

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
 Data File : BE095909.D
 Acq On : 29 Mar 2018 11:26
 Operator : SJ/JU
 Sample : J2060-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 C0AS8DL

Manual Integrations
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Quant Time: Mar 29 17:31:12 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 16:32:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1679	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4933	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3012	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6686	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6769	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	7002	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	250	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	673	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.29	128	15975	1.160	ng/ul#	88
5) 2-Methylnaphthalene	12.87	142	13161	1.375	ng/ul	99
9) Fluorene	16.03	166	736	0.059	ng/ul#	84
12) Phenanthrene	17.75	178	25767	1.287	ng/ul#	88
13) Anthracene	17.84	178	829	0.044	ng/ul#	93
15) Fluoranthene	19.71	202	4854	0.200	ng/ul	85
17) Pyrene	20.07	202	24809	0.965	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	8055	0.369	ng/ul#	88
19) Chrysene	21.83	228	18265	0.821	ng/ul	96
21) Benzo(b)fluoranthene	23.61	252	8400m	0.346	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	1037m	0.045	ng/ul	
23) Benzo(a)pyrene	24.30	252	7332	0.331	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	27.23	276	3758	0.153	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.24	278	2764	0.141	ng/ul#	74
26) Benzo(g,h,i)perylene	28.11	276	9630	0.457	ng/ul	93

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

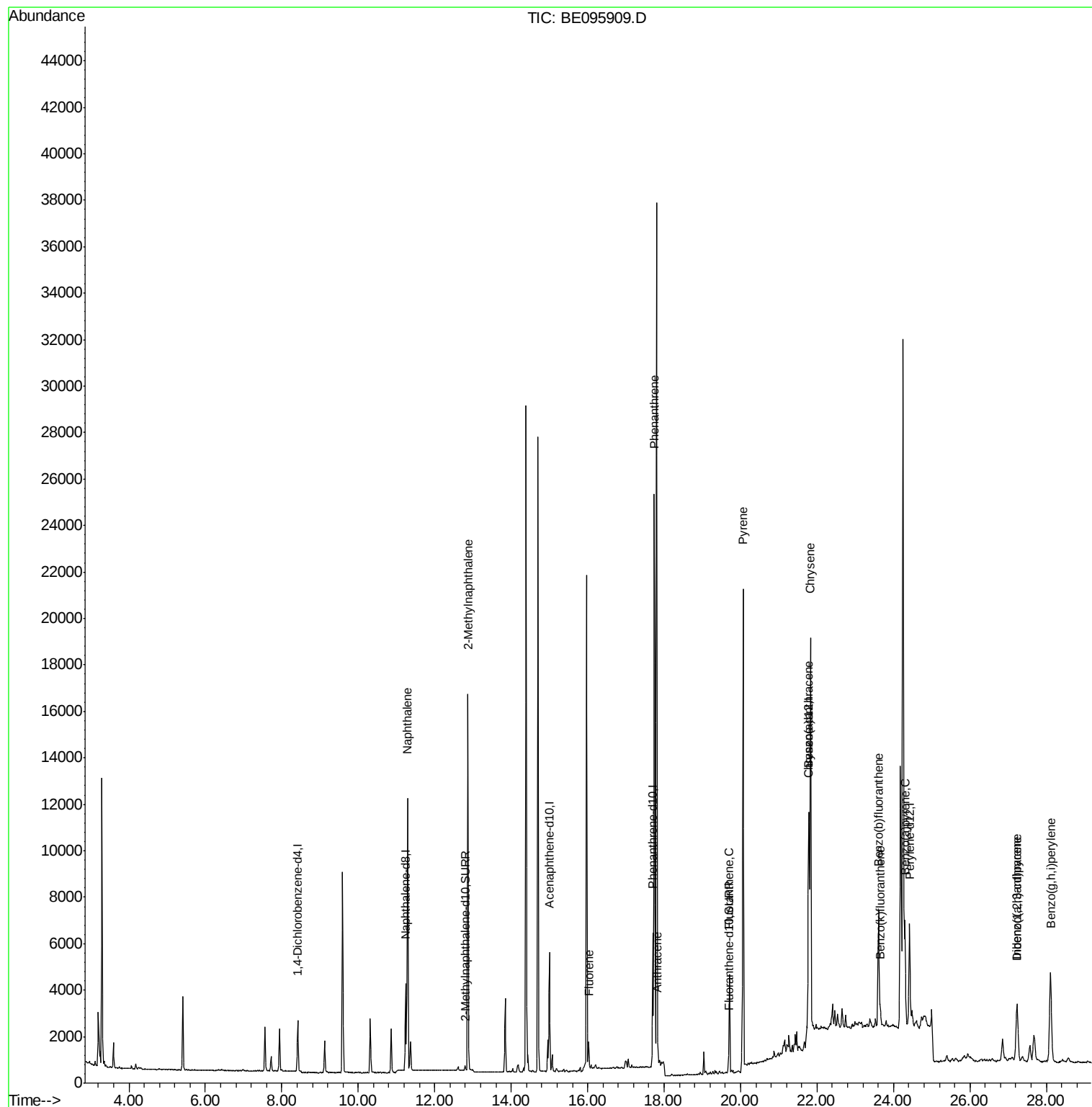
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
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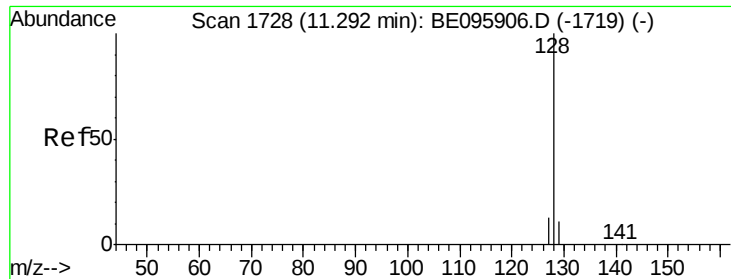
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
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#3

Naphthalene

Concen: 1.160 ng/ul

RT: 11.29 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BE095909.D

Acq: 29 Mar 2018 11:26

Instrument :

