

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095194.D
 Acq On : 28 Jan 2018 7:27
 Operator : SJ/JU
 Sample : J1220-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A03

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:29 PM

Quant Time: Jan 29 01:08:42 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 00:15:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3650	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	12320	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7776	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	16764	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	17809	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	18790	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4146	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11990	0.19	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.75	152	2044	0.055	ng/ul	96
11) Pentachlorophenol	17.36	266	6740	2.076	ng/ul	96
12) Phenanthrene	17.75	178	2226	0.039	ng/ul#	90
13) Anthracene	17.85	178	2531	0.049	ng/ul#	94
15) Fluoranthene	19.73	202	6752	0.092	ng/ul	82
17) Pyrene	20.08	202	7865m	0.132	ng/ul	
18) Benzo(a)anthracene	21.79	228	2874	0.052	ng/ul#	90
19) Chrysene	21.84	228	3830	0.066	ng/ul#	86
21) Benzo(b)fluoranthene	23.63	252	5574m	0.084	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1286m	0.021	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	1315	0.020	ng/ul#	75
26) Benzo(g,h,i)perylene	28.11	276	1183	0.022	ng/ul#	72

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

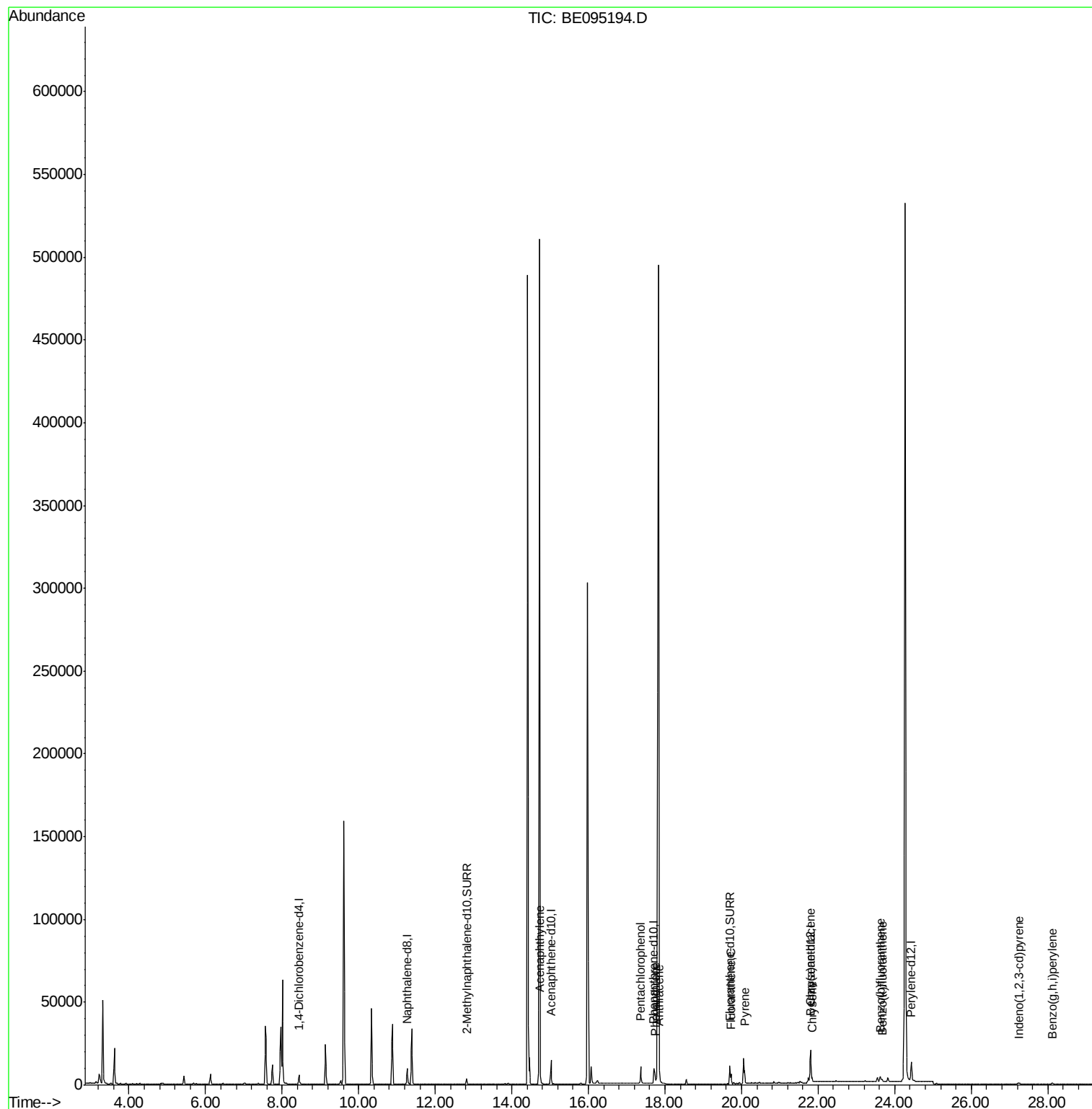
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
Data File : BE095194.D
Acq On : 28 Jan 2018 7:27
Operator : SJ/JU
Sample : J1220-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

