

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095892.D
 Acq On : 29 Mar 2018 00:17
 Operator : SJ/JU
 Sample : J2060-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AS7

Manual Integrations
 APPROVED

Sohil
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Quant Time: Mar 29 06:31:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 04:43:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1722	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4805	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3304	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7706m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7707m	0.40	ng/ul	0.00
20) Perylene-d12	24.41	264	7704m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2355	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	7762m	0.32	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.28	128	11184	0.834	ng/ul#	88
5) 2-Methylnaphthalene	12.87	142	4805	0.515	ng/ul	99
7) Acenaphthylene	14.72	152	554	0.033	ng/ul#	25
8) Acenaphthene	15.06	153	31382	2.498	ng/ul	96
9) Fluorene	16.02	166	39741	2.915	ng/ul#	90
12) Phenanthrene	17.75	178	332308m	14.399	ng/ul	
13) Anthracene	17.83	178	100300m	4.648	ng/ul	
15) Fluoranthene	19.71	202	523843m	18.739	ng/ul	
17) Pyrene	20.06	202	491802	16.805	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	263300m	10.588	ng/ul	
19) Chrysene	21.83	228	243062	9.600	ng/ul	98
21) Benzo(b)fluoranthene	23.60	252	270642m	10.142	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	92652m	3.652	ng/ul	
23) Benzo(a)pyrene	24.30	252	189143m	7.763	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.22	276	104003m	3.850	ng/ul	
25) Dibenzo(a,h)anthracene	27.23	278	33559m	1.554	ng/ul	
26) Benzo(a,h,i)perylene	28.09	276	91444m	3.940	ng/ul	

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

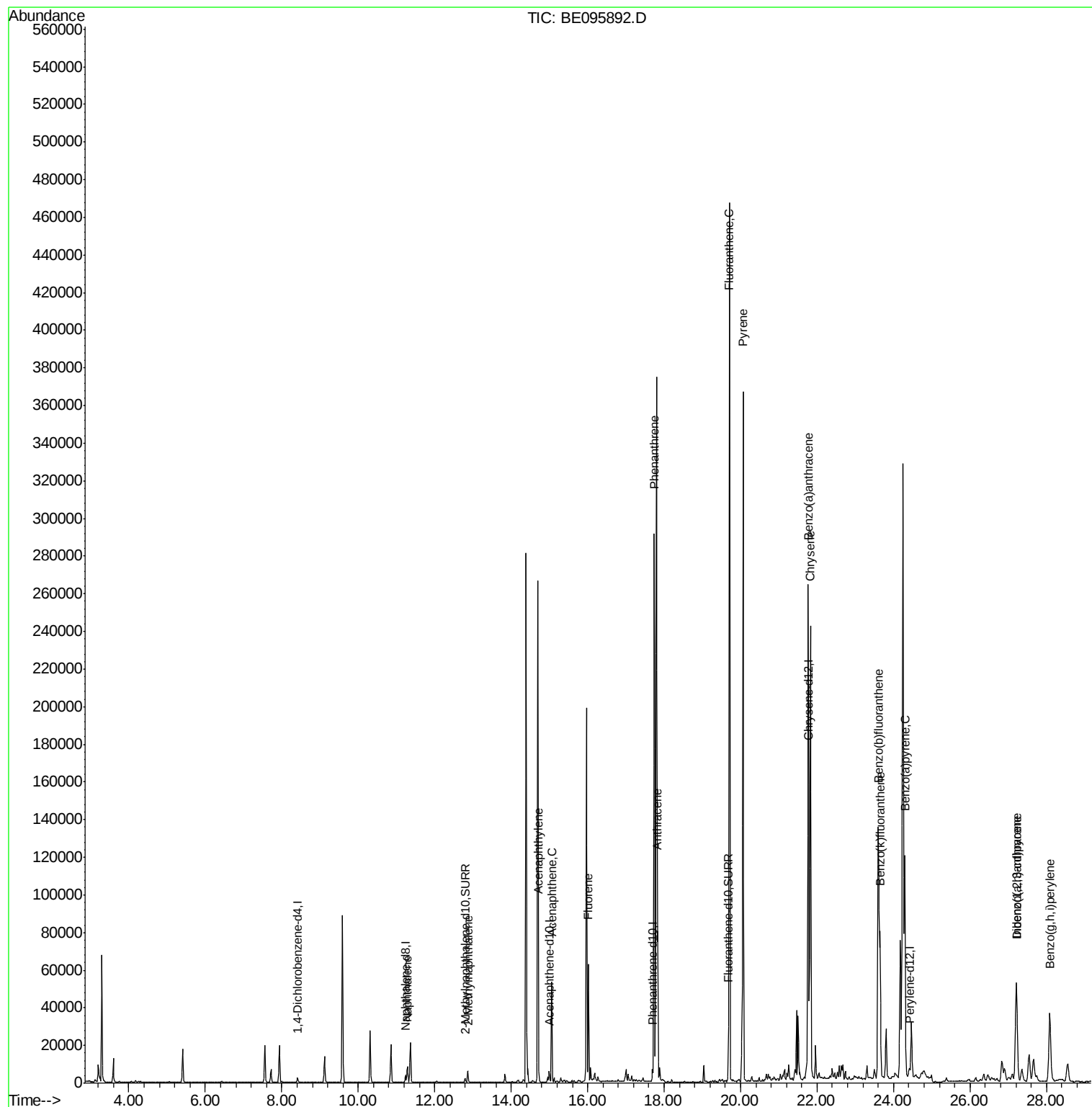
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
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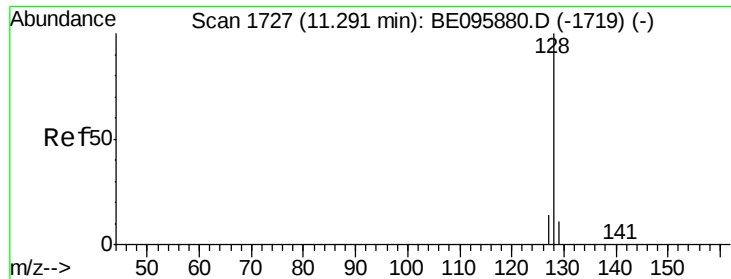
Instrument :
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Quant Time: Mar 29 06:31:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
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QLast Update : Thu Mar 29 04:43:20 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.834 ng/ul

