

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095785.D
 Acq On : 15 Mar 2018 3:44
 Operator : SJ/JU
 Sample : J1813-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F29

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Quant Time: Mar 20 16:09:41 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 15 05:35:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	2033	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	6158	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3847	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7910m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7485m	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	8732	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	3122	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7518m	0.30	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.30	128	1512	0.088	ng/ul#	87
5) 2-Methylnaphthalene	12.88	142	1945	0.163	ng/ul	99
7) Acenaphthylene	14.74	152	2846	0.147	ng/ul	96
12) Phenanthrene	17.75	178	12583m	0.531	ng/ul	
13) Anthracene	17.85	178	1597m	0.072	ng/ul	
15) Fluoranthene	19.72	202	36180m	1.261	ng/ul	
17) Pyrene	20.07	202	40495m	1.425	ng/ul	
18) Benzo(a)anthracene	21.78	228	20513m	0.849	ng/ul	
19) Chrysene	21.84	228	25916m	1.054	ng/ul	
21) Benzo(b)fluoranthene	23.61	252	42272m	1.398	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	11142m	0.388	ng/ul	
23) Benzo(a)pyrene	24.32	252	26273m	0.951	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	21247	0.694	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.25	278	4796	0.196	ng/ul#	79
26) Benzo(g,h,i)perylene	28.12	276	20193	0.768	ng/ul	94

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

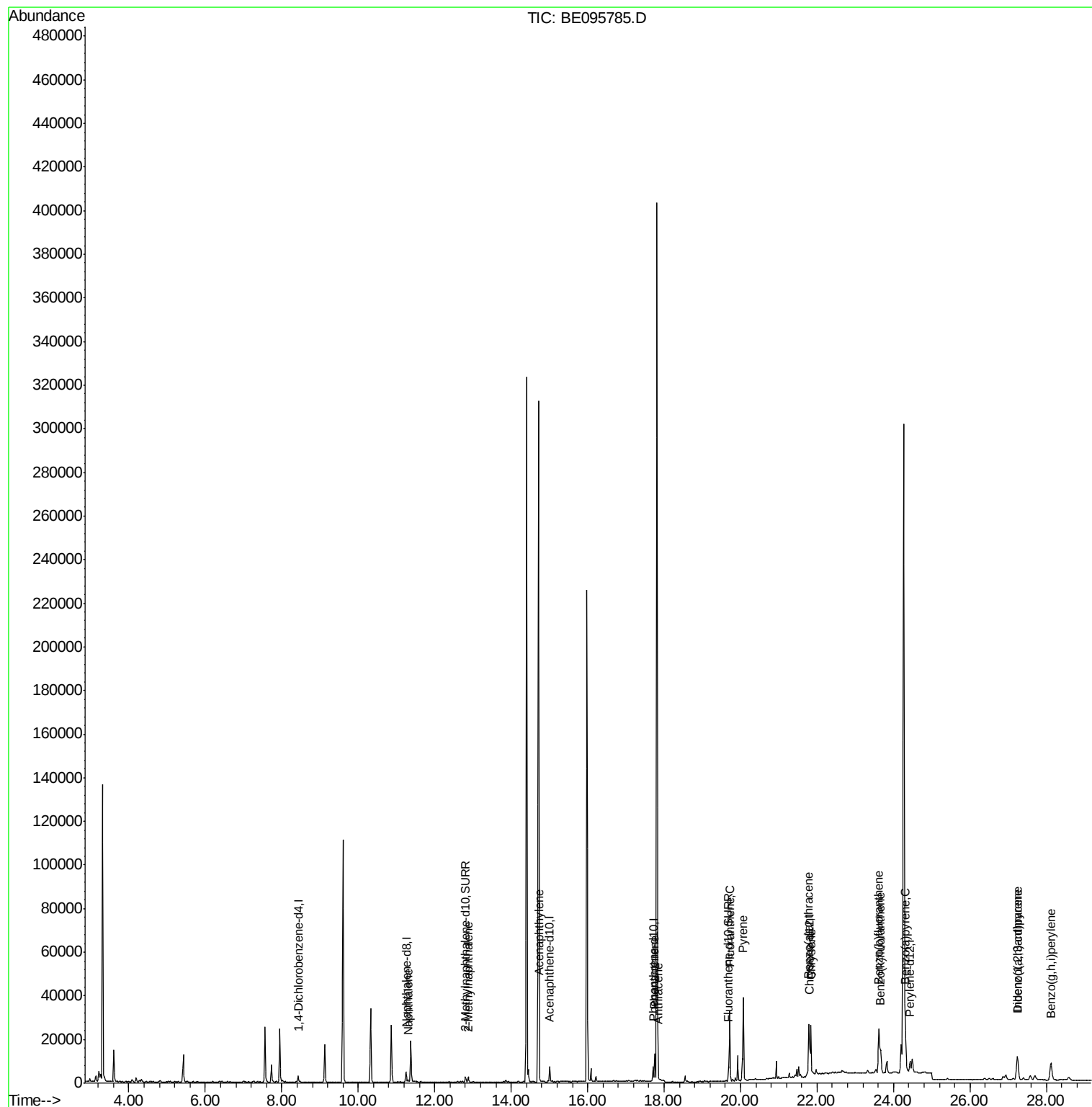
Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
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ALS Vial : 29 Sample Multiplier: 1

