

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094457.D
 Acq On : 19 Oct 2017 21:30
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:11:26 PM

Quant Time: Oct 20 13:52:26 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1311	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	6784	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4079	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	7504	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	9652	0.40	ng	0.00
34) Perylene-d12	23.95	264	9134	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1893	0.43	ng	0.00
5) Phenol-d6	7.13	99	2899	0.42	ng	0.00
8) Nitrobenzene-d5	9.08	82	2437	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4659	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	610	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6212	0.43	ng	0.00
25) Fluoranthene-d10	19.28	212	45084	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	7735	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	938	0.422	ng	# 84
3) n-Nitrosodimethylamine	3.75	42	877	0.385	ng	# 93
6) bis(2-Chloroethyl)ether	7.33	93	2182	0.427	ng	90
9) Naphthalene	10.74	128	33209	0.438	ng	100
10) Hexachlorobutadiene	11.01	225	1265	0.417	ng	97
12) 2-Methylnaphthalene	12.36	142	5623	0.450	ng	99
16) Acenaphthylene	14.24	152	9286	0.420	ng	100
17) Acenaphthene	14.58	154	5846	0.420	ng	98
18) Fluorene	15.56	166	7480	0.416	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	1727	0.460	ng	# 18
21) Hexachlorobenzene	16.58	284	2130m	0.296	ng	
22) Pentachlorophenol	16.97	266	248	0.470	ng	87
23) Phenanthrene	17.30	178	9091	0.308	ng	98
24) Anthracene	17.37	178	9280m	0.407	ng	
26) Fluoranthene	19.31	202	13640	0.372	ng	100
28) Pyrene	19.67	202	14274	0.392	ng	99
30) Benzo(a)anthracene	21.40	228	13631	0.408	ng	# 62
31) Chrysene	21.46	228	13183	0.410	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.29	149	34141	0.355	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	13144	0.406	ng	99
35) Benzo(b)fluoranthene	23.17	252	12725	0.411	ng	# 43
36) Benzo(k)fluoranthene	23.22	252	12795	0.419	ng	# 43
37) Benzo(a)pyrene	23.84	252	11974	0.411	ng	# 37
38) Dibenzo(a,h)anthracene	26.63	278	11450	0.415	ng	# 47
39) Benzo(g,h,i)perylene	27.47	276	11028	0.416	ng	# 56

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

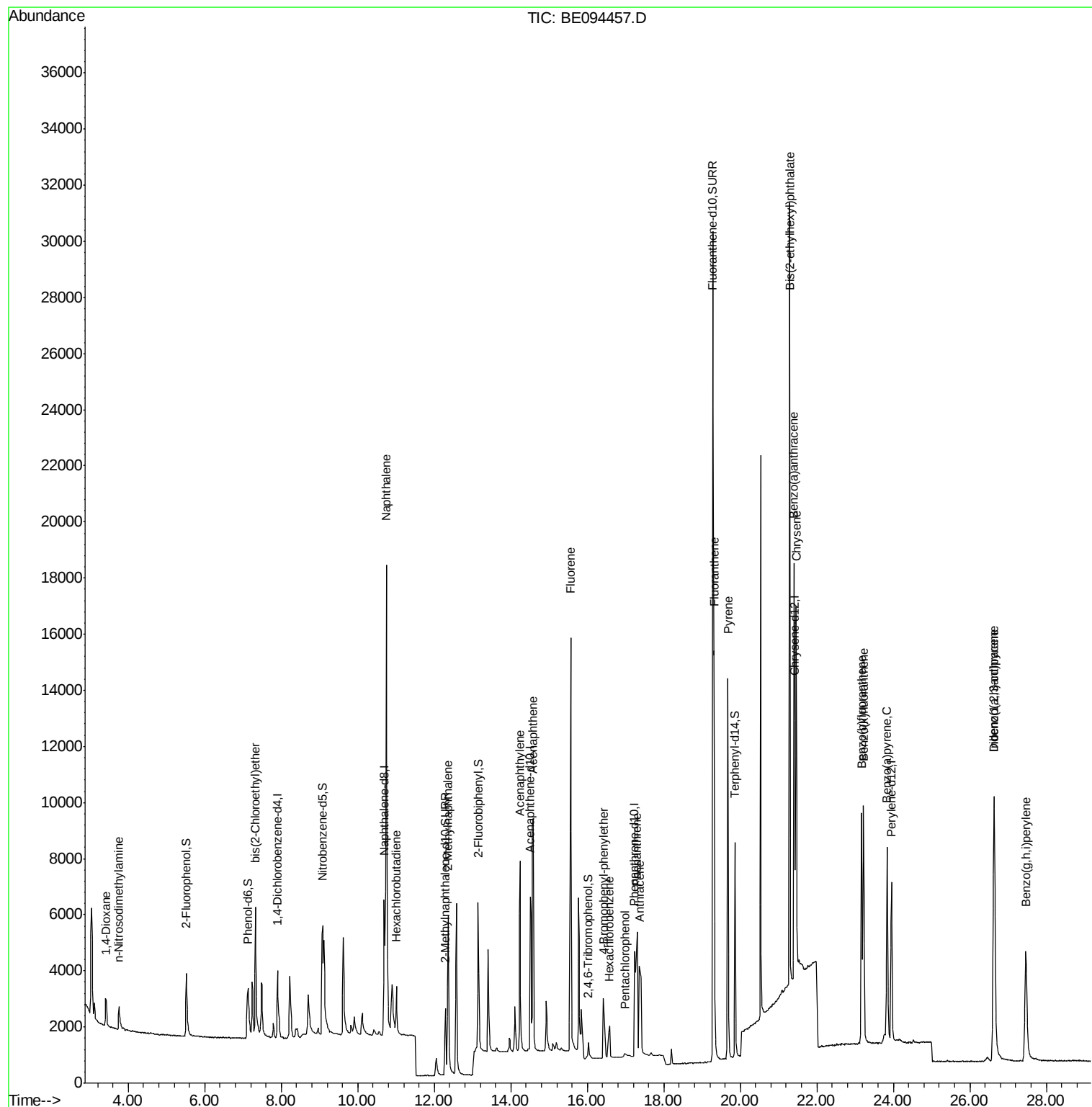
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094457.D
Acq On : 19 Oct 2017 21:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

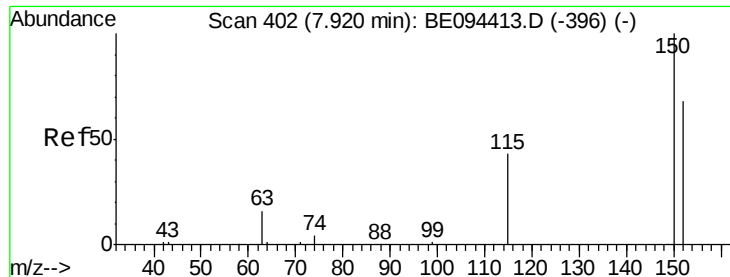
Instrument :
BNA_E
ClientSampled :
SSTDCCC0.4

Manual Integrations
APPROVED

Sohil
10/23/2017 3:11:26 PM

Quant Time: Oct 20 13:52:26 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration

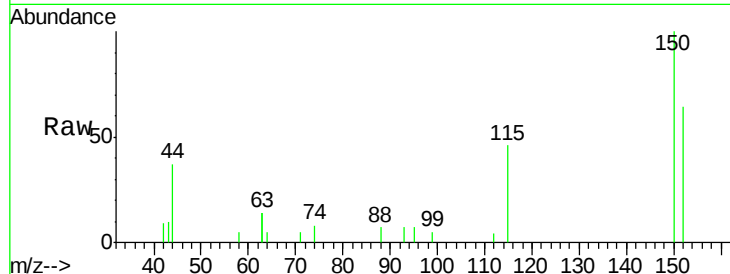




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

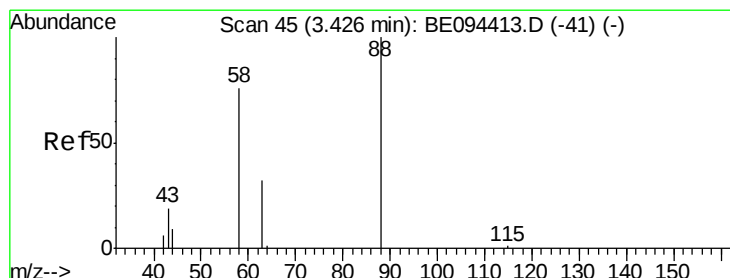
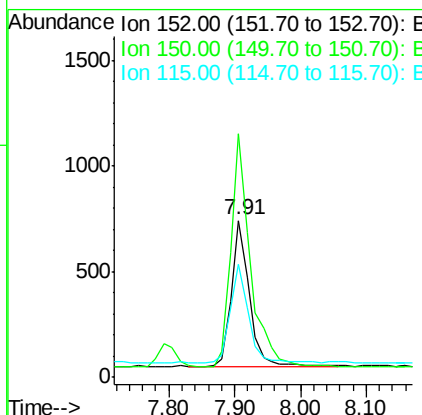
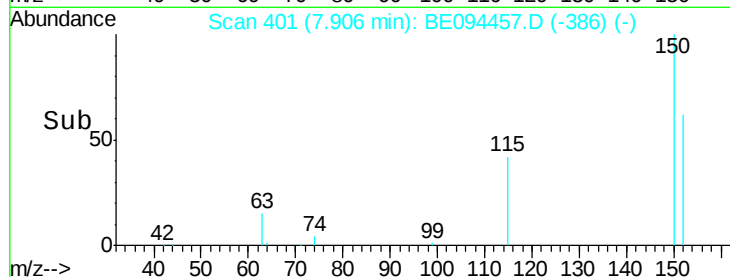
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	117.2	175.8
115	72.1	57.0	85.6

Manual Integrations
APPROVED

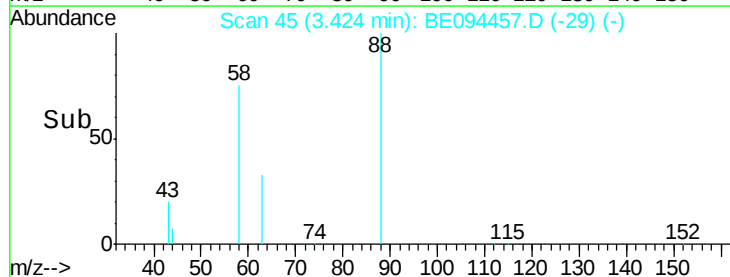
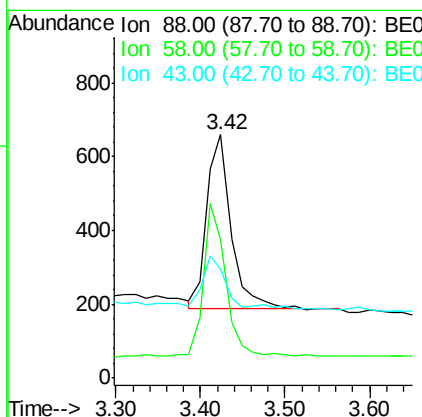
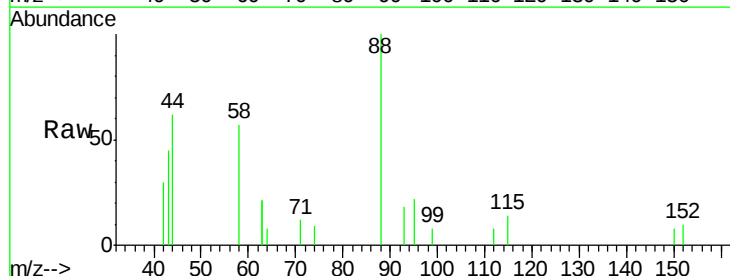
Sohil
10/23/2017 3:11:26 PM

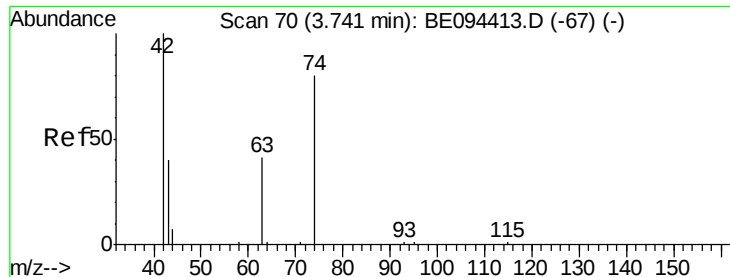


#2

1,4-Dioxane
Concen: 0.422 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	63.2	94.8
43	25.5	41.2	61.8





#3

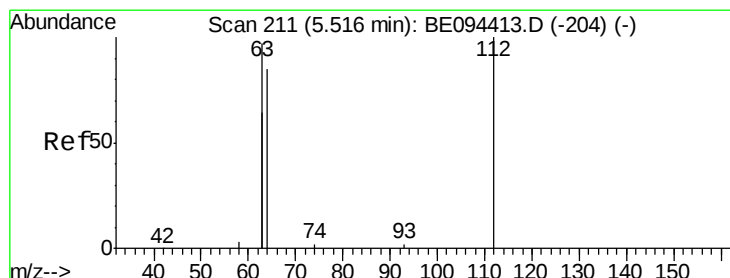
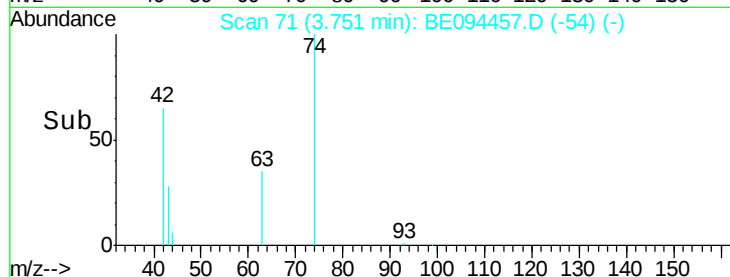
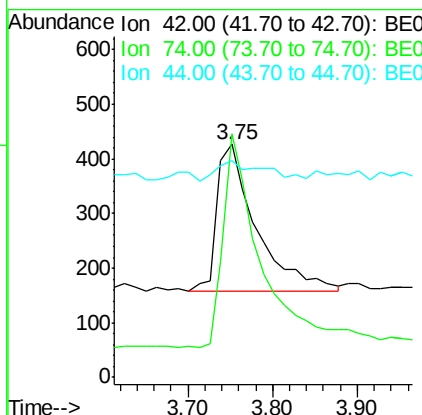
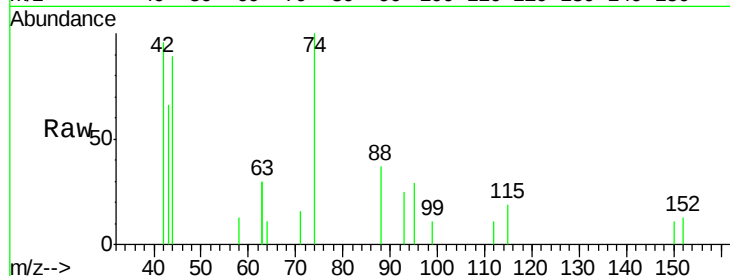
n-Nitrosodimethylamine
 Concen: 0.385 ng
 RT: 3.75 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.4	100.3	150.5
44	16.6	17.0	25.4#