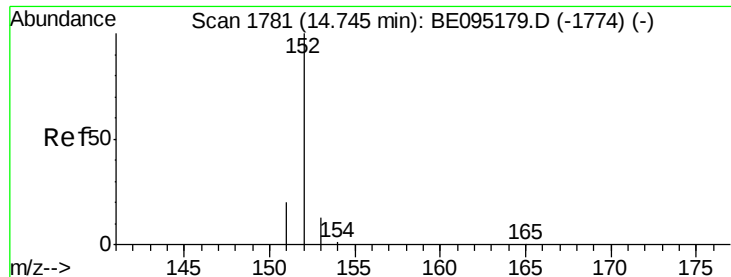
Instrument :
BNA_E
ClientSampleId :
F6A03

Manual Integrations
APPROVED

Sohil
1/29/2018 6:22:29 PM

Quant Time: Jan 29 01:08:42 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 00:15:32 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.75 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

Instrument :

BNA_E

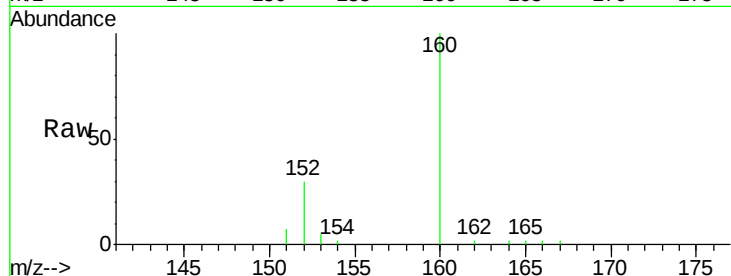
ClientSampled :

F6A03

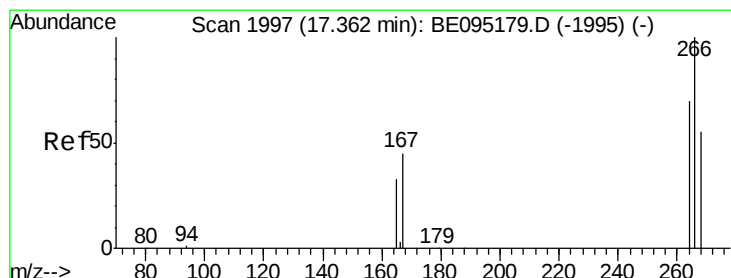
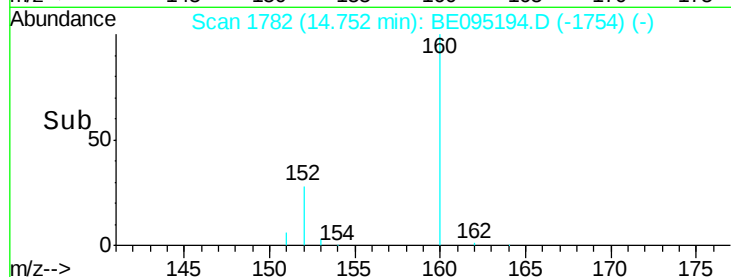
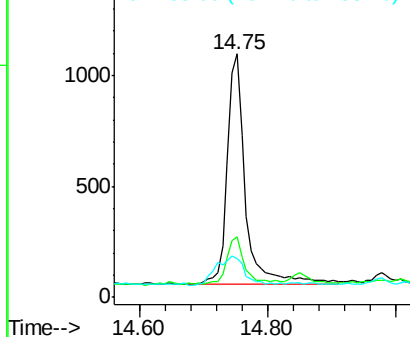
Tot Ion:	152	Resp:	2044
Ion Ratio	Lower	Upper	
152	100		
151	24.8	17.1	25.7
153	16.1	12.8	19.2

Manual Integrations
APPROVED

Sohil
1/29/2018 6:22:29 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#11

Pentachlorophenol

Concen: 2.076 ng/ul

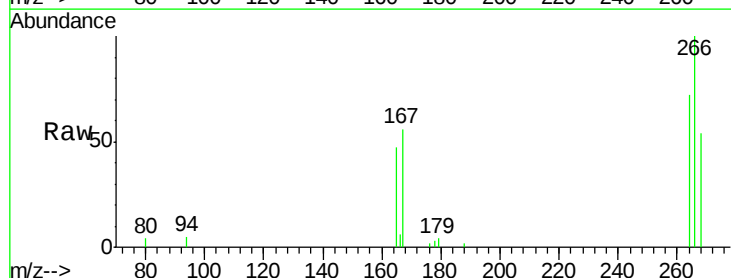
RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