BNA_E

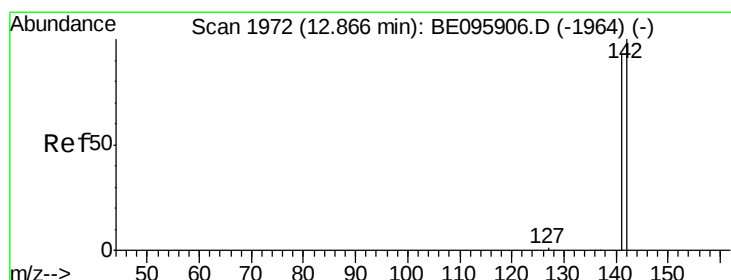
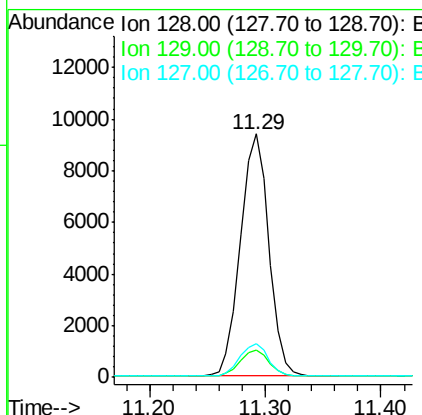
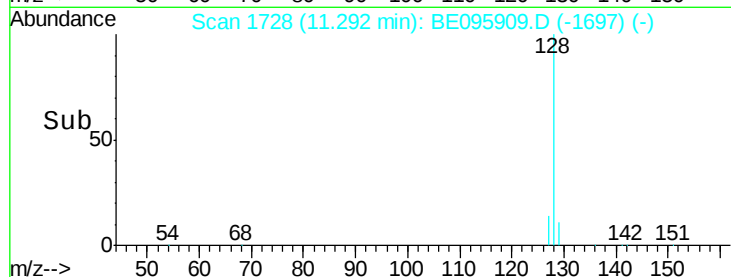
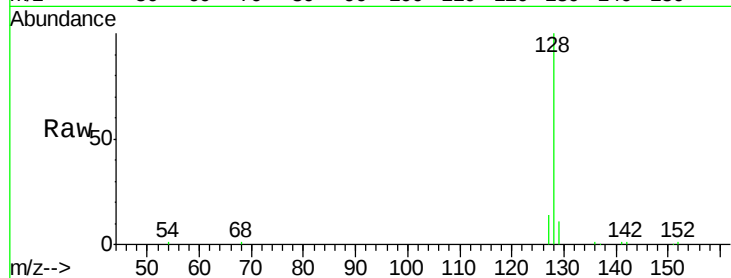
ClientSampleId :

C0AS8DL

Tgt 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: 1.375 ng/ul

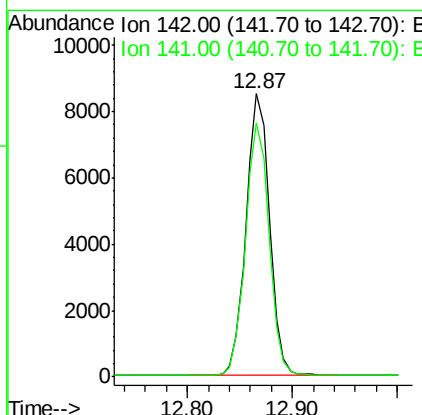
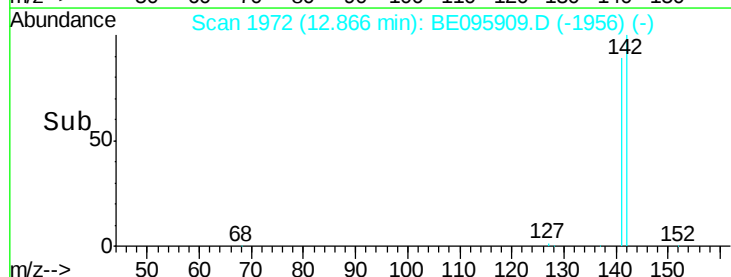
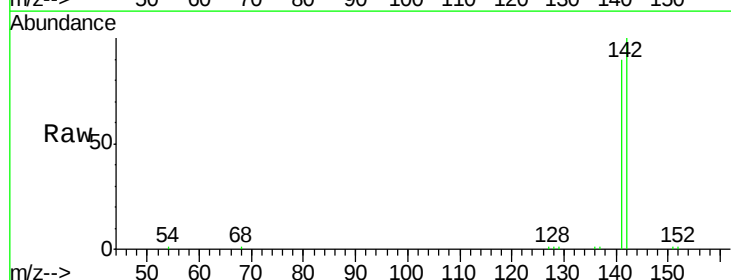
RT: 12.87 min Scan# 1972

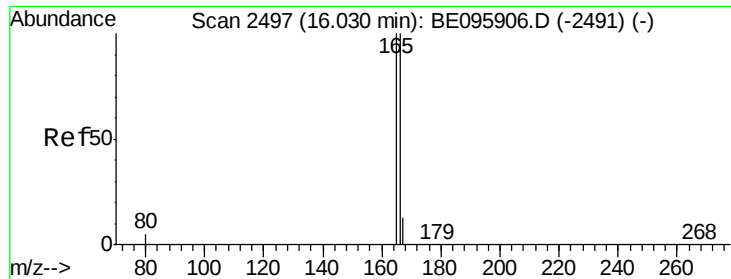
Delta R.T. 0.00 min

Lab File: BE095909.D

Acq: 29 Mar 2018 11:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8





#9

Fluorene

Concen: 0.059 ng/ul

RT: 16.03 min Scan# 2498

Delta R.T. 0.01 min

Lab File: BE095909.D

Acq: 29 Mar 2018 11:26

Instrument :

