

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095298.D
 Acq On : 31 Jan 2018 3:38
 Operator : SJ/JU
 Sample : J1223-02DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A68DL

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:28:37 PM

Quant Time: Jan 31 08:06:17 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2549	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7910	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5103	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10309	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11030	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10950	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	728	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	1981	0.05	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	8774	0.593	ng/ul	99
8) Acenaphthene	15.08	153	8213	0.431	ng/ul	91
9) Fluorene	16.02	166	4991	0.254	ng/ul#	79
11) Pentachlorophenol	17.36	266	16026	8.026	ng/ul	96
12) Phenanthrene	17.75	178	29117m	0.840	ng/ul	
13) Anthracene	17.85	178	3282	0.103	ng/ul	95
15) Fluoranthene	19.72	202	39063	0.870	ng/ul	83
17) Pyrene	20.08	202	34337	0.928	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	9064	0.263	ng/ul#	89
19) Chrysene	21.84	228	9740	0.272	ng/ul	94
21) Benzo(b)fluoranthene	23.62	252	10871m	0.281	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	2287m	0.065	ng/ul	
23) Benzo(a)pyrene	24.32	252	2998	0.087	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	27.24	276	2249	0.059	ng/ul#	76
26) Benzo(g,h,i)perylene	28.12	276	1759	0.055	ng/ul#	86

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

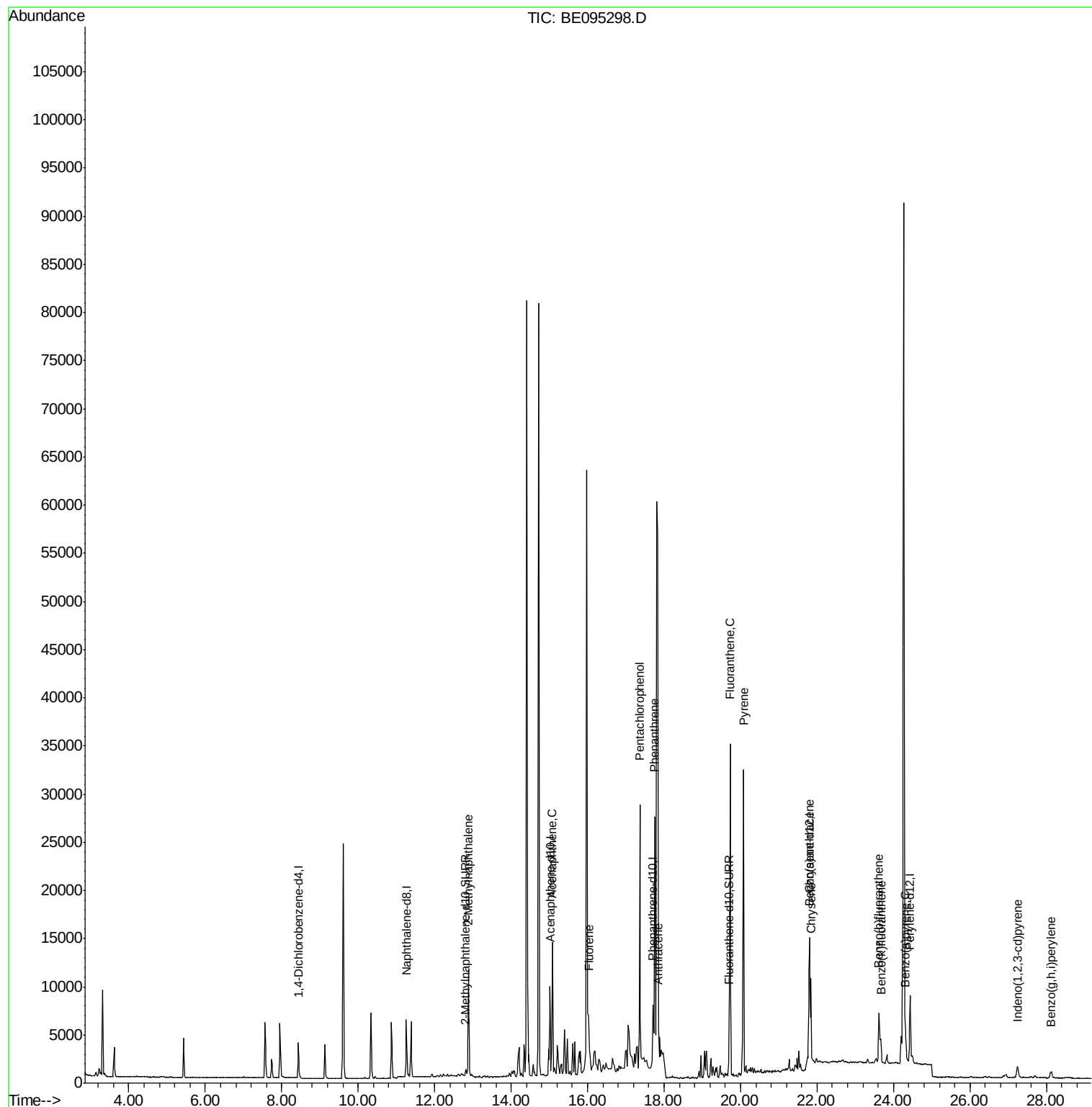
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
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Sample : J1223-02DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

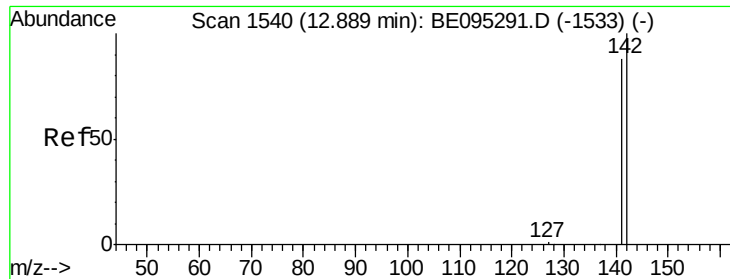
Instrument :
BNA_E
ClientSampleId :
F6A68DL

