

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062217\
 Data File : BE093327.D
 Acq On : 22 Jun 2017 14:20
 Operator : SJ/JU
 Sample : PB99833BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB99833BS

Manual Integrations
 APPROVED

mohammad
 6/26/2017 11:29:20 AM

Quant Time: Jun 23 07:55:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 14:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	206	0.40	ng	-0.02
7) Naphthalene-d8	10.51	136	909	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	407	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	747	0.40	ng	0.00
27) Chrysene-d12	21.25	240	1235	0.40	ng	-0.02
34) Perylene-d12	23.67	264	1064	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	239	0.39	ng	0.00
5) Phenol-d6	6.90	99	315m	0.35	ng	0.00
8) Nitrobenzene-d5	8.88	82	283	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	464	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	46	0.50	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	629	0.36	ng	0.00
25) Fluoranthene-d10	19.11	212	859	0.35	ng	0.00
29) Terphenyl-d14	19.72	244	778	0.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	99	0.217	ng	# 22
3) n-Nitrosodimethylamine	3.59	42	130	0.333	ng	# 98
6) bis(2-Chloroethyl)ether	7.15	93	260	0.334	ng	# 98
9) Naphthalene	10.56	128	776	0.318	ng	# 87
10) Hexachlorobutadiene	10.87	225	107	0.323	ng	98
12) 2-Methylnaphthalene	12.18	142	487	0.322	ng	96
16) Acenaphthylene	14.08	152	2422	0.342	ng	100
17) Acenaphthene	14.42	154	437	0.331	ng	92
18) Fluorene	15.41	166	498	0.313	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	133	0.292	ng	92
21) Hexachlorobenzene	16.44	284	124	0.310	ng	# 100
22) Pentachlorophenol	16.79	266	109	0.845	ng	88
23) Phenanthrene	17.16	178	1065	0.315	ng	99
24) Anthracene	17.25	178	943	0.330	ng	99
26) Fluoranthene	19.16	202	3897	0.318	ng	# 99
28) Pyrene	19.51	202	4385	0.292	ng	# 96
30) Benzo(a)anthracene	21.23	228	1195	0.359	ng	# 88
31) Chrysene	21.28	228	1174	0.330	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.16	149	372	0.266	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.17	276	4860	0.366	ng	99
35) Benzo(b)fluoranthene	22.93	252	1249	0.365	ng	# 90
36) Benzo(k)fluoranthene	22.97	252	1044	0.317	ng	# 93
37) Benzo(a)pyrene	23.55	252	989	0.335	ng	# 89
38) Dibenzo(a,h)anthracene	26.20	278	1011	0.328	ng	# 91
39) Benzo(g,h,i)perylene	26.95	276	4120	0.331	ng	# 87

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

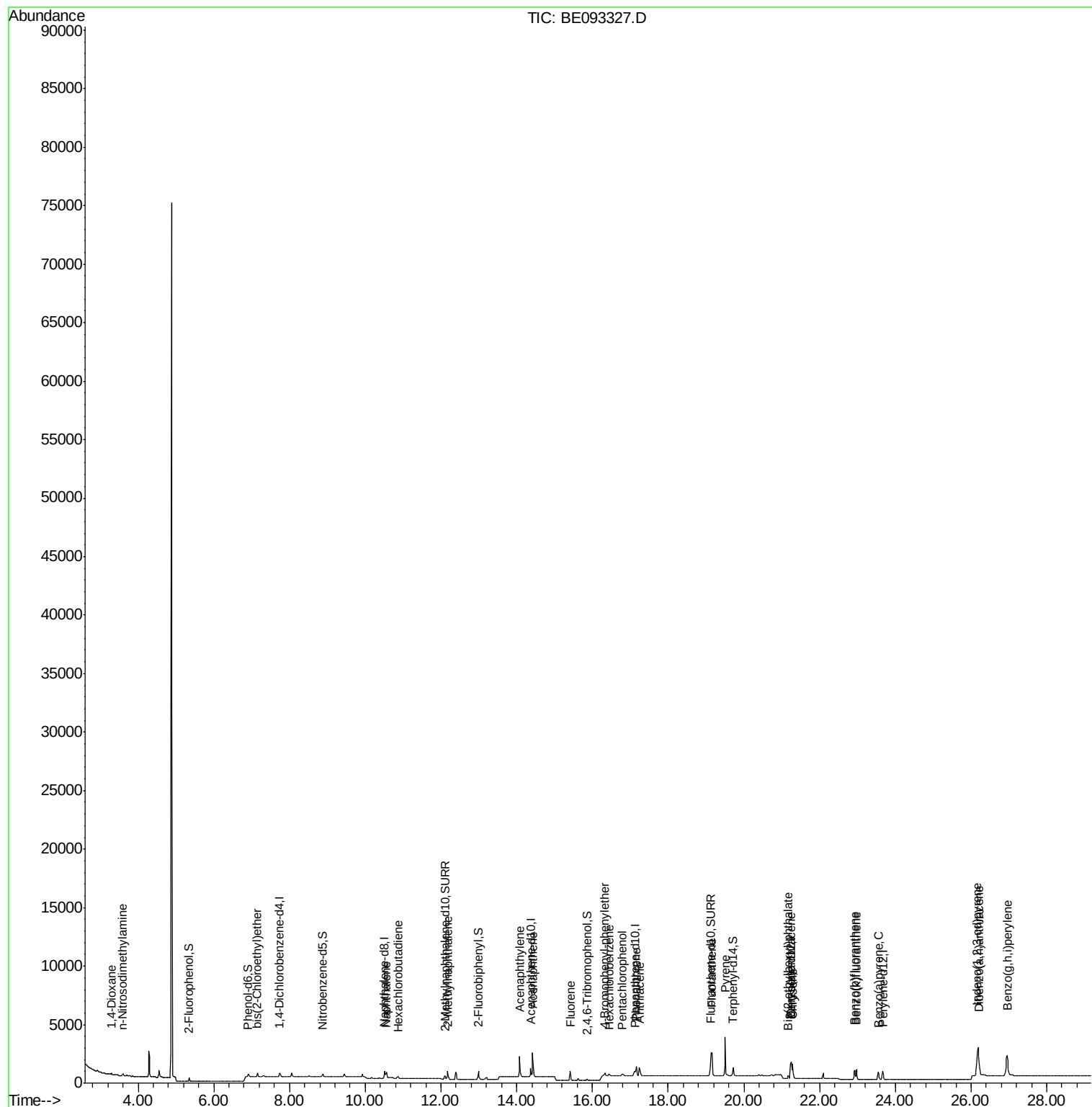
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062217\
Data File : BE093327.D
Acq On : 22 Jun 2017 14:20
Operator : SJ/JU
Sample : PB99833BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