RT: 11.28 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

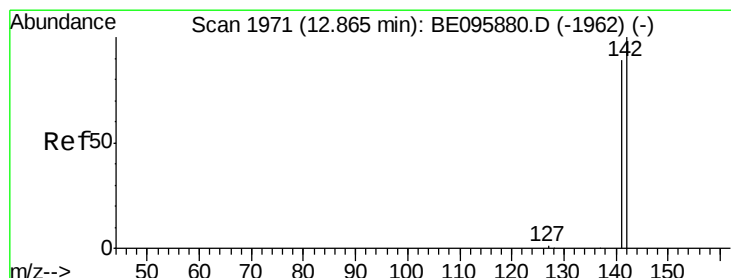
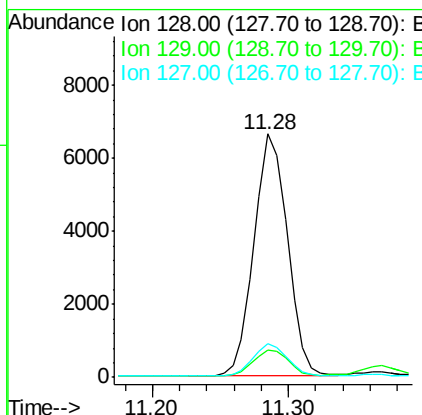
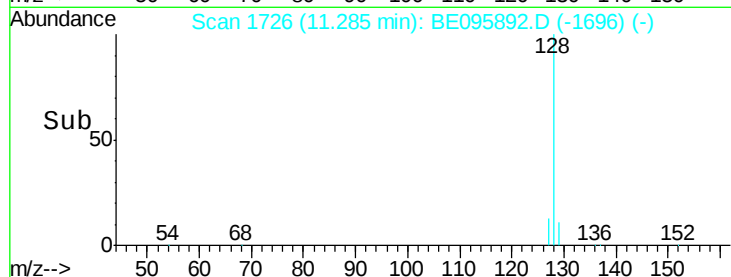
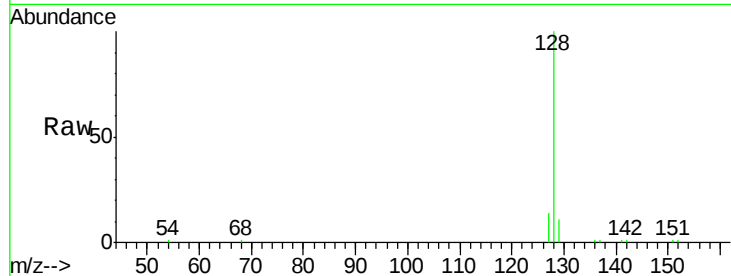
ClientSampleId :

C0AS7

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	14.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.515 ng/ul

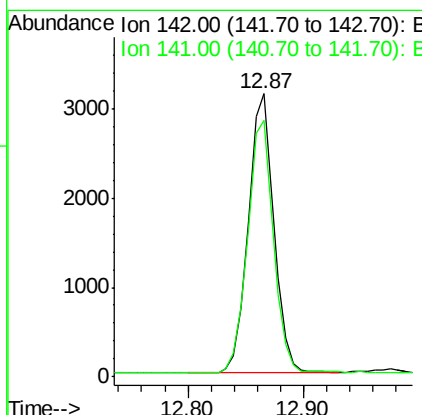
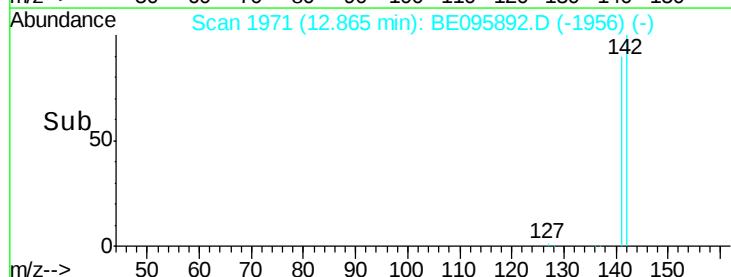
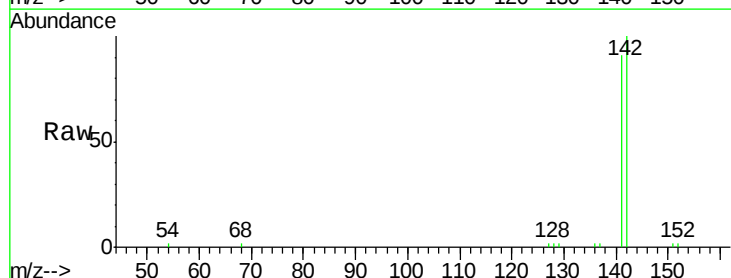
RT: 12.87 min Scan# 1971

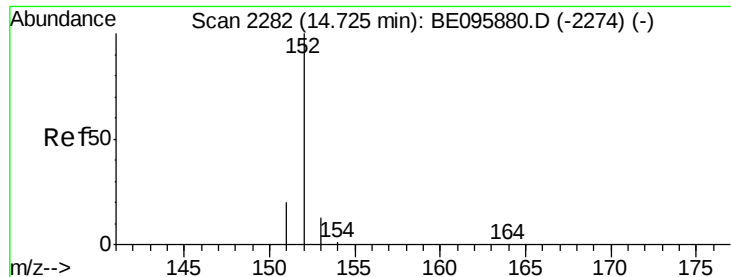
Delta R.T. -0.00 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.72 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

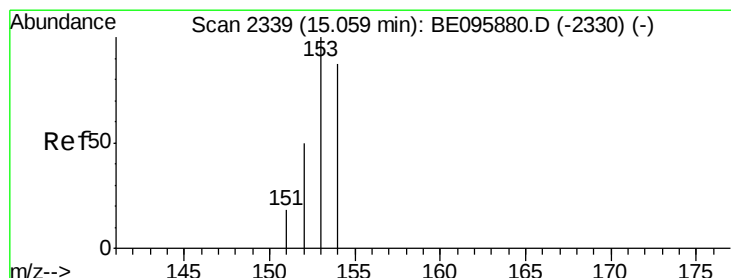
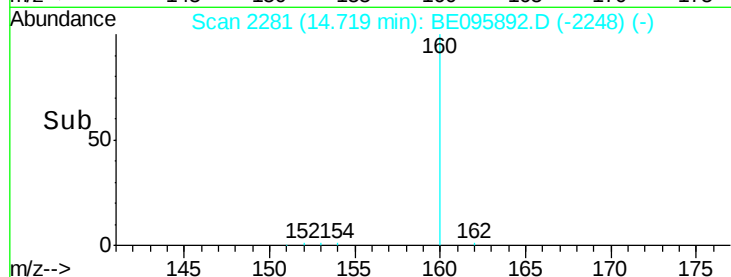
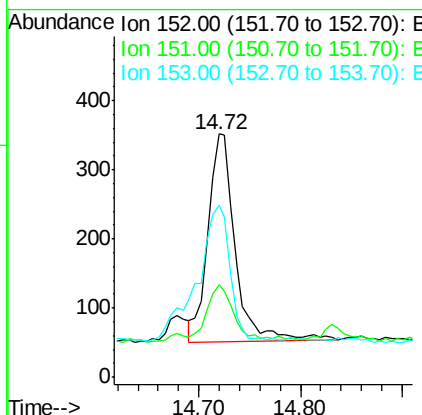
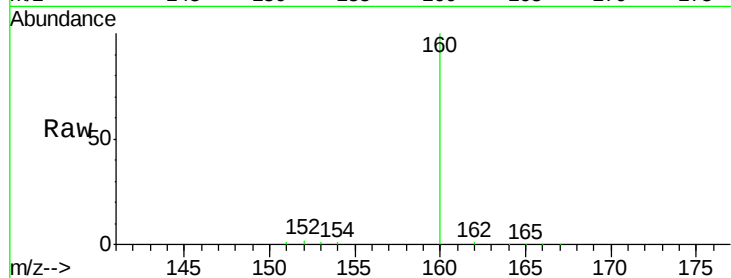
ClientSampleId :

