

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094383.D
 Acq On : 15 Oct 2017 8:15
 Operator : SJ/JU
 Sample : I5548-18DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF8DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:53 PM

Quant Time: Oct 16 06:39:08 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2160	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11268	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7022	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13496	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	14004	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11939	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	737	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1750	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	97332	3.527	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	125891	7.031	ng/ul	98
8) Acenaphthene	14.59	153	4852	0.215	ng/ul#	64
9) Fluorene	15.57	166	1545	0.059	ng/ul#	63
12) Phenanthrene	17.29	178	24718	0.701	ng/ul#	91
13) Anthracene	17.38	178	3138	0.091	ng/ul#	64
15) Fluoranthene	19.31	202	20509	0.443	ng/ul	82
17) Pyrene	19.67	202	20126	0.517	ng/ul#	87
18) Benzo(a)anthracene	21.40	228	10509	0.283	ng/ul#	58
19) Chrysene	21.46	228	11964	0.279	ng/ul#	54
21) Benzo(b)fluoranthene	23.18	252	13546m	0.418	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	4455m	0.119	ng/ul	
23) Benzo(a)pyrene	23.85	252	8595	0.255	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.65	276	5545	0.161	ng/ul#	80
26) Benzo(a,h,i)perylene	27.49	276	6189	0.208	ng/ul#	28

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

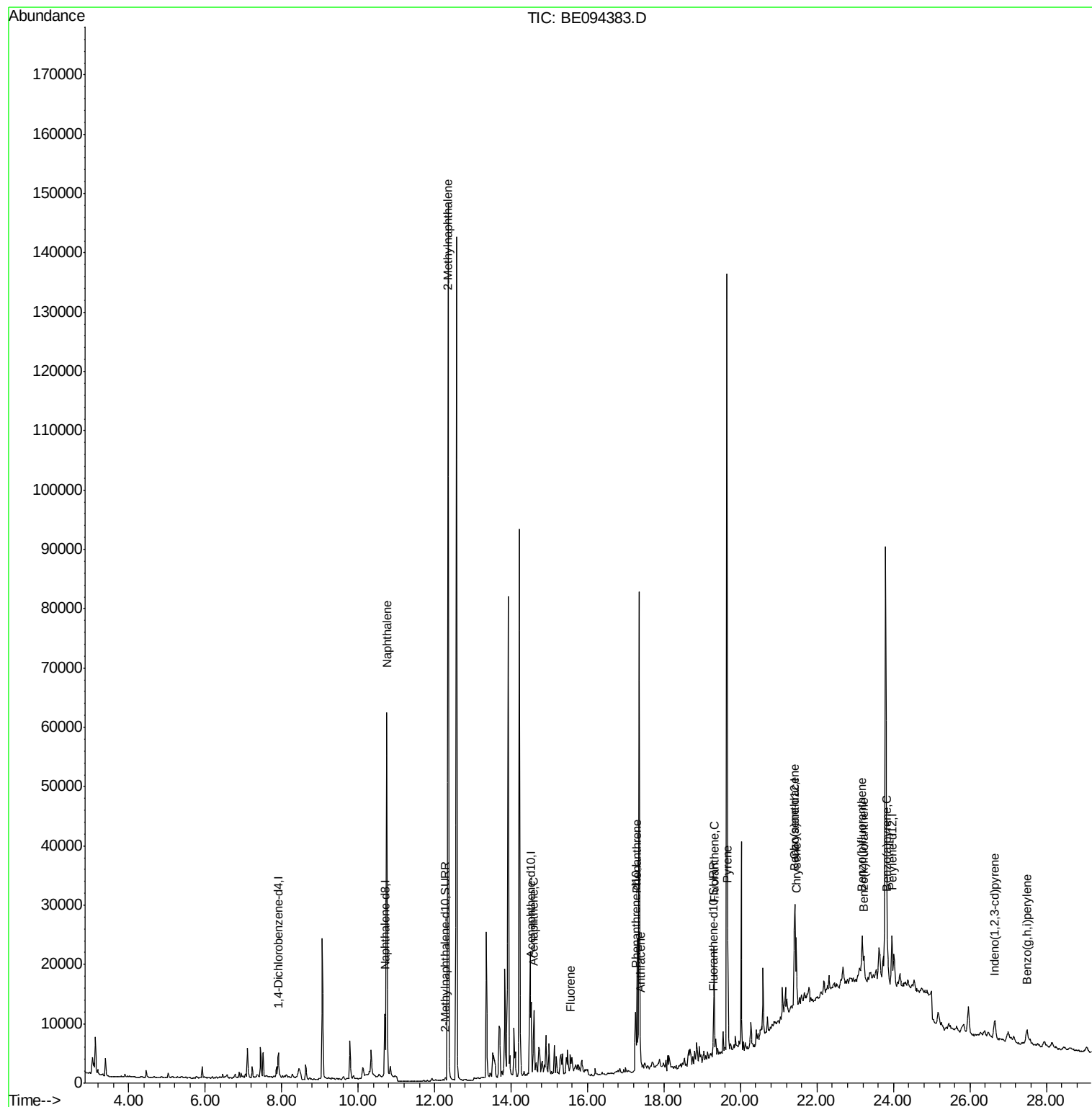
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094383.D
Acq On : 15 Oct 2017 8:15
Operator : SJ/JU
Sample : I5548-18DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

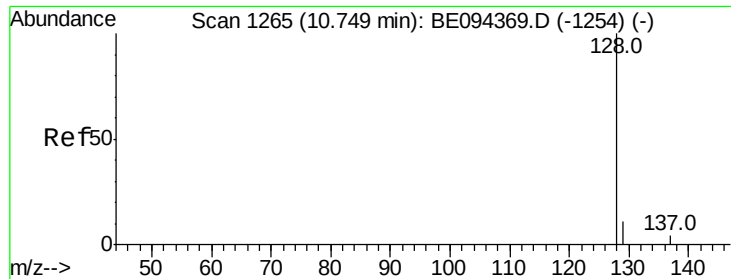
Instrument :
BNA_E
ClientSampleId :
C0AF8DL

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:53 PM

Quant Time: Oct 16 06:39:08 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 05:09:03 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.527 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094383.D

