

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096162.D
 Acq On : 25 Apr 2018 23:42
 Operator : SJ/JU
 Sample : J2434-01DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6DL

Manual Integrations
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Sohil
 4/26/2018 6:20:17 PM

Quant Time: Apr 26 06:24:36 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 05:06:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	877	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3512	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2251	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5873	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7602	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	6128	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	151	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	538	0.02	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.68	152	389	0.034	ng/ul#	76
8) Acenaphthene	15.01	153	268	0.032	ng/ul#	89
9) Fluorene	15.98	166	605	0.055	ng/ul#	95
12) Phenanthrene	17.70	178	11762	0.680	ng/ul#	88
13) Anthracene	17.79	178	3049	0.176	ng/ul#	91
15) Fluoranthene	19.67	202	23290	0.881	ng/ul	84
17) Pyrene	20.02	202	11626	0.762	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	8376	0.364	ng/ul#	85
19) Chrysene	21.79	228	8188	0.387	ng/ul	96
21) Benzo(b)fluoranthene	23.55	252	10960m	0.472	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	2966m	0.134	ng/ul	
23) Benzo(a)pyrene	24.23	252	7403	0.367	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	27.13	276	4709	0.173	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.14	278	1273	0.056	ng/ul#	78
26) Benzo(g,h,i)perylene	27.99	276	4564	0.193	ng/ul	95

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

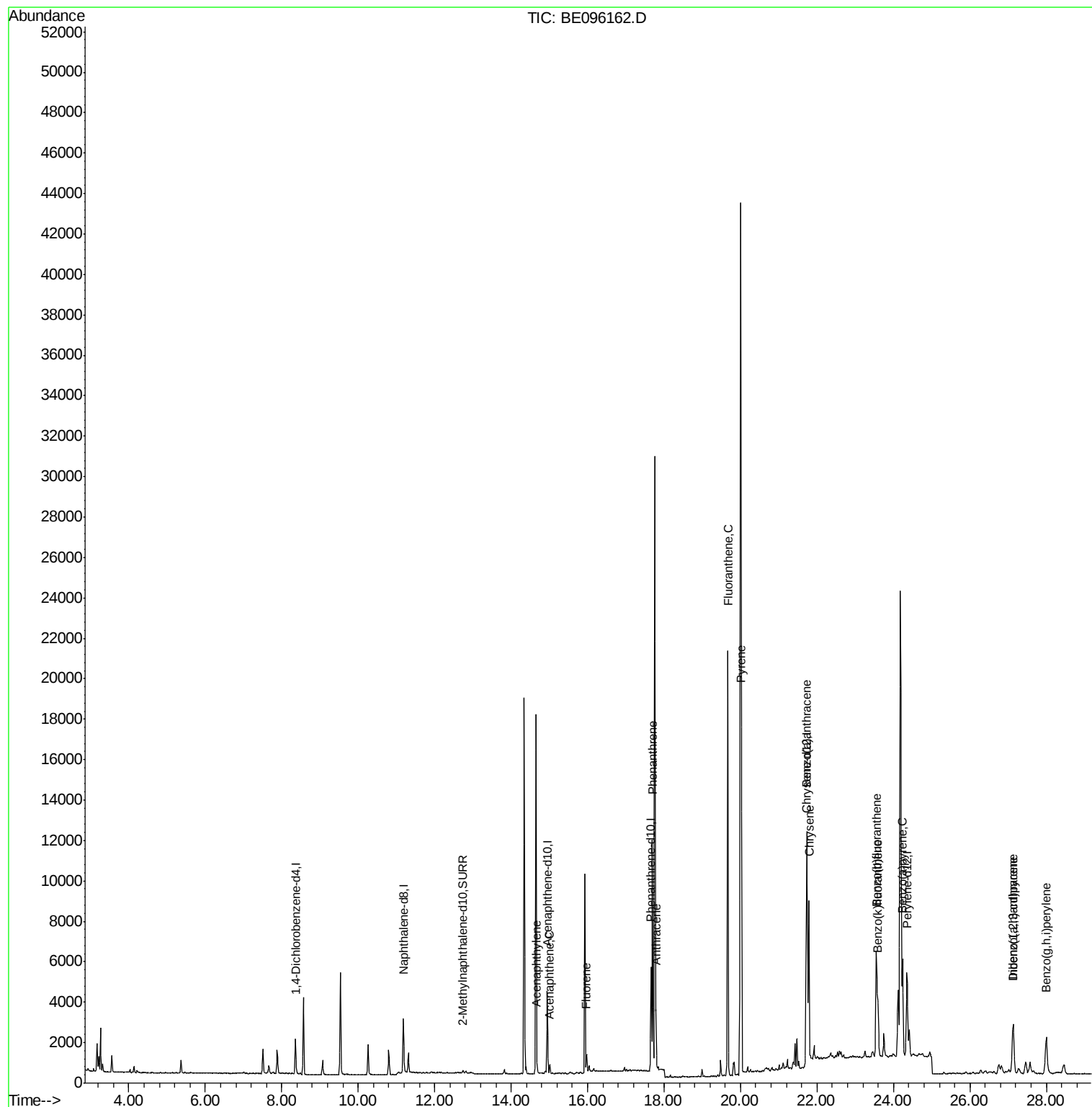
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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ALS Vial : 22 Sample Multiplier: 1

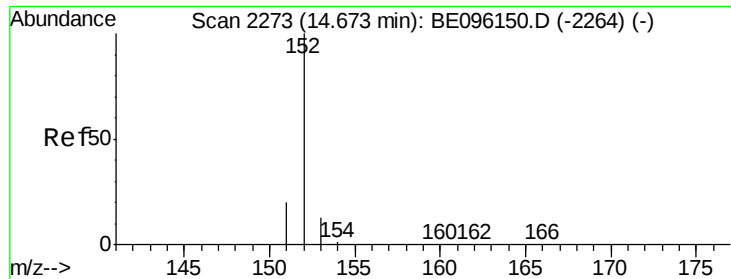
Instrument :
BNA_E
ClientSampleId :
C0AB6DL