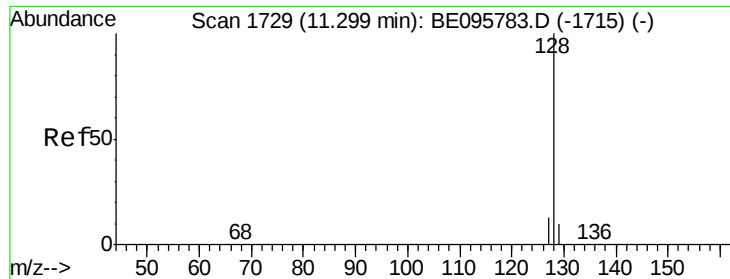
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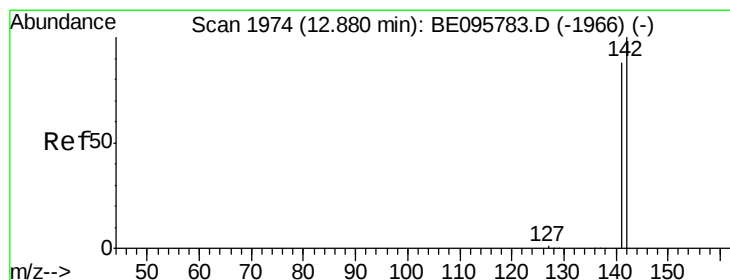
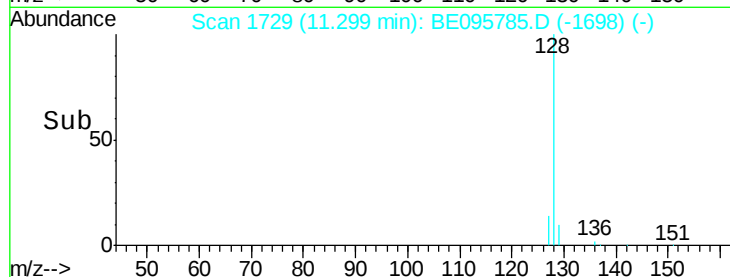
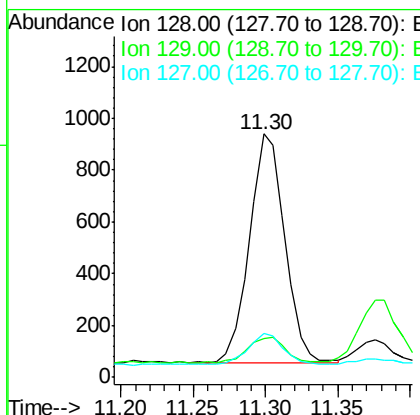
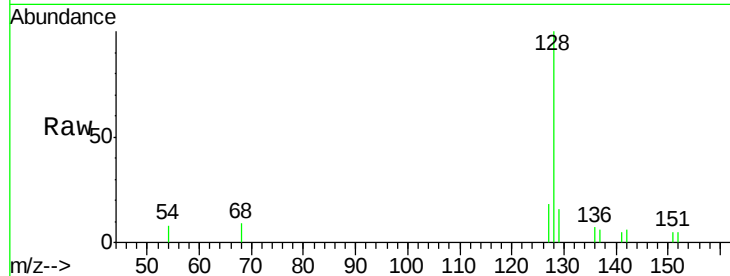
#3
Naphthalene
Concen: 0.088 ng/ul
RT: 11.30 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BE095785.D
Acq: 15 Mar 2018 3:44

Instrument :
BNA_E
ClientSampleId :
F6F29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.3	16.9
127	18.1	4.0	6.0

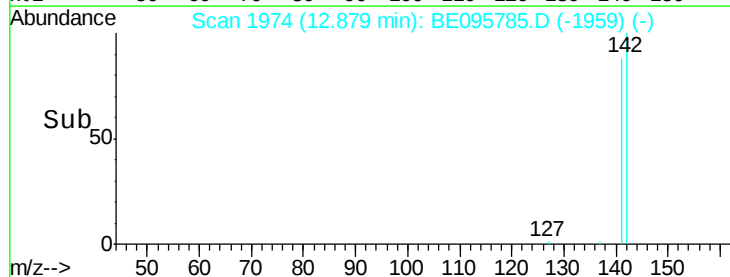
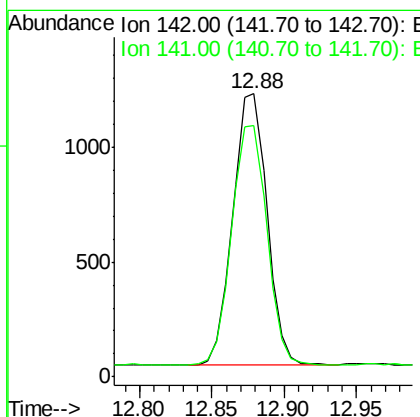
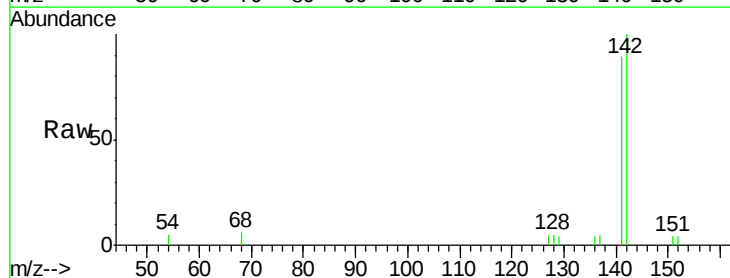
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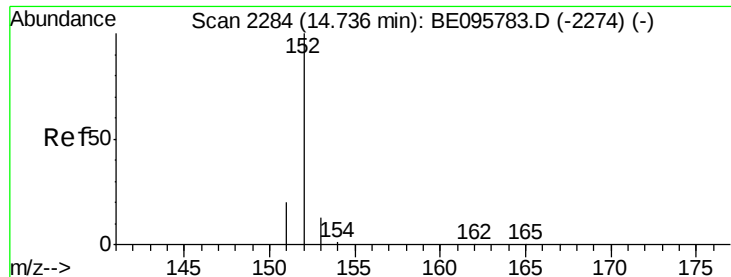
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#5
2-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BE095785.D
Acq: 15 Mar 2018 3:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.147 ng/ul

RT: 14.74 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Instrument :

