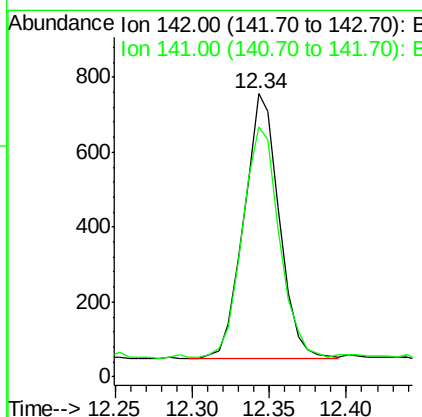
RT: 12.34 min Scan# 1891

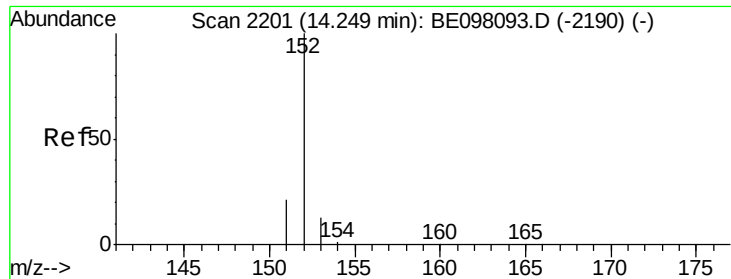
Delta R.T. -0.00 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Tgt Ion:	142	Resp:	1128
Ion Ratio	Lower	Upper	
142	100		
141	90.7	72.5	108.7





#7

Acenaphthylene

Concen: 0.391 ng/ul

RT: 14.26 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Instrument :

BNA_E

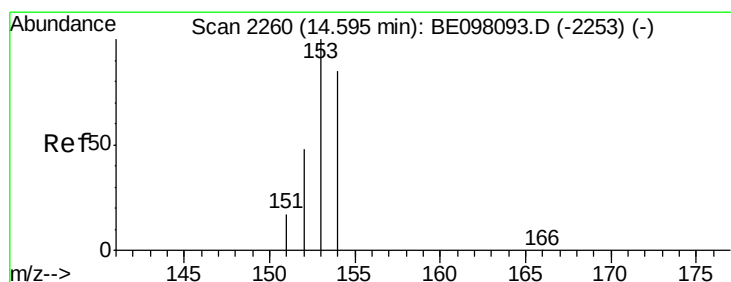
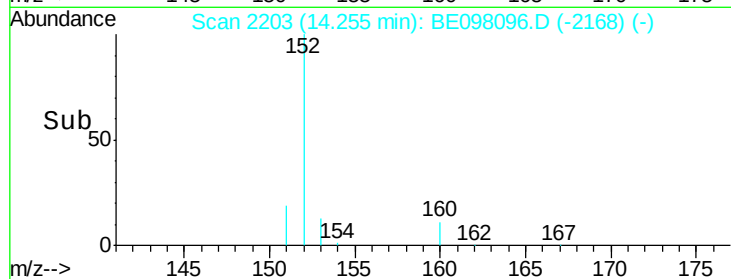
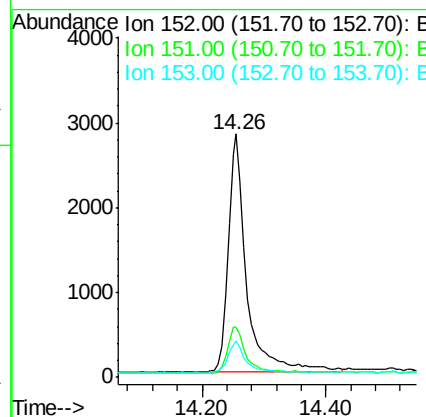
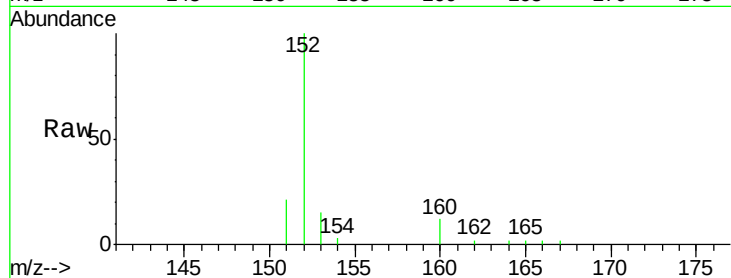
ClientSampleId :

C0AE1DL

Tgt Ion:	152	Resp:	5879
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.3	25.9
153	15.1	11.9	17.9

