

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094304.D
 Acq On : 12 Oct 2017 6:18
 Operator : SJ/JU
 Sample : I5550-01DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0DL

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:06:12 PM

Quant Time: Oct 12 20:09:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1705	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8516	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4750	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10098	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9847	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	8943	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	618	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1301	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	12621	0.605	ng/ul#	93
5) 2-Methylnaphthalene	12.37	142	3856	0.285	ng/ul	97
7) Acenaphthylene	14.26	152	2623	0.142	ng/ul#	82
8) Acenaphthene	14.60	153	10668	0.700	ng/ul	98
9) Fluorene	15.58	166	9741	0.546	ng/ul	91
12) Phenanthrene	17.31	178	137878	5.225	ng/ul#	89
13) Anthracene	17.39	178	28661	1.117	ng/ul#	91
15) Fluoranthene	19.33	202	244973	7.065	ng/ul	84
17) Pyrene	19.69	202	214489	7.829	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	109391	4.188	ng/ul#	89
19) Chrysene	21.48	228	130361m	4.321	ng/ul	
21) Benzo(b)fluoranthene	23.20	252	150211m	6.183	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	62766m	2.235	ng/ul	
23) Benzo(a)pyrene	23.86	252	99857	3.956	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.68	276	58645	2.271	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.68	278	14324	0.661	ng/ul#	17
26) Benzo(a,h,i)perylene	27.52	276	46988	2.109	ng/ul#	75

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

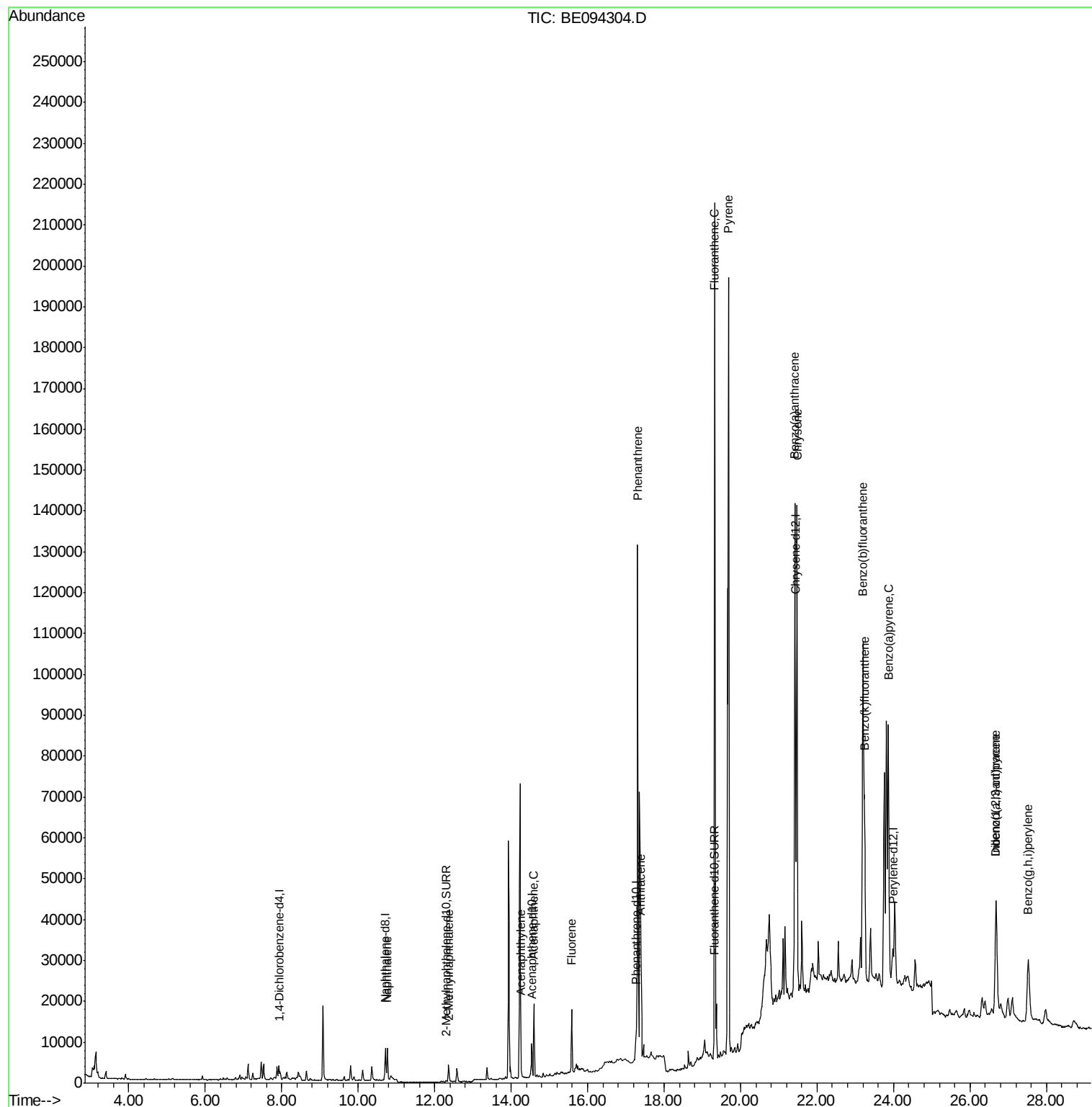
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094304.D
Acq On : 12 Oct 2017 6:18
Operator : SJ/JU
Sample : I5550-01DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

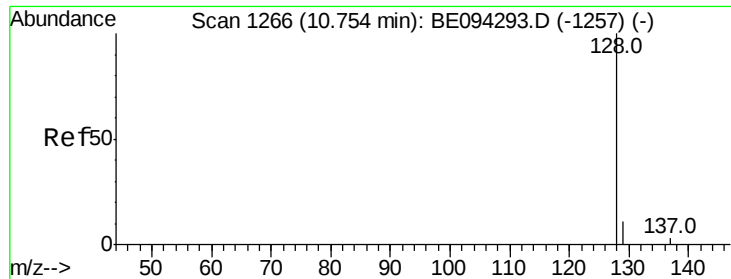
Instrument :
BNA_E
ClientSampleId :
C0AF0DL

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:12 PM

Quant Time: Oct 12 20:09:12 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.605 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE094304.D

Acq: 12 Oct 2017 6:18

Instrument :

