

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095221.D
 Acq On : 28 Jan 2018 23:40
 Operator : SJ/JU
 Sample : J1222-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A33

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:25:44 PM

Quant Time: Jan 29 08:08:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 06:58:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2741	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	8792	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5622	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	12003m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11670	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10655m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3922	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11389	0.25	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.32	128	888	0.036	ng/ul#	75
5) 2-Methylnaphthalene	12.89	142	558	0.034	ng/ul	96
7) Acenaphthylene	14.75	152	624	0.023	ng/ul#	67
8) Acenaphthene	15.08	153	471	0.022	ng/ul#	87
11) Pentachlorophenol	17.36	266	7428	3.195	ng/ul	96
12) Phenanthrene	17.75	178	5789	0.143	ng/ul#	89
13) Anthracene	17.85	178	1788	0.048	ng/ul#	89
15) Fluoranthene	19.72	202	20928	0.400	ng/ul	84
17) Pyrene	20.08	202	24350	0.622	ng/ul#	81
18) Benzo(a)anthracene	21.79	228	10810	0.296	ng/ul#	90
19) Chrysene	21.84	228	13572	0.358	ng/ul	92
21) Benzo(b)fluoranthene	23.63	252	14696m	0.391	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	5439m	0.158	ng/ul	
23) Benzo(a)pyrene	24.32	252	6541m	0.195	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	4959m	0.135	ng/ul	
25) Dibenzo(a,h)anthracene	27.25	278	1209m	0.040	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	4375m	0.140	ng/ul	

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

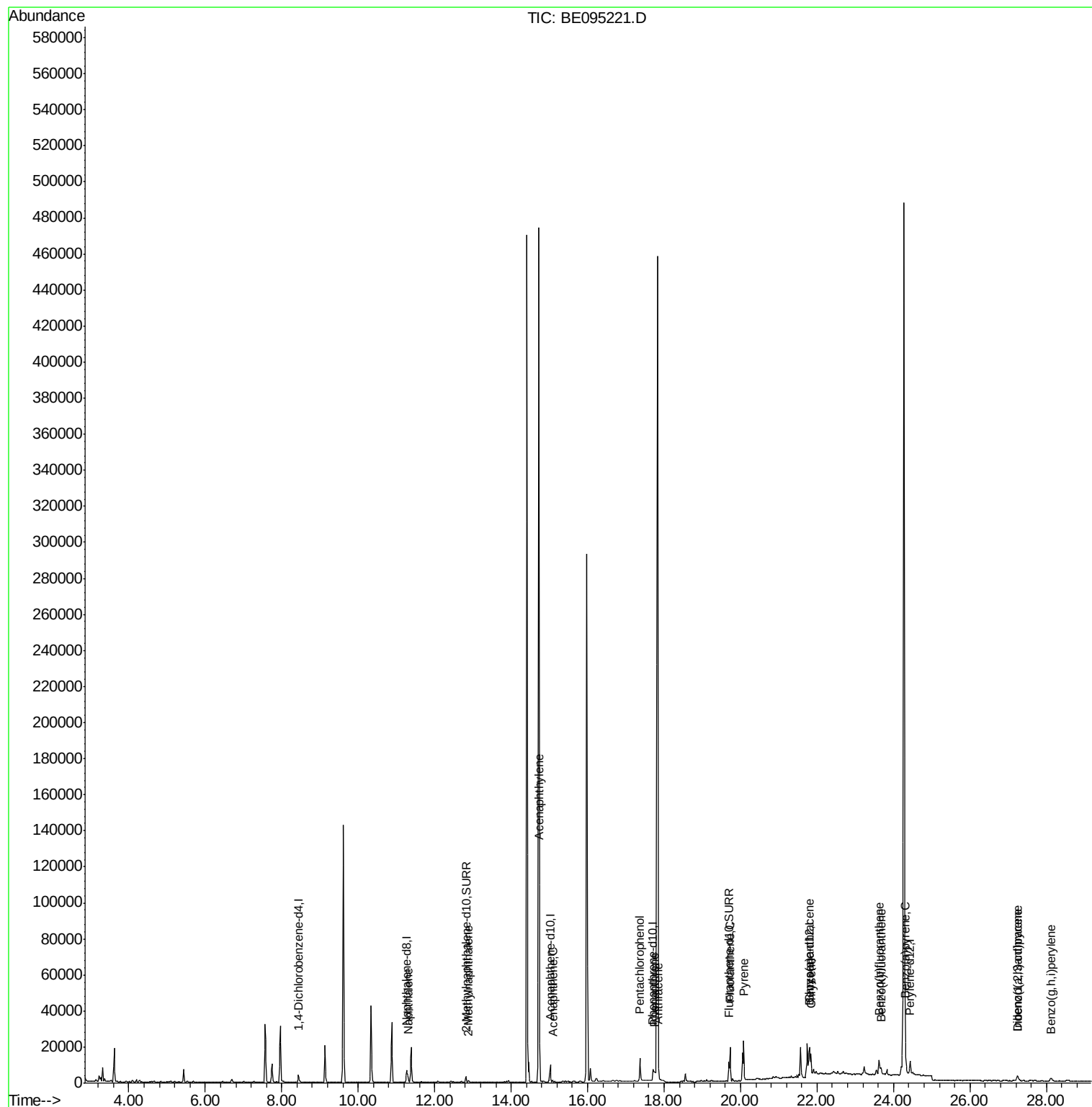
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095221.D
Acq On : 28 Jan 2018 23:40
Operator : SJ/JU
Sample : J1222-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

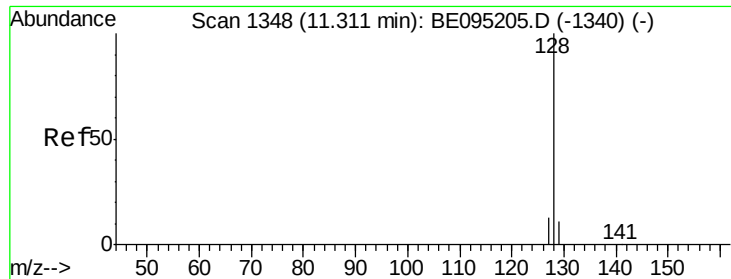
Instrument :
BNA_E
ClientSampleId :
F6A33

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:44 PM

Quant Time: Jan 29 08:08:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 06:58:46 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.036 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

ClientSampled :