C0AS7

Tot Ion:	152	Resp:	554
Ion Ratio	Lower	Upper	
152	100		
151	38.1	17.1	25.7#
153	70.5	12.8	19.2#

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#8

Acenaphthene

Concen: 2.498 ng/ul

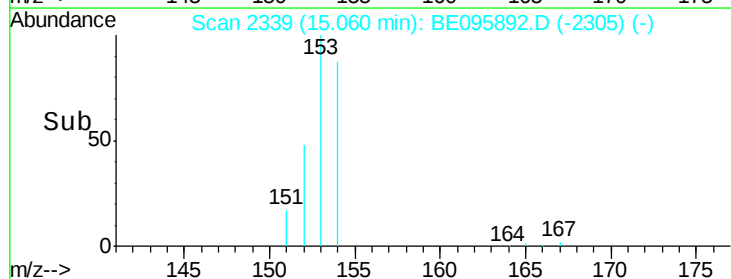
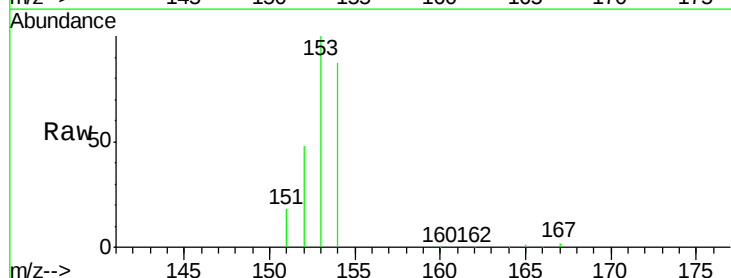
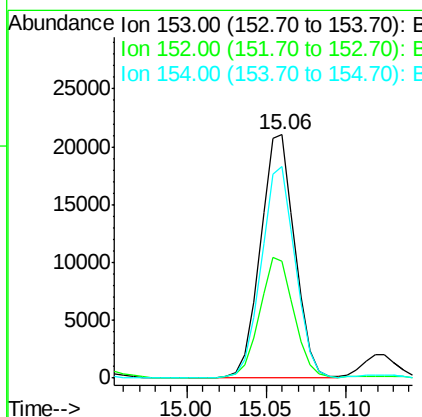
RT: 15.06 min Scan# 2339

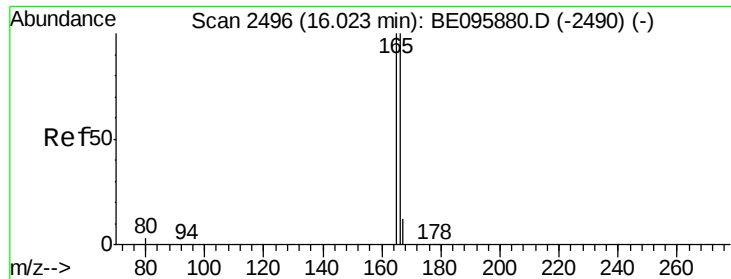
Delta R.T. 0.00 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Tgt Ion:	153	Resp:	31382
Ion Ratio	Lower	Upper	
153	100		
152	47.9	36.0	54.0
154	86.9	72.0	108.0





#9

Fluorene

Concen: 2.915 ng/ul

RT: 16.02 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

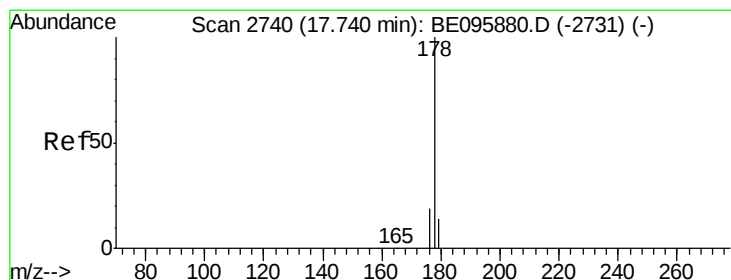
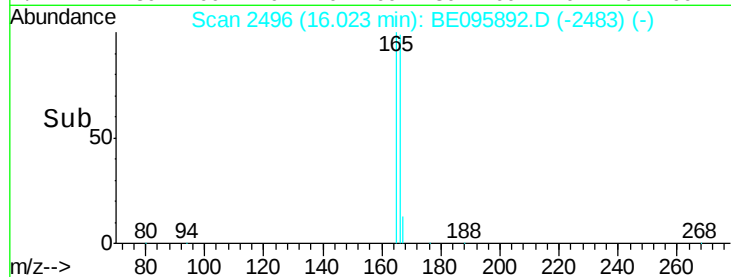
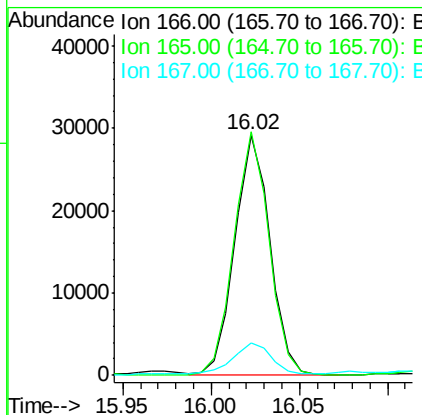
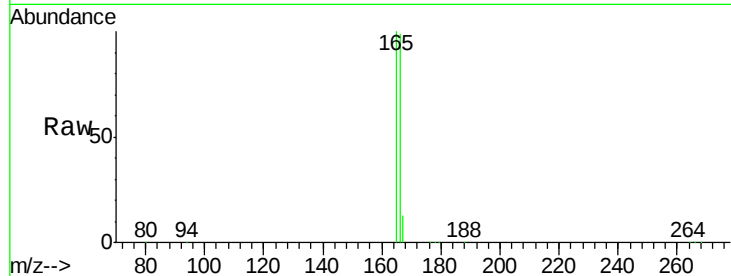
ClientSampleId :