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Quant Time: Jan 31 08:06:17 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 03:40:45 2018
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#5

2-Methylnaphthalene

Concen: 0.593 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095298.D

Acq: 31 Jan 2018 3:38

Instrument :

BNA_E

ClientSampleId :

F6A68DL

Tot Ion:142 Resp: 8774

Ion Ratio Lower Upper

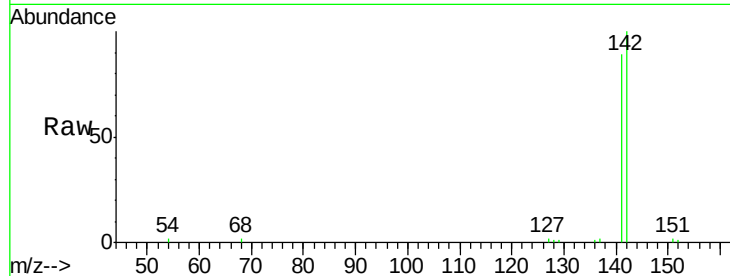
142 100

141 89.6 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.89

6000

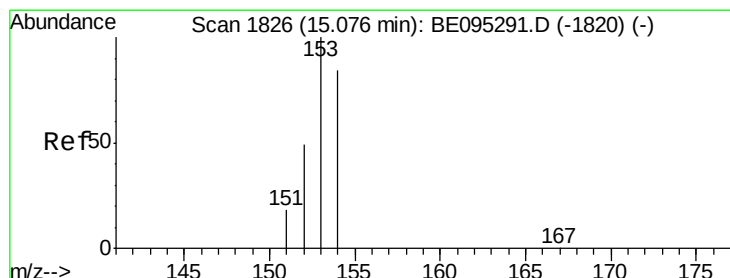
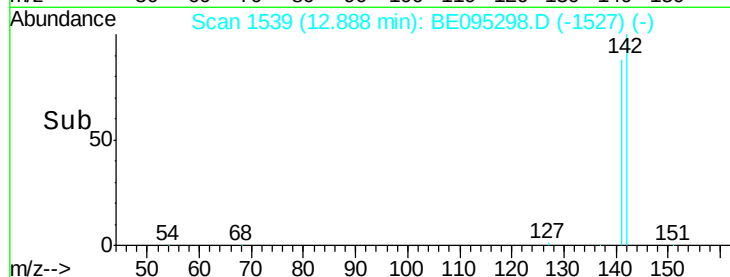
4000

2000

0

Time-->

12.80 12.85 12.90 12.95



#8

Acenaphthene

Concen: 0.431 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095298.D

Acq: 31 Jan 2018 3:38

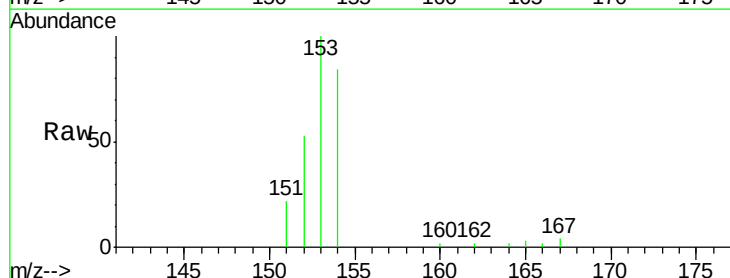
Tgt Ion:153 Resp: 8213

Ion Ratio Lower Upper

153 100

152 53.3 36.0 54.0

154 83.8 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

15.08

6000

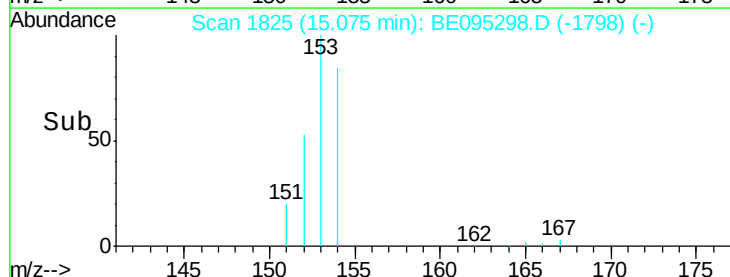
4000

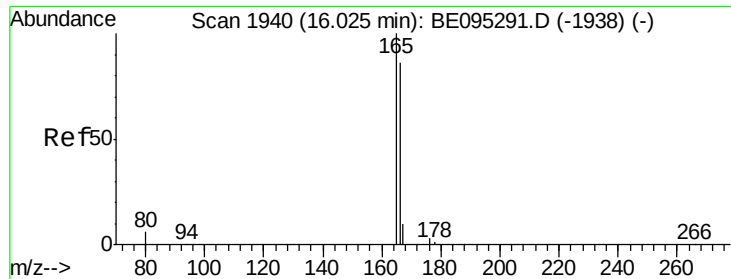
2000

0

Time-->

15.00 15.05 15.10





#9

Fluorene

Concen: 0.254 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095298.D

Acq: 31 Jan 2018 3:38

Instrument :