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4/26/2018 6:20:17 PM

Quant Time: Apr 26 06:24:36 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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QLast Update : Thu Apr 26 05:06:09 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BE096162.D

Acq: 25 Apr 2018 23:42

Instrument :

BNA_E

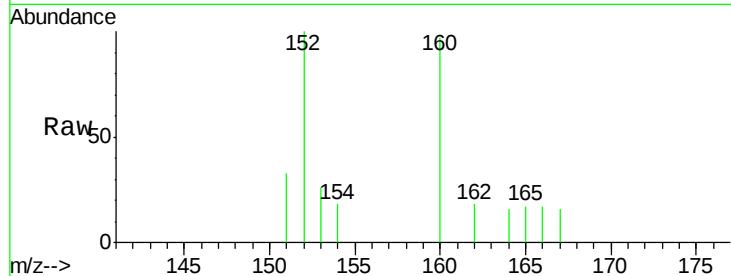
ClientSampleId :

C0AB6DL

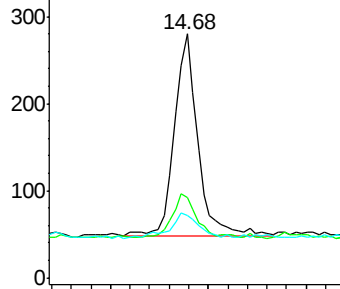
Tgt Ion:	152	Resp:	389
Ion Ratio	Lower	Upper	
152	100		
151	32.9	17.1	25.7#
153	25.7	12.8	19.2#

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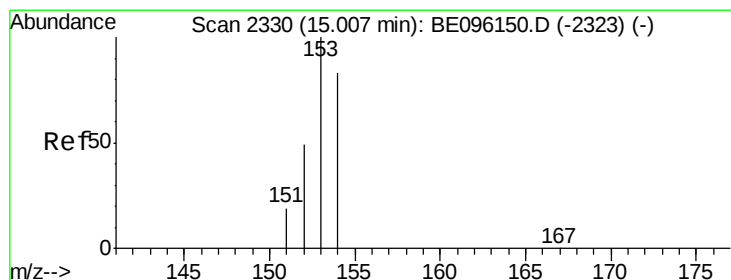
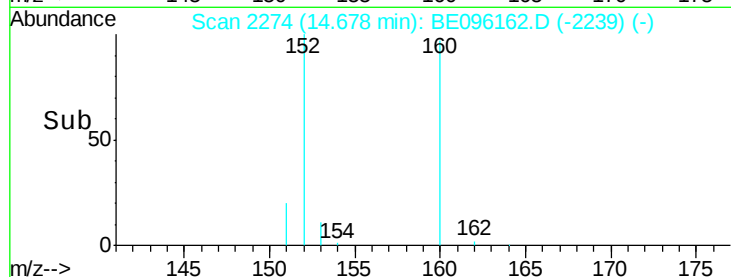
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.032 ng/ul

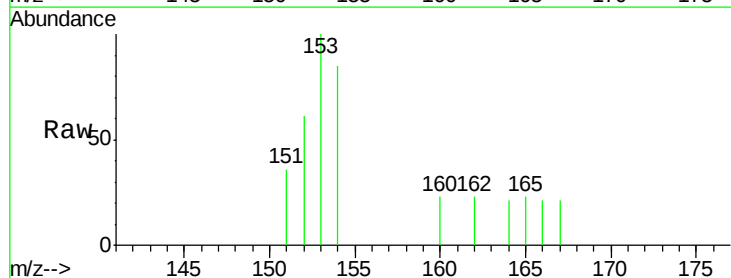
RT: 15.01 min Scan# 2330

Delta R.T. -0.00 min

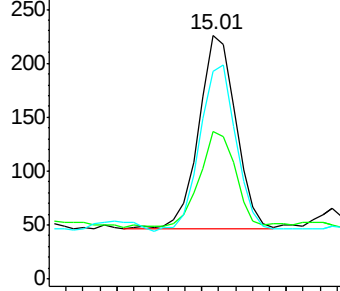
Lab File: BE096162.D

Acq: 25 Apr 2018 23:42

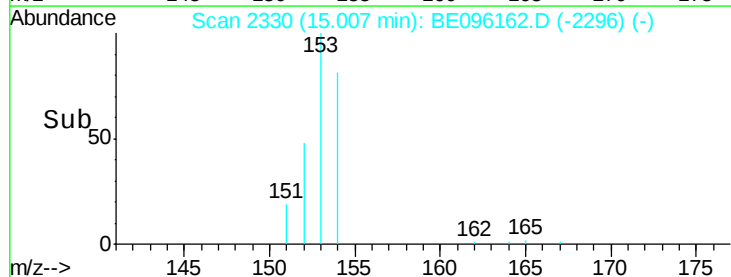
Tgt Ion:	153	Resp:	268
Ion Ratio	Lower	Upper	
153	100		
152	60.6	36.0	54.0#
154	85.4	72.0	108.0

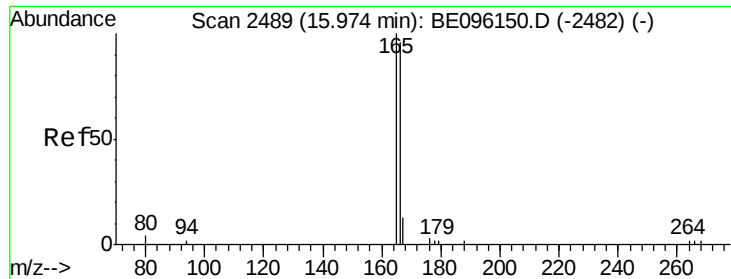


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.055 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. 0.01 min

Lab File: BE096162.D

Acq: 25 Apr 2018 23:42

Instrument :