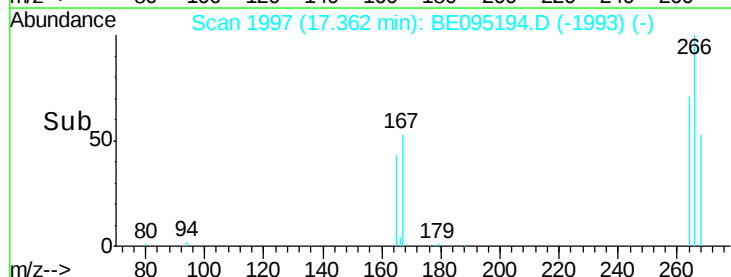
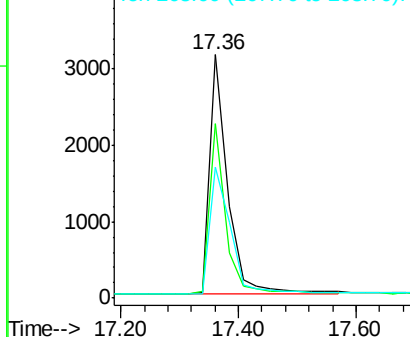
Lab File: BE095194.D

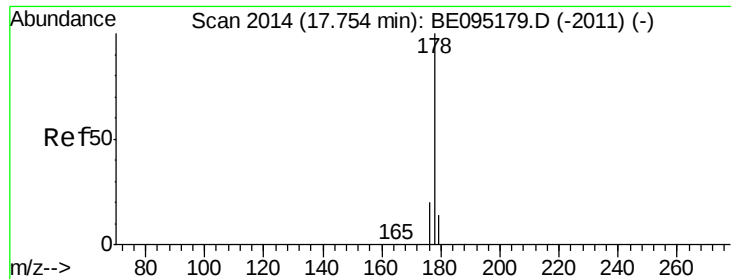
Acq: 28 Jan 2018 7:27

Tgt Ion:	266	Resp:	6740
Ion Ratio	Lower	Upper	
266	100		
264	64.8	47.9	71.9
268	61.2	49.8	74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.039 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

Instrument :

BNA_E

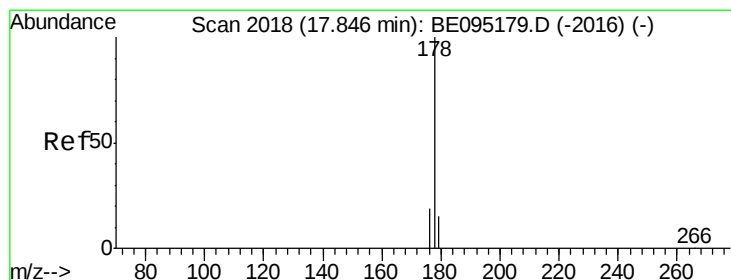
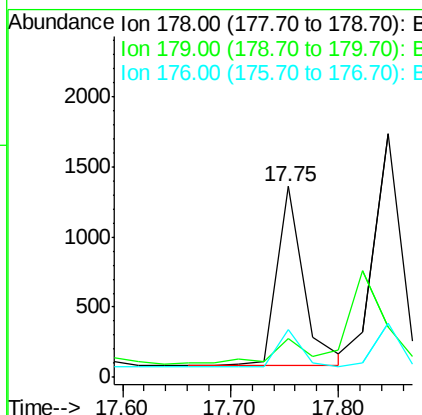
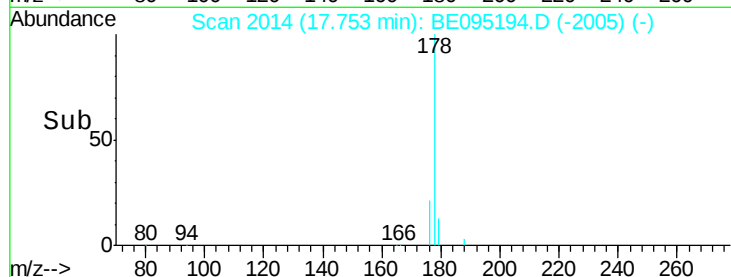
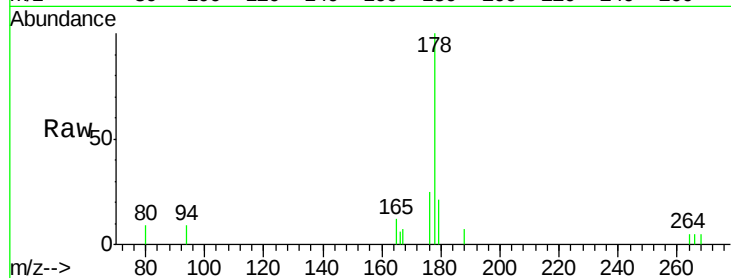
ClientSampleId :

