

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020118\
 Data File : BE095382.D
 Acq On : 2 Feb 2018 6:04
 Operator : SJ/JU
 Sample : J1295-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C11

Manual Integrations
 APPROVED

Sohil
 2/2/2018 4:42:39 PM

Quant Time: Feb 02 07:45:12 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2500	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8101	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5134	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10552m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10050	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8648m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4529	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	10968	0.27	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	1462	0.064	ng/ul#	74
5) 2-Methylnaphthalene	12.89	142	610	0.040	ng/ul	99
7) Acenaphthylene	14.74	152	4006	0.162	ng/ul#	89
11) Pentachlorophenol	17.36	266	404982	198.152	ng/ul#	56
12) Phenanthrene	17.75	178	45243	1.275	ng/ul#	88
13) Anthracene	17.85	178	8399	0.259	ng/ul	94
15) Fluoranthene	19.72	202	97841	2.129	ng/ul	83
17) Pyrene	20.08	202	75881	2.250	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	15927	0.507	ng/ul#	90
19) Chrysene	21.84	228	37917	1.162	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	47548m	1.558	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	9905m	0.355	ng/ul	
23) Benzo(a)pyrene	24.32	252	4917m	0.180	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.27	276	12471m	0.417	ng/ul	
25) Dibenzo(a,h)anthracene	27.27	278	3163m	0.129	ng/ul	
26) Benzo(a,h,i)perylene	28.13	276	9891m	0.391	ng/ul	

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

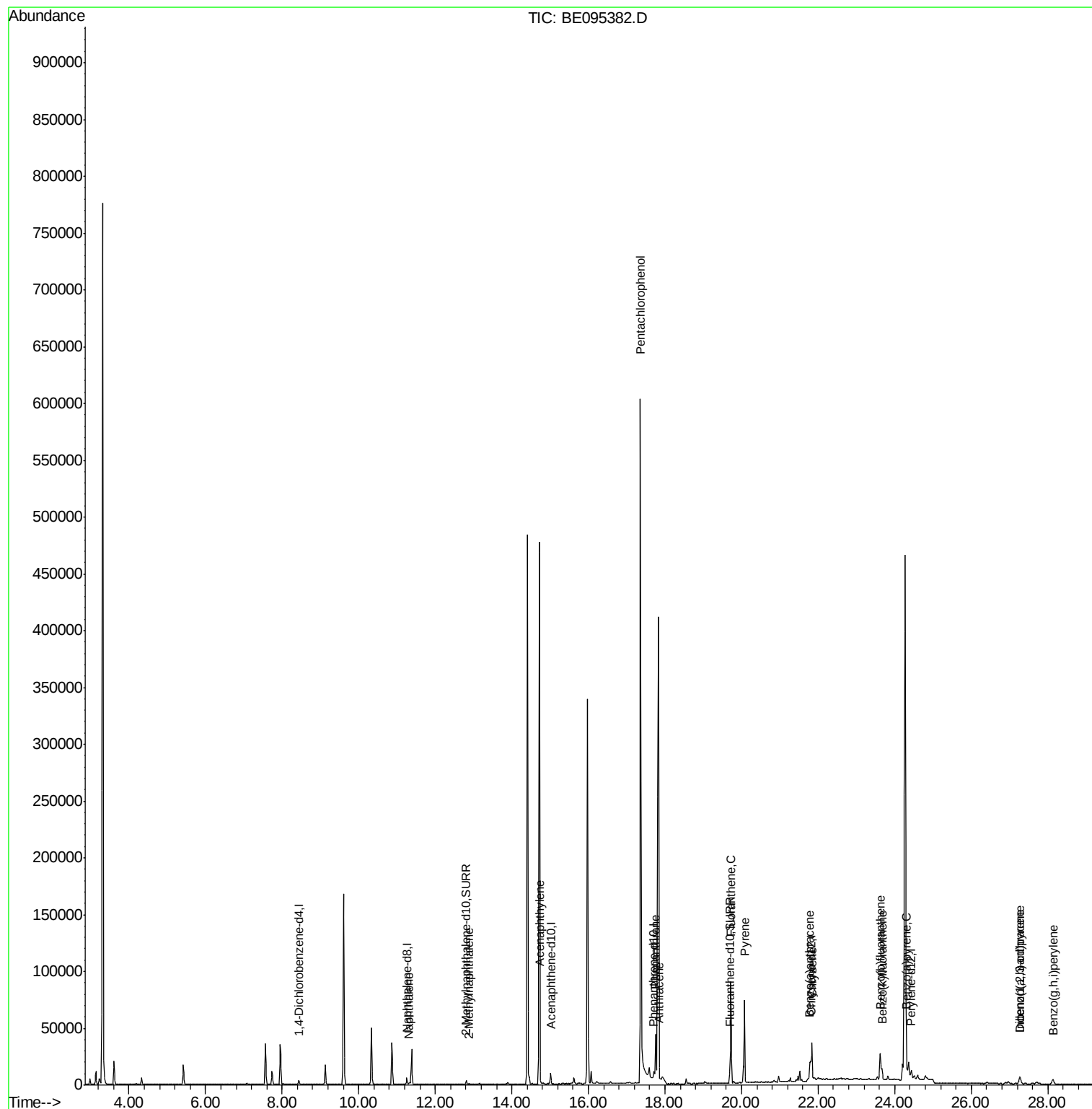
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020118\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

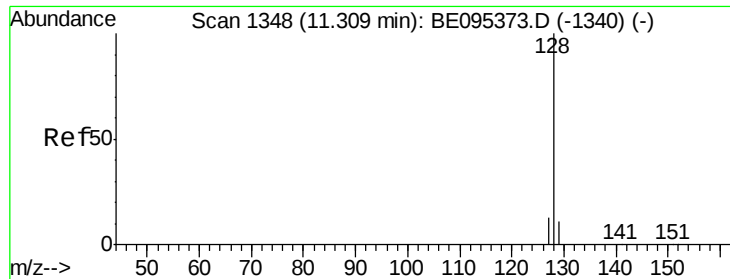
Instrument :
BNA_E
ClientSampleId :
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Quant Time: Feb 02 07:45:12 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.064 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095382.D