BNA_E

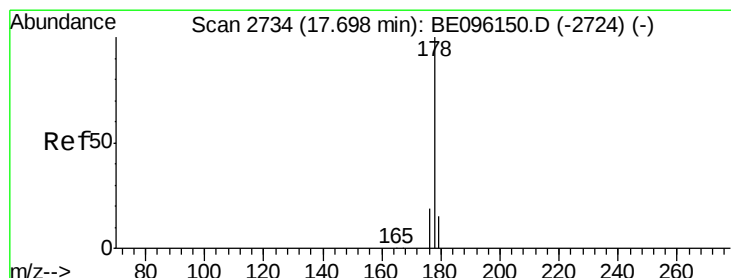
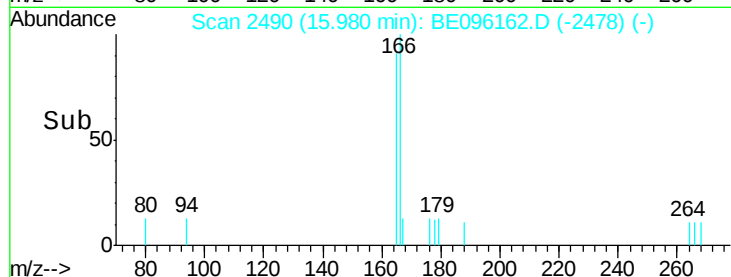
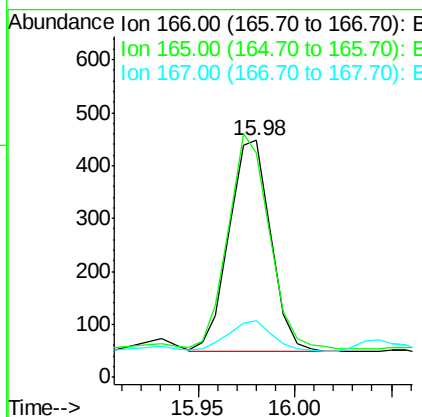
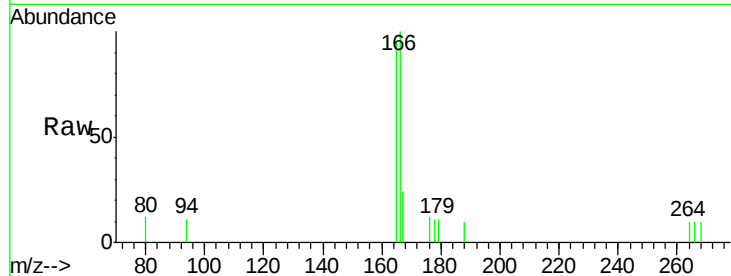
ClientSampleId :

C0AB6DL

Tgt Ion:	166	Resp:	605
Ion Ratio	Lower	Upper	
166	100		
165	94.6	73.4	110.2
167	23.7	14.6	22.0#

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#12

Phenanthrene

Concen: 0.680 ng/ul

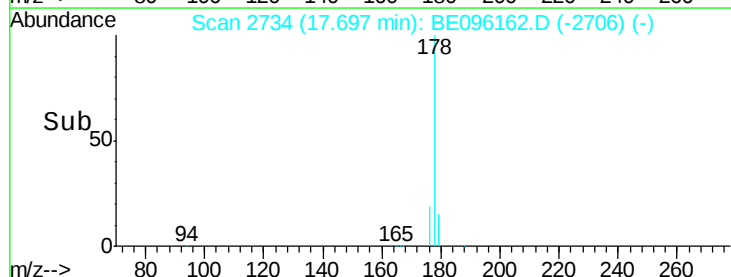
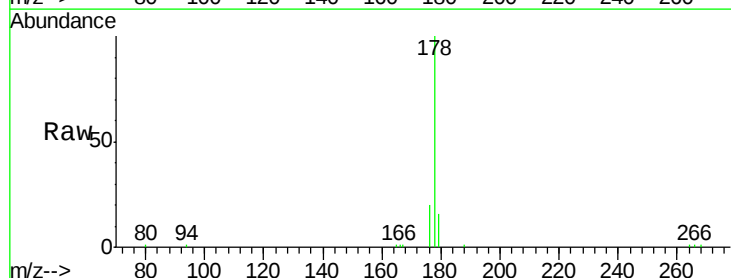
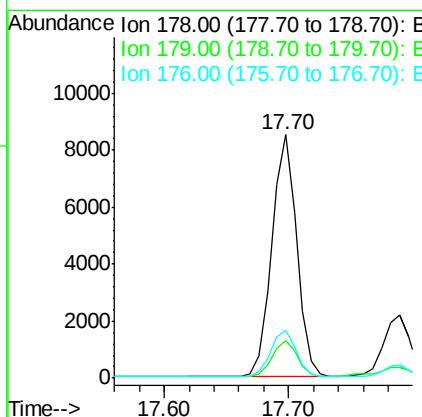
RT: 17.70 min Scan# 2734

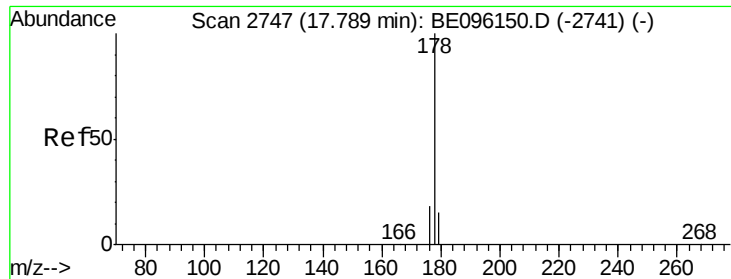
Delta R.T. -0.00 min

Lab File: BE096162.D

Acq: 25 Apr 2018 23:42

Tgt Ion:	178	Resp:	11762
Ion Ratio	Lower	Upper	
178	100		
179	15.6	18.4	27.6#
176	19.8	13.6	20.4