BNA_E

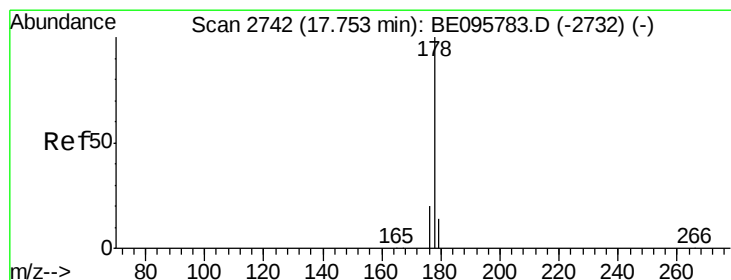
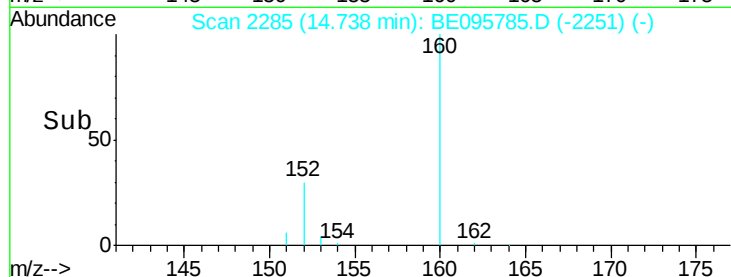
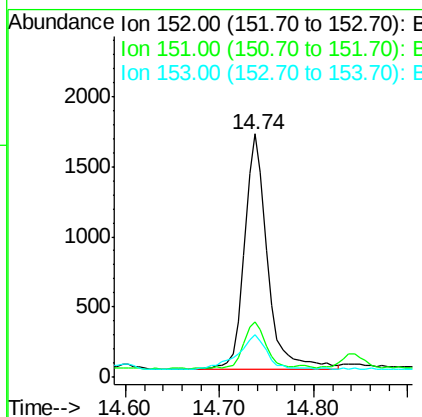
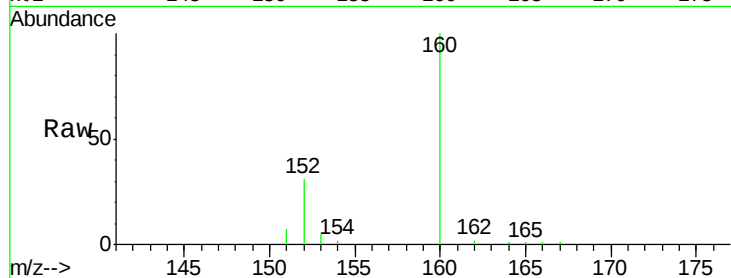
ClientSampleId :

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Tgt Ion:	152	Resp:	2846
Ion Ratio	Lower	Upper	
152	100		
151	23.0	17.1	25.7
153	17.7	12.8	19.2

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#12

Phenanthrene

Concen: 0.531 ng/ul m

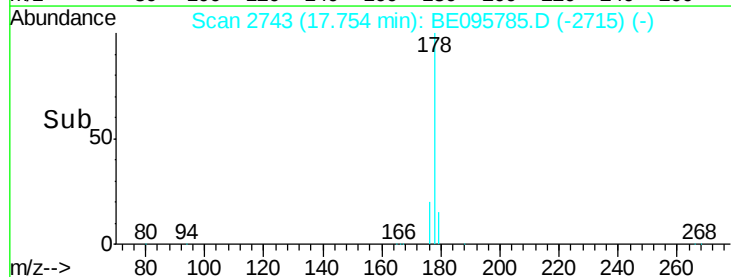
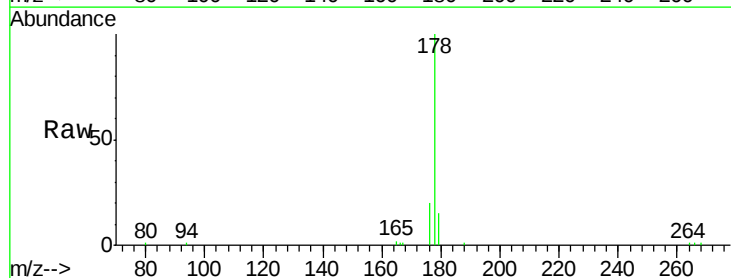
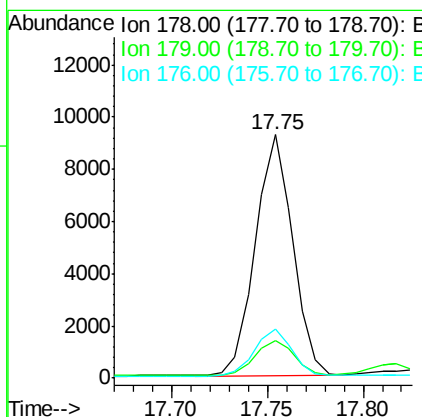
RT: 17.75 min Scan# 2743

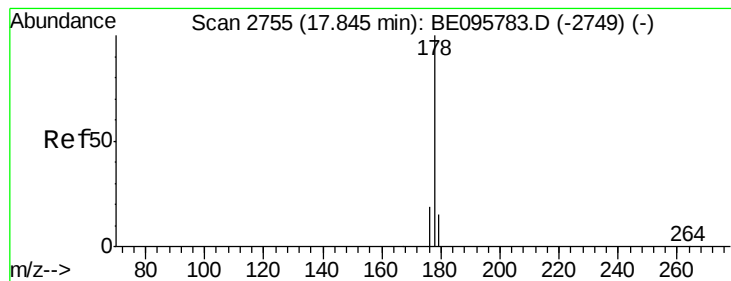
Delta R.T. 0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Tgt Ion:	178	Resp:	12583
Ion Ratio	Lower	Upper	
178	100		
179	15.4	18.4	27.6#
176	20.2	13.6	20.4





#13

Anthracene

Concen: 0.072 ng/ul m

RT: 17.85 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Instrument :