F6A03

Tot Ion:178	Resp:	2226
Ion Ratio	Lower	Upper
178	100	
179	20.7	18.4 27.6
176	24.9	13.6 20.4#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:22:29 PM



#13

Anthracene

Concen: 0.049 ng/ul

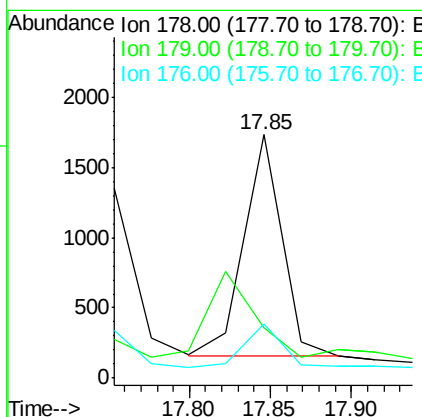
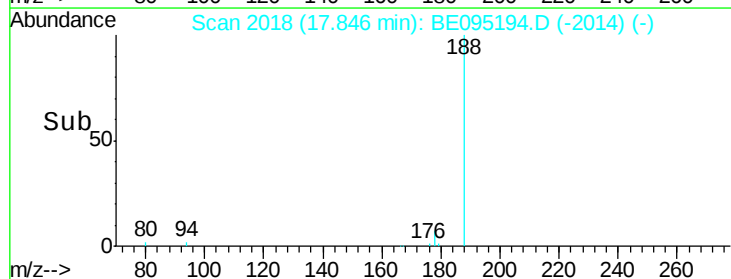
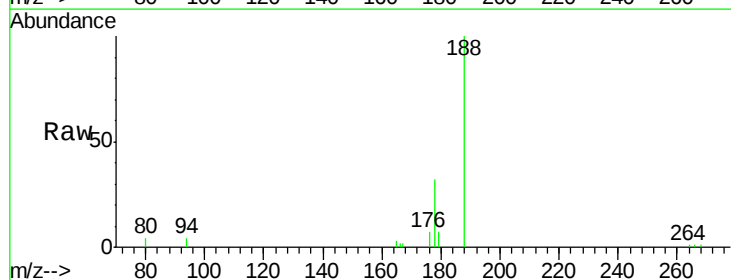
RT: 17.85 min Scan# 2018

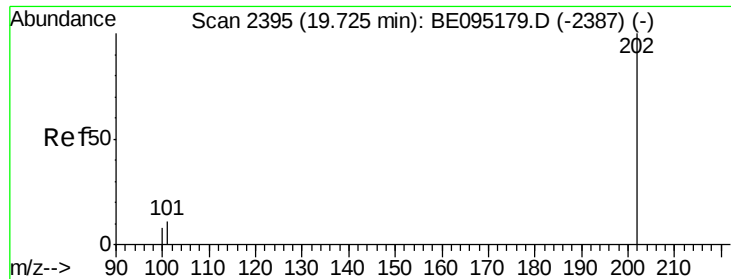
Delta R.T. -0.00 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

Tgt Ion:178	Resp:	2531
Ion Ratio	Lower	Upper
178	100	
179	20.5	18.1 27.1
176	22.2	14.7 22.1#





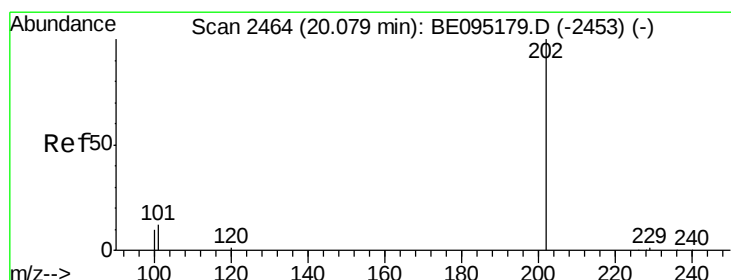
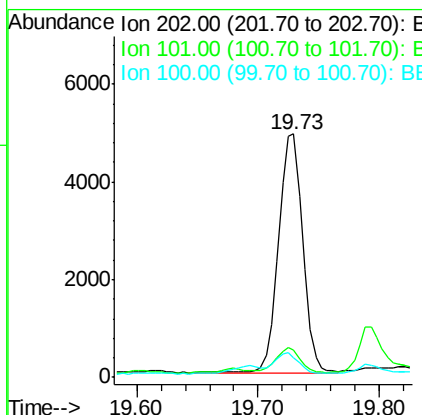
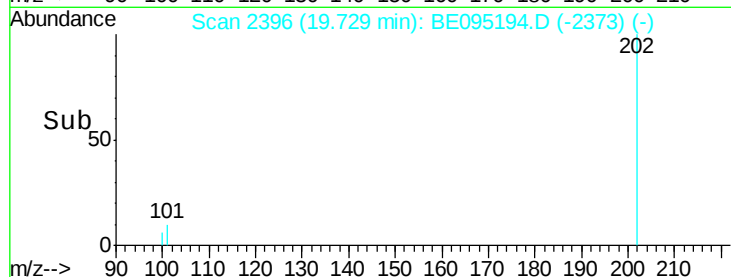
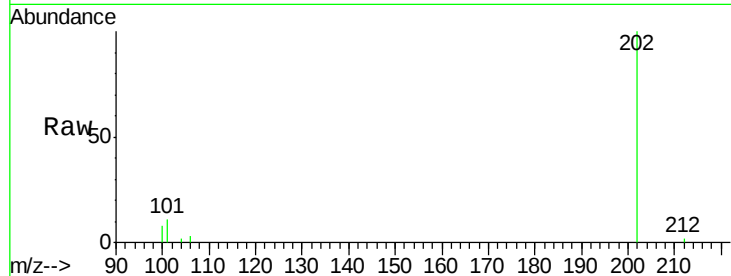
#15
Fluoranthene
Concen: 0.092 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095194.D
Acq: 28 Jan 2018 7:27