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#8

Acenaphthene

Concen: 0.045 ng/ul

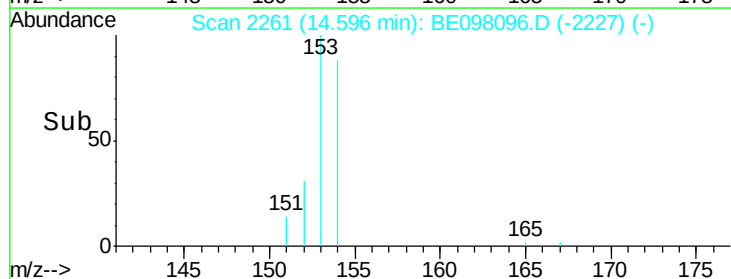
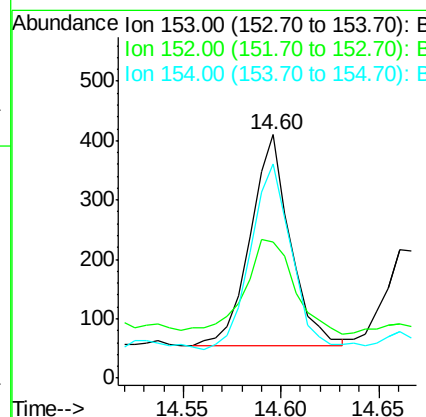
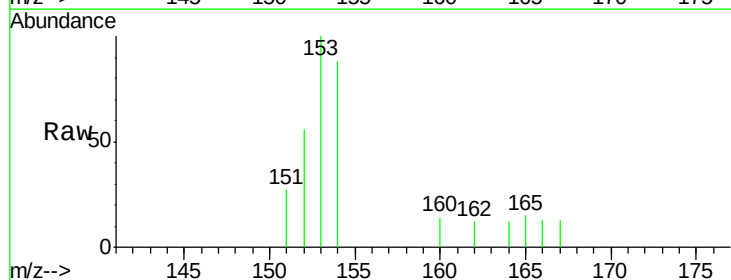
RT: 14.60 min Scan# 2261

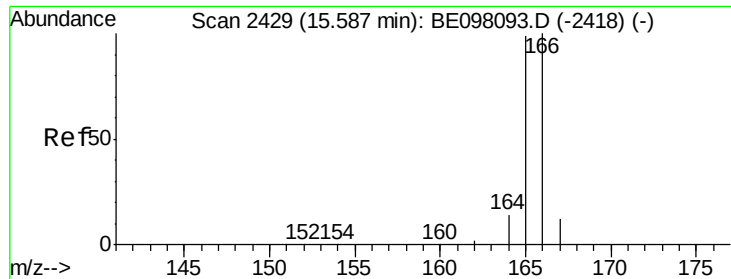
Delta R.T. 0.00 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Tgt Ion:	153	Resp:	505
Ion Ratio	Lower	Upper	
153	100		
152	55.9	39.4	59.0
154	87.8	70.5	105.7





#9

Fluorene

Concen: 0.033 ng/ul

RT: 15.59 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Instrument :

BNA_E

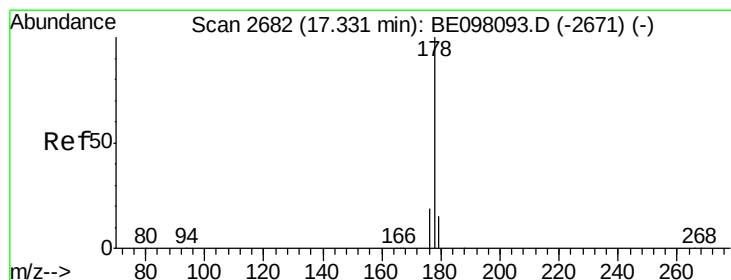
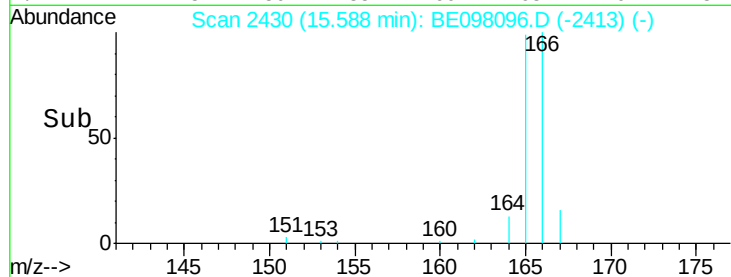
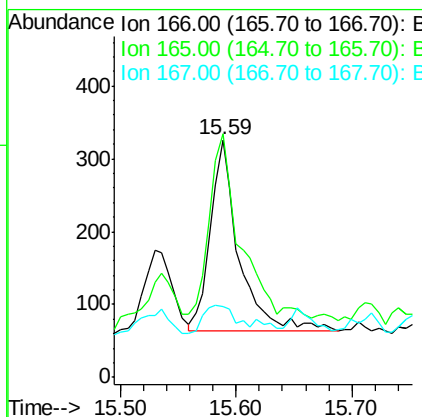
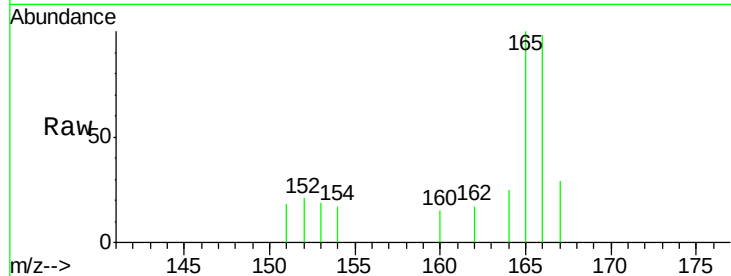
ClientSampleId :

C0AE1DL

Tgt Ion:	166	Resp:	445
Ion Ratio	Lower	Upper	
166	100		
165	102.5	80.2	120.4
167	30.1	12.0	18.0#