BNA_E

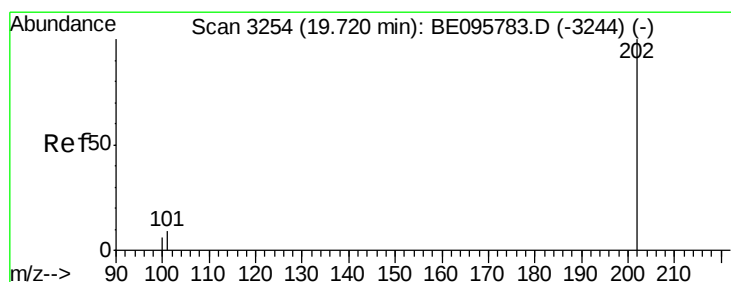
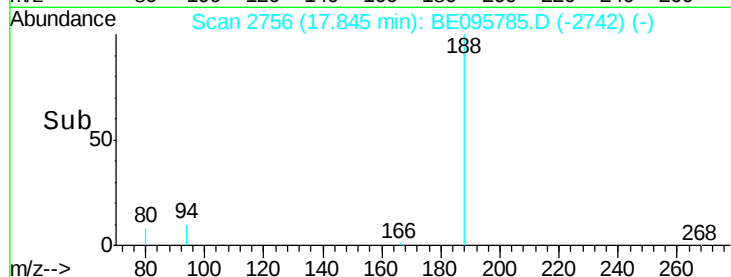
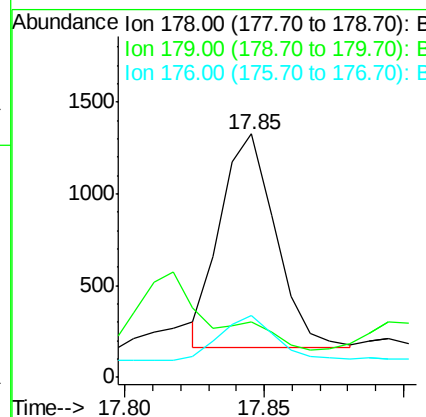
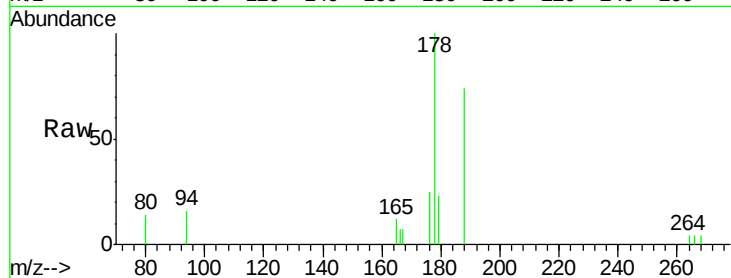
ClientSampleId :

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Tgt Ion:	178	Resp:	1597
Ion Ratio	Lower	Upper	
178	100		
179	22.7	18.1	27.1
176	25.2	14.7	22.1#

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#15

Fluoranthene

Concen: 1.261 ng/ul m

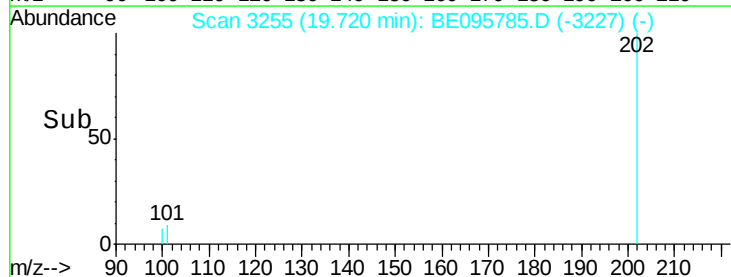
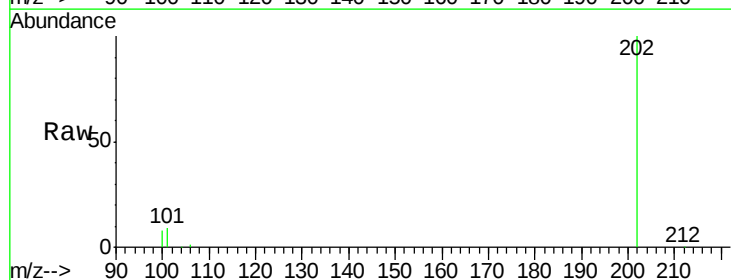
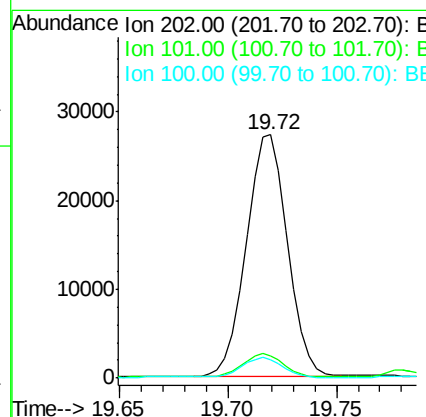
RT: 19.72 min Scan# 3255

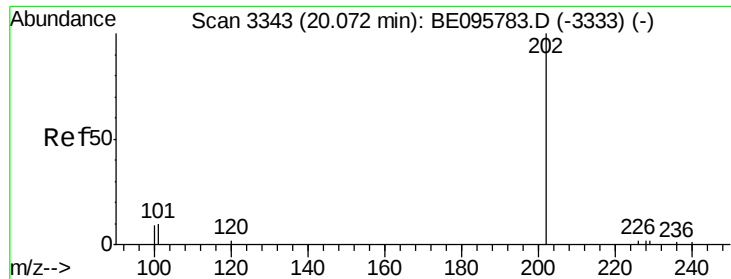
Delta R.T. -0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Tgt Ion:	202	Resp:	36180
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	30.3
100	7.5	0.0	39.5