BNA_E

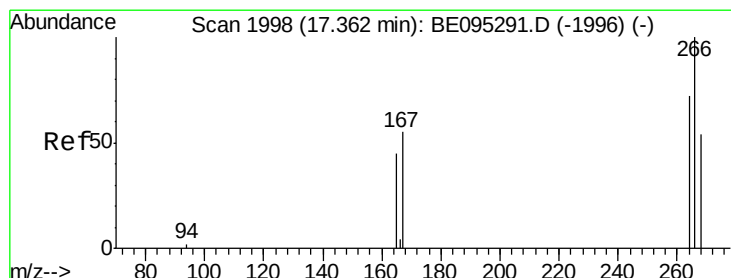
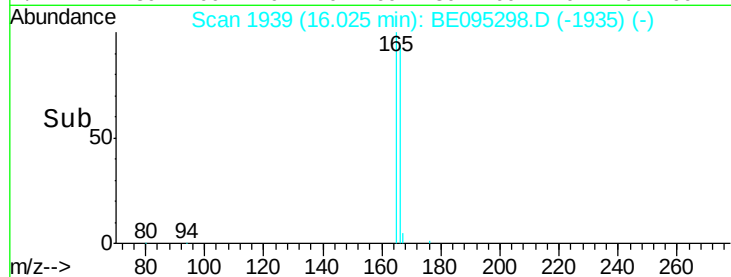
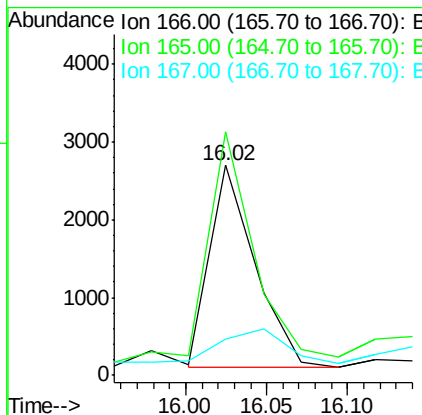
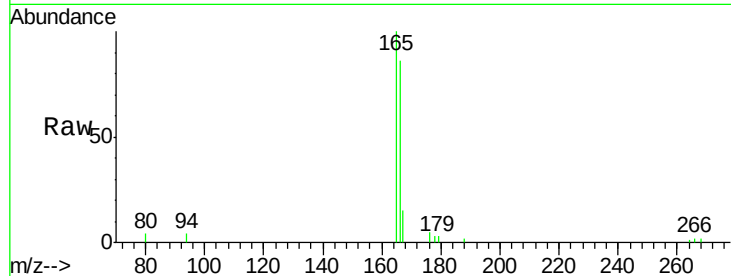
ClientSampleId :

F6A68DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	116.0	73.4	110.2
167	17.6	14.6	22.0

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#11

Pentachlorophenol

Concen: 8.026 ng/ul

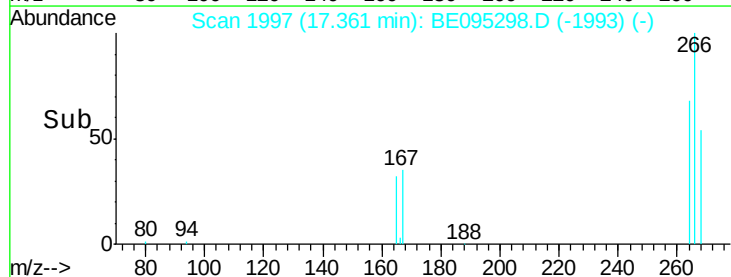
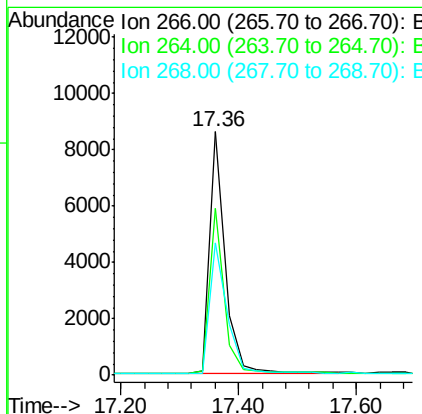
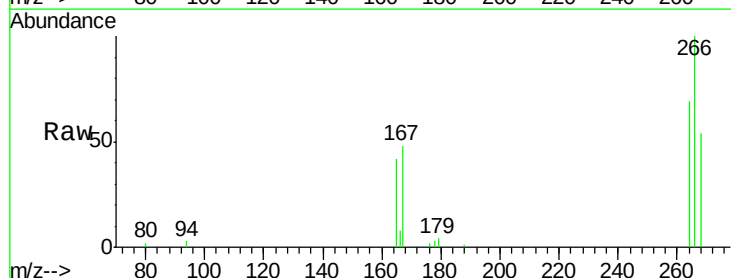
RT: 17.36 min Scan# 1997

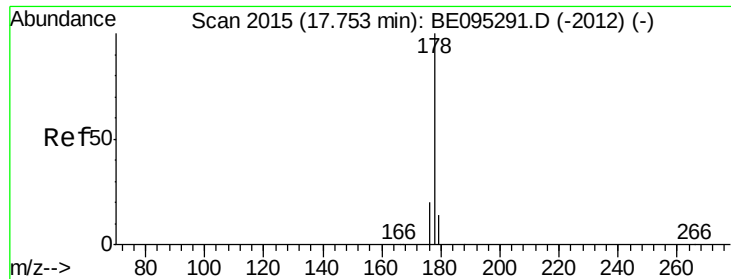
Delta R.T. -0.00 min

Lab File: BE095298.D

Acq: 31 Jan 2018 3:38

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.6	47.9	71.9
268	60.1	49.8	74.8