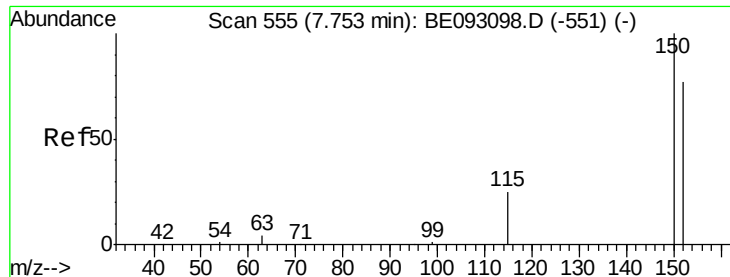
Instrument :
BNA_E
ClientSampled :
PB99833BS

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM

Quant Time: Jun 23 07:55:34 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration





#1

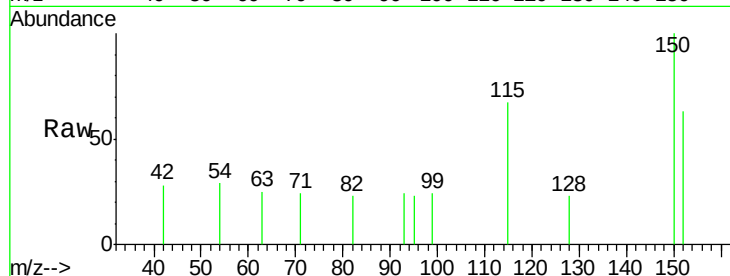
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

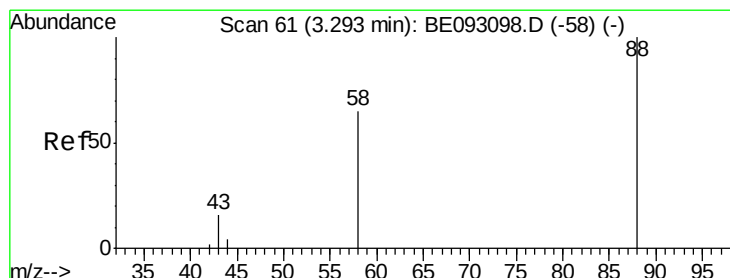
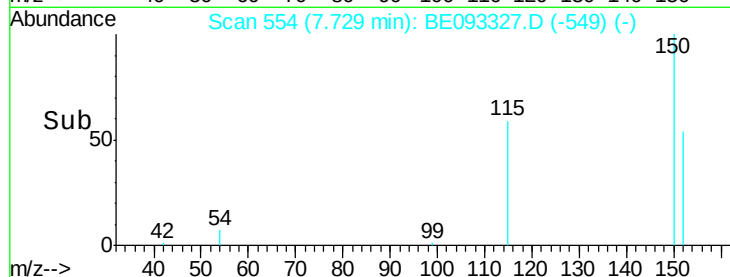
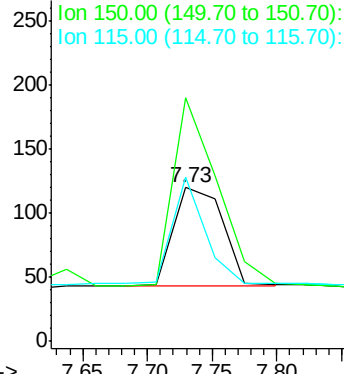
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.1	187.7
115	106.7	55.7	83.5