C0AS7

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	73.4	110.2
167	13.6	14.6	22.0

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#12

Phenanthrene

Concen: 14.399 ng/ul m

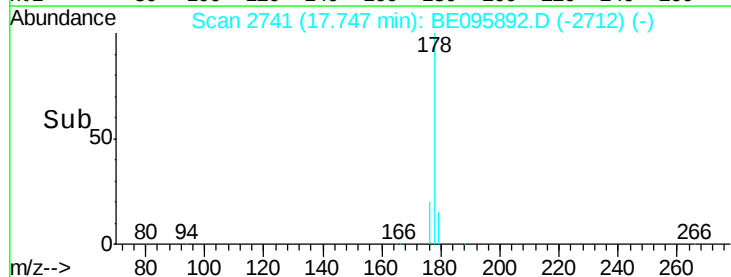
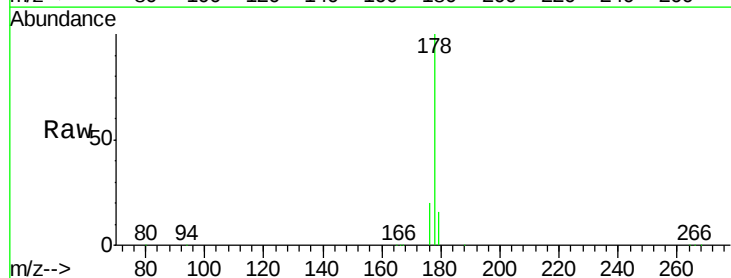
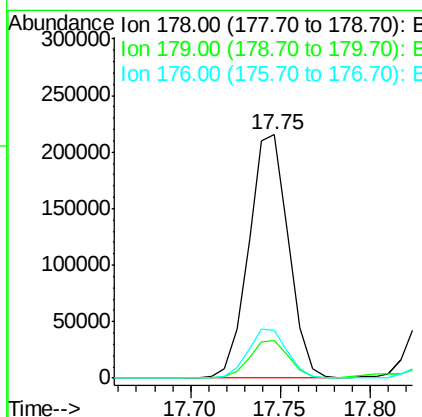
RT: 17.75 min Scan# 2741

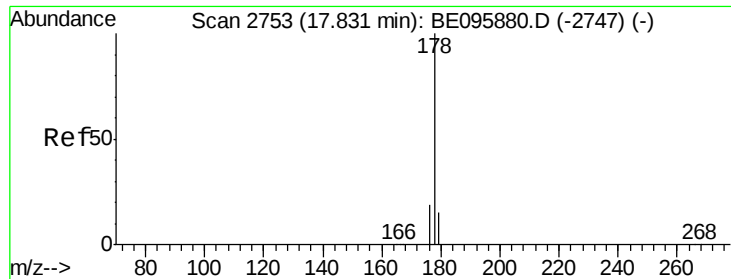
Delta R.T. 0.01 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6
176	19.6	13.6	20.4





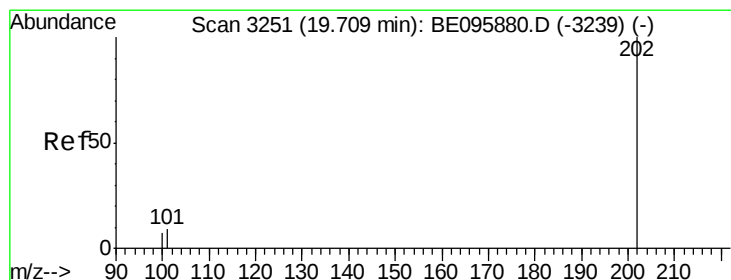
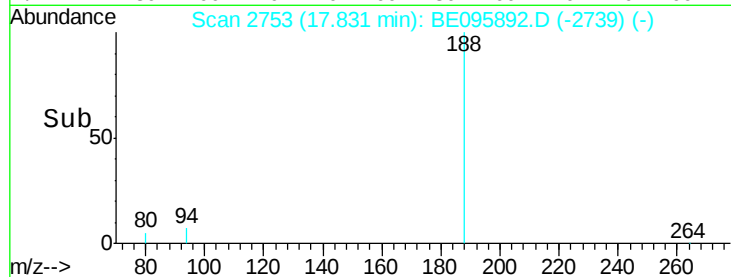
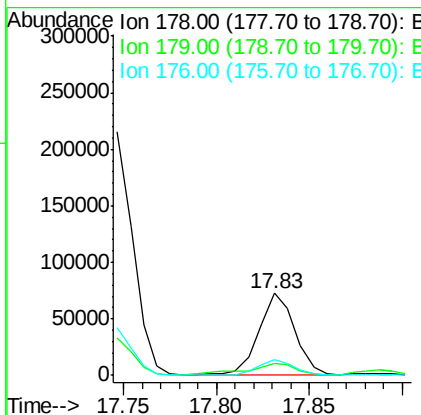
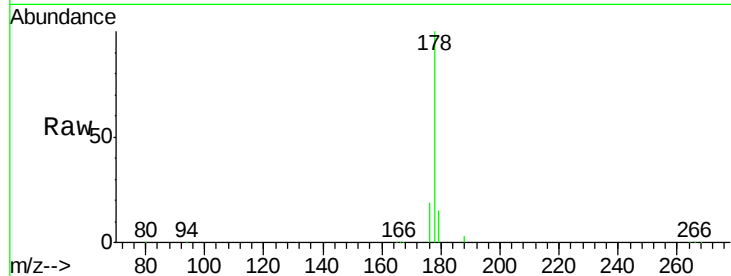
#13
 Anthracene
 Concen: 4.648 ng/ul m
 RT: 17.83 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BE095892.D
 Acq: 29 Mar 2018 00:17

Instrument :
 BNA_E
 ClientSampleId :
 C0AS7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.1	27.1#
176	19.5	14.7	22.1

