

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095893.D
 Acq On : 29 Mar 2018 00:53
 Operator : SJ/JU
 Sample : J2060-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AT9

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:18:32 PM

Quant Time: Mar 29 06:36:10 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	1665	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4763	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3026	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7338m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7611m	0.40	ng/ul	0.00
20) Perylene-d12	24.41	264	8148	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	1597	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	4730m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.28	128	739	0.056	ng/ul#	64
5) 2-Methylnaphthalene	12.87	142	402	0.043	ng/ul	98
8) Acenaphthene	15.06	153	274	0.024	ng/ul#	69
9) Fluorene	16.02	166	328	0.026	ng/ul#	76
12) Phenanthrene	17.74	178	2111m	0.096	ng/ul	
13) Anthracene	17.83	178	791m	0.038	ng/ul	
15) Fluoranthene	19.71	202	4002m	0.150	ng/ul	
17) Pyrene	20.06	202	5612	0.194	ng/ul#	84
18) Benzo(a)anthracene	21.77	228	2553m	0.104	ng/ul	
19) Chrysene	21.82	228	2911m	0.116	ng/ul	
21) Benzo(b)fluoranthene	23.60	252	3658m	0.130	ng/ul	
22) Benzo(k)fluoranthene	23.64	252	1409m	0.053	ng/ul	
23) Benzo(a)pyrene	24.30	252	2748	0.107	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	27.21	276	1941	0.068	ng/ul#	76
26) Benzo(a,h,i)perylene	28.08	276	2086	0.085	ng/ul#	91

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

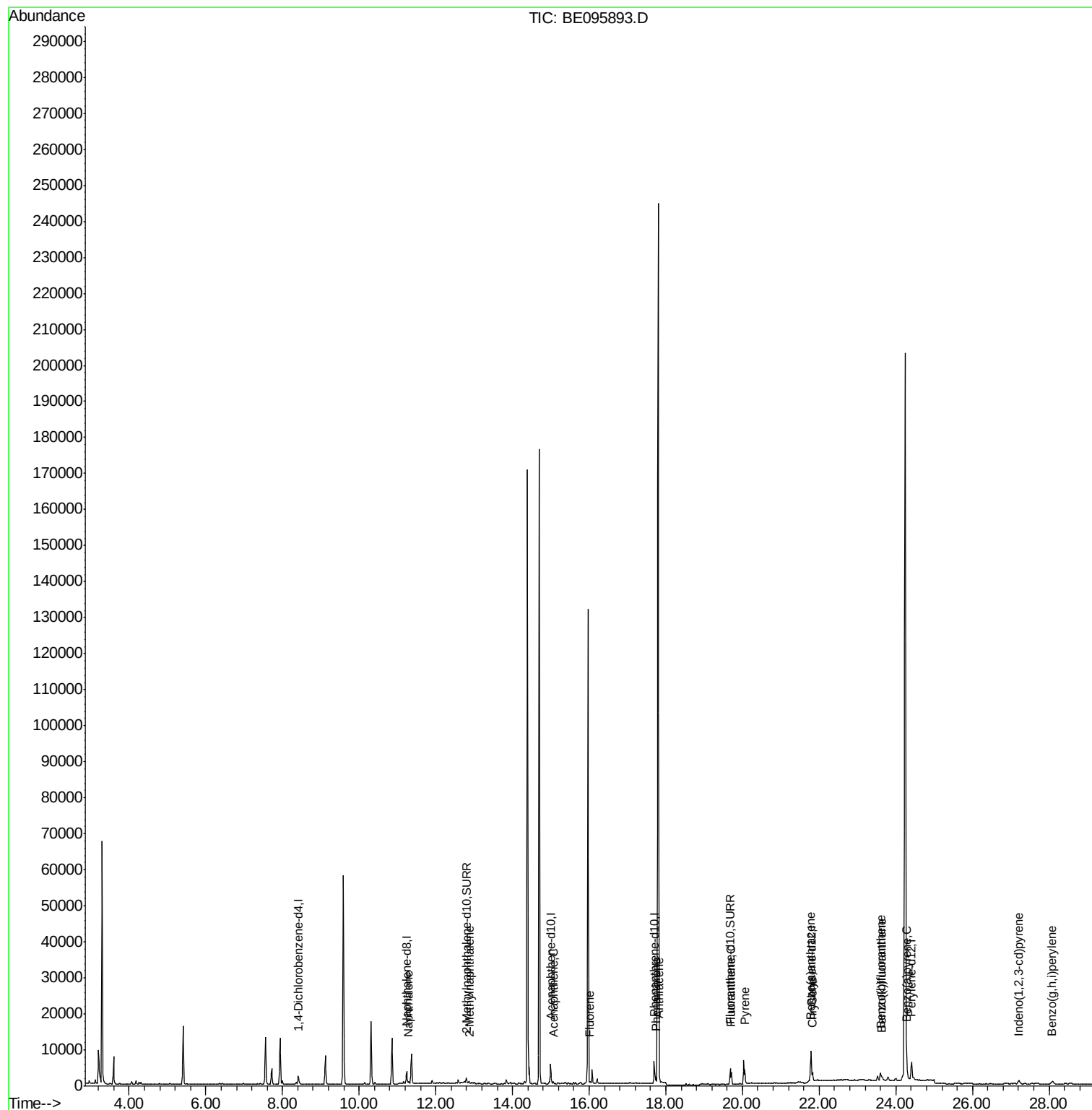
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095893.D
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Operator : SJ/JU
Sample : J2060-04
Misc :
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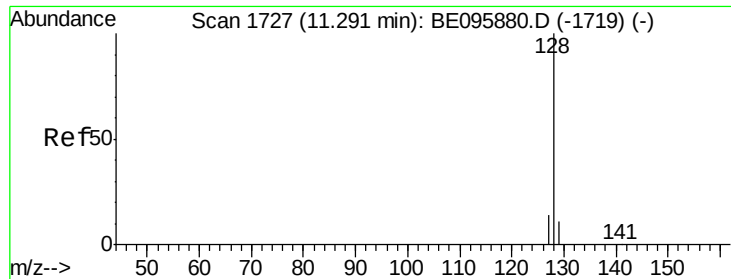
Instrument :
BNA_E
ClientSampleId :
C0AT9