Manual Integrations
 APPROVED

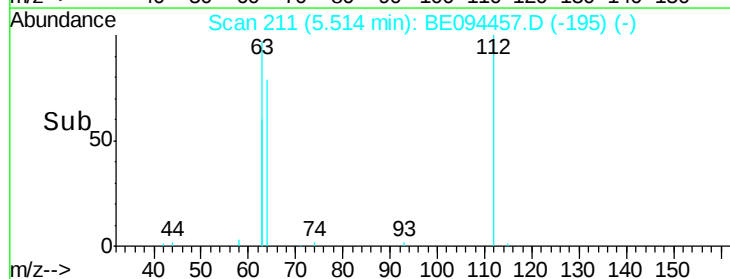
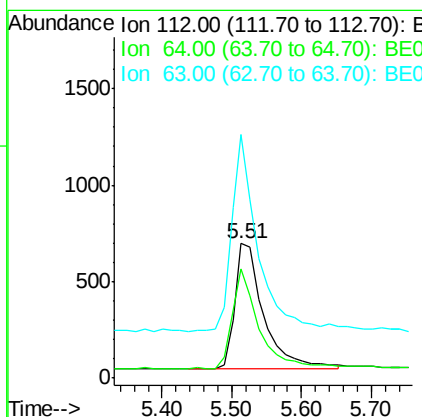
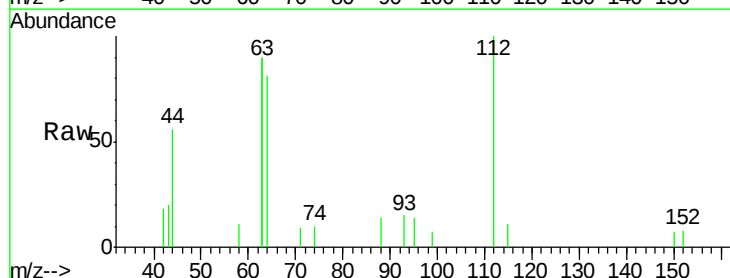
Sohil
 10/23/2017 3:11:26 PM

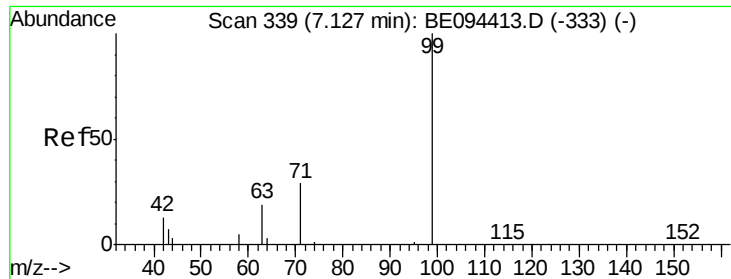


#4

2-Fluorophenol
 Concen: 0.427 ng
 RT: 5.51 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	60.1	90.1
63	140.8	116.8	175.2





#5

Phenol-d6

Concen: 0.420 ng

RT: 7.13 min Scan# 339

Delta R.T. -0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

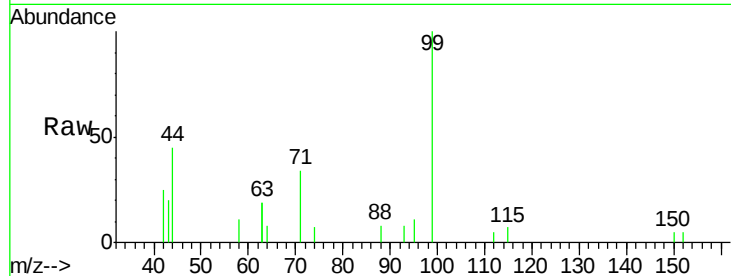
ClientSampleId :

SSTDCCC0.4

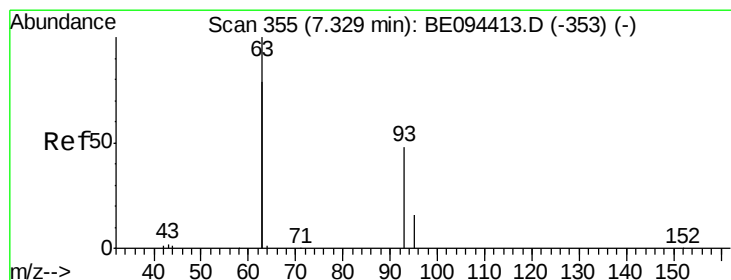
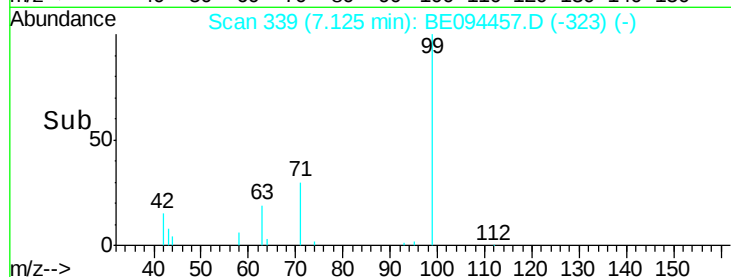
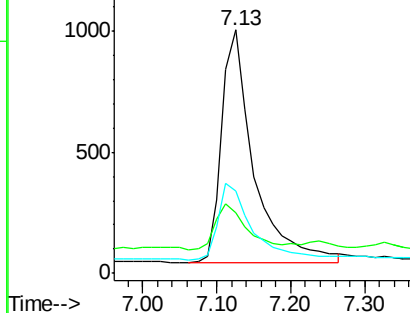
Tgt Ion:	99	Resp:	2899
Ion Ratio	Lower	Upper	
99	100		
42	18.7	20.2	30.2#
71	34.7	28.4	42.6

Manual Integrations
APPROVED

Sohil
10/23/2017 3:11:26 PM



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.427 ng

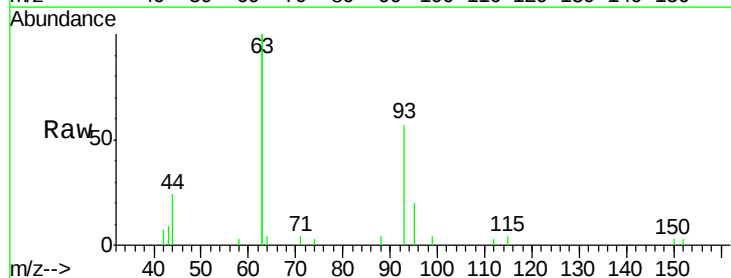
RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

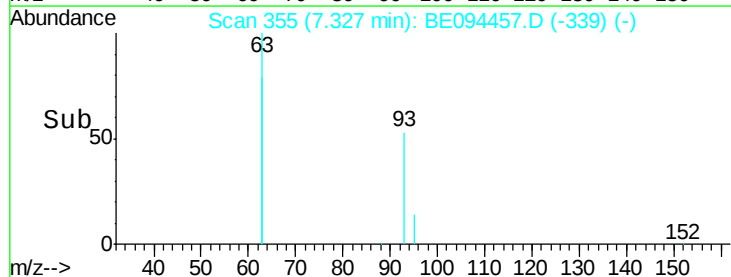
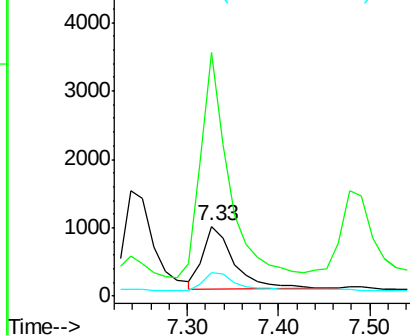
Lab File: BE094457.D

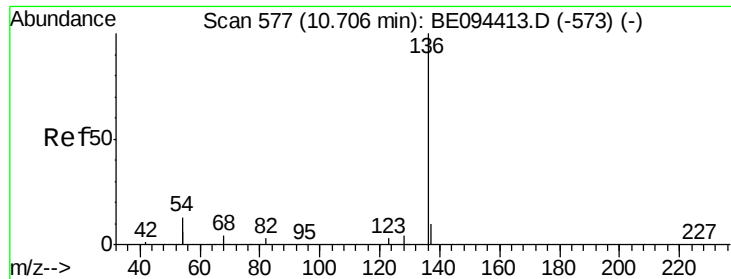
Acq: 19 Oct 2017 21:30

Tgt Ion:	93	Resp:	2182
Ion Ratio	Lower	Upper	
93	100		
63	321.8	275.3	412.9
95	29.8	25.2	37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

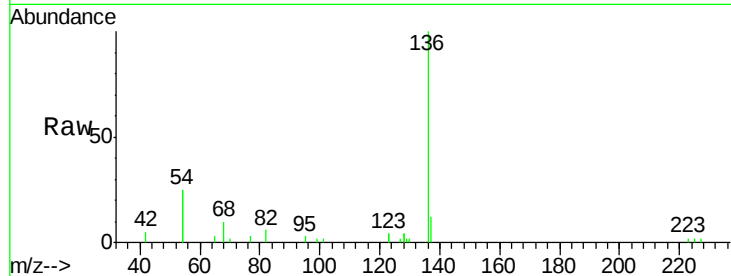
ClientSampleId :

SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	50.5	29.1	43.7
68	10.1	6.2	9.2

Manual Integrations
APPROVED

Sohil
10/23/2017 3:11:26 PM

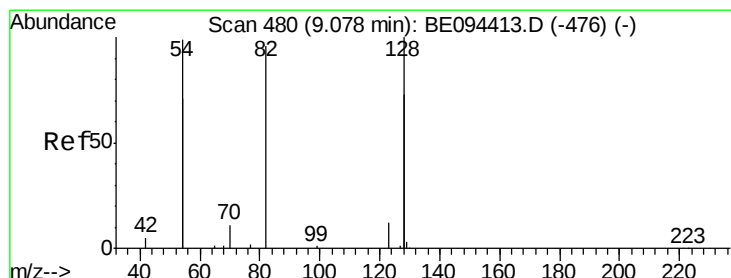
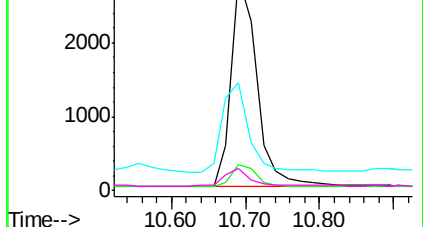
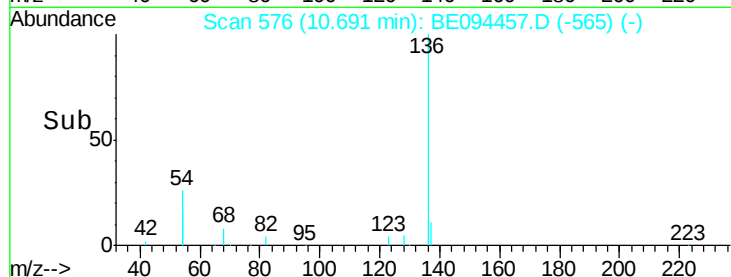


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.413 ng

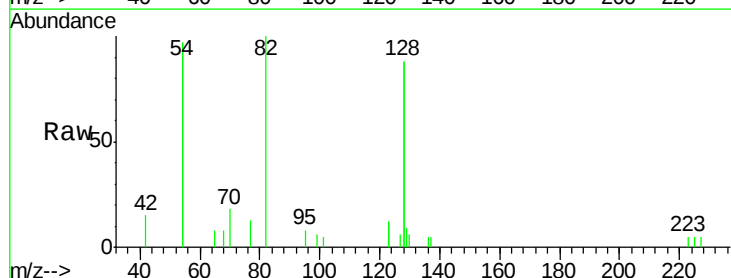
RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

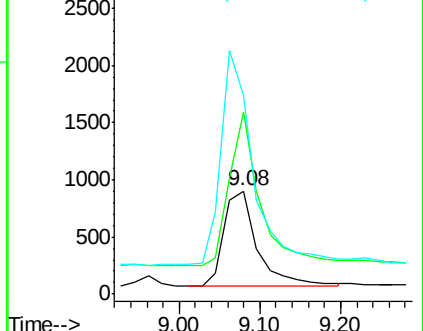
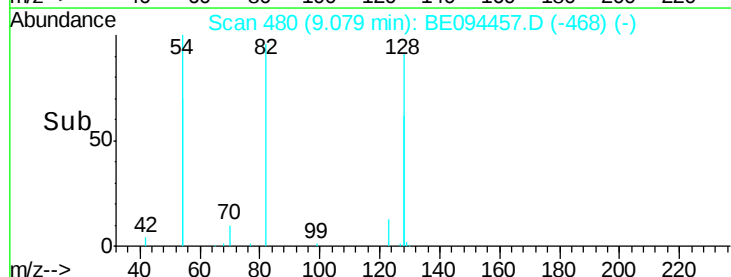
Tgt Ion	Ratio	Lower	Upper
82	100		
128	176.7	150.0	225.0
54	193.6	154.2	231.4