Acq: 15 Oct 2017 8:15

Instrument :

BNA_E

ClientSampleId :

C0AF8DL

Tot Ion:128 Resp: 97332

Ion Ratio Lower Upper

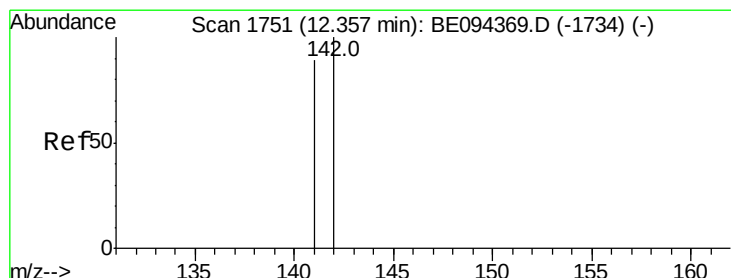
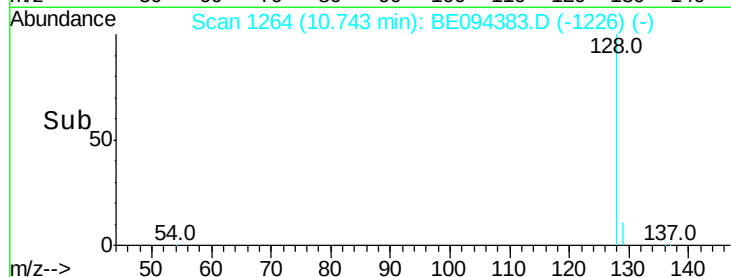
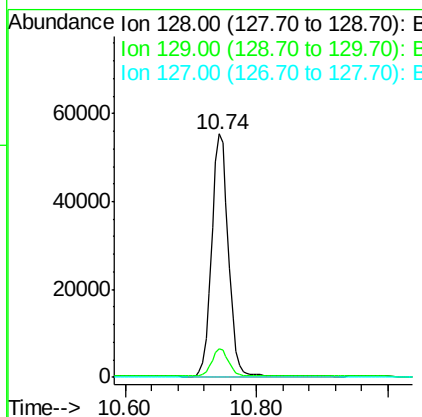
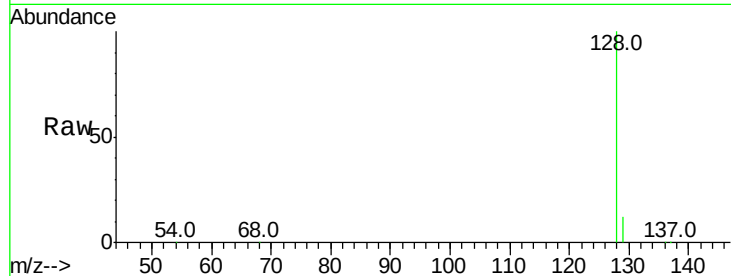
128 100

129 11.7 11.3 16.9

127 0.0 4.0 6.0#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:53 PM



#5

2-Methylnaphthalene

Concen: 7.031 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BE094383.D

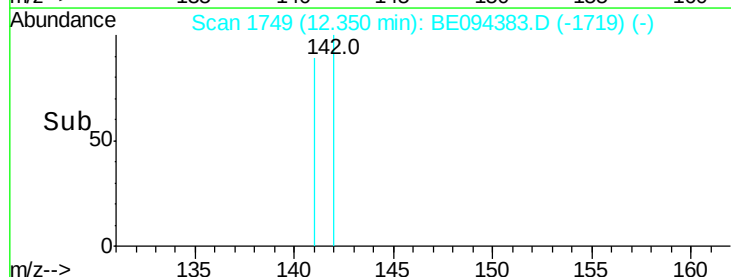
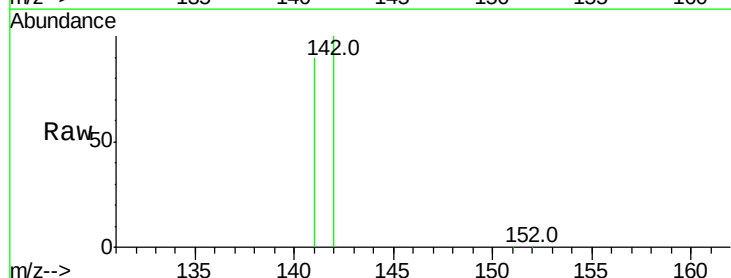
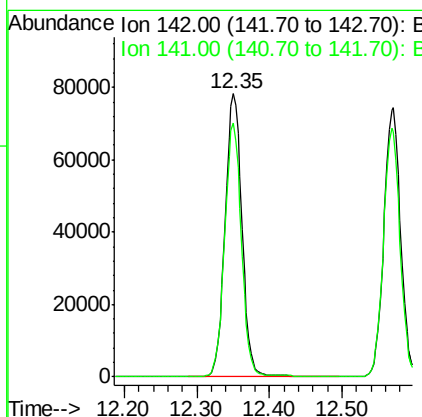
Acq: 15 Oct 2017 8:15

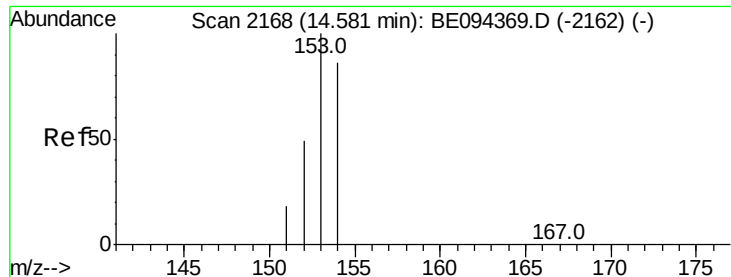
Tgt Ion:142 Resp: 125891

Ion Ratio Lower Upper

142 100

141 89.2 72.6 108.8





#8

Acenaphthene

Concen: 0.215 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE094383.D

Acq: 15 Oct 2017 8:15

Instrument :