Acq: 2 Feb 2018 6:04

Instrument :

BNA_E

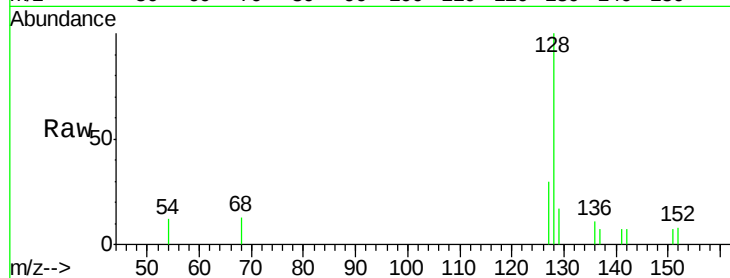
ClientSampleId :

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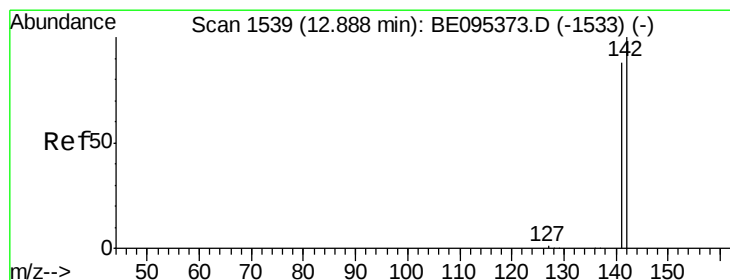
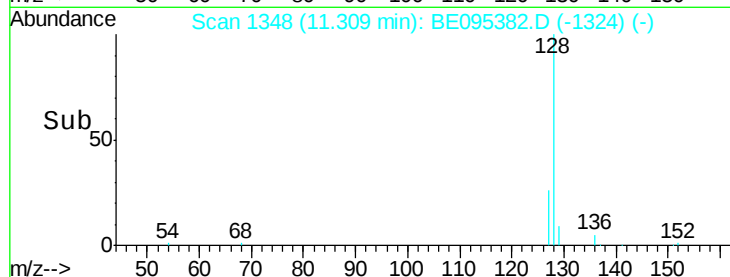
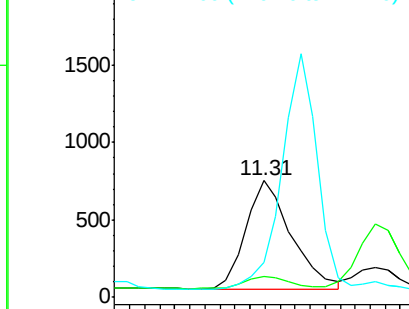
Tot Ion:	128	Resp:	1462
Ion Ratio	Lower	Upper	
128	100		
129	17.5	11.3	16.9#
127	30.1	4.0	6.0#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

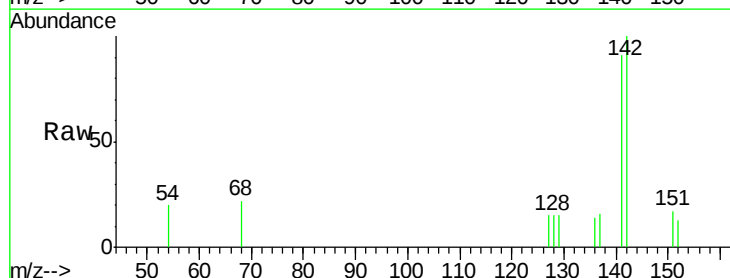
RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

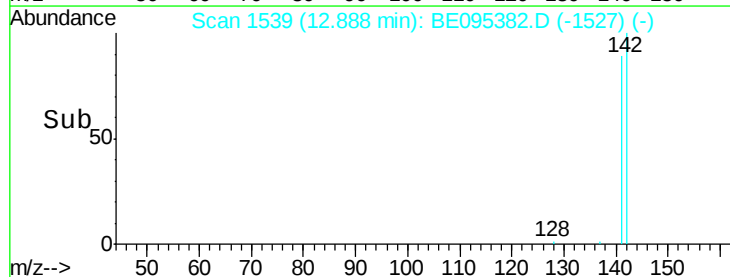
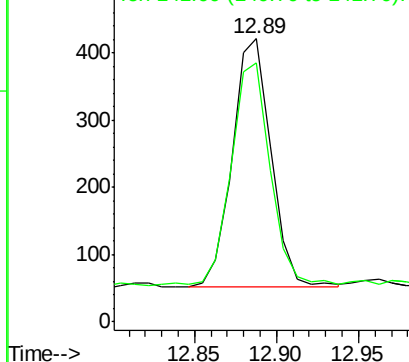
Lab File: BE095382.D

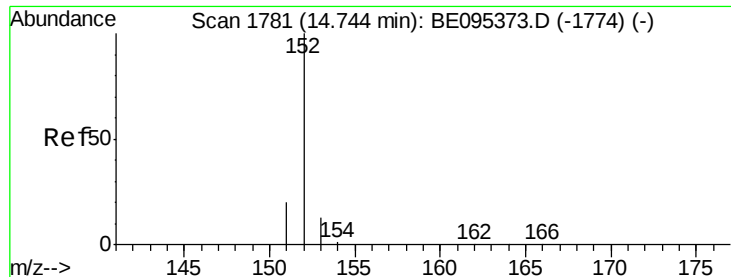
Acq: 2 Feb 2018 6:04

Tgt Ion:	142	Resp:	610
Ion Ratio	Lower	Upper	
142	100		
141	90.2	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.162 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095382.D

Acq: 2 Feb 2018 6:04

Instrument :