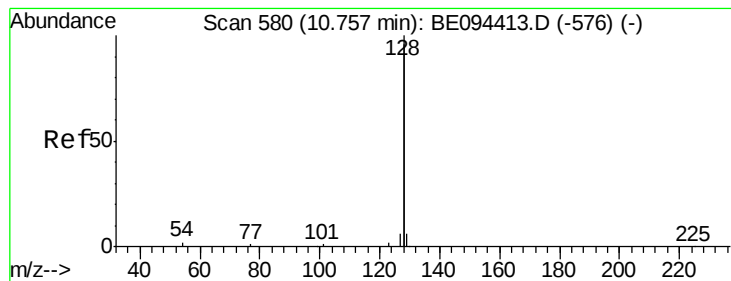


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.438 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

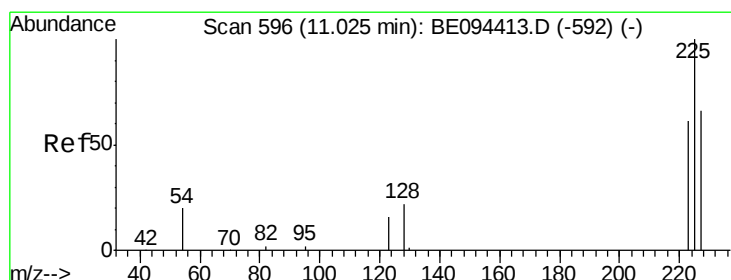
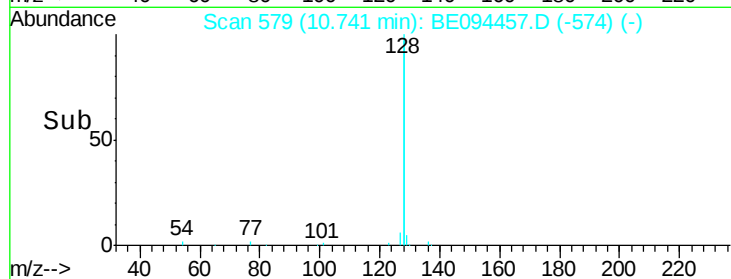
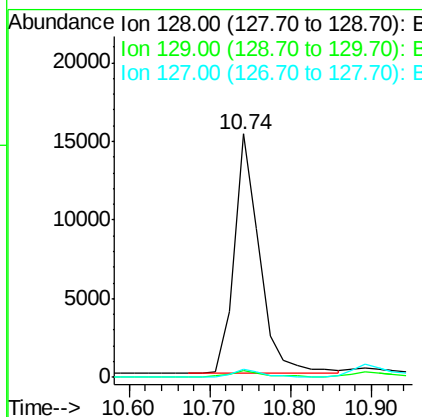
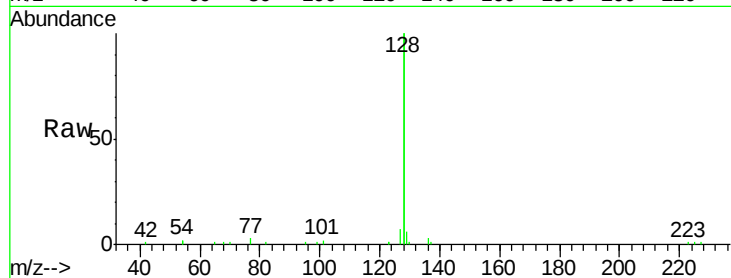
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	128	Resp:	33209
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.6	3.8
127	3.5	2.8	4.2

Manual Integrations
APPROVED

Sohil
10/23/2017 3:11:26 PM



#10

Hexachlorobutadiene

Concen: 0.417 ng

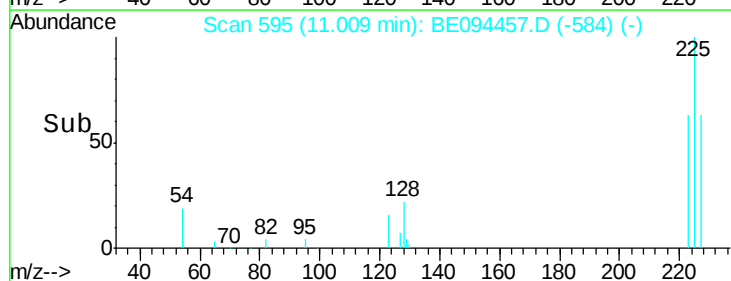
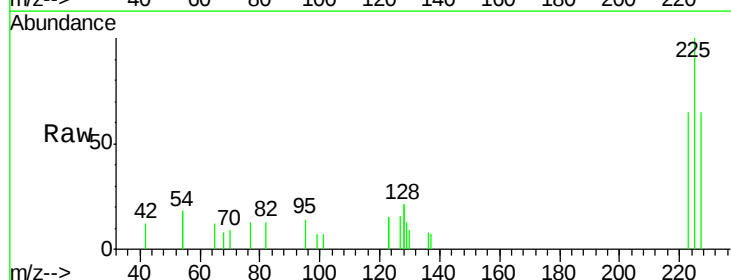
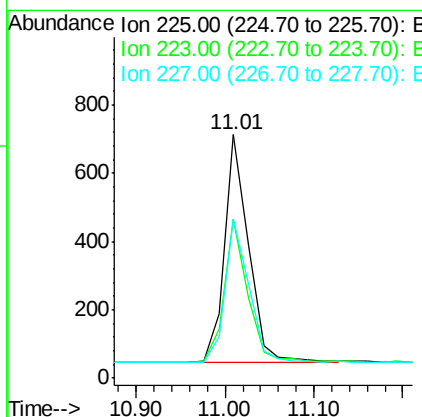
RT: 11.01 min Scan# 595

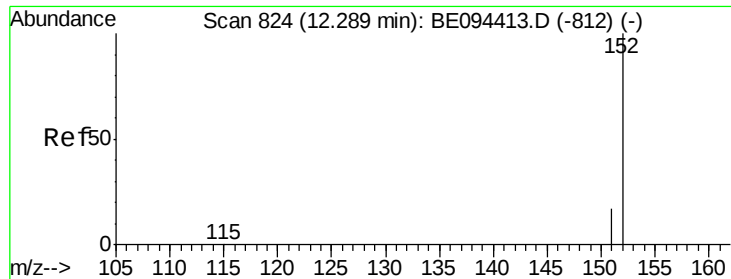
Delta R.T. -0.02 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Tgt Ion:	225	Resp:	1265
Ion Ratio	Lower	Upper	
225	100		
223	61.9	53.0	79.6
227	63.5	51.4	77.2





#11

2-Methylnaphthalene-d10

Concen: 0.446 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:152 Resp: 4659

Ion Ratio Lower Upper

152 100

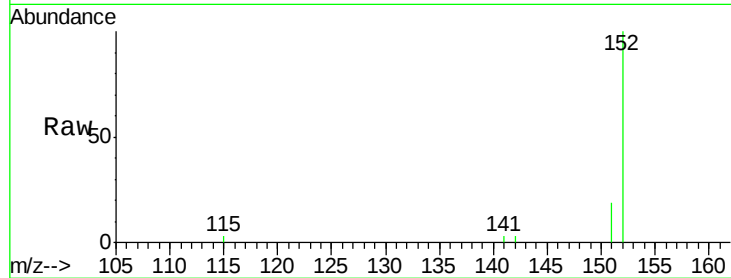
151 18.4 15.4 23.0

Manual Integrations

APPROVED

Sohil

10/23/2017 3:11:26 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

2500

2000

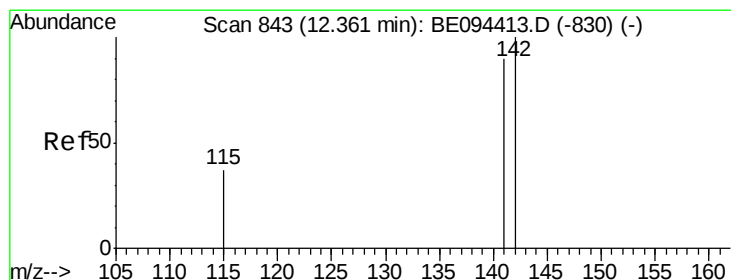
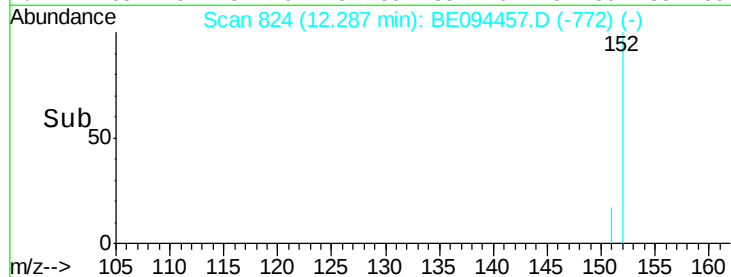
1500

1000

500

0

Time--> 12.20 12.30 12.40 12.50



#12

2-Methylnaphthalene

Concen: 0.450 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

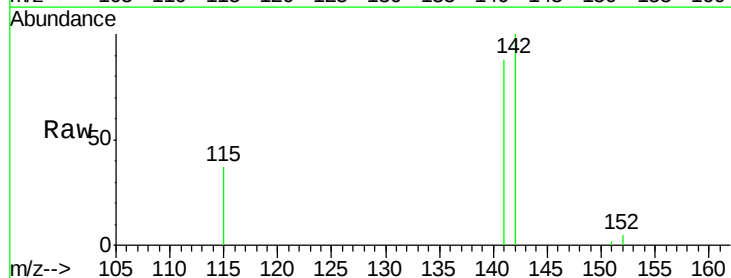
Tgt Ion:142 Resp: 5623

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6

115 37.4 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.36

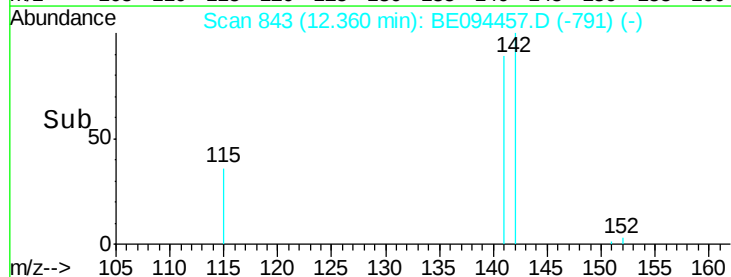
3000

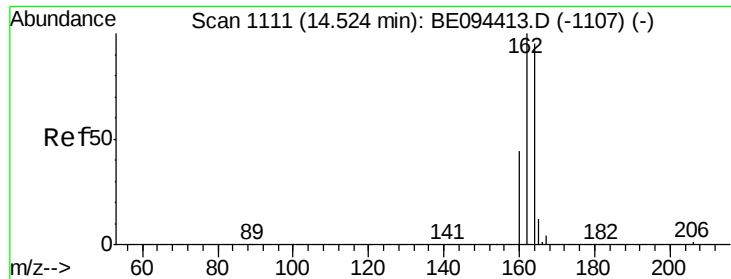
2000

1000

0

Time--> 12.30 12.40 12.50





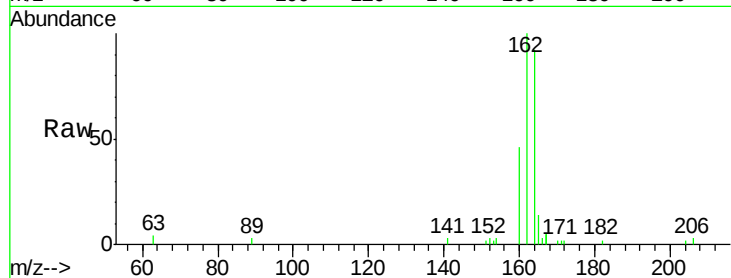
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

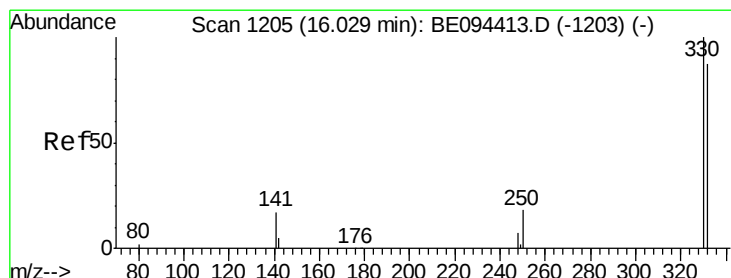
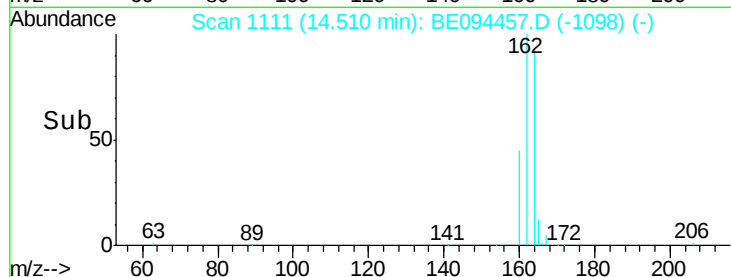
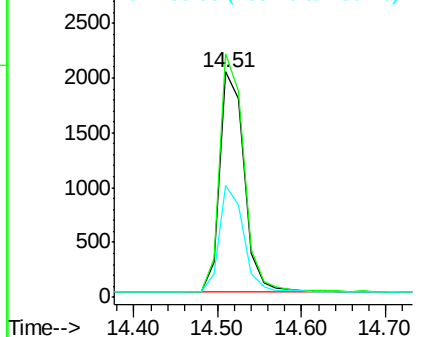
Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.1	124.7
160	49.7	37.1	55.7