BNA_E

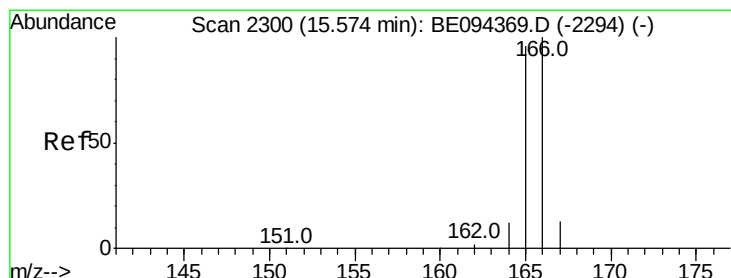
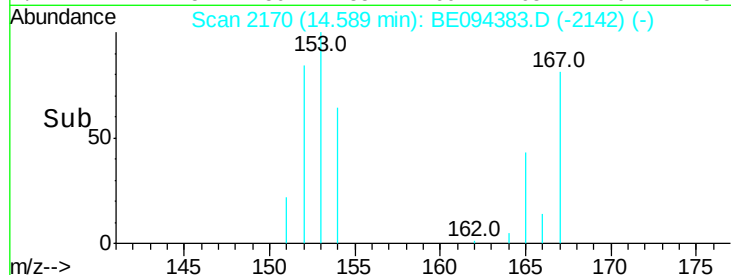
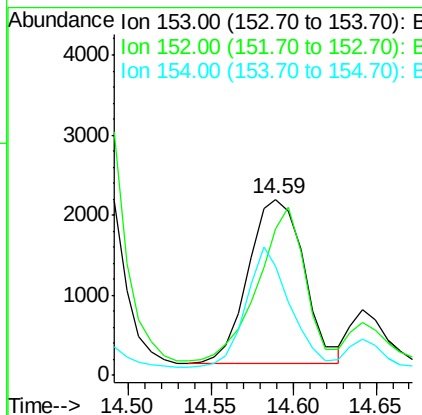
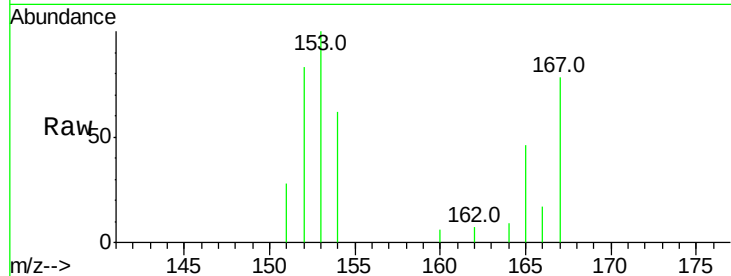
ClientSampleId :

C0AF8DL

Tot Ion:	153	Resp:	4852
Ion Ratio	Lower	Upper	
153	100		
152	83.3	40.3	60.5#
154	62.3	71.4	107.2#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:53 PM



#9

Fluorene

Concen: 0.059 ng/ul

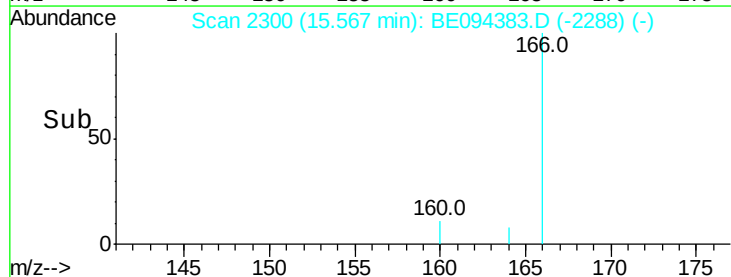
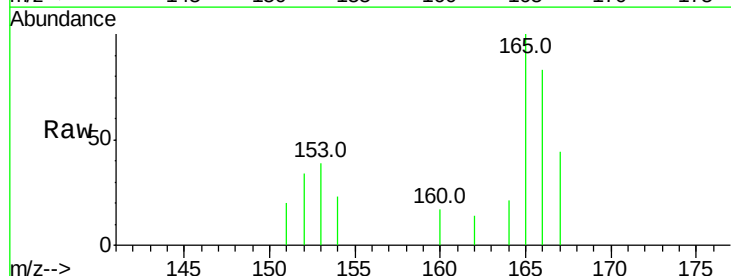
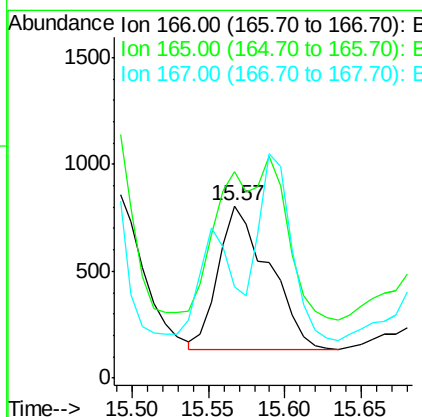
RT: 15.57 min Scan# 2300

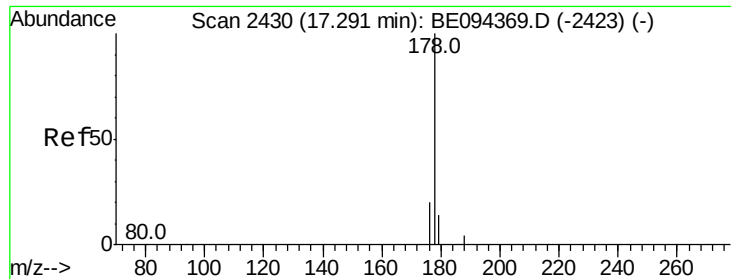
Delta R.T. -0.01 min

Lab File: BE094383.D

Acq: 15 Oct 2017 8:15

Tgt Ion:	166	Resp:	1545
Ion Ratio	Lower	Upper	
166	100		
165	119.8	73.4	110.2#
167	52.7	14.6	22.0#





#12

Phenanthrene

Concen: 0.701 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094383.D

Acq: 15 Oct 2017 8:15

Instrument :