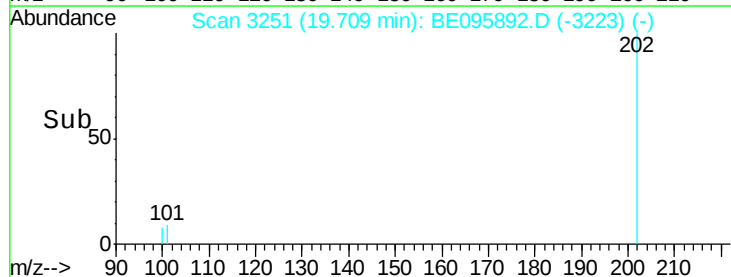
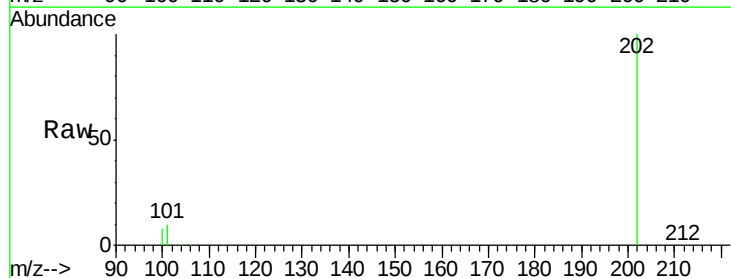
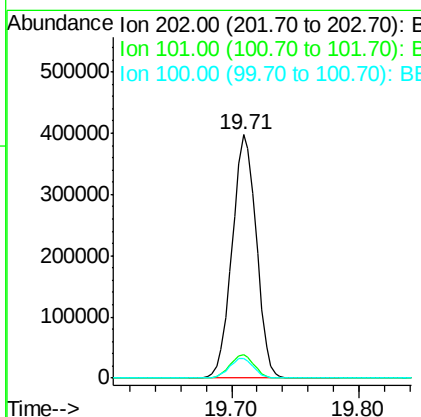
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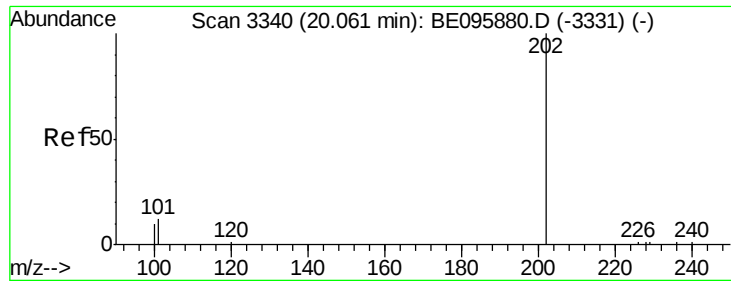
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#15
 Fluoranthene
 Concen: 18.739 ng/ul m
 RT: 19.71 min Scan# 3251
 Delta R.T. 0.00 min
 Lab File: BE095892.D
 Acq: 29 Mar 2018 00:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.3
100	8.0	0.0	39.5





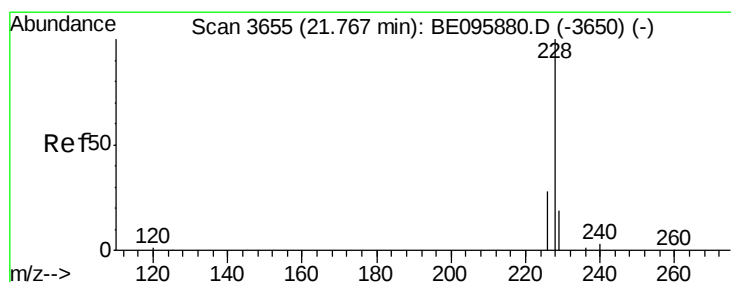
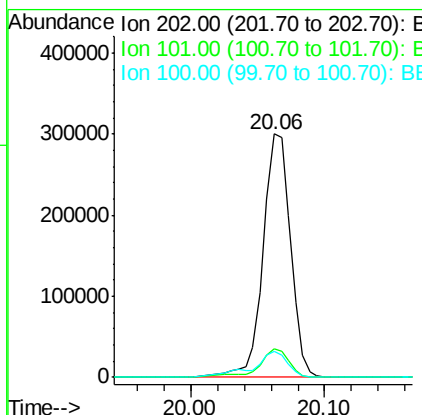
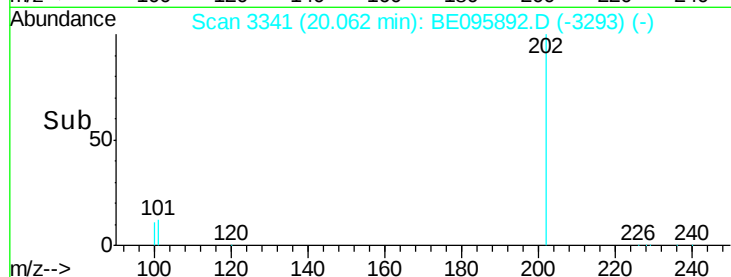
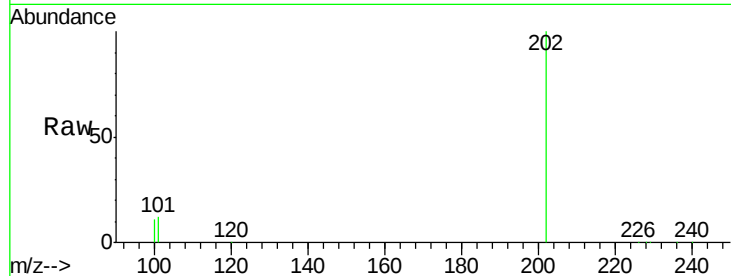
#17
Pvrene
Concen: 16.805 ng/ul
RT: 20.06 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BE095892.D
Acq: 29 Mar 2018 00:17

Instrument :
BNA_E
ClientSampleId :
C0AS7

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	18.2	27.4#
100	10.6	15.6	23.4#