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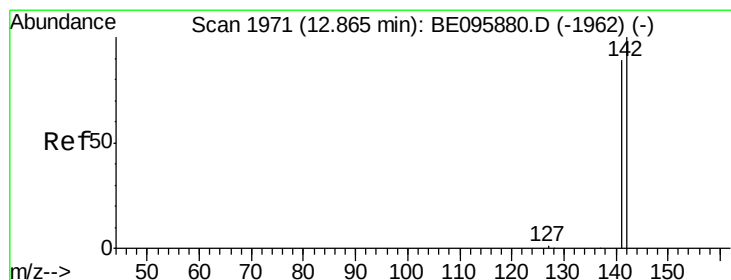
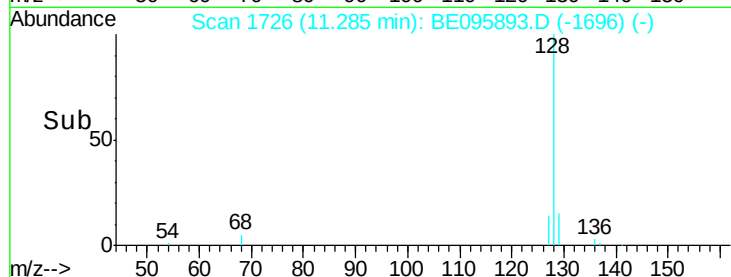
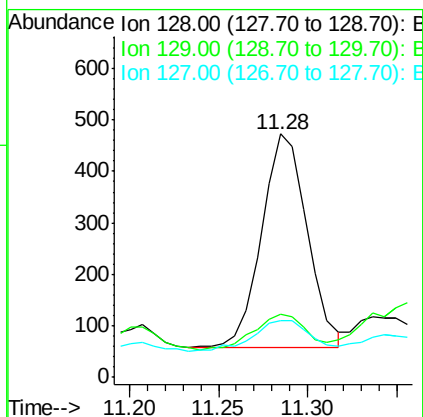
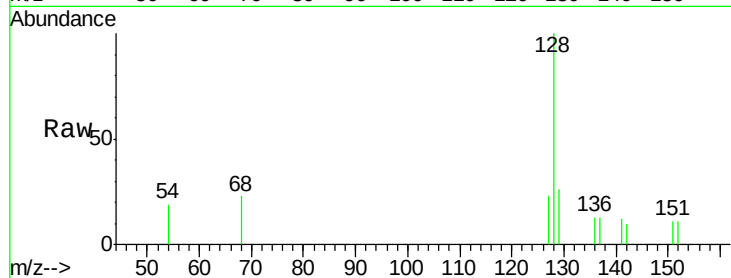
#3
Naphthalene
Concen: 0.056 ng/ul
RT: 11.28 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BE095893.D
Acq: 29 Mar 2018 00:53

Instrument :
BNA_E
ClientSampleId :
C0AT9

Tot Ion:128 Resp: 739
Ion Ratio Lower Upper
128 100
129 25.8 11.3 16.9#
127 23.3 4.0 6.0#

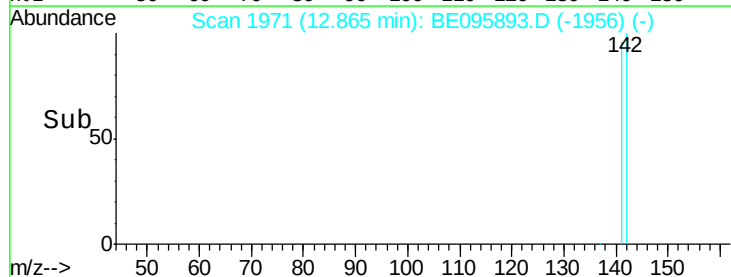
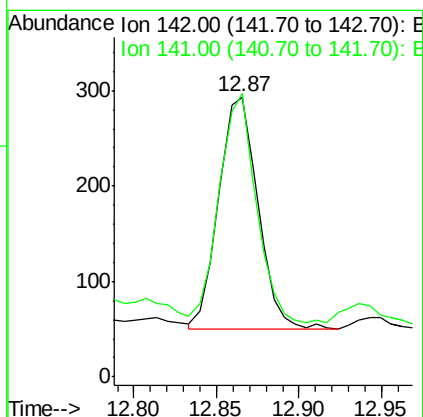
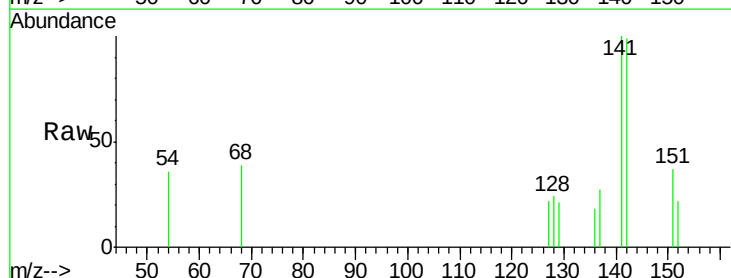
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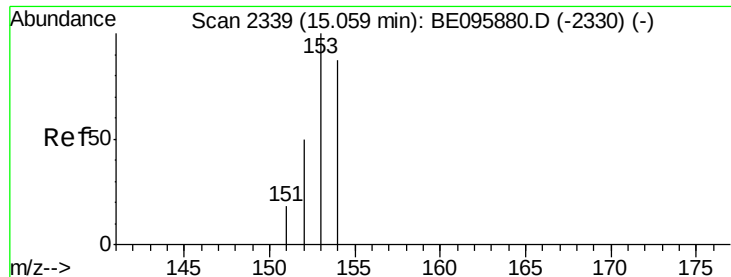
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#5
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.87 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BE095893.D
Acq: 29 Mar 2018 00:53