Instrument :
BNA_E
ClientSampleId :
F6A03

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	0.0	30.3
100	7.9	0.0	39.5

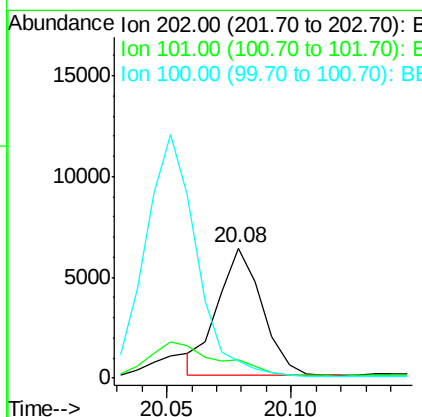
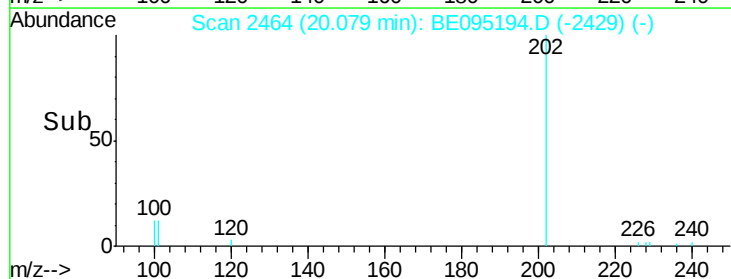
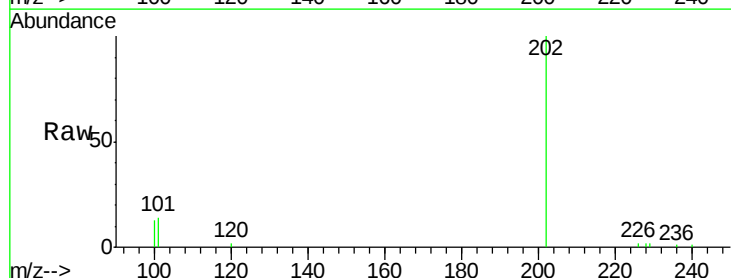
Manual Integrations
APPROVED

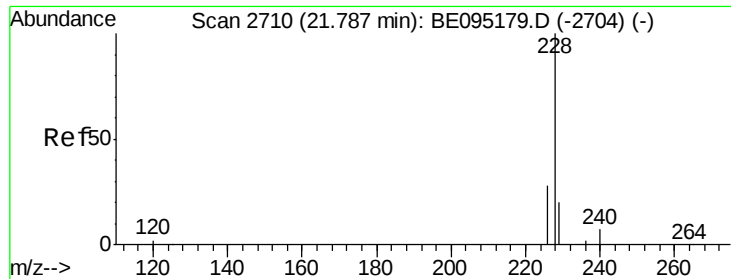
Sohil
1/29/2018 6:22:29 PM



#17
Pyrene
Concen: 0.132 ng/ul m
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095194.D
Acq: 28 Jan 2018 7:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	18.2	27.4#
100	12.7	15.6	23.4#