Manual Integrations
APPROVED

Sohil
10/23/2017 3:11:26 PM



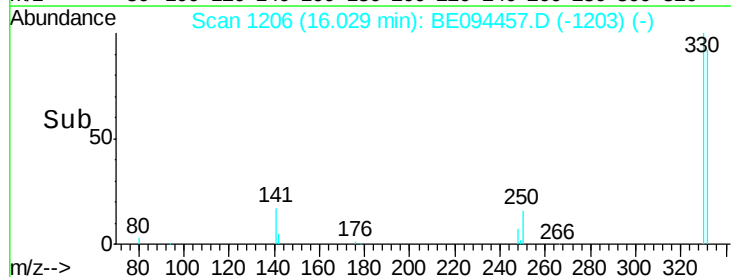
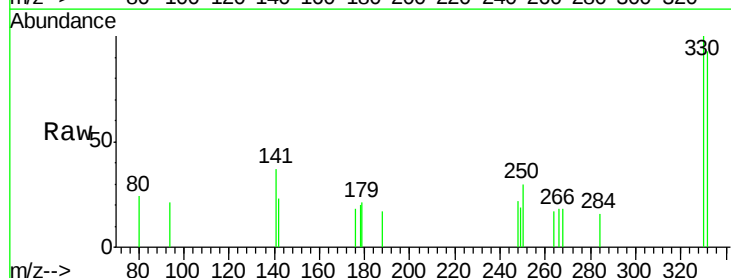
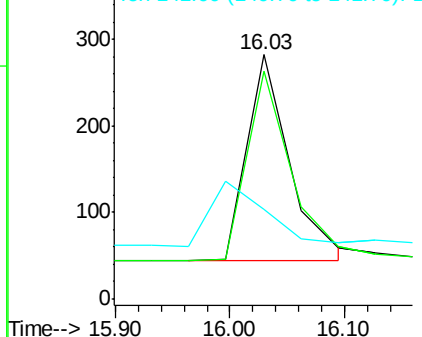
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

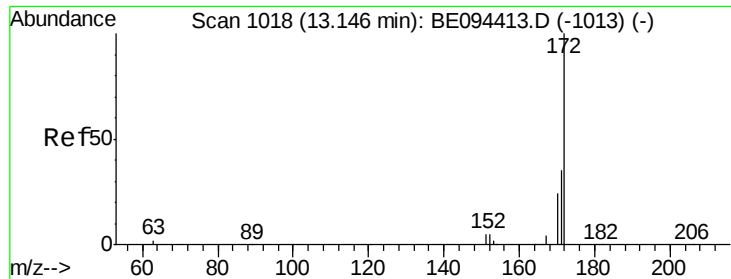


#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	152.7	229.1#
141	0.0	33.7	50.5#

Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





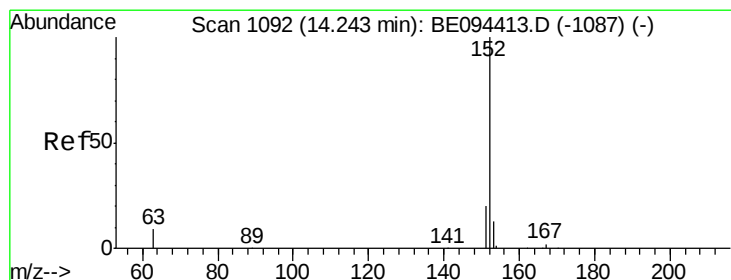
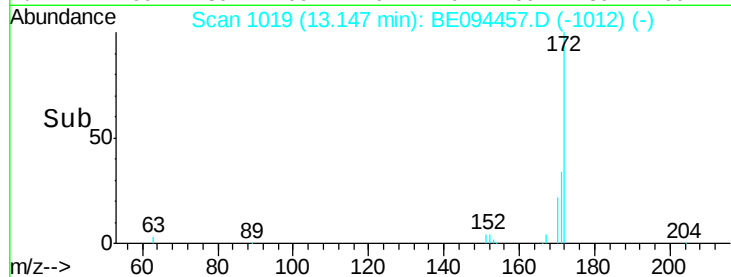
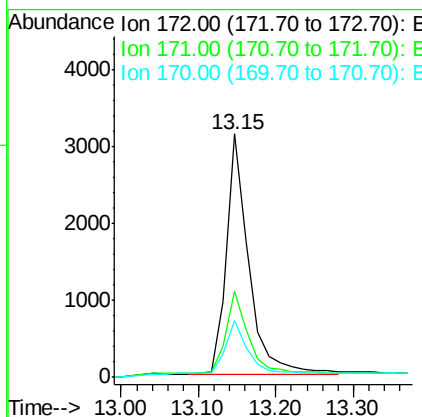
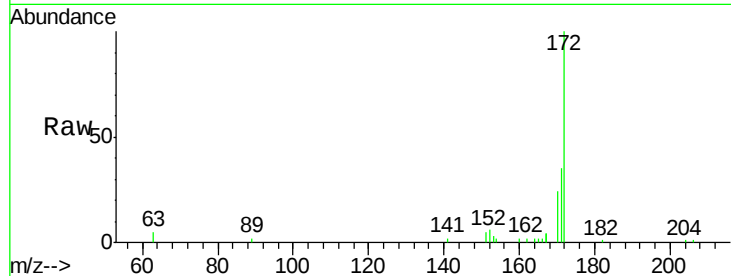
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	23.5	21.8	32.8

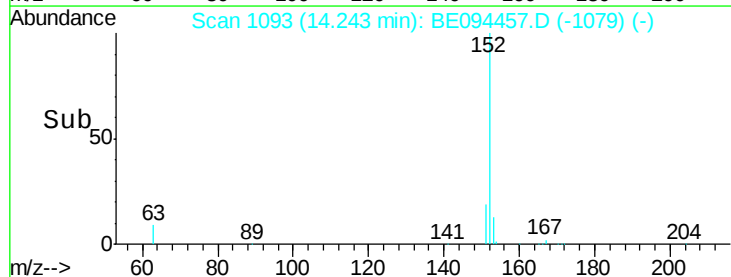
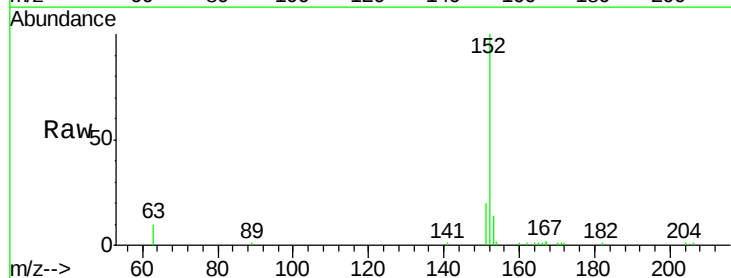
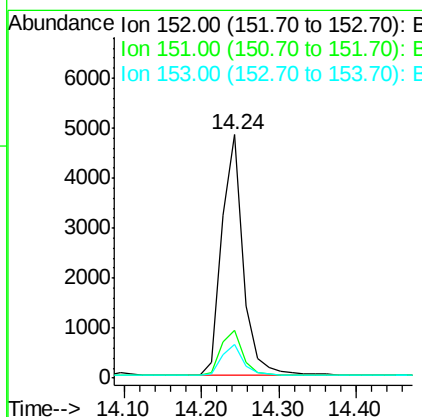
Manual Integrations
APPROVED

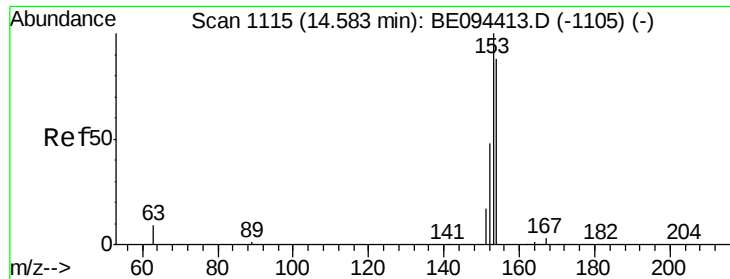
Sohil
10/23/2017 3:11:26 PM



#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.5	15.7





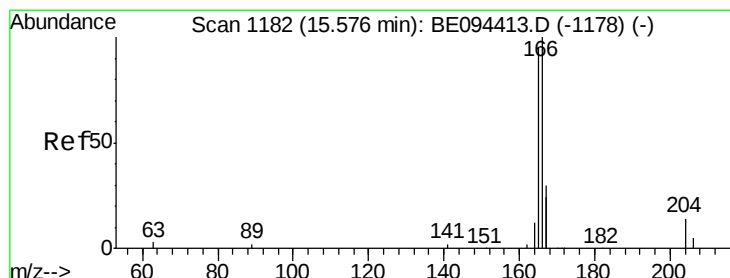
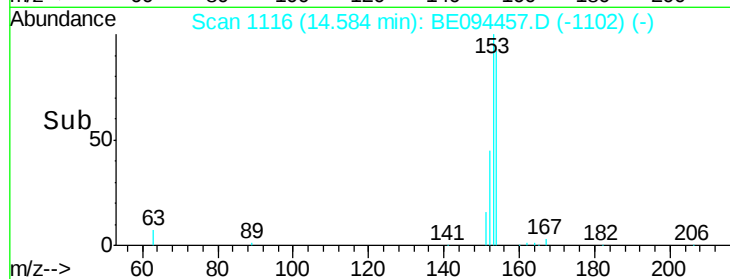
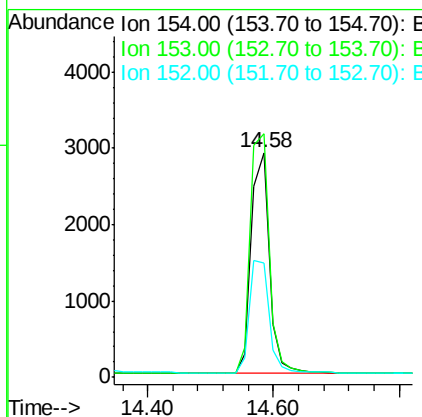
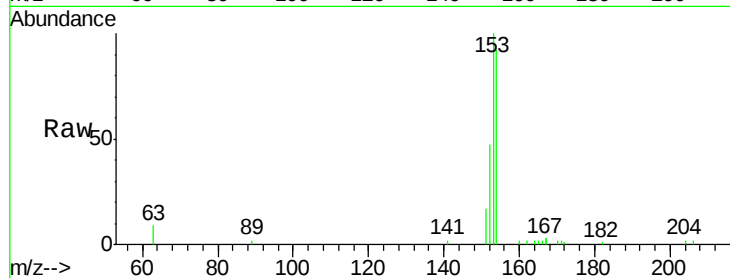
#17
Acenaphthene
Concen: 0.420 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.2	133.8
152	54.2	42.0	63.0

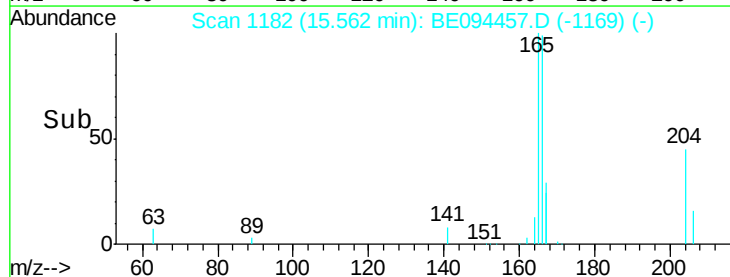
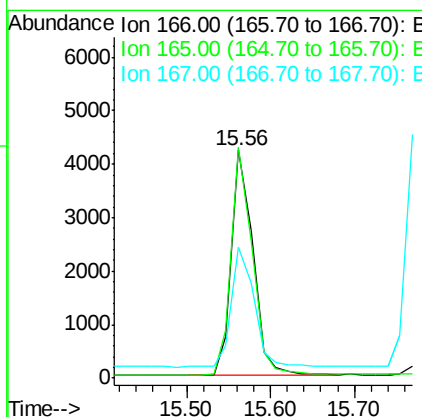
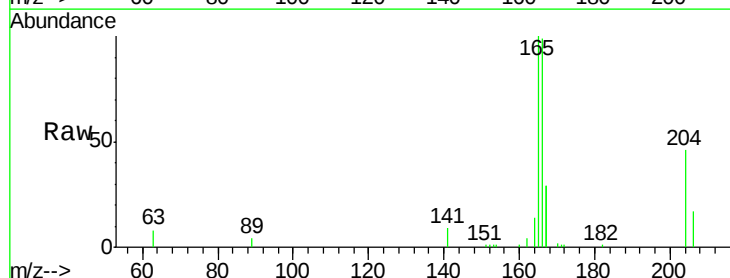
Manual Integrations
APPROVED

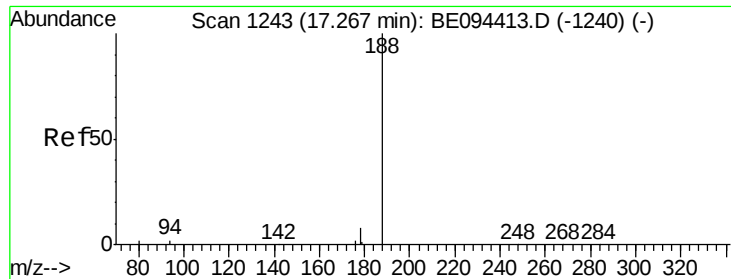
Sohil
10/23/2017 3:11:26 PM



#18
Fluorene
Concen: 0.416 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.6
167	56.1	42.4	63.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