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#12

Phenanthrene

Concen: 0.595 ng/ul

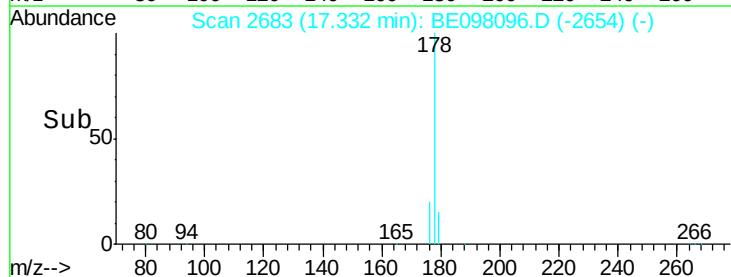
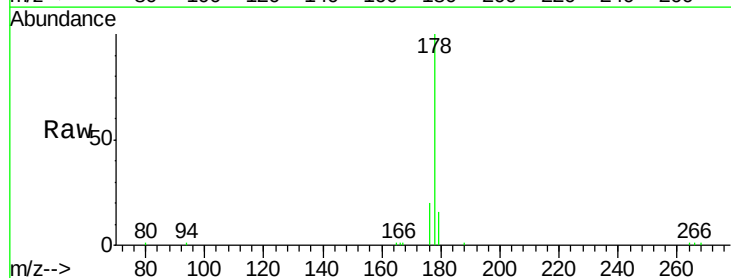
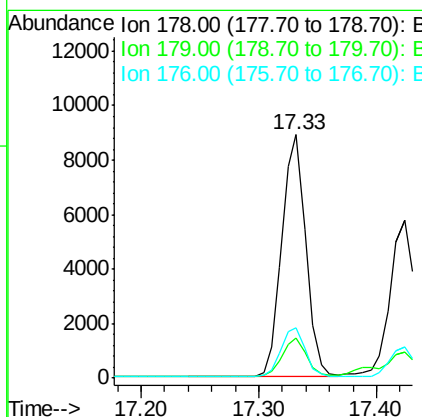
RT: 17.33 min Scan# 2683

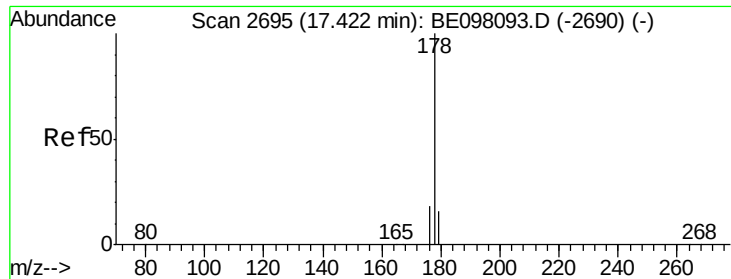
Delta R.T. 0.00 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Tgt Ion:	178	Resp:	12553
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.0	19.4
176	20.4	15.7	23.5





#13

Anthracene

Concen: 0.430 ng/ul

RT: 17.42 min Scan# 2696

Delta R.T. 0.00 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Instrument :

BNA_E

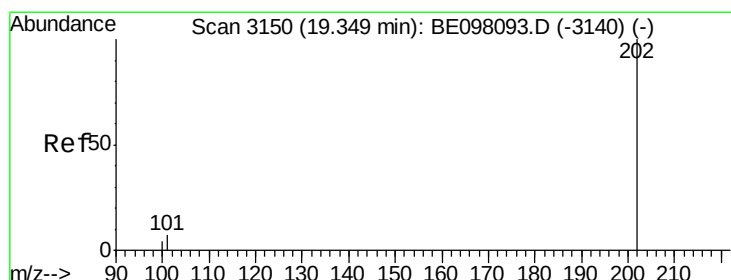
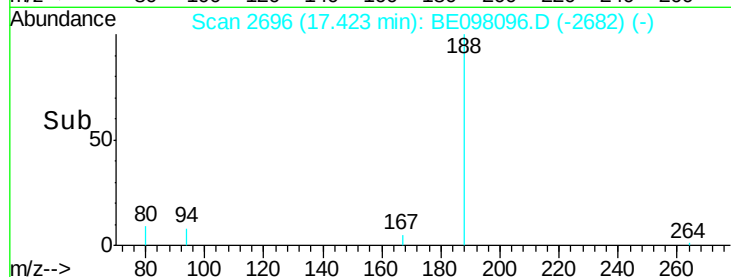
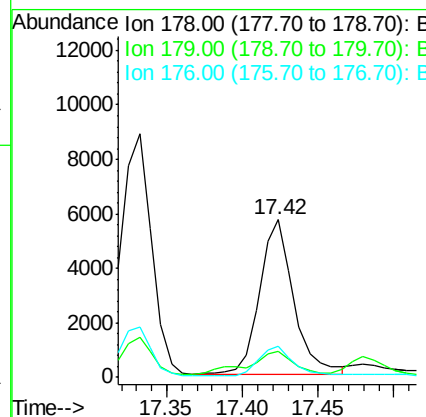
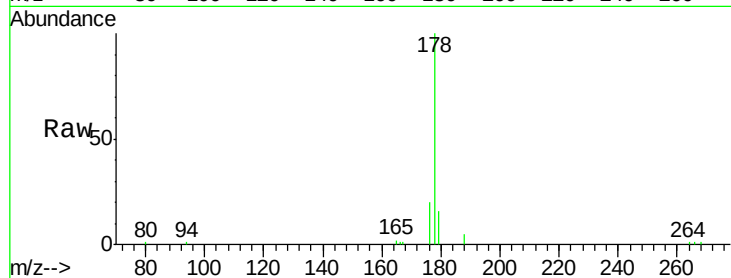
ClientSampleId :

C0AE1DL

Tgt Ion:	178	Resp:	8960
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	19.0
176	19.8	15.6	23.4