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM



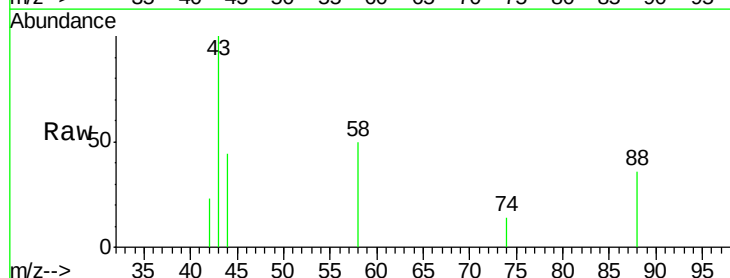
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



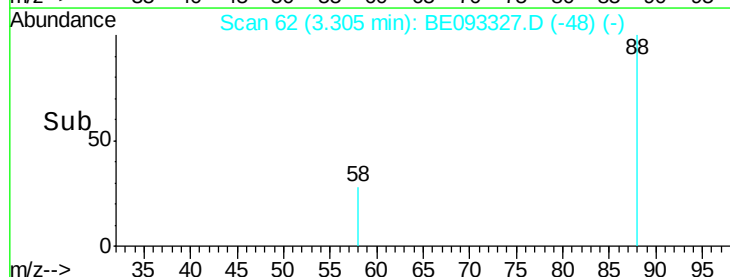
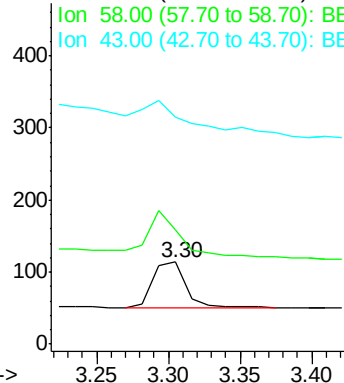
#2

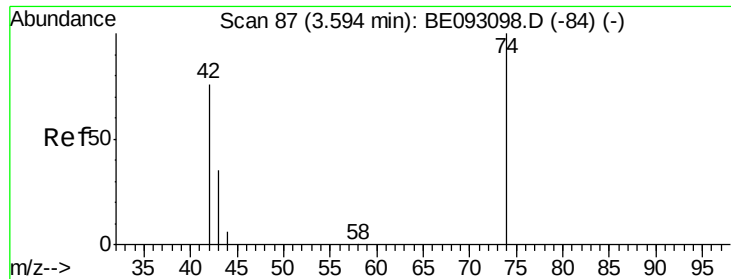
1,4-Dioxane
Concen: 0.217 ng
RT: 3.30 min Scan# 62
Delta R.T. 0.01 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	111.1	62.2	93.4
43	127.3	23.2	34.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.333 ng

RT: 3.59 min Scan# 87

Delta R.T. 0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

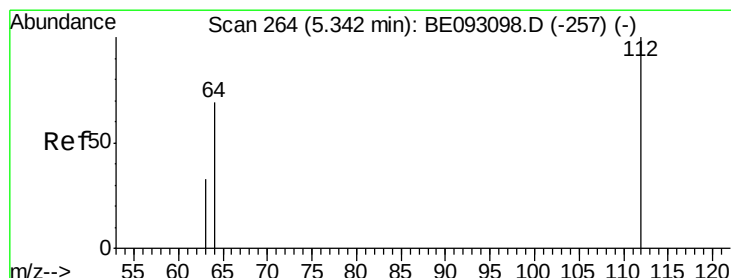
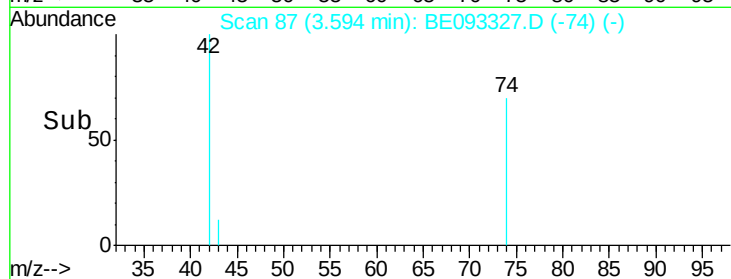
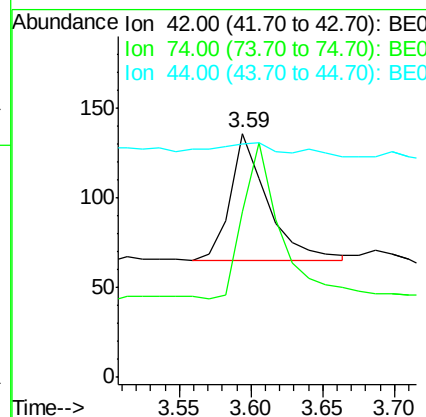
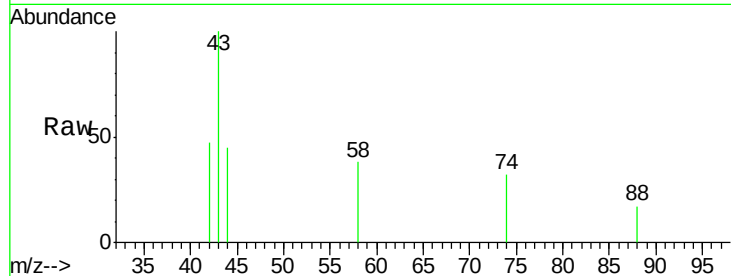
ClientSampleId :