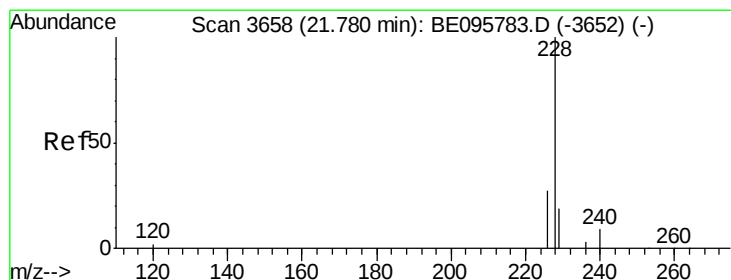
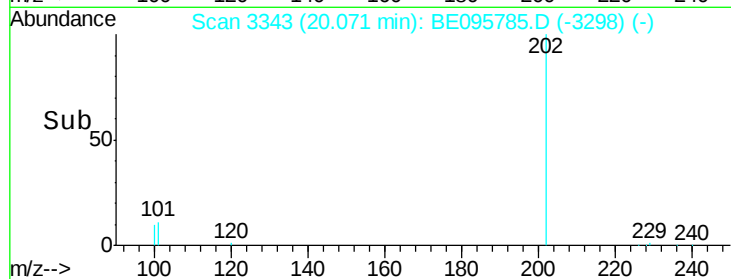
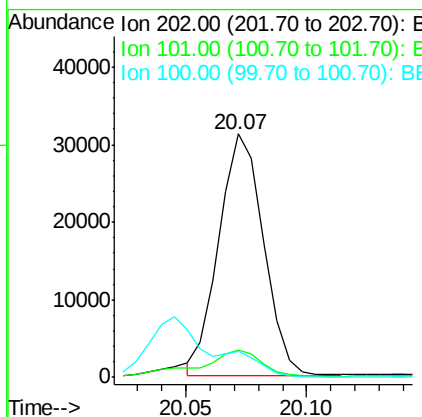
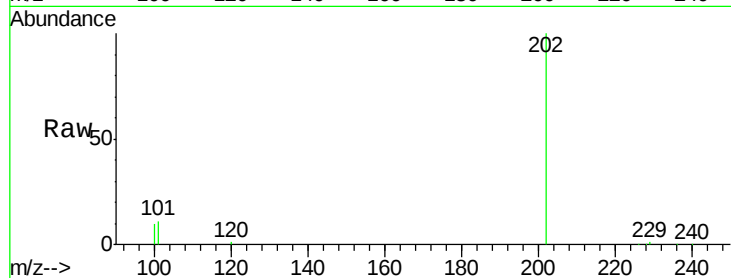
#17
 Pyrene
 Concen: 1.425 ng/ul m
 RT: 20.07 min Scan# 3343
 Delta R.T. -0.00 min
 Lab File: BE095785.D
 Acq: 15 Mar 2018 3:44

Instrument :
 BNA_E
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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	18.2	27.4#
100	10.5	15.6	23.4#

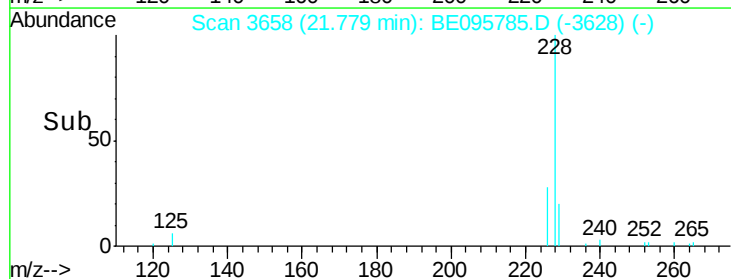
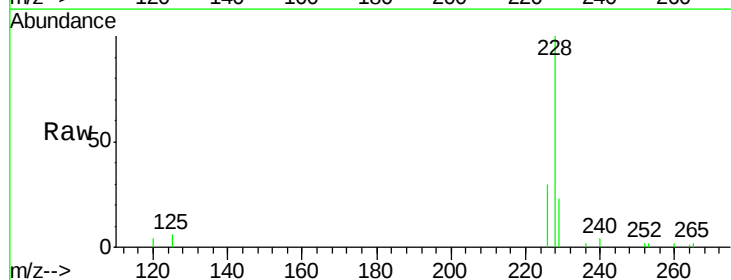
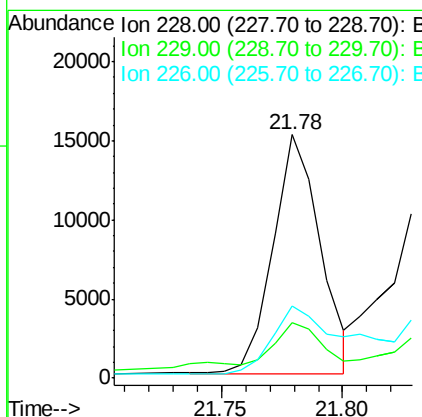
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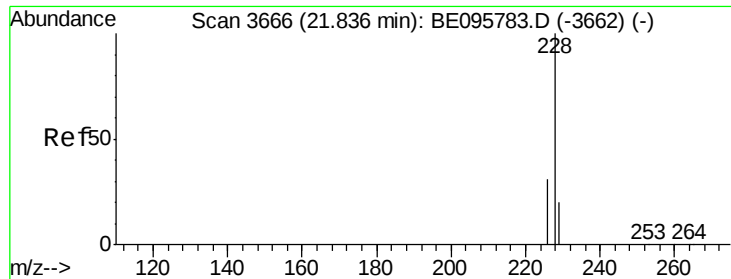
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#18
 Benzo(a)anthracene
 Concen: 0.849 ng/ul m
 RT: 21.78 min Scan# 3658
 Delta R.T. -0.00 min
 Lab File: BE095785.D
 Acq: 15 Mar 2018 3:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.0	22.8	34.2
226	29.6	17.0	25.6#





#19

Chrysene

Concen: 1.054 ng/ul m

RT: 21.84 min Scan# 3666

Delta R.T. -0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Instrument :