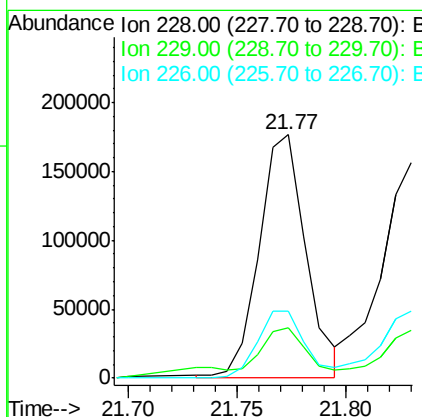
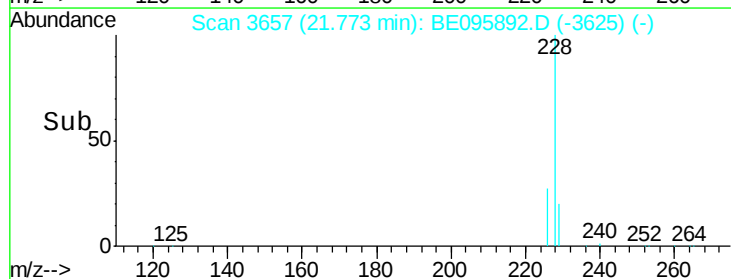
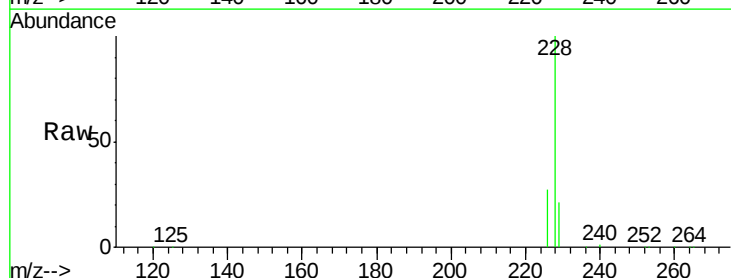
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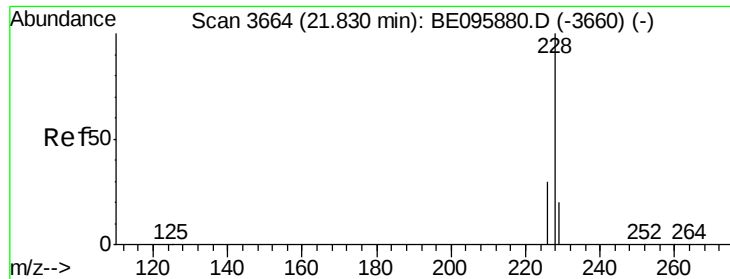
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#18
Benzo(a)anthracene
Concen: 10.588 ng/ul m
RT: 21.77 min Scan# 3657
Delta R.T. 0.01 min
Lab File: BE095892.D
Acq: 29 Mar 2018 00:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	22.8	34.2#
226	27.5	17.0	25.6#





#19

Chrysene

Concen: 9.600 ng/ul

RT: 21.83 min Scan# 3665

Delta R.T. -0.00 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

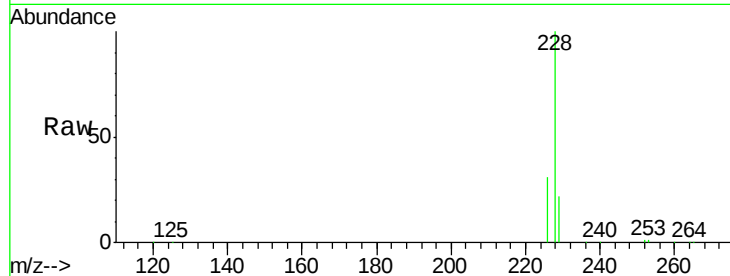
ClientSampled :

C0AS7

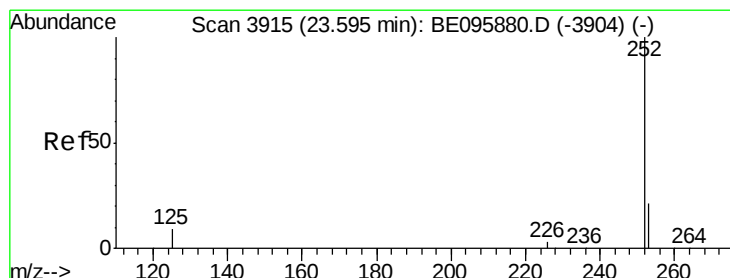
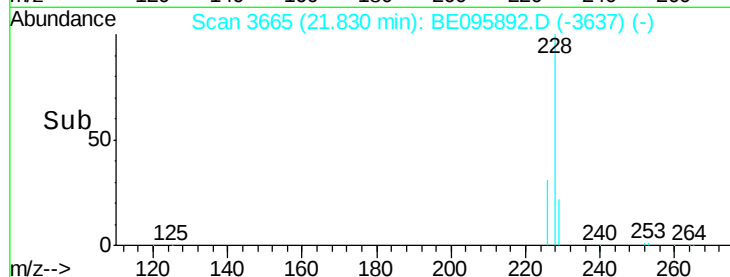
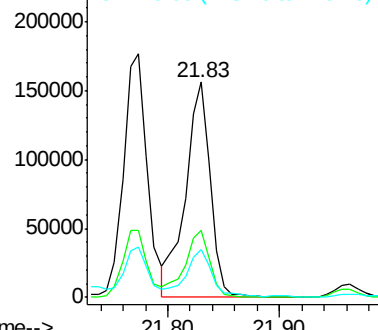
Tot Ion:	228	Resp:	243062
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	22.1	17.7	26.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 10.142 ng/ul m

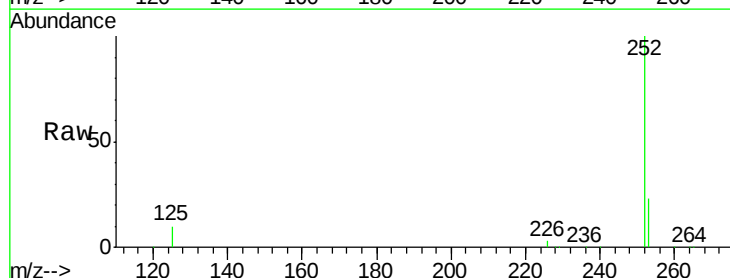
RT: 23.60 min Scan# 3917

Delta R.T. 0.01 min

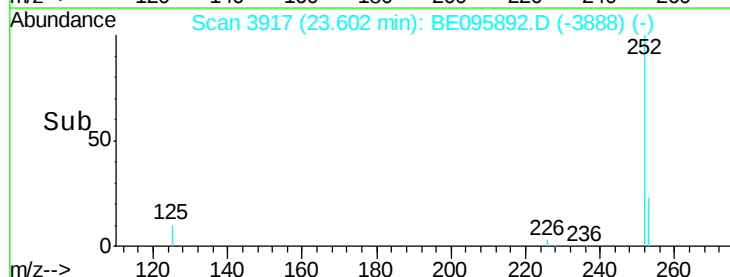
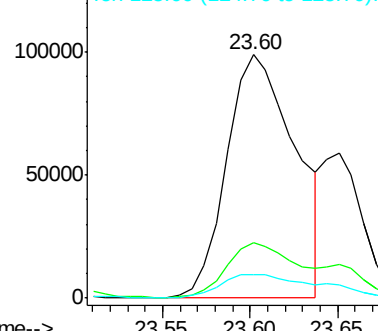
Lab File: BE095892.D

