

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096184.D
 Acq On : 26 Apr 2018 18:09
 Operator : SJ/JU
 Sample : J2449-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD7

Manual Integrations
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Sohil
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Quant Time: Apr 27 05:18:18 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	780	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3174	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1932	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4430m	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	5597m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	4589	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1527	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	4273m	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	1490	0.169	ng/ul#	88
5) 2-Methylnaphthalene	12.81	142	950	0.160	ng/ul	99
7) Acenaphthylene	14.68	152	1053	0.106	ng/ul#	86
8) Acenaphthene	15.01	153	405	0.056	ng/ul#	88
9) Fluorene	15.97	166	519	0.055	ng/ul#	84
12) Phenanthrene	17.70	178	13864m	1.063	ng/ul	
13) Anthracene	17.79	178	3628m	0.277	ng/ul	
15) Fluoranthene	19.67	202	40705m	2.042	ng/ul	
17) Pyrene	20.02	202	20147	1.794	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	14200	0.838	ng/ul#	86
19) Chrysene	21.79	228	26537	1.704	ng/ul	97
21) Benzo(b)fluoranthene	23.55	252	34725m	1.998	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	8840m	0.532	ng/ul	
23) Benzo(a)pyrene	24.24	252	20441	1.354	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.13	276	13467	0.662	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.14	278	3586	0.211	ng/ul	98
26) Benzo(a,h,i)perylene	28.00	276	11246	0.635	ng/ul	95

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

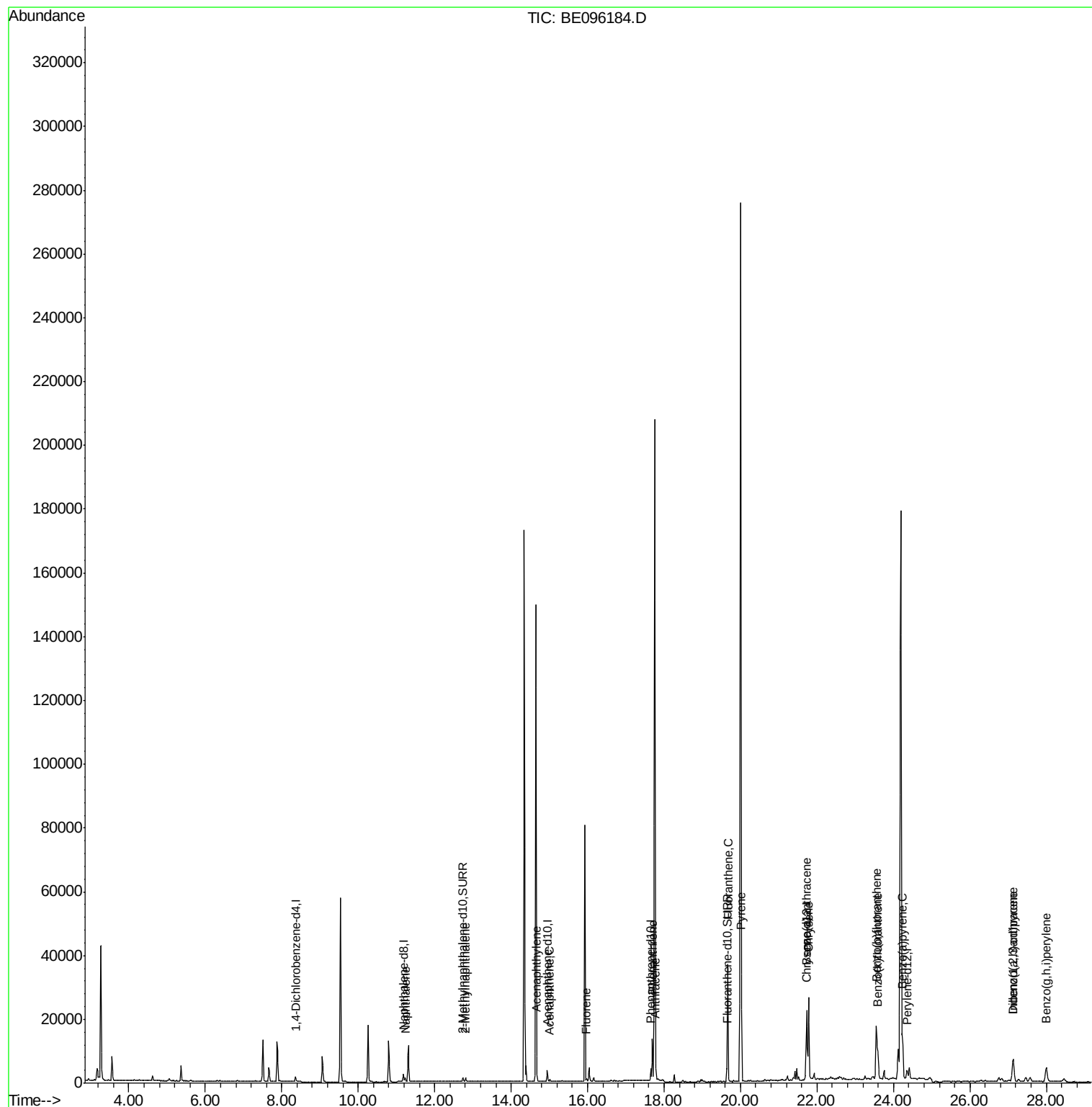
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096184.D
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Operator : SJ/JU
Sample : J2449-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

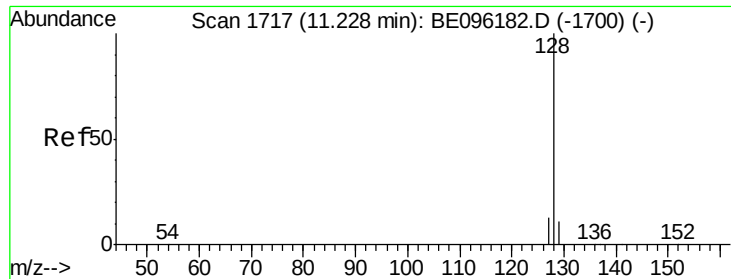
Instrument :
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QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.169 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Instrument :

BNA_E

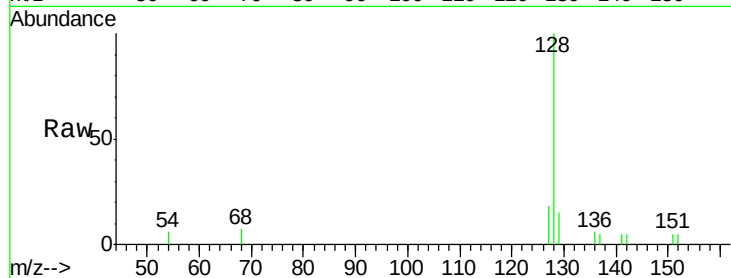
ClientSampleId :