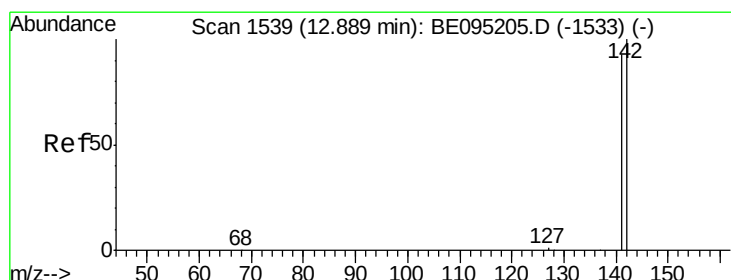
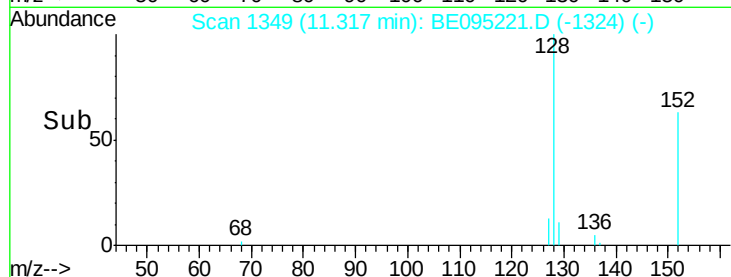
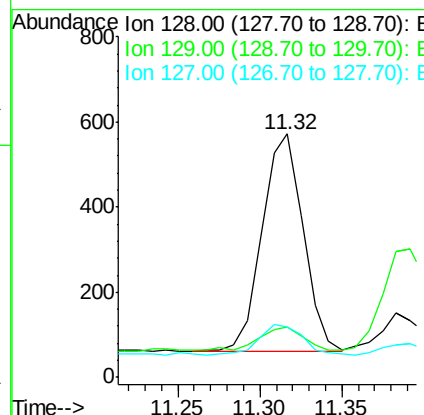
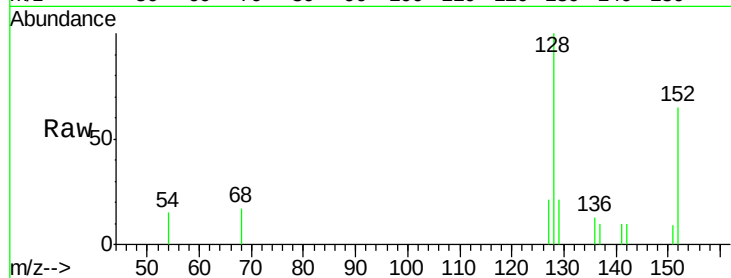
F6A33

Tot Ion:	128	Resp:	888
Ion Ratio	Lower	Upper	
128	100		
129	20.8	11.3	16.9#
127	20.8	4.0	6.0#

Manual Integrations
APPROVED

Sohil

1/29/2018 6:25:44 PM



#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

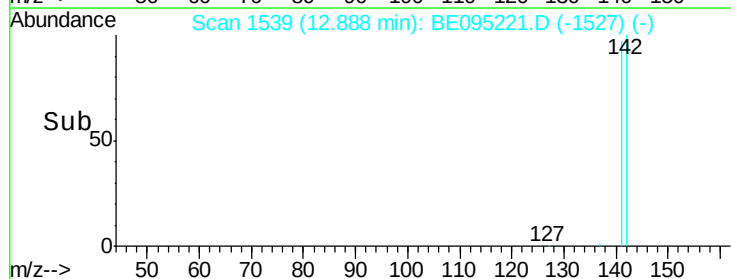
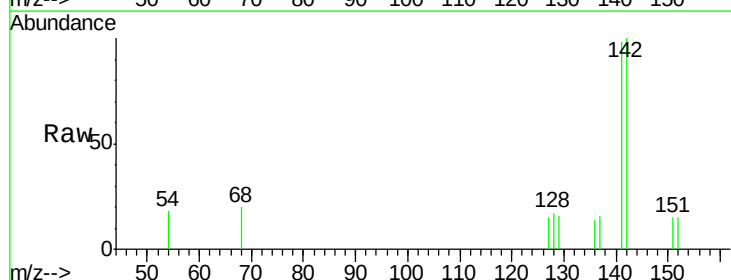
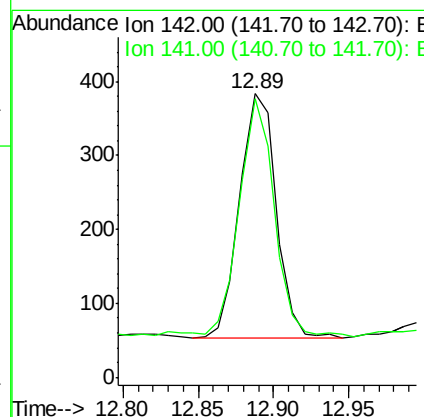
RT: 12.89 min Scan# 1539

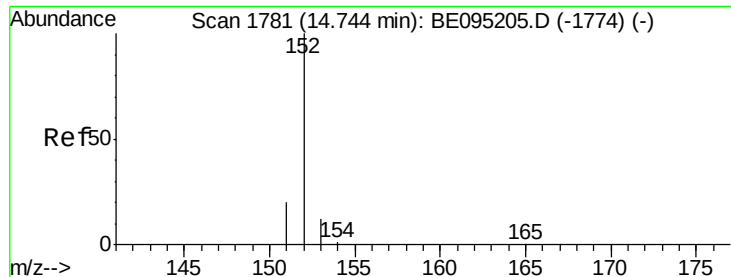
Delta R.T. -0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Tgt Ion:	142	Resp:	558
Ion Ratio	Lower	Upper	
142	100		
141	94.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