BNA_E

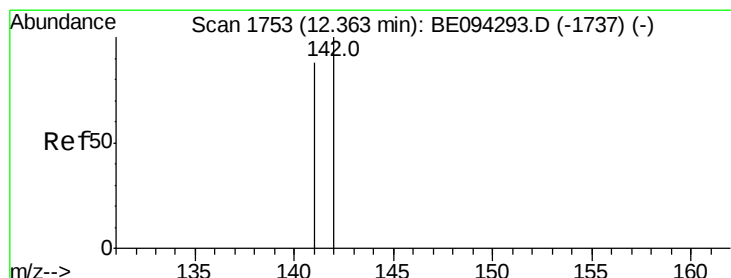
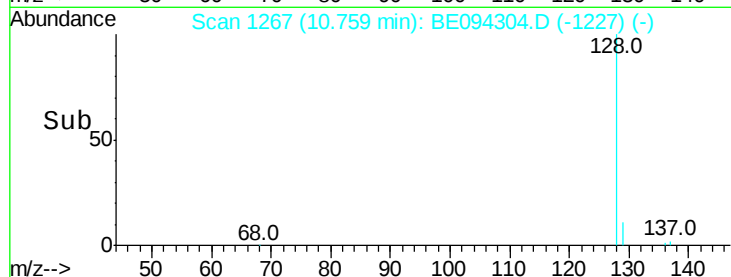
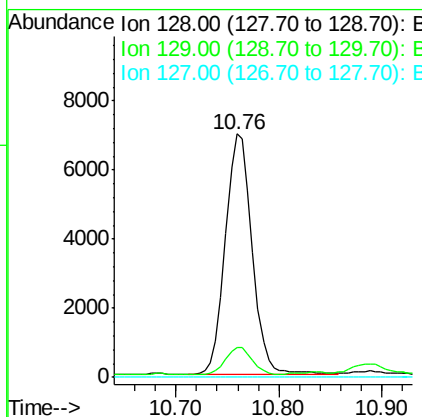
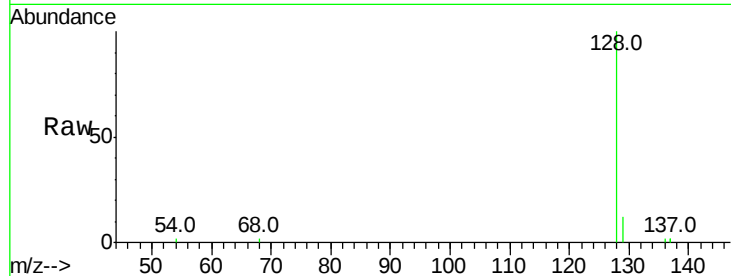
ClientSampleId :

COAF0DL

Tot Ion:	128	Resp:	12621
Ion Ratio	Lower	Upper	
128	100		
129	12.3	11.3	16.9
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:12 PM



#5

2-Methylnaphthalene

Concen: 0.285 ng/ul

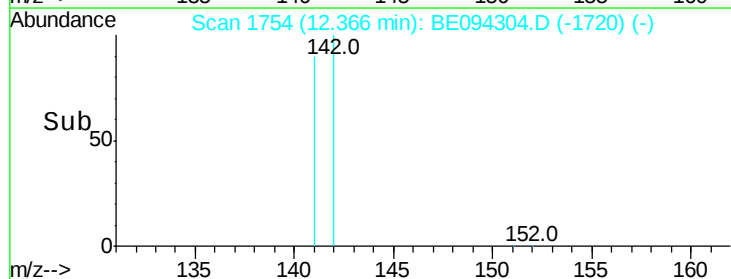
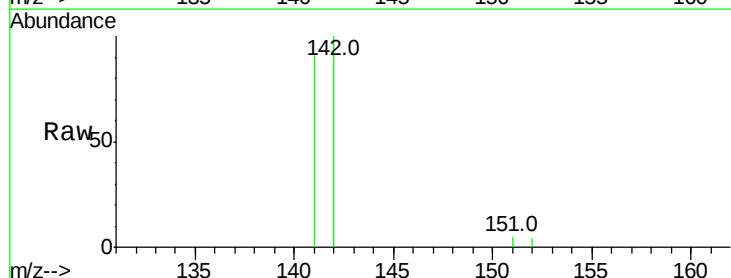
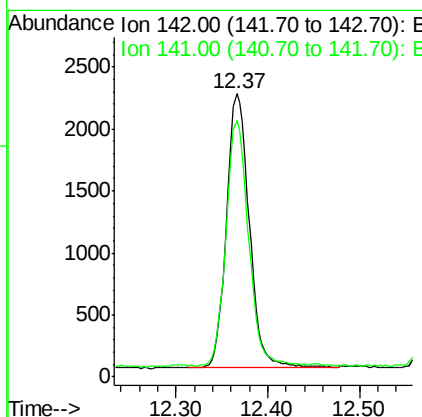
RT: 12.37 min Scan# 1754

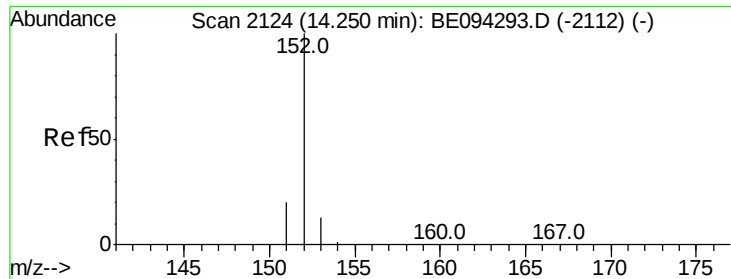
Delta R.T. 0.00 min

Lab File: BE094304.D

Acq: 12 Oct 2017 6:18

Tgt Ion:	142	Resp:	3856
Ion Ratio	Lower	Upper	
142	100		
141	88.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.142 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094304.D

Acq: 12 Oct 2017 6:18

Instrument :