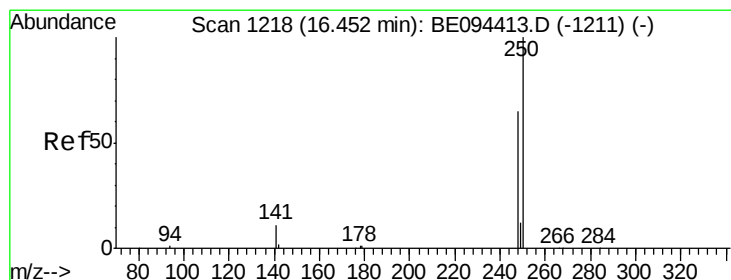
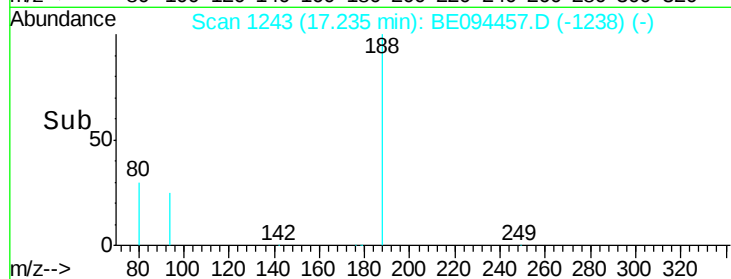
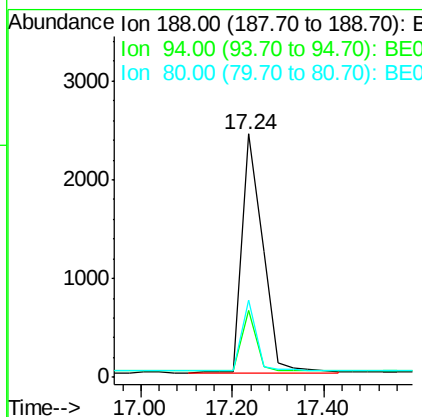
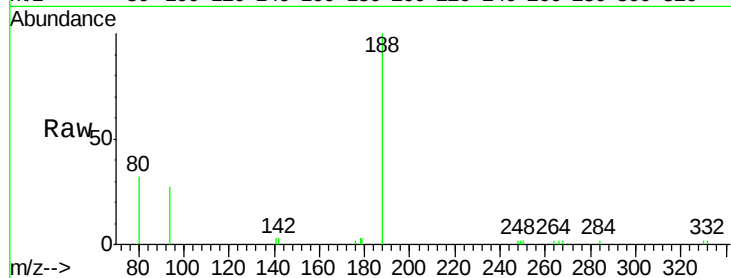
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	188	Resp:	7504
Ion Ratio	Lower	Upper	
188	100		
94	27.4	3.9	5.9#
80	31.8	3.6	5.4#

Manual Integrations
APPROVED

Sohil
10/23/2017 3:11:26 PM



#20

4-Bromophenyl-phenylether

Concen: 0.460 ng

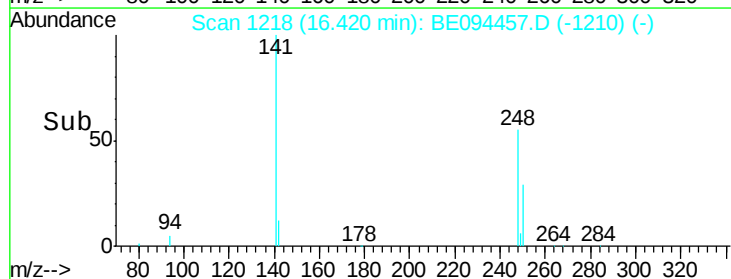
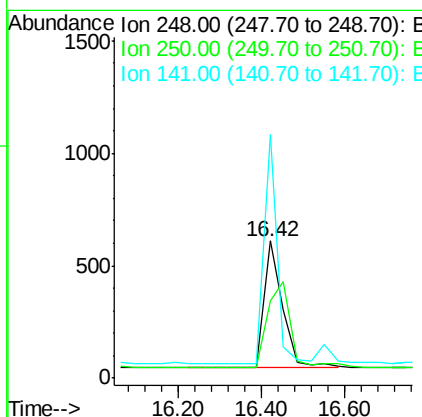
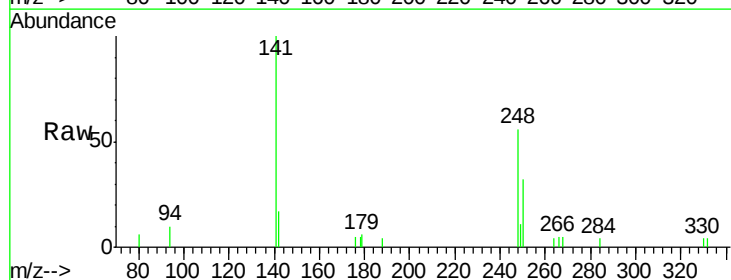
RT: 16.42 min Scan# 1218

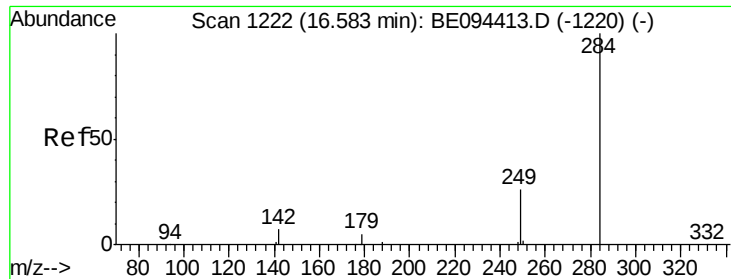
Delta R.T. -0.03 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Tgt Ion:	248	Resp:	1727
Ion Ratio	Lower	Upper	
248	100		
250	56.2	62.7	94.1#
141	177.8	48.2	72.2#





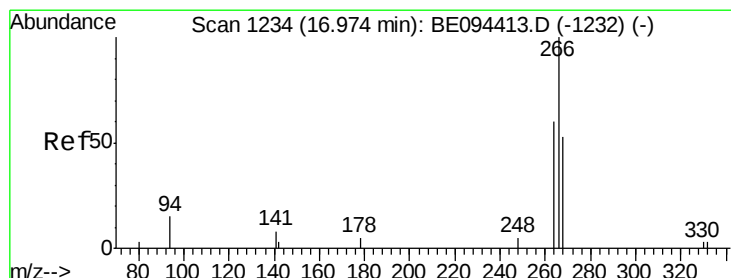
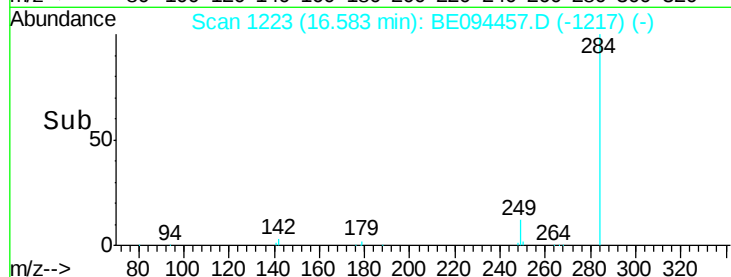
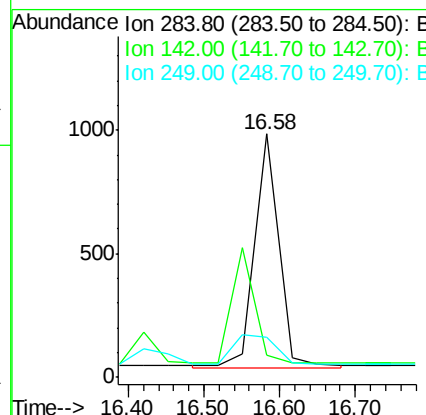
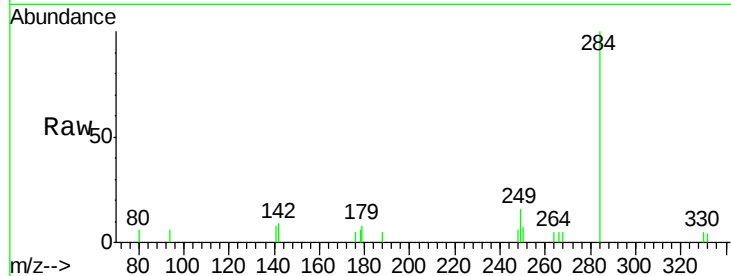
#21
Hexachlorobenzene
Concen: 0.296 ng m
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	0.0	34.8	52.2#

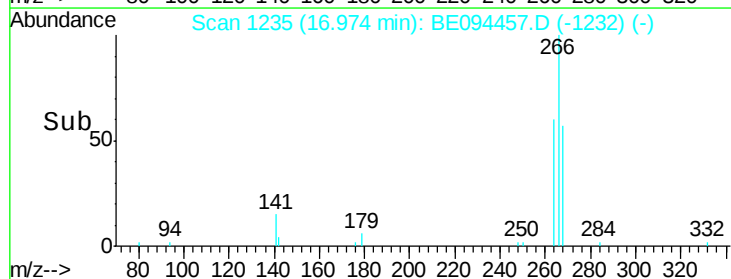
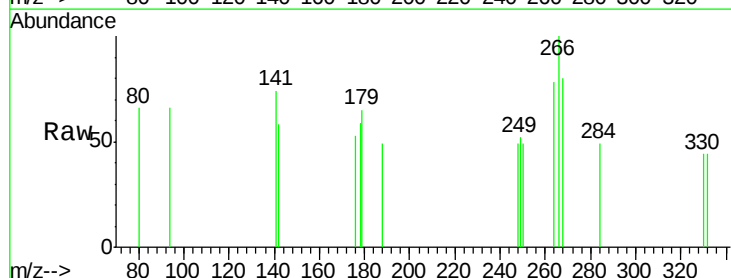
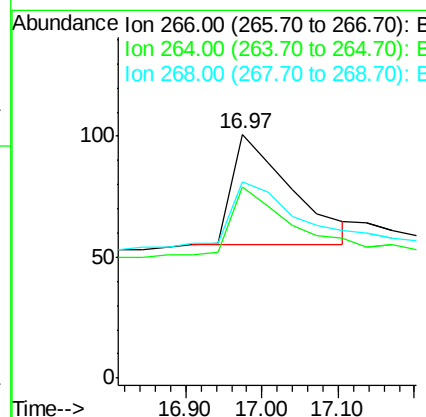
Manual Integrations
APPROVED

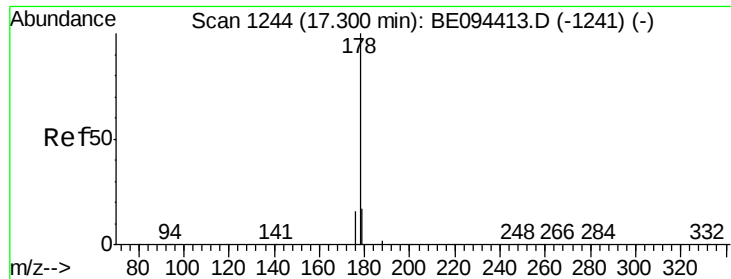
Sohil
10/23/2017 3:11:26 PM



#22
Pentachlorophenol
Concen: 0.470 ng
RT: 16.97 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	78.2	72.5	108.7
268	80.2	73.8	110.6





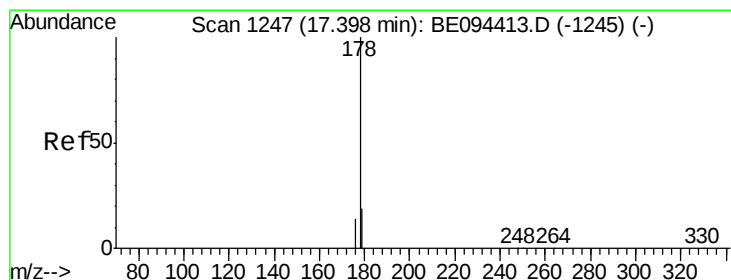
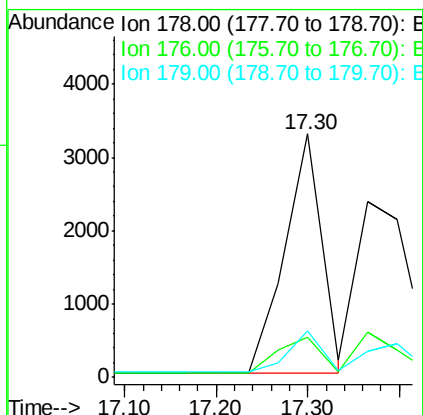
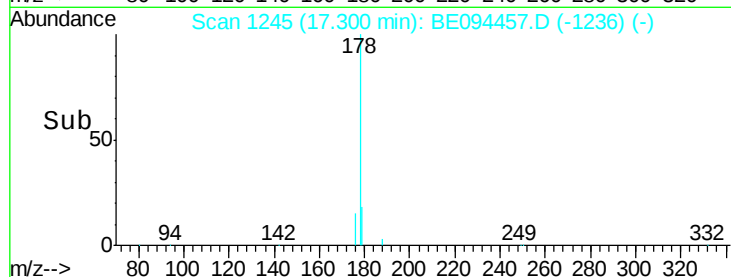
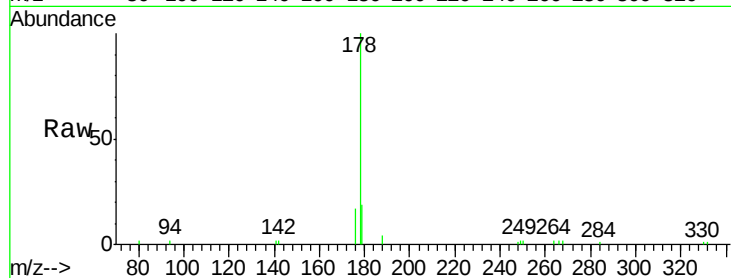
#23
Phenanthrene
Concen: 0.308 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	16.0	11.8	17.6