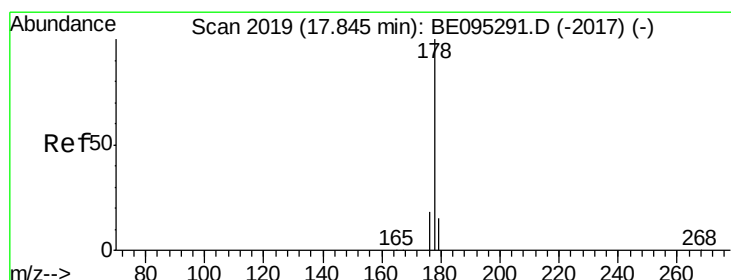
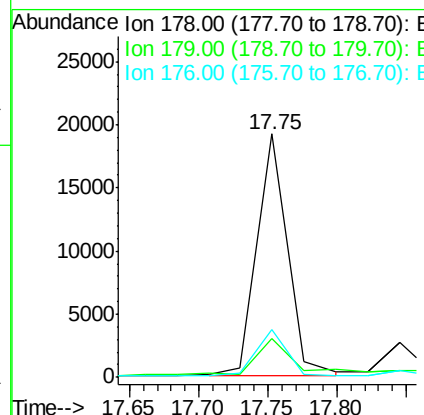
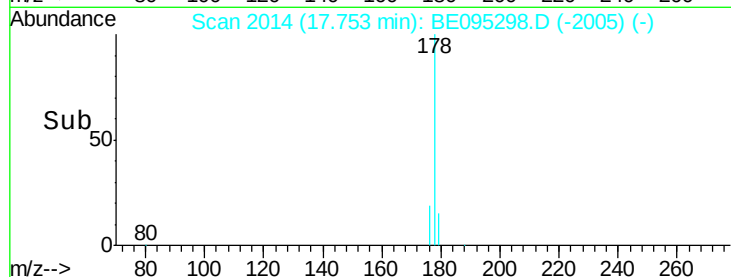
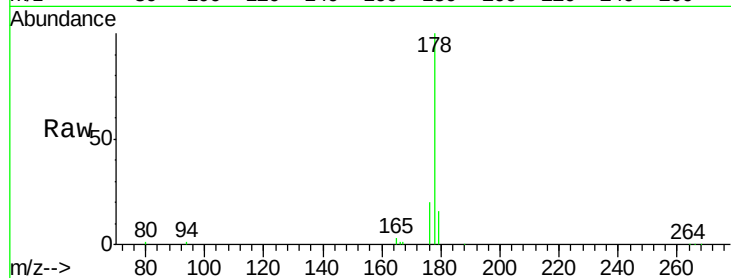
#12
Phenanthrene
Concen: 0.840 ng/ul m
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095298.D
Acq: 31 Jan 2018 3:38

Instrument :
BNA_E
ClientSampled :
F6A68DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	19.5	13.6	20.4

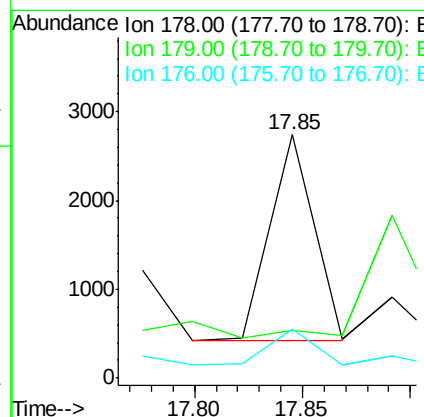
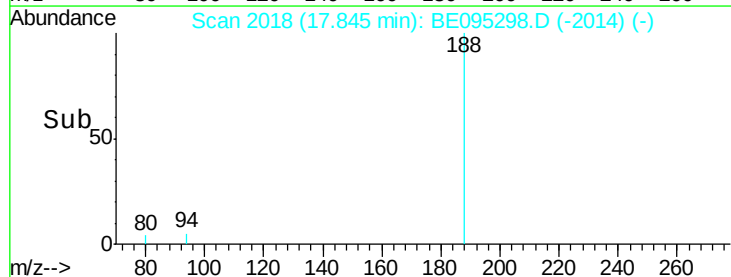
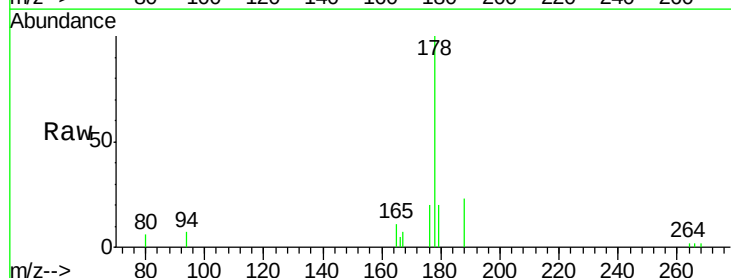
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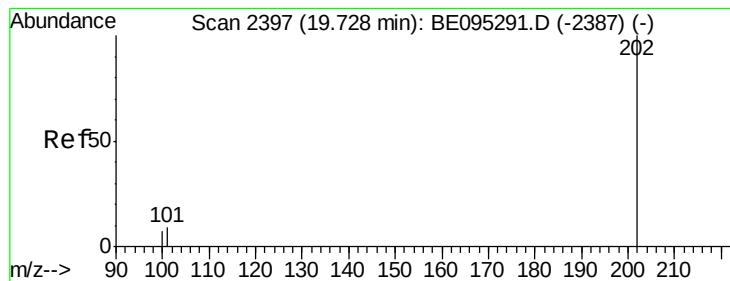
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#13
Anthracene
Concen: 0.103 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095298.D
Acq: 31 Jan 2018 3:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.8	18.1	27.1
176	20.4	14.7	22.1





#15

Fluoranthene

Concen: 0.870 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095298.D

Acq: 31 Jan 2018 3:38

Instrument :