BNA_E

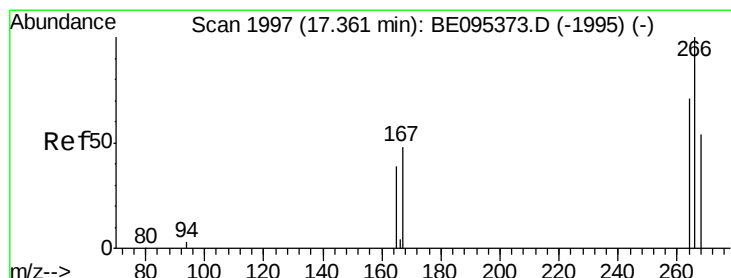
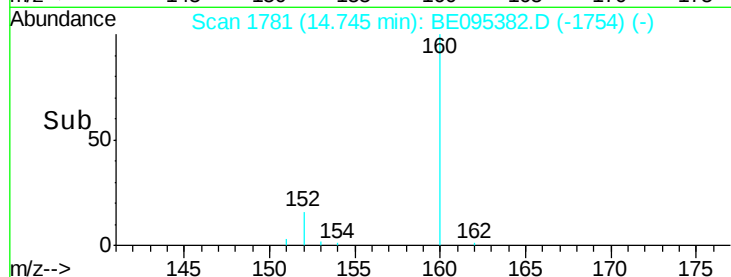
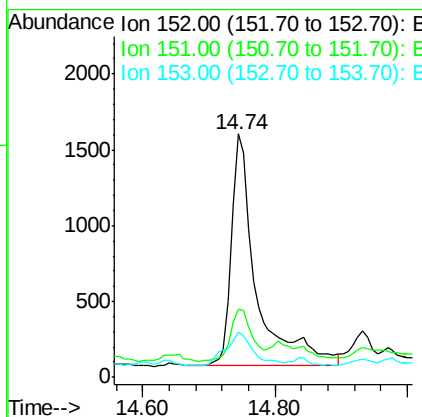
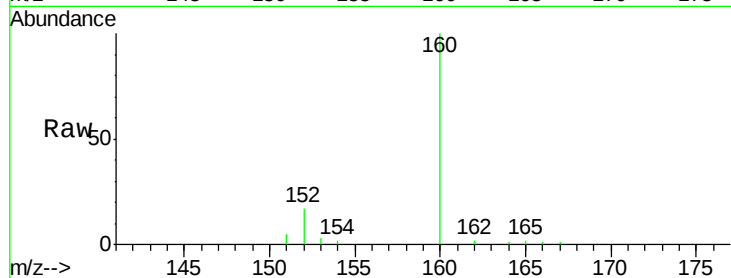
ClientSampleId :

F6C11

Tot Ion	Ratio	Lower	Upper
152	100		
151	28.3	17.1	25.7#
153	18.8	12.8	19.2

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#11

Pentachlorophenol

Concen: 198.152 ng/ul

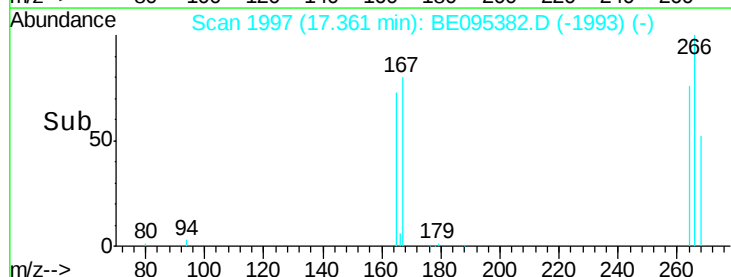
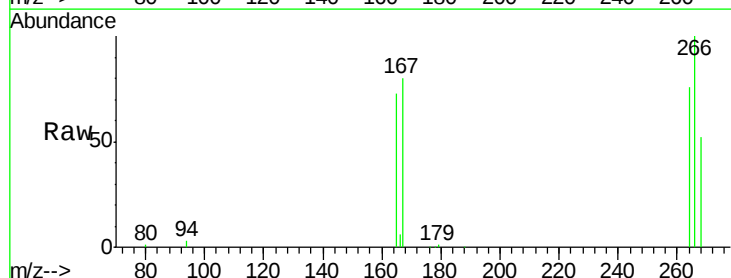
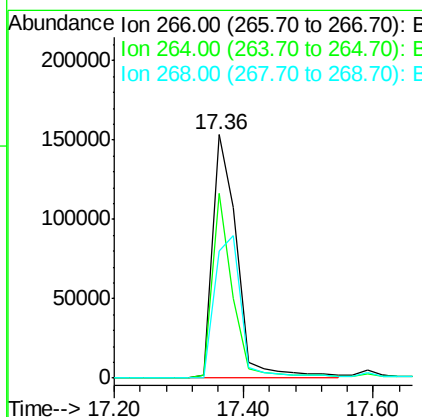
RT: 17.36 min Scan# 1997

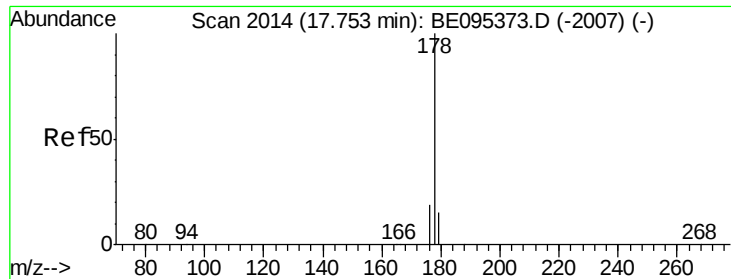
Delta R.T. -0.00 min

Lab File: BE095382.D

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Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.7	47.9	71.9
268	0.0	49.8	74.8#





#12

Phenanthrene

Concen: 1.275 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095382.D

Acq: 2 Feb 2018 6:04

Instrument :

BNA_E

ClientSampleId :