BNA_E

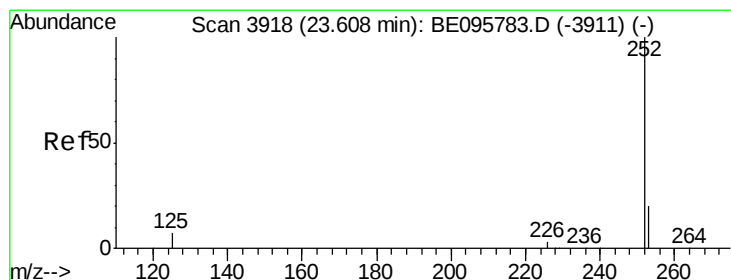
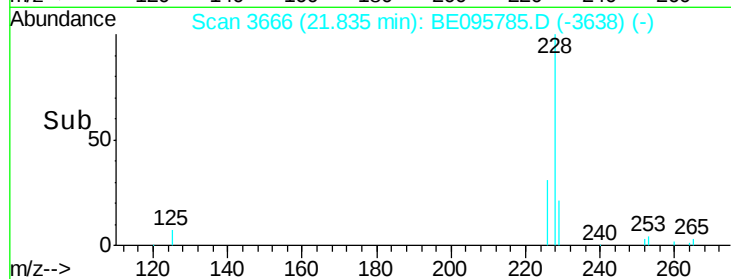
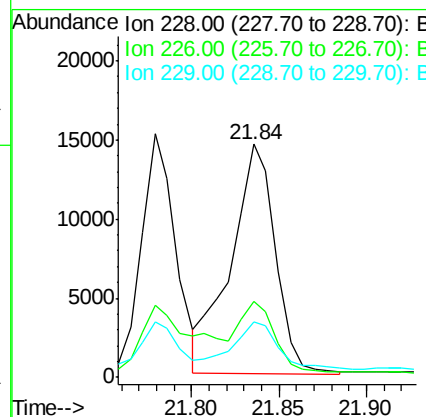
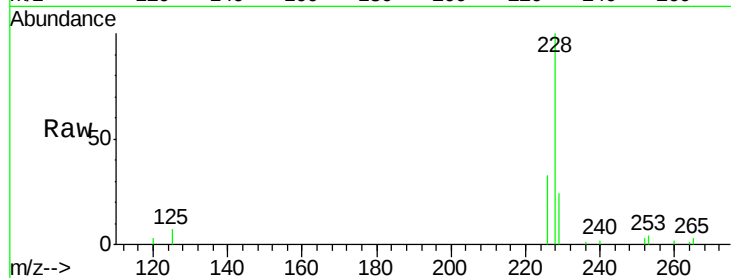
ClientSampleId :

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Tgt Ion:	228	Resp:	25916
Ion Ratio		Lower	Upper
228	100		
226	32.8	23.4	35.0
229	24.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.398 ng/ul m

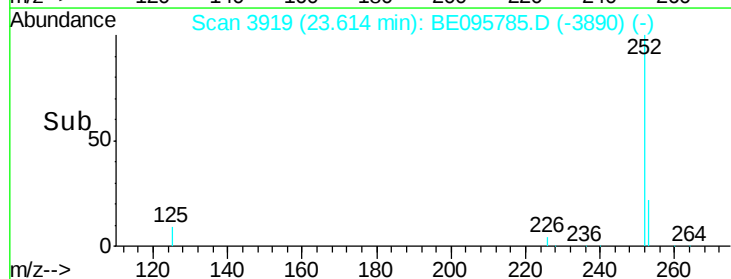
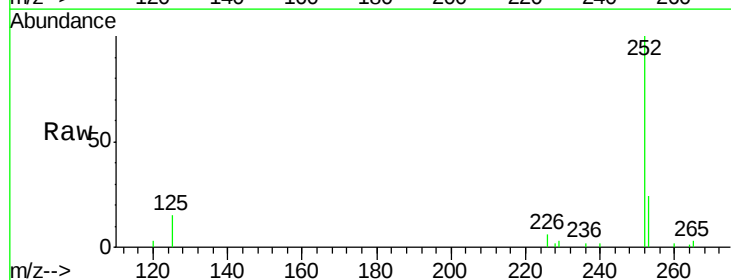
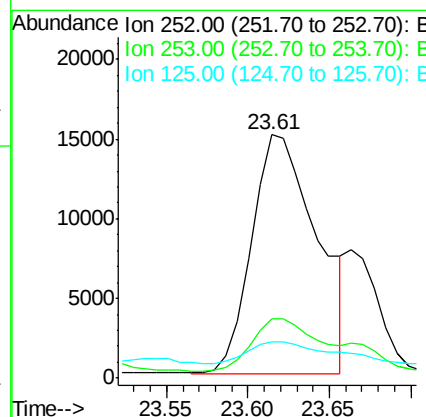
RT: 23.61 min Scan# 3919

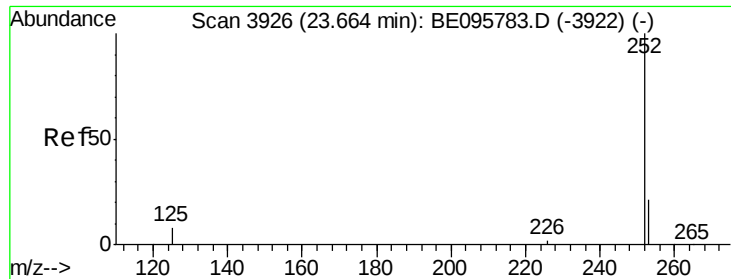
Delta R.T. 0.01 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Tgt Ion:	252	Resp:	42272
Ion Ratio		Lower	Upper
252	100		
253	24.2	0.0	64.2
125	14.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.388 ng/ul m

RT: 23.66 min Scan# 3926

Delta R.T. -0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Instrument :