BNA_E

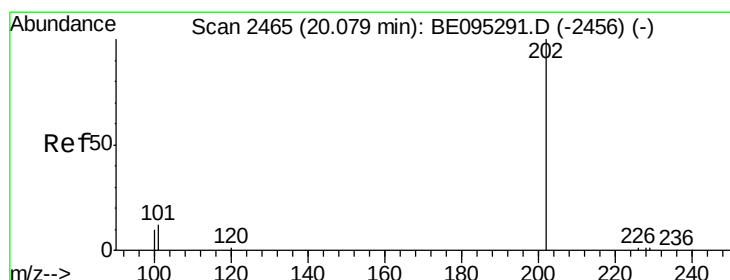
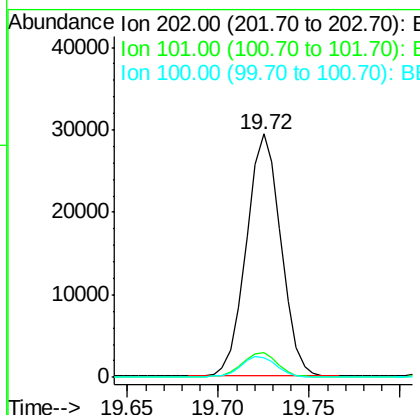
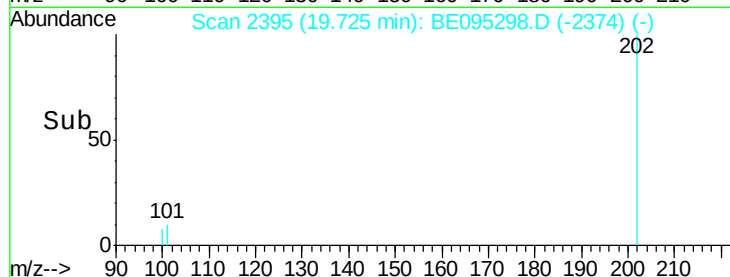
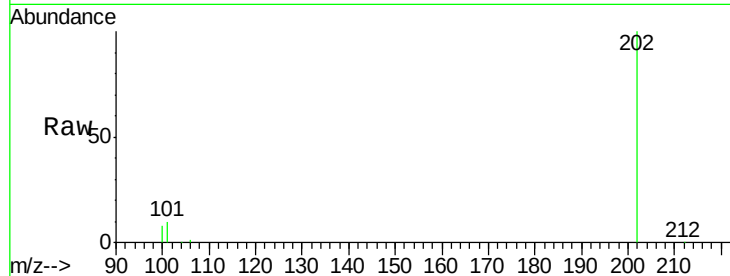
ClientSampleId :

F6A68DL

Tot Ion:	202	Resp:	39063
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.3
100	8.2	0.0	39.5

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#17

Pyrene

Concen: 0.928 ng/ul

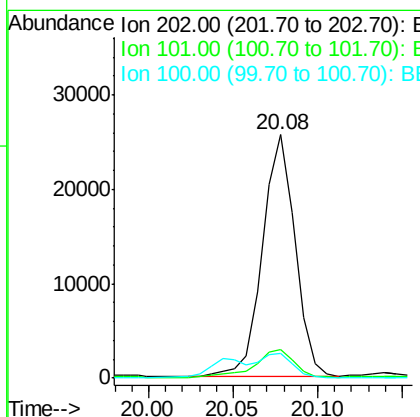
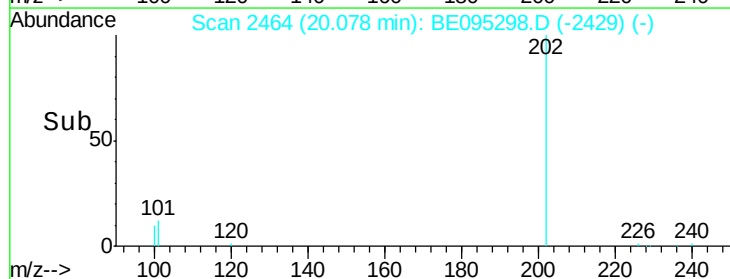
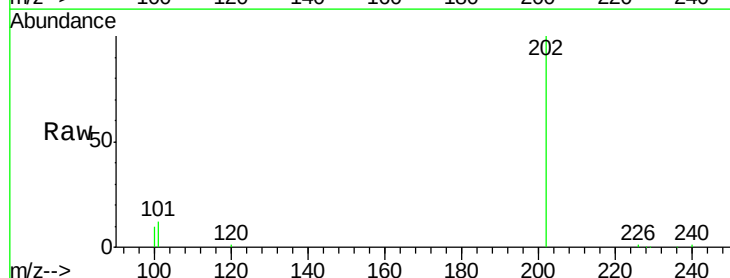
RT: 20.08 min Scan# 2464

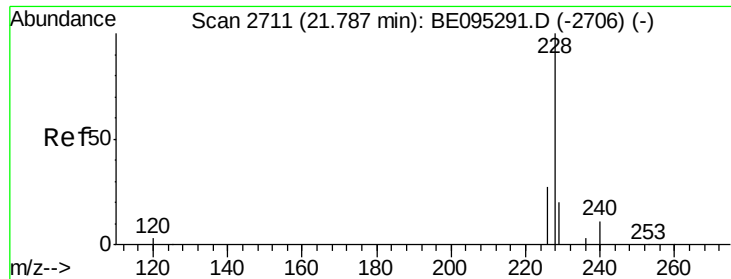
Delta R.T. -0.00 min

Lab File: BE095298.D

Acq: 31 Jan 2018 3:38

Tgt Ion:	202	Resp:	34337
Ion Ratio	Lower	Upper	
202	100		
101	12.0	18.2	27.4#
100	10.2	15.6	23.4#





