

Data Path : U:\HPCHEM1\BNA E\DATA\BE012018\
 Data File : BE095086.D
 Acq On : 20 Jan 2018 12:58
 Operator : SJ/JU
 Sample : J1216-04DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE7DL

Manual Integrations
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Sohil
 1/22/2018 5:22:31 PM

Quant Time: Jan 22 12:17:21 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4394	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	14658	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	8693	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	18642	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	21728	0.40	ng/ul	0.00
20) Perylene-d12	24.48	264	20903	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	1431	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	3802	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.33	128	3452	0.089	ng/ul#	91
5) 2-Methylnaphthalene	12.91	142	1739	0.064	ng/ul	98
7) Acenaphthylene	14.77	152	22934	0.589	ng/ul	96
8) Acenaphthene	15.10	153	3823	0.126	ng/ul	91
9) Fluorene	16.05	166	6561	0.203	ng/ul#	81
11) Pentachlorophenol	17.38	266	50	0.045	ng/ul	96
12) Phenanthrene	17.78	178	128016	2.586	ng/ul#	88
13) Anthracene	17.87	178	17893	0.414	ng/ul#	92
15) Fluoranthene	19.75	202	278313	4.399	ng/ul	84
17) Pyrene	20.10	202	279282	3.536	ng/ul#	80
18) Benzo(a)anthracene	21.81	228	163730	2.723	ng/ul#	84
19) Chrysene	21.87	228	143393	2.138	ng/ul	96
21) Benzo(b)fluoranthene	23.66	252	191080m	2.715	ng/ul	
22) Benzo(k)fluoranthene	23.71	252	67940m	1.047	ng/ul	
23) Benzo(a)pyrene	24.36	252	140142	2.333	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.31	276	88437	1.658	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.32	278	21234	0.557	ng/ul	91
26) Benzo(g,h,i)perylene	28.19	276	76302	1.438	ng/ul	94

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

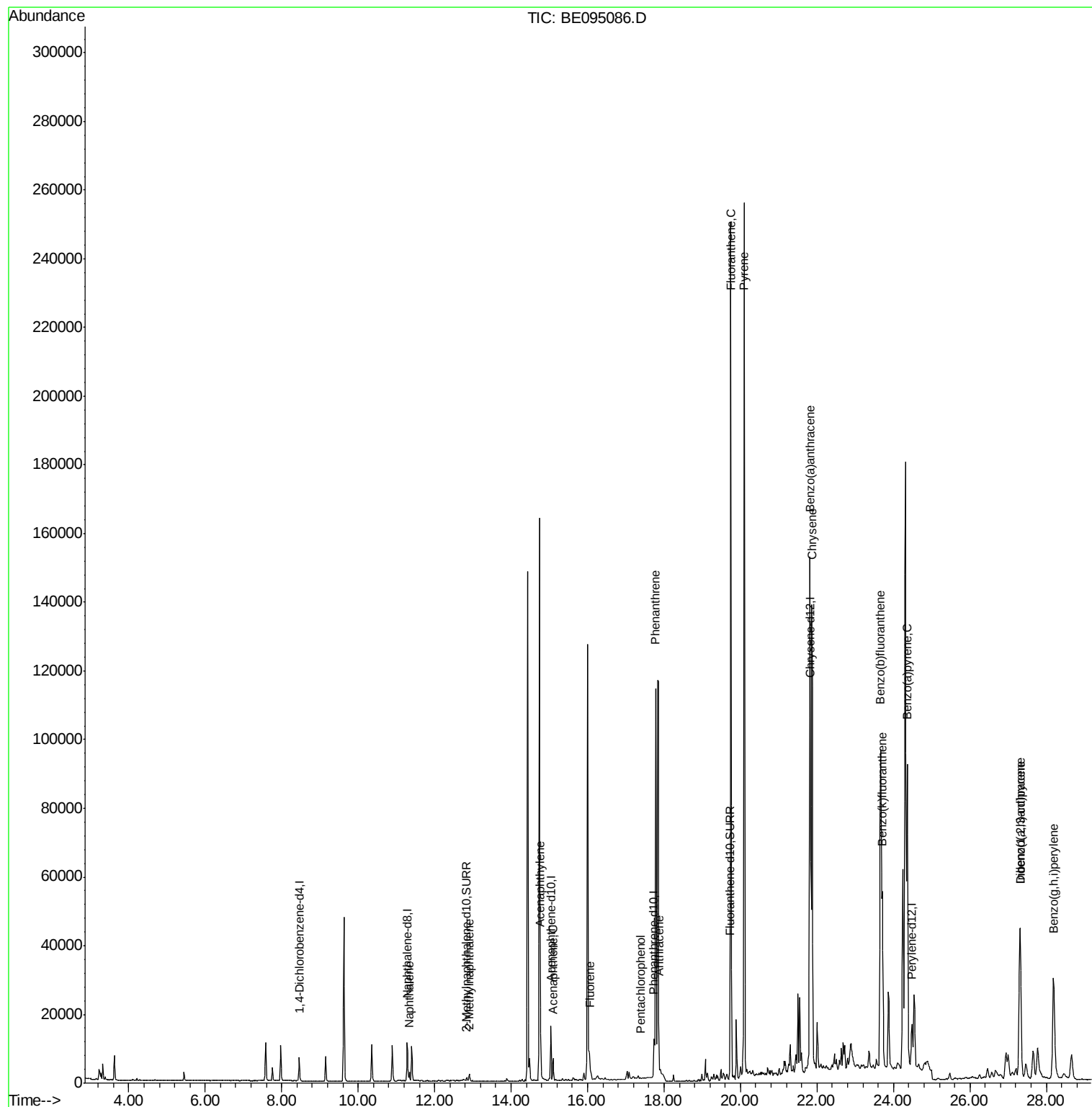
Data Path : U:\HPCHEM1\BNA E\DATA\BE012018\
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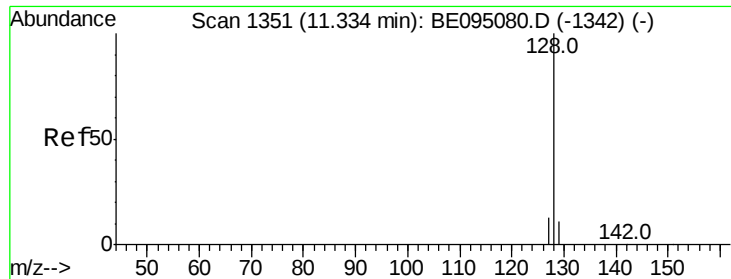
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#3

Naphthalene

Concen: 0.089 ng/ul

RT: 11.33 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BE095086.D

Acq: 20 Jan 2018 12:58

Instrument :