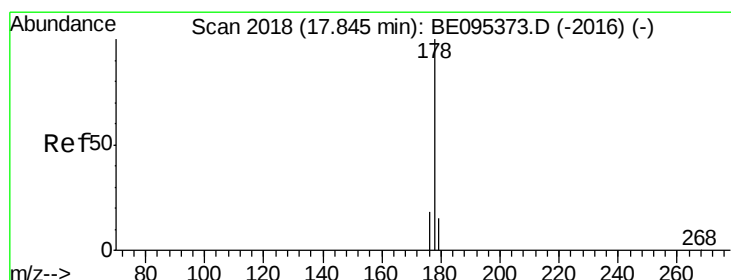
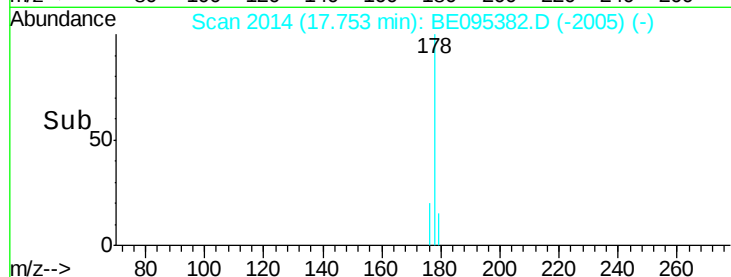
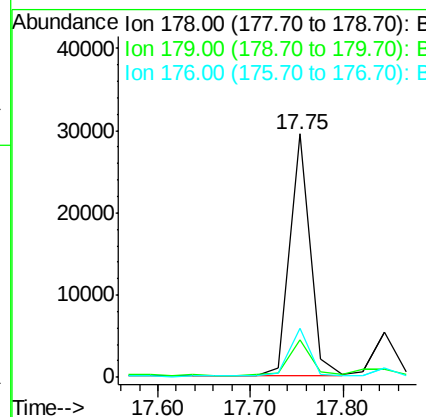
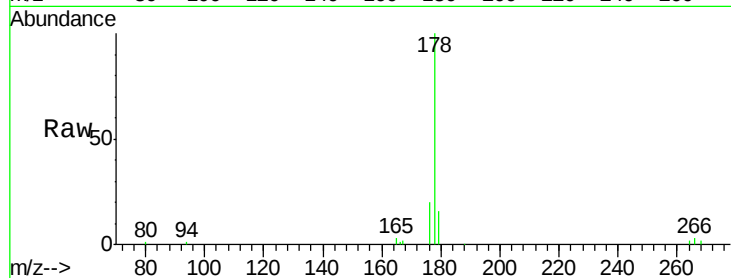
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Tot Ion:178 Resp: 45243

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	20.4	13.6	20.4

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#13

Anthracene

Concen: 0.259 ng/ul

RT: 17.85 min Scan# 2018

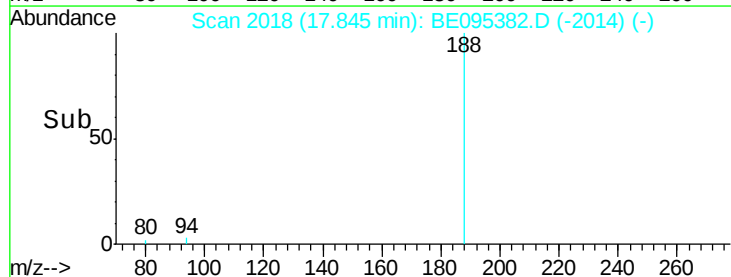
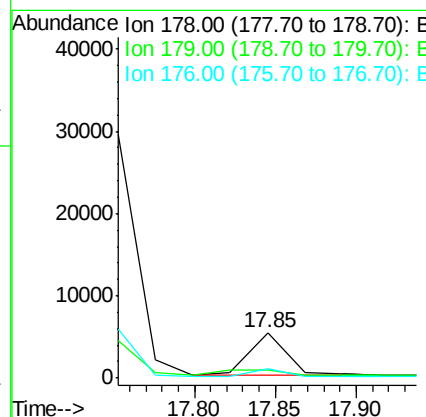
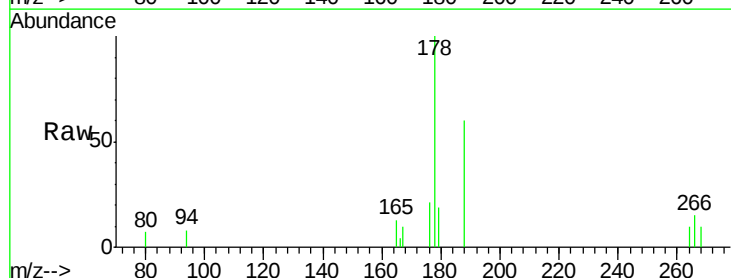
Delta R.T. -0.00 min