BNA_E

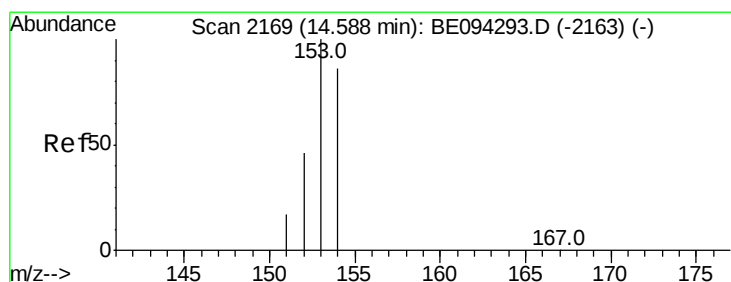
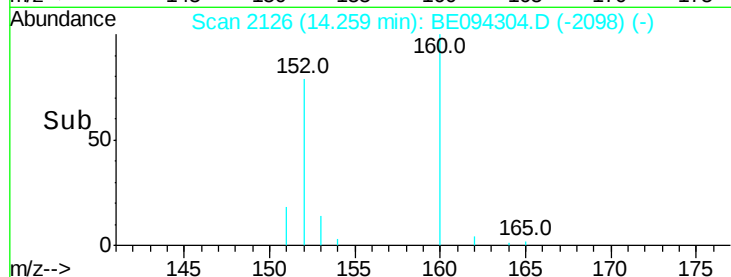
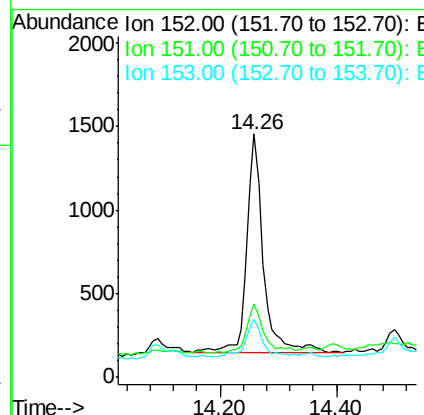
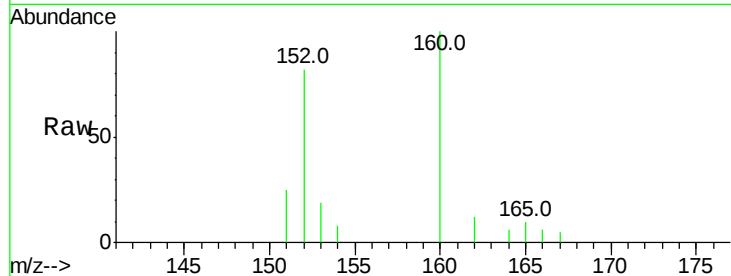
ClientSampleId :

COAF0DL

Tot Ion:	152	Resp:	2623
Ion Ratio	Lower	Upper	
152	100		
151	29.9	17.1	25.7#
153	23.8	12.8	19.2#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:12 PM



#8

Acenaphthene

Concen: 0.700 ng/ul

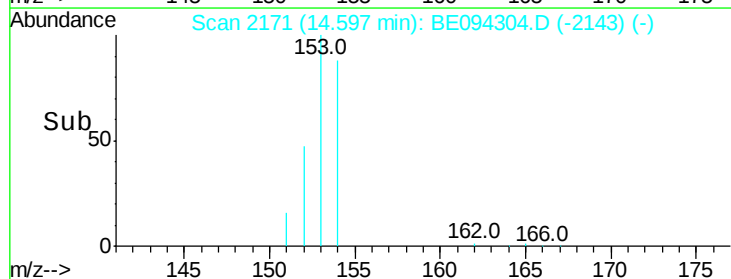
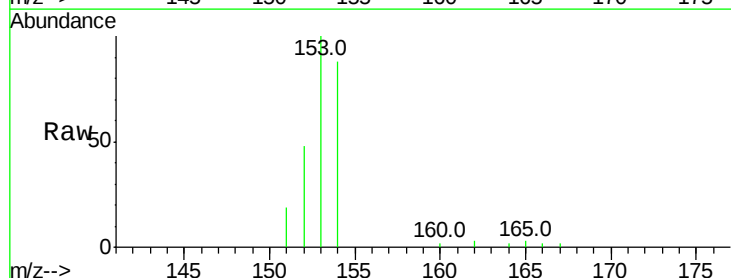
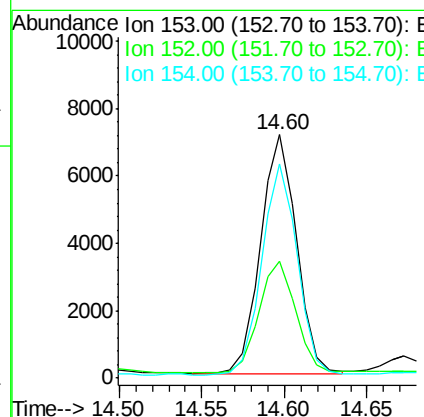
RT: 14.60 min Scan# 2171

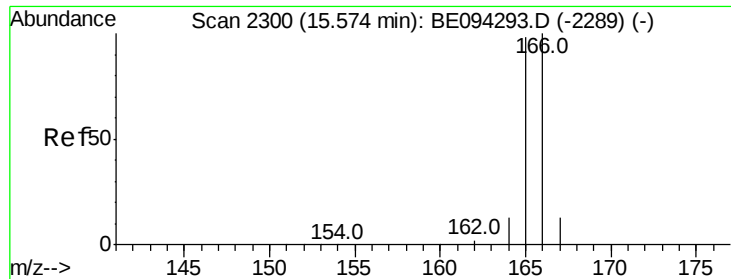
Delta R.T. 0.01 min

Lab File: BE094304.D

Acq: 12 Oct 2017 6:18

Tgt Ion:	153	Resp:	10668
Ion Ratio	Lower	Upper	
153	100		
152	48.0	40.3	60.5
154	88.0	71.4	107.2





#9

Fluorene

Concen: 0.546 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BE094304.D

Acq: 12 Oct 2017 6:18

Instrument :

BNA_E

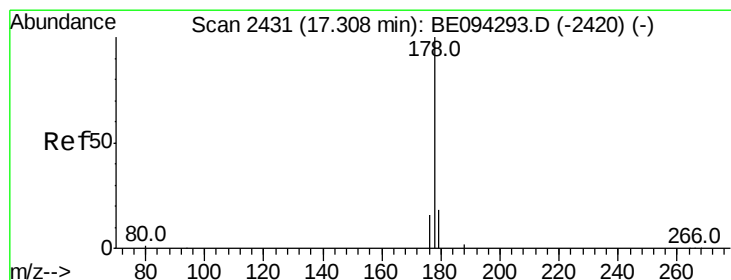
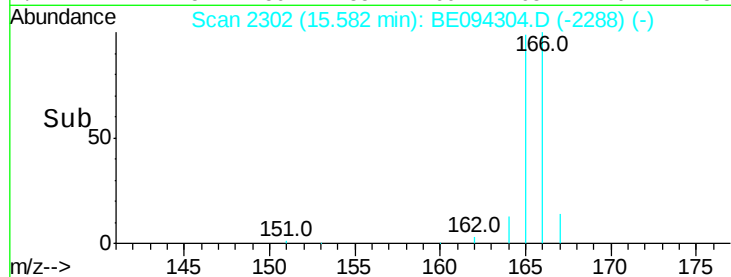
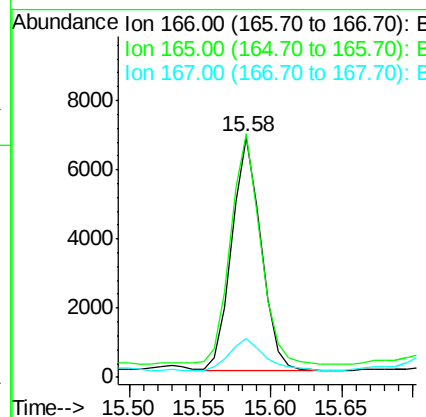
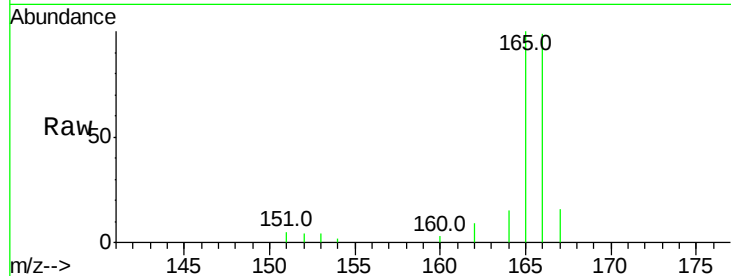
ClientSampleId :