BNA_E

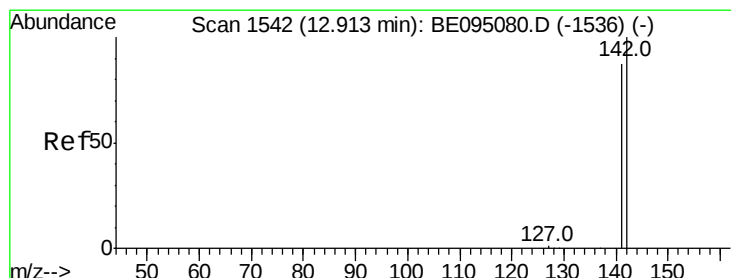
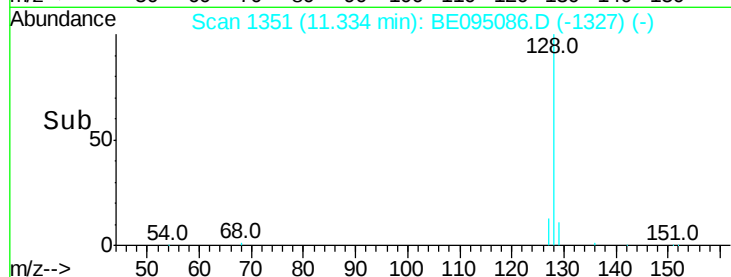
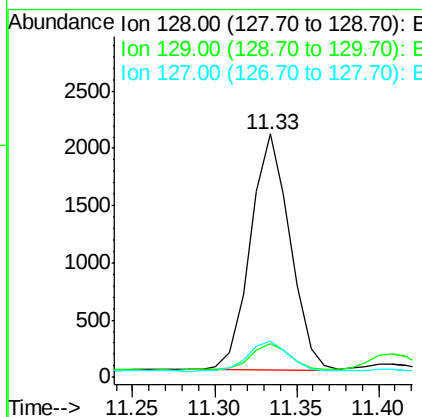
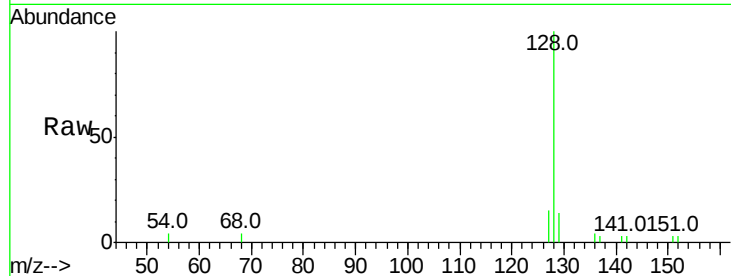
ClientSampleID :

B0AE7DL

Tot Ion:	128	Resp:	3452
Ion	Ratio	Lower	Upper
128	100		
129	13.7	11.3	16.9
127	15.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.064 ng/ul

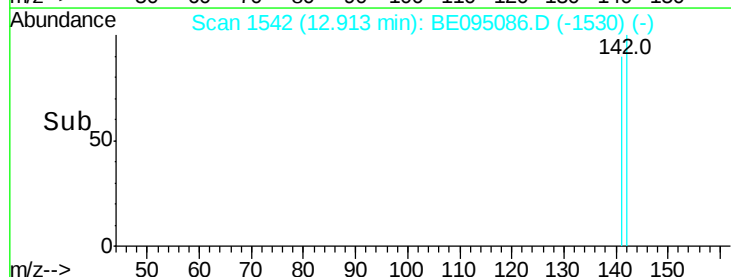
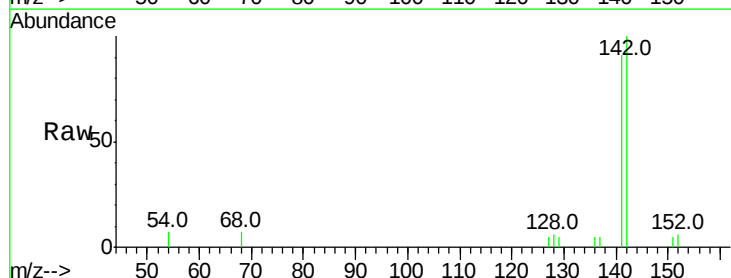
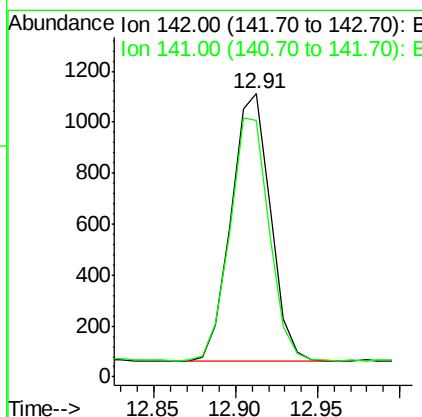
RT: 12.91 min Scan# 1542

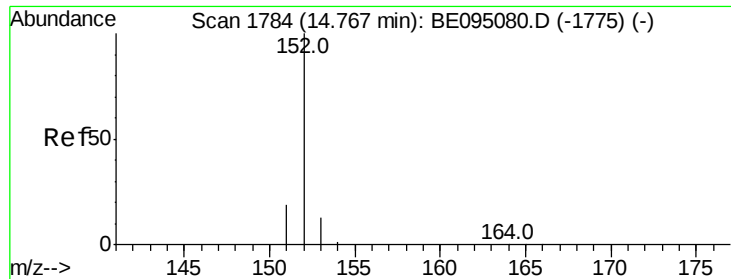
Delta R.T. -0.00 min

Lab File: BE095086.D

Acq: 20 Jan 2018 12:58

Tgt Ion:	142	Resp:	1739
Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.589 ng/ul

RT: 14.77 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE095086.D

Acq: 20 Jan 2018 12:58

Instrument :

BNA_E

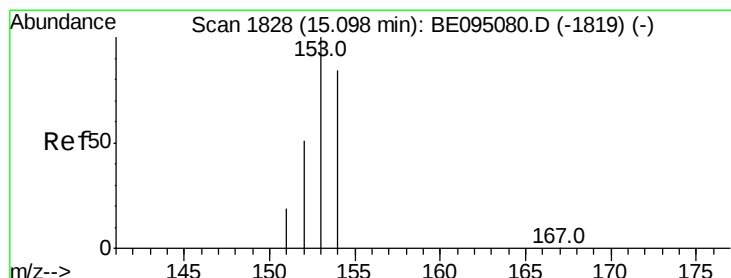
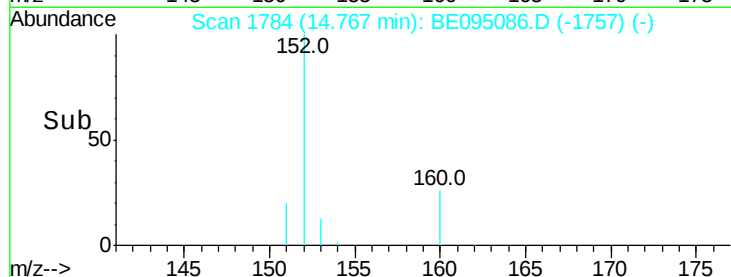
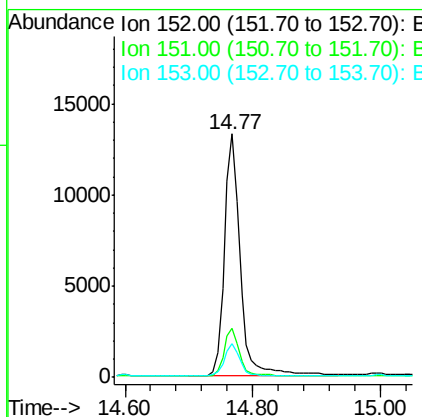
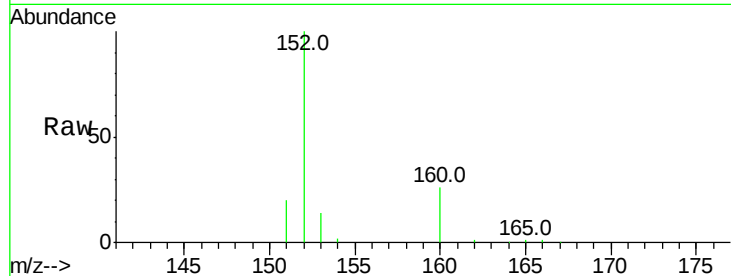
ClientSampleId :