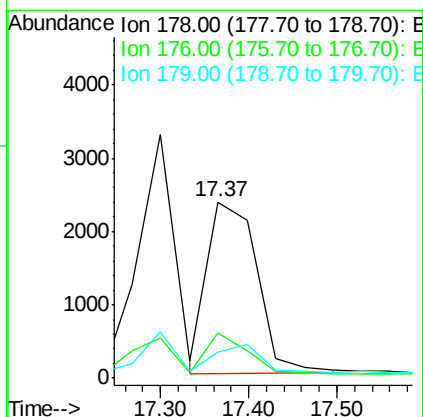
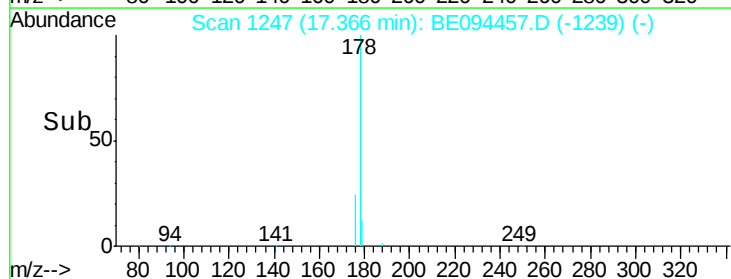
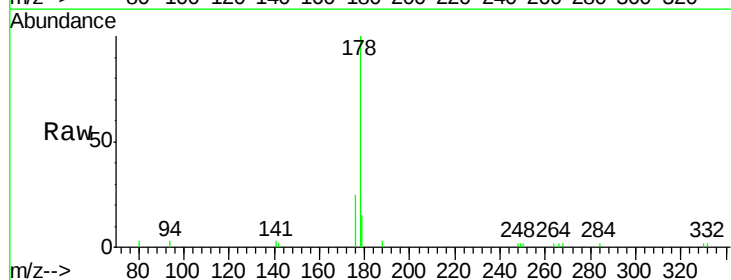
Manual Integrations
APPROVED

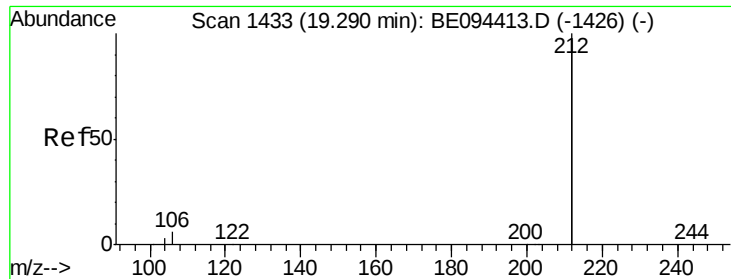
Sohil
10/23/2017 3:11:26 PM



#24
Anthracene
Concen: 0.407 ng m
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	12.8	19.2
179	15.7	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

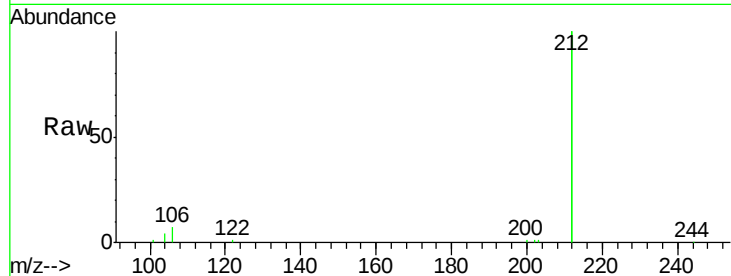
ClientSampleId :

SSTDCCC0.4

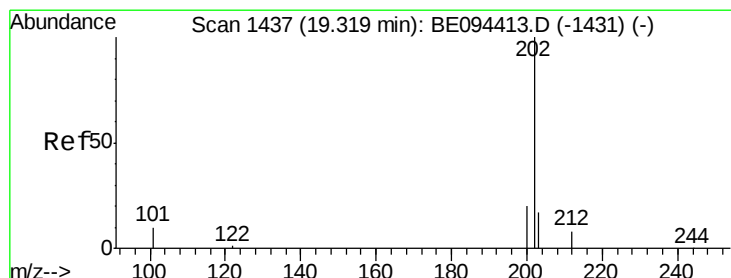
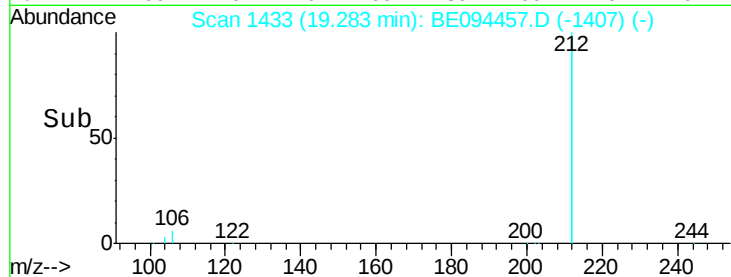
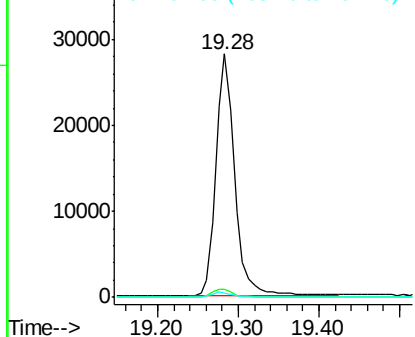
Tgt Ion:	212	Resp:	45084
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

Manual Integrations
APPROVED

Sohil
10/23/2017 3:11:26 PM



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.372 ng

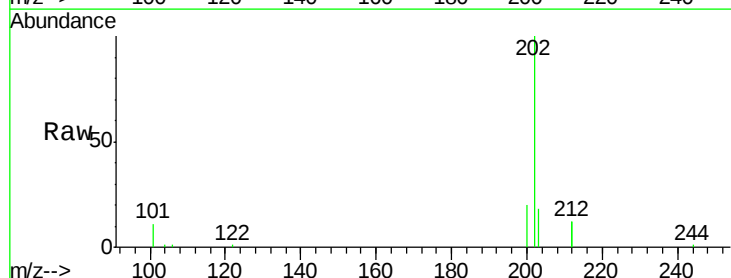
RT: 19.31 min Scan# 1437

Delta R.T. -0.01 min

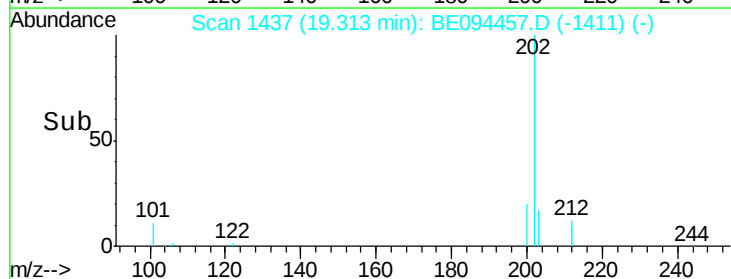
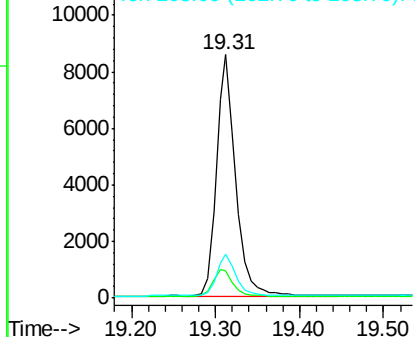
Lab File: BE094457.D

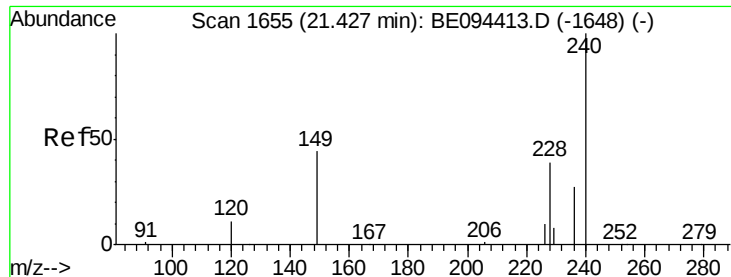
Acq: 19 Oct 2017 21:30

Tgt Ion:	202	Resp:	13640
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.8	14.8
203	17.4	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

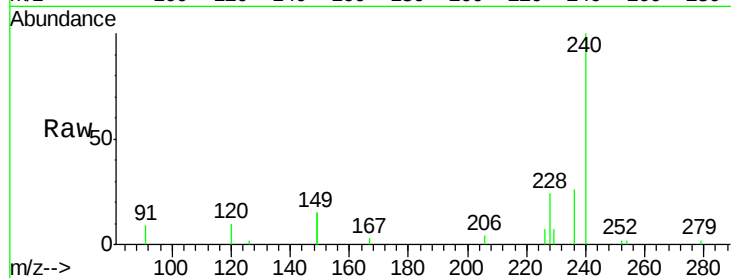
ClientSampleId :

SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.5	8.3#
236	26.4	20.7	31.1

Manual Integrations
APPROVED

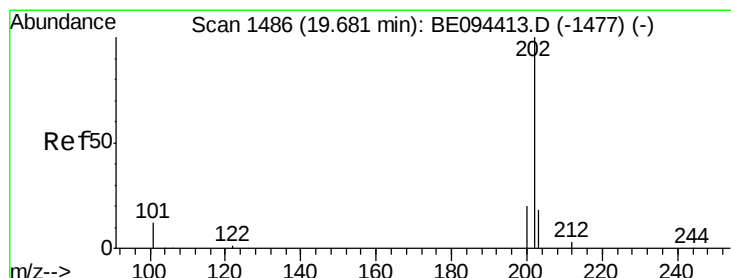
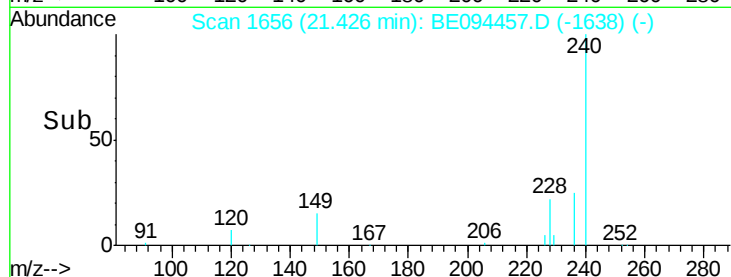
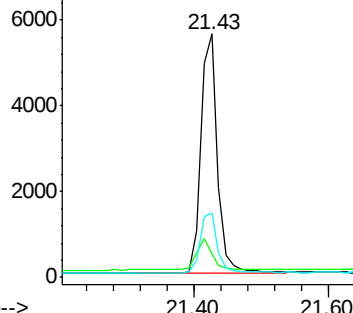
Sohil
10/23/2017 3:11:26 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.392 ng

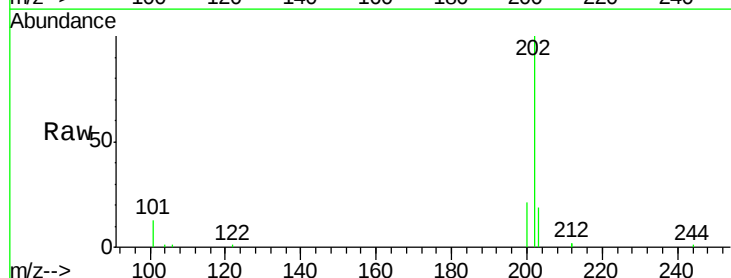
RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

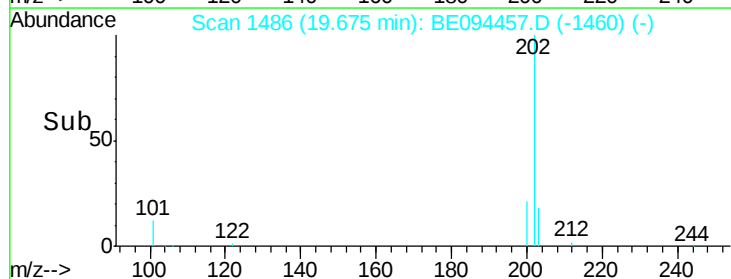
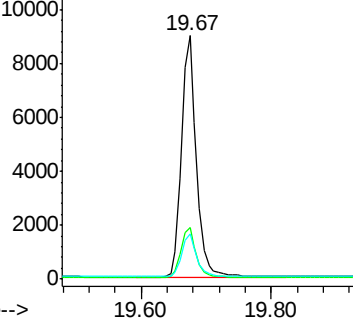
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.9	13.8	20.8

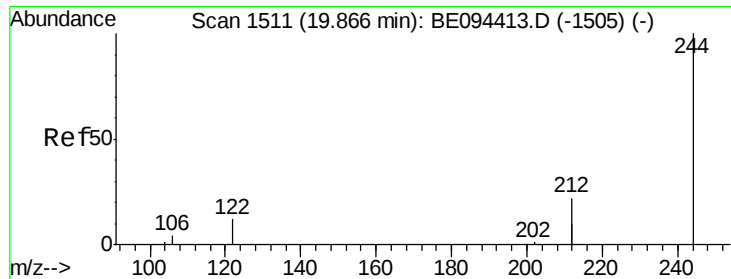


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





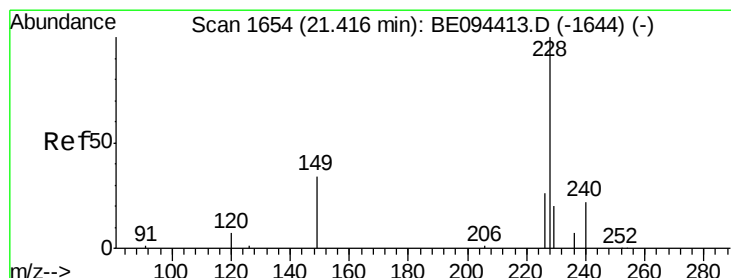
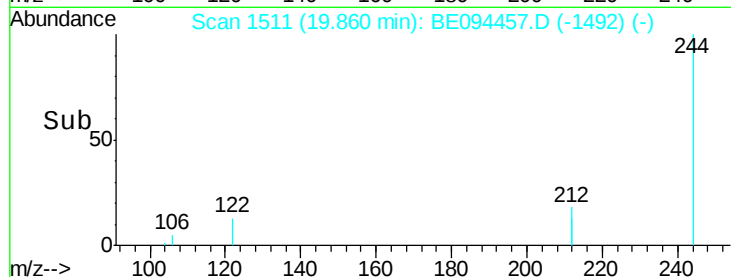
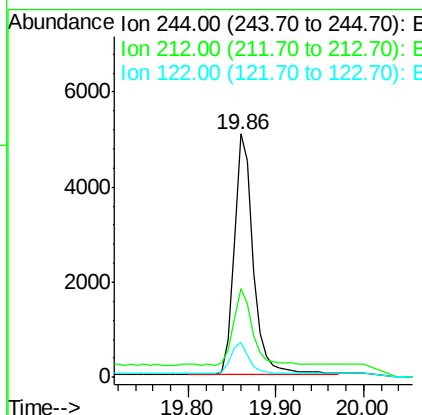
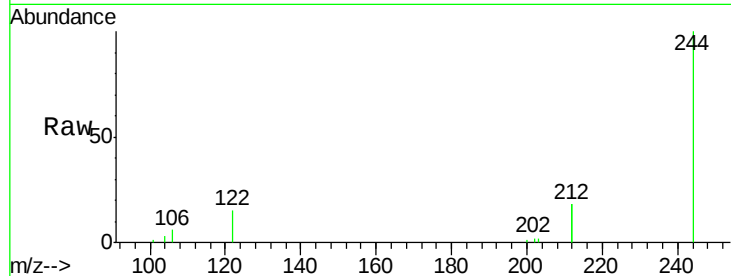
#29
 Terphenyl-d14
 Concen: 0.397 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
244	100		
212	36.5	25.4	38.0
122	14.5	8.1	12.1