C0AF0DL

Tot Ion:	166	Resp:	9741
Ion Ratio	Lower	Upper	
166	100		
165	101.3	73.4	110.2
167	16.2	14.6	22.0

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:12 PM



#12

Phenanthrene

Concen: 5.225 ng/ul

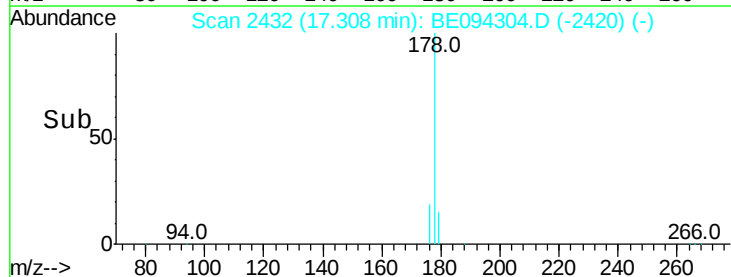
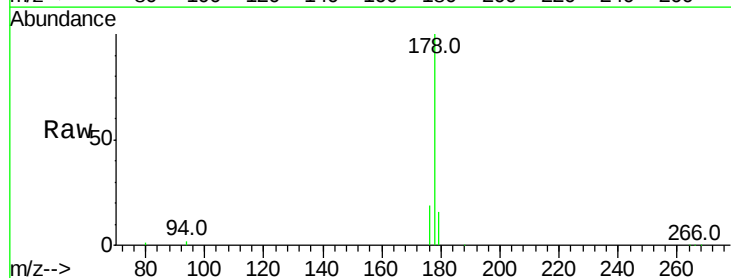
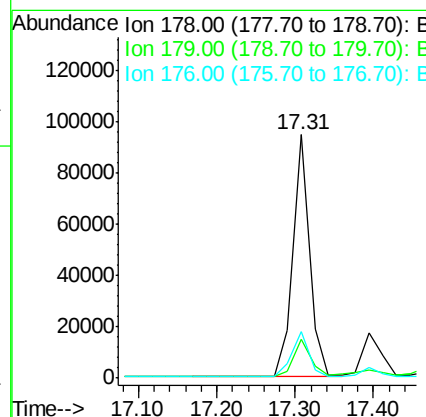
RT: 17.31 min Scan# 2432

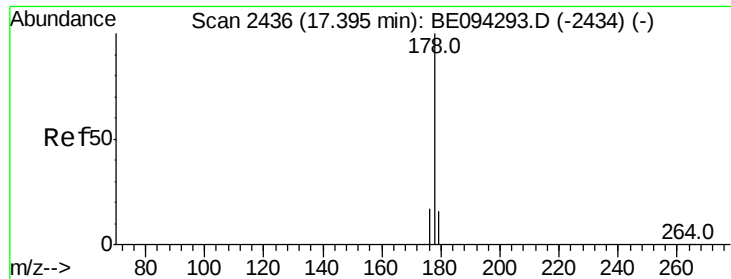
Delta R.T. -0.00 min

Lab File: BE094304.D

Acq: 12 Oct 2017 6:18

Tgt Ion:	178	Resp:	137878
Ion Ratio	Lower	Upper	
178	100		
179	15.8	18.4	27.6#
176	19.1	13.6	20.4





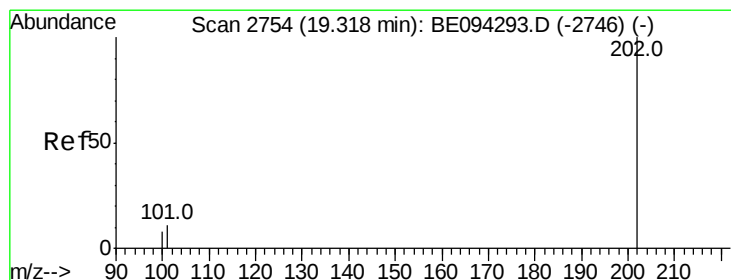
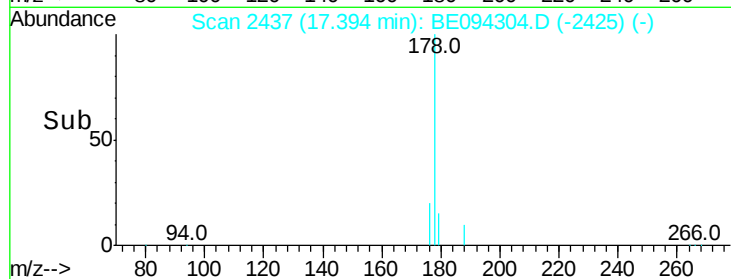
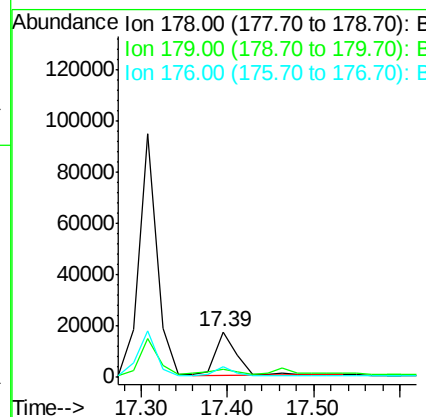
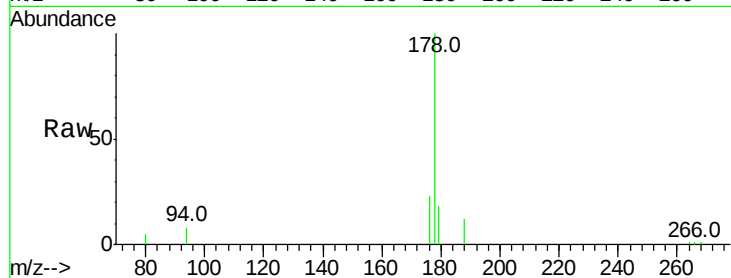
#13
 Anthracene
 Concen: 1.117 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BE094304.D
 Acq: 12 Oct 2017 6:18

Instrument :
 BNA_E
 ClientSampleId :
 COAF0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.4	18.1	27.1
176	22.5	14.7	22.1