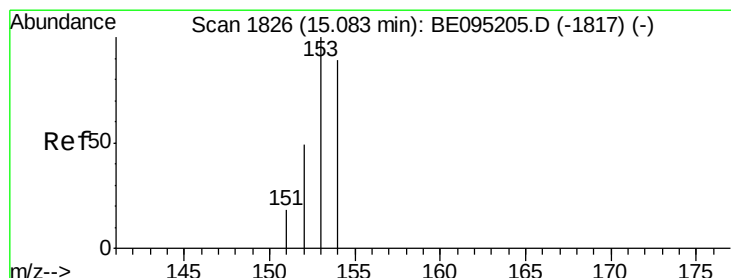
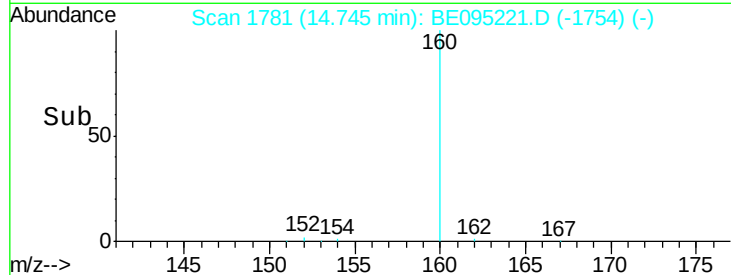
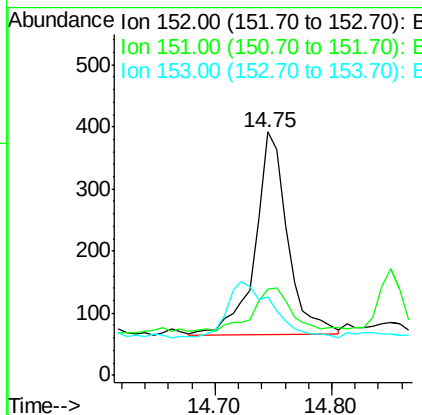
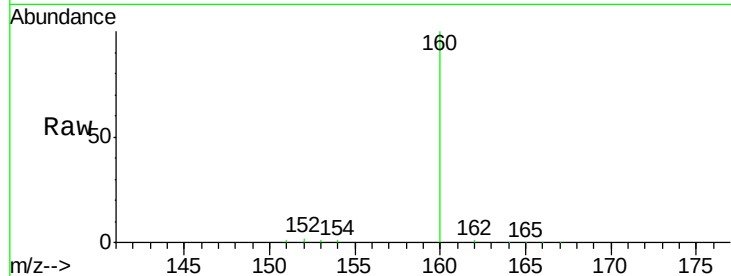
ClientSampled :

F6A33

Tot Ion:	152	Resp:	624
Ion Ratio	Lower	Upper	
152	100		
151	35.2	17.1	25.7#
153	32.4	12.8	19.2#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:44 PM



#8

Acenaphthene

Concen: 0.022 ng/ul

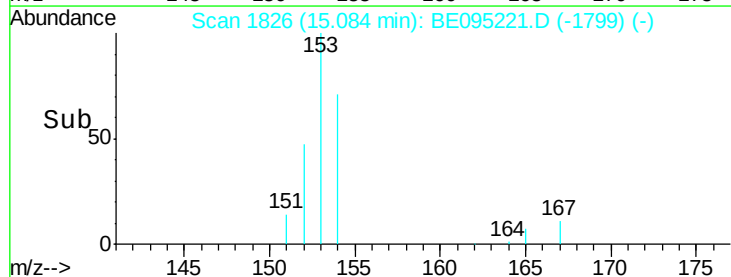
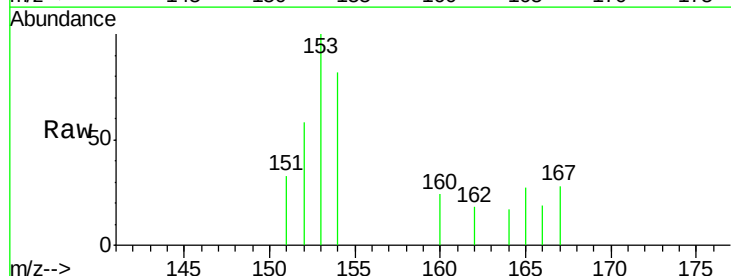
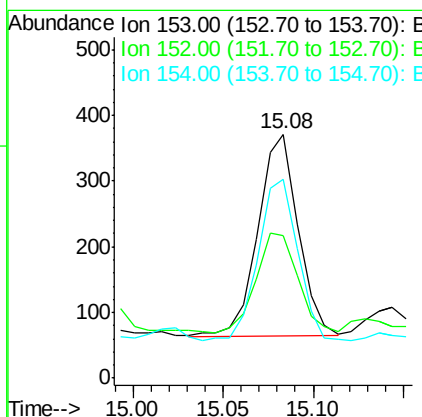
RT: 15.08 min Scan# 1826

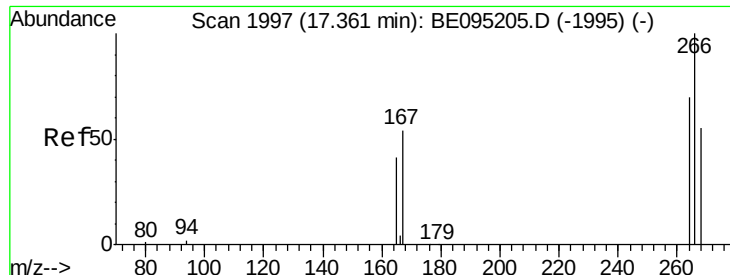
Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Tgt Ion:	153	Resp:	471
Ion Ratio	Lower	Upper	
153	100		
152	58.5	36.0	54.0#
154	81.7	72.0	108.0





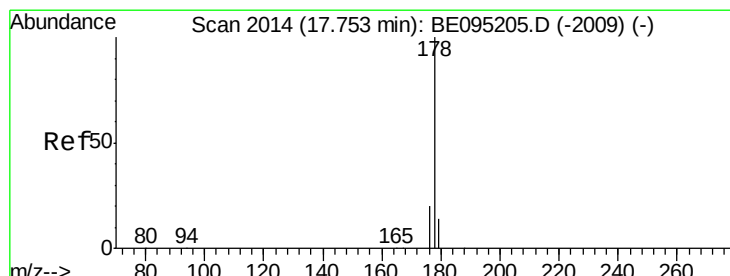
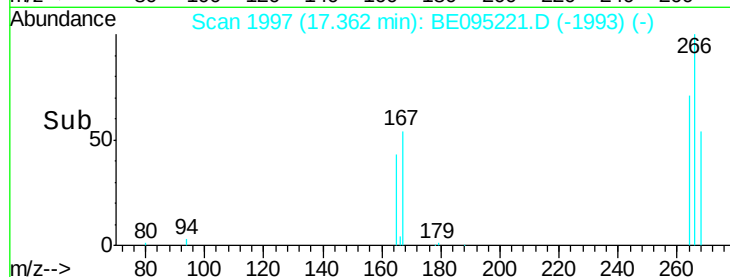
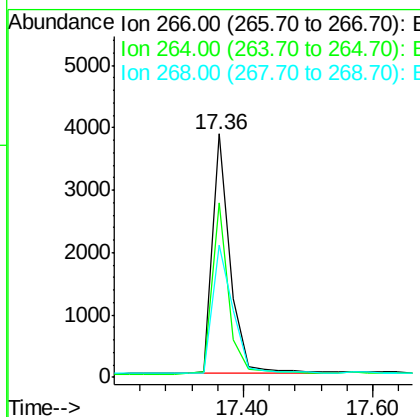
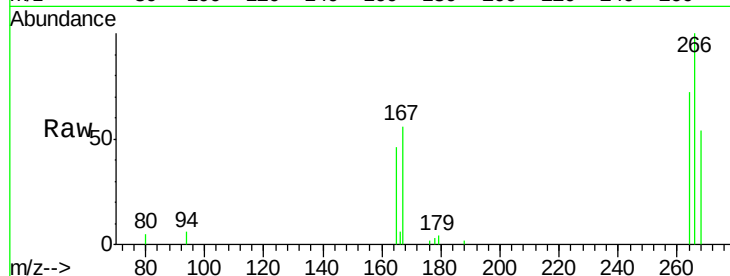
#11
 Pentachlorophenol
 Concen: 3.195 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095221.D
 Acq: 28 Jan 2018 23:40