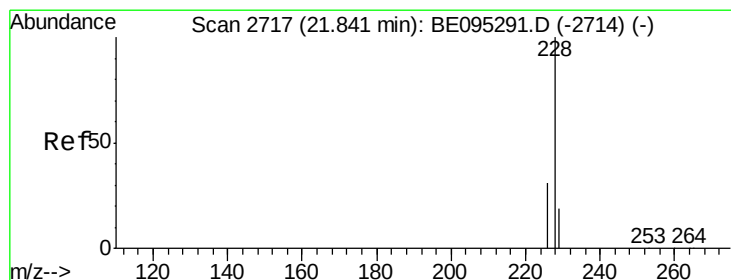
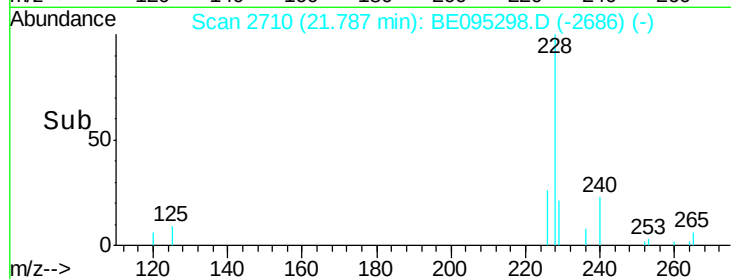
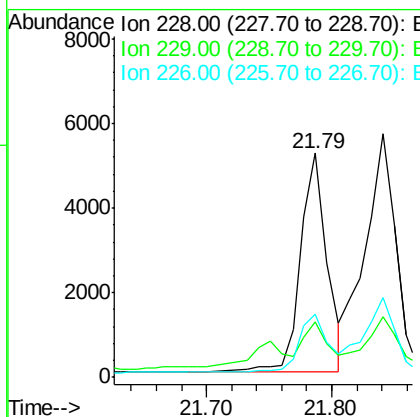
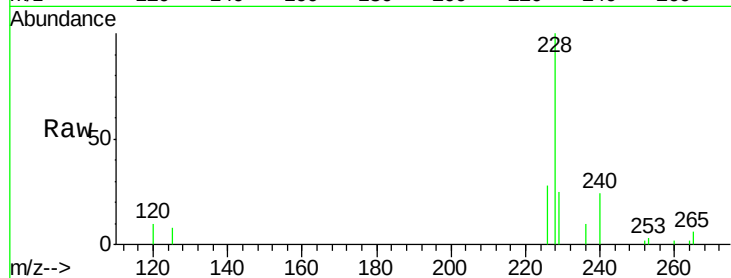
#18
Benzo(a)anthracene
Concen: 0.263 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095298.D
Acq: 31 Jan 2018 3:38

Instrument :
BNA_E
ClientSampleId :
F6A68DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.5	22.8	34.2
226	28.2	17.0	25.6

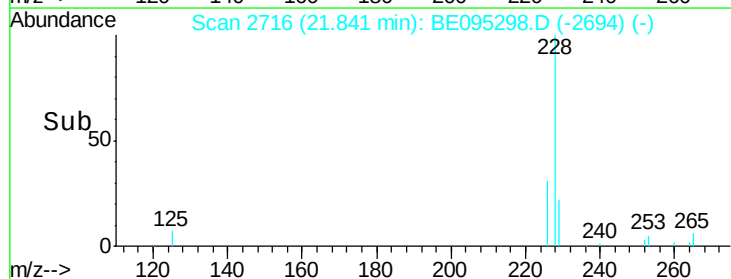
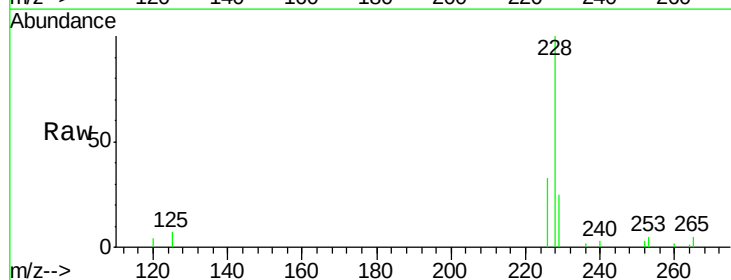
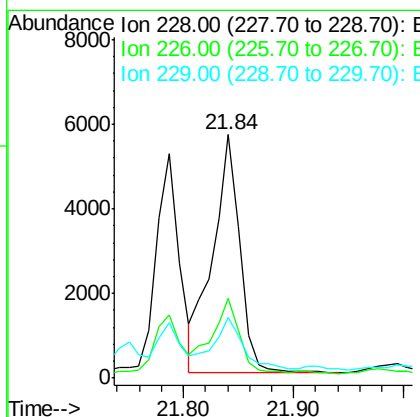
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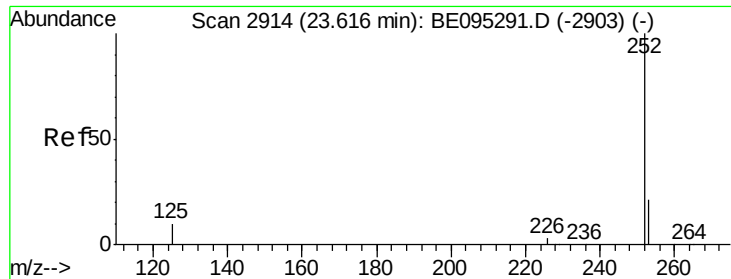
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#19
Chrysene
Concen: 0.272 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095298.D
Acq: 31 Jan 2018 3:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.0
229	24.6	17.7	26.5