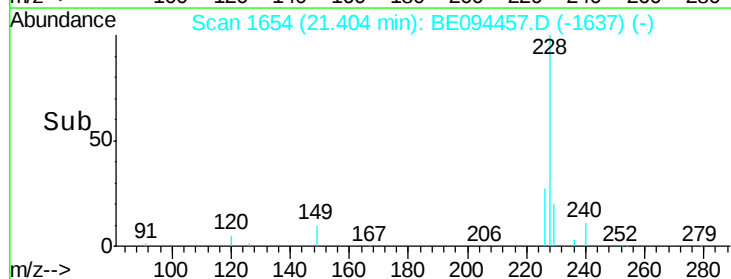
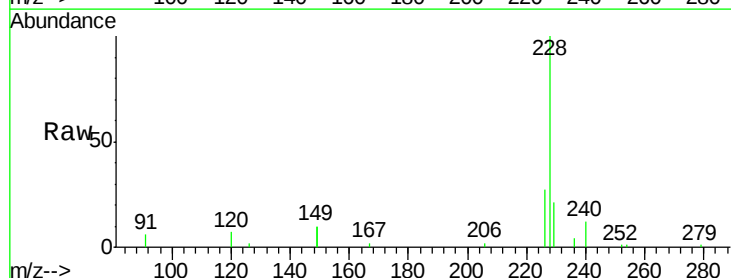
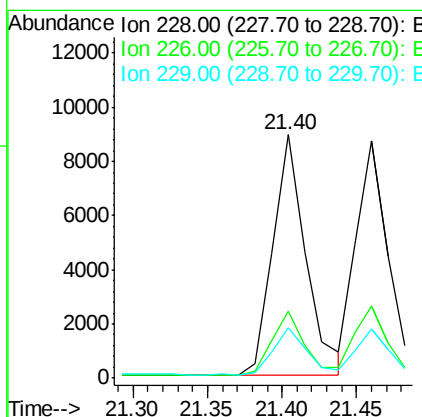
Manual Integrations
 APPROVED

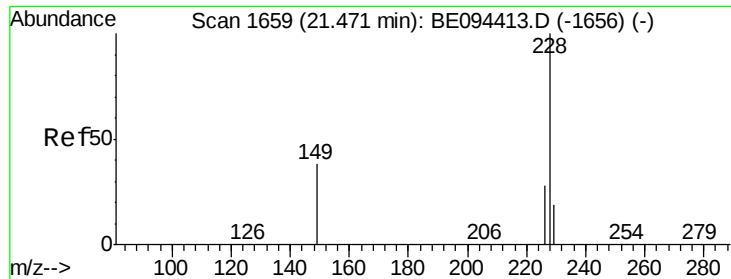
Sohil
 10/23/2017 3:11:26 PM



#30
 Benzo(a)anthracene
 Concen: 0.408 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	40.0	60.0
229	20.8	40.0	60.0





#31

Chrysene

Concen: 0.410 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

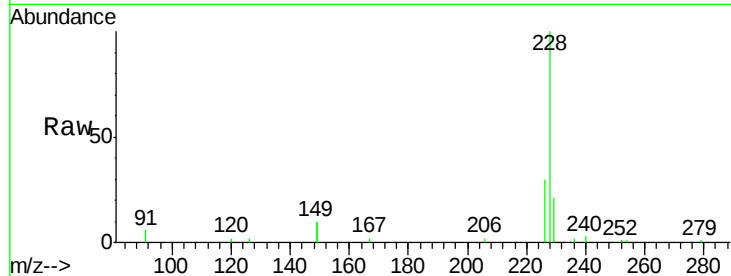
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	228	Resp:	13183
Ion Ratio		Lower	Upper
228	100		
226	30.5	40.0	60.0#
229	20.8	40.0	60.0#

Manual Integrations
APPROVED

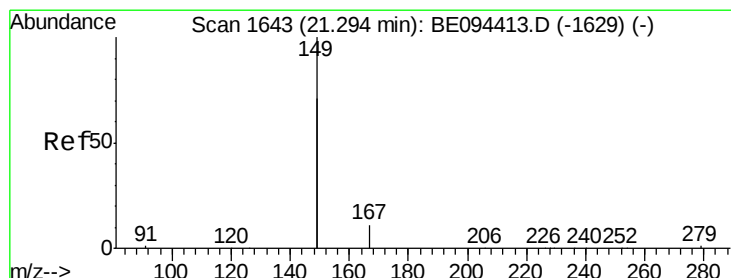
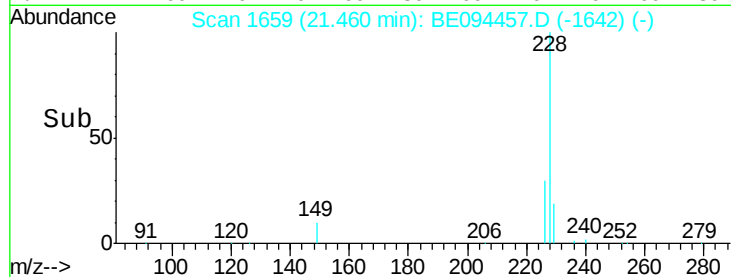
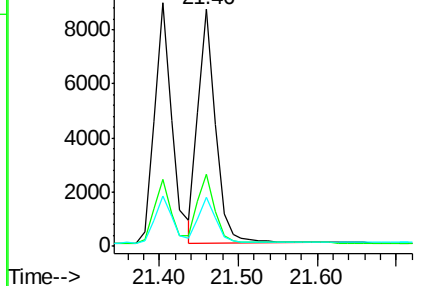
Sohil
10/23/2017 3:11:26 PM



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.355 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094457.D

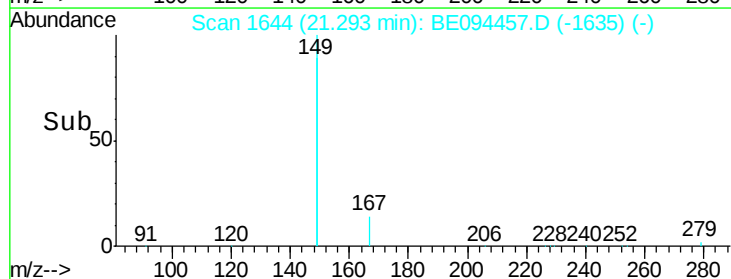
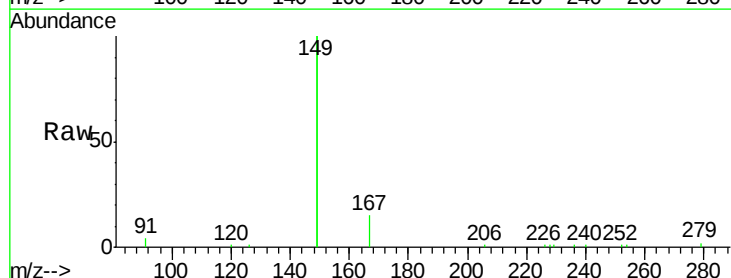
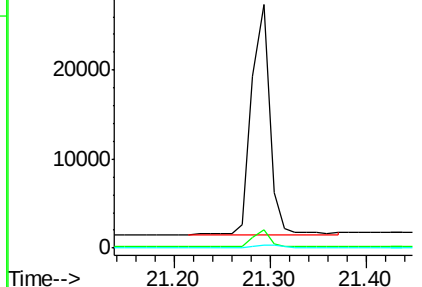
Acq: 19 Oct 2017 21:30

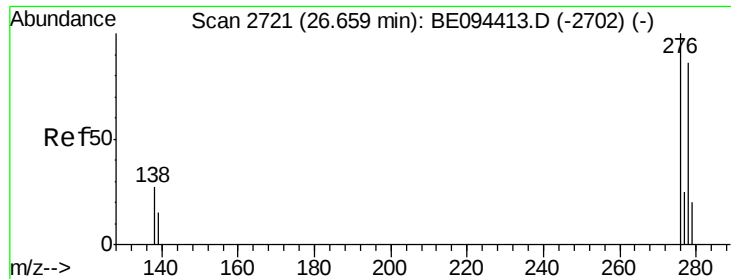
Tgt Ion:	149	Resp:	34141
Ion Ratio		Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





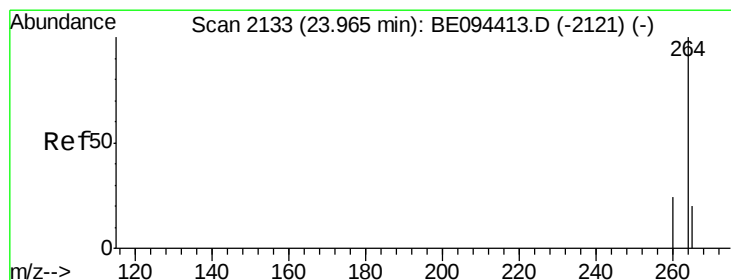
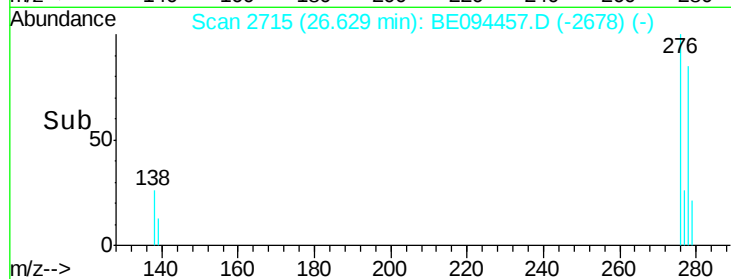
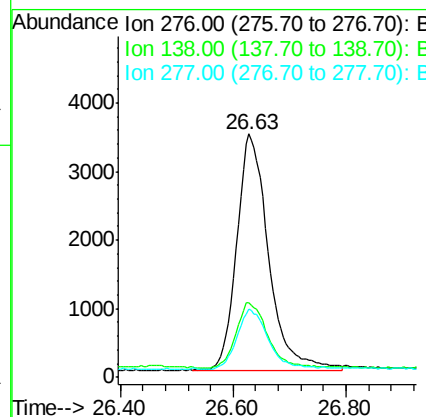
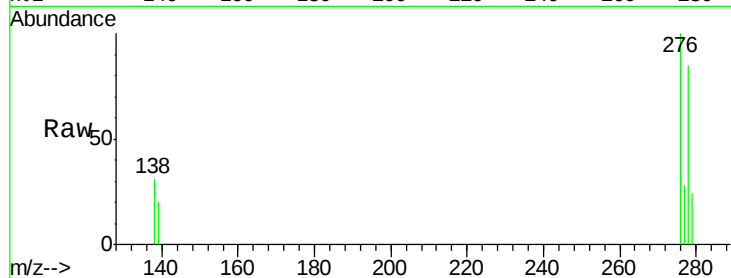
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.406 ng
 RT: 26.63 min Scan# 2715
 Delta R.T. -0.03 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.5	33.7
277	25.1	19.9	29.9

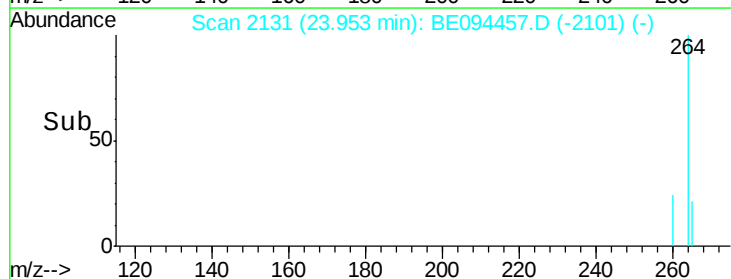
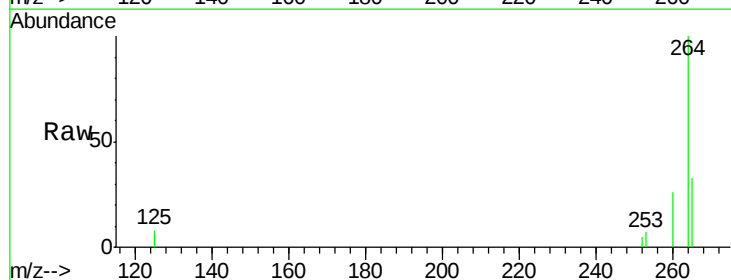
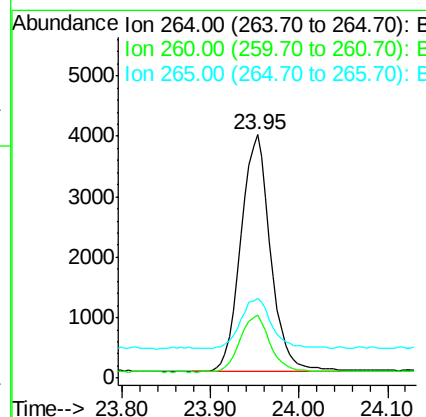
Manual Integrations
 APPROVED