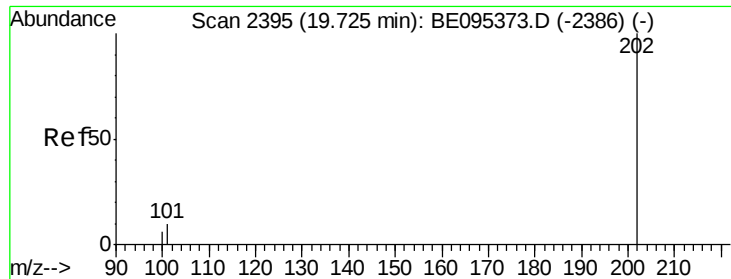
Lab File: BE095382.D

Acq: 2 Feb 2018 6:04

Tgt Ion:178 Resp: 8399

Ion	Ratio	Lower	Upper
178	100		
179	19.1	18.1	27.1
176	20.5	14.7	22.1





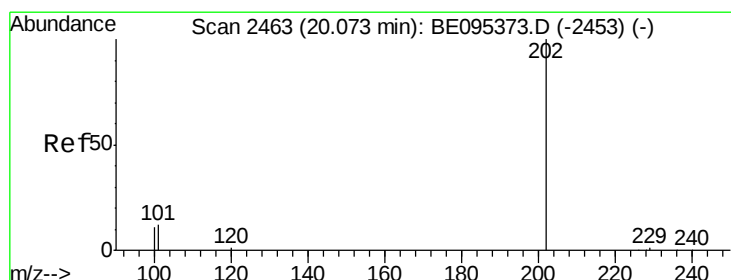
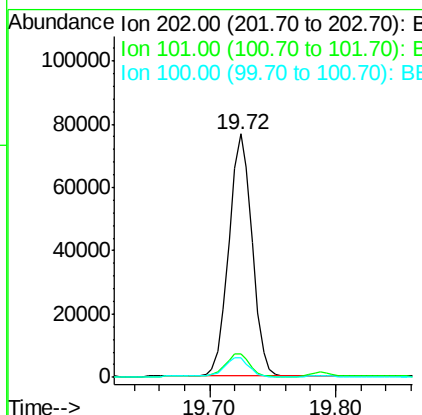
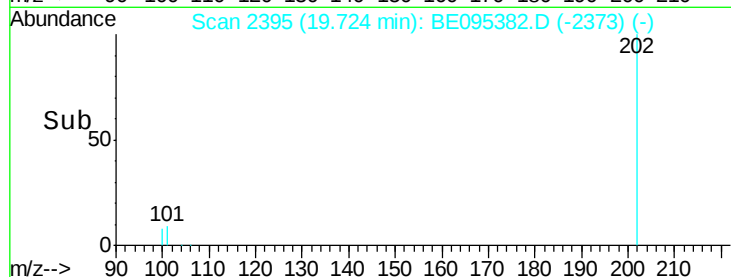
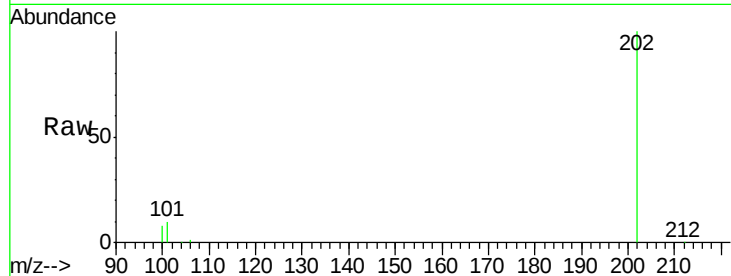
#15
Fluoranthene
Concen: 2.129 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE095382.D
Acq: 2 Feb 2018 6:04

Instrument :
BNA_E
ClientSampled :
F6C11

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	30.3
100	7.8	0.0	39.5

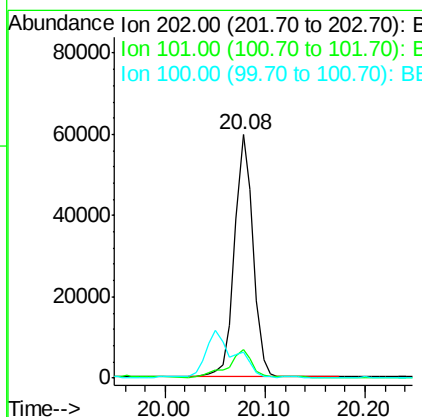
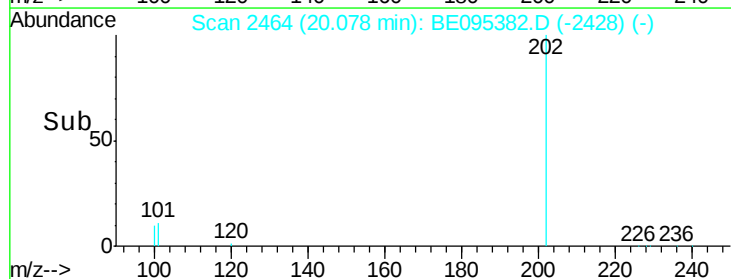
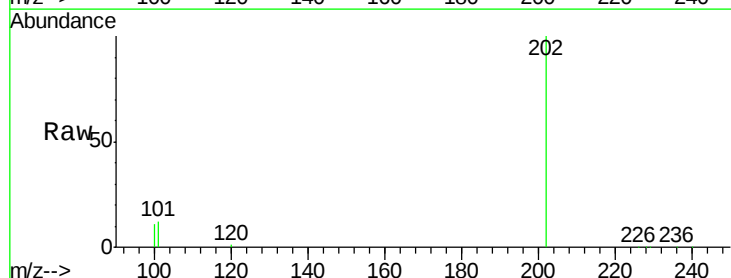
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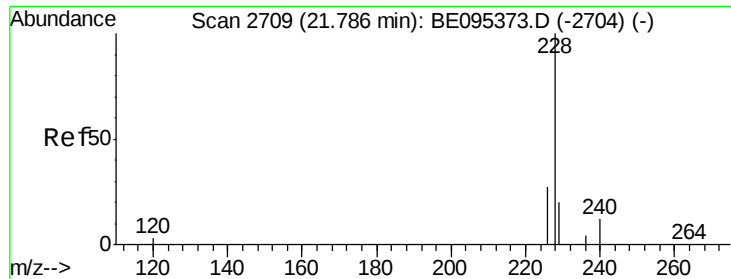
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#17
Pyrene
Concen: 2.250 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095382.D
Acq: 2 Feb 2018 6:04

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	18.2	27.4#
100	10.6	15.6	23.4#





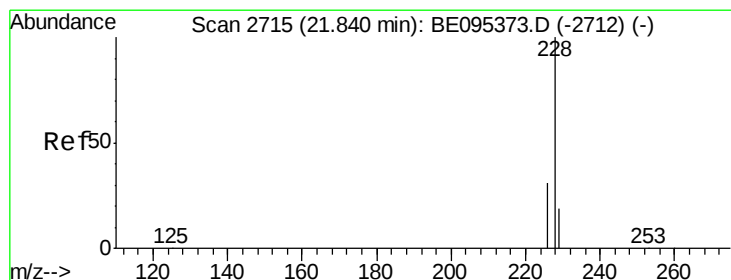
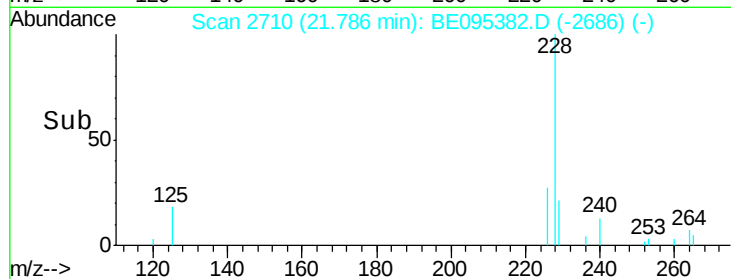
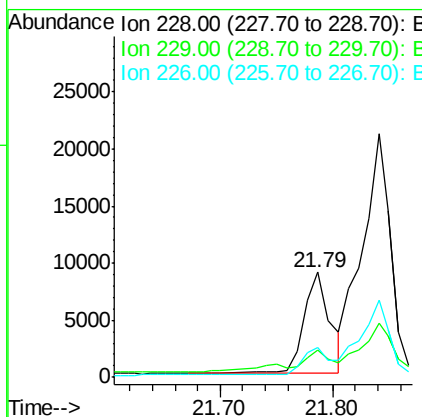
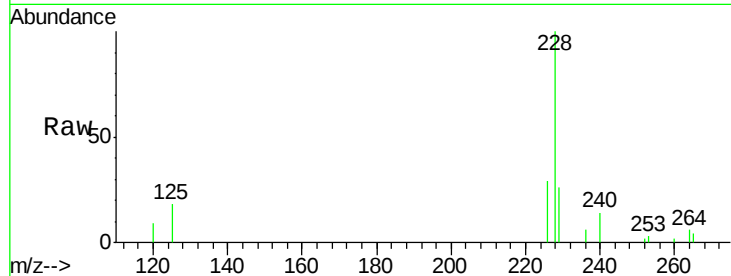
#18
Benzo(a)anthracene
Concen: 0.507 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095382.D
Acq: 2 Feb 2018 6:04