PB99833BS

Tgt Ion:	42	Resp:	130
Ion	Ratio	Lower	Upper
42	100		
74	124.6	99.1	148.7
44	16.9	7.4	11.2#

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM



#4

2-Fluorophenol

Concen: 0.393 ng

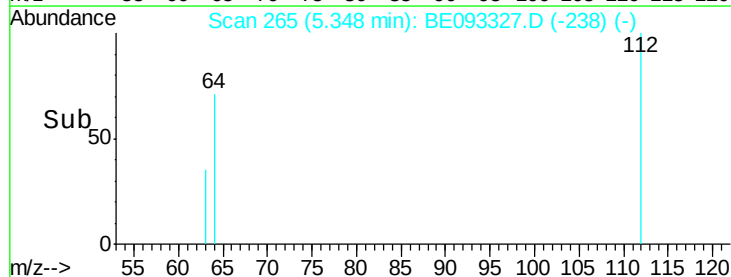
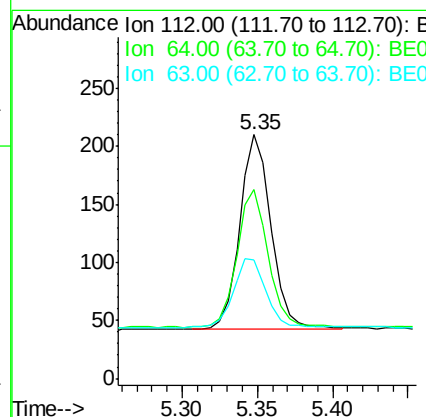
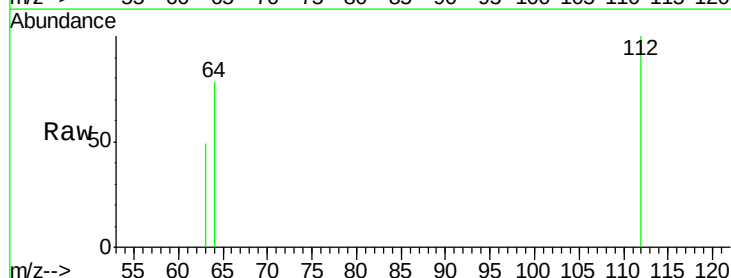
RT: 5.35 min Scan# 265

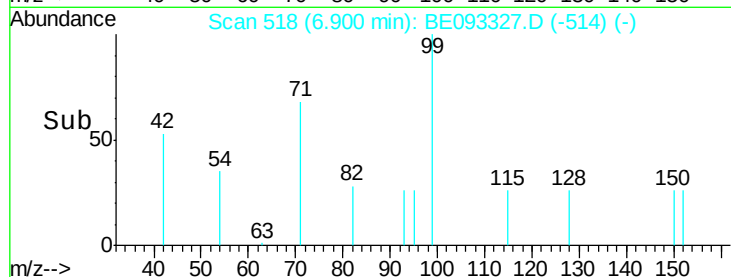
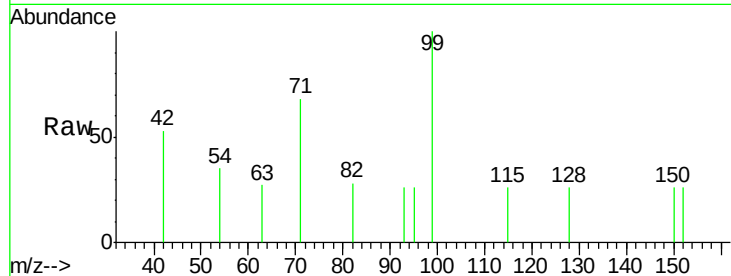
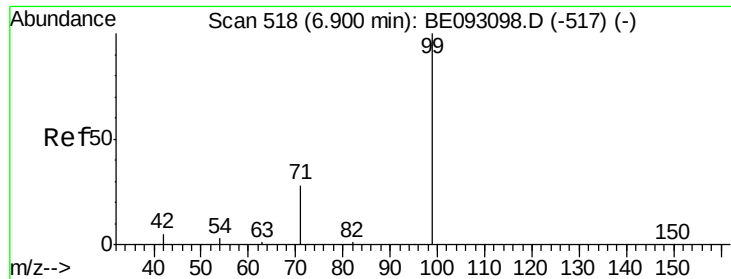
Delta R.T. 0.01 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Tgt Ion:	112	Resp:	239
Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.4	84.6
63	36.8	29.3	43.9