Instrument :
 BNA_E
 ClientSampled :
 F6A33

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.4	47.9	71.9
268	61.4	49.8	74.8

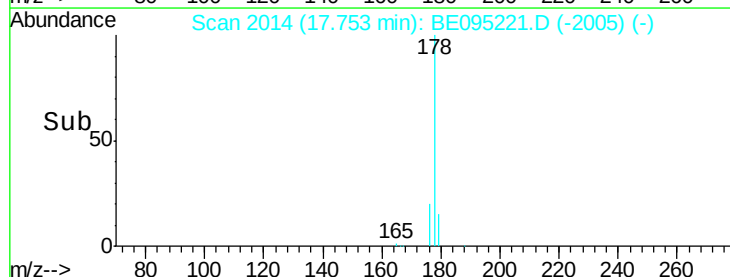
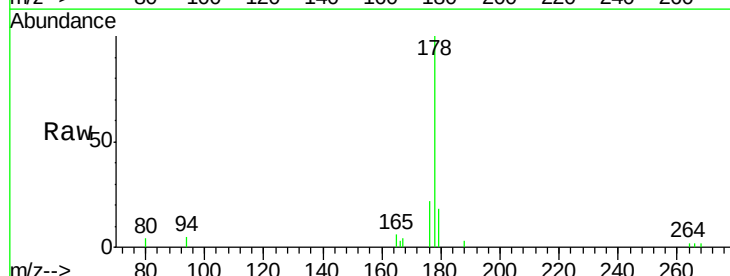
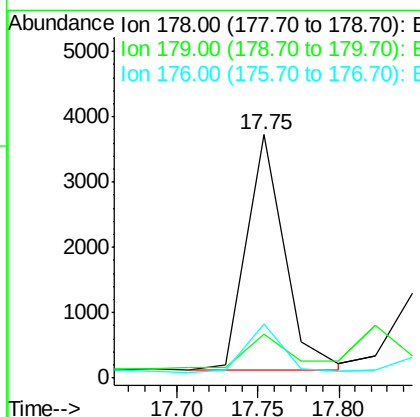
Manual Integrations
 APPROVED

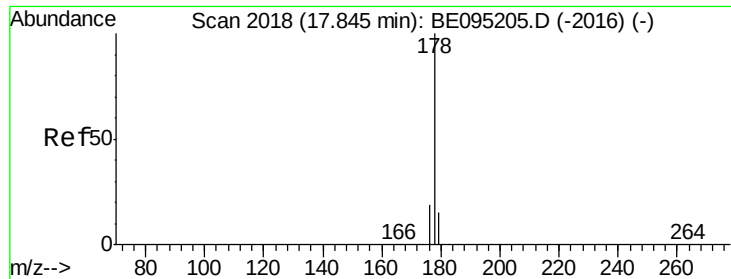
Sohil
 1/29/2018 6:25:44 PM



#12
 Phenanthrene
 Concen: 0.143 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE095221.D
 Acq: 28 Jan 2018 23:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.4	27.6#
176	22.2	13.6	20.4#





#13

Anthracene

Concen: 0.048 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

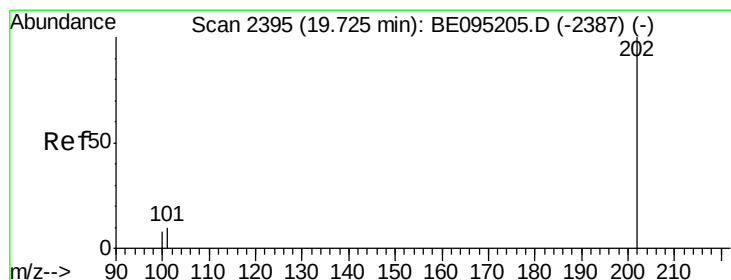
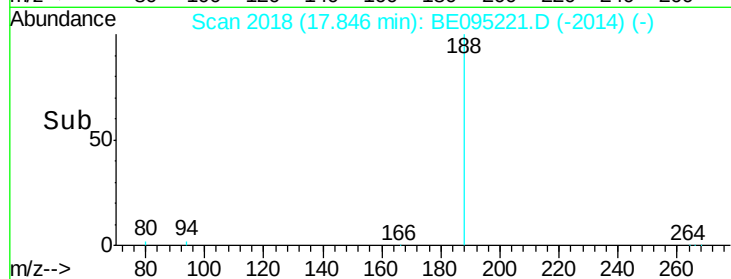
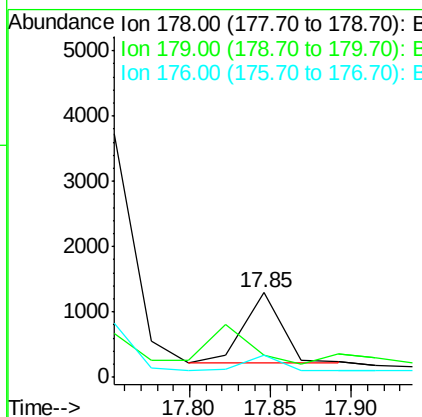
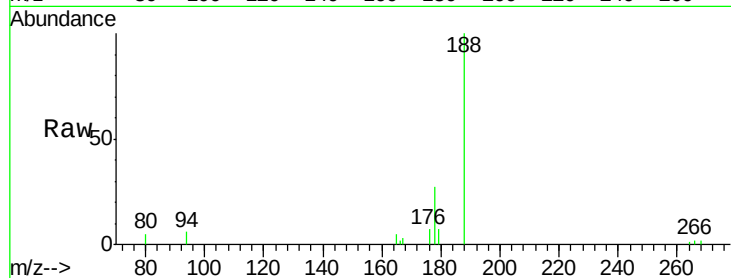
ClientSampled :