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#15

Fluoranthene

Concen: 5.168 ng/ul

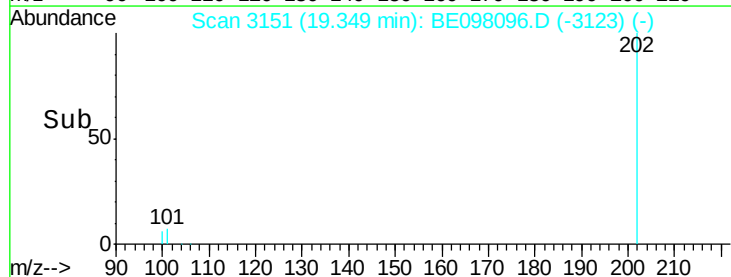
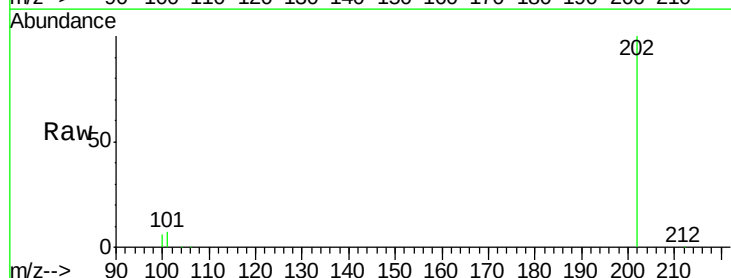
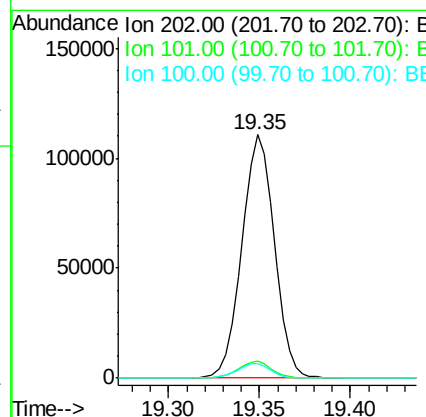
RT: 19.35 min Scan# 3151

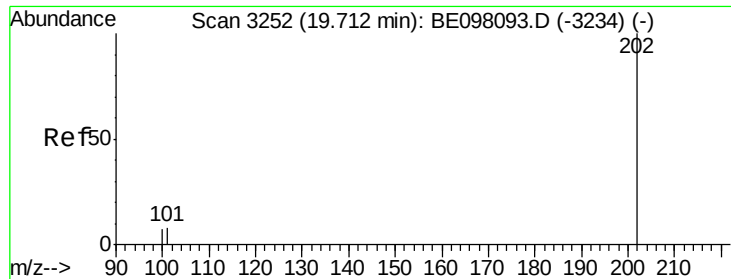
Delta R.T. 0.00 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Tgt Ion:	202	Resp:	139104
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	27.5
100	5.8	0.0	26.0





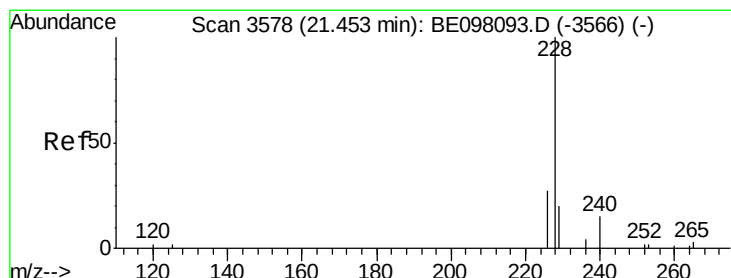
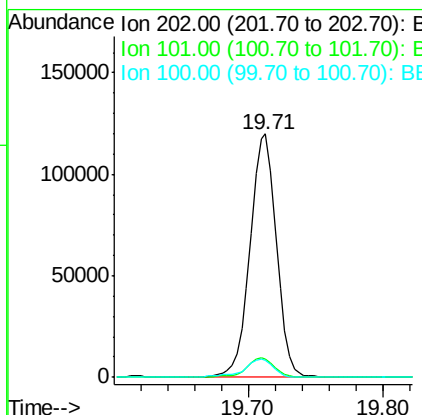
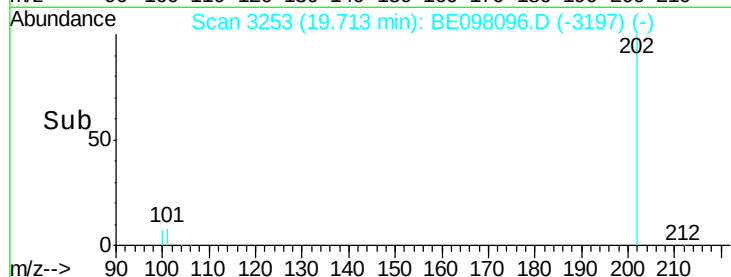
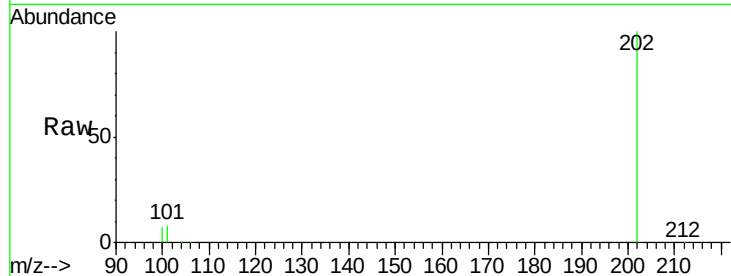
#17
Pyrene
 Concen: 5.556 ng/ul
 RT: 19.71 min Scan# 3253
 Delta R.T. 0.00 min
 Lab File: BE098096.D
 Acq: 26 Oct 2018 19:45

Instrument :
 BNA_E
 ClientSampleId :
 C0AE1DL

Tgt Ion:	202	Resp:	162204
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.9	10.3
100	6.9	6.0	9.0

