

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095895.D
 Acq On : 29 Mar 2018 2:04
 Operator : SJ/JU
 Sample : J2060-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AS4

Manual Integrations
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 3/29/2018 5:18:38 PM

Quant Time: Mar 29 06:41:29 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	1782	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5119	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3461	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	8069m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	8272m	0.40	ng/ul	0.00
20) Perylene-d12	24.41	264	10095	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2991	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	9577m	0.37	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	5812	0.407	ng/ul#	89
5) 2-Methylnaphthalene	12.87	142	1004	0.101	ng/ul	98
8) Acenaphthene	15.06	153	4739	0.360	ng/ul	97
9) Fluorene	16.02	166	4522	0.317	ng/ul#	91
12) Phenanthrene	17.75	178	77583m	3.211	ng/ul	
13) Anthracene	17.83	178	21579m	0.955	ng/ul	
15) Fluoranthene	19.71	202	126075m	4.307	ng/ul	
17) Pyrene	20.07	202	118093	3.760	ng/ul#	77
18) Benzo(a)anthracene	21.77	228	60300m	2.259	ng/ul	
19) Chrysene	21.83	228	54568	2.008	ng/ul	98
21) Benzo(b)fluoranthene	23.60	252	70604m	2.019	ng/ul	
22) Benzo(k)fluoranthene	23.64	252	21731m	0.654	ng/ul	
23) Benzo(a)pyrene	24.30	252	49171	1.540	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.21	276	28091	0.793	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.22	278	7718	0.273	ng/ul	94
26) Benzo(a,h,i)perylene	28.08	276	25939	0.853	ng/ul#	92

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

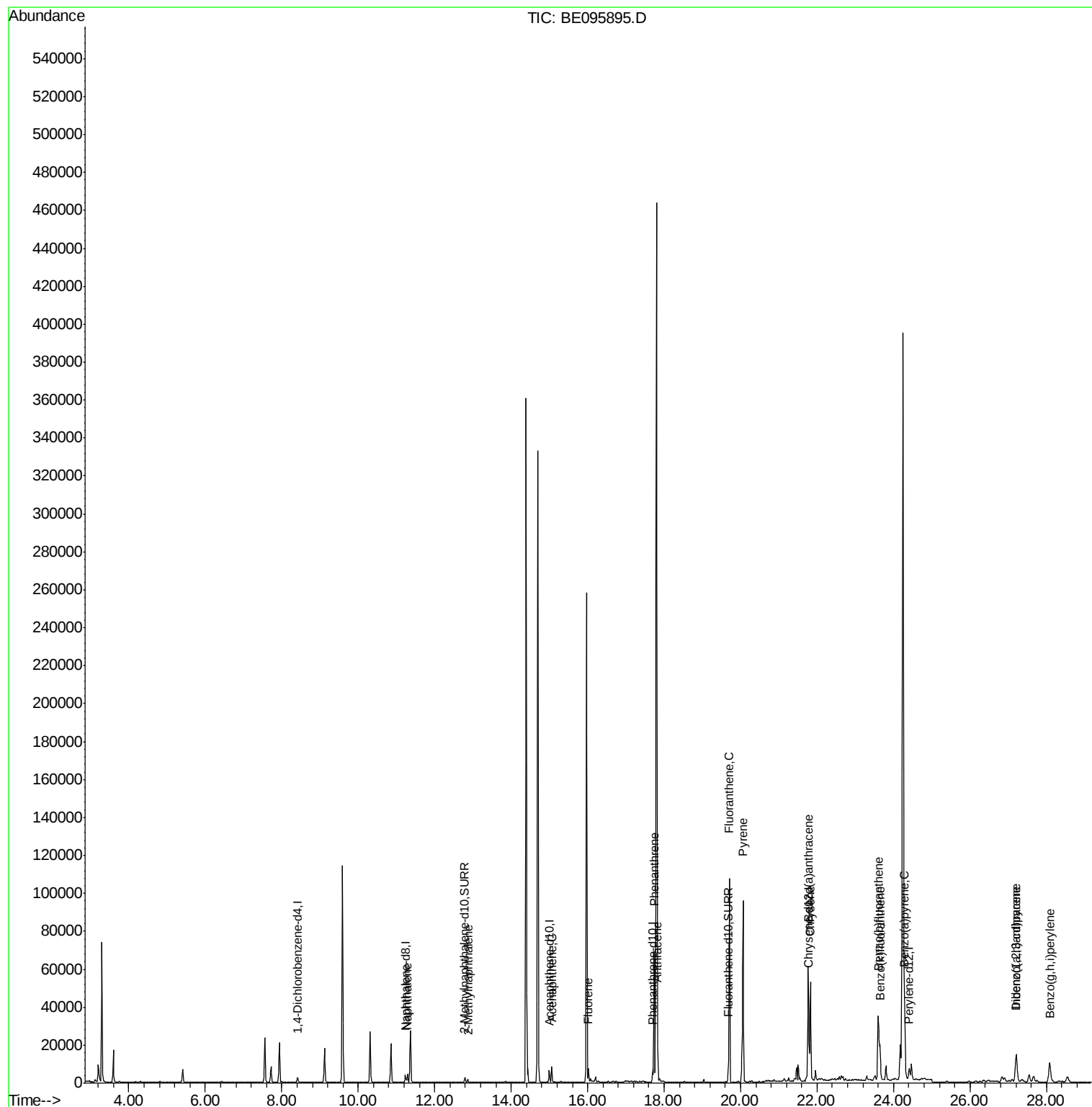
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
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ALS Vial : 26 Sample Multiplier: 1

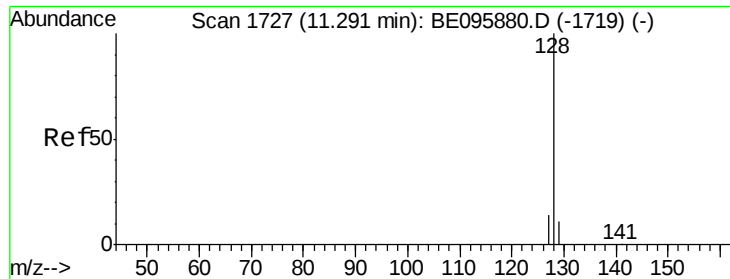
Instrument :
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#3