F6A33

Tot Ion	Ratio	Lower	Upper
178	100		
179	26.3	18.1	27.1
176	25.4	14.7	22.1

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:44 PM



#15

Fluoranthene

Concen: 0.400 ng/ul

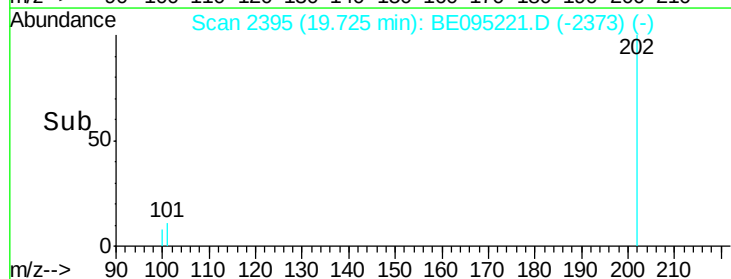
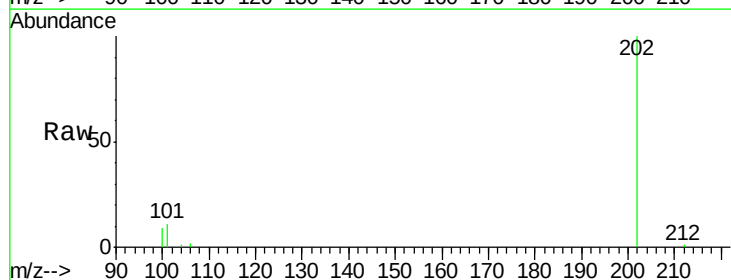
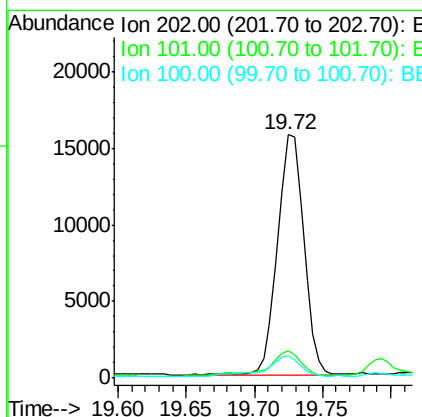
RT: 19.72 min Scan# 2395

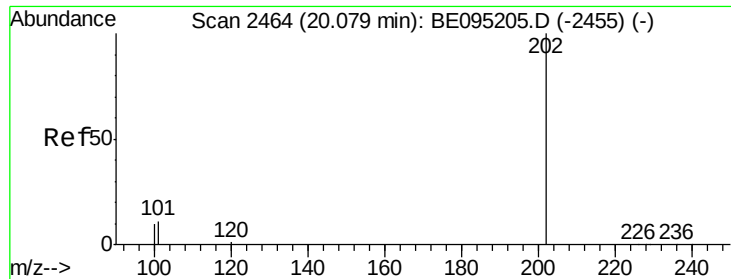
Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	9.1	0.0	39.5





#17

Pvrene

Concen: 0.622 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

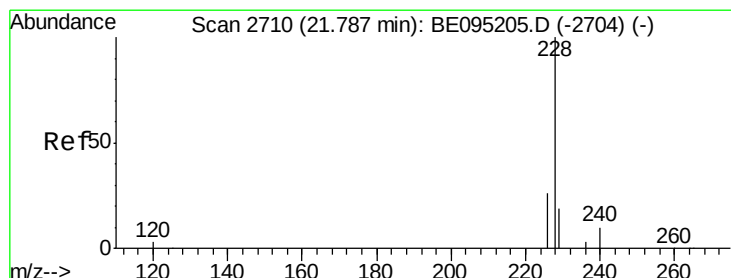
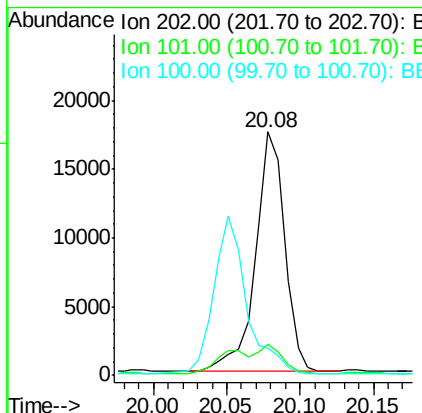
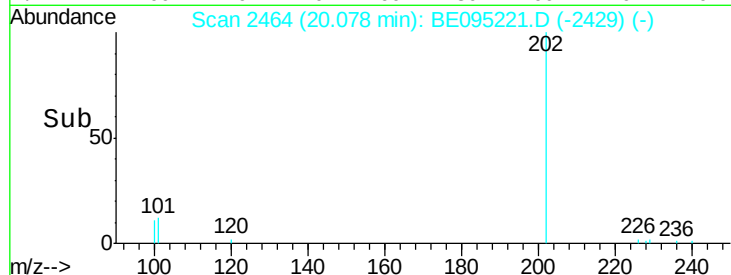
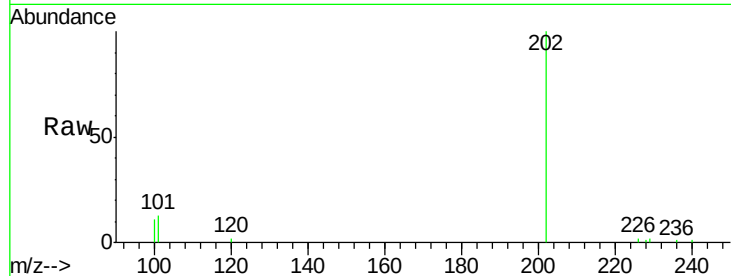
ClientSampleId :

F6A33

Tot Ion:	202	Resp:	24350
Ion Ratio	Lower	Upper	
202	100		
101	12.8	18.2	27.4#
100	11.4	15.6	23.4#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:44 PM



#18

Benzo(a)anthracene

Concen: 0.296 ng/ul

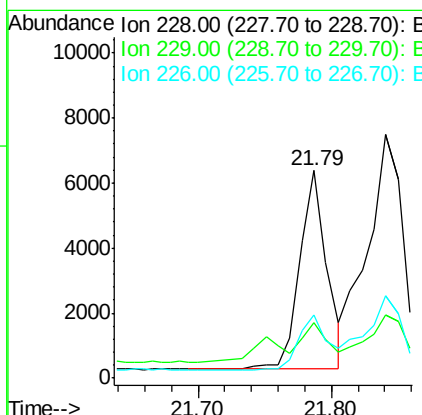
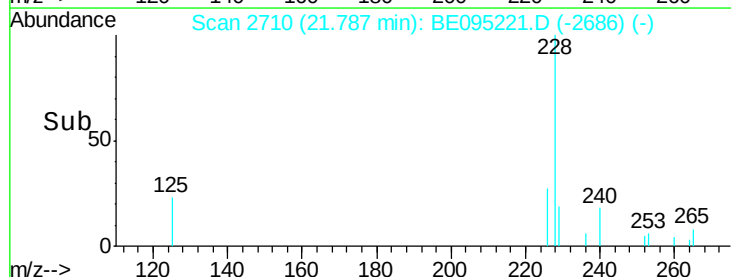
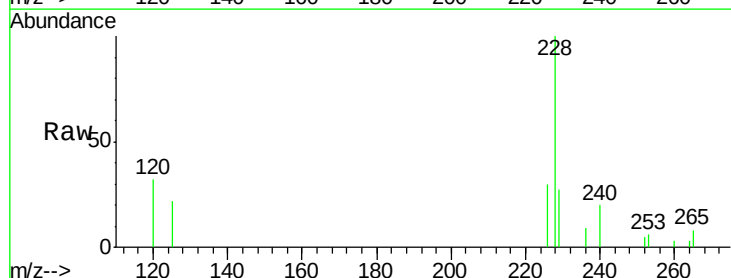
RT: 21.79 min Scan# 2710