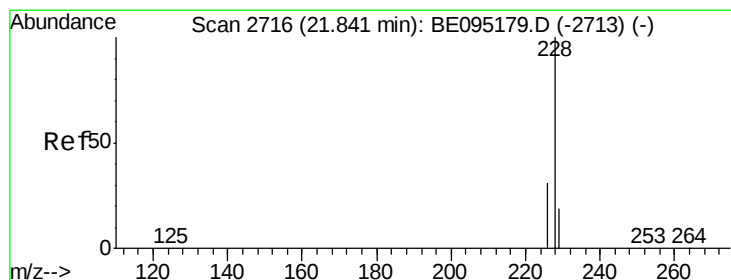
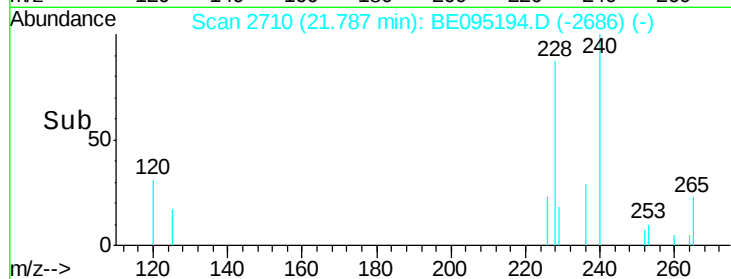
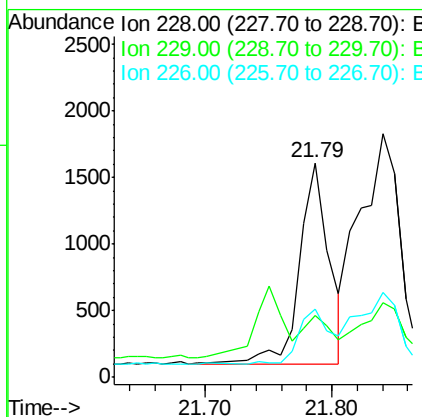
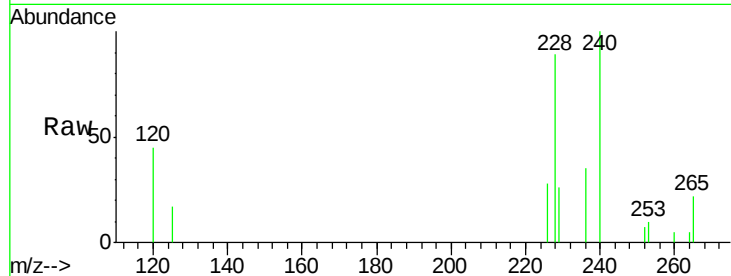
#18
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095194.D
Acq: 28 Jan 2018 7:27

Instrument :
BNA_E
ClientSampleId :
F6A03

Tot Ion	Ratio	Lower	Upper
228	100		
229	29.0	22.8	34.2
226	31.7	17.0	25.6#

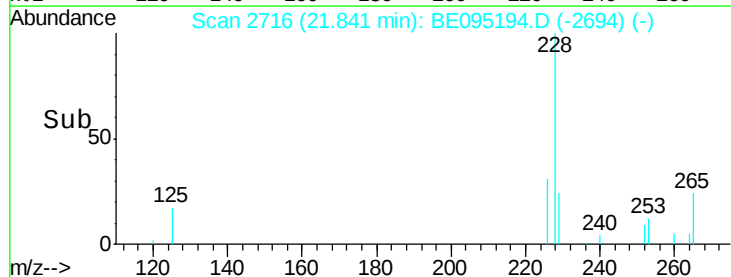
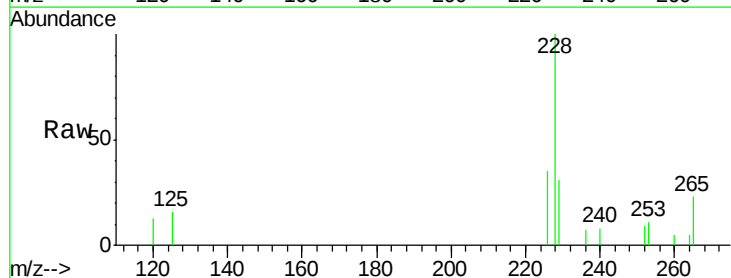
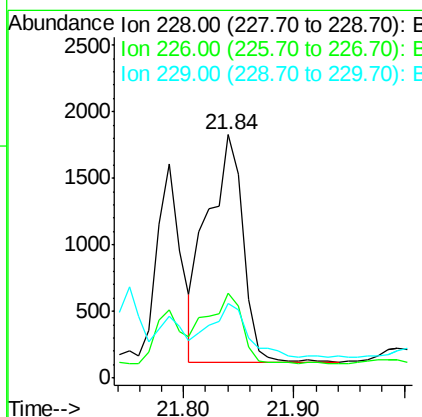
Manual Integrations
APPROVED