Naphthalene

Concen: 0.407 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Instrument :

BNA_E

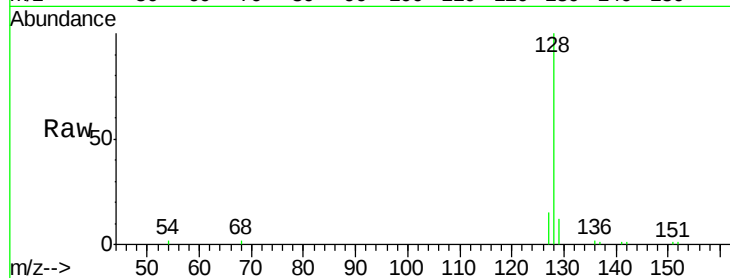
ClientSampleId :

C0AS4

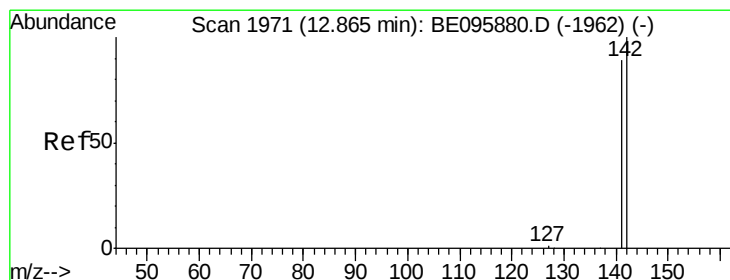
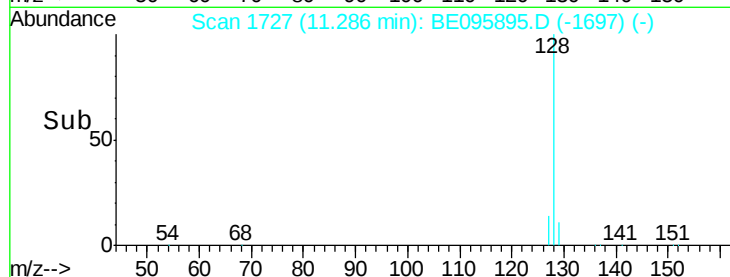
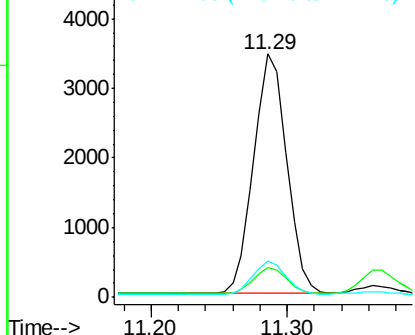
Tot Ion:	128	Resp:	5812
Ion Ratio	Lower	Upper	
128	100		
129	12.3	11.3	16.9
127	14.8	4.0	6.0#

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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: 0.101 ng/ul

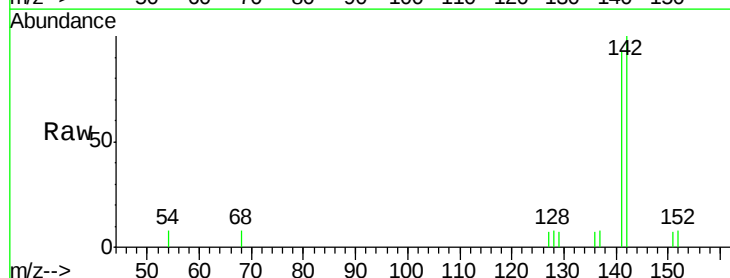
RT: 12.87 min Scan# 1972

Delta R.T. 0.00 min

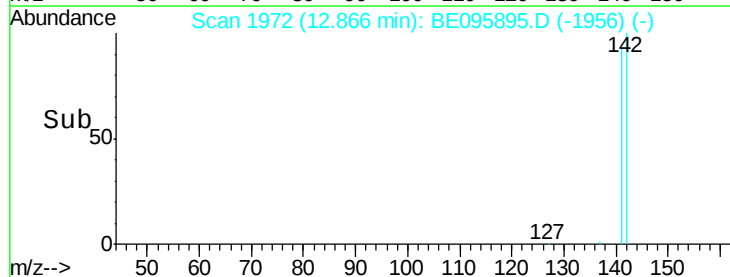
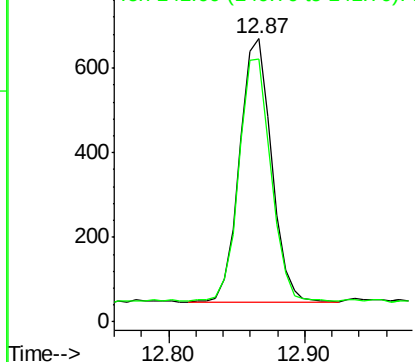
Lab File: BE095895.D

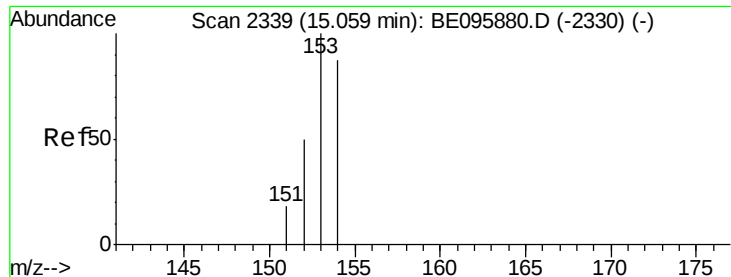
Acq: 29 Mar 2018 2:04

Tgt Ion:	142	Resp:	1004
Ion Ratio	Lower	Upper	
142	100		
141	92.8	72.6	108.8



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





#8

Acenaphthene

Concen: 0.360 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Instrument :