BNA_E

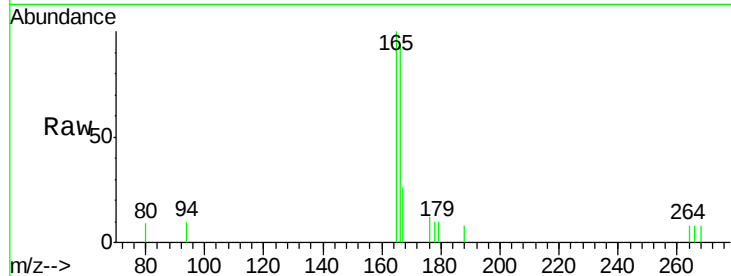
ClientSampleId :

C0AS8DL

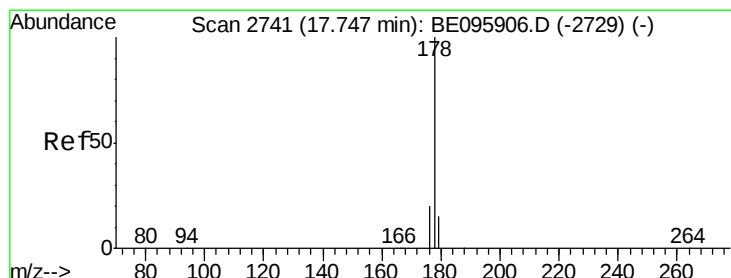
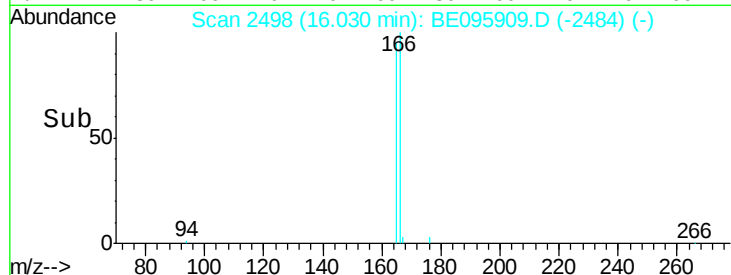
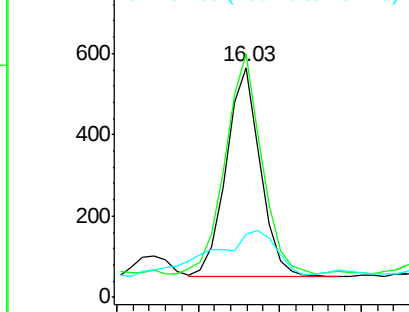
Tgt Ion:	166	Resp:	736
Ion Ratio	Lower	Upper	
166	100		
165	105.8	73.4	110.2
167	27.4	14.6	22.0#

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 1.287 ng/ul

RT: 17.75 min Scan# 2742

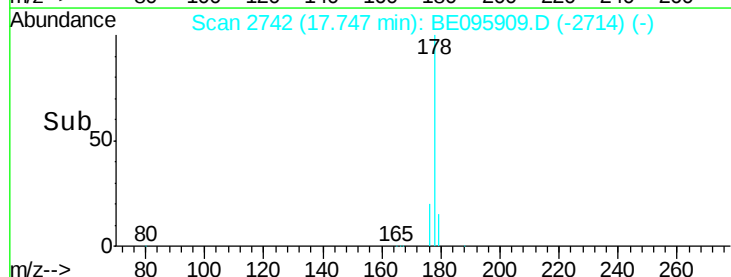
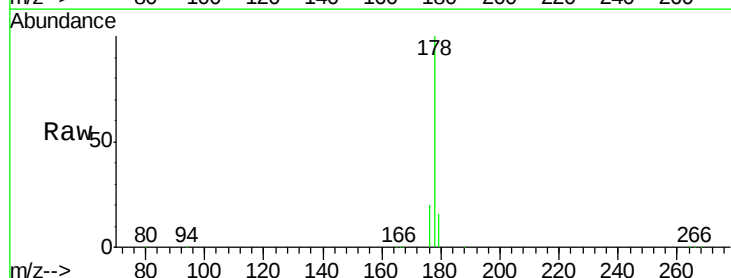
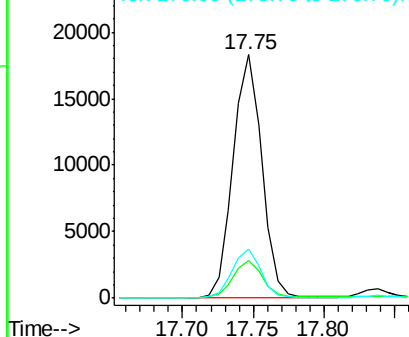
Delta R.T. 0.00 min

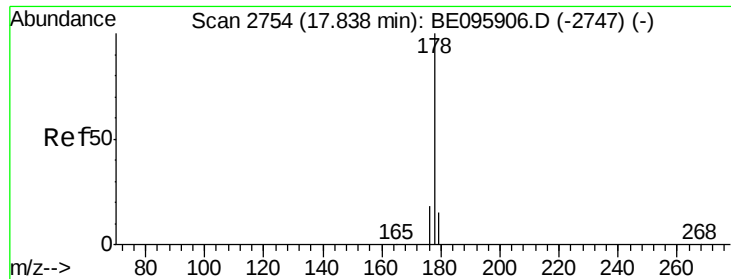
Lab File: BE095909.D

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Tgt Ion:	178	Resp:	25767
Ion Ratio	Lower	Upper	
178	100		
179	15.6	18.4	27.6#
176	19.9	13.6	20.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