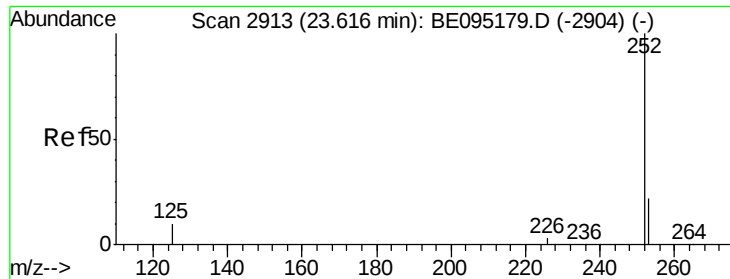
Sohil
1/29/2018 6:22:29 PM



#19
Chrysene
Concen: 0.066 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095194.D
Acq: 28 Jan 2018 7:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.7	23.4	35.0
229	30.8	17.7	26.5#





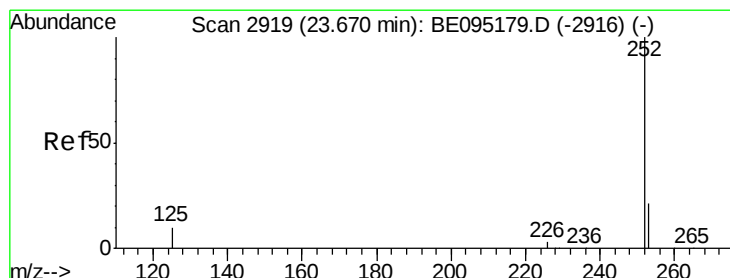
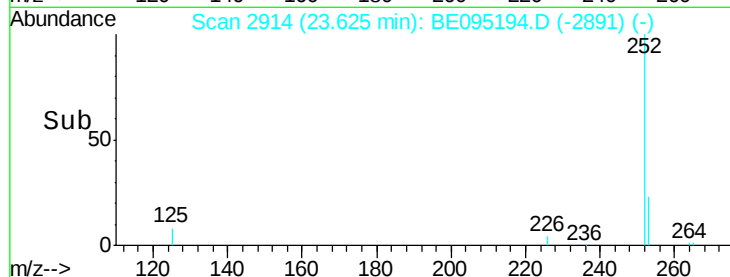
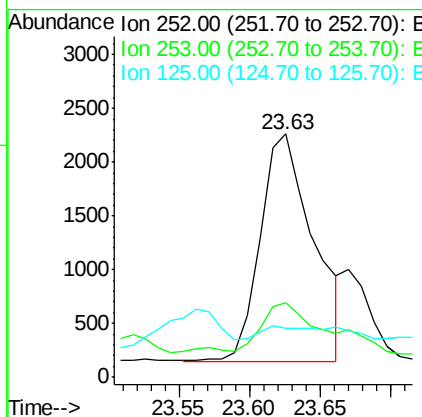
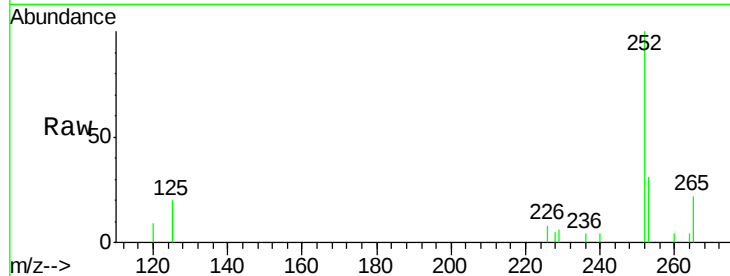
#21
Benzo(b)fluoranthene
Concen: 0.084 ng/ul m
RT: 23.63 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095194.D
Acq: 28 Jan 2018 7:27

Instrument :
BNA_E
ClientSampleId :
F6A03

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.9	0.0	64.2
125	20.3	0.0	35.0

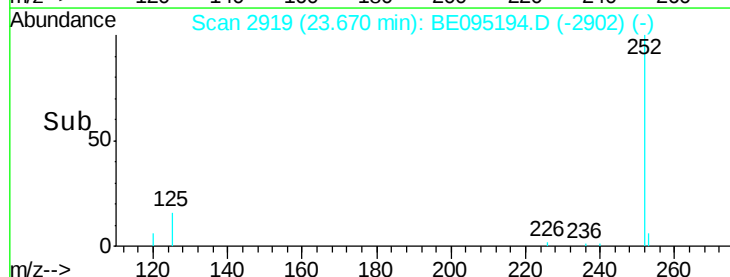
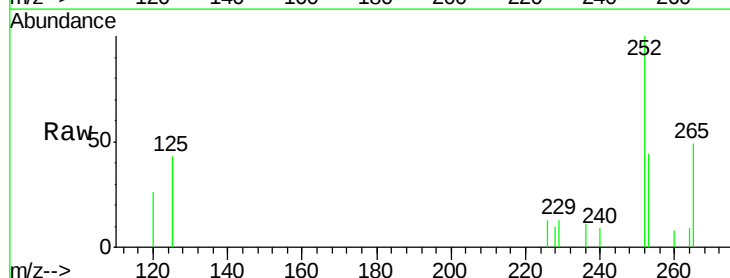
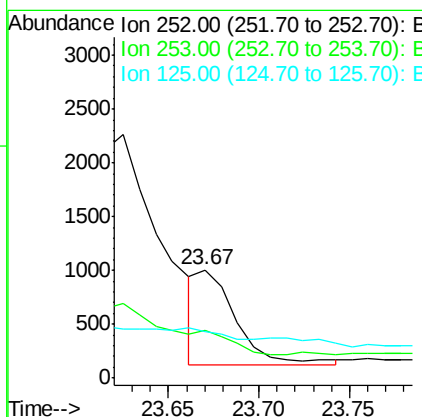
Manual Integrations
APPROVED