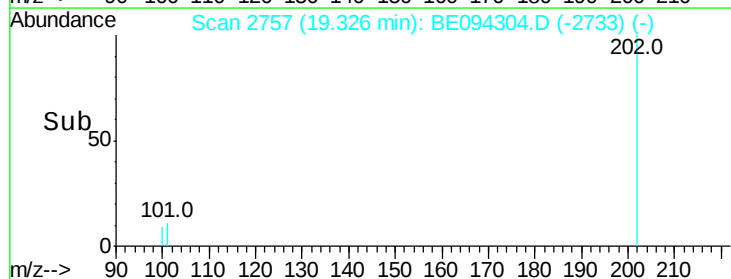
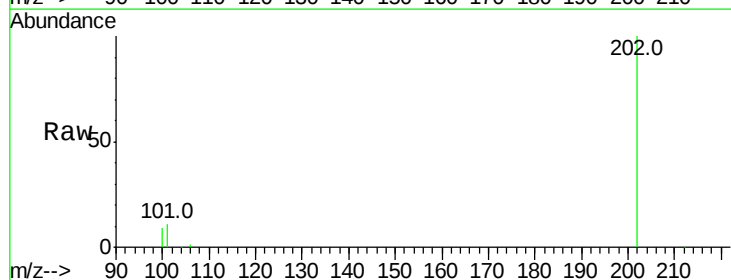
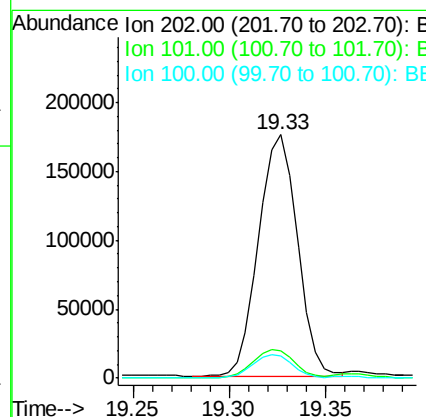
Manual Integrations
 APPROVED

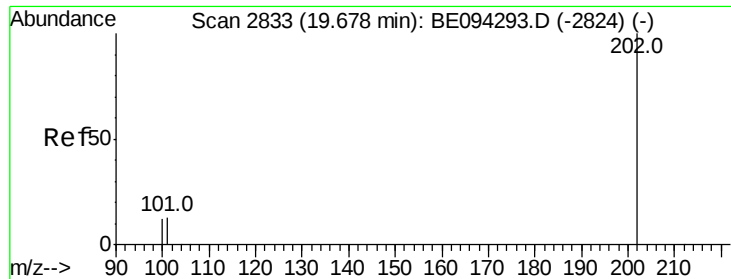
Sohil
 10/13/2017 12:06:12 PM



#15
 Fluoranthene
 Concen: 7.065 ng/ul
 RT: 19.33 min Scan# 2757
 Delta R.T. 0.01 min
 Lab File: BE094304.D
 Acq: 12 Oct 2017 6:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	8.9	0.0	39.5





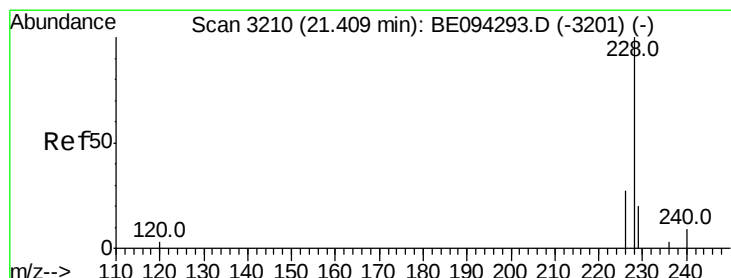
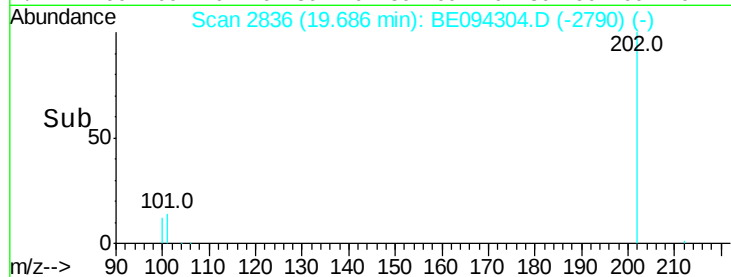
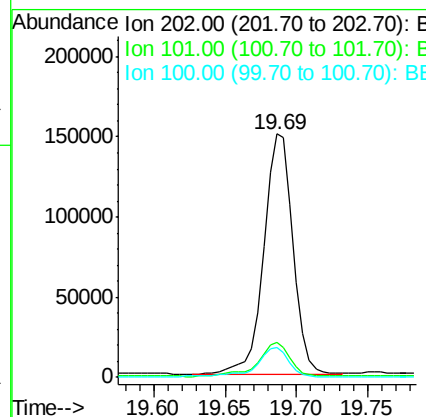
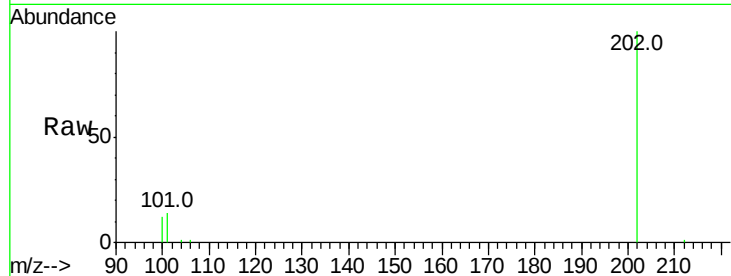
#17
Pvrene
Concen: 7.829 ng/ul
RT: 19.69 min Scan# 2836
Delta R.T. 0.01 min
Lab File: BE094304.D
Acq: 12 Oct 2017 6:18

Instrument :
BNA_E
ClientSampleId :
C0AF0DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	18.2	27.4#
100	12.4	15.6	23.4#