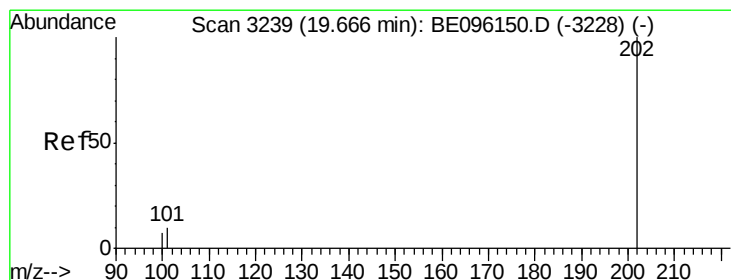
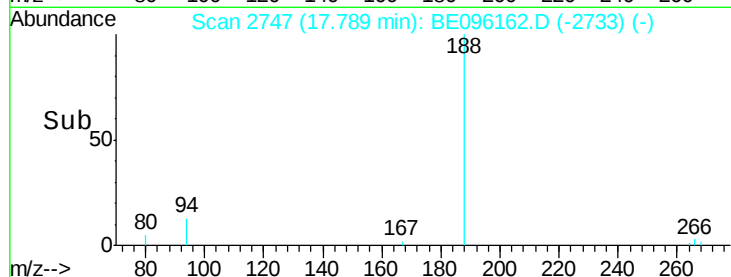
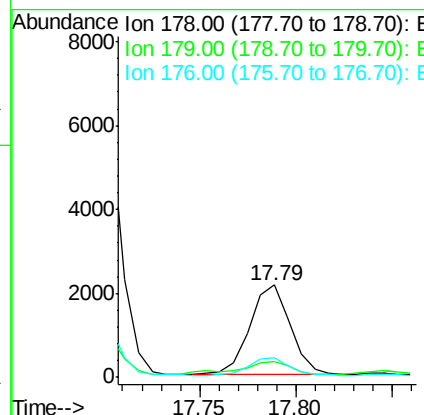
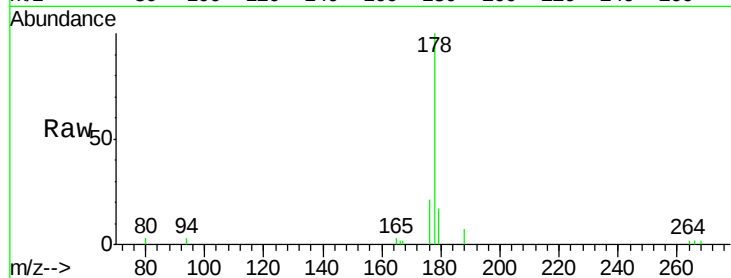
#13
 Anthracene
 Concen: 0.176 ng/ul
 RT: 17.79 min Scan# 2747
 Delta R.T. -0.00 min
 Lab File: BE096162.D
 Acq: 25 Apr 2018 23:42

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.1	27.1#
176	21.1	14.7	22.1

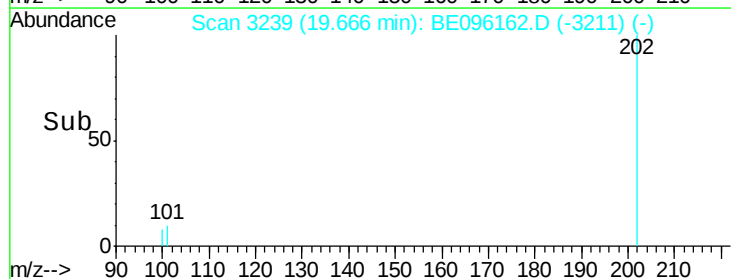
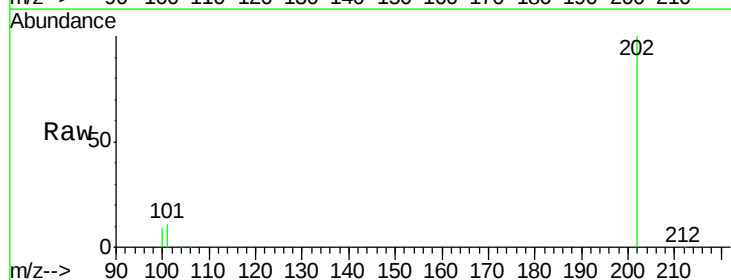
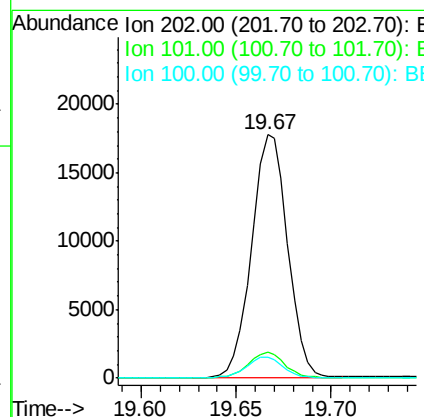
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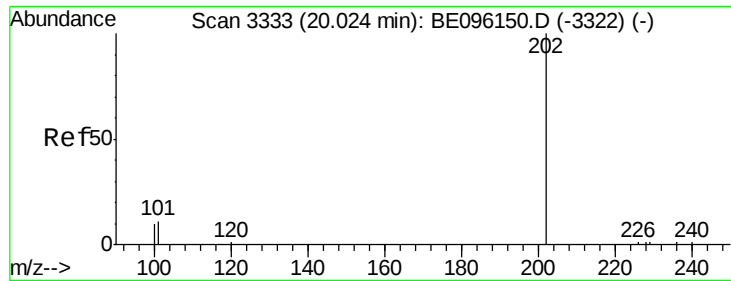
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#15
 Fluoranthene
 Concen: 0.881 ng/ul
 RT: 19.67 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BE096162.D
 Acq: 25 Apr 2018 23:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.7	0.0	39.5