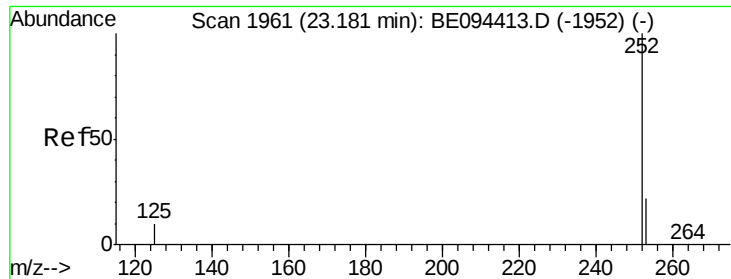
Sohil
 10/23/2017 3:11:26 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	32.5	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 23.17 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

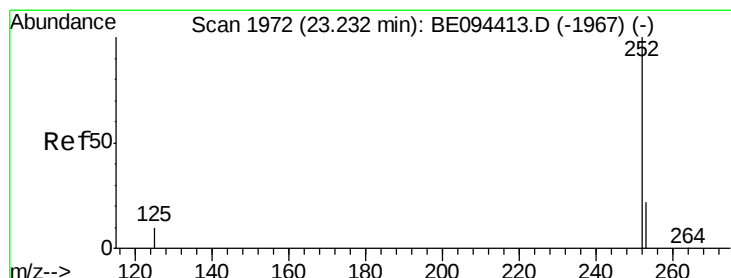
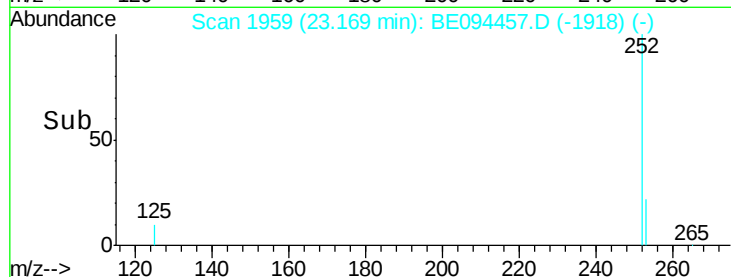
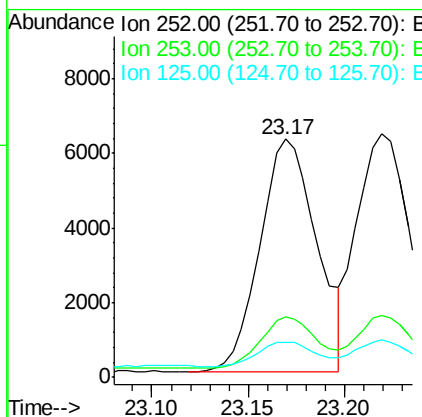
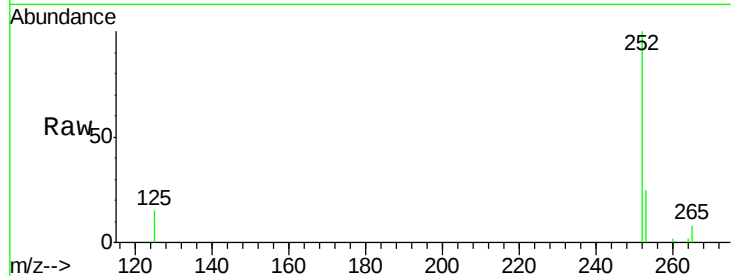
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	252	Resp:	12725
Ion Ratio	Lower	Upper	
252	100		
253	25.4	48.0	72.0#
125	14.7	56.0	84.0#

Manual Integrations
APPROVED

Sohil
10/23/2017 3:11:26 PM



#36

Benzo(k)fluoranthene

Concen: 0.419 ng

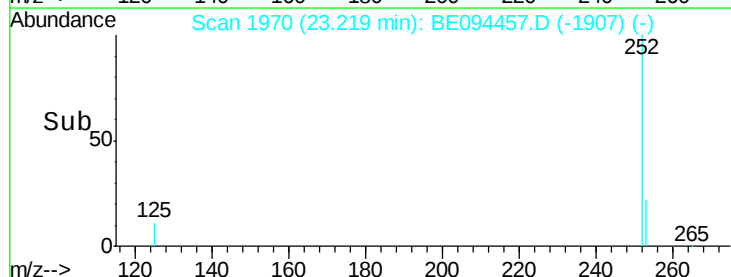
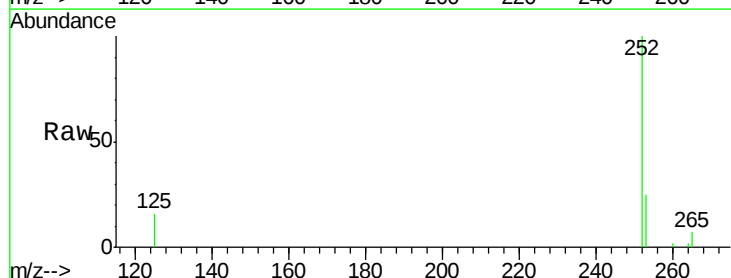
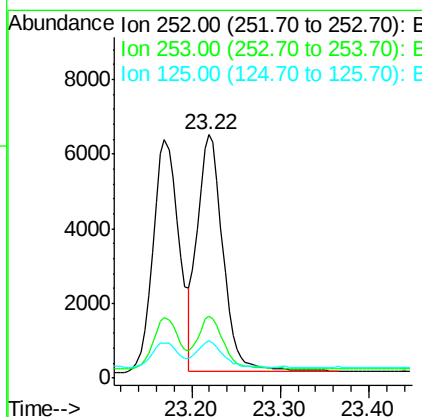
RT: 23.22 min Scan# 1970

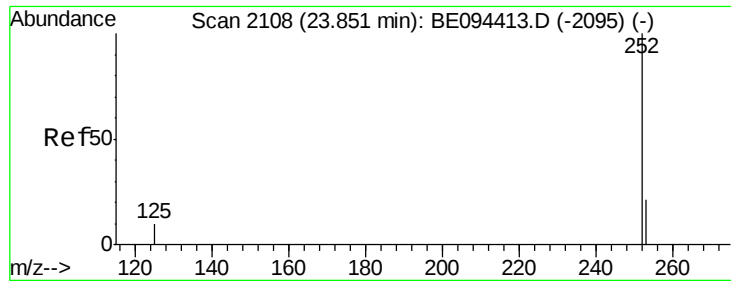
Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Tgt Ion:	252	Resp:	12795
Ion Ratio	Lower	Upper	
252	100		
253	25.3	48.0	72.0#
125	15.5	56.0	84.0#





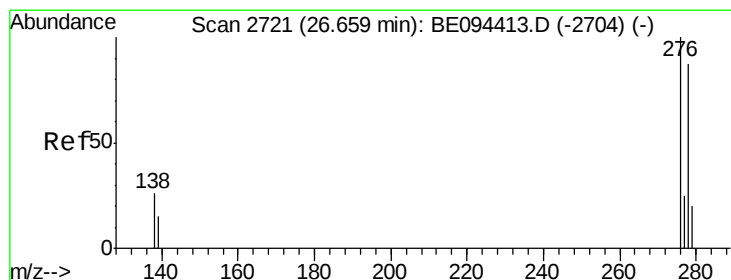
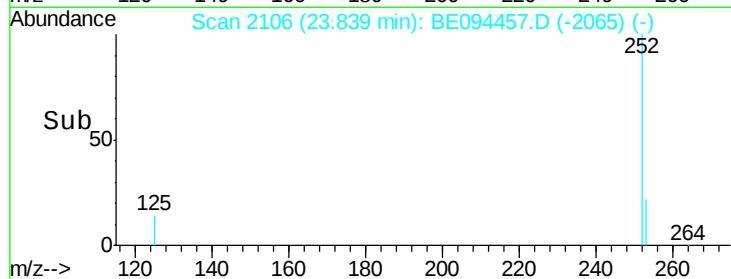
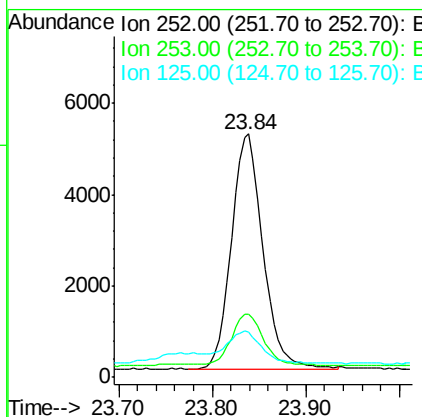
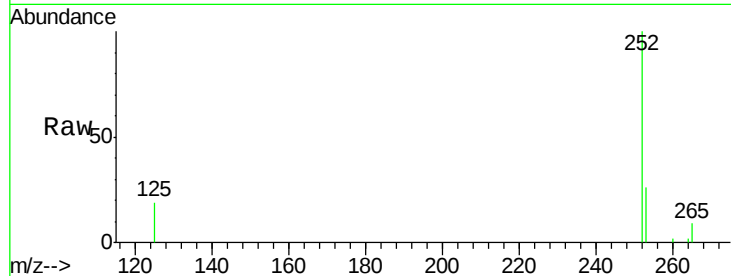
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.84 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	52.0	78.0#
125	18.7	68.0	102.0#

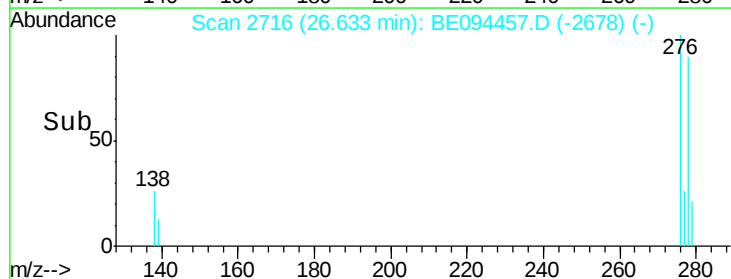
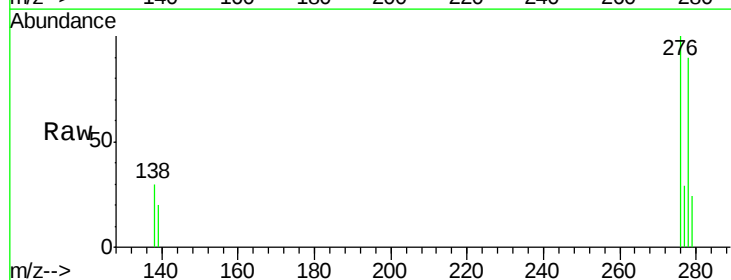
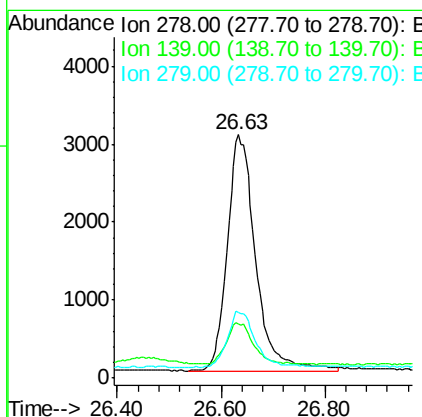
Manual Integrations
APPROVED

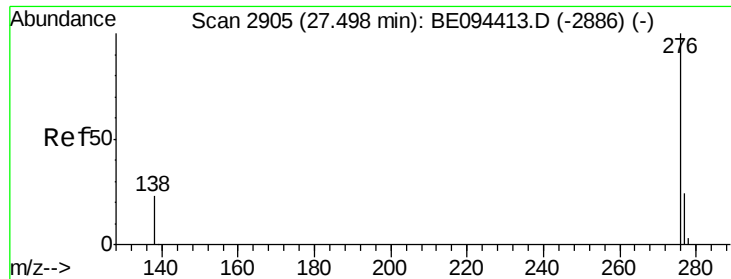
Sohil
10/23/2017 3:11:26 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 26.63 min Scan# 2716
Delta R.T. -0.03 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	56.0	84.0#
279	26.8	52.0	78.0#





#39

Benzo(g,h,i)perylene

Concen: 0.416 ng

RT: 27.47 min Scan# 2899

Delta R.T. -0.03 min

Lab File: BE094457.D

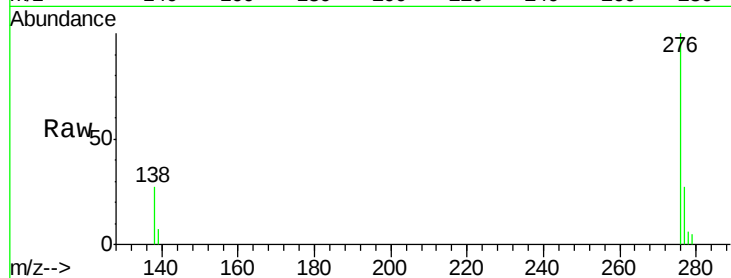
Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 11028

Ion Ratio Lower Upper

276 100

277 26.9 52.0 78.0#

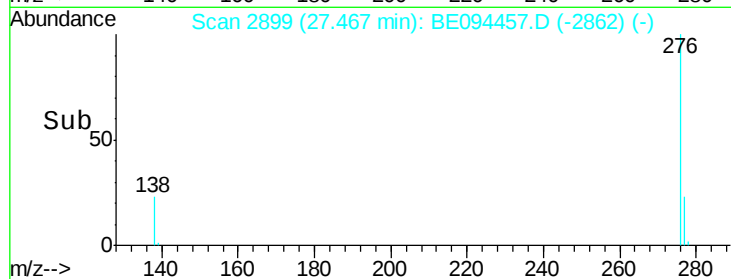
138 26.7 44.0 66.0#

Manual Integrations

APPROVED

Sohil

10/23/2017 3:11:26 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