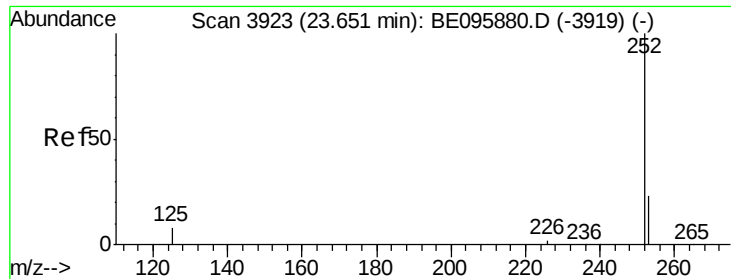
Acq: 29 Mar 2018 00:17

Tgt Ion:	252	Resp:	270642
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	64.2
125	9.9	0.0	35.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





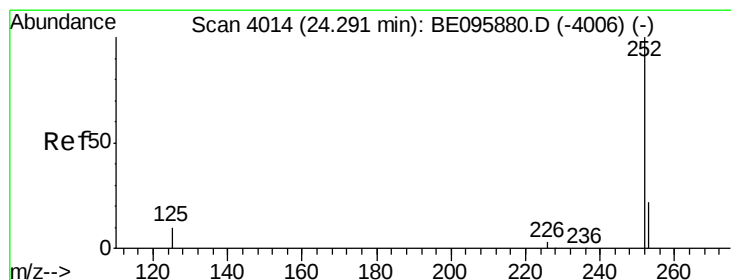
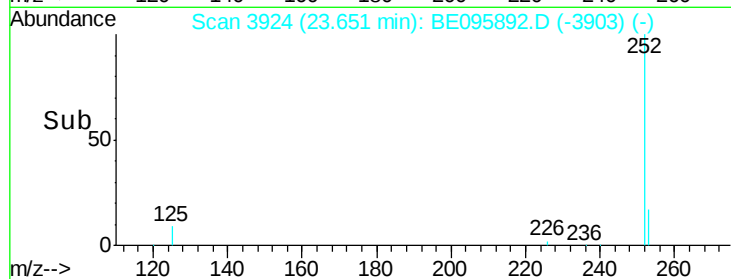
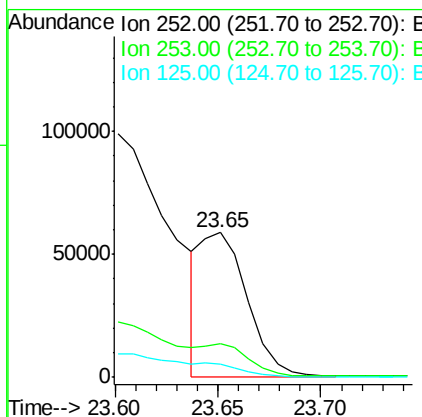
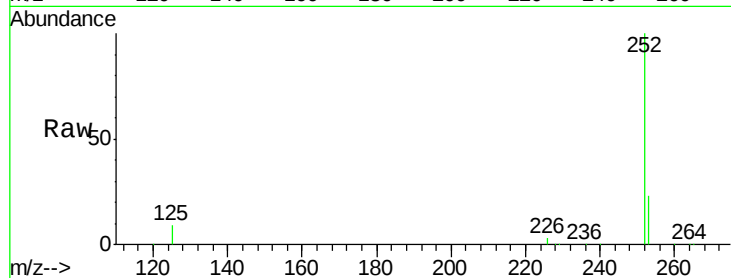
#22
Benzo(k)fluoranthene
Concen: 3.652 ng/ul m
RT: 23.65 min Scan# 3924
Delta R.T. -0.00 min
Lab File: BE095892.D
Acq: 29 Mar 2018 00:17

Instrument :
BNA_E
ClientSampleId :
C0AS7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	9.4	13.7	20.5#

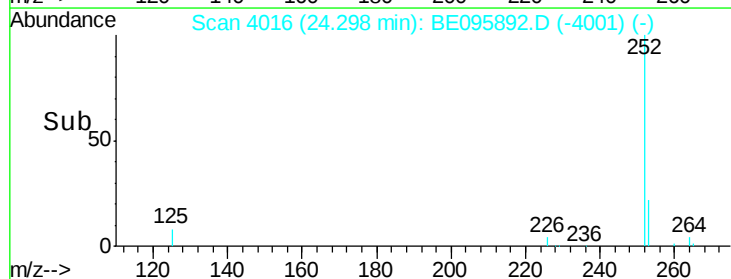
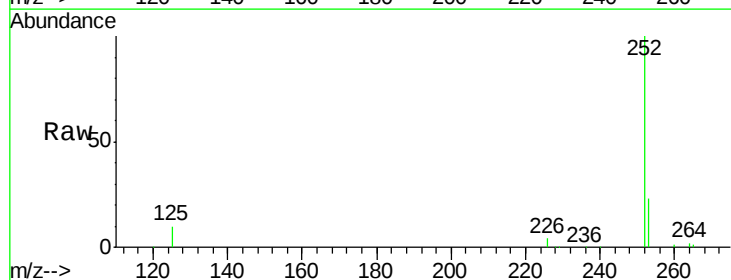
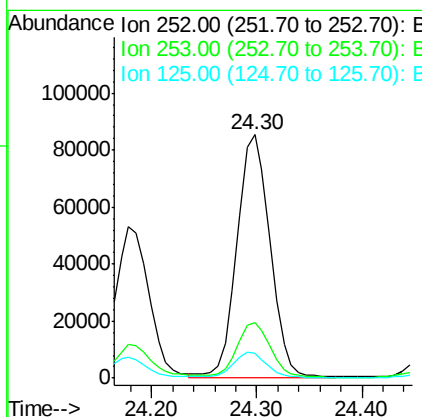
Manual Integrations
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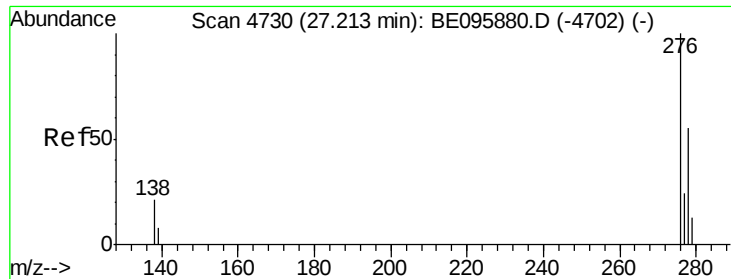
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#23
Benzo(a)pyrene
Concen: 7.763 ng/ul m
RT: 24.30 min Scan# 4016
Delta R.T. 0.01 min
Lab File: BE095892.D
Acq: 29 Mar 2018 00:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	10.0	18.1	27.1#