C0AD7

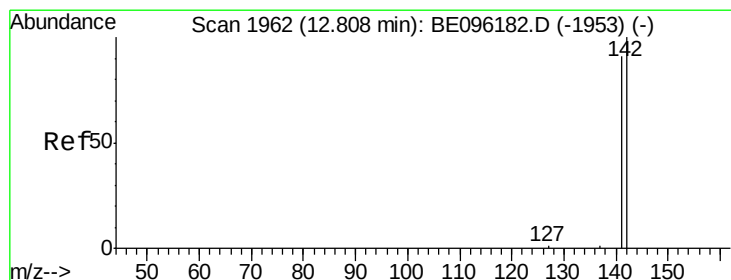
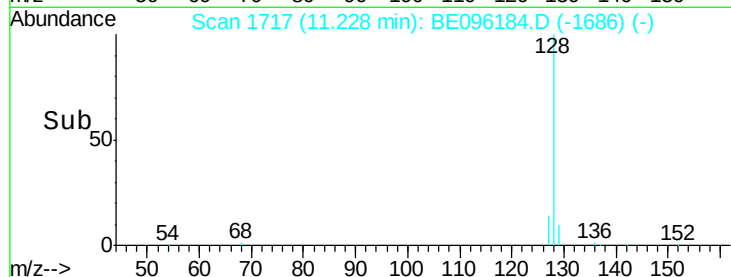
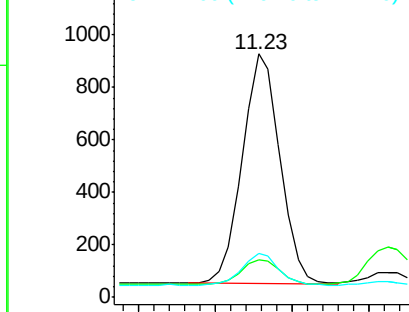
Tot Ion:	128	Resp:	1490
Ion Ratio	Lower	Upper	
128	100		
129	15.3	11.3	16.9
127	18.0	4.0	6.0#

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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



#5

2-Methylnaphthalene

Concen: 0.160 ng/ul

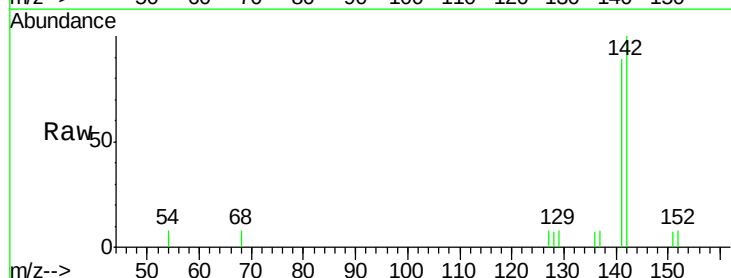
RT: 12.81 min Scan# 1962

Delta R.T. 0.00 min

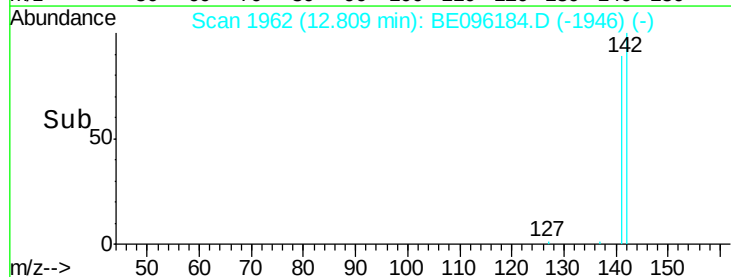
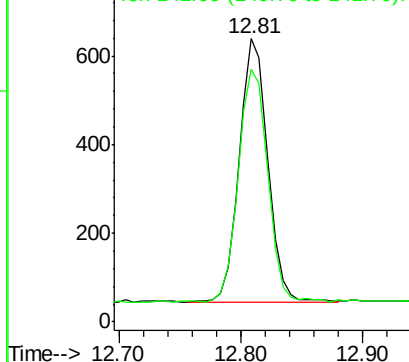
Lab File: BE096184.D

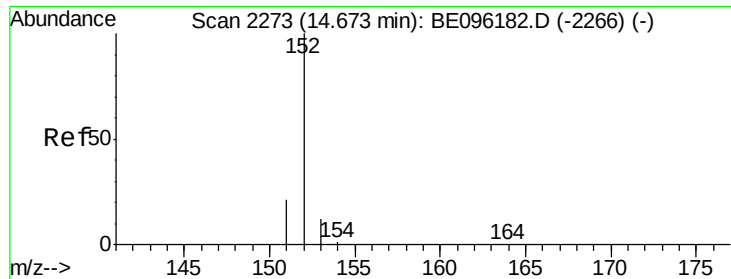
Acq: 26 Apr 2018 18:09

Tgt Ion:	142	Resp:	950
Ion Ratio	Lower	Upper	
142	100		
141	91.4	72.6	108.8



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





#7

Acenaphthylene

Concen: 0.106 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Instrument :

BNA_E

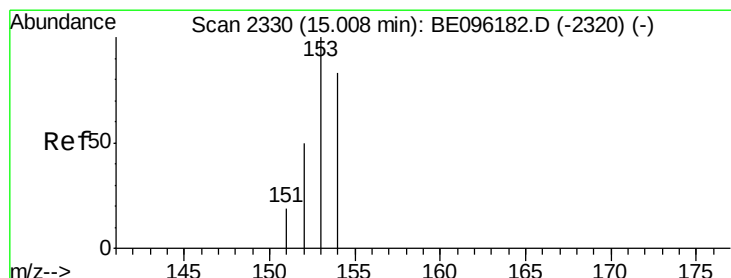
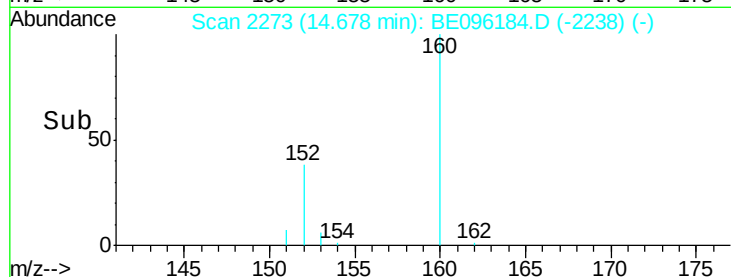
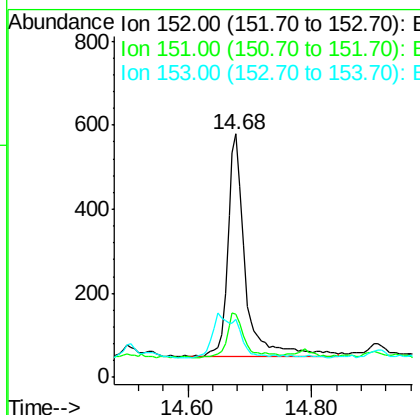
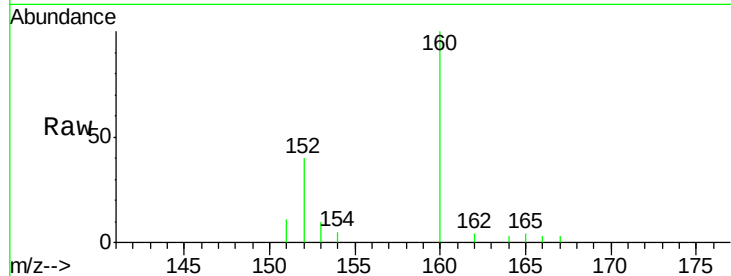
ClientSampleId :