BNA_E

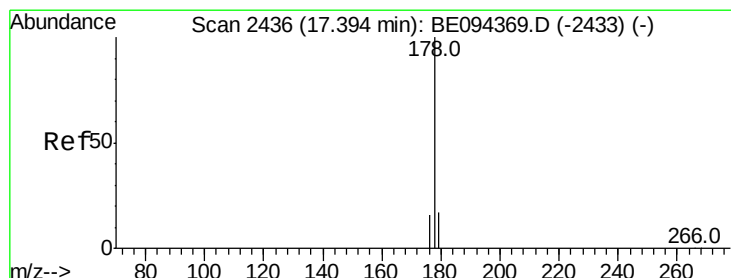
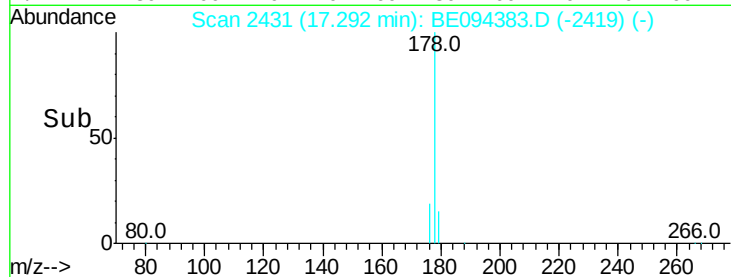
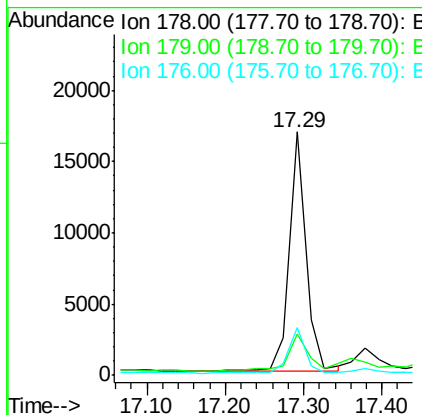
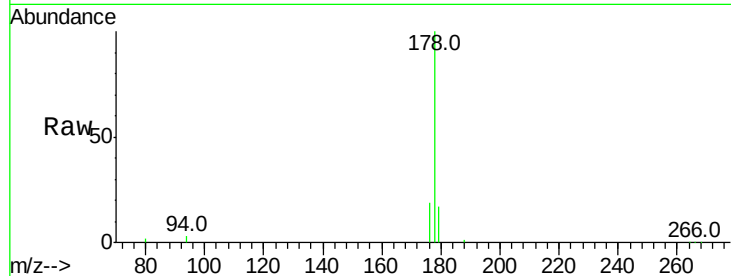
ClientSampleId :

C0AF8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	19.4	13.6	20.4

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:53 PM



#13

Anthracene

Concen: 0.091 ng/ul

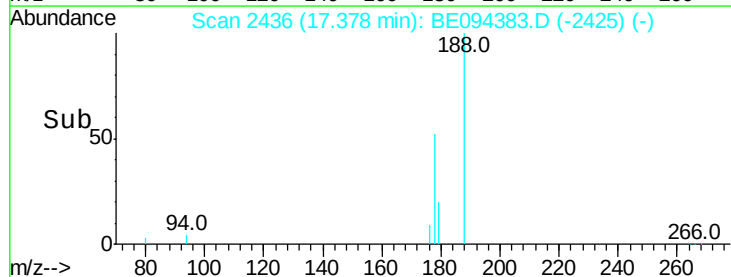
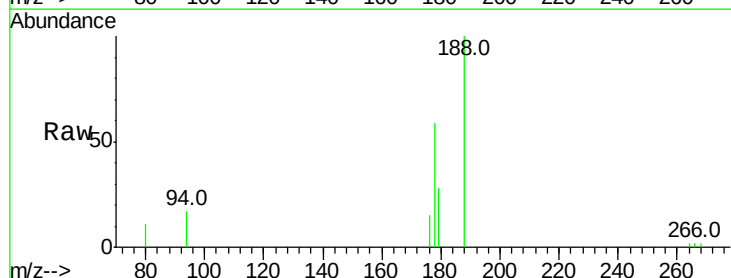
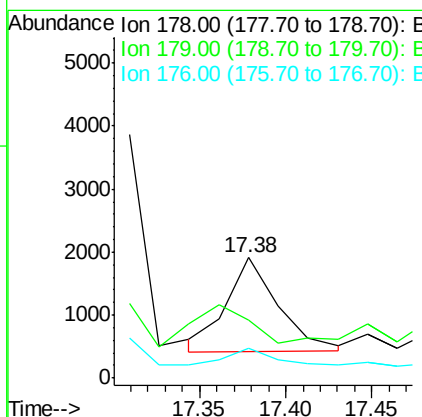
RT: 17.38 min Scan# 2436

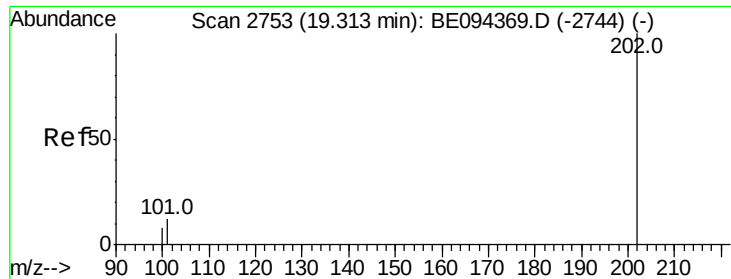
Delta R.T. -0.02 min

Lab File: BE094383.D

Acq: 15 Oct 2017 8:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	48.3	18.1	27.1#
176	24.9	14.7	22.1#





#15

Fluoranthene

Concen: 0.443 ng/ul

RT: 19.31 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE094383.D

Acq: 15 Oct 2017 8:15

Instrument :