BNA_E

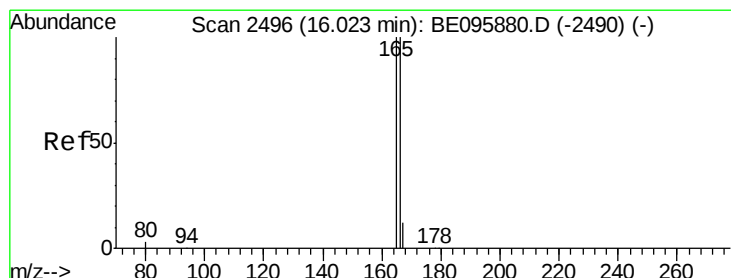
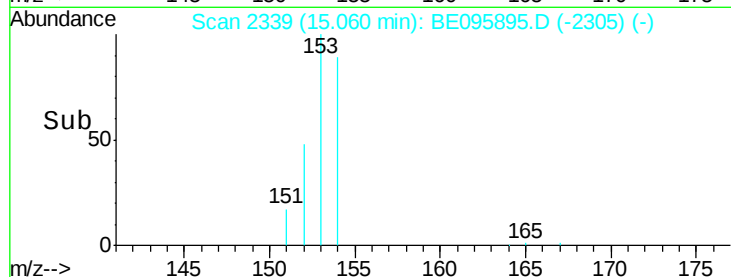
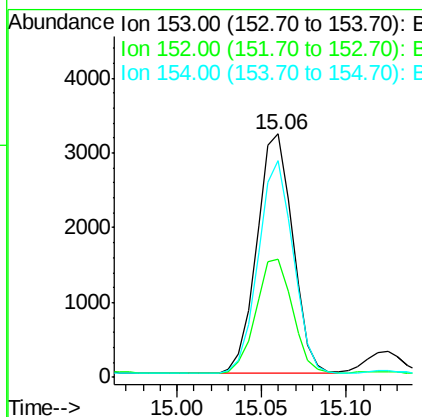
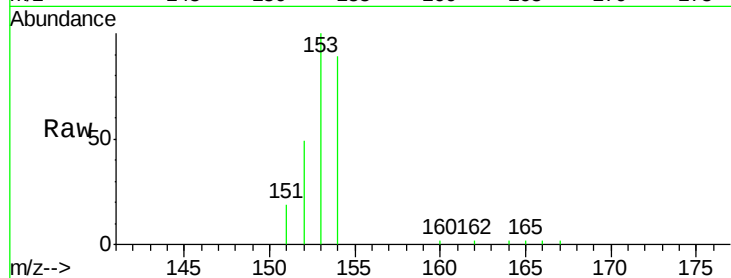
ClientSampleId :

C0AS4

Tot Ion:	153	Resp:	4739
Ion	Ratio	Lower	Upper
153	100		
152	48.5	36.0	54.0
154	89.0	72.0	108.0

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#9

Fluorene

Concen: 0.317 ng/ul

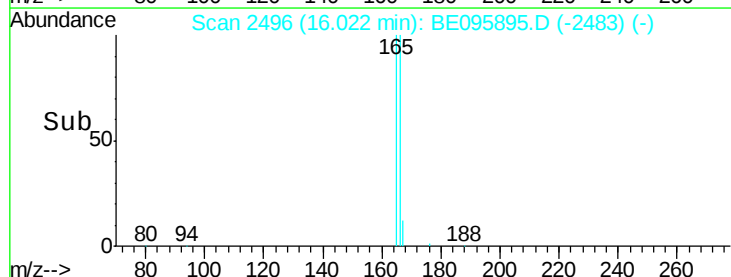
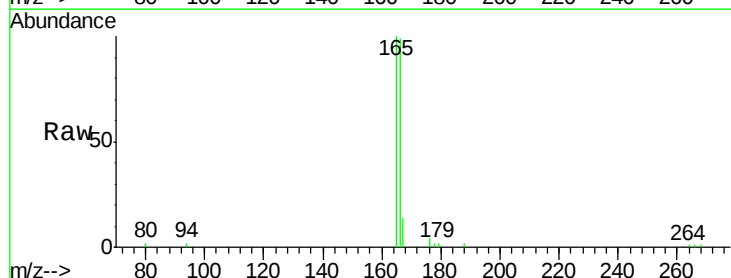
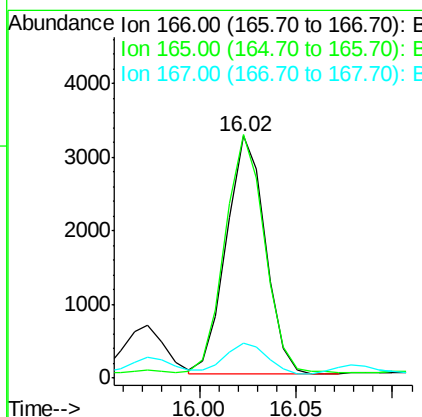
RT: 16.02 min Scan# 2496

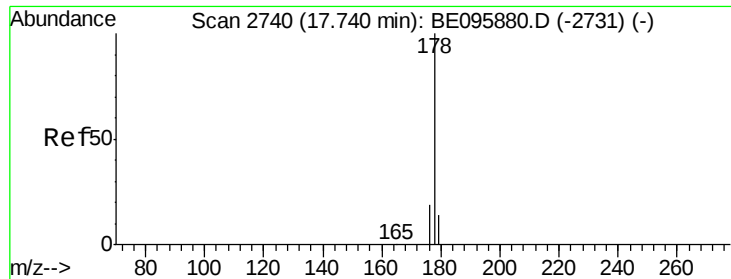
Delta R.T. -0.00 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Tgt Ion:	166	Resp:	4522
Ion	Ratio	Lower	Upper
166	100		
165	100.5	73.4	110.2
167	14.4	14.6	22.0





#12

Phenanthrene

Concen: 3.211 ng/ul m

RT: 17.75 min Scan# 2741

Delta R.T. 0.01 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Instrument :