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Tot Ion:	152	Resp:	22934
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.1	25.7
153	13.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.126 ng/ul

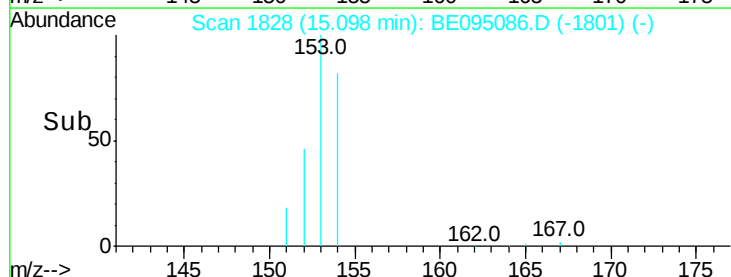
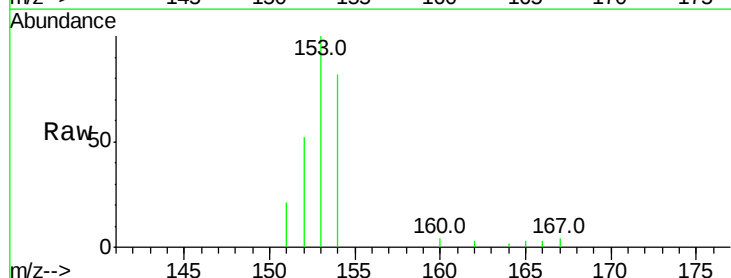
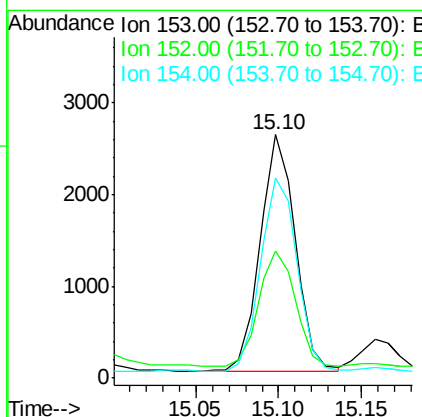
RT: 15.10 min Scan# 1828

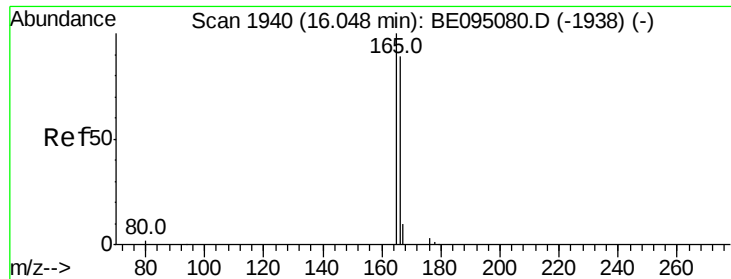
Delta R.T. 0.00 min

Lab File: BE095086.D

Acq: 20 Jan 2018 12:58

Tgt Ion:	153	Resp:	3823
Ion Ratio	Lower	Upper	
153	100		
152	52.1	36.0	54.0
154	82.4	72.0	108.0





#9

Fluorene

Concen: 0.203 ng/ul

RT: 16.05 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BE095086.D

Acq: 20 Jan 2018 12:58

Instrument :

BNA_E

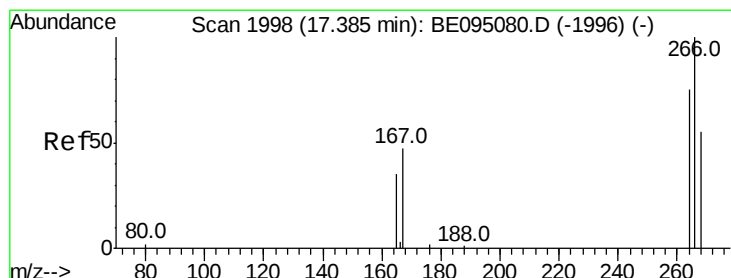
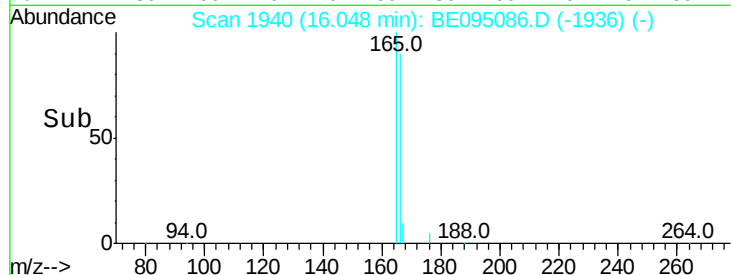
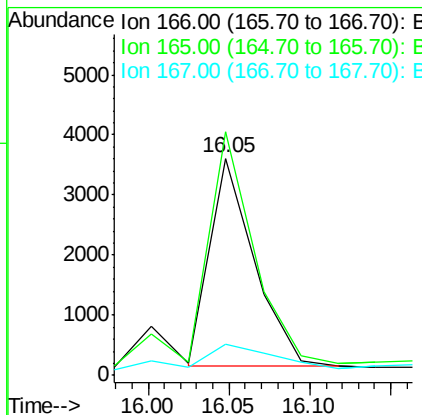
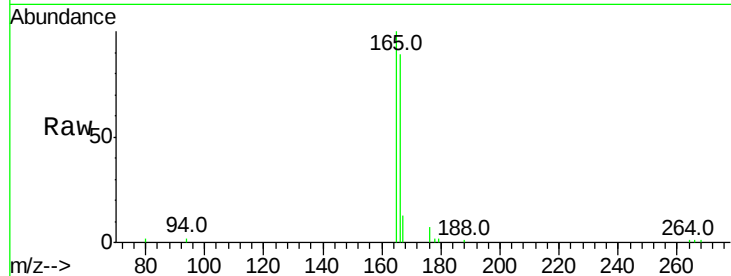
ClientSampleID :

B0AE7DL

Tot Ion:	166	Resp:	6561
Ion Ratio	Lower	Upper	
166	100		
165	112.2	73.4	110.2#
167	14.5	14.6	22.0#