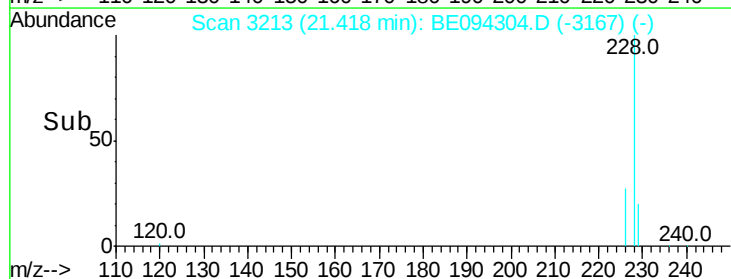
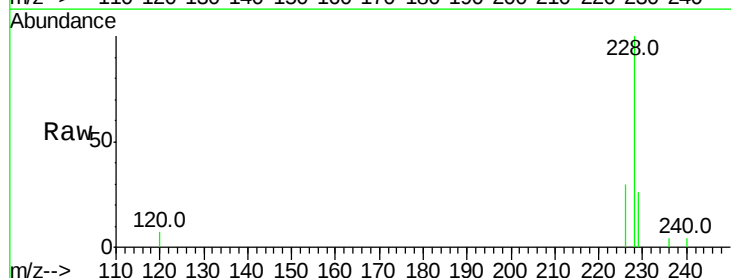
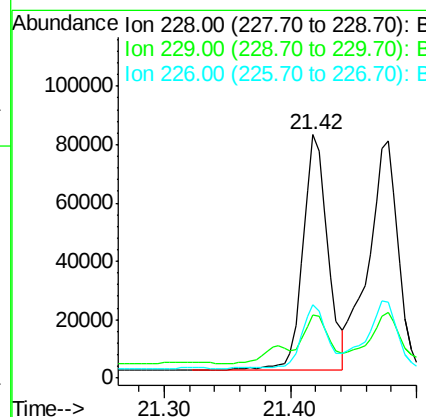
Manual Integrations
APPROVED

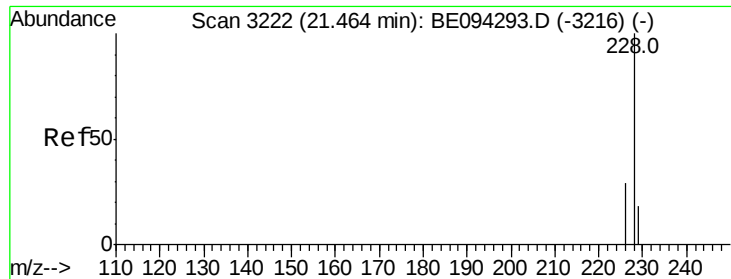
Sohil
10/13/2017 12:06:12 PM



#18
Benzo(a)anthracene
Concen: 4.188 ng/ul
RT: 21.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BE094304.D
Acq: 12 Oct 2017 6:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.1	22.8	34.2
226	30.2	17.0	25.6#





#19

Chrysene

Concen: 4.321 ng/ul m

RT: 21.48 min Scan# 3226

Delta R.T. 0.01 min

Lab File: BE094304.D

Acq: 12 Oct 2017 6:18

Instrument :

BNA_E

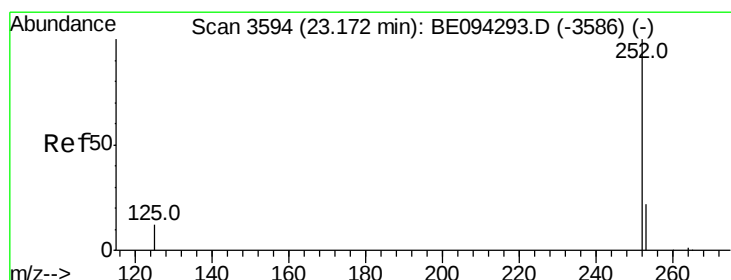
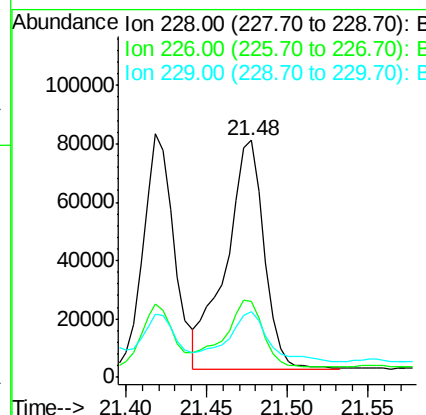
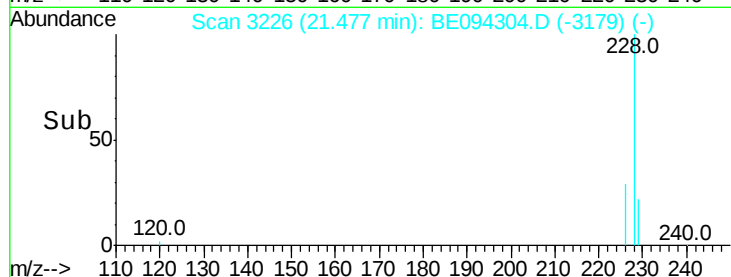
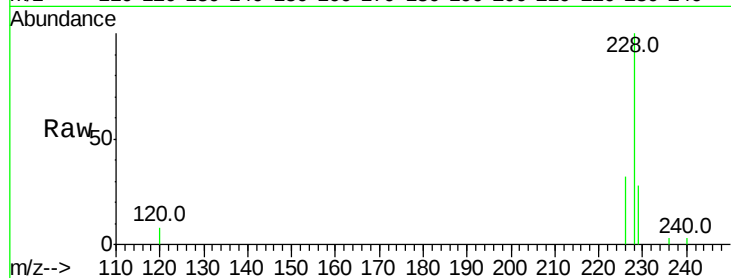
ClientSampleId :

C0AF0DL

Tot Ion:	228	Resp:	130361
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.4	35.0
229	27.6	17.7	26.5#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:12 PM



#21

Benzo(b)fluoranthene

Concen: 6.183 ng/ul m

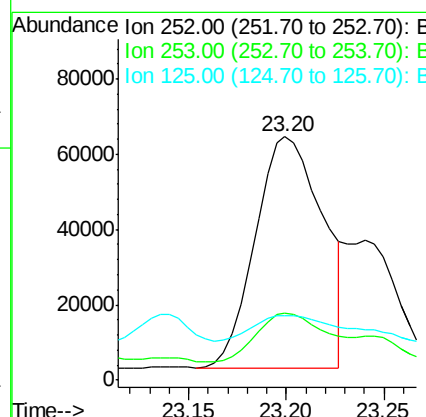
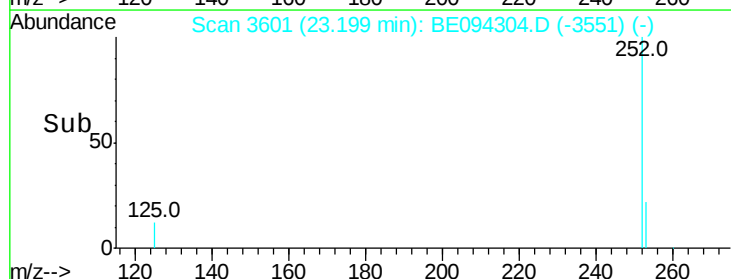
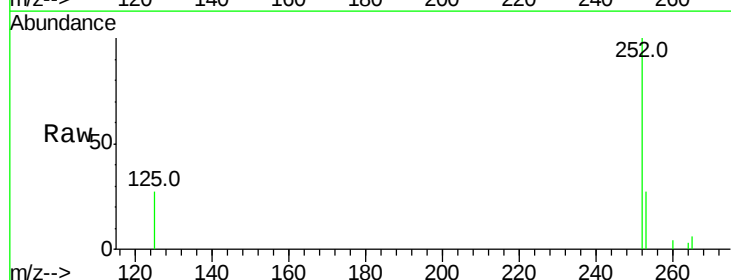
RT: 23.20 min Scan# 3601