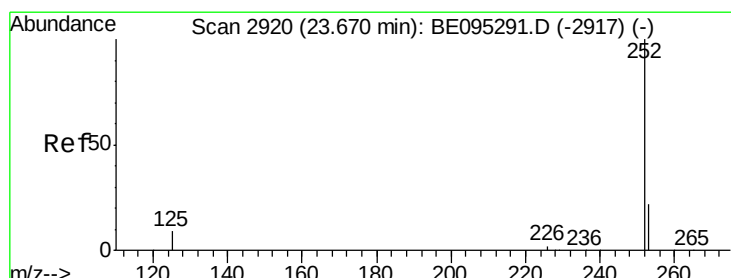
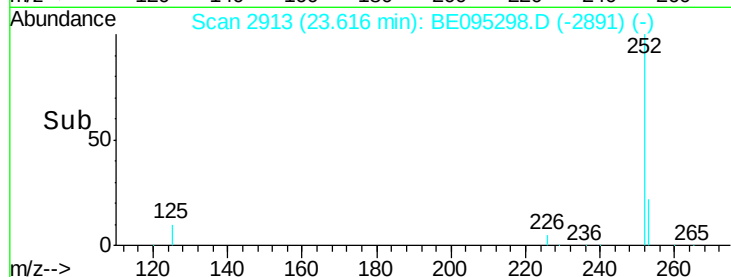
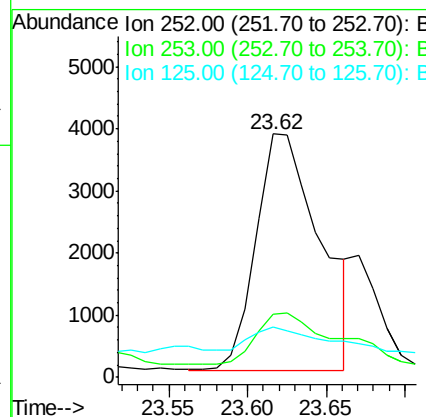
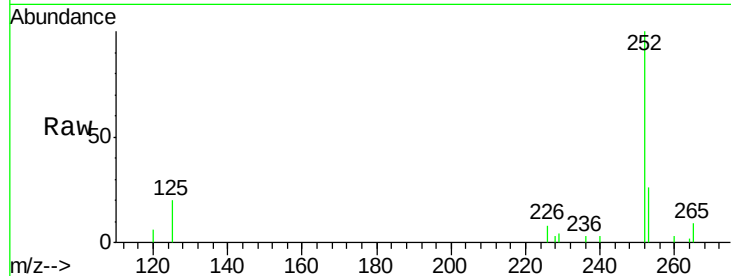
#21
Benzo(b)fluoranthene
Concen: 0.281 ng/ul m
RT: 23.62 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BE095298.D
Acq: 31 Jan 2018 3:38

Instrument :
BNA_E
ClientSampled :
F6A68DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.1	0.0	64.2
125	20.5	0.0	35.0

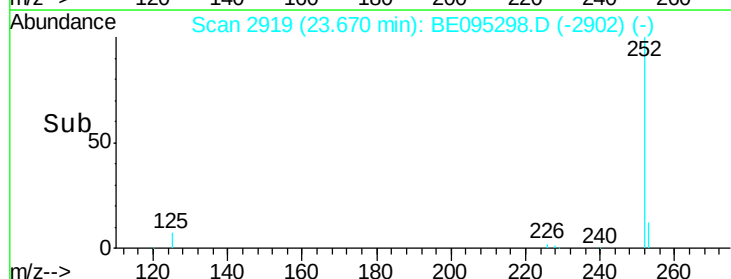
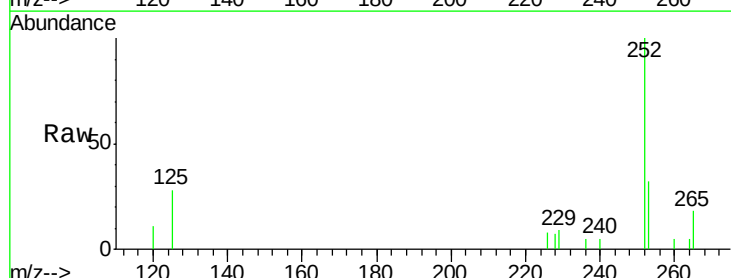
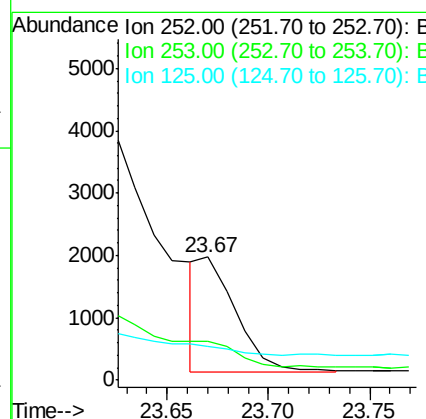
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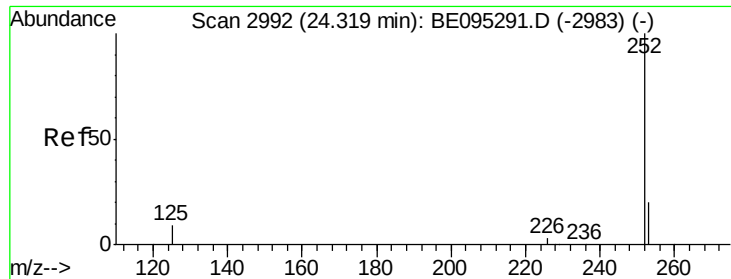
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#22
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE095298.D
Acq: 31 Jan 2018 3:38

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	32.0	24.5	36.7
125	27.6	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.087 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE095298.D

Acq: 31 Jan 2018 3:38

Instrument :