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	25.7	22.8	34.2
226	28.6	17.0	25.6

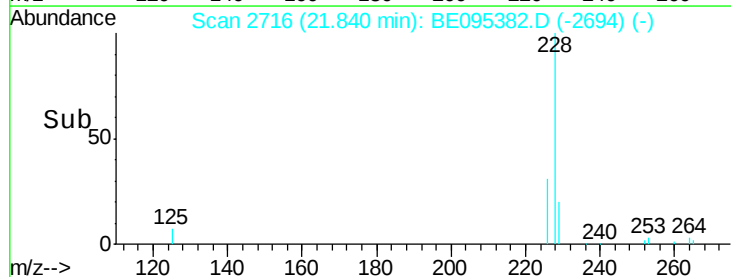
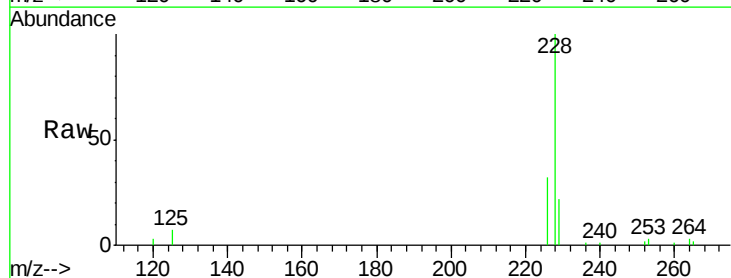
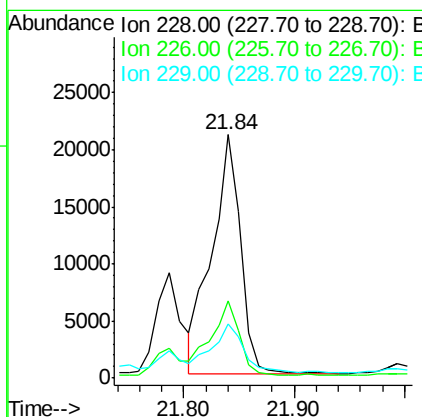
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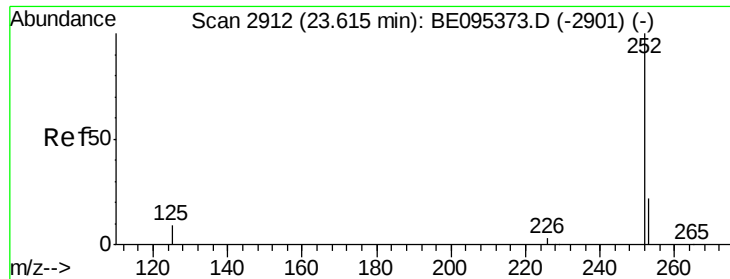
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#19
Chrysene
Concen: 1.162 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095382.D
Acq: 2 Feb 2018 6:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	22.2	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.558 ng/ul m

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095382.D

Acq: 2 Feb 2018 6:04

Instrument :

BNA_E

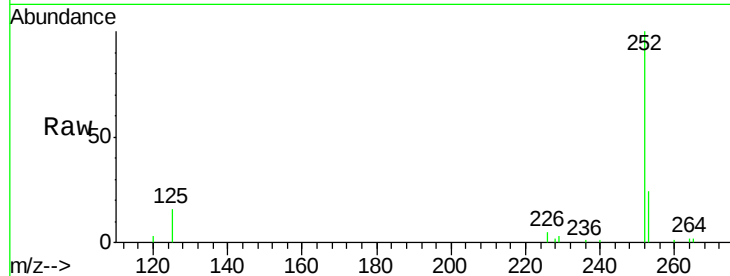
ClientSampleId :

F6C11

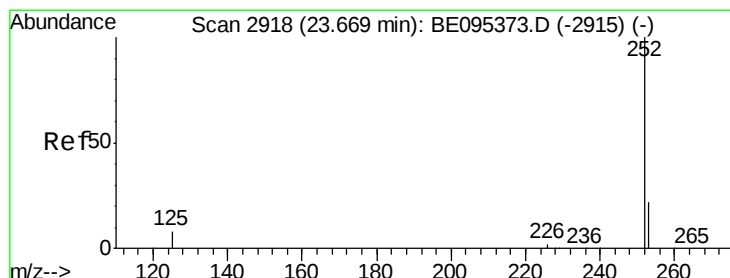
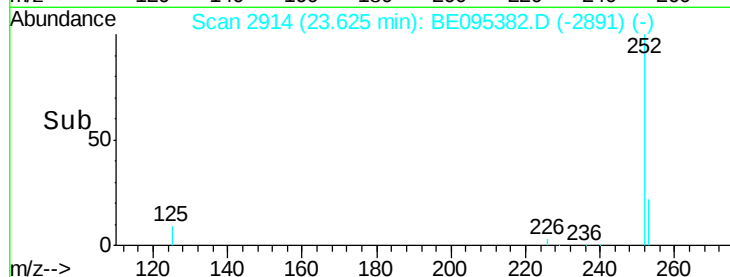
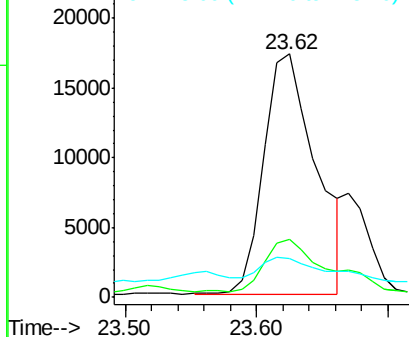
Tot Ion:	252	Resp:	47548
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	64.2
125	15.7	0.0	35.0