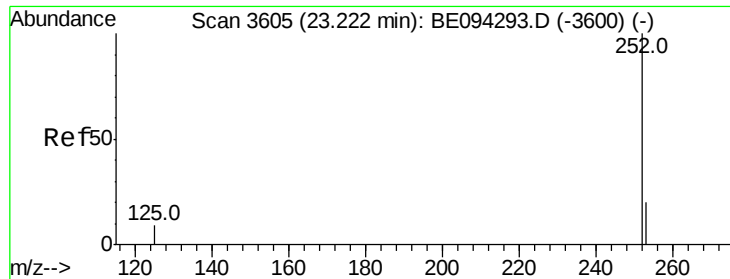
Delta R.T. 0.03 min

Lab File: BE094304.D

Acq: 12 Oct 2017 6:18

Tgt Ion:	252	Resp:	150211
Ion Ratio	Lower	Upper	
252	100		
253	27.4	0.0	64.2
125	26.6	0.0	35.0





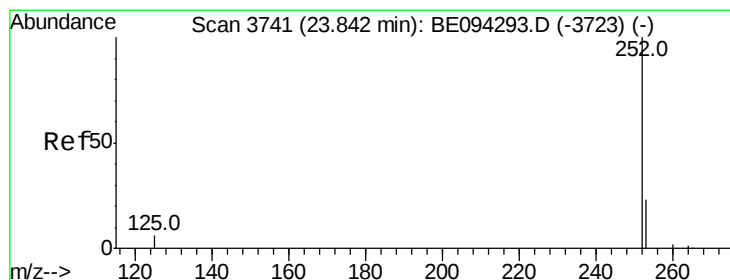
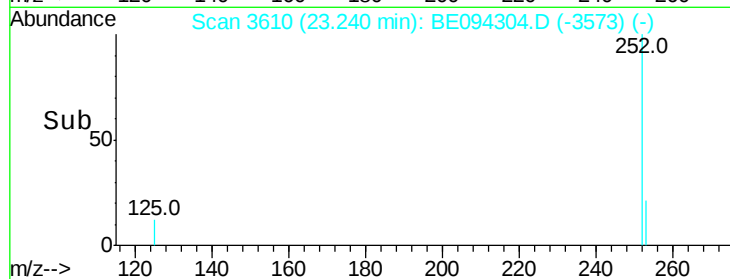
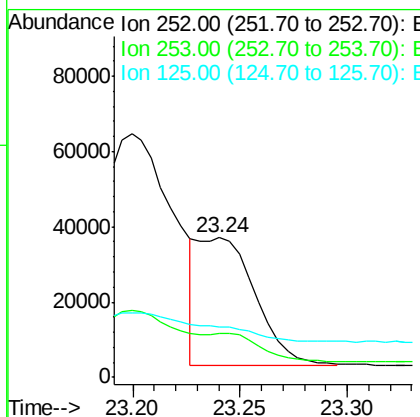
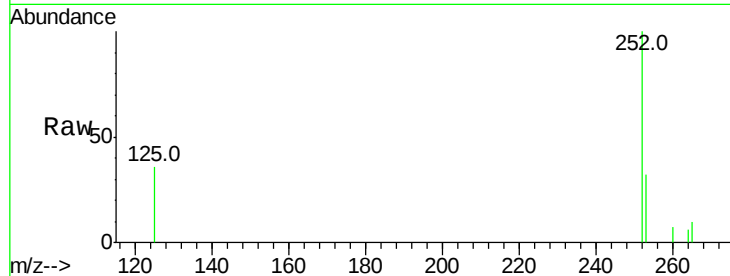
#22
Benzo(k)fluoranthene
Concen: 2.235 ng/ul m
RT: 23.24 min Scan# 3610
Delta R.T. 0.02 min
Lab File: BE094304.D
Acq: 12 Oct 2017 6:18

Instrument :
BNA_E
ClientSampleId :
C0AF0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.7	24.5	36.7
125	36.4	13.7	20.5#

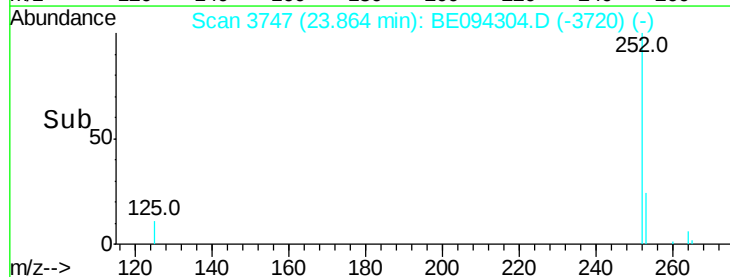
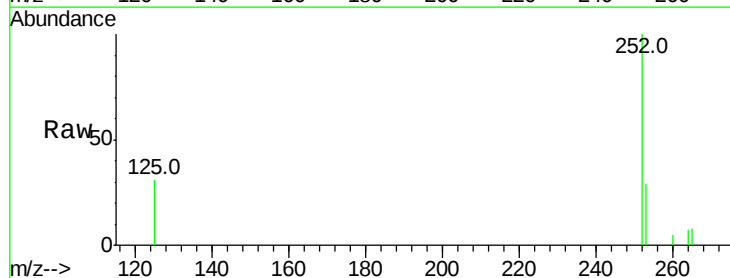
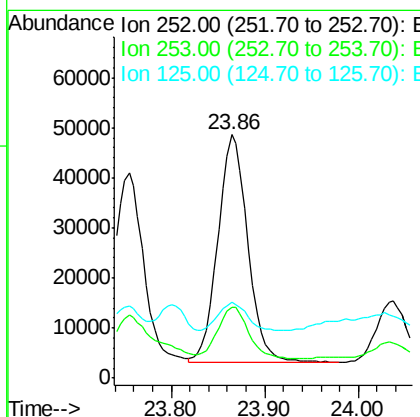
Manual Integrations
APPROVED