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#11

Pentachlorophenol

Concen: 0.045 ng/ul

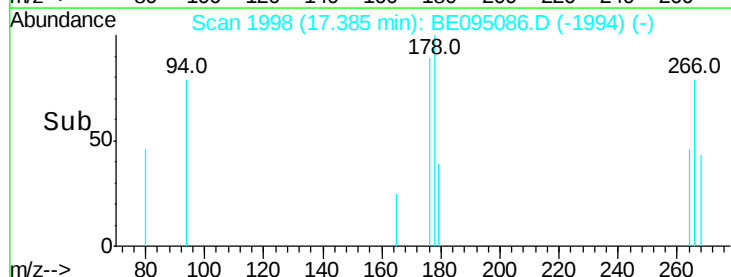
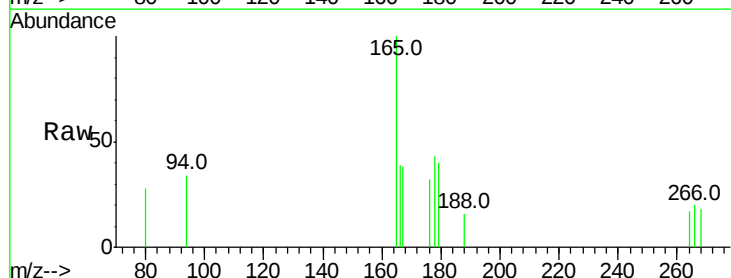
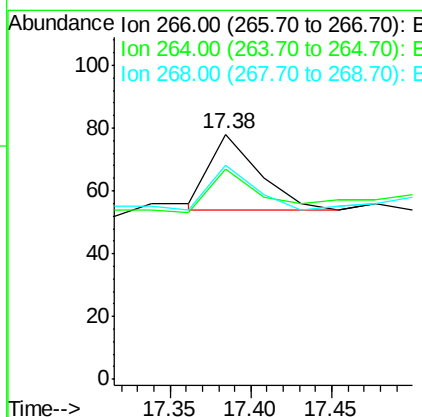
RT: 17.38 min Scan# 1998

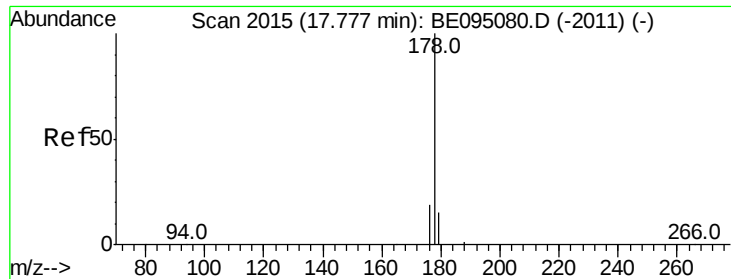
Delta R.T. -0.00 min

Lab File: BE095086.D

Acq: 20 Jan 2018 12:58

Tgt Ion:	266	Resp:	50
Ion Ratio	Lower	Upper	
266	100		
264	60.0	47.9	71.9
268	56.0	49.8	74.8





#12

Phenanthrene

Concen: 2.586 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE095086.D

Acq: 20 Jan 2018 12:58

Instrument :

BNA_E

ClientSampleId :

B0AE7DL

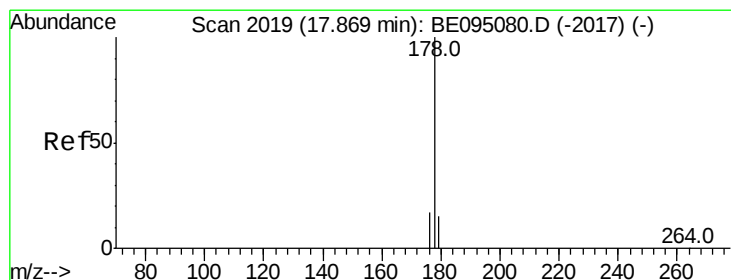
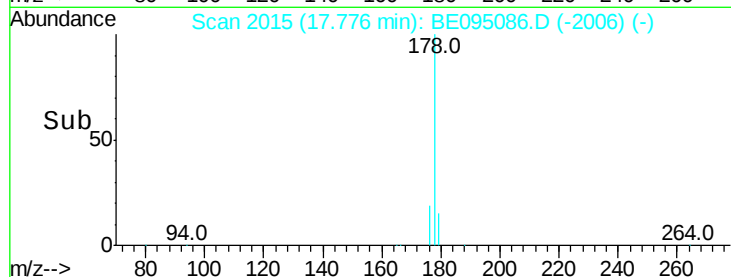
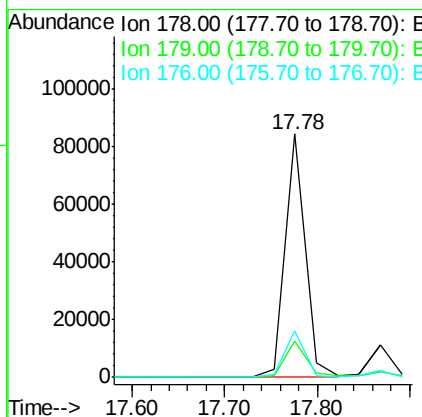
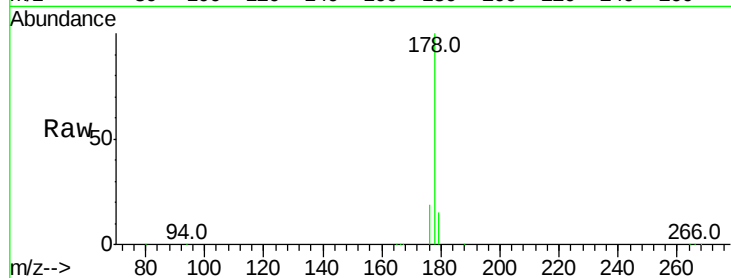
Tot Ion:178 Resp: 128016

Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6#
176	19.4	13.6	20.4

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#13

Anthracene

Concen: 0.414 ng/ul

RT: 17.87 min Scan# 2019

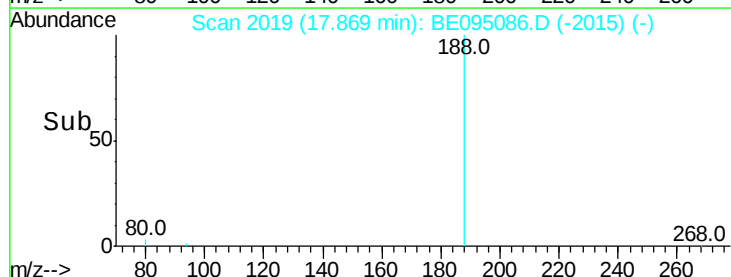
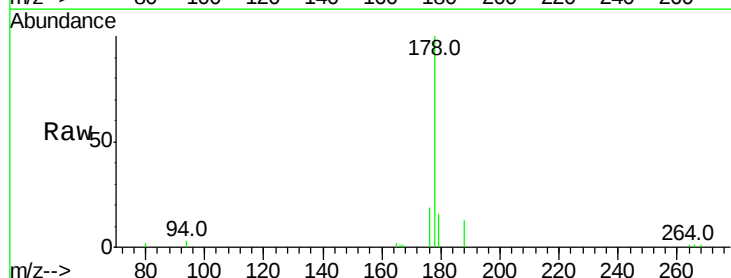
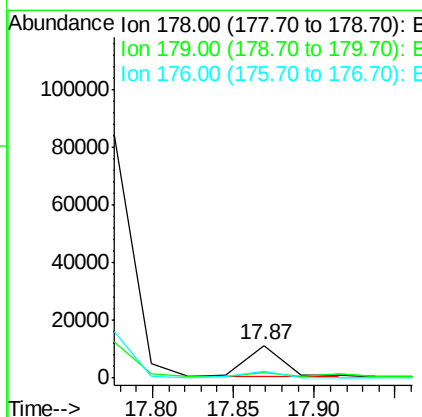
Delta R.T. -0.00 min