Tgt Ion:142 Resp: 402
Ion Ratio Lower Upper
142 100
141 92.5 72.6 108.8





#8

Acenaphthene

Concen: 0.024 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095893.D

Acq: 29 Mar 2018 00:53

Instrument :

BNA_E

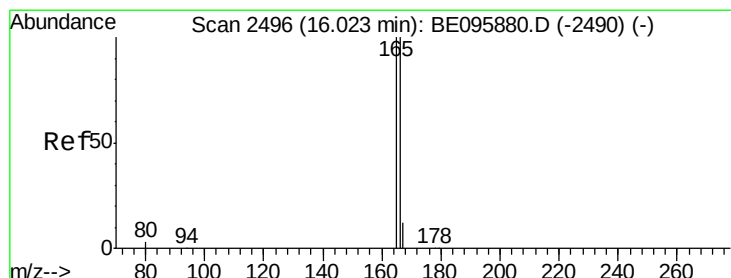
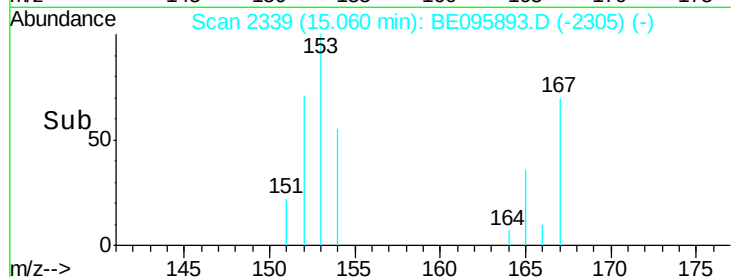
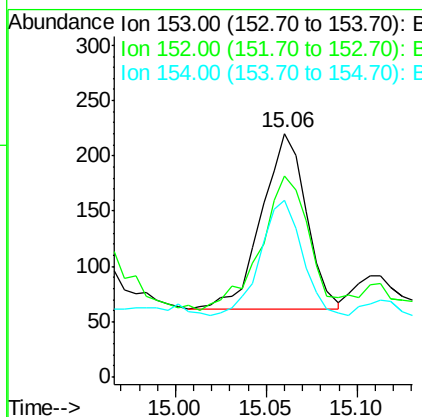
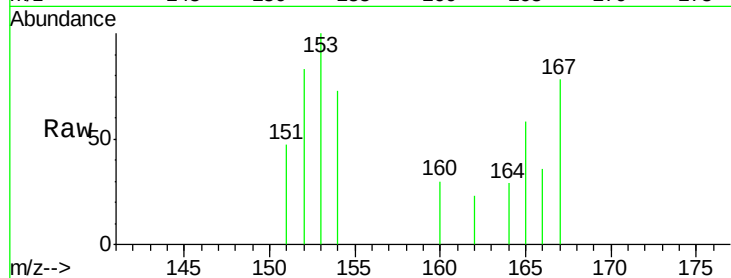
ClientSampleId :

C0AT9

Tot Ion:153	Resp:	274
Ion Ratio	Lower	Upper
153	100	
152	82.7	36.0 54.0#
154	72.7	72.0 108.0

Manual Integrations
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#9

Fluorene

Concen: 0.026 ng/ul

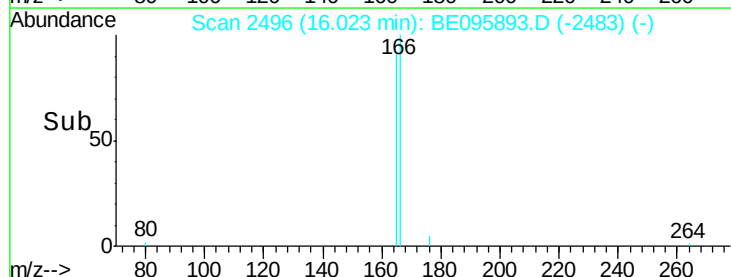
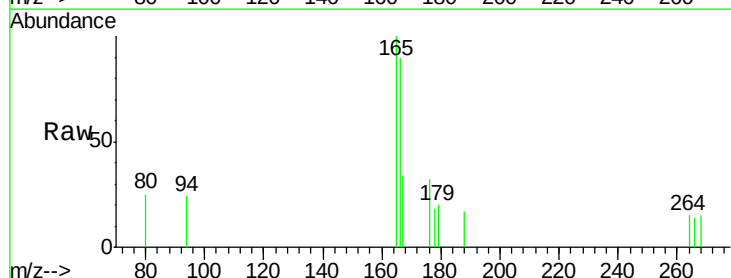
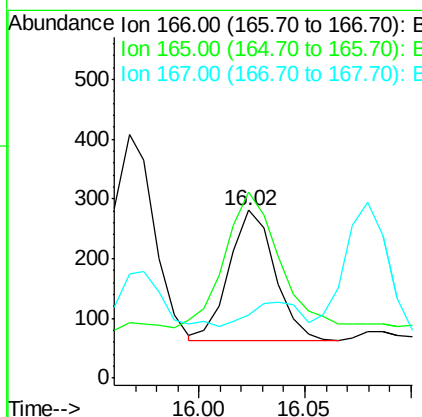
RT: 16.02 min Scan# 2496

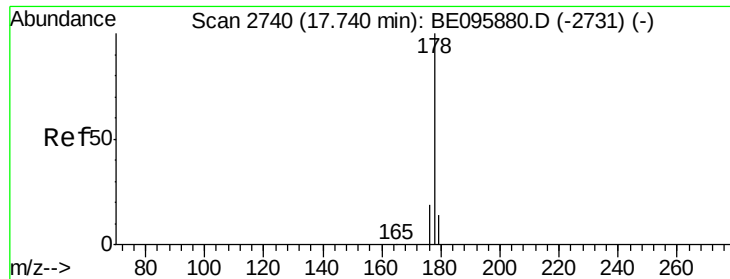
Delta R.T. 0.00 min

Lab File: BE095893.D

Acq: 29 Mar 2018 00:53

Tgt Ion:166	Resp:	328
Ion Ratio	Lower	Upper
166	100	
165	110.7	73.4 110.2#
167	37.4	14.6 22.0#