BNA_E

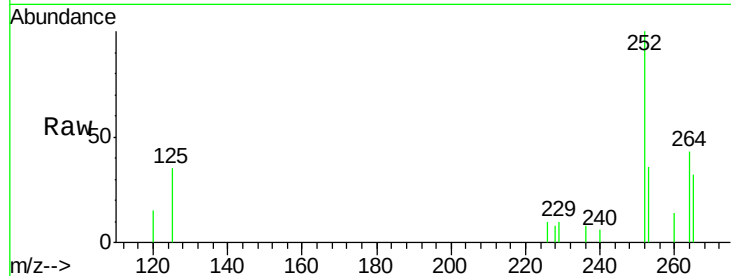
ClientSampleId :

F6A68DL

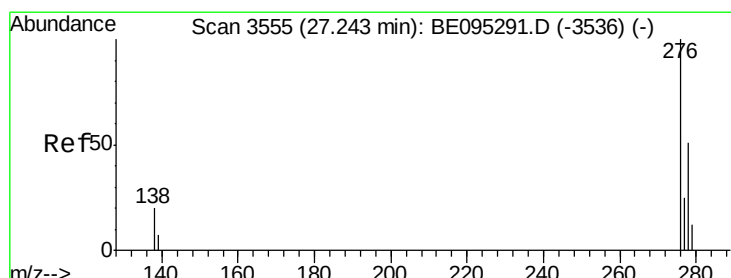
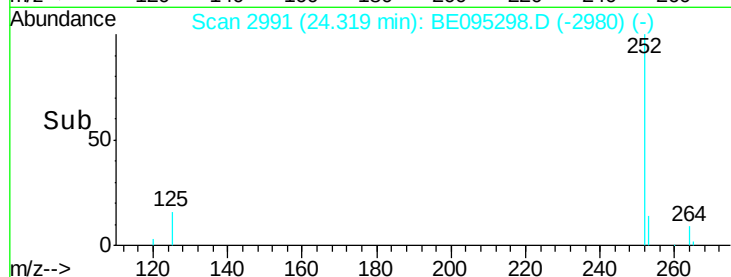
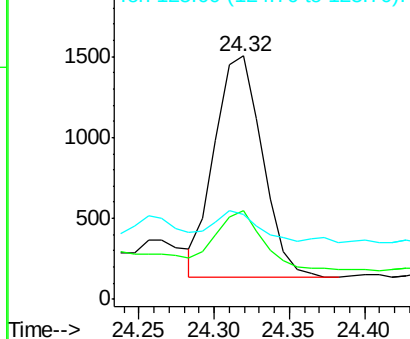
Tot Ion	Ratio	Lower	Upper
252	100		
253	36.2	28.5	42.7
125	34.7	18.1	27.1#

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: 0.059 ng/ul

RT: 27.24 min Scan# 3554

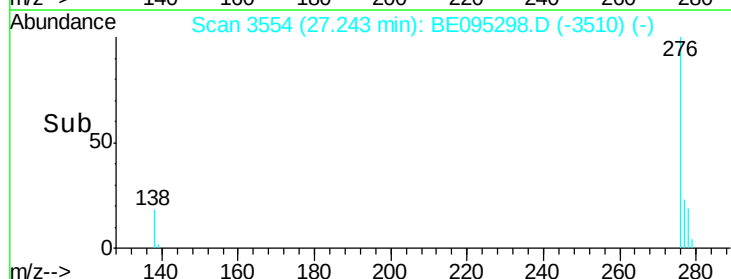
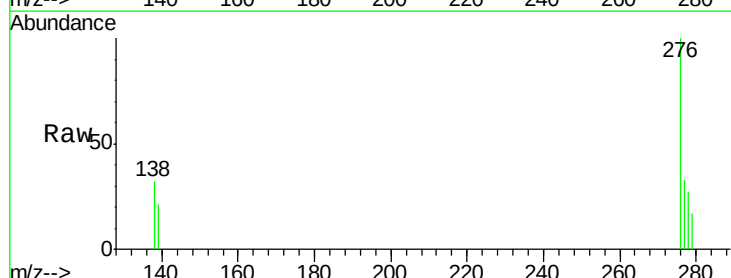
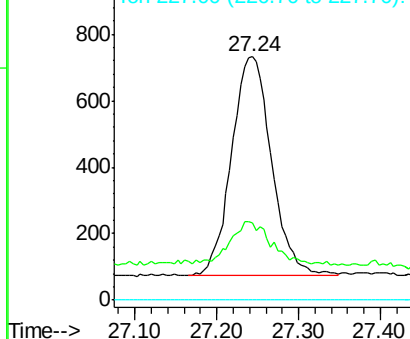
Delta R.T. -0.00 min

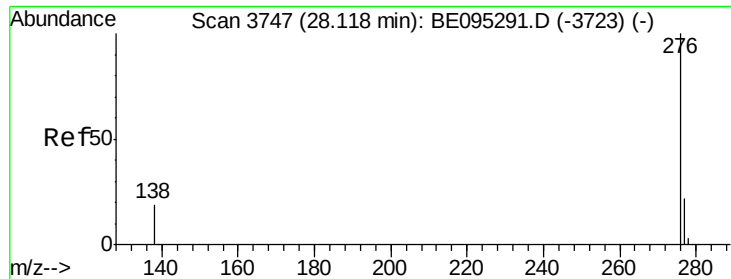
Lab File: BE095298.D

Acq: 31 Jan 2018 3:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	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: 0.055 ng/ul
RT: 28.12 min Scan# 3747
Delta R.T. 0.00 min
Lab File: BE095298.D
Acq: 31 Jan 2018 3:38

Instrument :
BNA_E
ClientSampleId :
F6A68DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.1	21.8	32.8#
277	33.1	20.5	30.7#

Manual Integrations
APPROVED

Sohil
1/31/2018 8:28:37 PM