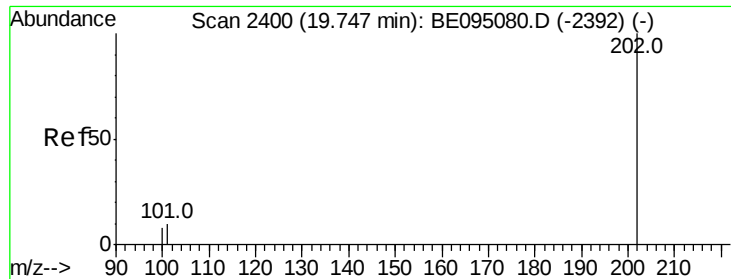
Lab File: BE095086.D

Acq: 20 Jan 2018 12:58

Tgt Ion:178 Resp: 17893

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	19.0	14.7	22.1





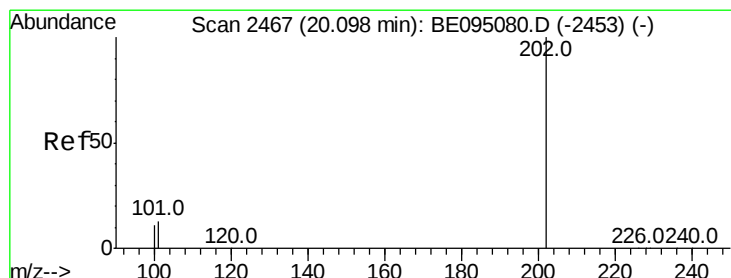
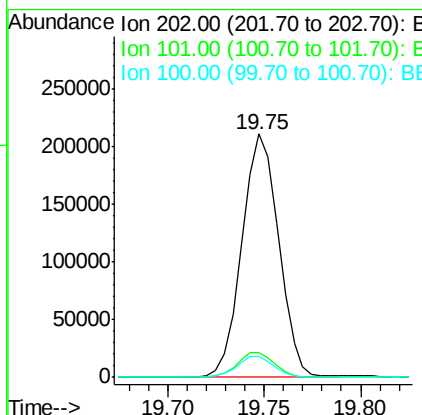
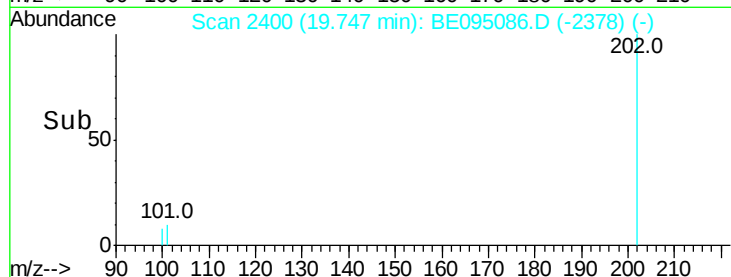
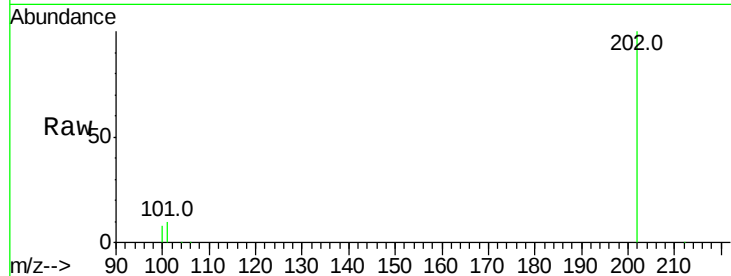
#15
Fluoranthene
 Concen: 4.399 ng/ul
 RT: 19.75 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BE095086.D
 Acq: 20 Jan 2018 12:58

Instrument :
 BNA_E
 ClientSampleId :
 B0AE7DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	30.3
100	8.4	0.0	39.5

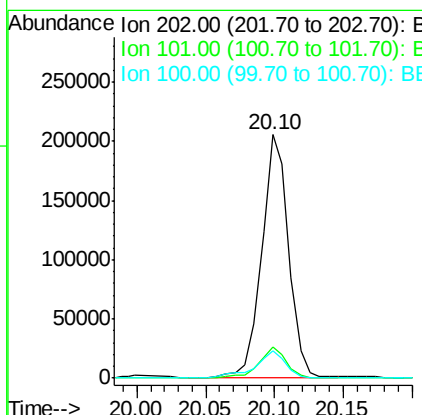
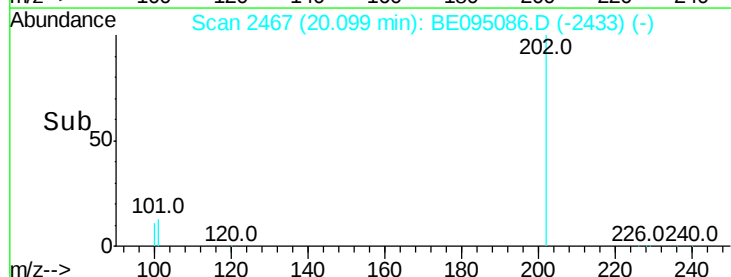
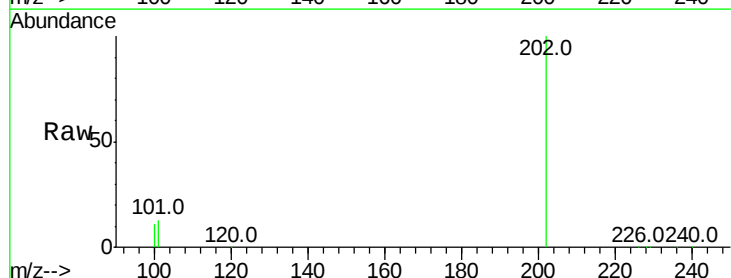
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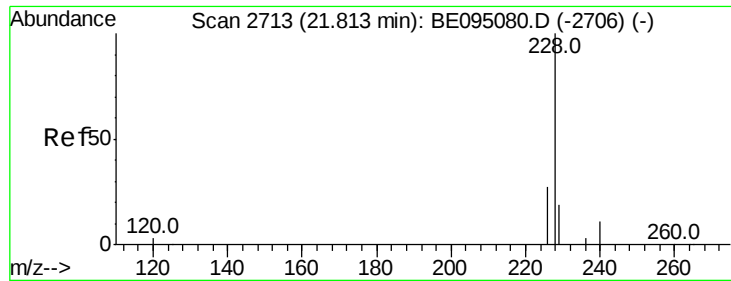
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#17
Pyrene
 Concen: 3.536 ng/ul
 RT: 20.10 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BE095086.D
 Acq: 20 Jan 2018 12:58