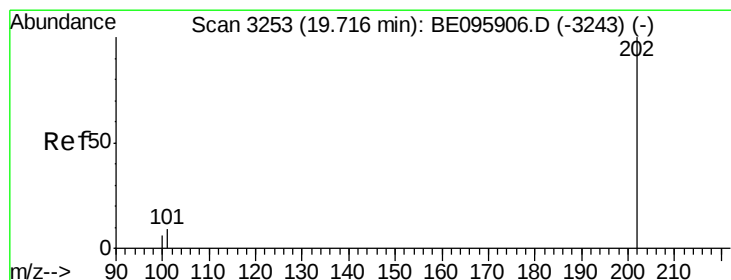
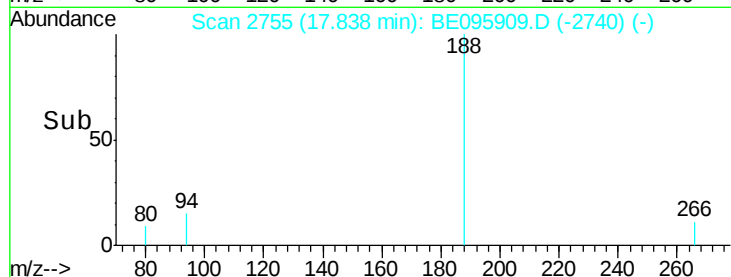
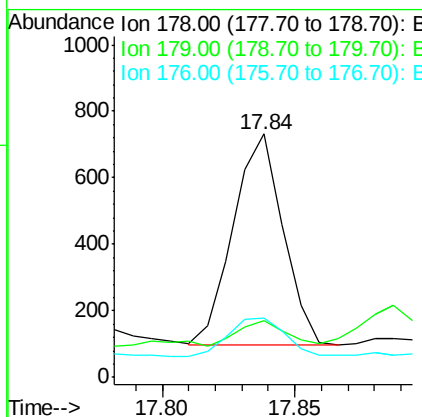
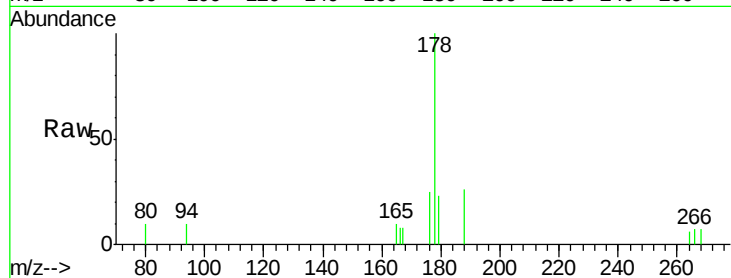
#13
 Anthracene
 Concen: 0.044 ng/ul
 RT: 17.84 min Scan# 2754
 Delta R.T. 0.01 min
 Lab File: BE095909.D
 Acq: 29 Mar 2018 11:26

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.5	18.1	27.1
176	24.6	14.7	22.1

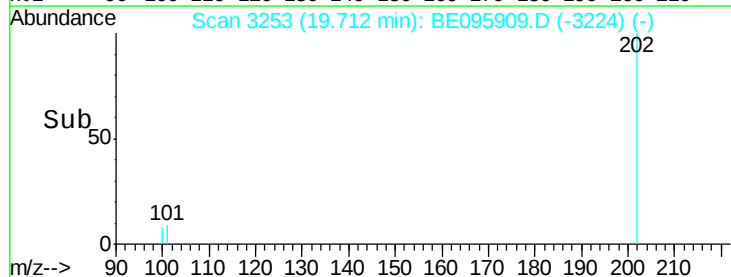
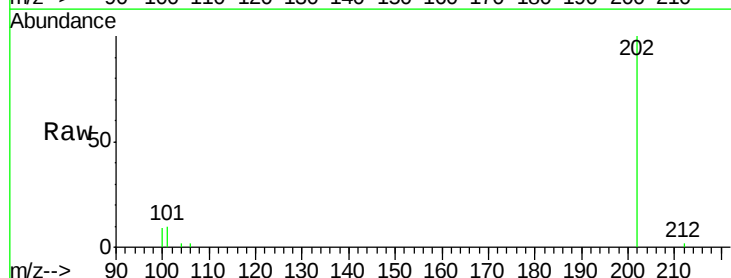
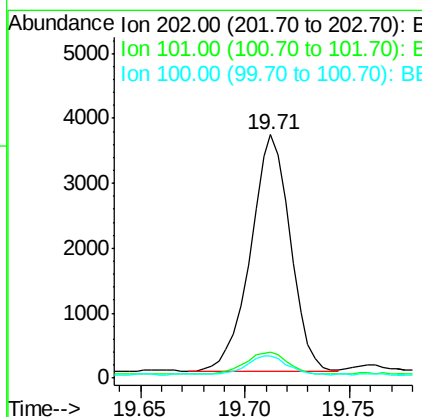
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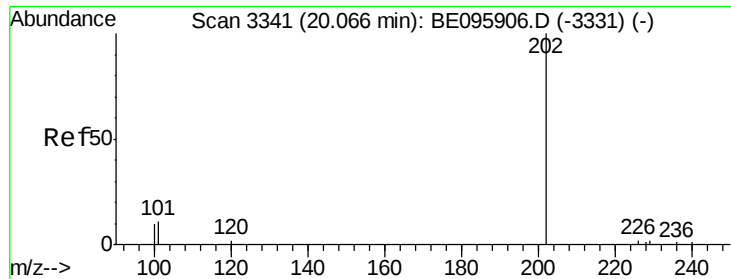
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#15
 Fluoranthene
 Concen: 0.200 ng/ul
 RT: 19.71 min Scan# 3253
 Delta R.T. 0.00 min
 Lab File: BE095909.D
 Acq: 29 Mar 2018 11:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.9	0.0	39.5