BNA_E

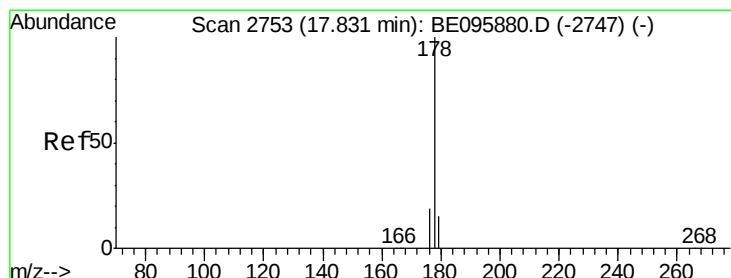
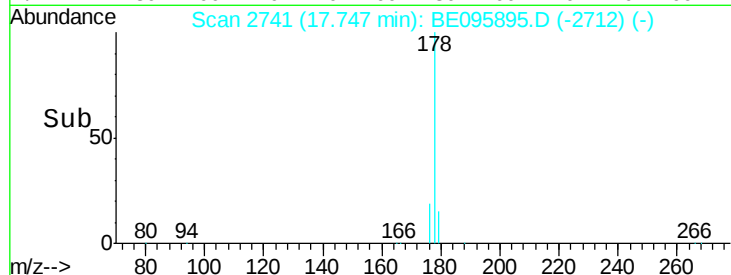
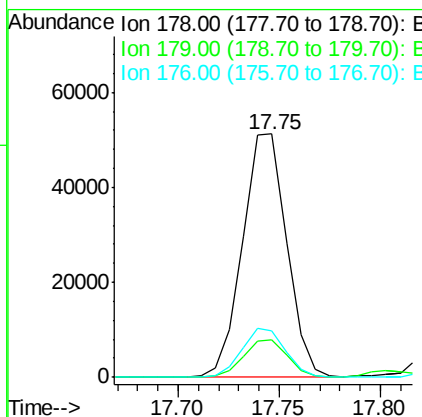
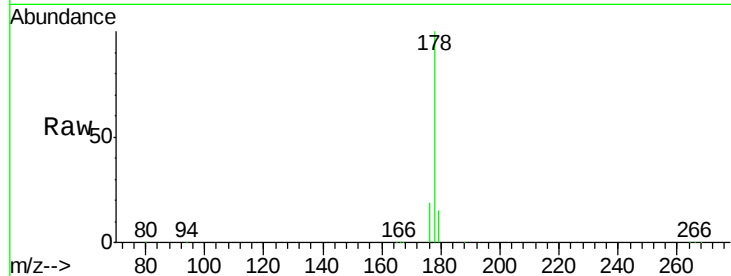
ClientSampleId :

C0AS4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.3	13.6	20.4

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#13

Anthracene

Concen: 0.955 ng/ul m

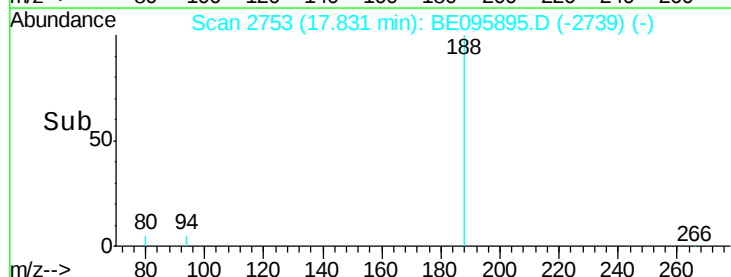
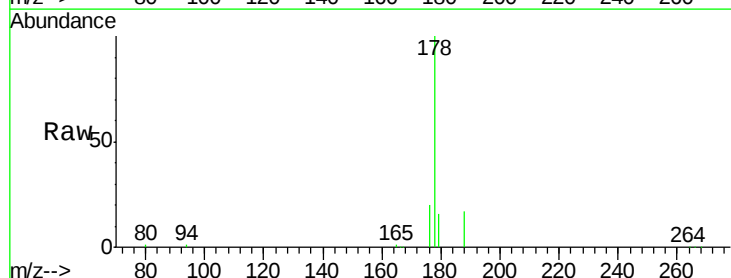
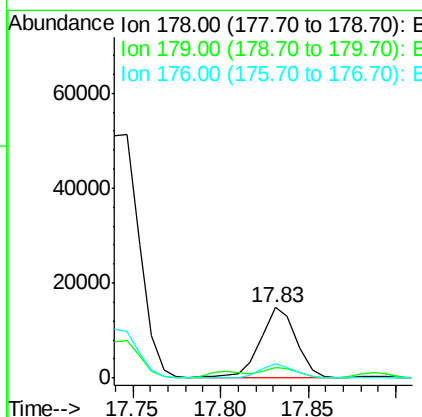
RT: 17.83 min Scan# 2753

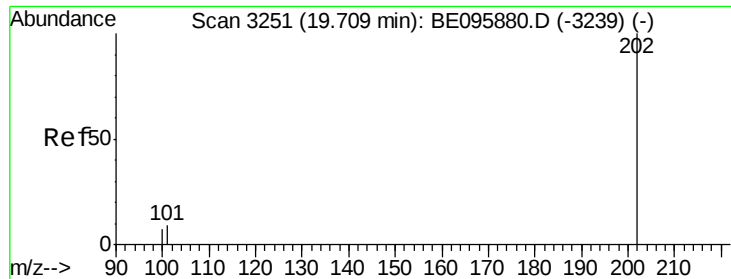
Delta R.T. -0.00 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.1	27.1#
176	19.6	14.7	22.1





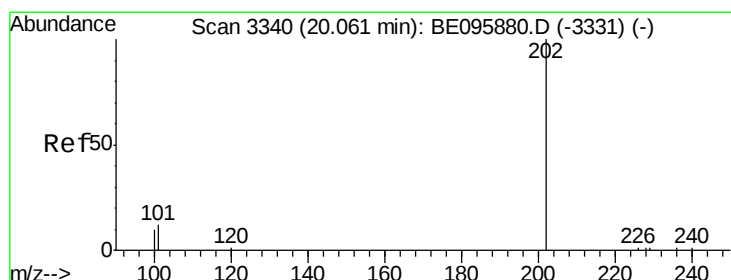
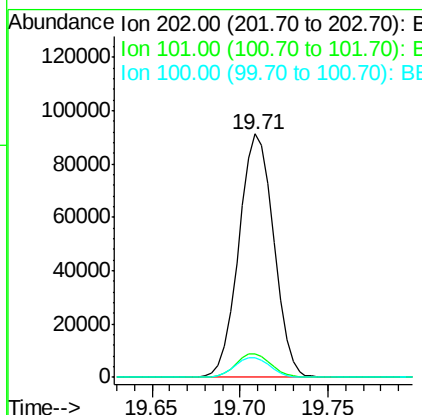
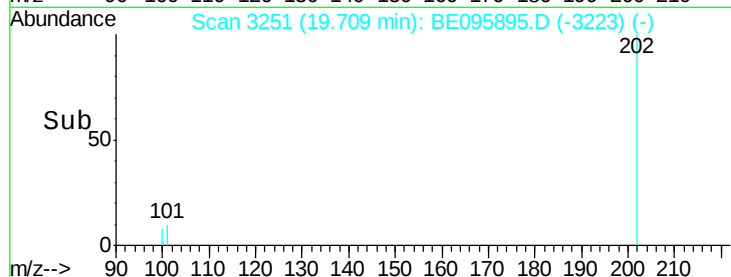
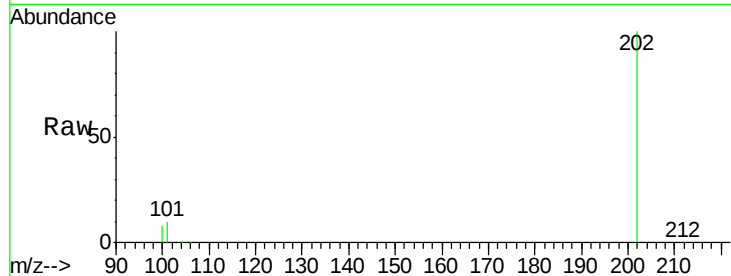
#15
Fluoranthene
Concen: 4.307 ng/ul m
RT: 19.71 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BE095895.D
Acq: 29 Mar 2018 2:04