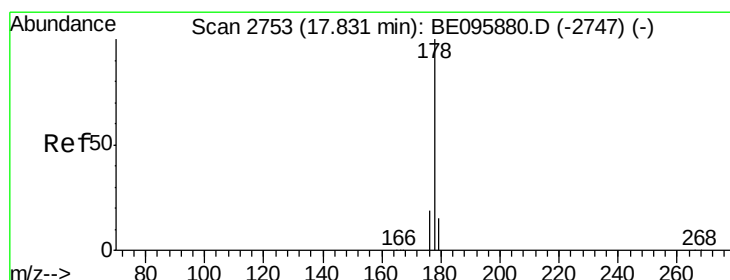
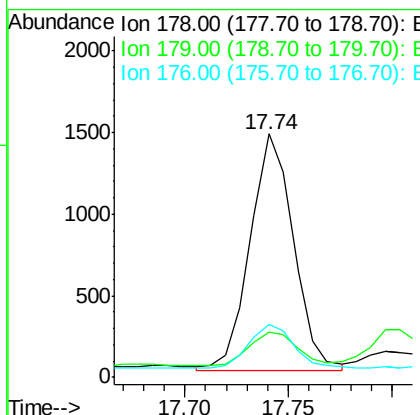
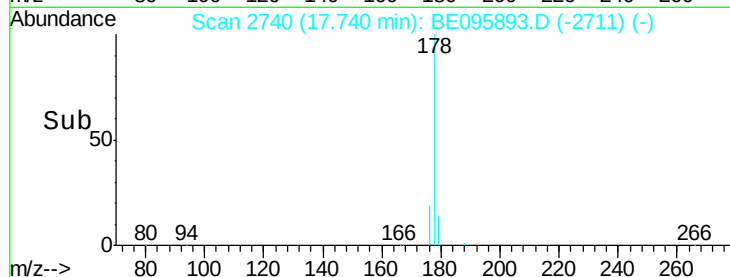
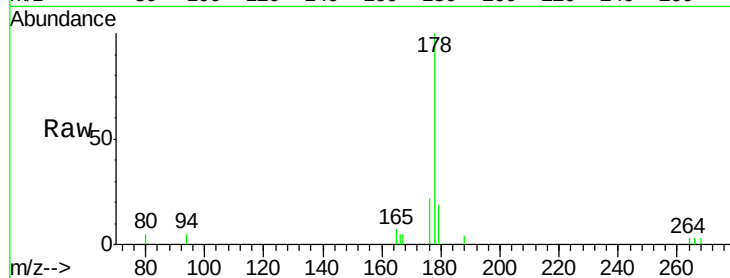
#12
Phenanthrene
Concen: 0.096 ng/ul m
RT: 17.74 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BE095893.D
Acq: 29 Mar 2018 00:53

Instrument :
BNA_E
ClientSampleId :
C0AT9

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.6	18.4	27.6
176	21.7	13.6	20.4

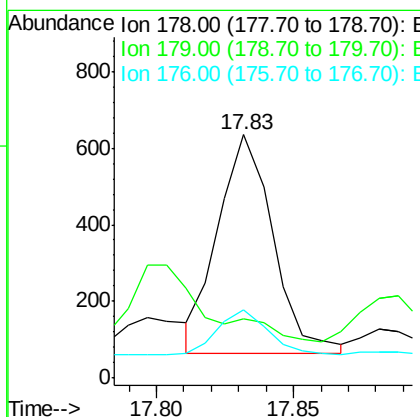
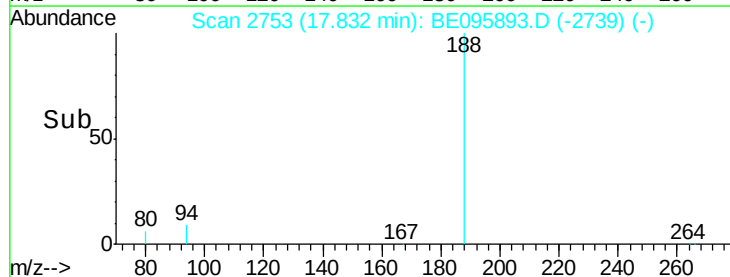
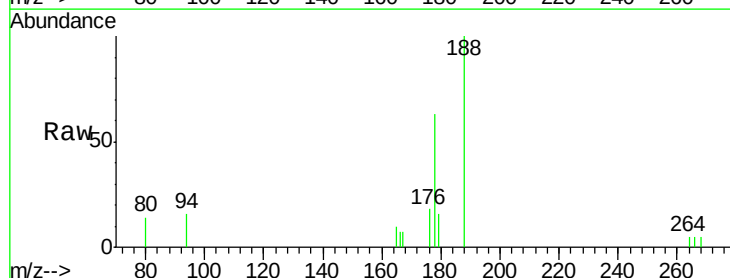
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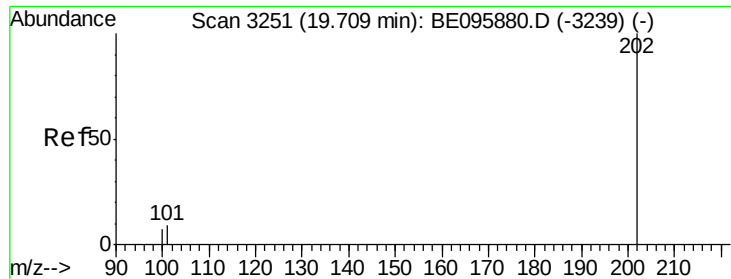
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#13
Anthracene
Concen: 0.038 ng/ul m
RT: 17.83 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BE095893.D
Acq: 29 Mar 2018 00:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.6	18.1	27.1
176	27.9	14.7	22.1