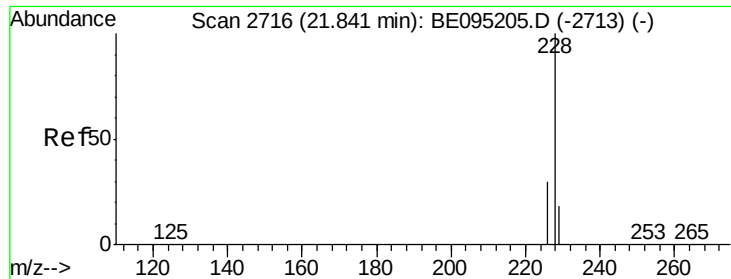
Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Tgt Ion:	228	Resp:	10810
Ion Ratio	Lower	Upper	
228	100		
229	26.5	22.8	34.2
226	30.5	17.0	25.6#





#19

Chrysene

Concen: 0.358 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

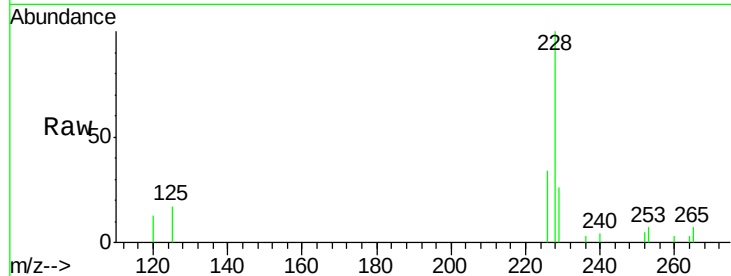
ClientSampled :

F6A33

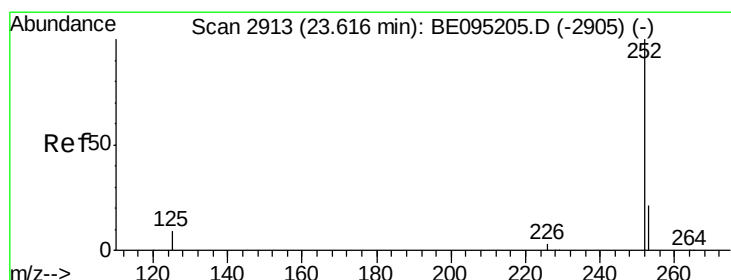
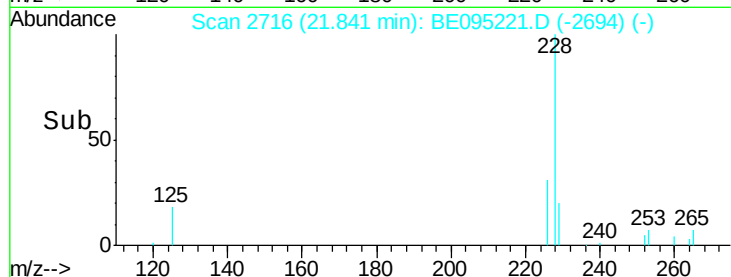
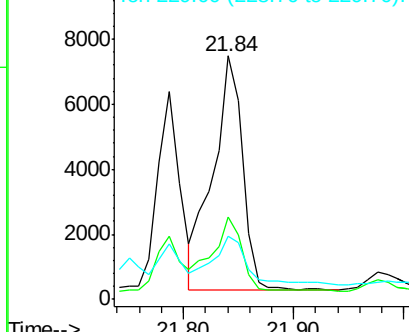
Tot Ion:	228	Resp:	13572
Ion Ratio	Lower	Upper	
228	100		
226	33.8	23.4	35.0
229	26.0	17.7	26.5

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:44 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.391 ng/ul m

RT: 23.63 min Scan# 2914

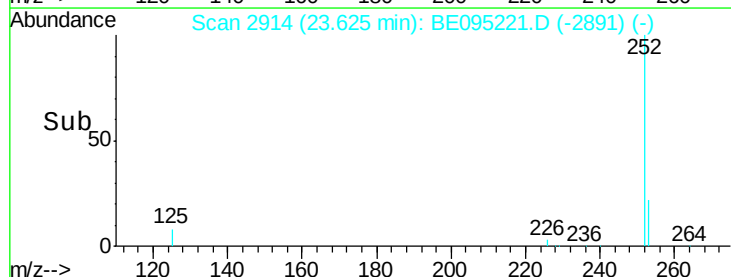
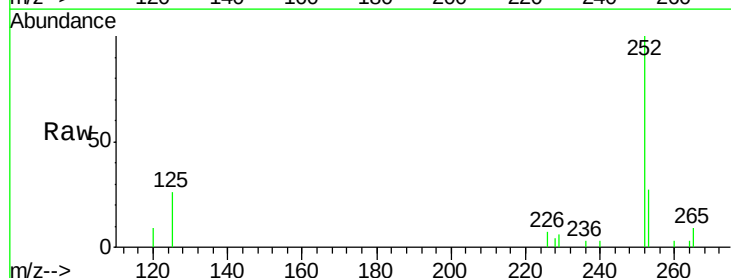
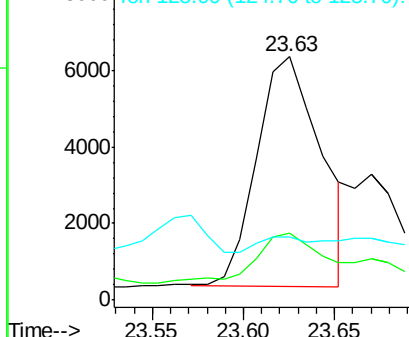
Delta R.T. 0.01 min