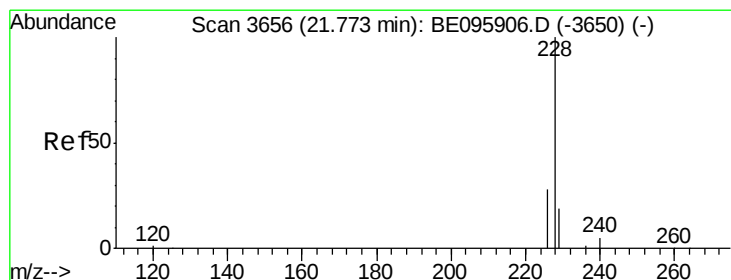
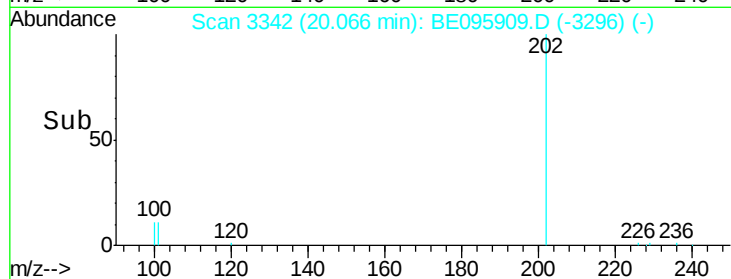
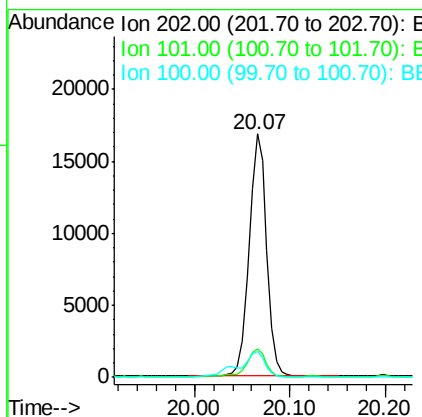
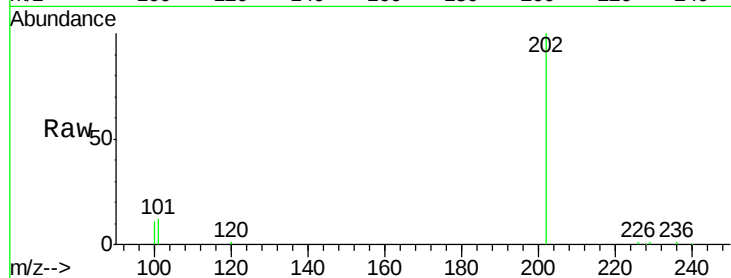
#17
Pyrene
 Concen: 0.965 ng/ul
 RT: 20.07 min Scan# 3342
 Delta R.T. 0.00 min
 Lab File: BE095909.D
 Acq: 29 Mar 2018 11:26

Instrument :
 BNA_E
 ClientSampleId :
 C0AS8DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	24809		
101	11.7	18.2	27.4#	
100	10.8	15.6	23.4#	

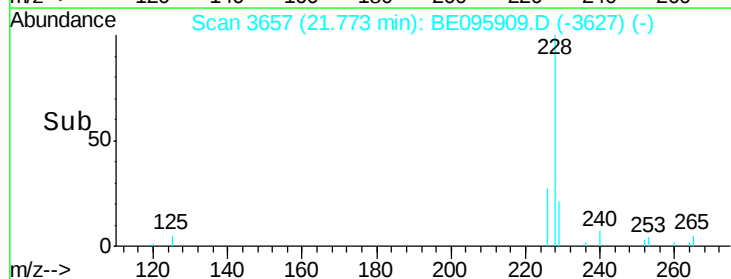
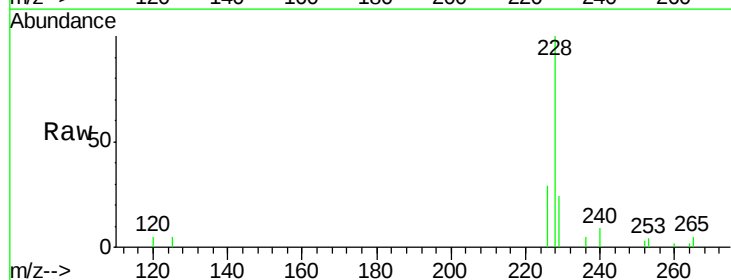
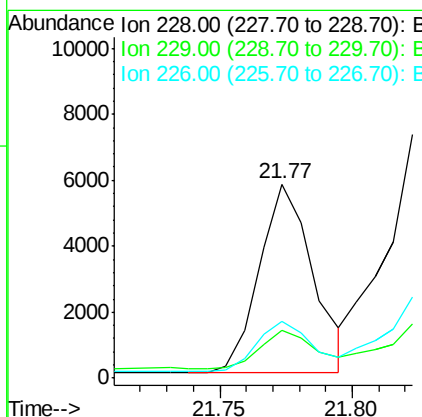
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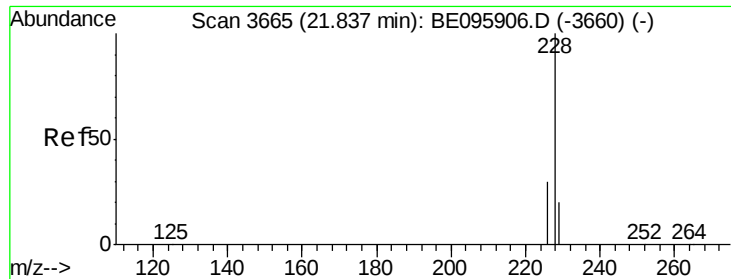
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#18
Benzo(a)anthracene
 Concen: 0.369 ng/ul
 RT: 21.77 min Scan# 3657
 Delta R.T. -0.00 min
 Lab File: BE095909.D
 Acq: 29 Mar 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	8055		
229	24.3	22.8	34.2	
226	29.5	17.0	25.6#	





#19

Chrysene

Concen: 0.821 ng/ul

RT: 21.83 min Scan# 3665

Delta R.T. -0.00 min

Lab File: BE095909.D

Acq: 29 Mar 2018 11:26

Instrument :