#15

Fluoranthene

Concen: 0.150 ng/ul m

RT: 19.71 min Scan# 3251

Delta R.T. 0.00 min

Lab File: BE095893.D

Acq: 29 Mar 2018 00:53

Instrument :

BNA_E

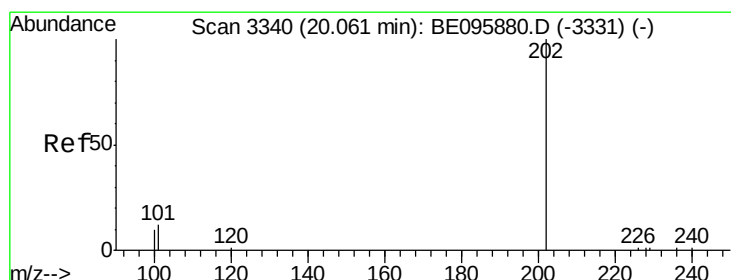
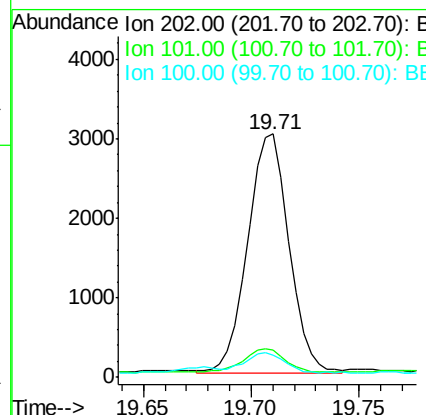
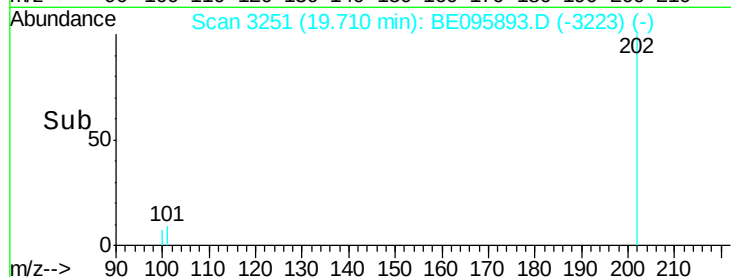
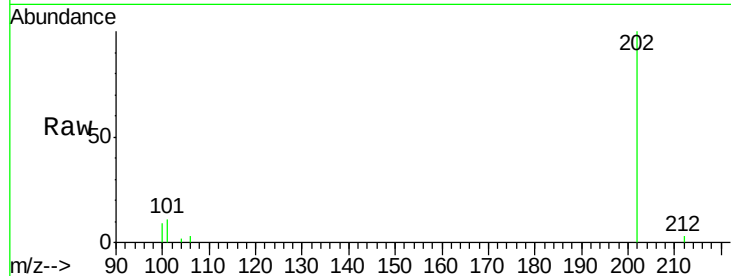
ClientSampled :

C0AT9

Tot Ion:	202	Resp:	4002
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.3
100	8.9	0.0	39.5

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#17

Pyrene

Concen: 0.194 ng/ul

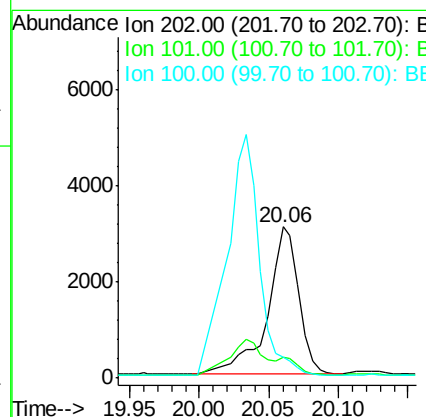
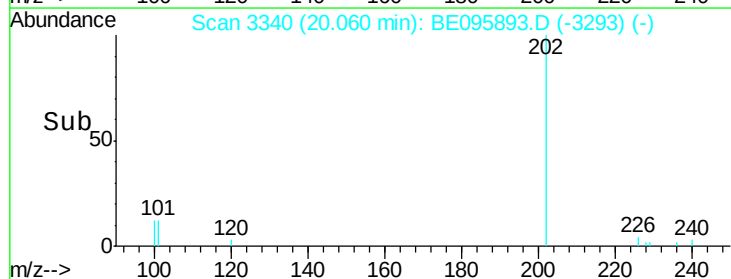
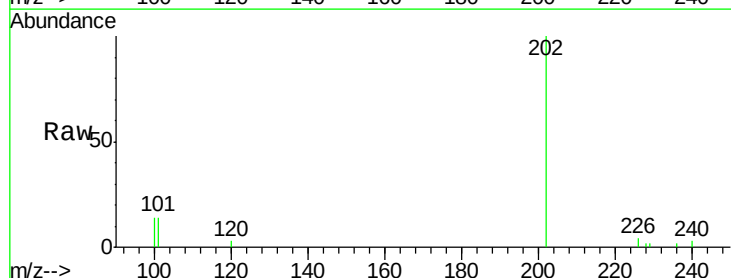
RT: 20.06 min Scan# 3340

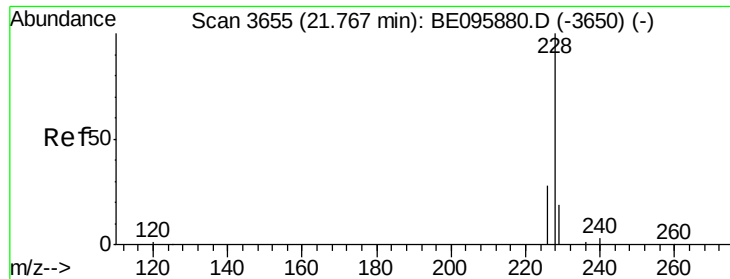
Delta R.T. -0.00 min

Lab File: BE095893.D

Acq: 29 Mar 2018 00:53

Tgt Ion:	202	Resp:	5612
Ion Ratio	Lower	Upper	
202	100		
101	13.7	18.2	27.4#
100	13.7	15.6	23.4#