BNA_E

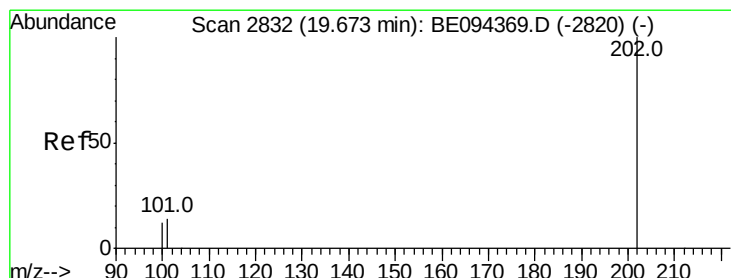
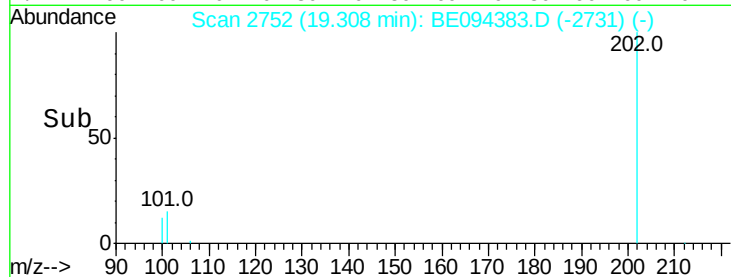
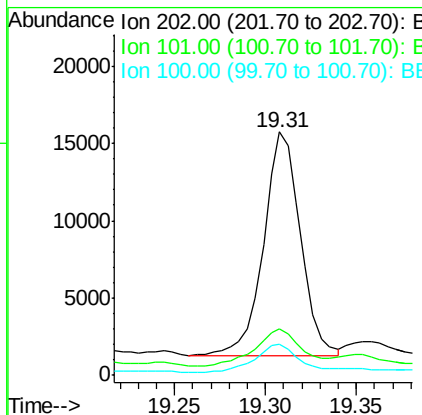
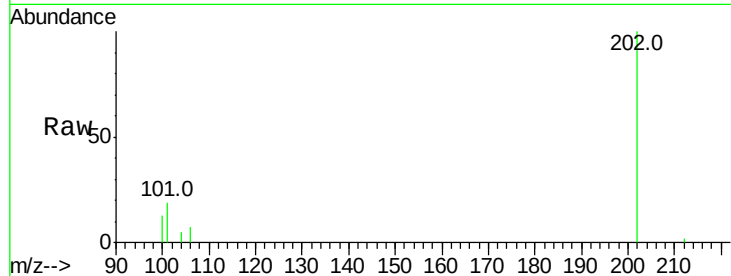
ClientSampleId :

C0AF8DL

Tot Ion:	202	Resp:	20509
Ion Ratio	Lower	Upper	
202	100		
101	18.9	0.0	30.3
100	12.5	0.0	39.5

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:53 PM



#17

Pyrene

Concen: 0.517 ng/ul

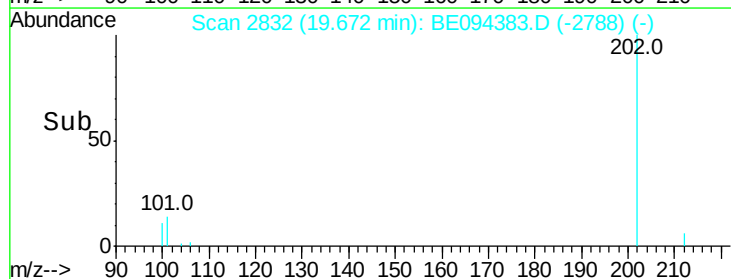
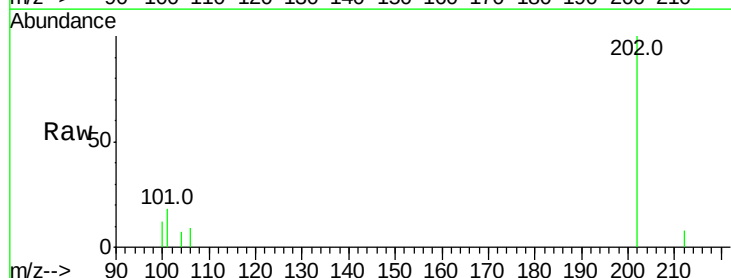
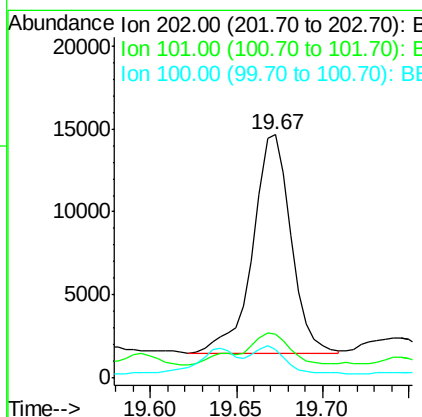
RT: 19.67 min Scan# 2832

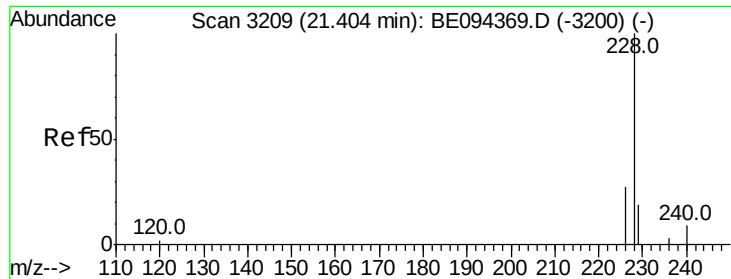
Delta R.T. -0.00 min

Lab File: BE094383.D

Acq: 15 Oct 2017 8:15

Tgt Ion:	202	Resp:	20126
Ion Ratio	Lower	Upper	
202	100		
101	18.1	18.2	27.4#
100	11.8	15.6	23.4#