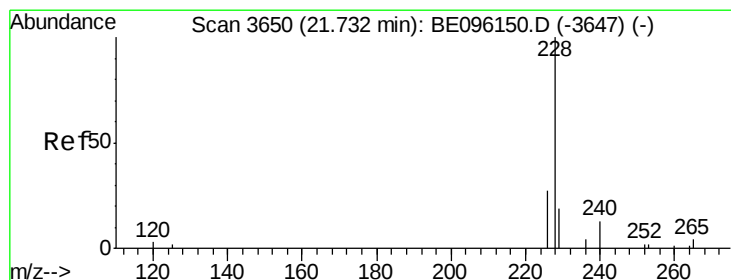
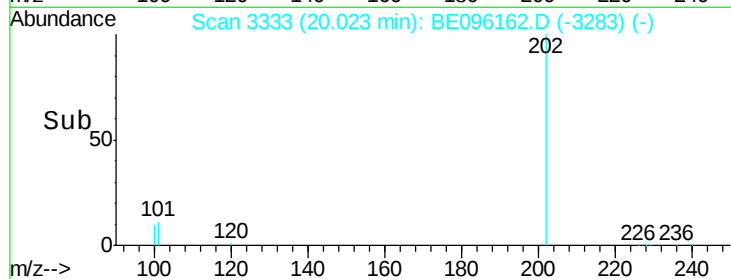
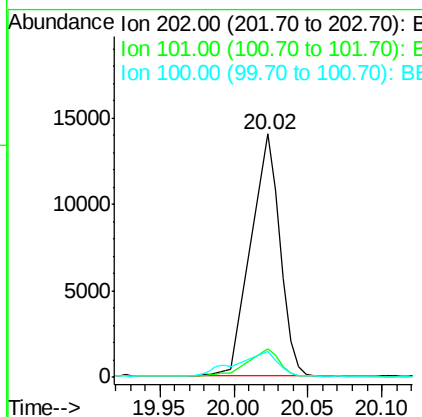
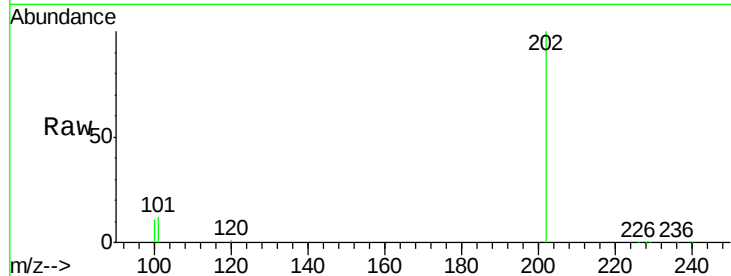
#17
 Pyrene
 Concen: 0.762 ng/ul
 RT: 20.02 min Scan# 3333
 Delta R.T. -0.00 min
 Lab File: BE096162.D
 Acq: 25 Apr 2018 23:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6DL

Tgt Ion:	202	Resp:	11626
Ion Ratio	Lower	Upper	
202	100		
101	11.8	18.2	27.4#
100	10.5	15.6	23.4#

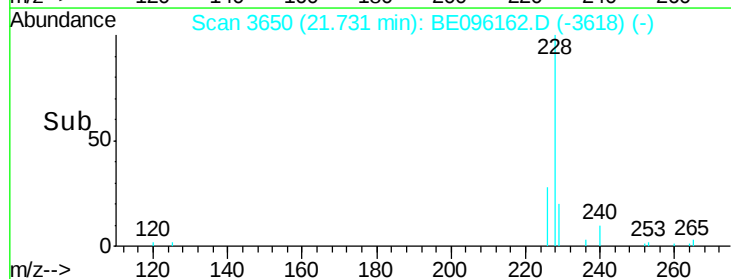
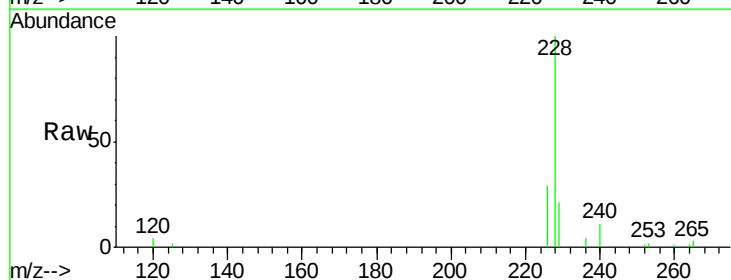
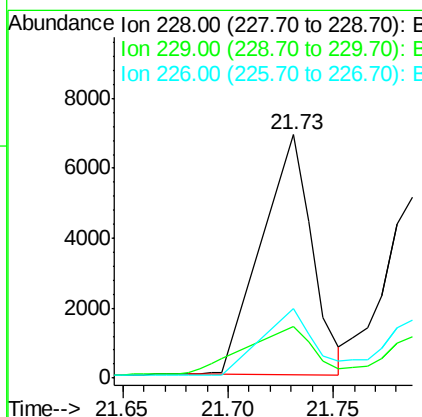
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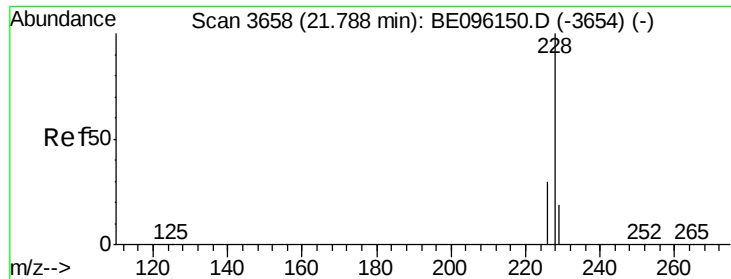
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#18
 Benzo(a)anthracene
 Concen: 0.364 ng/ul
 RT: 21.73 min Scan# 3650
 Delta R.T. -0.00 min
 Lab File: BE096162.D
 Acq: 25 Apr 2018 23:42

Tgt Ion:	228	Resp:	8376
Ion Ratio	Lower	Upper	
228	100		
229	21.3	22.8	34.2#
226	28.7	17.0	25.6#





#19

Chrysene

Concen: 0.387 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096162.D

Acq: 25 Apr 2018 23:42

Instrument :