Instrument :
BNA_E
ClientSampleId :
C0AS4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	30.3
100	8.2	0.0	39.5

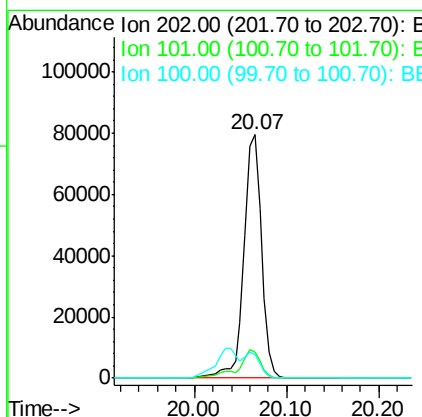
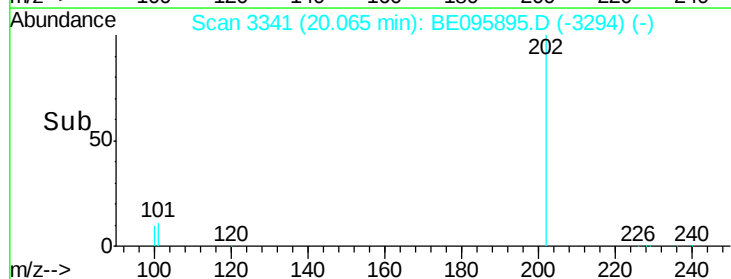
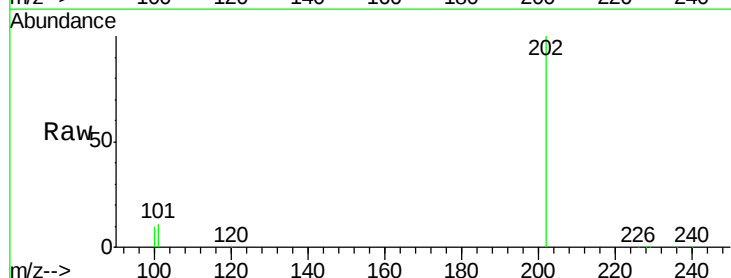
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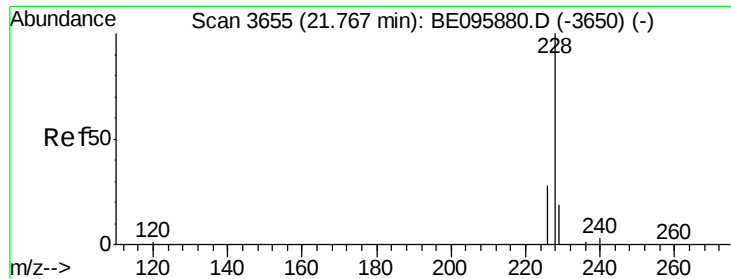
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#17
Pyrene
Concen: 3.760 ng/ul
RT: 20.07 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BE095895.D
Acq: 29 Mar 2018 2:04

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	18.2	27.4#
100	9.6	15.6	23.4#





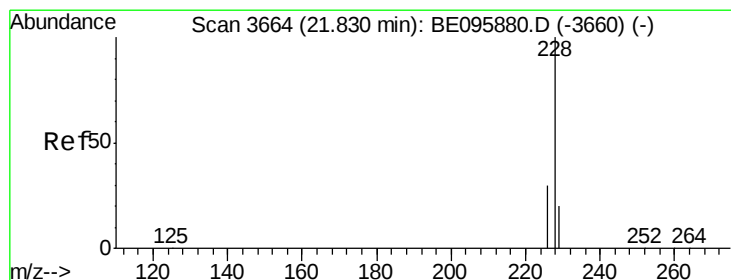
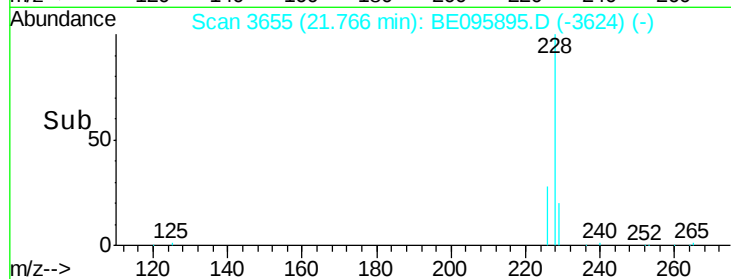
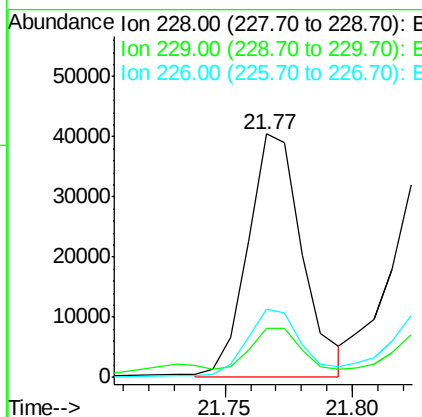
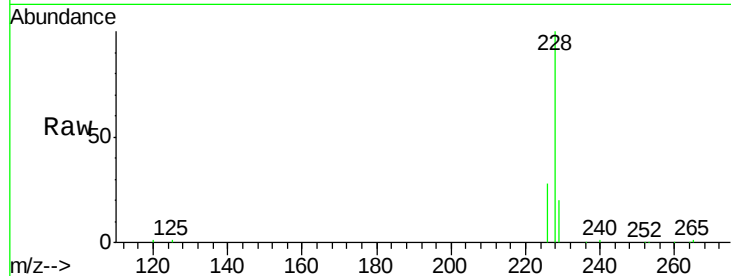
#18
Benzo(a)anthracene
Concen: 2.259 ng/ul m
RT: 21.77 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BE095895.D
Acq: 29 Mar 2018 2:04