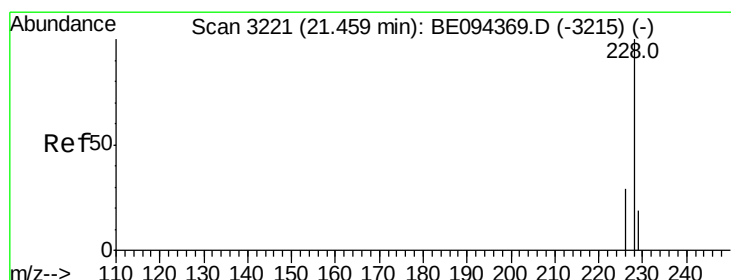
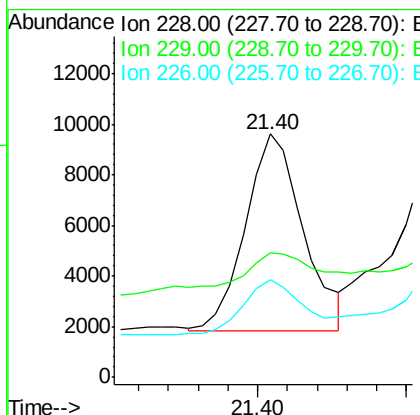
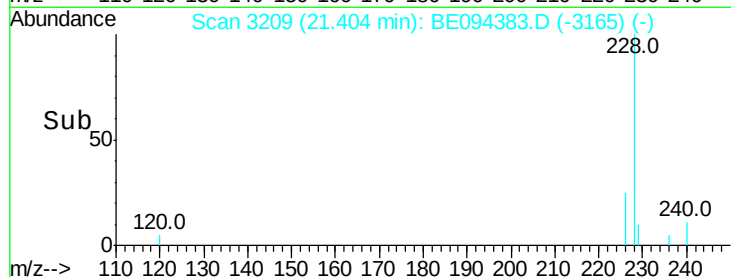
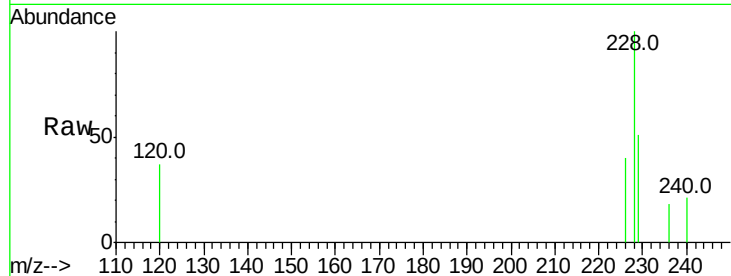
#18
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE094383.D
Acq: 15 Oct 2017 8:15

Instrument :
BNA_E
ClientSampleId :
C0AF8DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	51.1	22.8	34.2#
226	40.2	17.0	25.6#

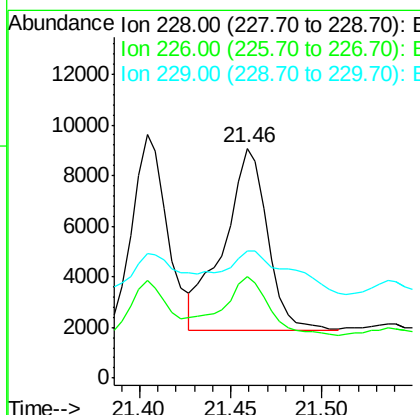
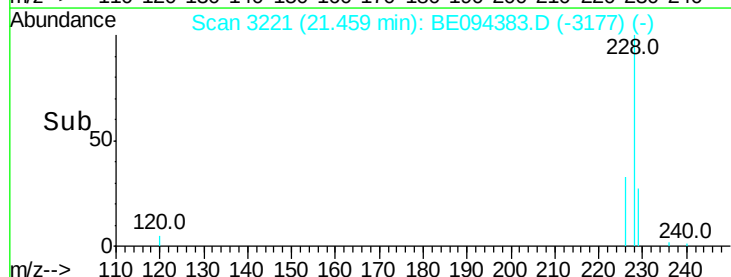
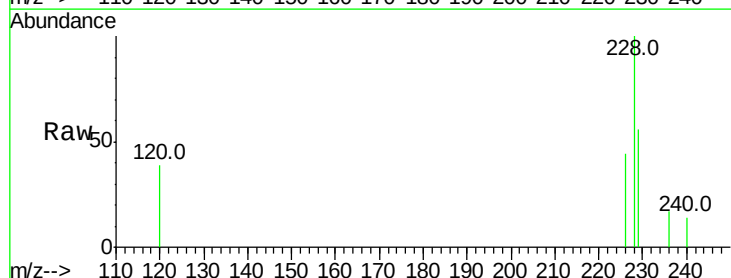
Manual Integrations
APPROVED

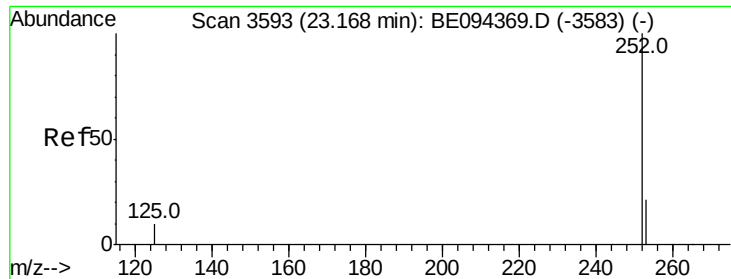
Sohil
10/16/2017 8:25:53 PM



#19
Chrysene
Concen: 0.279 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BE094383.D
Acq: 15 Oct 2017 8:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	44.0	23.4	35.0#
229	55.6	17.7	26.5#