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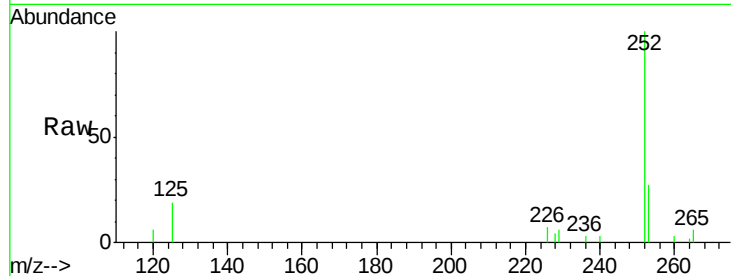
ClientSampleId :

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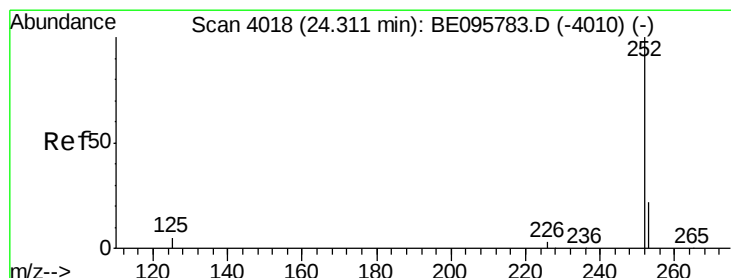
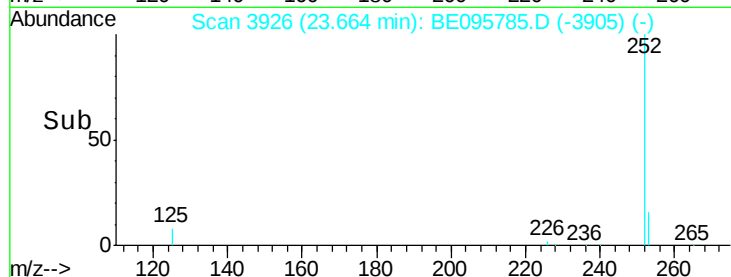
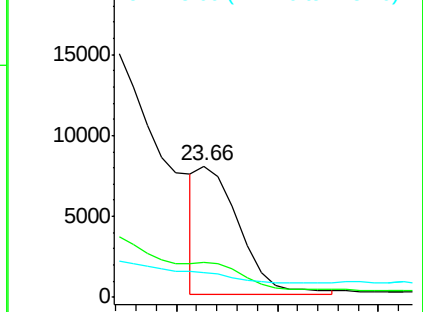
Tgt Ion:	252	Resp:	11142
Ion Ratio	Lower	Upper	
252	100		
253	27.0	24.5	36.7
125	19.2	13.7	20.5

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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



#23

Benzo(a)pyrene

Concen: 0.951 ng/ul m

RT: 24.32 min Scan# 4019

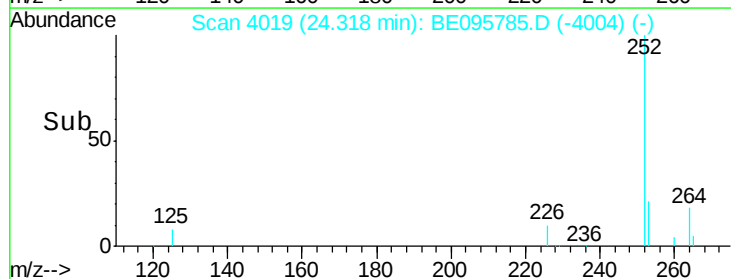
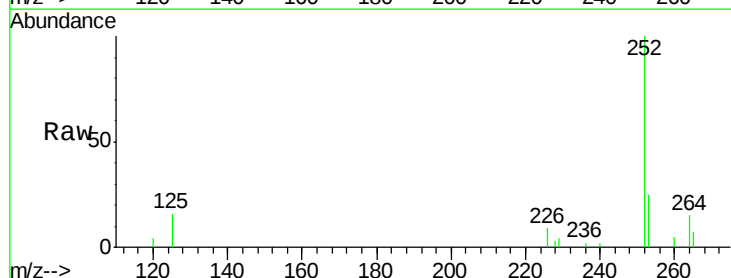
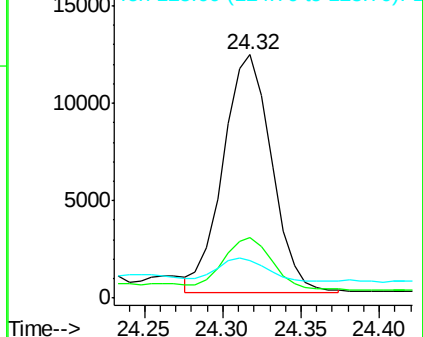
Delta R.T. 0.01 min

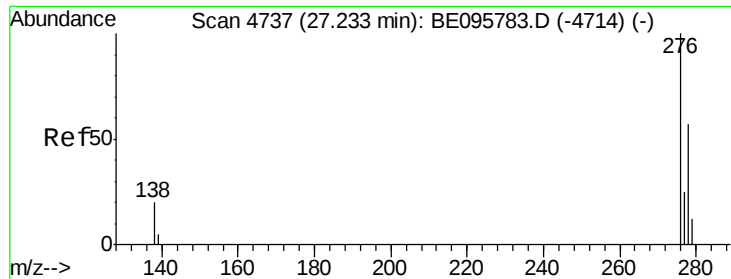
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Tgt Ion:	252	Resp:	26273
Ion Ratio	Lower	Upper	
252	100		
253	24.8	28.5	42.7#
125	15.6	18.1	27.1#