Instrument :
BNA_E
ClientSampled :
C0AS4

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	22.8	34.2#
226	28.1	17.0	25.6#

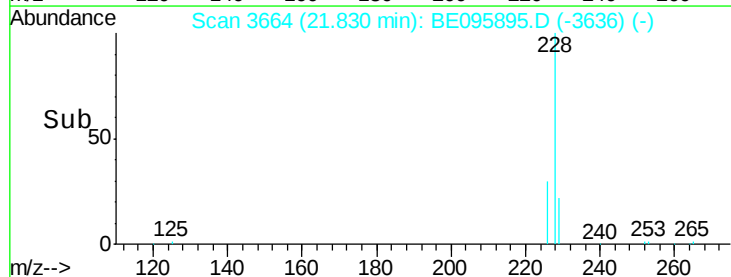
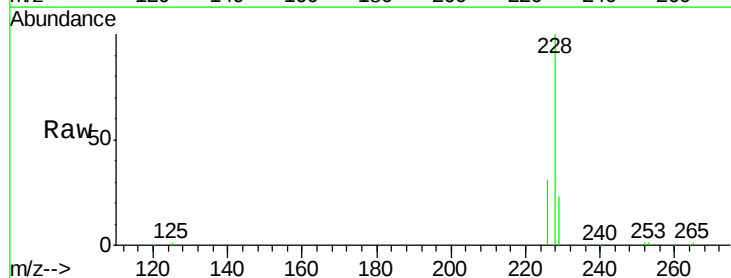
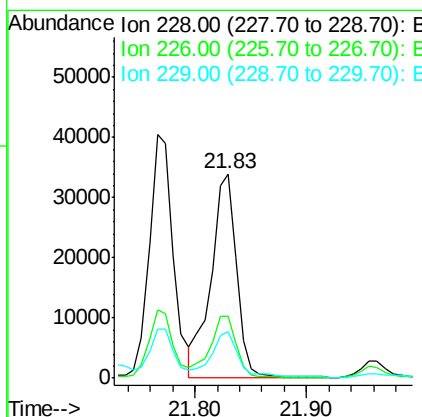
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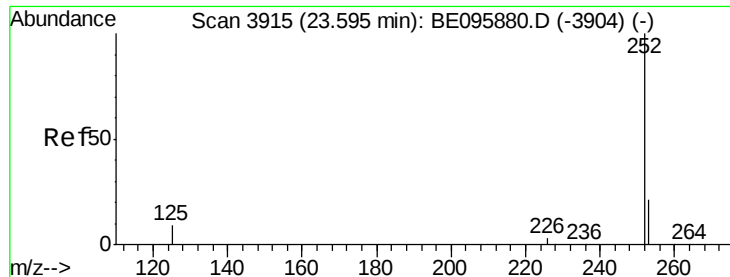
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#19
Chrysene
Concen: 2.008 ng/ul
RT: 21.83 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BE095895.D
Acq: 29 Mar 2018 2:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	22.6	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 2.019 ng/ul m

RT: 23.60 min Scan# 3916

Delta R.T. 0.01 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Instrument :

BNA_E

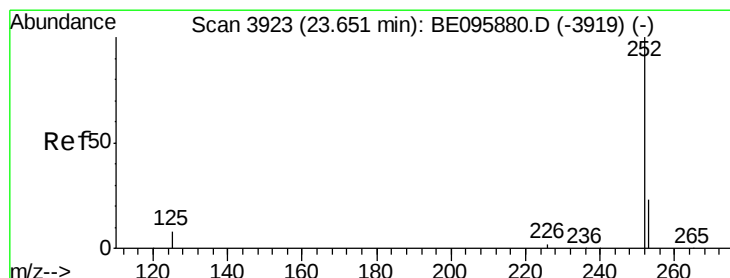
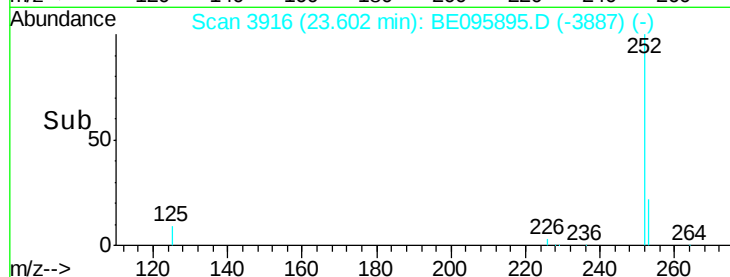
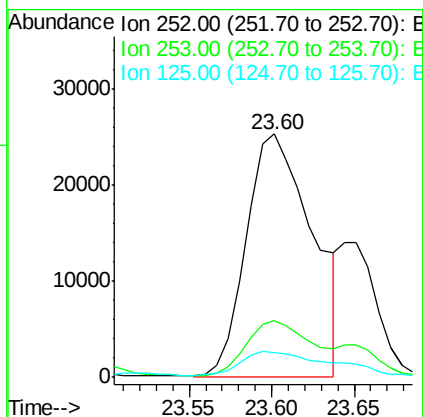
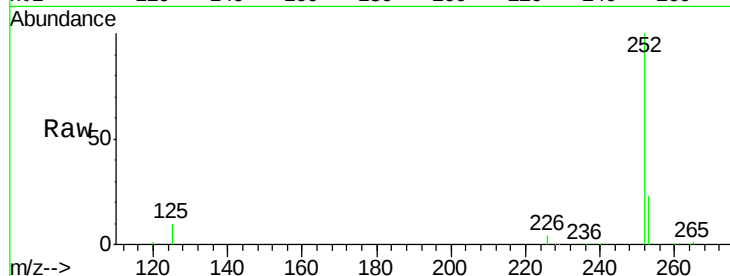
ClientSampleId :