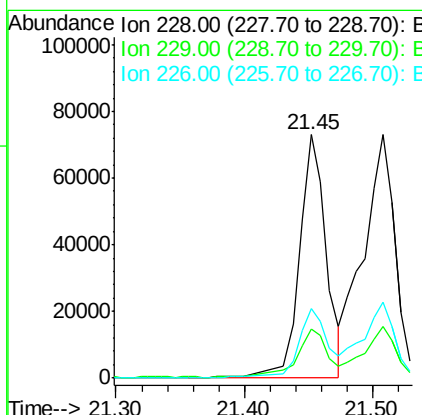
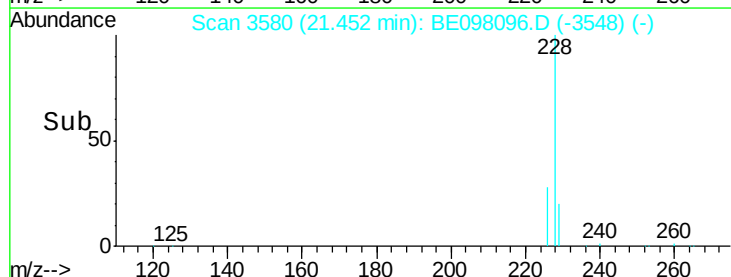
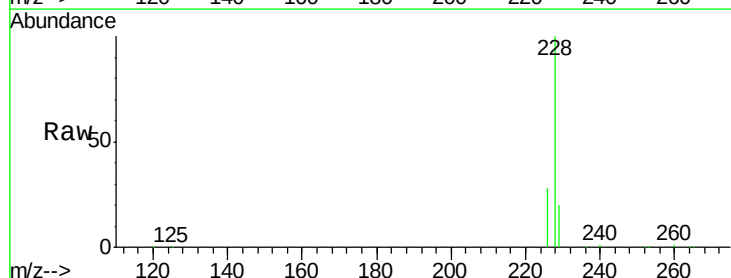
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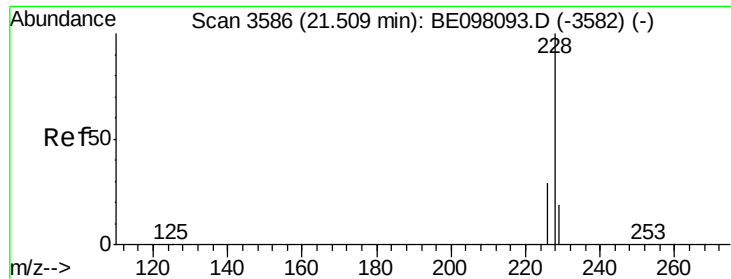
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#18
Benzo(a)anthracene
 Concen: 3.051 ng/ul
 RT: 21.45 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: BE098096.D
 Acq: 26 Oct 2018 19:45

Tgt Ion:	228	Resp:	112176
Ion Ratio	Lower	Upper	
228	100		
229	20.1	16.1	24.1
226	28.3	22.2	33.4





#19

Chrysene

Concen: 4.447 ng/ul

RT: 21.51 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Instrument :

BNA_E

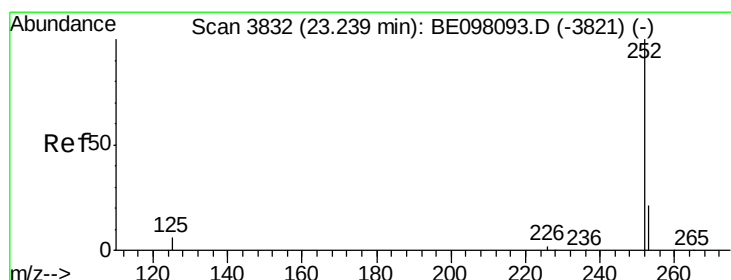
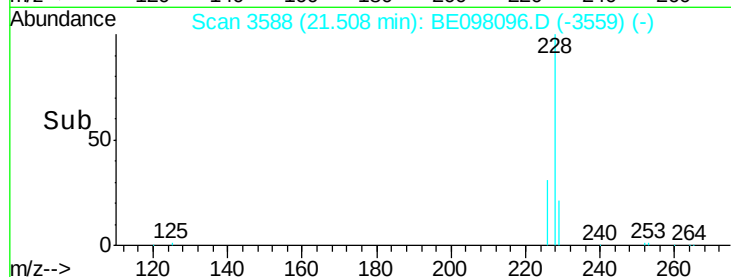
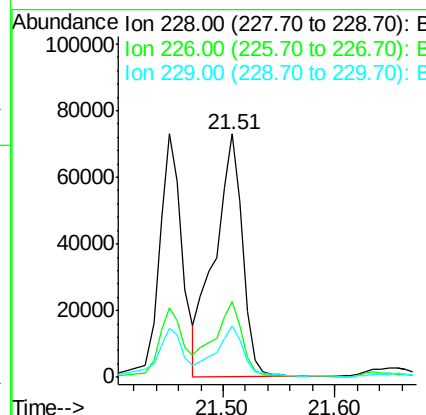
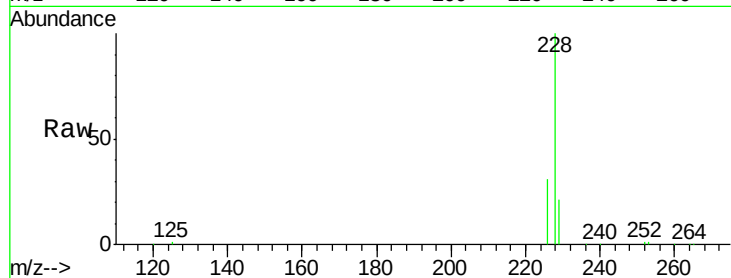
ClientSampleId :