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





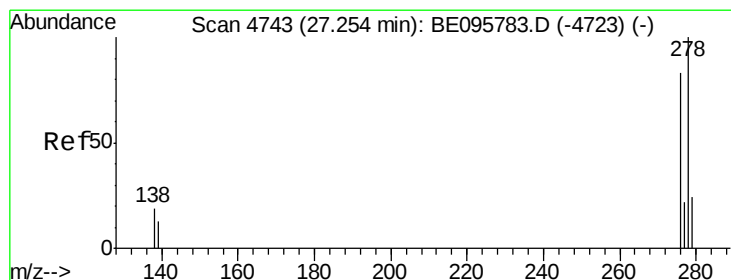
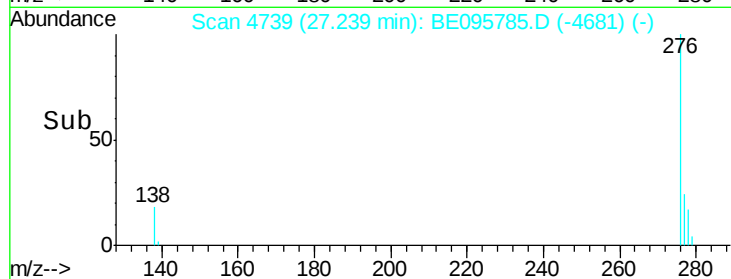
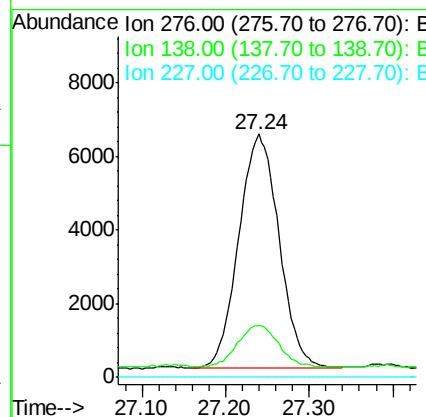
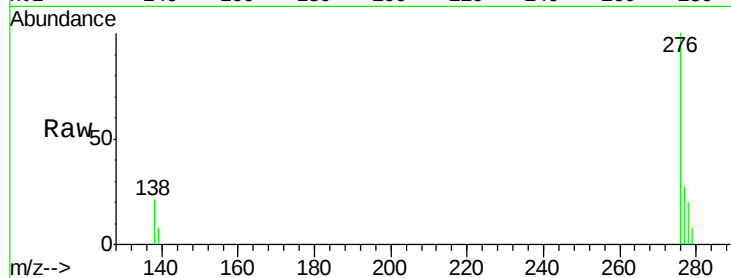
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.694 ng/u1
 RT: 27.24 min Scan# 4739
 Delta R.T. 0.01 min
 Lab File: BE095785.D
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Instrument :
 BNA_E
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	28.0	42.0#
227	0.0	8.0	12.0#

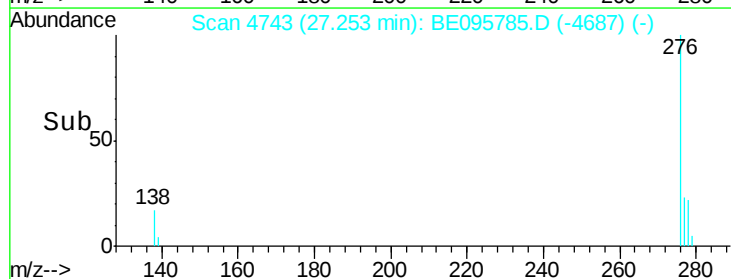
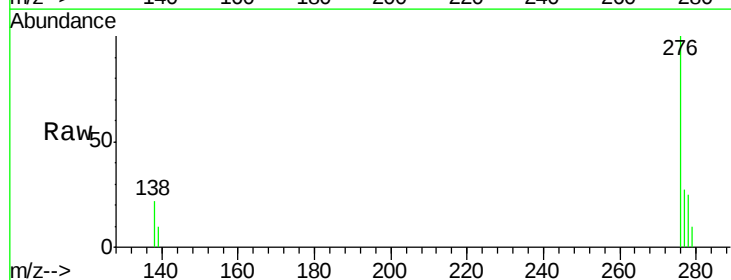
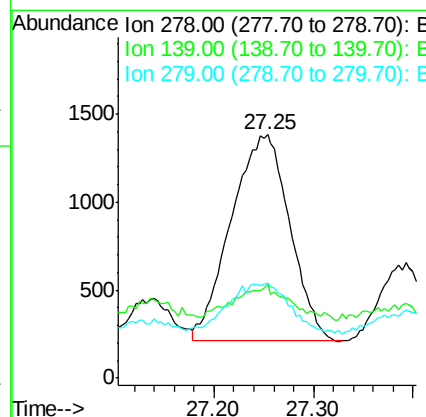
Manual Integrations
 APPROVED

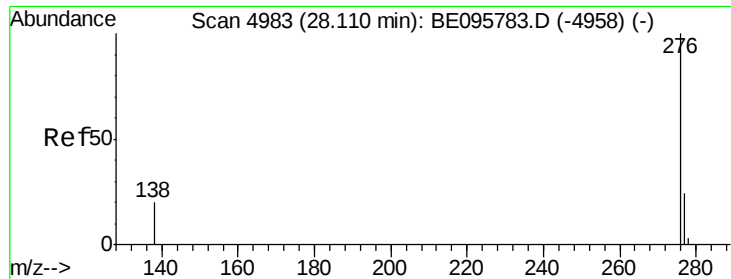
Sohil
 3/15/2018 6:54:59 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.196 ng/u1
 RT: 27.25 min Scan# 4743
 Delta R.T. -0.00 min
 Lab File: BE095785.D
 Acq: 15 Mar 2018 3:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.3	17.4	26.0#
279	39.3	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.768 ng/ul

RT: 28.12 min Scan# 4985

Delta R.T. 0.01 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Instrument :

BNA_E

ClientSampleId :

F6F29

Tgt	Ion	276	Resp:	20193
Ion	Ratio	Lower	Upper	
276	100			
138	22.5	21.8	32.8	
277	26.5	20.5	30.7	

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