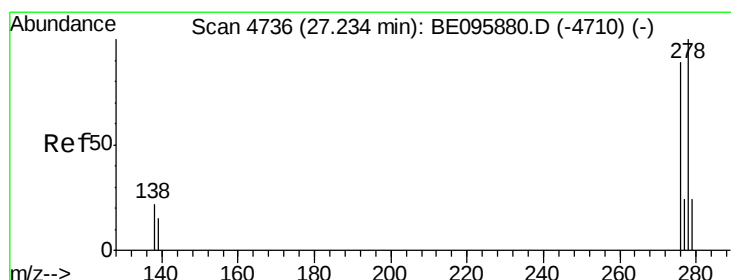
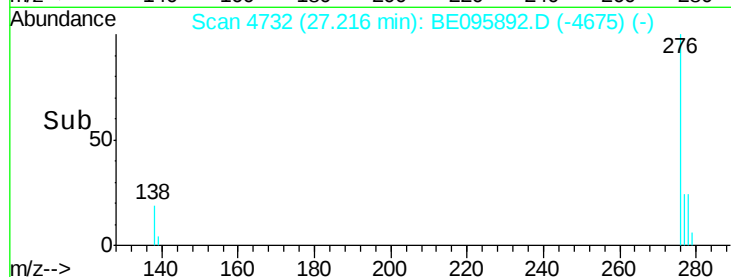
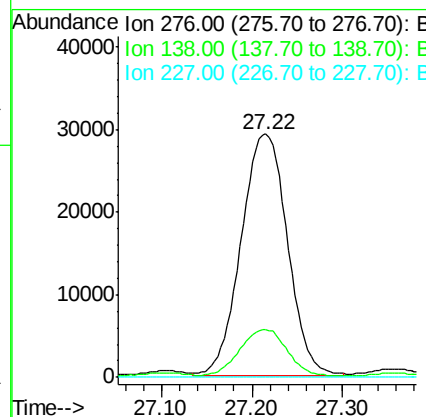
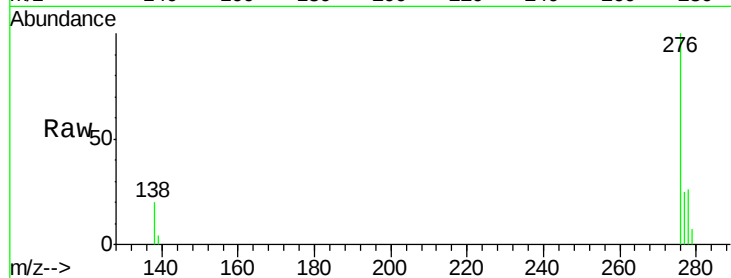
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.850 ng/ul m
 RT: 27.22 min Scan# 4732
 Delta R.T. 0.00 min
 Lab File: BE095892.D
 Acq: 29 Mar 2018 00:17

Instrument :
 BNA_E
 ClientSampleId :
 C0AS7

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.3	28.0	42.0#
227	0.0	8.0	12.0#

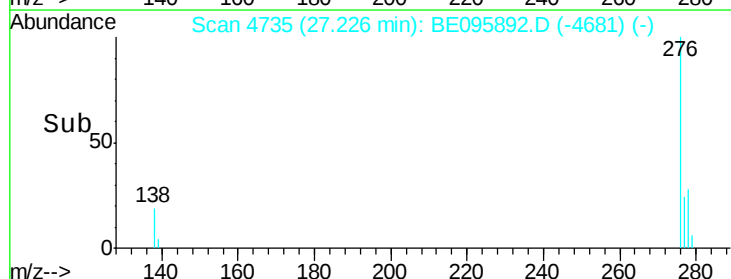
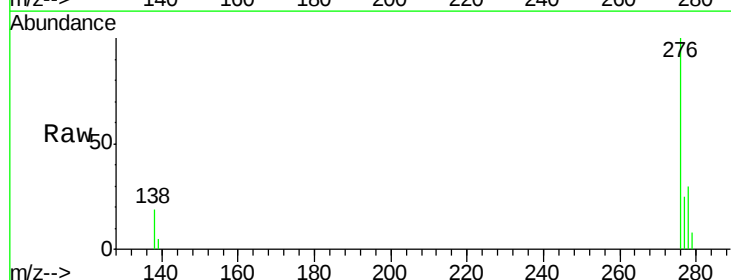
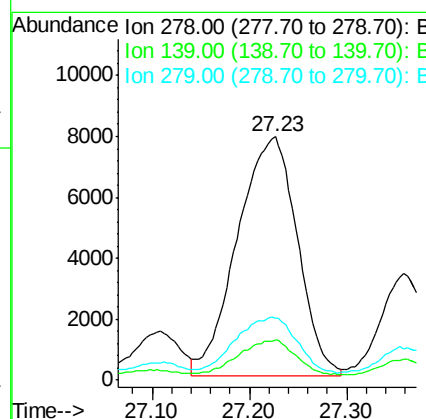
Manual Integrations
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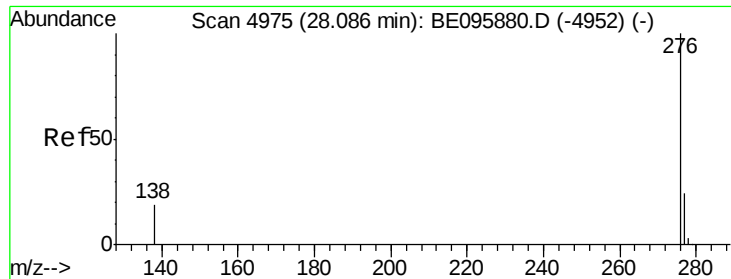
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.554 ng/ul m
 RT: 27.23 min Scan# 4735
 Delta R.T. -0.01 min
 Lab File: BE095892.D
 Acq: 29 Mar 2018 00:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	17.4	26.0#
279	25.7	25.9	38.9#





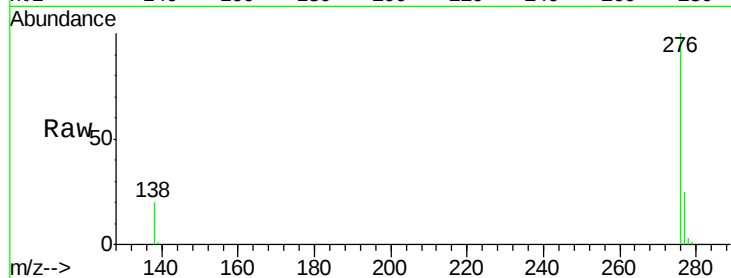
#26
 Benzo(a,h,i)perylene
 Concen: 3.940 ng/ul m
 RT: 28.09 min Scan# 4977
 Delta R.T. 0.00 min
 Lab File: BE095892.D
 Acq: 29 Mar 2018 00:17

Instrument :
 BNA_E
 ClientSampleId :
 C0AS7

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	21.8	32.8#
277	24.5	20.5	30.7

Manual Integrations
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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