C0AE1DL

Tgt Ion:	228	Resp:	126468
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.6	37.0
229	21.2	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 6.975 ng/ul m

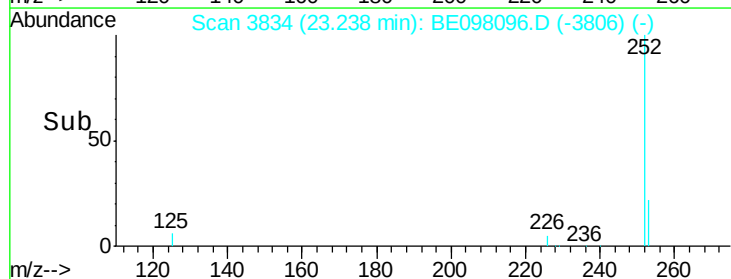
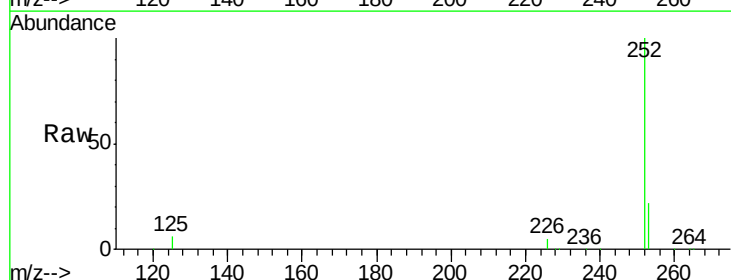
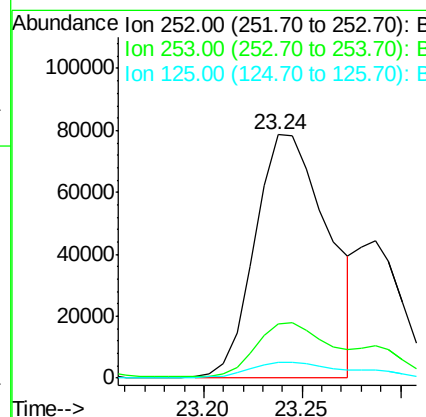
RT: 23.24 min Scan# 3834

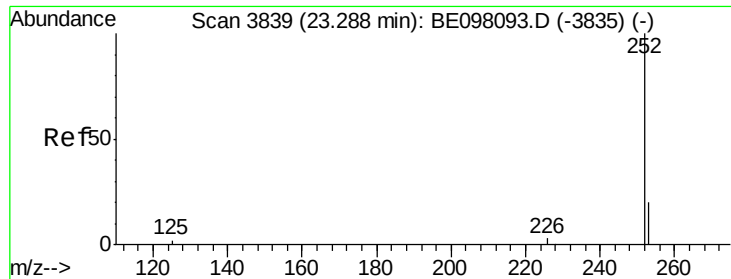
Delta R.T. -0.00 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Tgt Ion:	252	Resp:	201765
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	47.8
125	6.4	0.0	16.8





#22

Benzo(k)fluoranthene

Concen: 2.491 ng/ul m

RT: 23.29 min Scan# 3841

Delta R.T. -0.00 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Instrument :

BNA_E

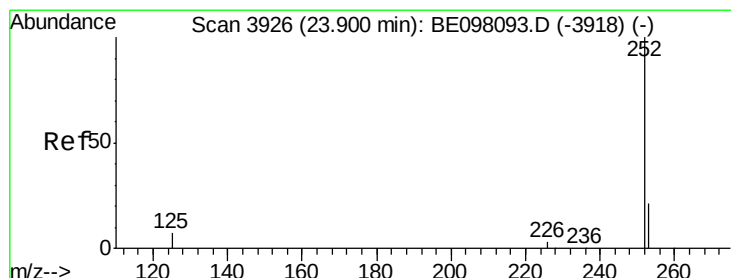
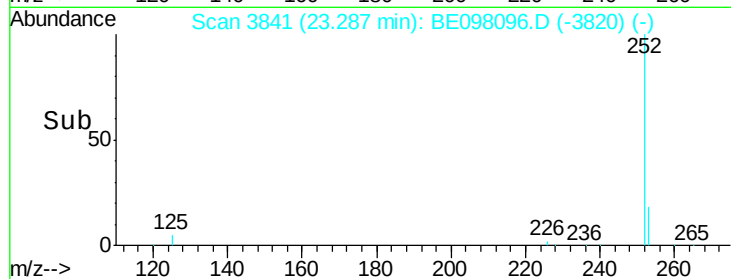
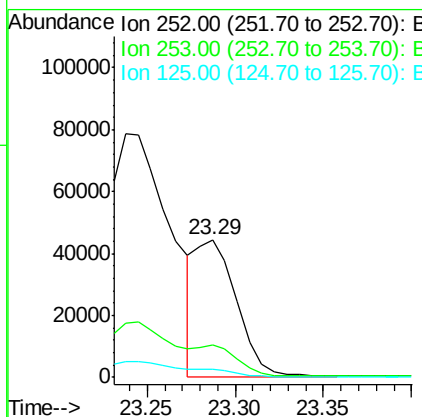
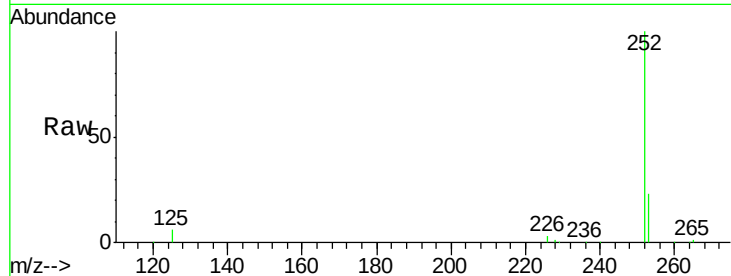
ClientSampleId :