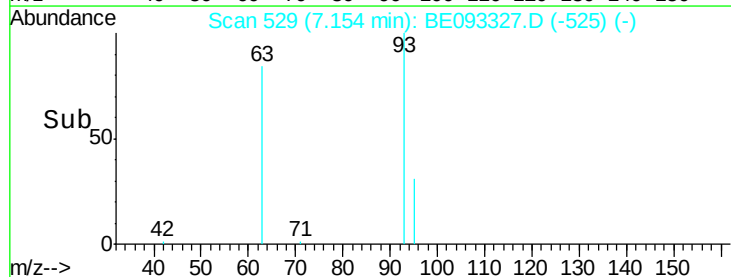
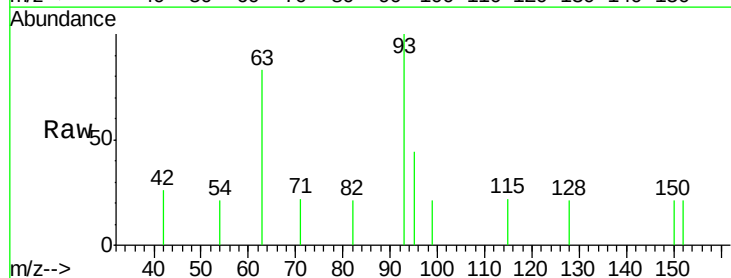
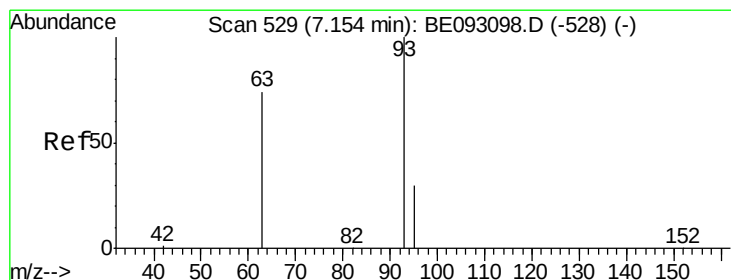
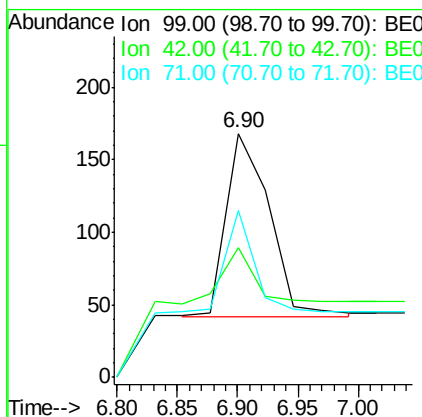
#5
Phenol-d6
Concen: 0.354 ng m
RT: 6.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	315		
42	189.8	0.0	0.0	0.0
71	183.8	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
PB99833BS

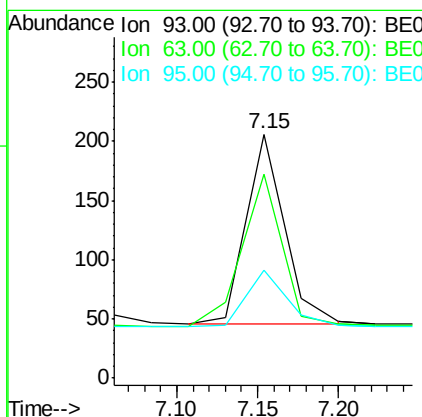
Manual Integrations
APPROVED

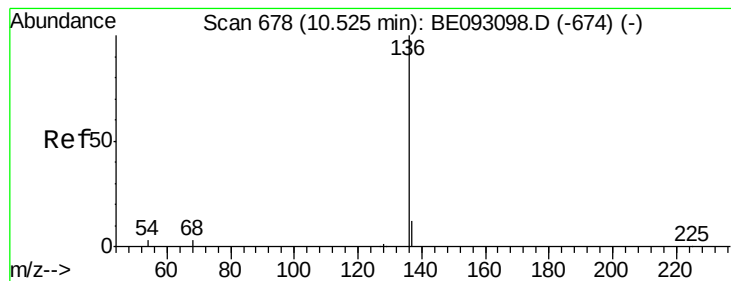
mohammad
6/26/2017 11:29:20 AM



#6
bis(2-Chloroethyl)ether
Concen: 0.334 ng
RT: 7.15 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	260		
63	83.8	0.0	0.0	0.0
95	30.8	25.4	38.0	