BNA_E

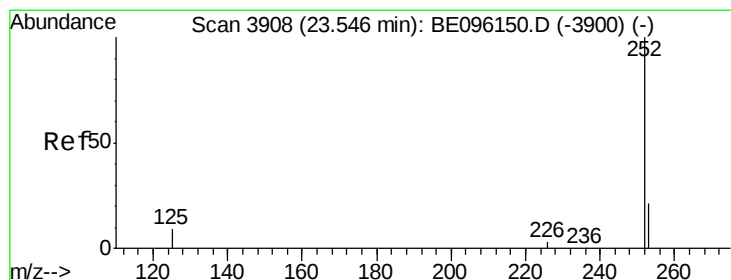
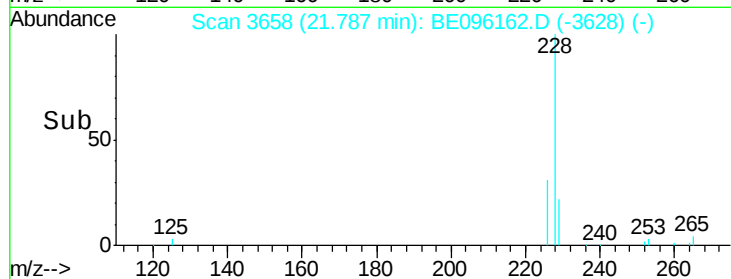
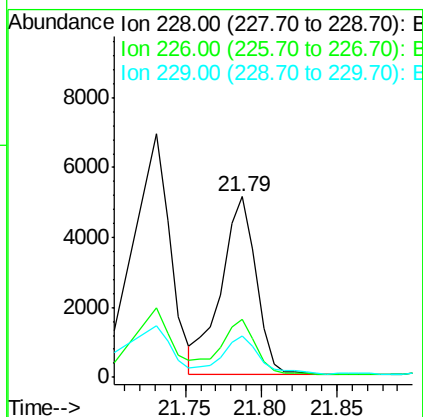
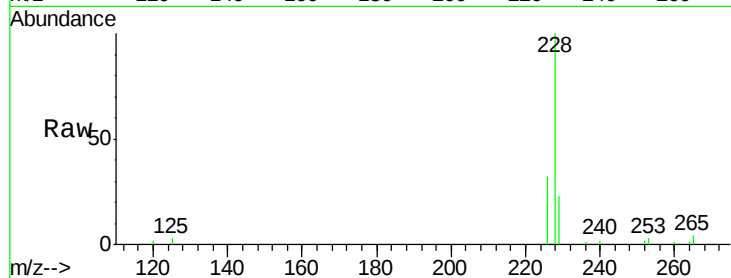
ClientSampleId :

C0AB6DL

Tgt Ion:	228	Resp:	8188
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.4	35.0
229	23.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.472 ng/ul m

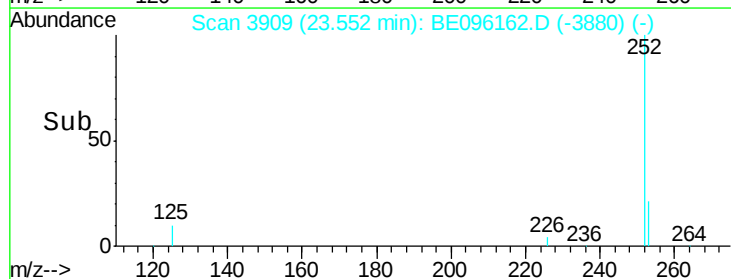
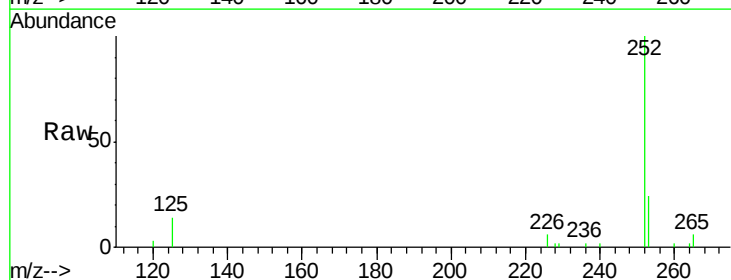
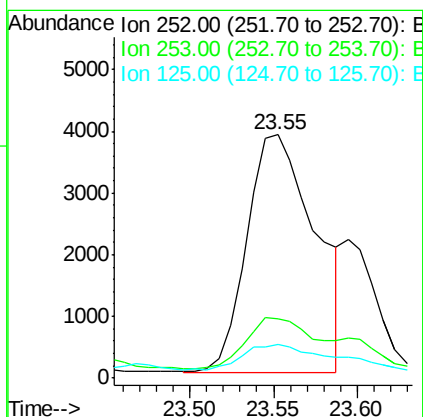
RT: 23.55 min Scan# 3909

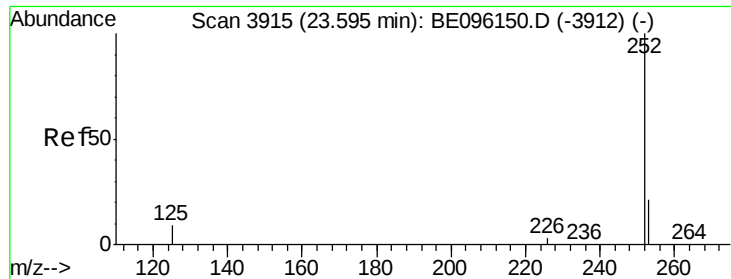
Delta R.T. 0.01 min

Lab File: BE096162.D

Acq: 25 Apr 2018 23:42

Tgt Ion:	252	Resp:	10960
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	64.2
125	13.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.134 ng/ul m

RT: 23.59 min Scan# 3915

Delta R.T. -0.00 min

Lab File: BE096162.D

Acq: 25 Apr 2018 23:42

Instrument :