BNA_E

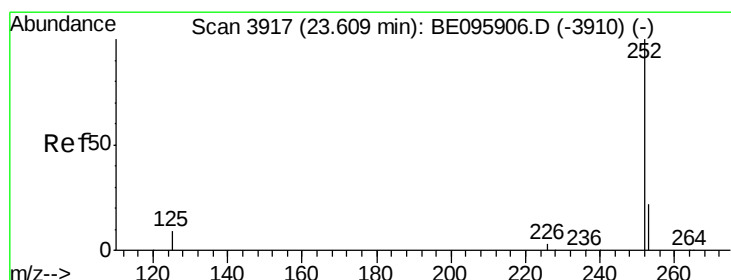
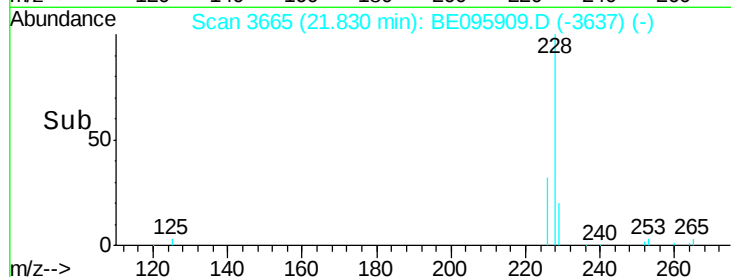
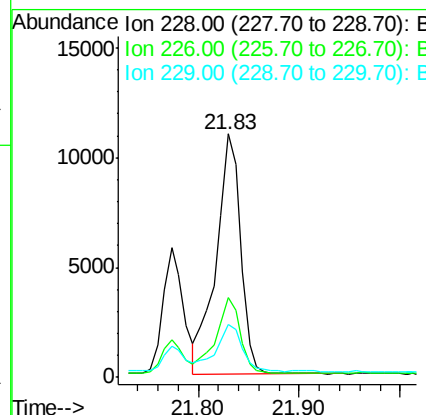
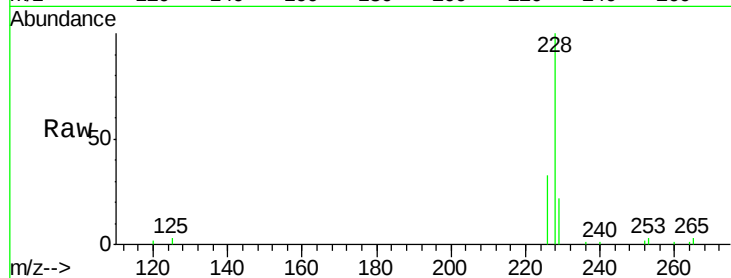
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Tgt Ion:	228	Resp:	18265
Ion Ratio	Lower	Upper	
228	100		
226	32.7	23.4	35.0
229	21.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.346 ng/ul m

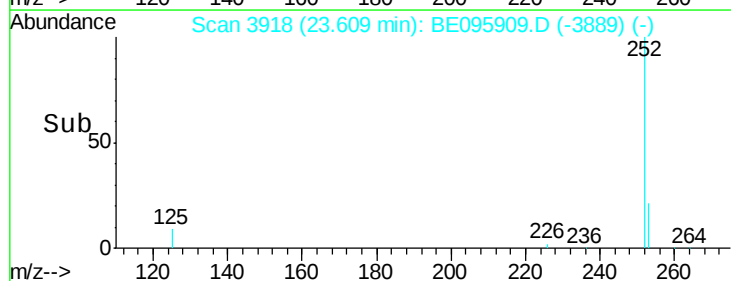
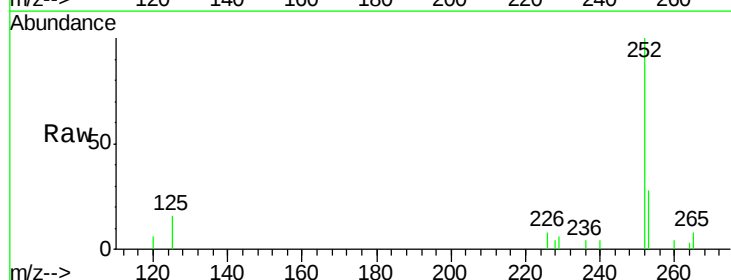
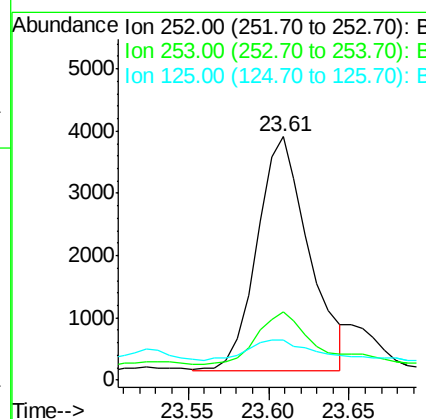
RT: 23.61 min Scan# 3918

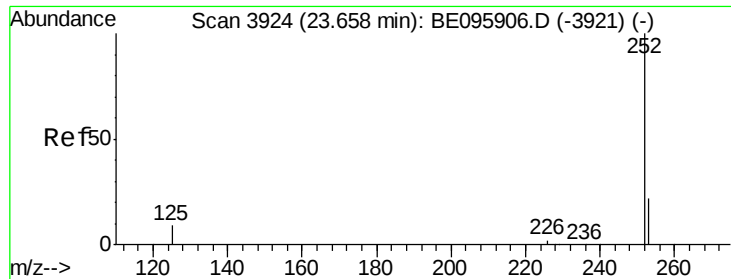
Delta R.T. 0.01 min

Lab File: BE095909.D

Acq: 29 Mar 2018 11:26

Tgt Ion:	252	Resp:	8400
Ion Ratio	Lower	Upper	
252	100		
253	28.0	0.0	64.2
125	16.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.045 ng/ul m

RT: 23.65 min Scan# 3924

Delta R.T. -0.00 min

Lab File: BE095909.D

Acq: 29 Mar 2018 11:26

Instrument :