C0AS4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	10.1	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.654 ng/ul m

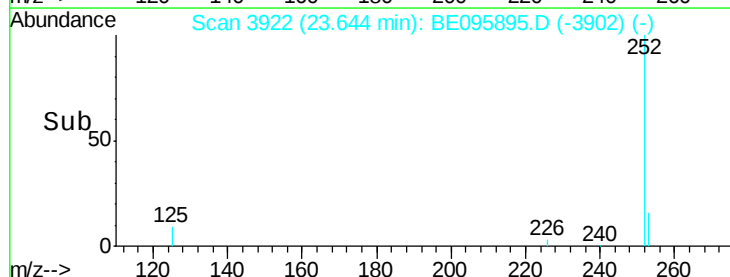
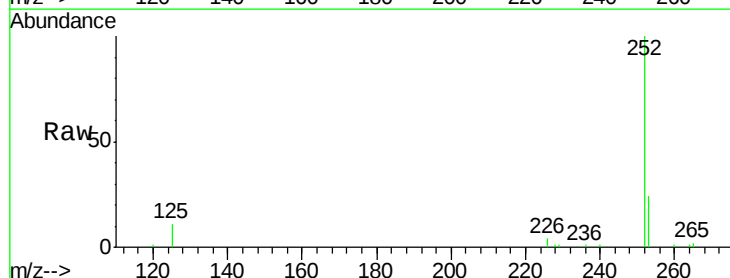
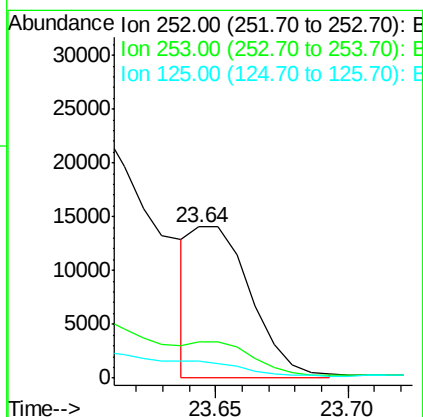
RT: 23.64 min Scan# 3922

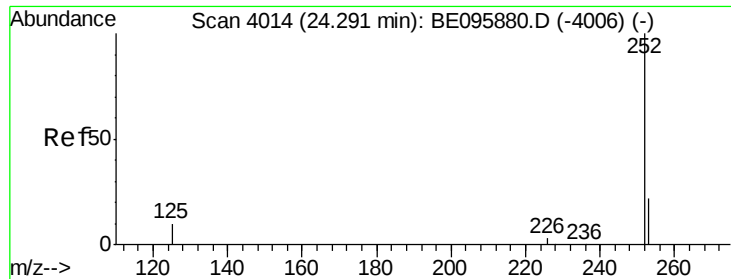
Delta R.T. -0.01 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	11.1	13.7	20.5#





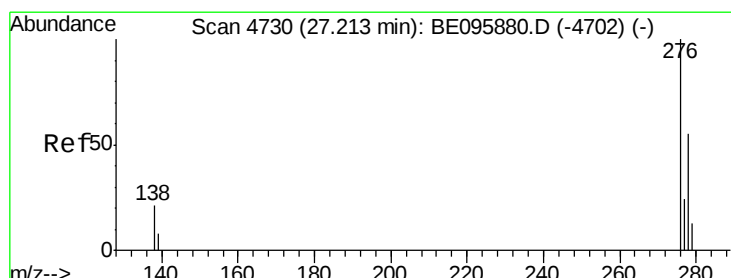
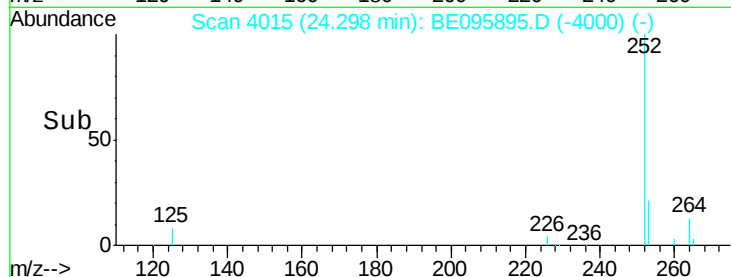
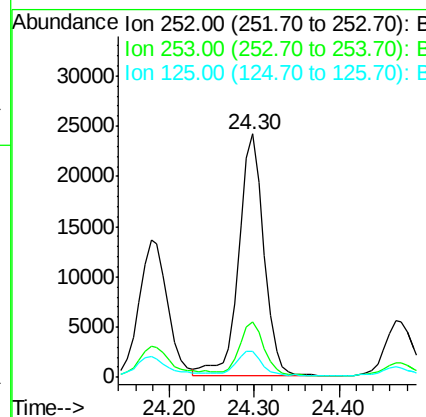
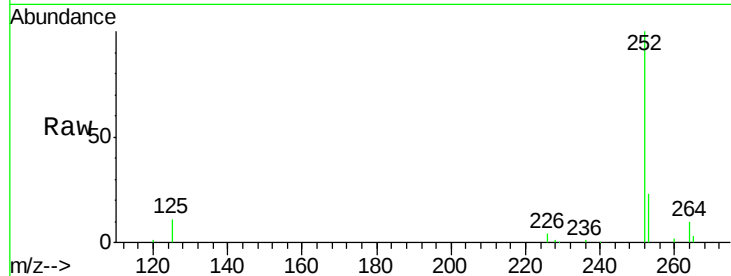
#23
Benzo(a)pyrene
Concen: 1.540 ng/ul
RT: 24.30 min Scan# 4015
Delta R.T. 0.01 min
Lab File: BE095895.D
Acq: 29 Mar 2018 2:04