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

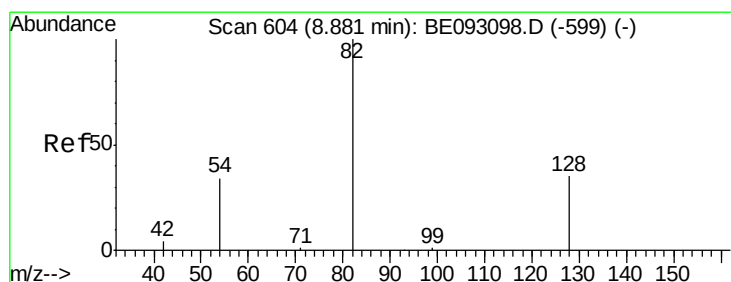
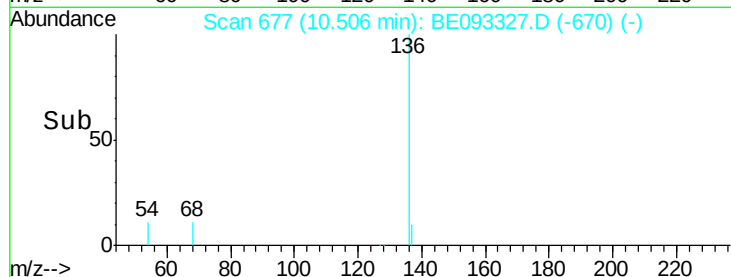
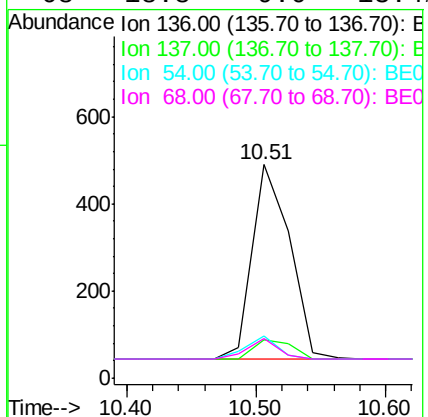
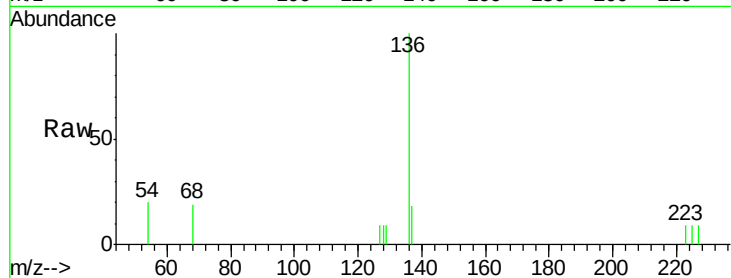
ClientSampleId :

PB99833BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	18.0	9.8	14.8#
54	20.0	10.3	15.5#
68	18.8	9.0	13.4#

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM



#8

Nitrobenzene-d5

Concen: 0.390 ng

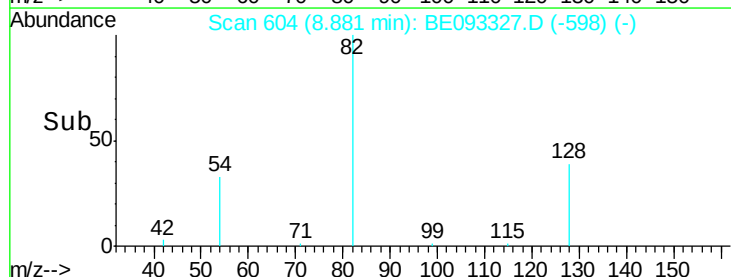
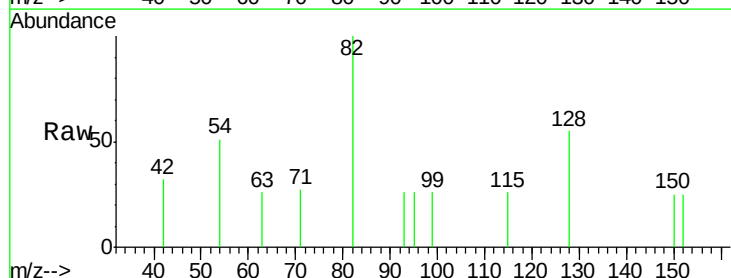
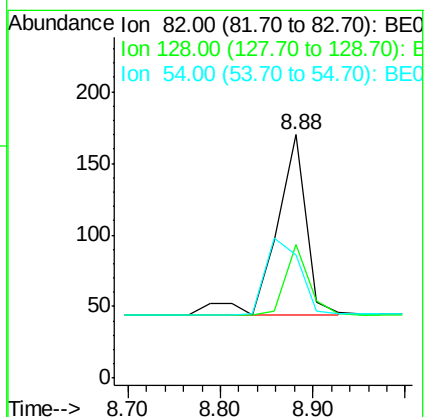
RT: 8.88 min Scan# 604