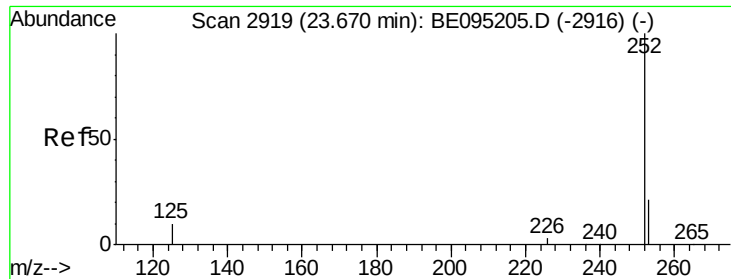
Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Tgt Ion:	252	Resp:	14696
Ion Ratio	Lower	Upper	
252	100		
253	27.3	0.0	64.2
125	25.8	0.0	35.0

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: 0.158 ng/ul m

RT: 23.67 min Scan# 2919

Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

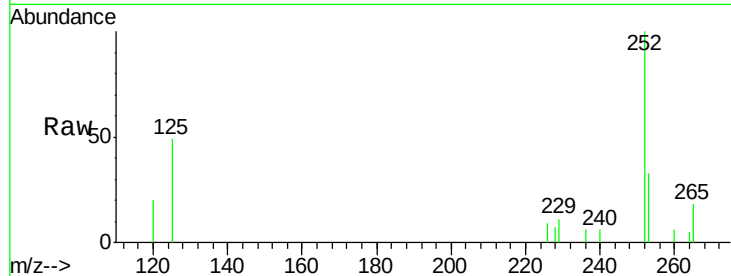
ClientSampleId :

F6A33

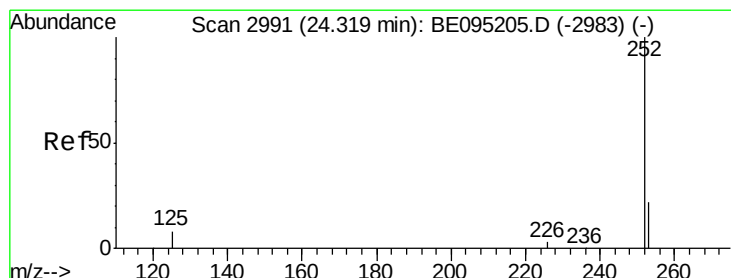
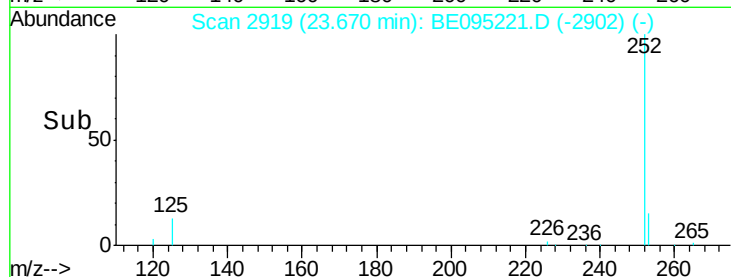
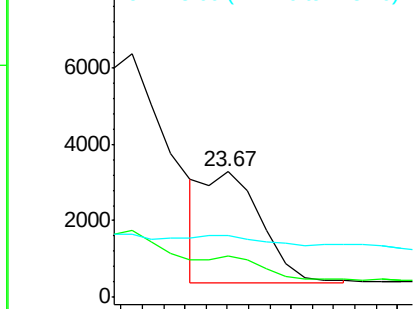
Tot Ion	Ratio	Lower	Upper
252	100		
253	33.3	24.5	36.7
125	49.1	13.7	20.5#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:44 PM



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: 0.195 ng/ul m

RT: 24.32 min Scan# 2991

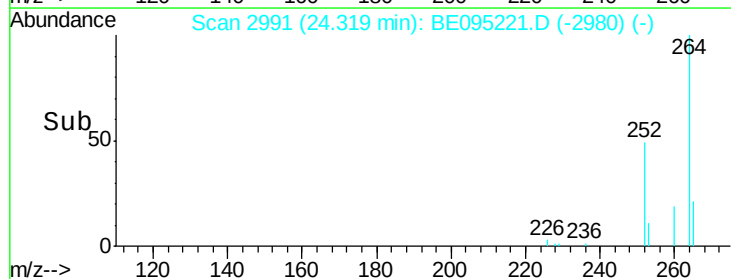
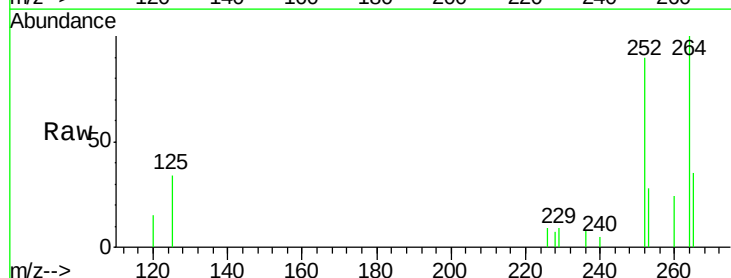
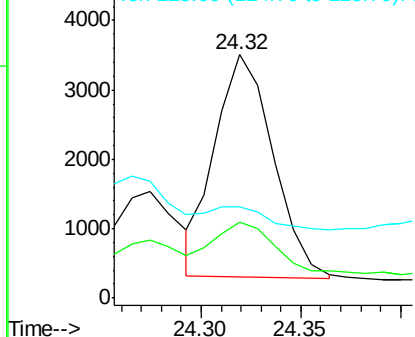
Delta R.T. 0.00 min

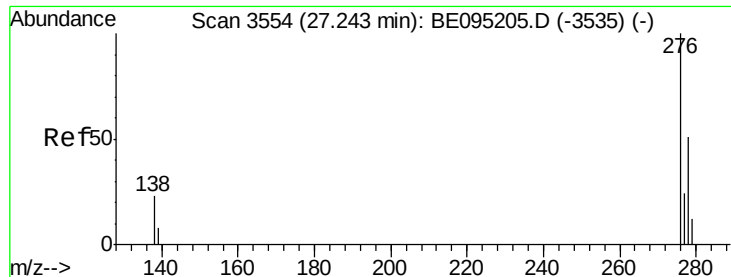
Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	28.5	42.7
125	37.3	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