BNA_E

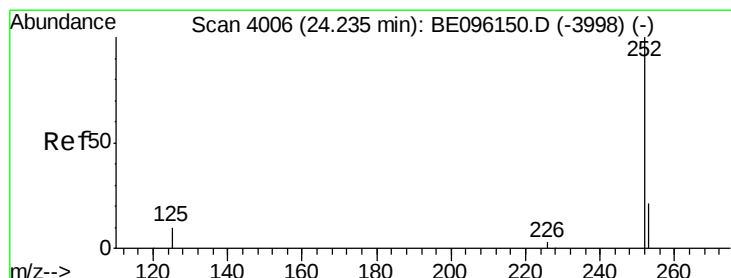
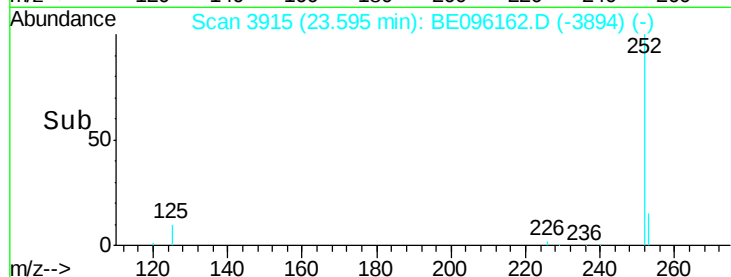
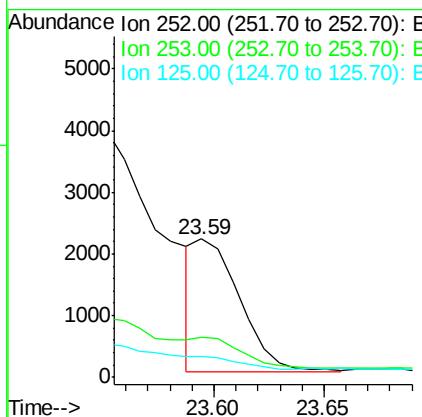
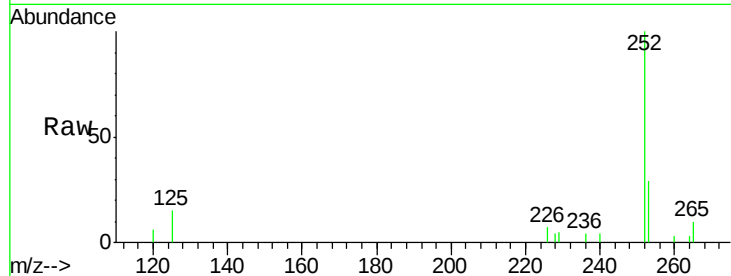
ClientSampled :

C0AB6DL

Tgt Ion:	252	Resp:	2966
Ion Ratio	Lower	Upper	
252	100		
253	28.6	24.5	36.7
125	15.2	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.367 ng/ul

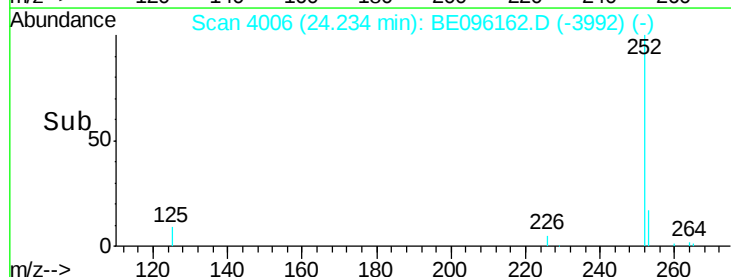
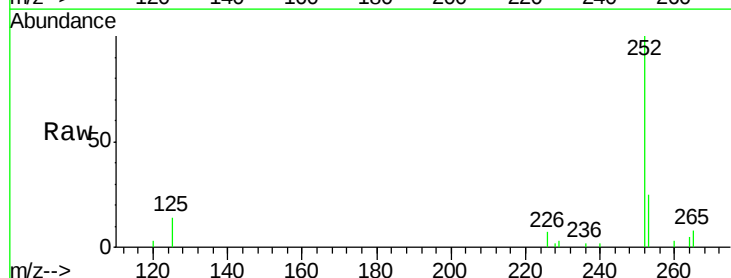
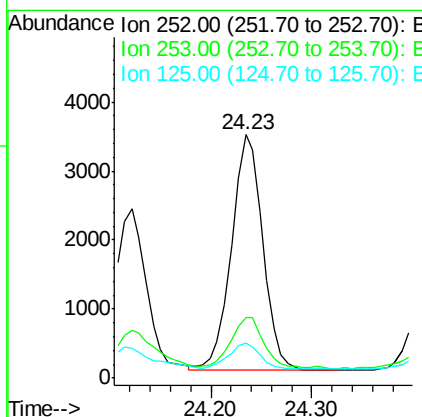
RT: 24.23 min Scan# 4006

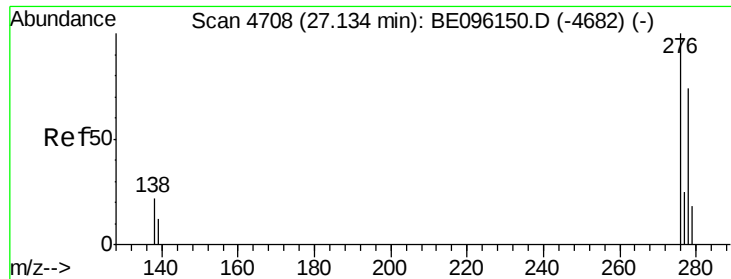
Delta R.T. -0.00 min

Lab File: BE096162.D

Acq: 25 Apr 2018 23:42

Tgt Ion:	252	Resp:	7403
Ion Ratio	Lower	Upper	
252	100		
253	25.1	28.5	42.7#
125	14.3	18.1	27.1#