C0AD7

Tot Ion:	152	Resp:	1053
Ion Ratio	Lower	Upper	
152	100		
151	26.3	17.1	25.7#
153	23.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.056 ng/ul

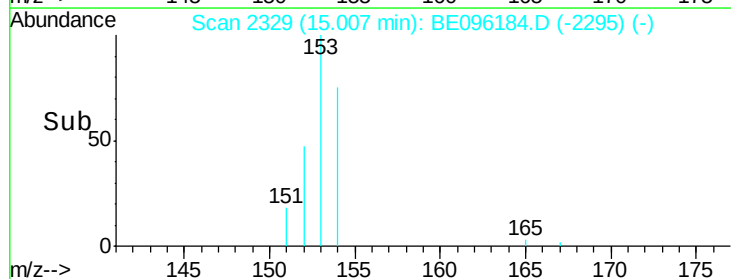
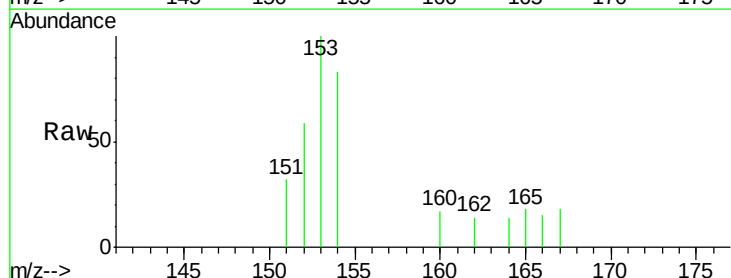
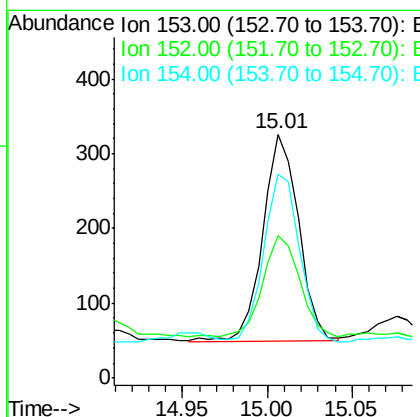
RT: 15.01 min Scan# 2329

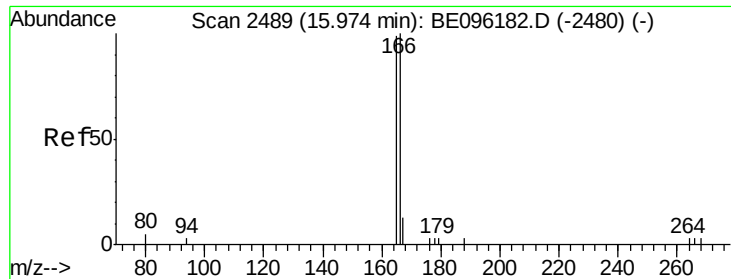
Delta R.T. -0.00 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Tgt Ion:	153	Resp:	405
Ion Ratio	Lower	Upper	
153	100		
152	58.6	36.0	54.0#
154	83.4	72.0	108.0





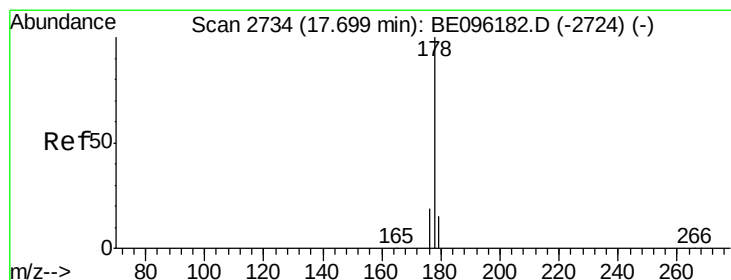
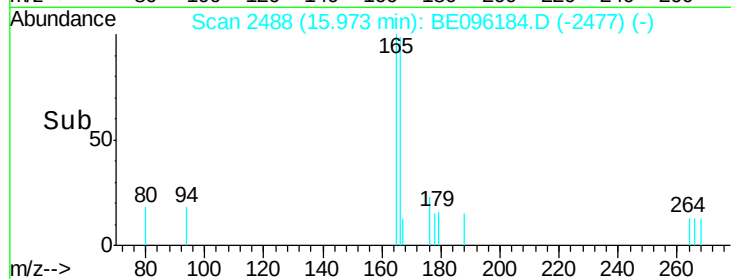
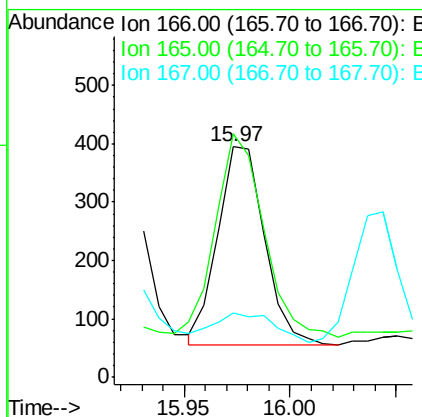
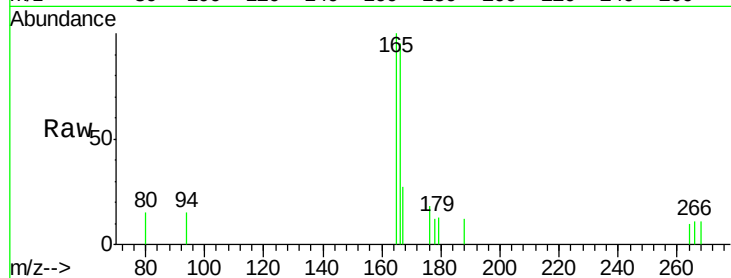
#9
Fluorene
 Concen: 0.055 ng/ul
 RT: 15.97 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BE096184.D
 Acq: 26 Apr 2018 18:09