Instrument :
BNA_E
ClientSampleId :
C0AS4

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	10.5	18.1	27.1#

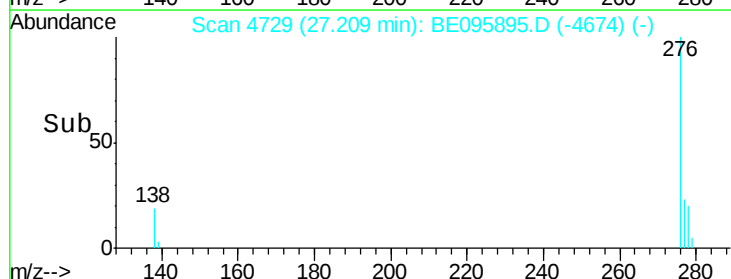
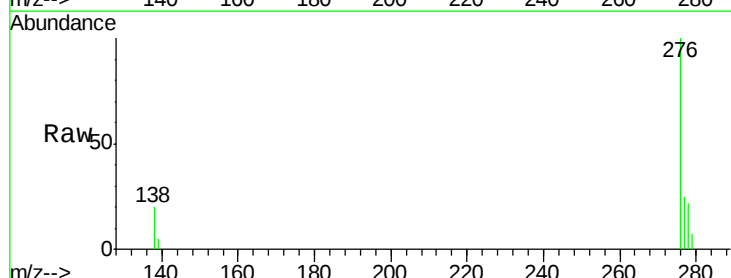
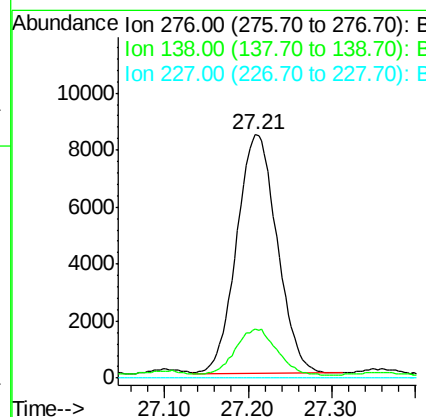
Manual Integrations
APPROVED

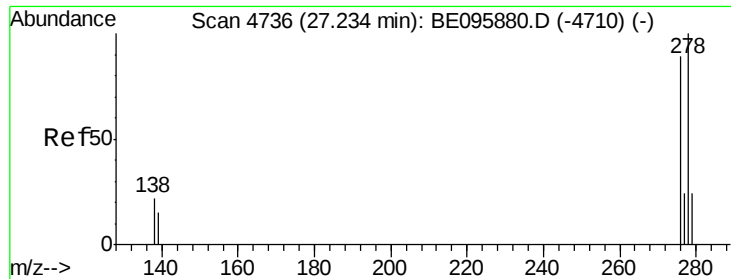
Sohil
3/29/2018 5:18:38 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.793 ng/ul
RT: 27.21 min Scan# 4729
Delta R.T. -0.00 min
Lab File: BE095895.D
Acq: 29 Mar 2018 2:04

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	19.7	28.0	42.0#
227	0.0	8.0	12.0#





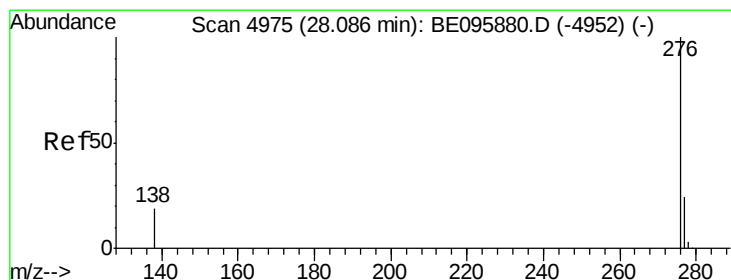
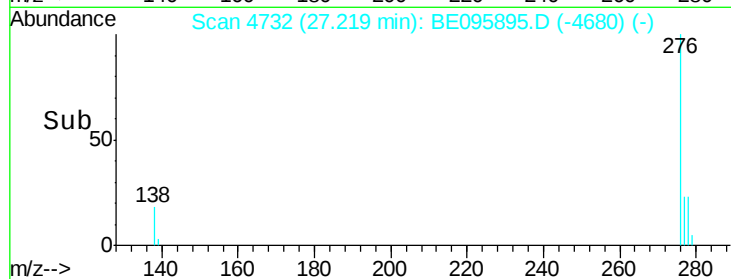
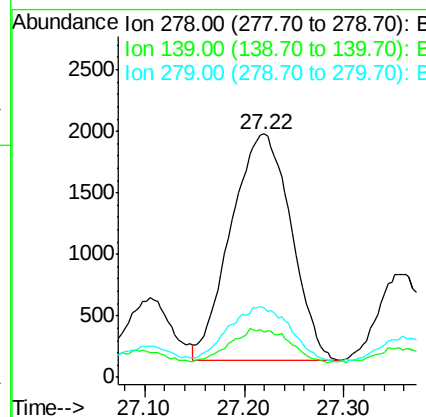
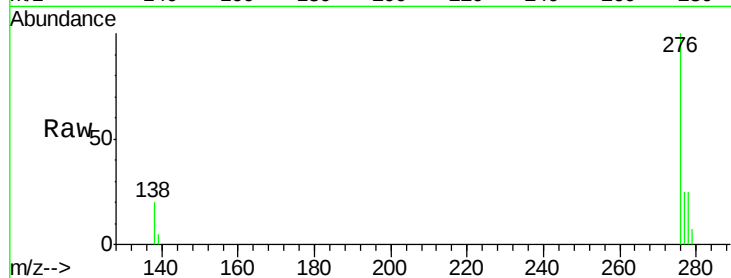
#25
Dibenzo(a,h)anthracene
Concen: 0.273 ng/ul
RT: 27.22 min Scan# 4732
Delta R.T. -0.01 min
Lab File: BE095895.D
Acq: 29 Mar 2018 2:04

Instrument :
BNA_E
ClientSampled :
C0AS4

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	17.4	26.0
279	28.8	25.9	38.9

Manual Integrations
APPROVED

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#26
Benzo(g,h,i)perylene
Concen: 0.853 ng/ul
RT: 28.08 min Scan# 4974
Delta R.T. -0.00 min
Lab File: BE095895.D
Acq: 29 Mar 2018 2:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	21.8	32.8#
277	24.2	20.5	30.7