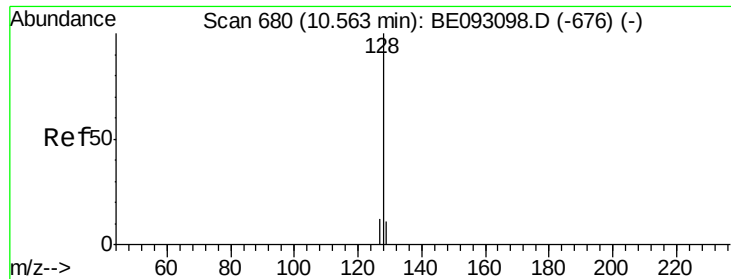
Delta R.T. -0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.7	17.0	25.4#
54	50.6	53.8	80.6#





#9

Naphthalene

Concen: 0.318 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

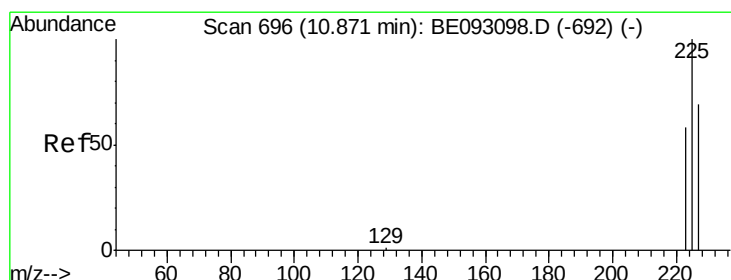
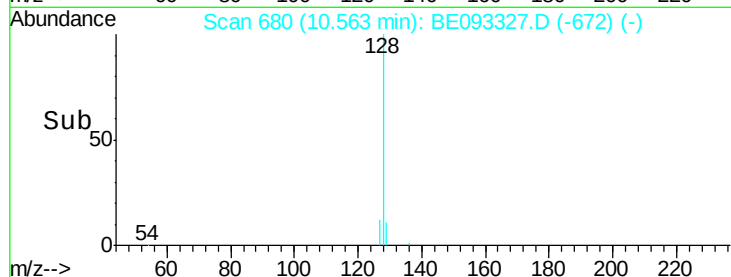
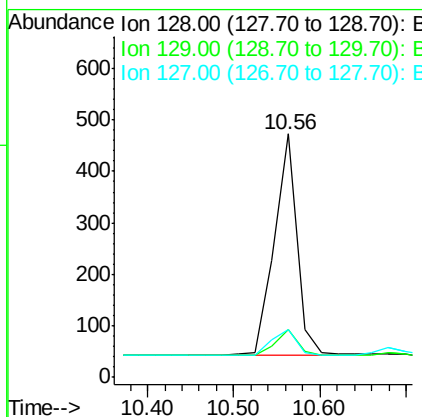
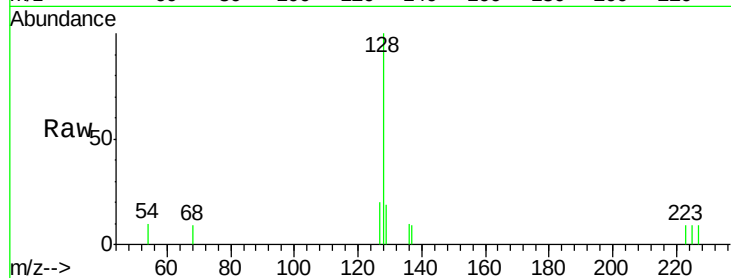
ClientSampleId :

PB99833BS

Tgt Ion:	128	Resp:	776
Ion	Ratio	Lower	Upper
128	100		
129	19.5	11.4	17.0#
127	19.7	11.2	16.8#