Instrument :
 BNA_E
 ClientSampleId :
 C0AD7

Tot Ion	Ratio	Lower	Upper
166	100		
165	105.6	73.4	110.2
167	28.1	14.6	22.0

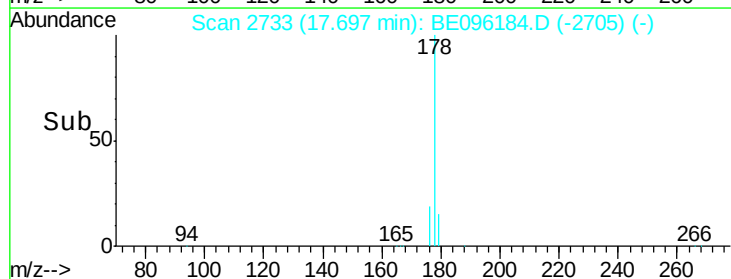
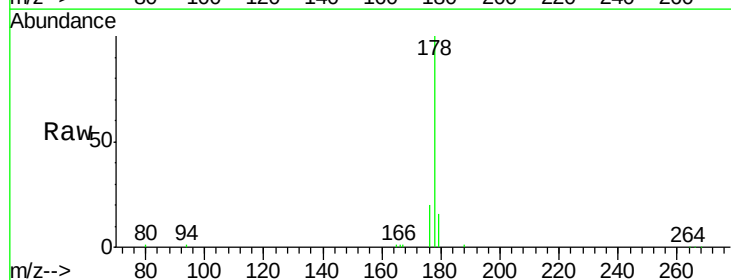
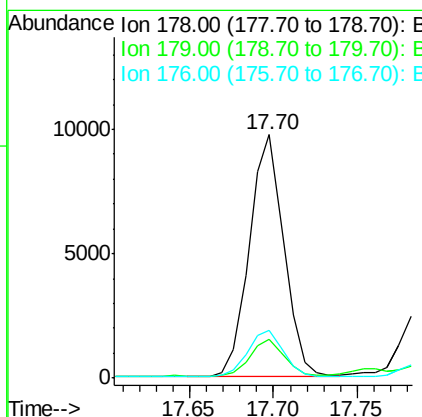
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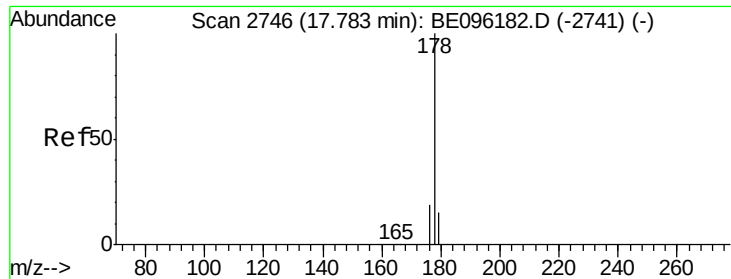
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#12
Phenanthrene
 Concen: 1.063 ng/ul m
 RT: 17.70 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BE096184.D
 Acq: 26 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6
176	19.7	13.6	20.4





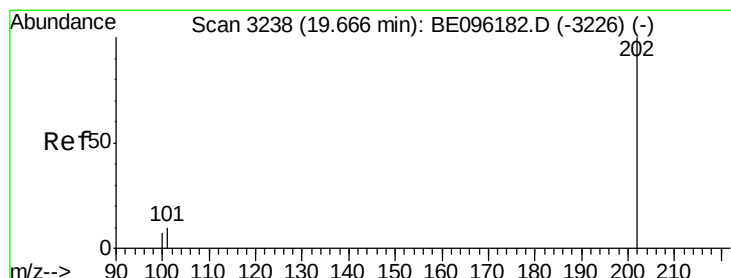
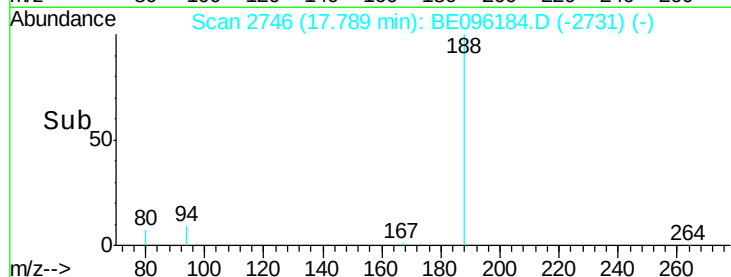
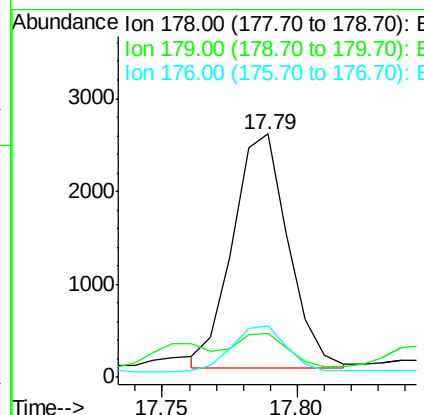
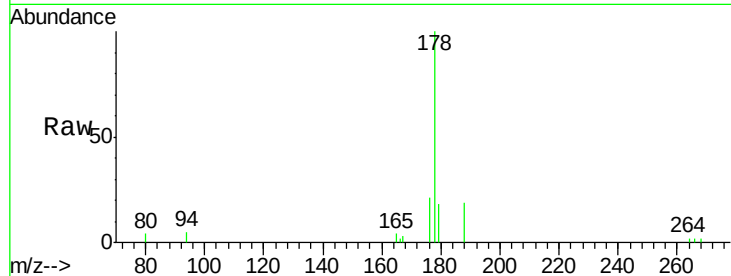
#13
 Anthracene
 Concen: 0.277 ng/ul m
 RT: 17.79 min Scan# 2746
 Delta R.T. 0.01 min
 Lab File: BE096184.D
 Acq: 26 Apr 2018 18:09

Instrument :
 BNA_E
 ClientSampleId :
 C0AD7

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.2	18.1	27.1
176	21.4	14.7	22.1