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	18.2	27.4#
100	11.2	15.6	23.4#





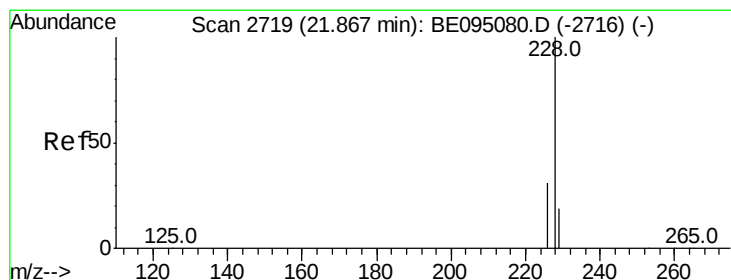
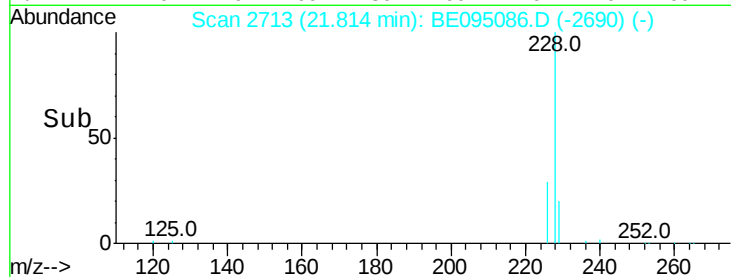
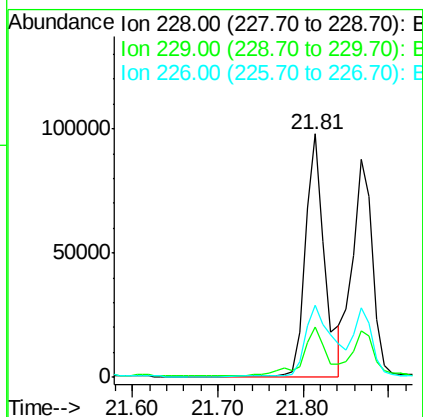
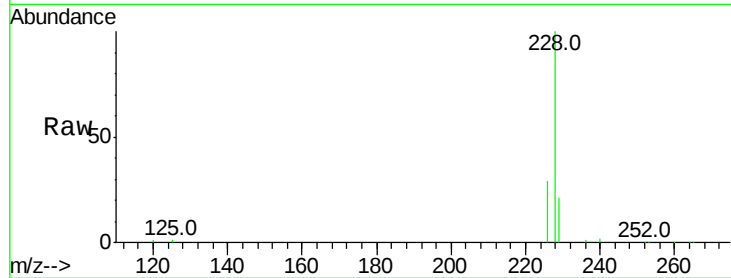
#18
Benzo(a)anthracene
Concen: 2.723 ng/ul
RT: 21.81 min Scan# 2713
Delta R.T. 0.00 min
Lab File: BE095086.D
Acq: 20 Jan 2018 12:58

Instrument :
BNA_E
ClientSampleId :
B0AE7DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	29.5	17.0	25.6#

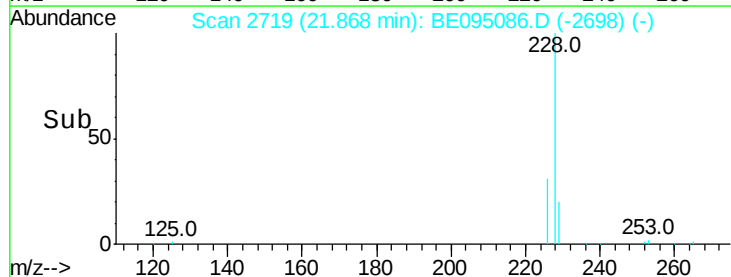
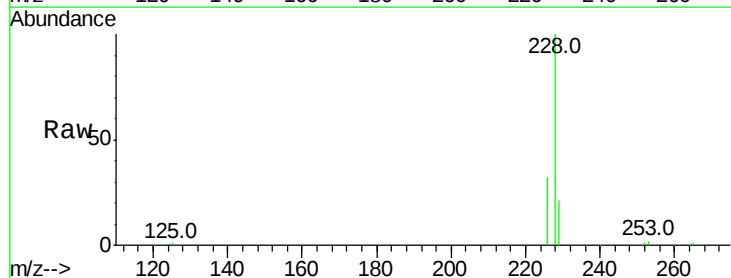
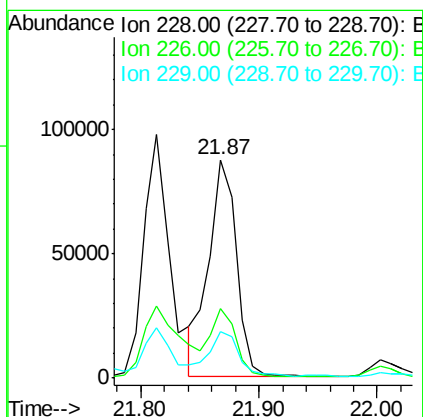
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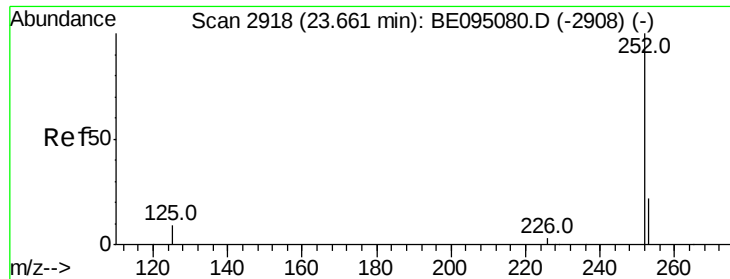
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#19
Chrysene
Concen: 2.138 ng/ul
RT: 21.87 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE095086.D
Acq: 20 Jan 2018 12:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.0
229	21.1	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 2.715 ng/ul m

RT: 23.66 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BE095086.D

Acq: 20 Jan 2018 12:58

Instrument :