BNA_E

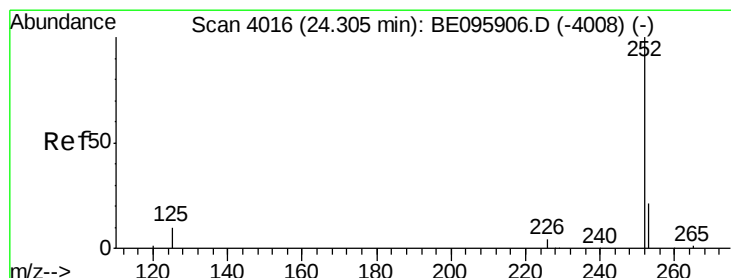
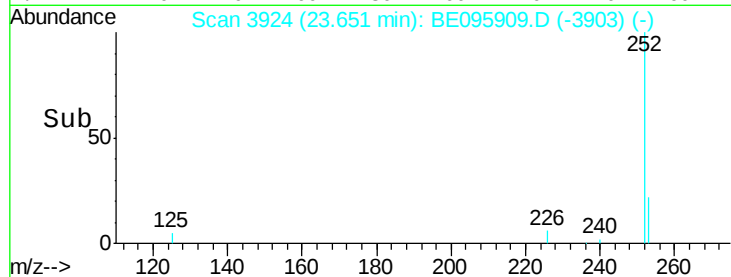
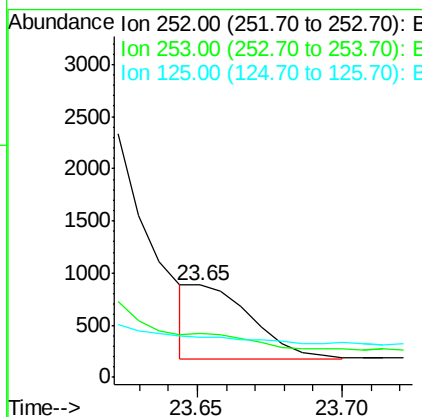
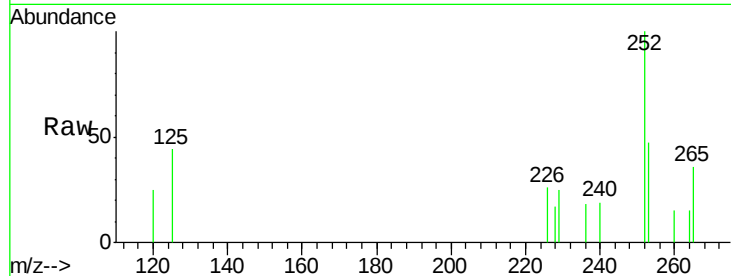
ClientSampleId :

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Tgt Ion:	252	Resp:	1037
Ion Ratio	Lower	Upper	
252	100		
253	47.5	24.5	36.7#
125	43.7	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.331 ng/ul

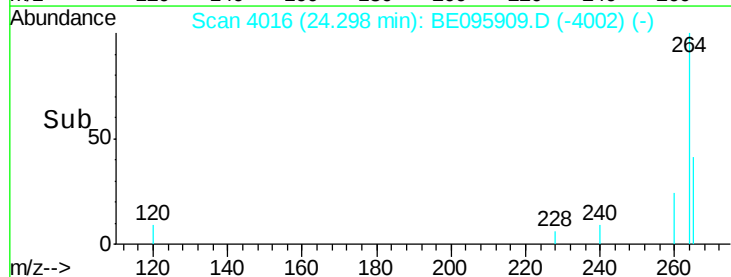
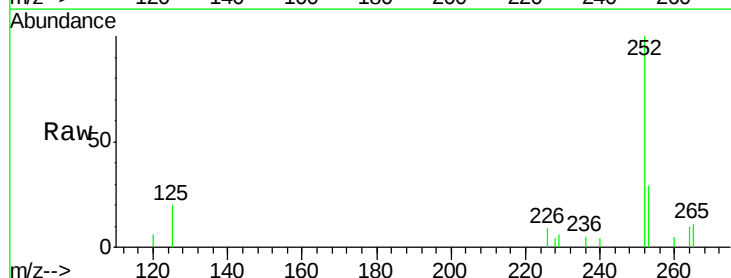
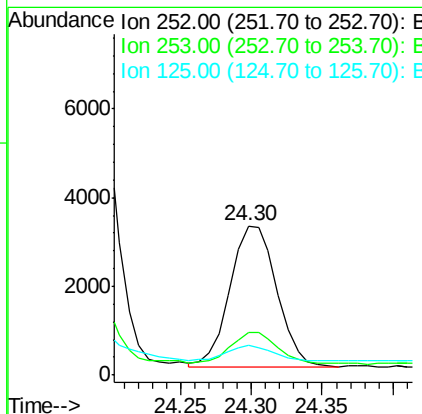
RT: 24.30 min Scan# 4016

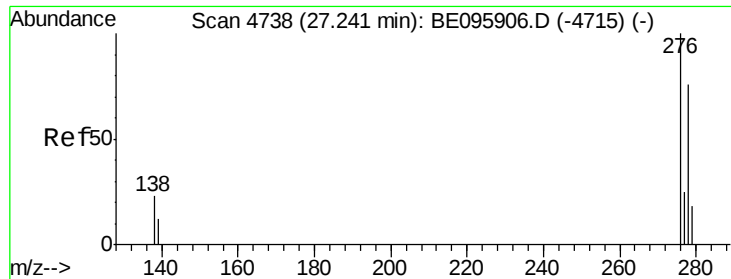
Delta R.T. -0.00 min

Lab File: BE095909.D

Acq: 29 Mar 2018 11:26

Tgt Ion:	252	Resp:	7332
Ion Ratio	Lower	Upper	
252	100		
253	28.8	28.5	42.7
125	20.0	18.1	27.1