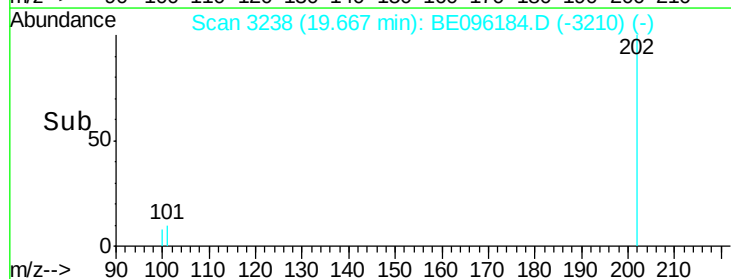
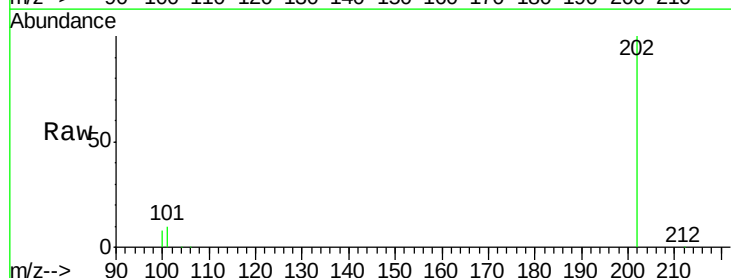
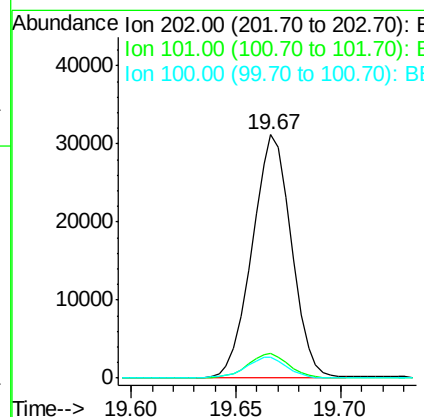
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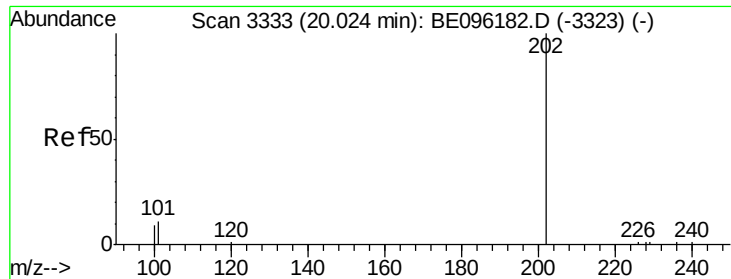
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#15
 Fluoranthene
 Concen: 2.042 ng/ul m
 RT: 19.67 min Scan# 3238
 Delta R.T. 0.00 min
 Lab File: BE096184.D
 Acq: 26 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.3
100	8.4	0.0	39.5





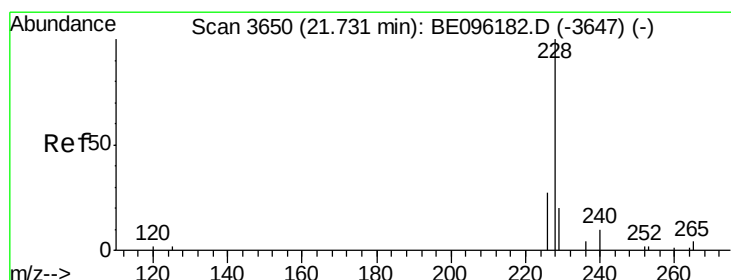
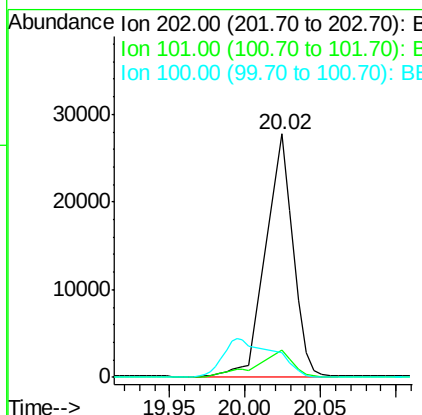
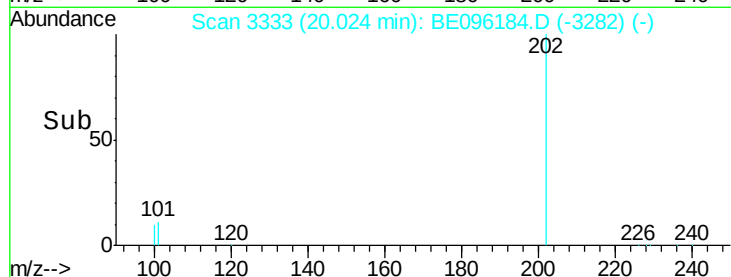
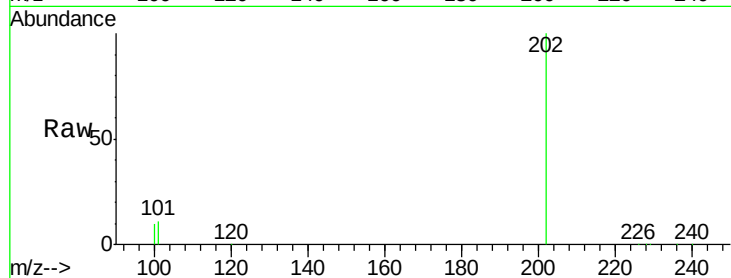
#17
 Pvrene
 Concen: 1.794 ng/ul
 RT: 20.02 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: BE096184.D
 Acq: 26 Apr 2018 18:09

Instrument :
 BNA_E
 ClientSampleId :
 C0AD7

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	18.2	27.4#
100	10.0	15.6	23.4#