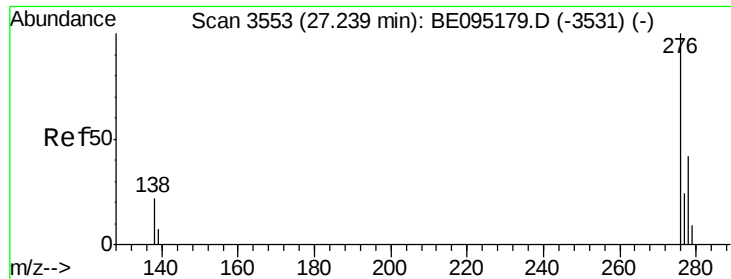
Sohil
1/29/2018 6:22:29 PM



#22
Benzo(k)fluoranthene
Concen: 0.021 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE095194.D
Acq: 28 Jan 2018 7:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.4	24.5	36.7#
125	43.3	13.7	20.5#





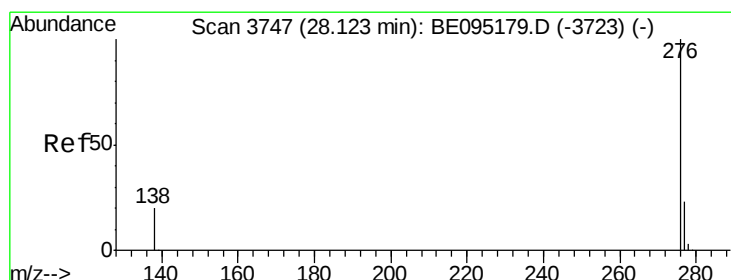
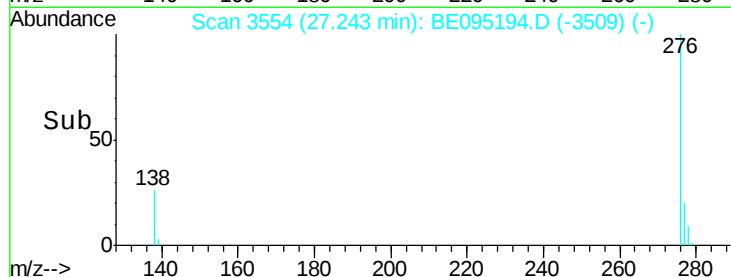
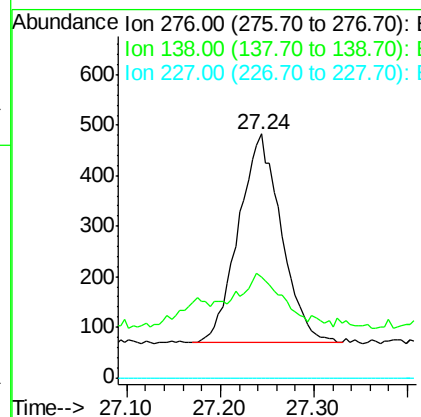
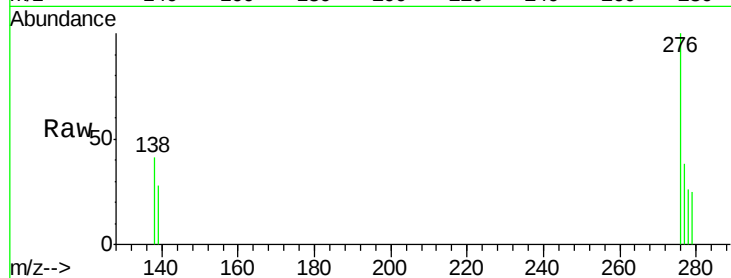
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.020 ng/ul
 RT: 27.24 min Scan# 3554
 Delta R.T. 0.00 min
 Lab File: BE095194.D
 Acq: 28 Jan 2018 7:27

Instrument :
 BNA_E
 ClientSampleId :
 F6A03

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:29 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.022 ng/ul
 RT: 28.11 min Scan# 3745
 Delta R.T. -0.01 min
 Lab File: BE095194.D
 Acq: 28 Jan 2018 7:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	44.1	21.8	32.8#
277	37.1	20.5	30.7#