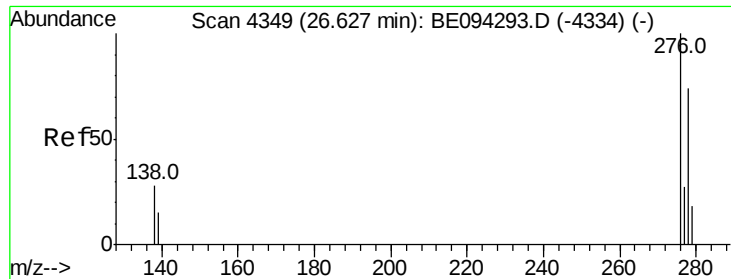
Sohil
10/13/2017 12:06:12 PM



#23
Benzo(a)pyrene
Concen: 3.956 ng/ul
RT: 23.86 min Scan# 3747
Delta R.T. 0.02 min
Lab File: BE094304.D
Acq: 12 Oct 2017 6:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	28.5	42.7
125	30.9	18.1	27.1#





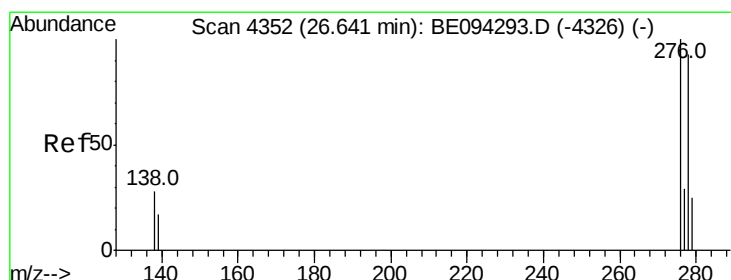
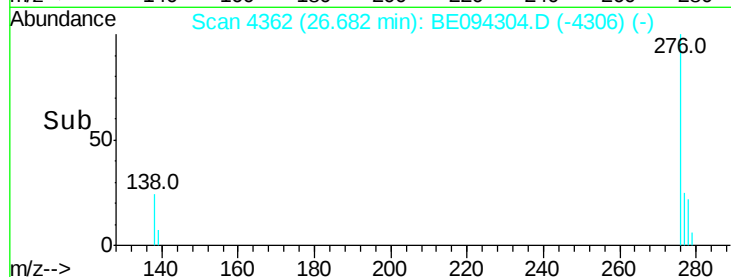
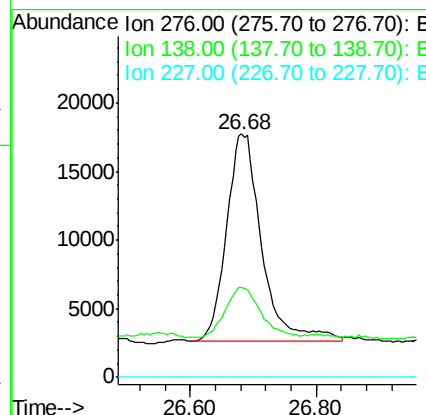
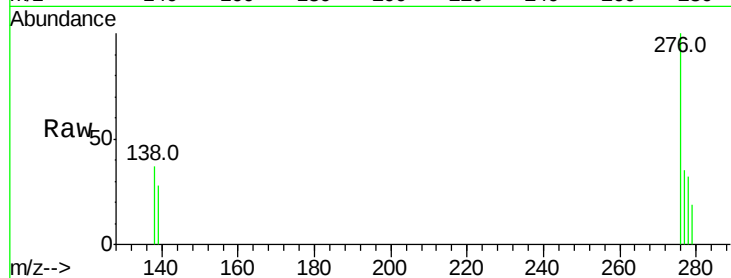
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.271 ng/ul
 RT: 26.68 min Scan# 4362
 Delta R.T. 0.05 min
 Lab File: BE094304.D
 Acq: 12 Oct 2017 6:18

Instrument :
 BNA_E
 ClientSampleId :
 COAF0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	28.0	42.0#
227	0.0	8.0	12.0#

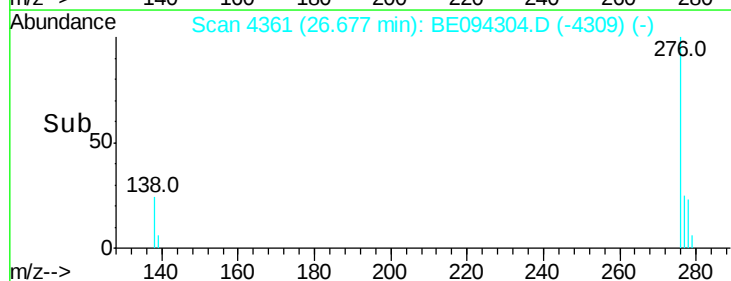
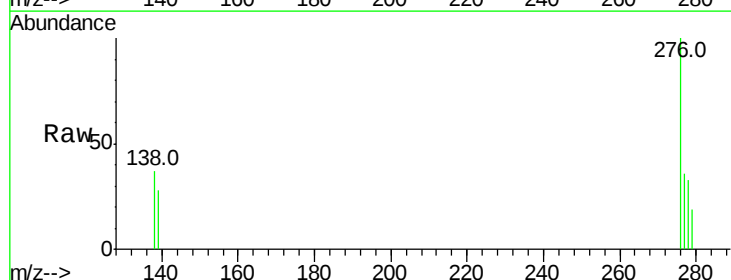
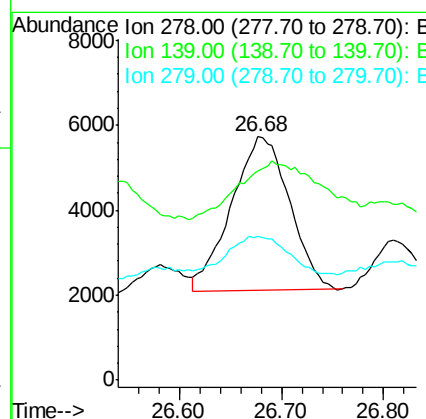
Manual Integrations
 APPROVED

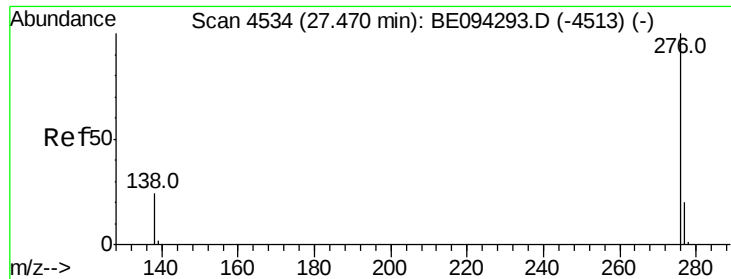
Sohil
 10/13/2017 12:06:12 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.661 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. 0.04 min
 Lab File: BE094304.D
 Acq: 12 Oct 2017 6:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	85.8	17.4	26.0#
279	59.1	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 2.109 ng/ul
 RT: 27.52 min Scan# 4546
 Delta R.T. 0.05 min
 Lab File: BE094304.D
 Acq: 12 Oct 2017 6:18

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	39.6	21.8	32.8#
277	38.7	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:06:12 PM