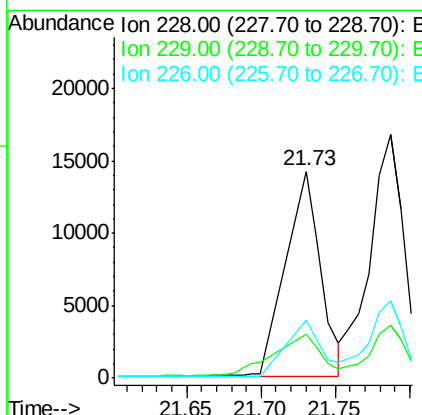
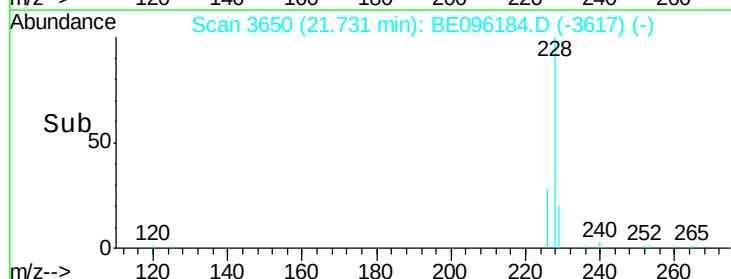
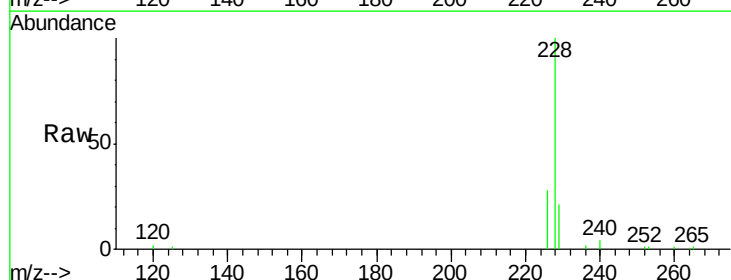
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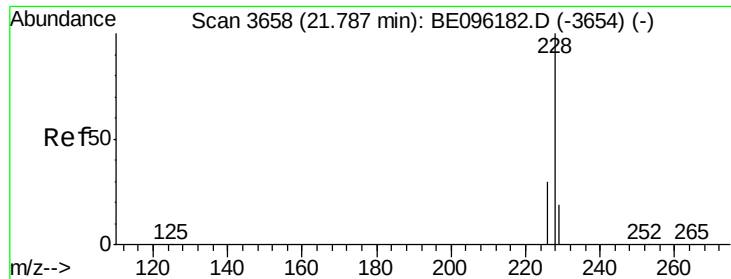
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#18
 Benzo(a)anthracene
 Concen: 0.838 ng/ul
 RT: 21.73 min Scan# 3650
 Delta R.T. -0.00 min
 Lab File: BE096184.D
 Acq: 26 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	28.4	17.0	25.6#





#19

Chrysene

Concen: 1.704 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Instrument :

BNA_E

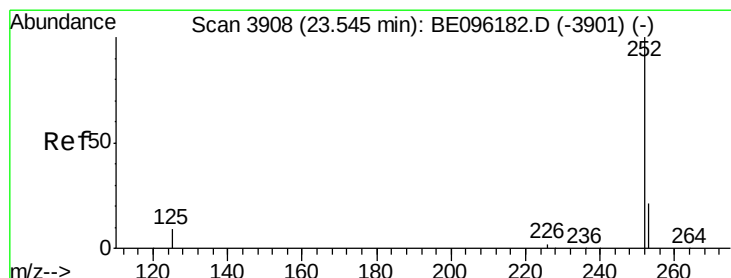
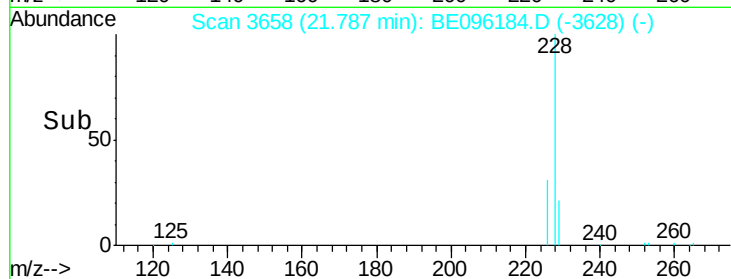
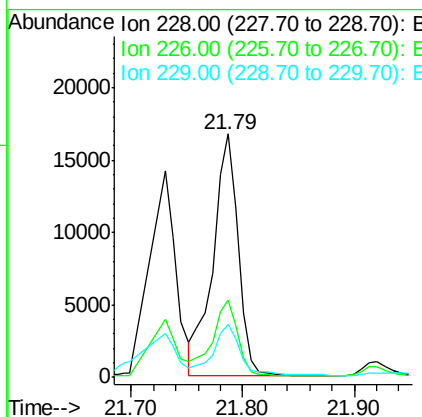
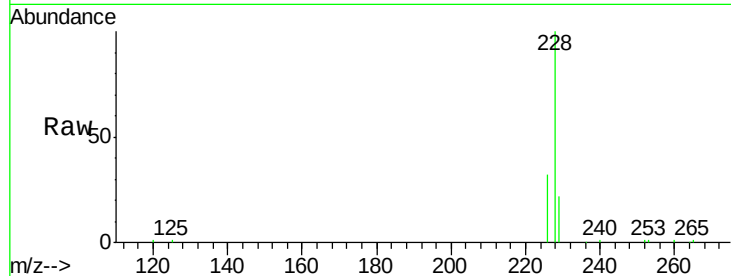
ClientSampled :

C0AD7

Tot Ion:	228	Resp:	26537
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.4	35.0
229	21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.998 ng/ul m

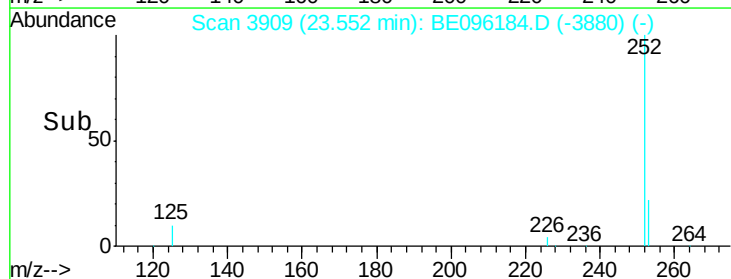
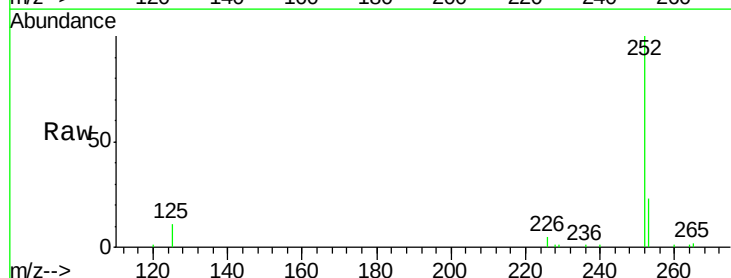
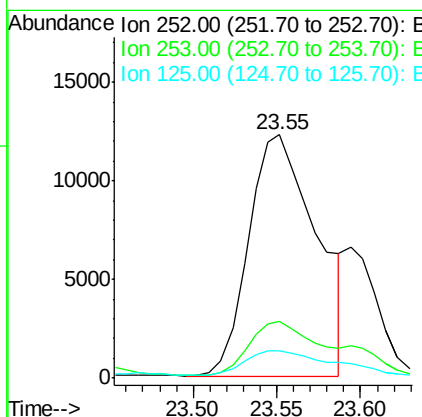
RT: 23.55 min Scan# 3909