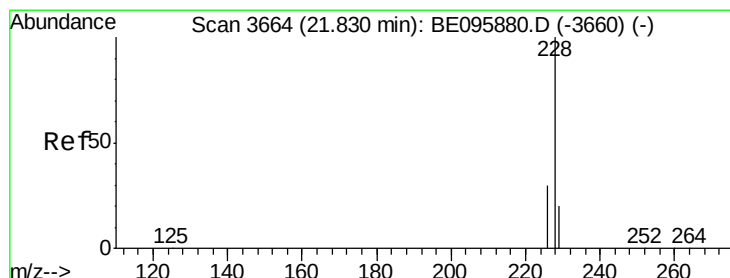
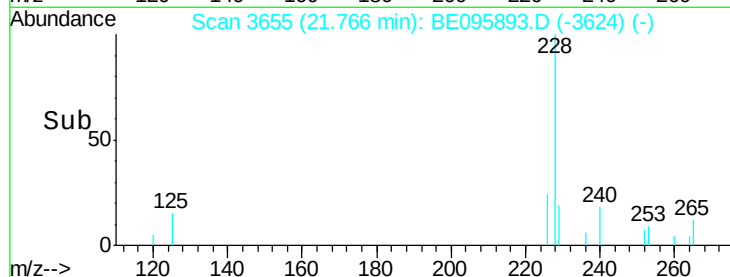
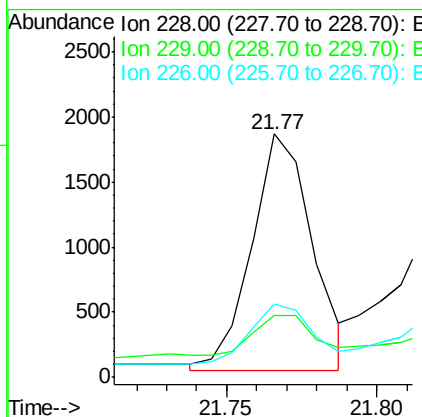
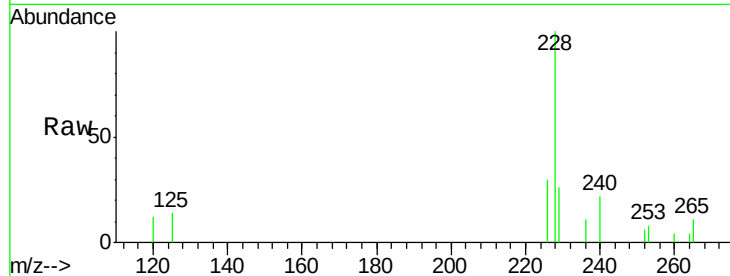
#18
Benzo(a)anthracene
Concen: 0.104 ng/ul m
RT: 21.77 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BE095893.D
Acq: 29 Mar 2018 00:53

Instrument :
BNA_E
ClientSampleId :
C0AT9

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.6	22.8	34.2
226	30.1	17.0	25.6#

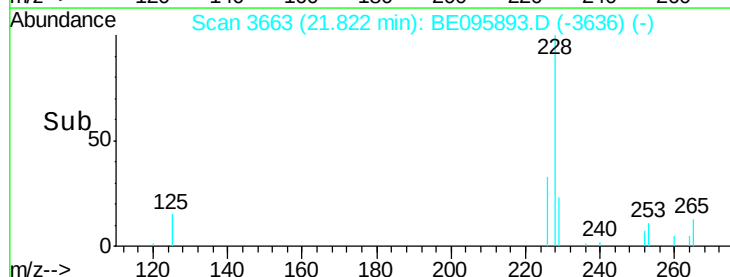
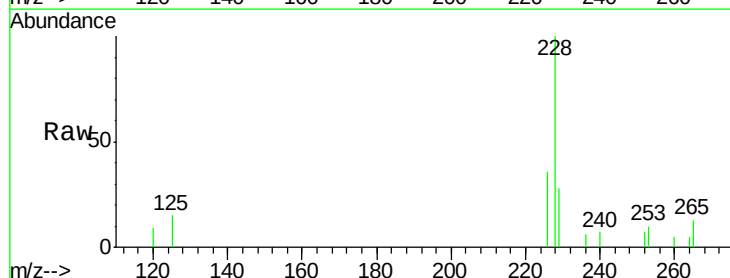
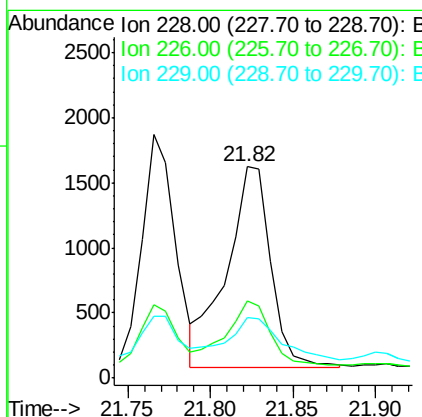
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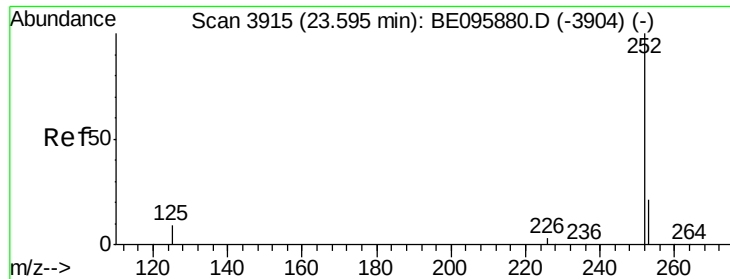
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#19
Chrysene
Concen: 0.116 ng/ul m
RT: 21.82 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BE095893.D
Acq: 29 Mar 2018 00:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.3	23.4	35.0#
229	28.4	17.7	26.5#