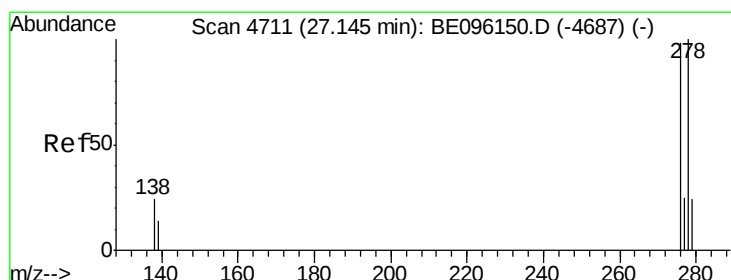
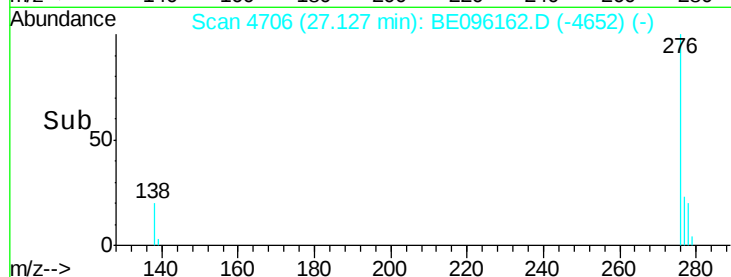
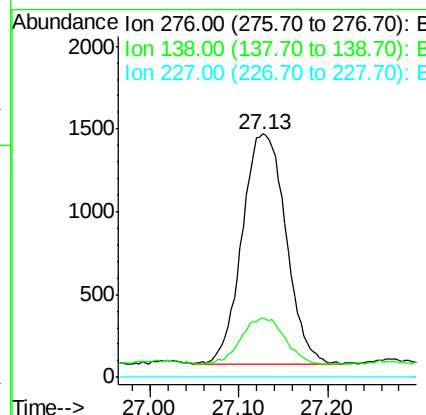
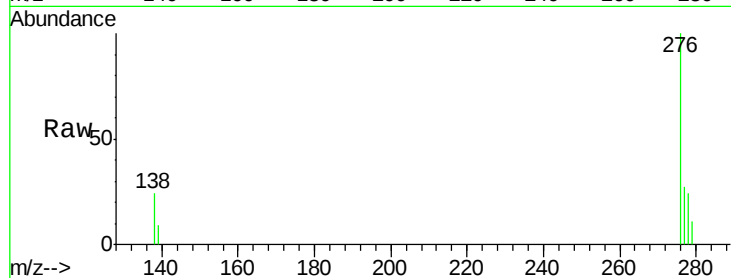
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.173 ng/u1
 RT: 27.13 min Scan# 4706
 Delta R.T. -0.01 min
 Lab File: BE096162.D
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Instrument :
 BNA_E
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 C0AB6DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

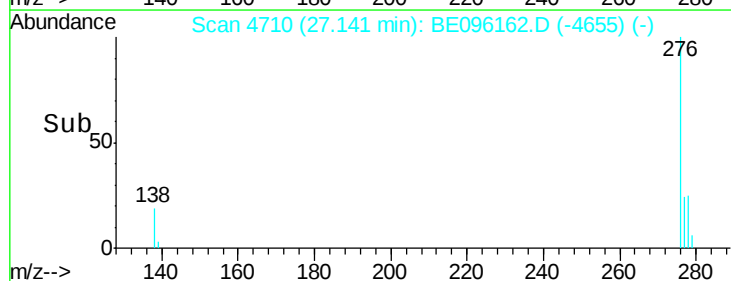
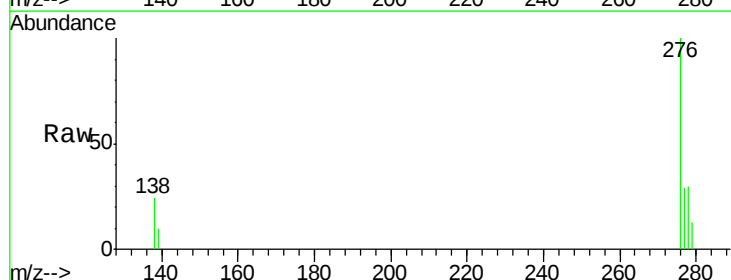
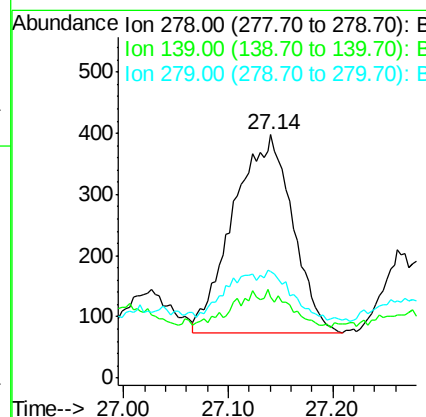
Manual Integrations
 APPROVED

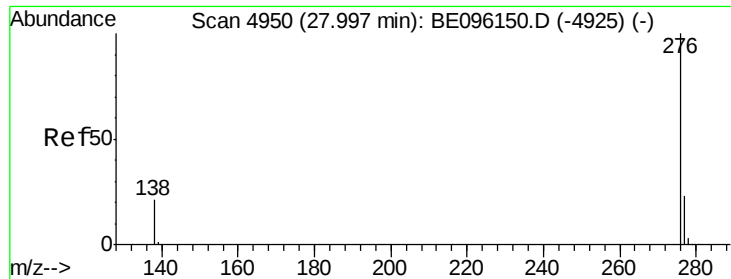
Sohil
 4/26/2018 6:20:17 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.056 ng/u1
 RT: 27.14 min Scan# 4710
 Delta R.T. -0.00 min
 Lab File: BE096162.D
 Acq: 25 Apr 2018 23:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.2	17.4	26.0#
279	43.7	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.193 ng/ul
 RT: 27.99 min Scan# 4949
 Delta R.T. -0.00 min
 Lab File: BE096162.D
 Acq: 25 Apr 2018 23:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6DL

Tgt	Ion	276	Resp:	4564
Ion	Ratio	Lower	Upper	
276	100			
138	23.4	21.8	32.8	
277	27.0	20.5	30.7	

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