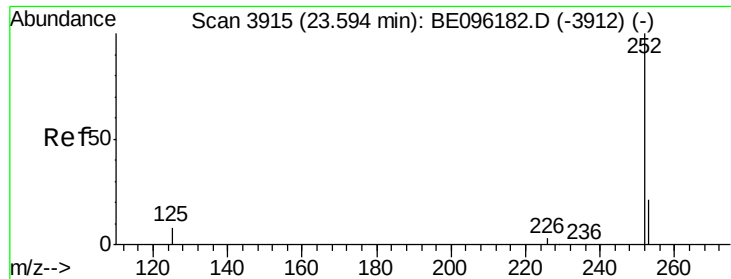
Delta R.T. 0.01 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Tgt Ion:	252	Resp:	34725
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	11.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.532 ng/ul m

RT: 23.59 min Scan# 3915

Delta R.T. -0.00 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Instrument :

BNA_E

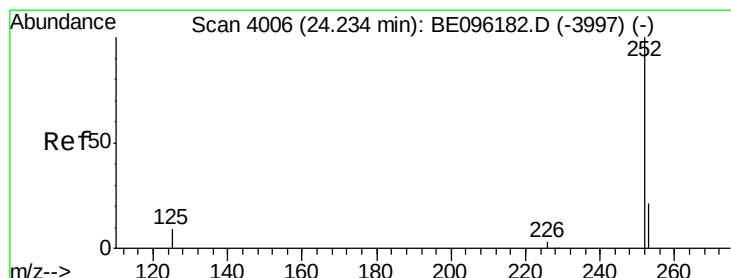
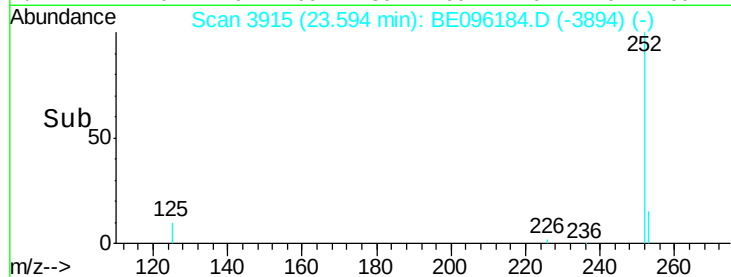
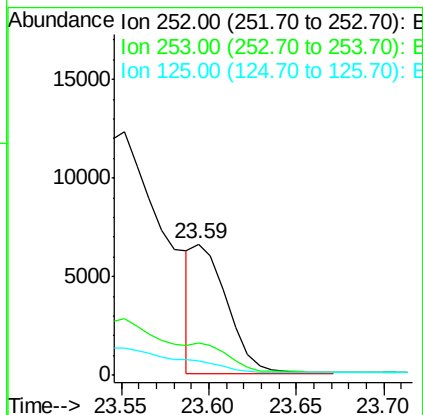
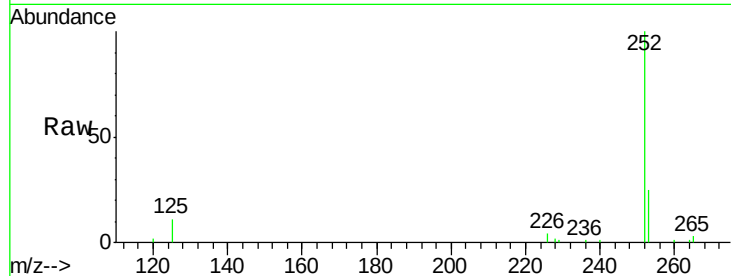
ClientSampleId :

C0AD7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.5	36.7
125	11.5	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.354 ng/ul

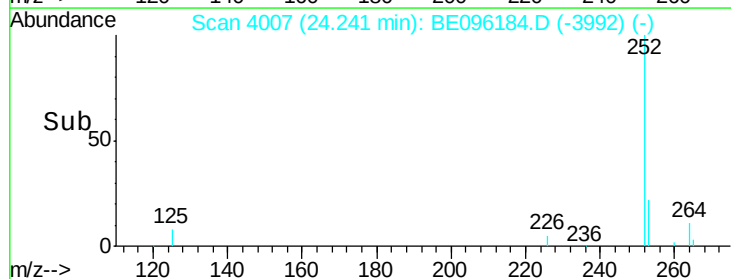
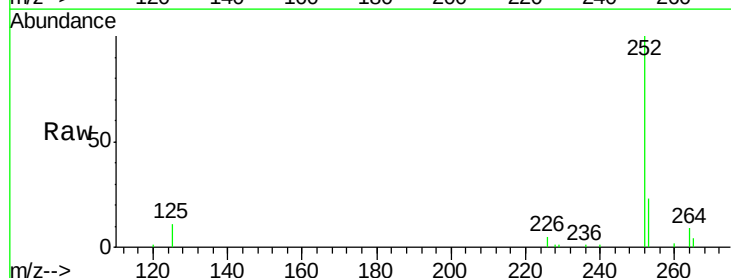
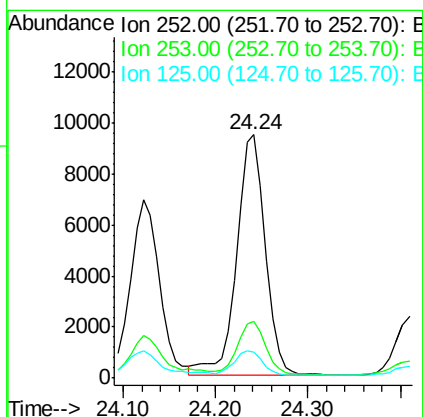
RT: 24.24 min Scan# 4007

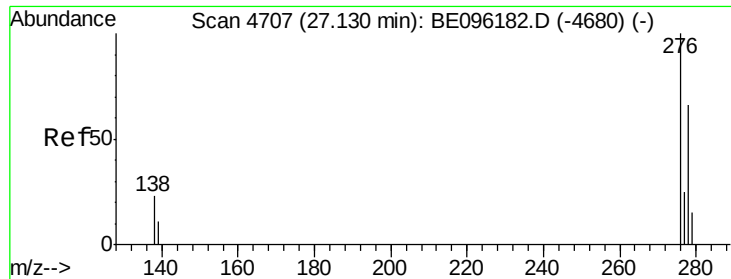
Delta R.T. 0.01 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	10.8	18.1	27.1#