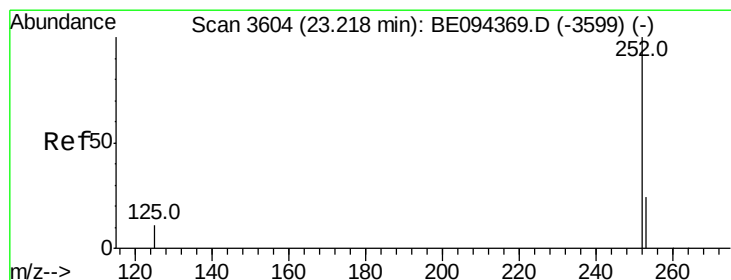
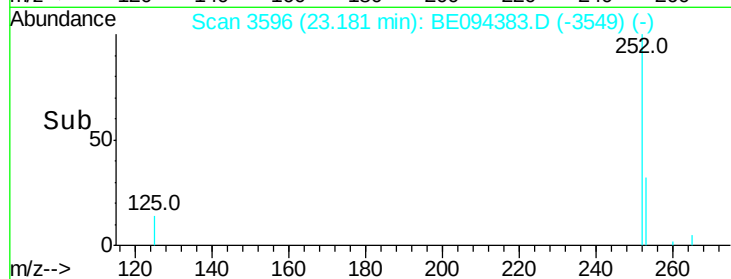
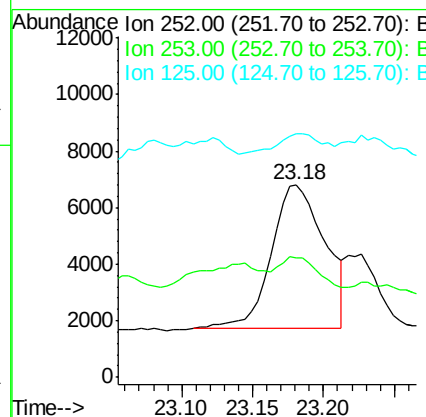
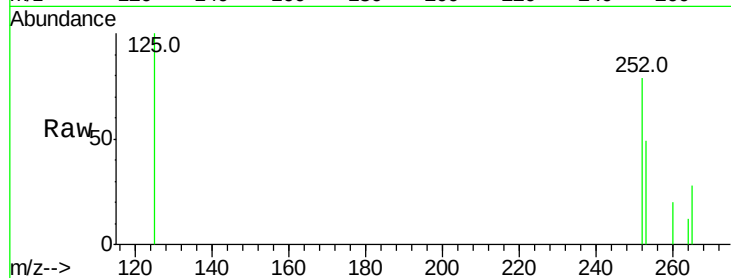
#21
Benzo(b)fluoranthene
Concen: 0.418 ng/ul m
RT: 23.18 min Scan# 3596
Delta R.T. 0.01 min
Lab File: BE094383.D
Acq: 15 Oct 2017 8:15

Instrument :
BNA_E
ClientSampleId :
C0AF8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	62.0	0.0	64.2
125	126.2	0.0	35.0#

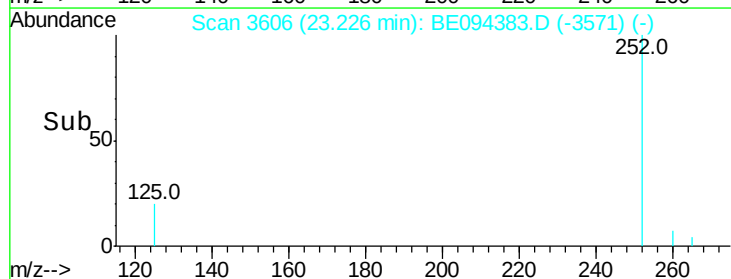
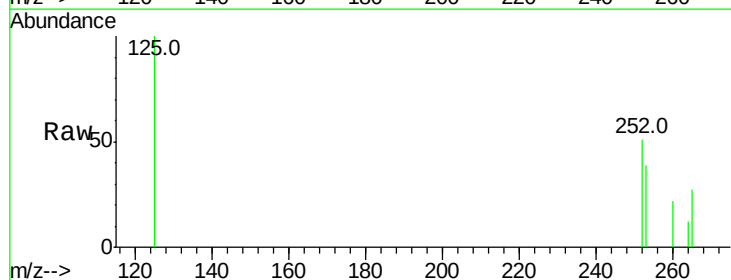
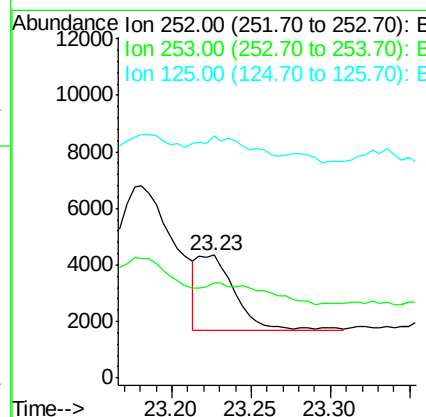
Manual Integrations
APPROVED

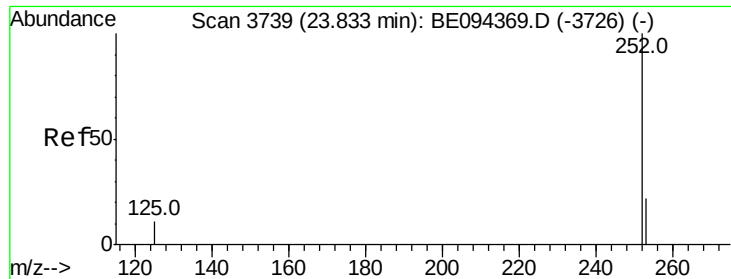
Sohil
10/16/2017 8:25:53 PM



#22
Benzo(k)fluoranthene
Concen: 0.119 ng/ul m
RT: 23.23 min Scan# 3606
Delta R.T. 0.01 min
Lab File: BE094383.D
Acq: 15 Oct 2017 8:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	77.0	24.5	36.7#
125	197.2	13.7	20.5#





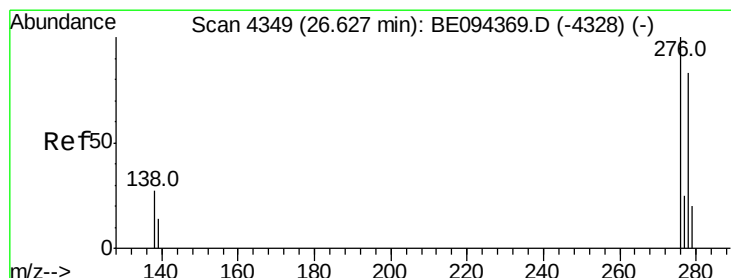
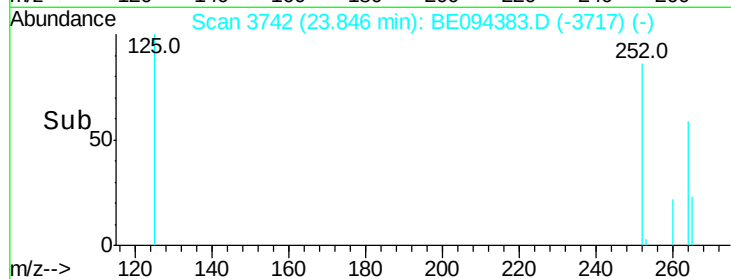
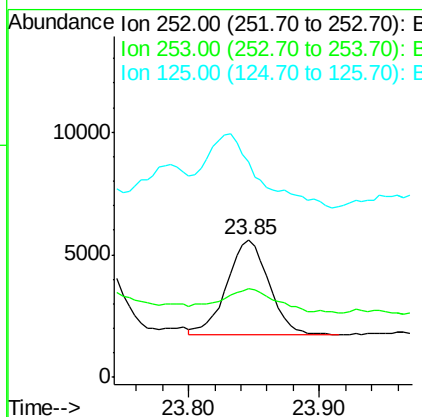
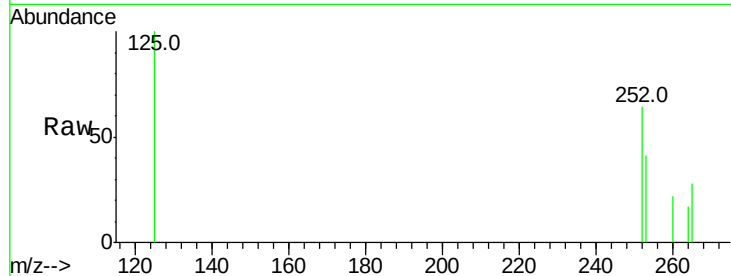
#23
Benzo(a)pyrene
Concen: 0.255 ng/ul
RT: 23.85 min Scan# 3742
Delta R.T. 0.01 min
Lab File: BE094383.D
Acq: 15 Oct 2017 8:15