BNA_E

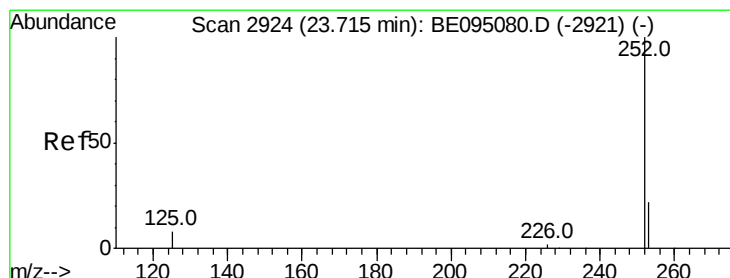
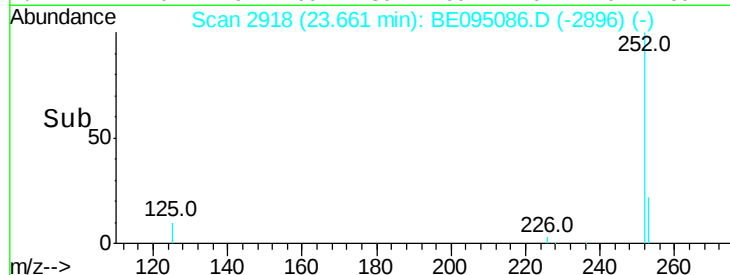
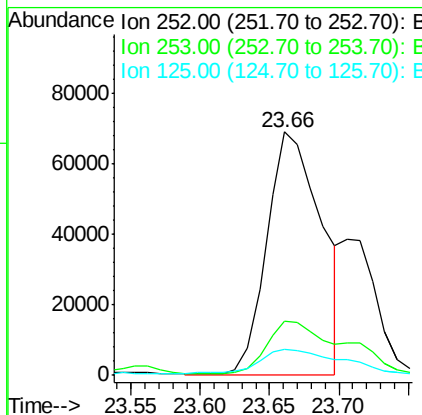
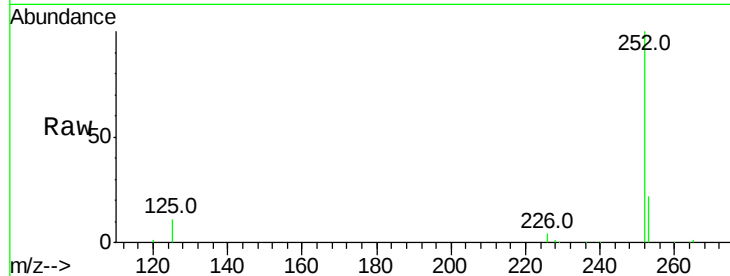
ClientSampleId :

B0AE7DL

Tot Ion:	252	Resp:	191080
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	64.2
125	10.9	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 1.047 ng/ul m

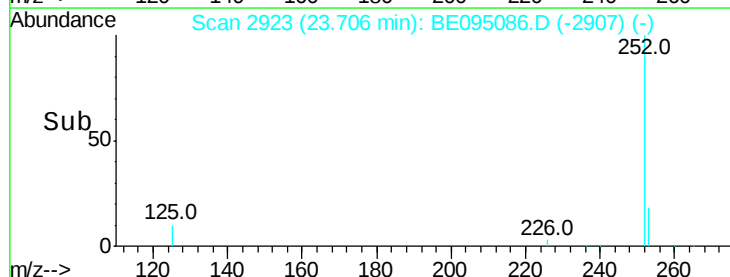
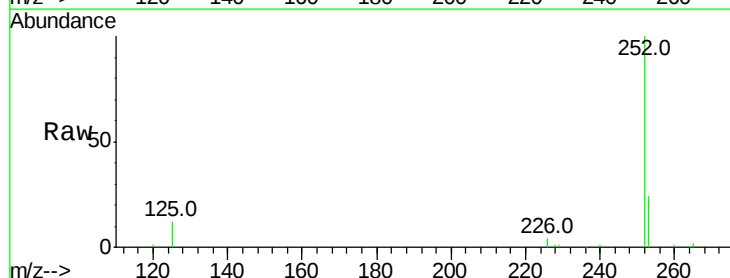
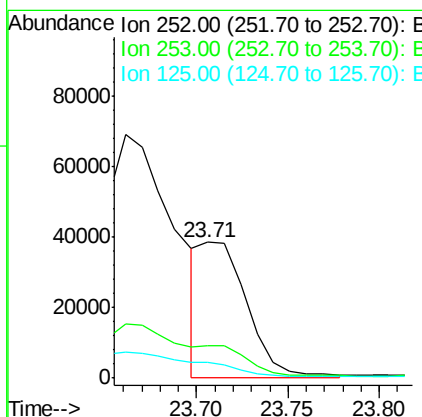
RT: 23.71 min Scan# 2923

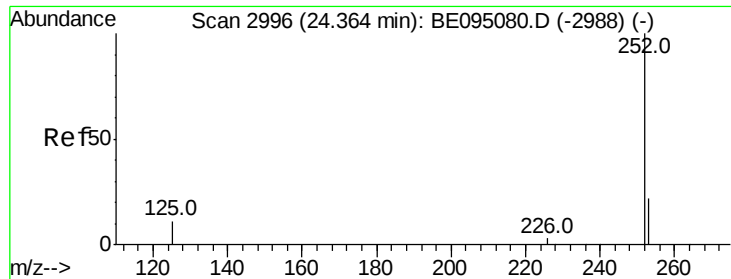
Delta R.T. -0.01 min

Lab File: BE095086.D

Acq: 20 Jan 2018 12:58

Tgt Ion:	252	Resp:	67940
Ion Ratio	Lower	Upper	
252	100		
253	23.9	24.5	36.7#
125	11.5	13.7	20.5#





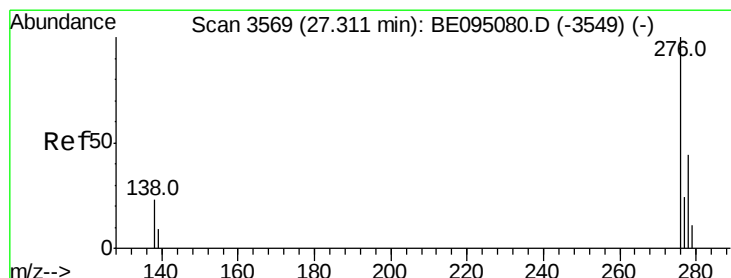
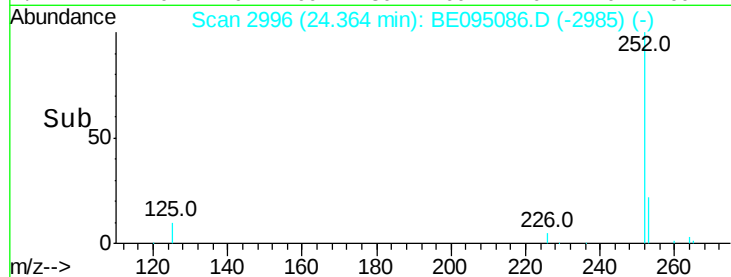
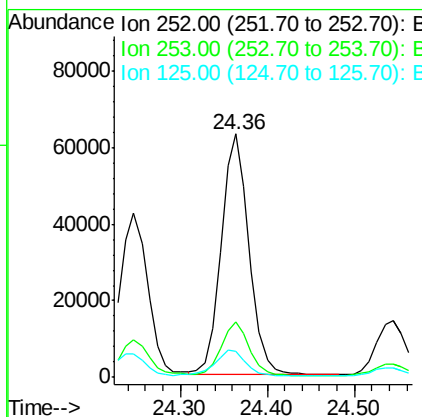
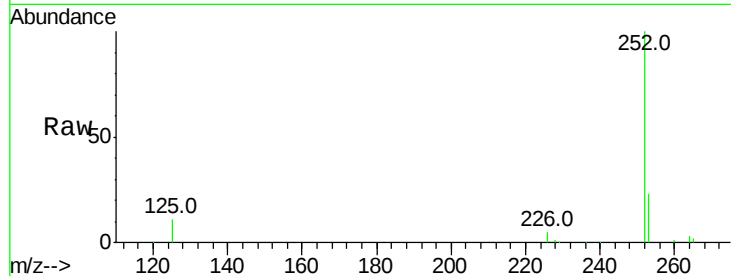
#23
Benzo(a)pyrene
Concen: 2.333 ng/ul
RT: 24.36 min Scan# 2996
Delta R.T. 0.00 min
Lab File: BE095086.D
Acq: 20 Jan 2018 12:58