C0AE1DL

Tgt Ion:252 Resp: 70542
 Ion Ratio Lower Upper
 252 100
 253 23.2 19.3 28.9
 125 5.8 6.2 9.2#

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#23

Benzo(a)pyrene

Concen: 2.823 ng/ul

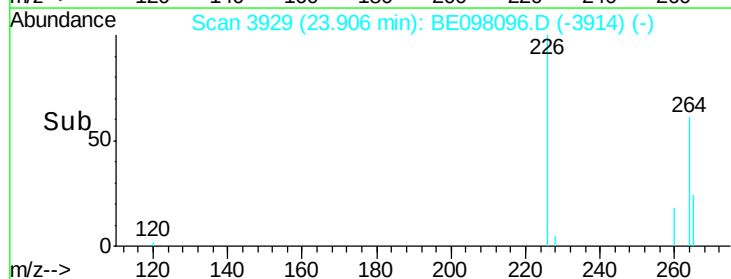
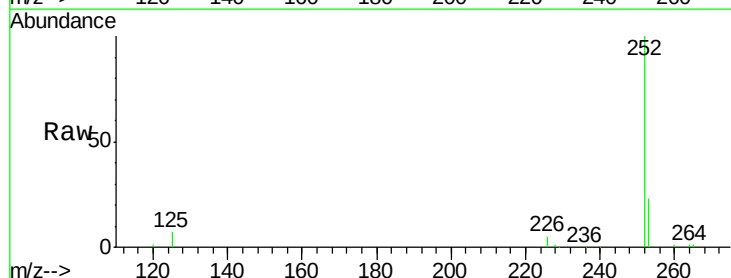
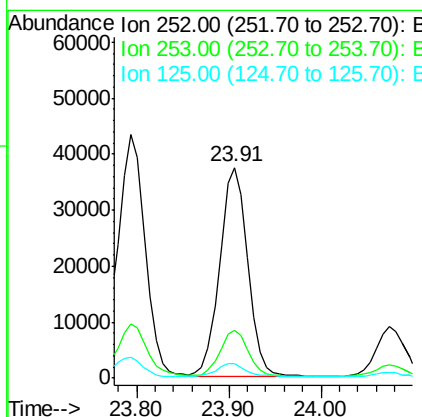
RT: 23.91 min Scan# 3929

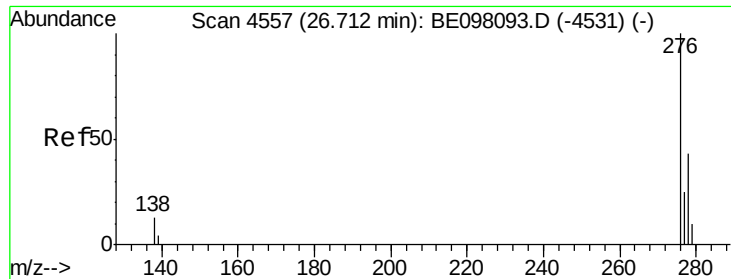
Delta R.T. 0.01 min

Lab File: BE098096.D

Acq: 26 Oct 2018 19:45

Tgt Ion:252 Resp: 78531
 Ion Ratio Lower Upper
 252 100
 253 22.6 19.4 29.2
 125 6.8 7.8 11.8#





#24

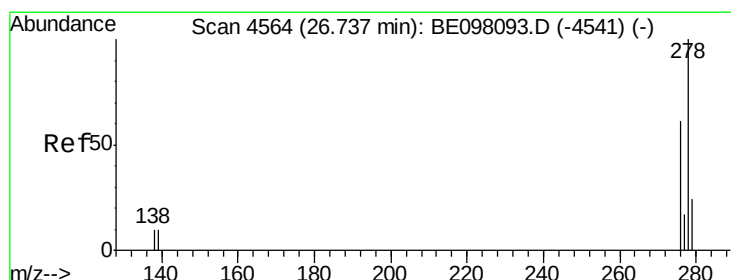
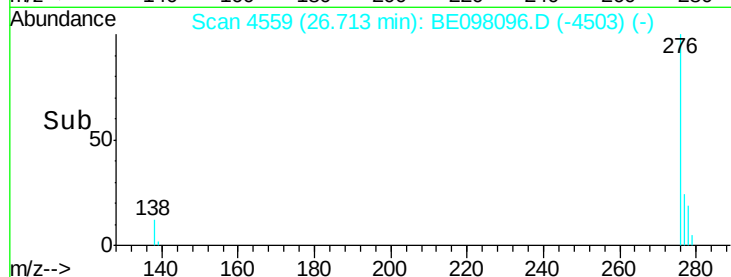
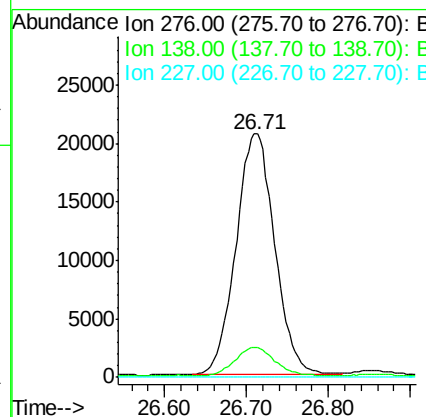
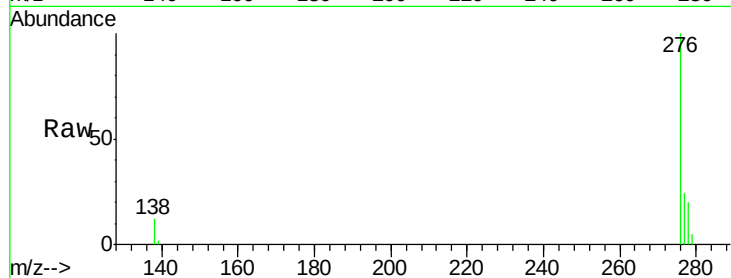
Indeno(1,2,3-cd)pyrene
Concen: 2.116 ng/ul
RT: 26.71 min Scan# 4559
Delta R.T. 0.00 min
Lab File: BE098096.D
Acq: 26 Oct 2018 19:45