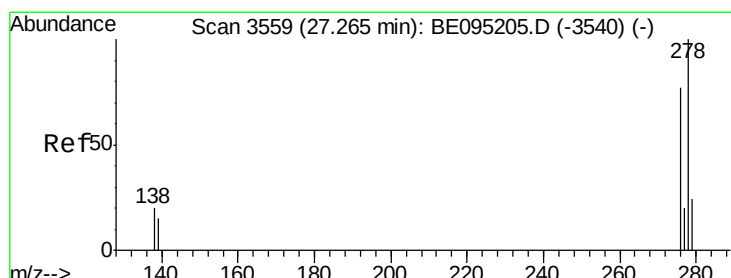
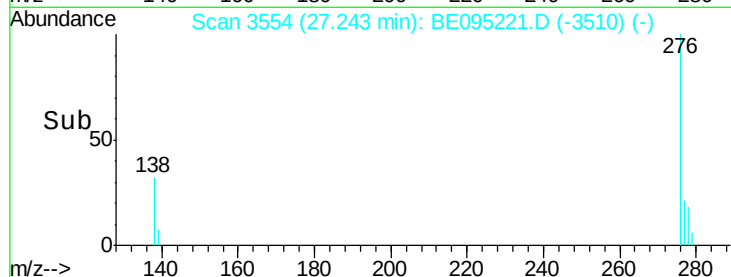
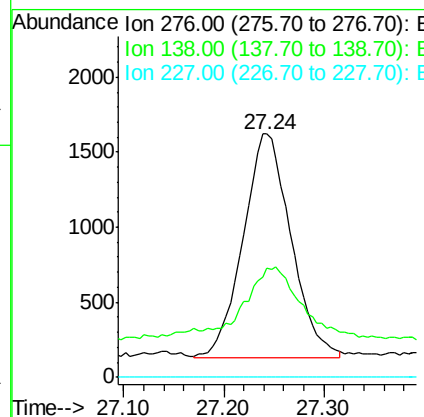
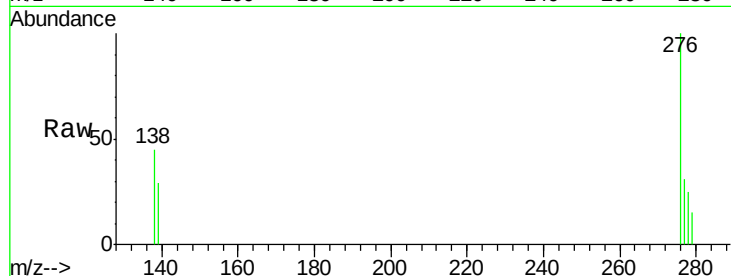
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng/ul m
RT: 27.24 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BE095221.D
Acq: 28 Jan 2018 23:40

Instrument :
BNA_E
ClientSampleId :
F6A33

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.4	28.0	42.0#
227	0.0	8.0	12.0#

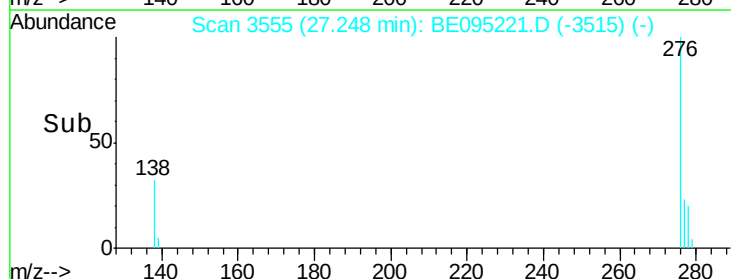
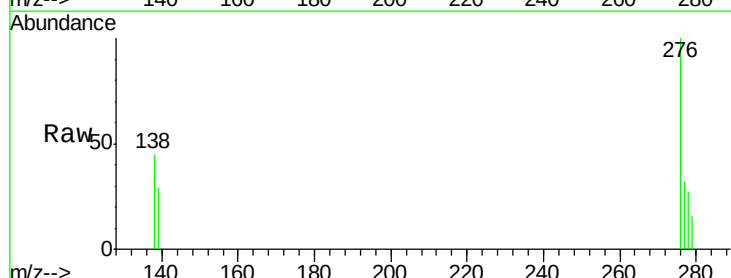
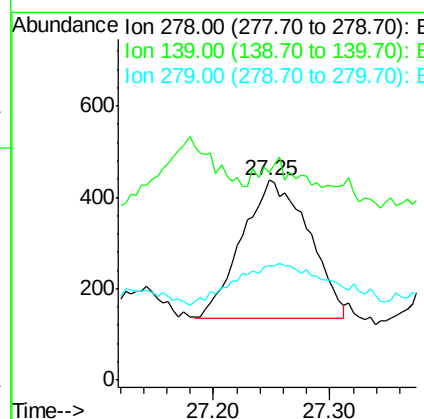
Manual Integrations
APPROVED

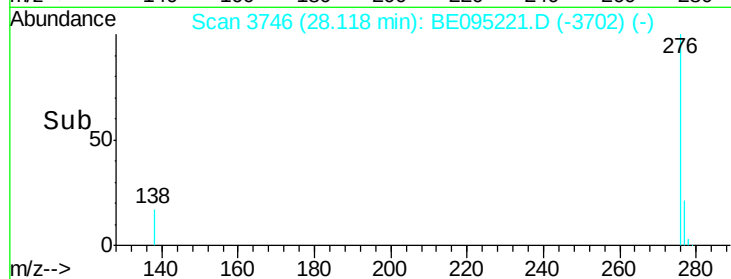
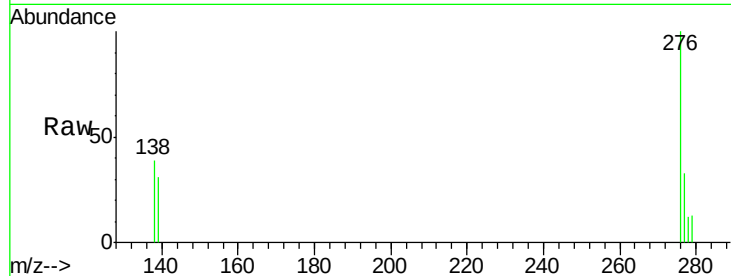
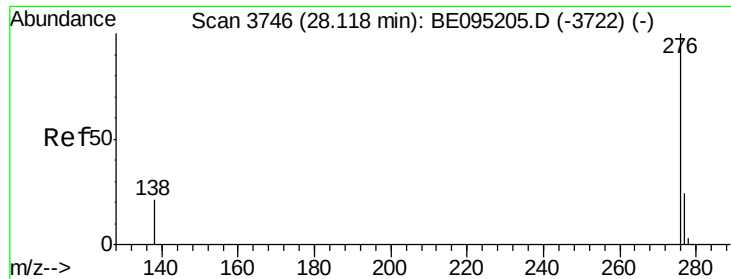
Sohil
1/29/2018 6:25:44 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul m
RT: 27.25 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BE095221.D
Acq: 28 Jan 2018 23:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	103.9	17.4	26.0#
279	57.2	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.140 ng/ul m

RT: 28.12 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

ClientSampleId :

F6A33

Tot Ion	Ratio	Lower	Upper
276	100		
138	38.7	21.8	32.8#
277	32.9	20.5	30.7#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:44 PM