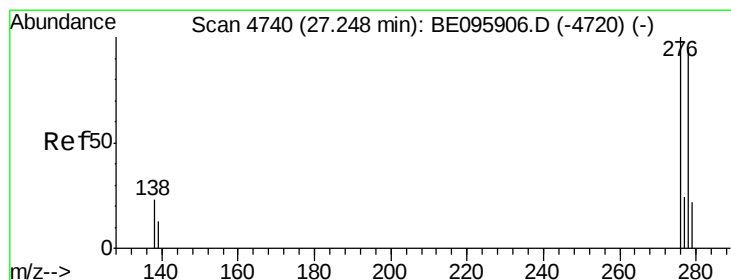
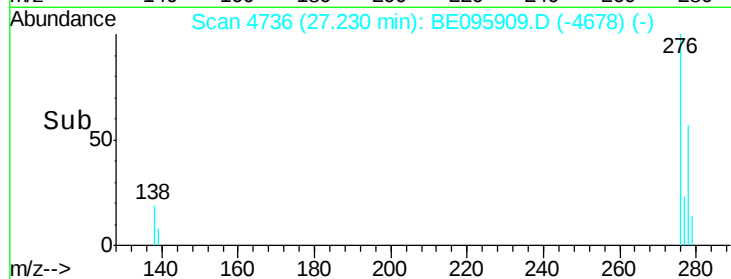
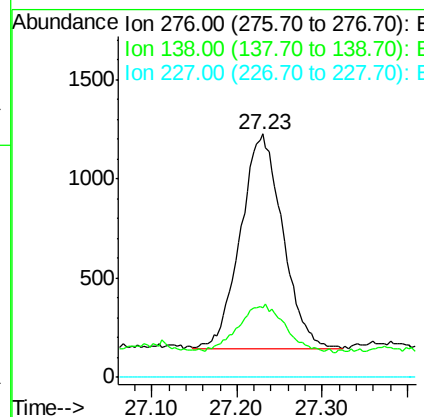
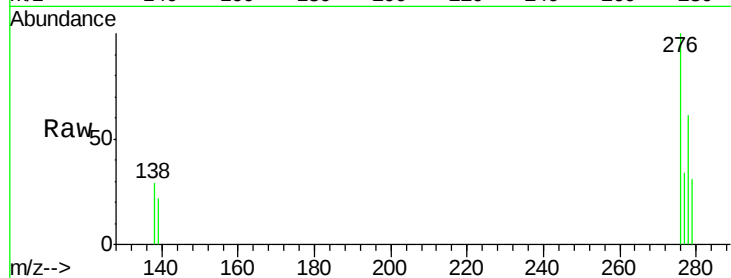
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.153 ng/u1
 RT: 27.23 min Scan# 4736
 Delta R.T. 0.01 min
 Lab File: BE095909.D
 Acq: 29 Mar 2018 11:26

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Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	28.0	42.0#
227	0.0	8.0	12.0#

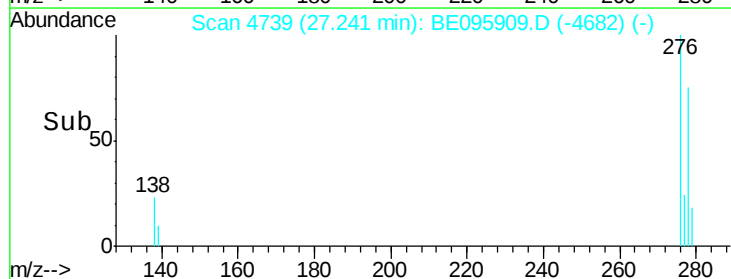
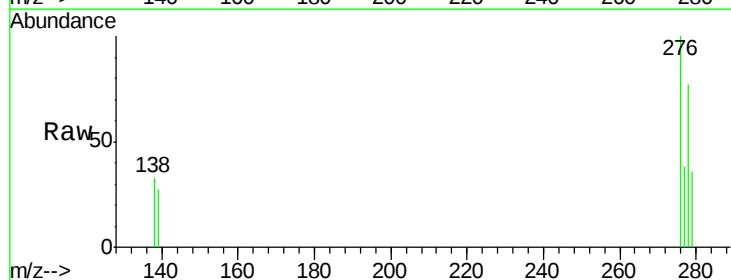
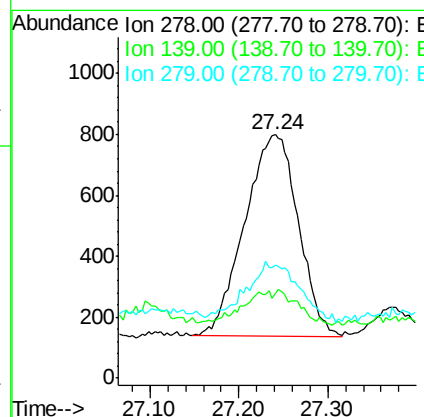
Manual Integrations
 APPROVED

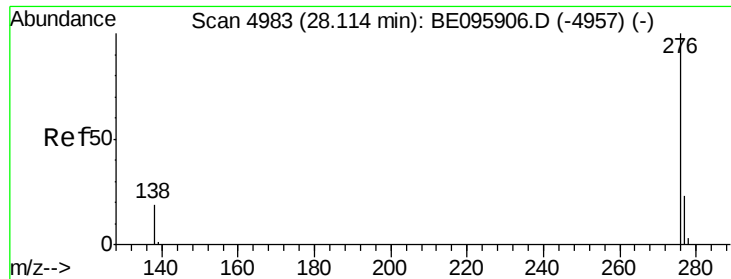
Sohil
 3/29/2018 6:44:57 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.141 ng/u1
 RT: 27.24 min Scan# 4739
 Delta R.T. 0.00 min
 Lab File: BE095909.D
 Acq: 29 Mar 2018 11:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.8	17.4	26.0#
279	46.6	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.457 ng/ul

RT: 28.11 min Scan# 4982

Delta R.T. 0.02 min

Lab File: BE095909.D

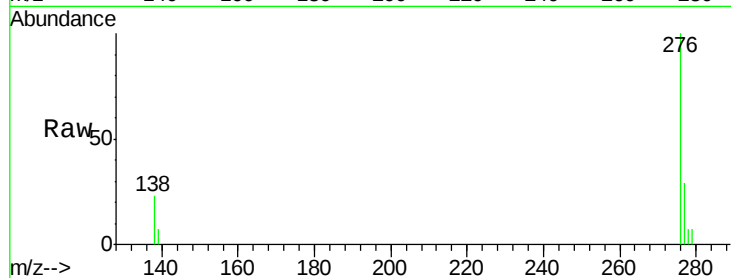
Acq: 29 Mar 2018 11:26

Instrument :

BNA_E

ClientSampleId :

C0AS8DL



Tgt Ion:	276	Resp:	9630
Ion Ratio	Lower	Upper	
276	100		
138	23.0	21.8	32.8
277	28.6	20.5	30.7

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