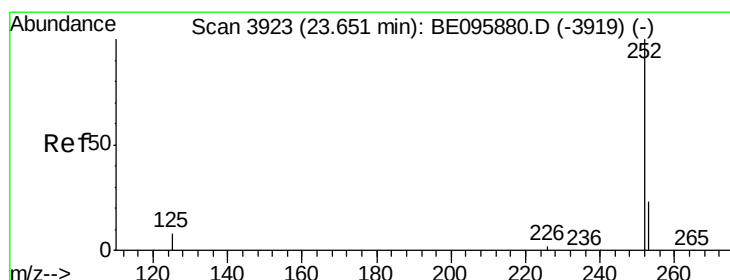
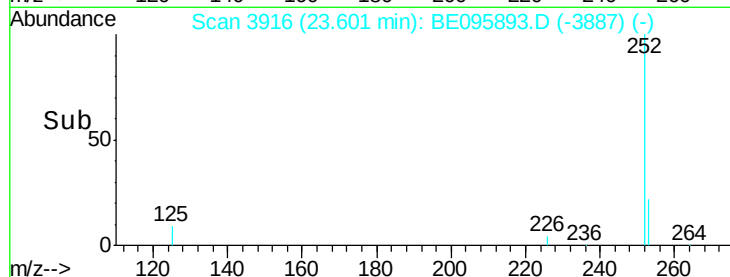
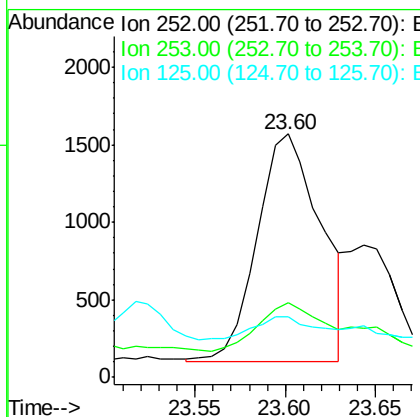
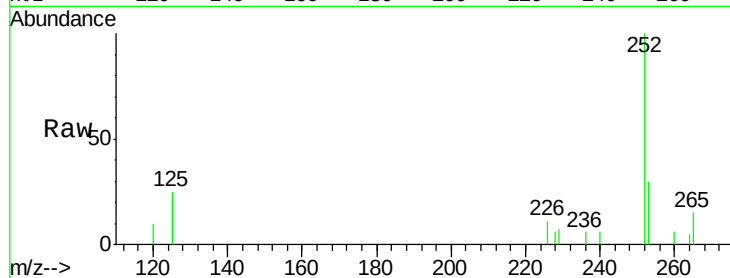
#21
Benzo(b)fluoranthene
Concen: 0.130 ng/ul m
RT: 23.60 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BE095893.D
Acq: 29 Mar 2018 00:53

Instrument :
BNA_E
ClientSampleId :
C0AT9

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.4	0.0	64.2
125	24.6	0.0	35.0

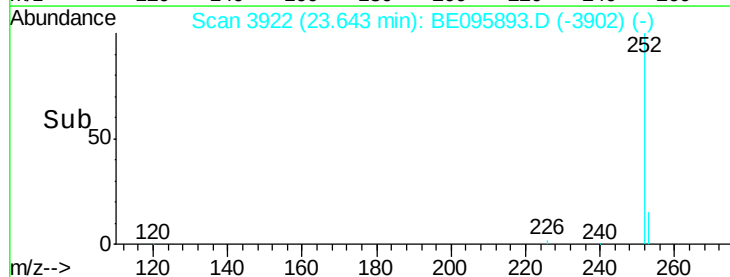
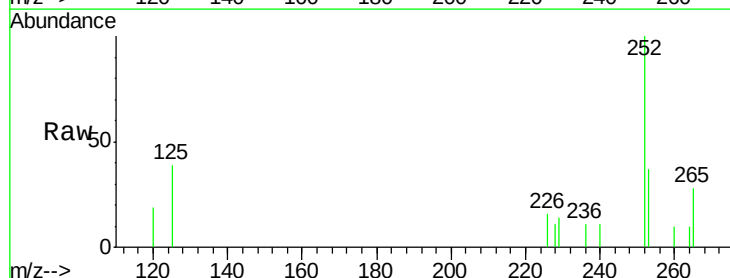
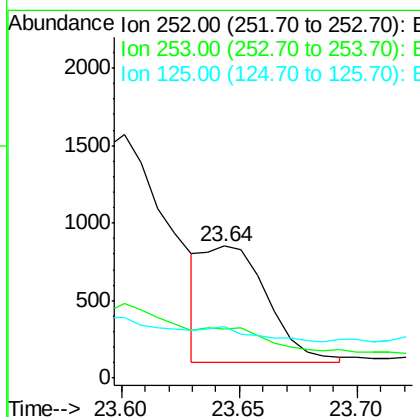
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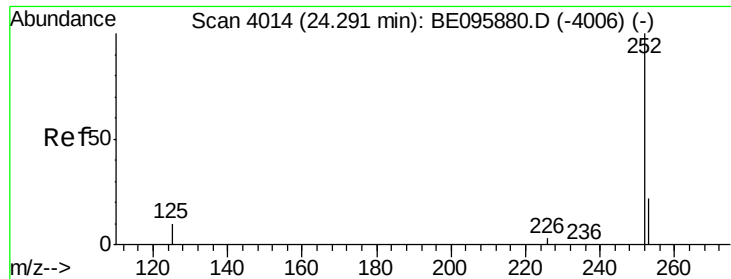
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#22
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 23.64 min Scan# 3922
Delta R.T. -0.01 min
Lab File: BE095893.D
Acq: 29 Mar 2018 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.4	24.5	36.7#
125	38.6	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.107 ng/ul

RT: 24.30 min Scan# 4015

Delta R.T. 0.01 min

Lab File: BE095893.D

Acq: 29 Mar 2018 00:53

Instrument :