Instrument :
BNA_E
ClientSampleId :
C0AF8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	64.3	28.5	42.7#
125	156.7	18.1	27.1#

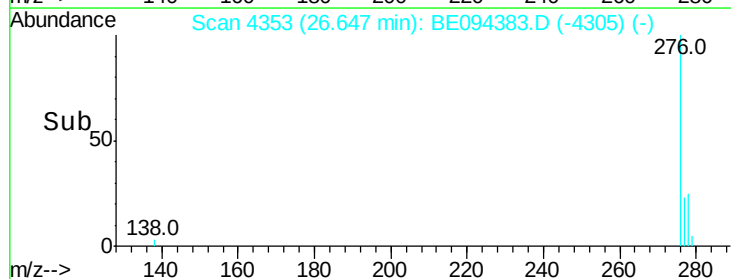
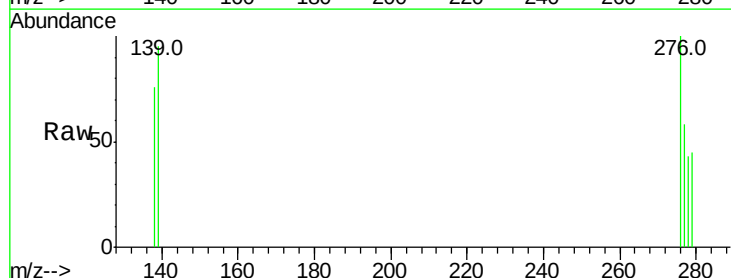
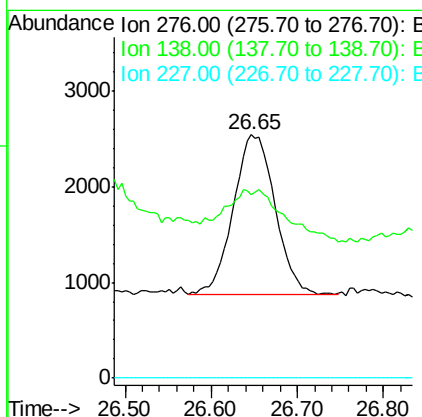
Manual Integrations
APPROVED

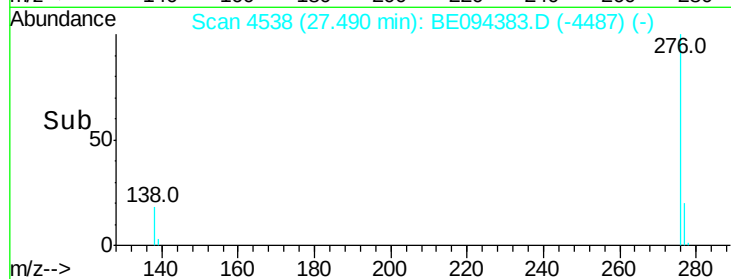
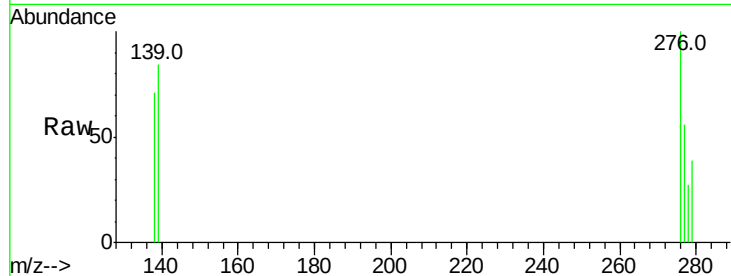
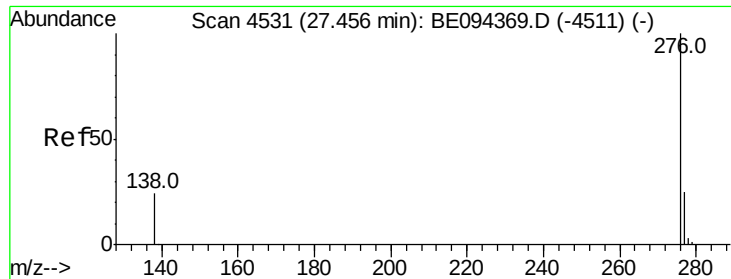
Sohil
10/16/2017 8:25:53 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/ul
RT: 26.65 min Scan# 4353
Delta R.T. 0.02 min
Lab File: BE094383.D
Acq: 15 Oct 2017 8:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.4	28.0	42.0#
227	0.0	8.0	12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.208 ng/ul

RT: 27.49 min Scan# 4538

Delta R.T. 0.03 min

Lab File: BE094383.D

Acq: 15 Oct 2017 8:15

Instrument :

BNA_E

ClientSampleId :

C0AF8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	70.6	21.8	32.8#
277	55.8	20.5	30.7#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:53 PM