Instrument :
BNA_E
ClientSampleId :
B0AE7DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	140142		
253	22.6	28.5	42.7#	
125	10.6	18.1	27.1#	

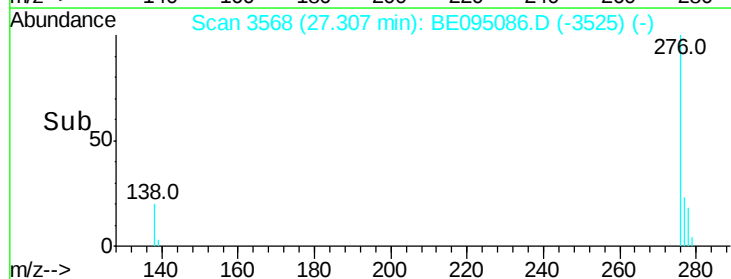
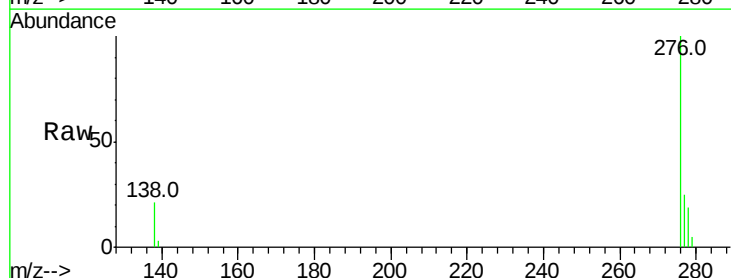
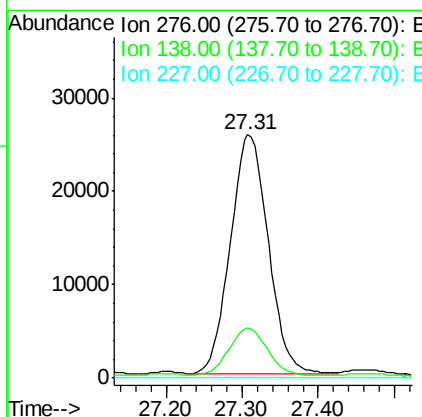
Manual Integrations
APPROVED

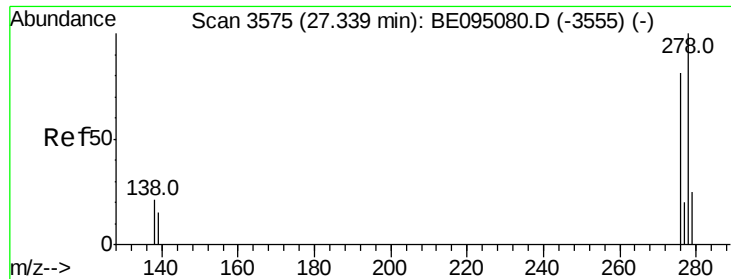
Sohil
1/22/2018 5:22:31 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.658 ng/ul
RT: 27.31 min Scan# 3568
Delta R.T. -0.00 min
Lab File: BE095086.D
Acq: 20 Jan 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	88437		
138	20.5	28.0	42.0#	
227	0.0	8.0	12.0#	





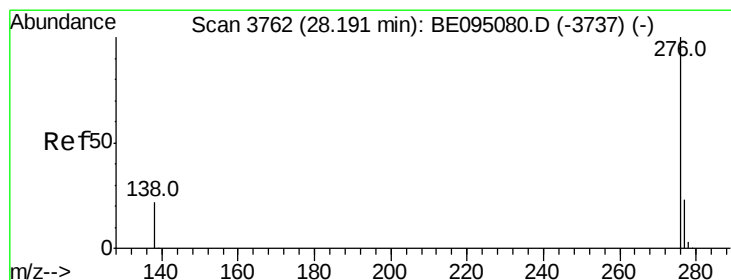
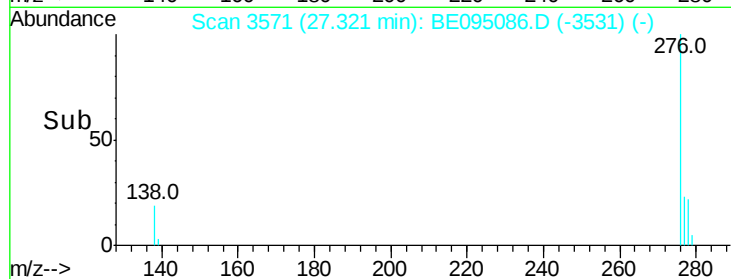
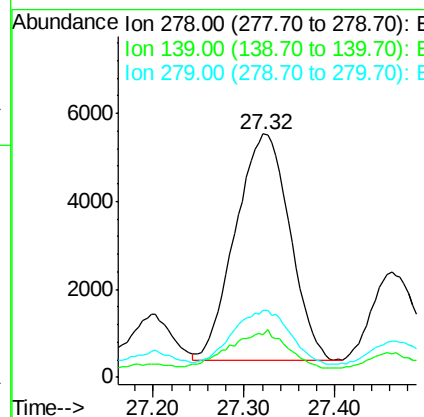
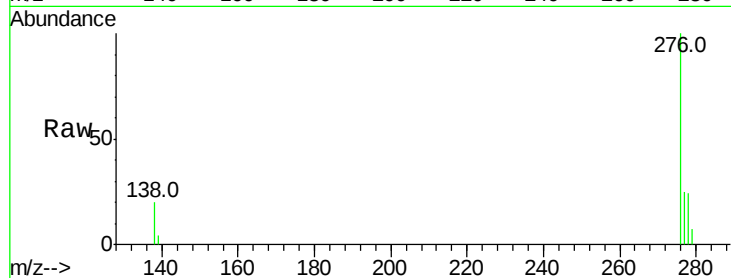
#25
Dibenzo(a,h)anthracene
Concen: 0.557 ng/ul
RT: 27.32 min Scan# 3571
Delta R.T. -0.02 min
Lab File: BE095086.D
Acq: 20 Jan 2018 12:58

Instrument :
BNA_E
ClientSampleId :
B0AE7DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	17.4	26.0
279	27.6	25.9	38.9

Manual Integrations
APPROVED

Sohil
1/22/2018 5:22:31 PM



#26
Benzo(g,h,i)perylene
Concen: 1.438 ng/ul
RT: 28.19 min Scan# 3761
Delta R.T. -0.00 min
Lab File: BE095086.D
Acq: 20 Jan 2018 12:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	21.8	32.8
277	24.7	20.5	30.7