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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



#22

Benzo(k)fluoranthene

Concen: 0.355 ng/ul m

RT: 23.67 min Scan# 2919

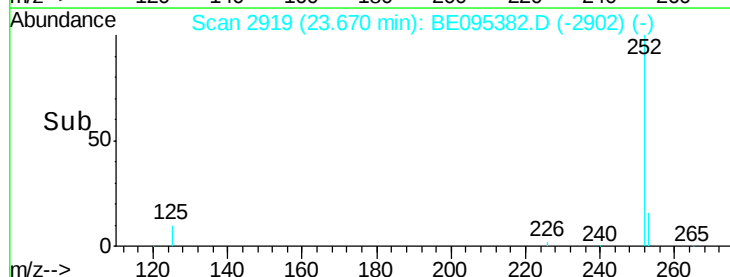
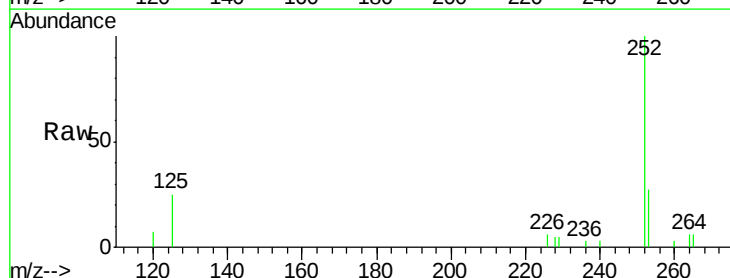
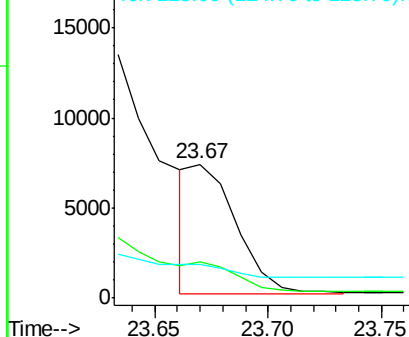
Delta R.T. 0.00 min

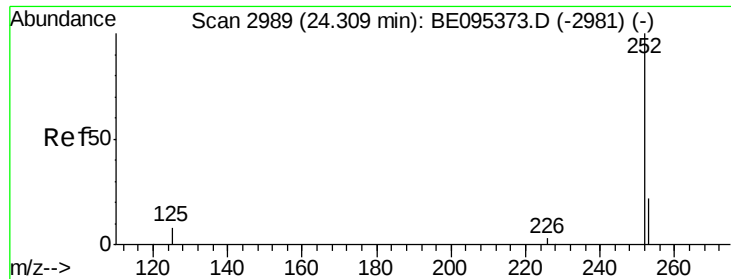
Lab File: BE095382.D

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Tgt Ion:	252	Resp:	9905
Ion Ratio	Lower	Upper	
252	100		
253	26.9	24.5	36.7
125	25.3	13.7	20.5#

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: 0.180 ng/ul m

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095382.D

Acq: 2 Feb 2018 6:04

Instrument :

BNA_E

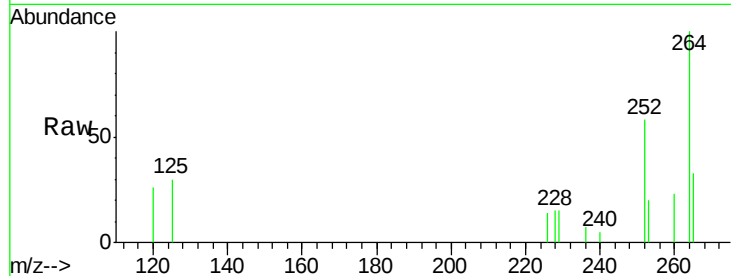
ClientSampleId :

F6C11

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.0	28.5	42.7
125	51.8	18.1	27.1#

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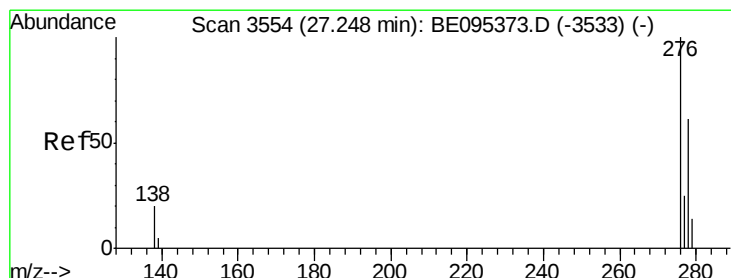
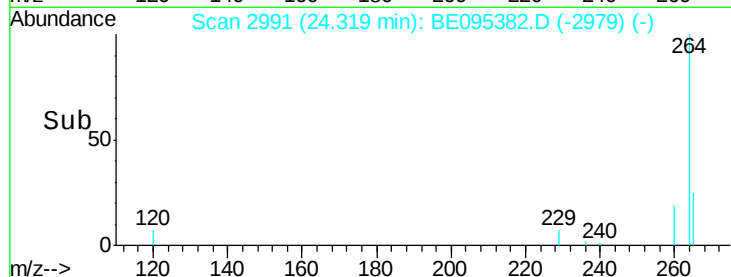
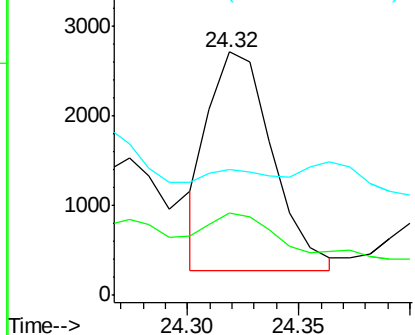