BNA_E

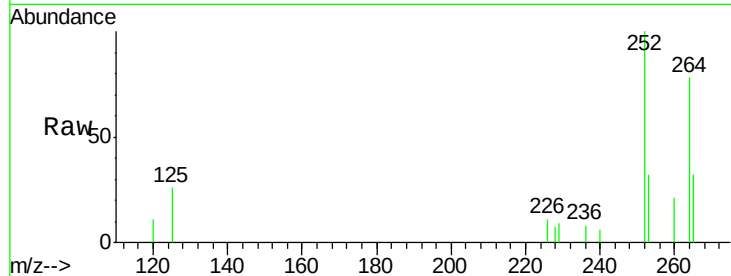
ClientSampleId :

C0AT9

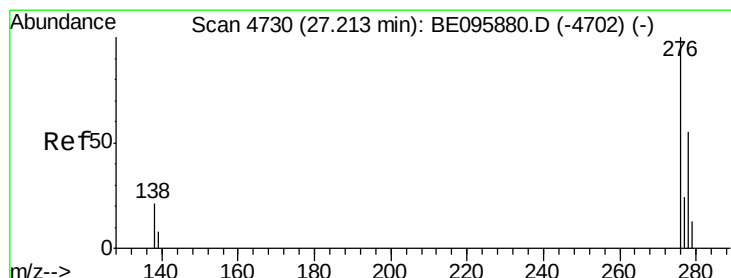
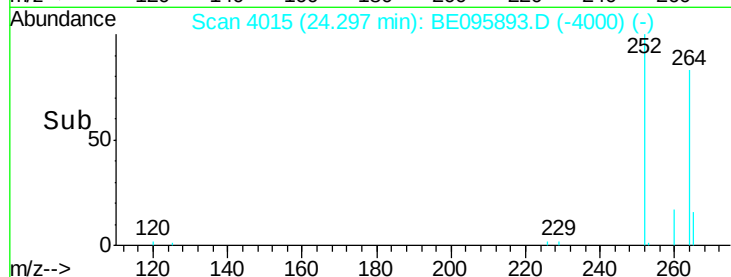
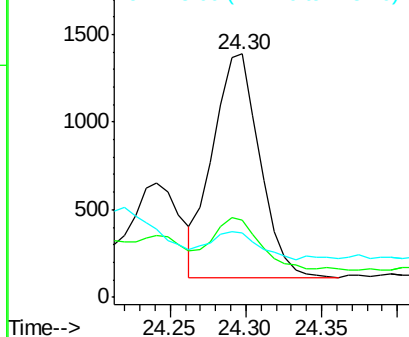
Tot Ion:	252	Resp:	2748
Ion Ratio	Lower	Upper	
252	100		
253	31.6	28.5	42.7
125	26.2	18.1	27.1

Manual Integrations
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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.068 ng/ul

RT: 27.21 min Scan# 4730

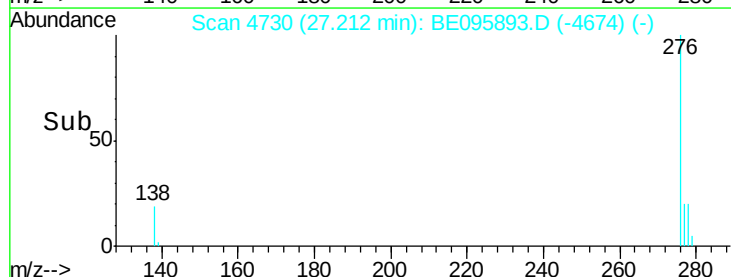
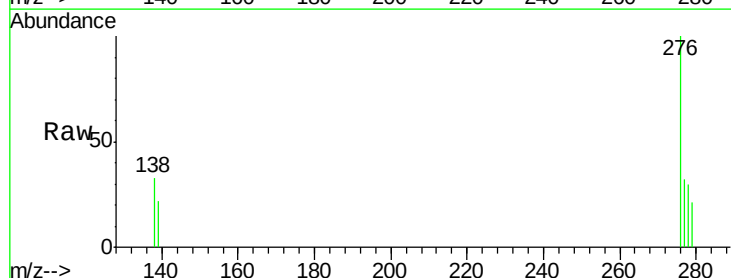
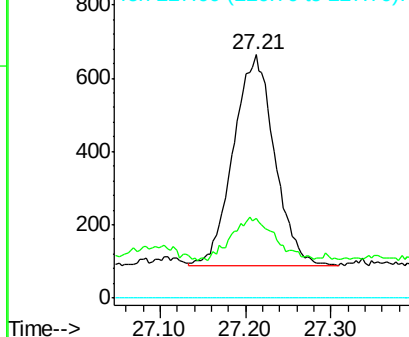
Delta R.T. -0.00 min

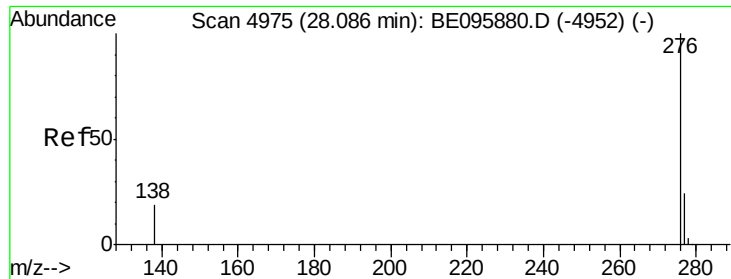
Lab File: BE095893.D

Acq: 29 Mar 2018 00:53

Tgt Ion:	276	Resp:	1941
Ion Ratio	Lower	Upper	
276	100		
138	21.3	28.0	42.0#
227	0.0	8.0	12.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 0.085 ng/ul
 RT: 28.08 min Scan# 4973
 Delta R.T. -0.01 min
 Lab File: BE095893.D
 Acq: 29 Mar 2018 00:53

Instrument :
 BNA_E
 ClientSampleId :
 C0AT9

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	21.8	32.8
277	32.0	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:18:32 PM