Instrument :
BNA_E
ClientSampleId :
C0AE1DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	11.8	17.8
227	0.0	0.0	0.0

Manual Integrations
APPROVED

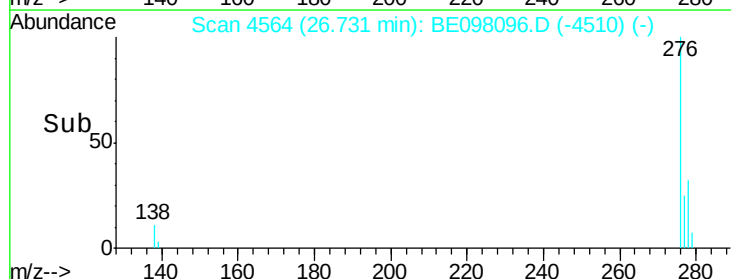
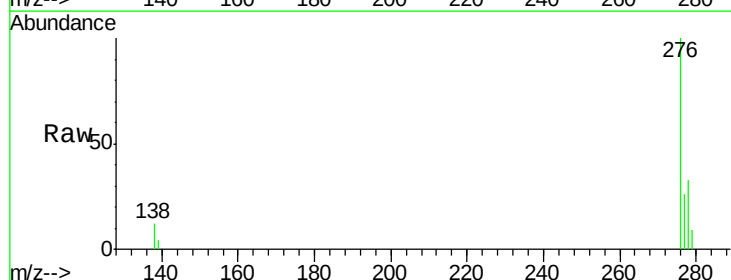
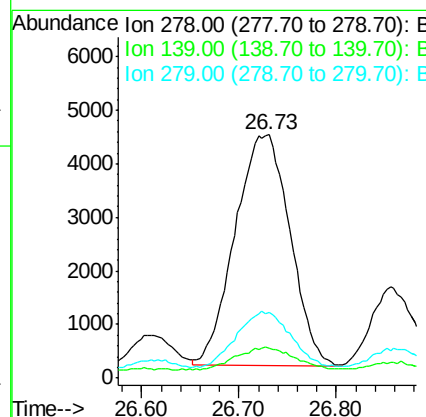
Sohil
10/29/2018 3:09:27 PM

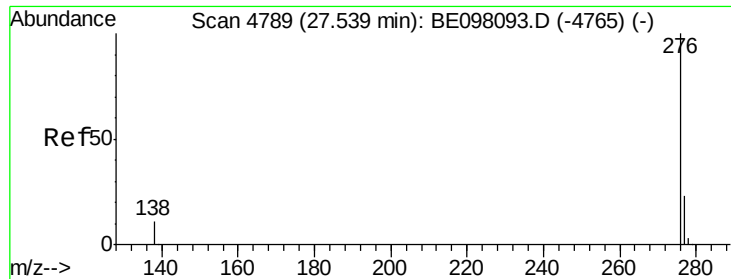


#25

Dibenzo(a,h)anthracene
Concen: 0.640 ng/ul
RT: 26.73 min Scan# 4564
Delta R.T. -0.01 min
Lab File: BE098096.D
Acq: 26 Oct 2018 19:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	10.0	15.0
279	26.7	20.3	30.5





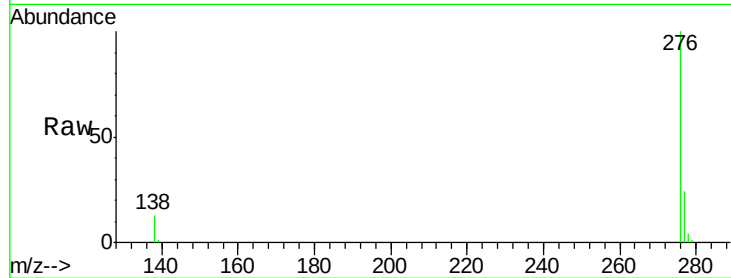
#26
 Benzo(g,h,i)perylene
 Concen: 1.925 ng/ul
 RT: 27.54 min Scan# 4791
 Delta R.T. 0.00 min
 Lab File: BE098096.D
 Acq: 26 Oct 2018 19:45

Instrument :
 BNA_E
 ClientSampleId :
 C0AE1DL

Tgt Ion:	276	Resp:	51662
Ion Ratio	Lower	Upper	
276	100		
138	13.0	11.6	17.4
277	24.3	20.8	31.2

Manual Integrations
 APPROVED

Sohil
 10/29/2018 3:09:27 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