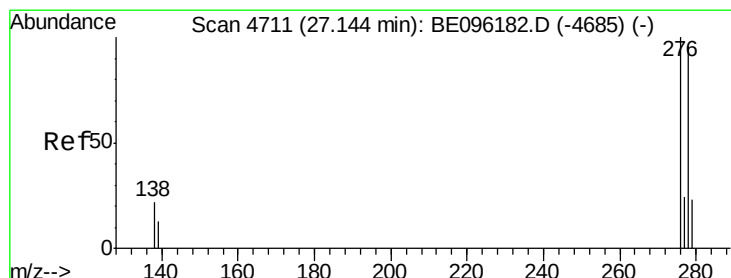
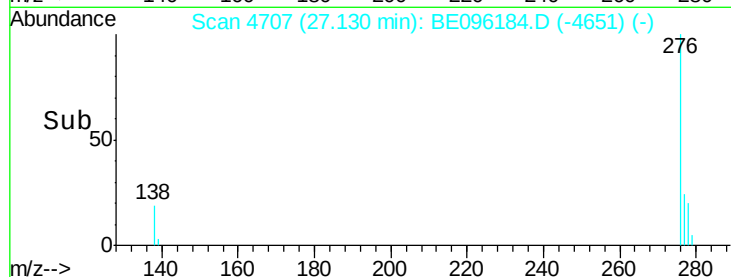
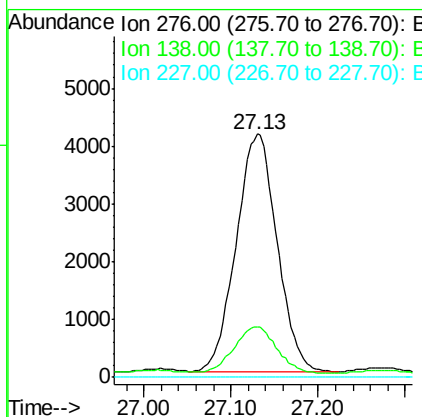
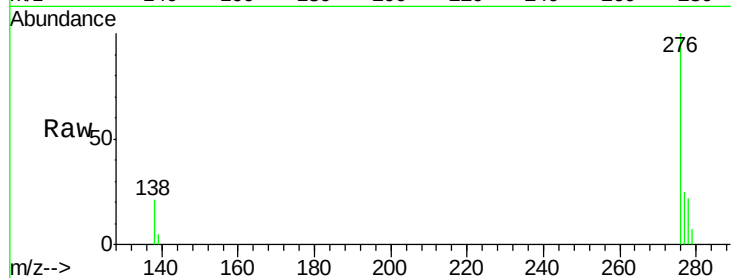
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.662 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BE096184.D
Acq: 26 Apr 2018 18:09

Instrument :
BNA_E
ClientSampled :
C0AD7

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	28.0	42.0#
227	0.0	8.0	12.0#

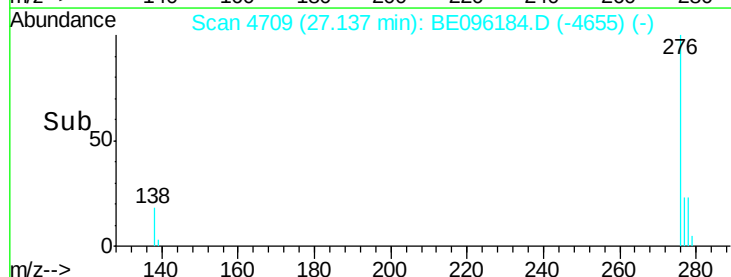
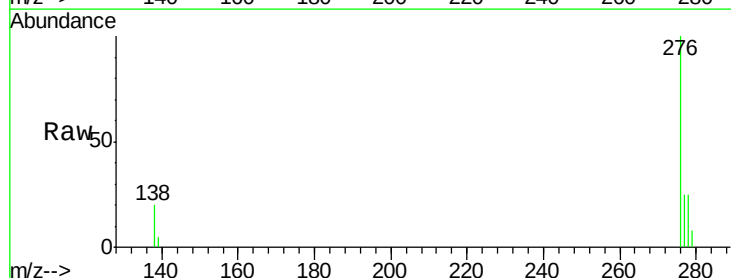
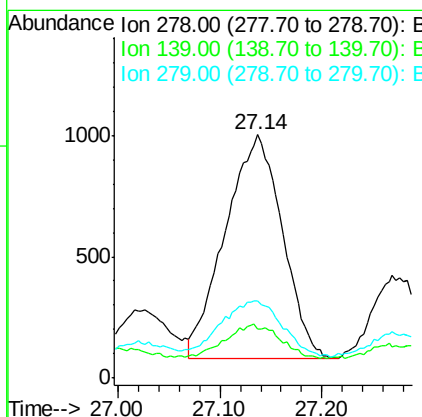
Manual Integrations
APPROVED

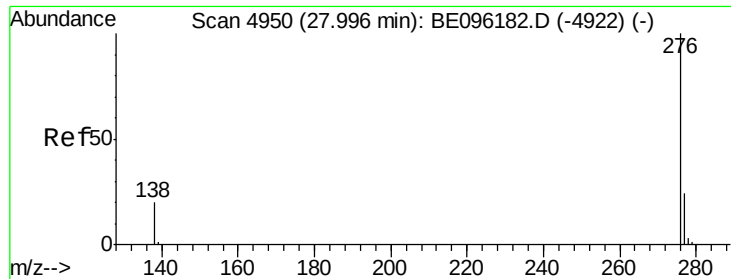
Sohil
4/27/2018 7:29:20 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.211 ng/ul
RT: 27.14 min Scan# 4709
Delta R.T. -0.01 min
Lab File: BE096184.D
Acq: 26 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	17.4	26.0
279	31.7	25.9	38.9





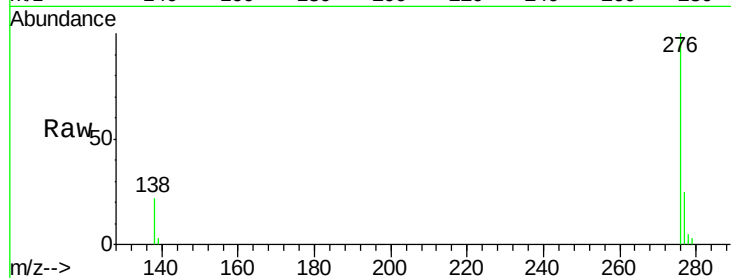
#26
 Benzo(a,h,i)perylene
 Concen: 0.635 ng/ul
 RT: 28.00 min Scan# 4950
 Delta R.T. 0.00 min
 Lab File: BE096184.D
 Acq: 26 Apr 2018 18:09

Instrument :
 BNA_E
 ClientSampleId :
 C0AD7

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.8	32.8
277	25.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:20 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