Abundance

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: 0.417 ng/ul m

RT: 27.27 min Scan# 3560

Delta R.T. 0.02 min

Lab File: BE095382.D

Acq: 2 Feb 2018 6:04

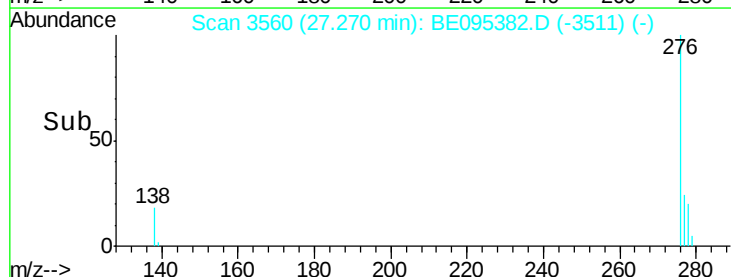
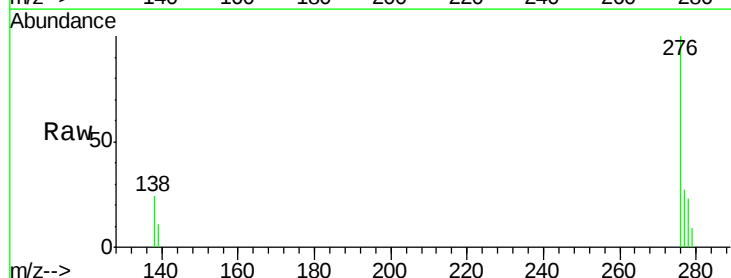
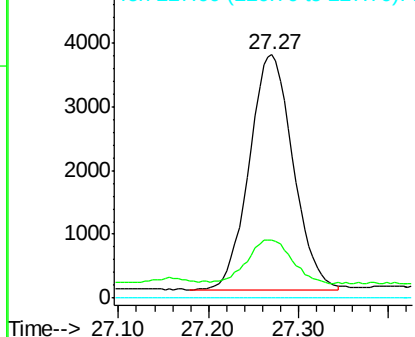
Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.9	28.0	42.0#
227	0.0	8.0	12.0#

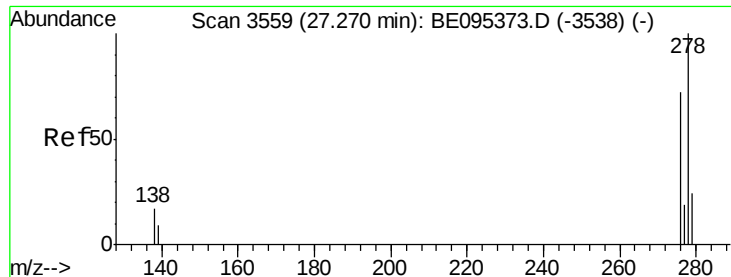
Abundance

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





#25

Dibenzo(a,h)anthracene

Concen: 0.129 ng/ul m

RT: 27.27 min Scan# 3561

Delta R.T. 0.00 min

Lab File: BE095382.D

Acq: 2 Feb 2018 6:04

Instrument :

BNA_E

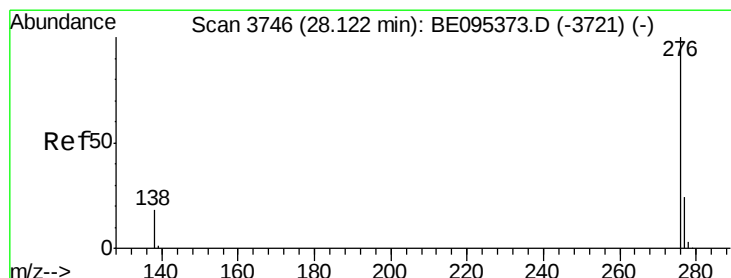
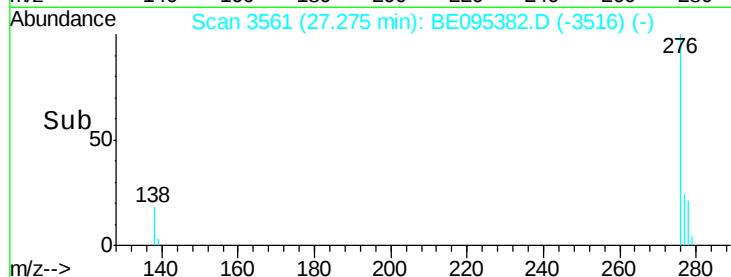
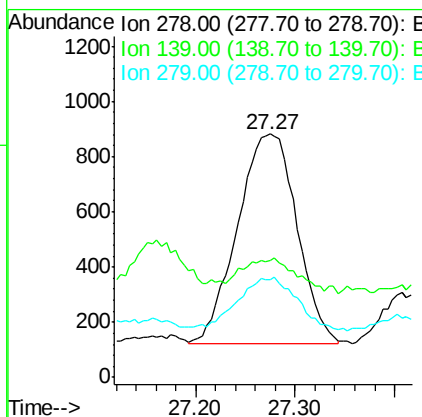
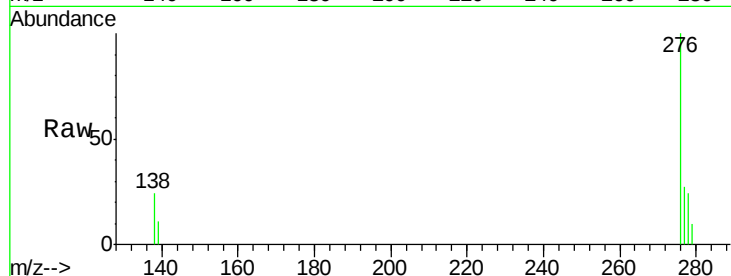
ClientSampleId :

F6C11

Tot Ion:	278	Resp:	3163
Ion Ratio	Lower	Upper	
278	100		
139	48.2	17.4	26.0#
279	40.4	25.9	38.9#

Manual Integrations
APPROVED

Sohil
2/2/2018 4:42:39 PM



#26

Benzo(g,h,i)perylene

Concen: 0.391 ng/ul m

RT: 28.13 min Scan# 3749

Delta R.T. 0.01 min

Lab File: BE095382.D

Acq: 2 Feb 2018 6:04

Tgt Ion:	276	Resp:	9891
Ion Ratio	Lower	Upper	
276	100		
138	26.9	21.8	32.8
277	27.9	20.5	30.7