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM



#10

Hexachlorobutadiene

Concen: 0.323 ng

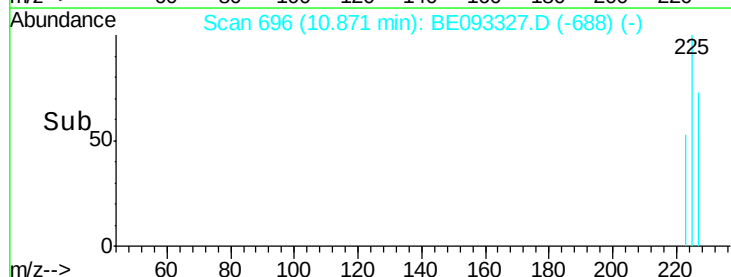
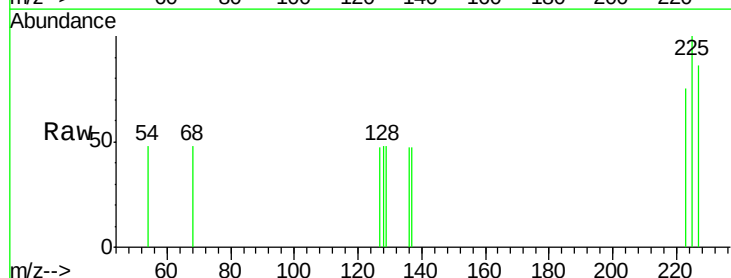
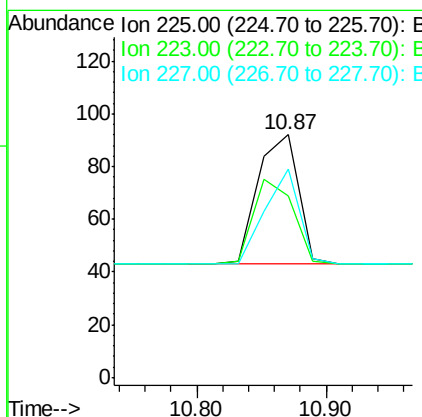
RT: 10.87 min Scan# 696

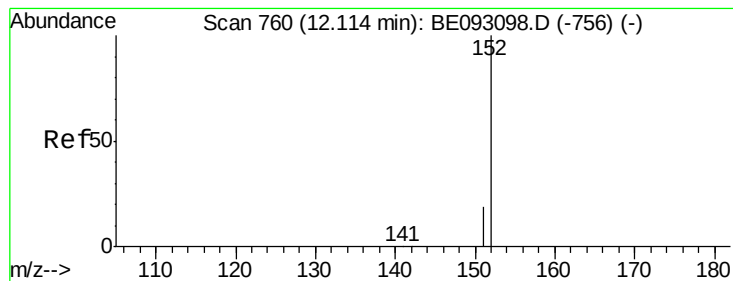
Delta R.T. -0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Tgt Ion:	225	Resp:	107
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.7	74.5
227	62.6	50.3	75.5





#11

2-Methylnaphthalene-d10

Concen: 0.340 ng

RT: 12.10 min Scan# 759

Delta R.T. -0.01 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

ClientSampleId :

PB99833BS

Tgt Ion:152 Resp: 464

Ion Ratio Lower Upper

152 100

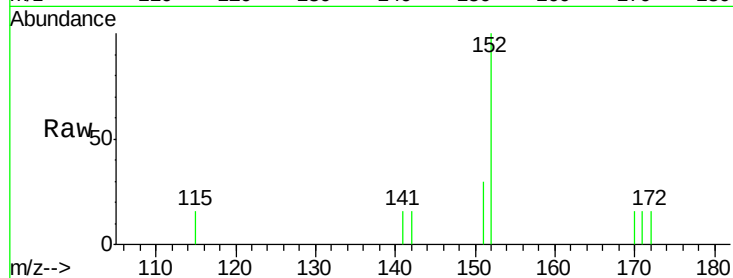
151 18.1 15.1 22.7

Manual Integrations

APPROVED

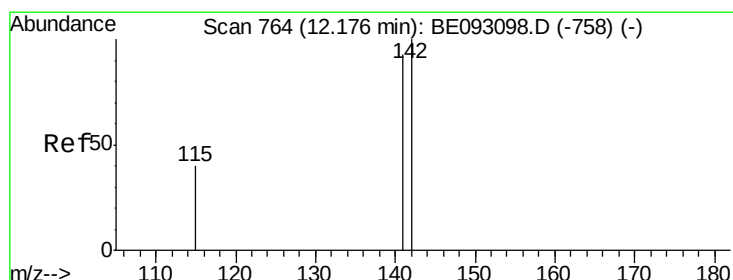
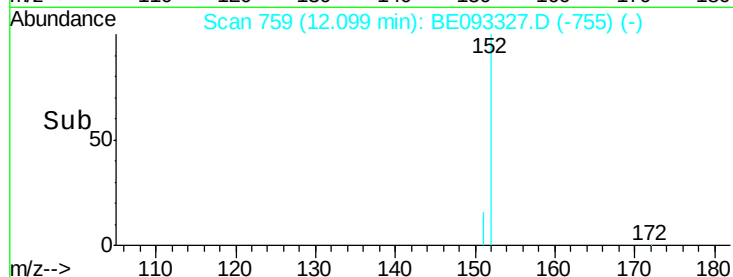
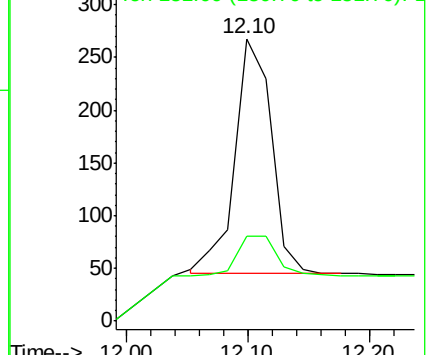
mohammad

6/26/2017 11:29:20 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.322 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

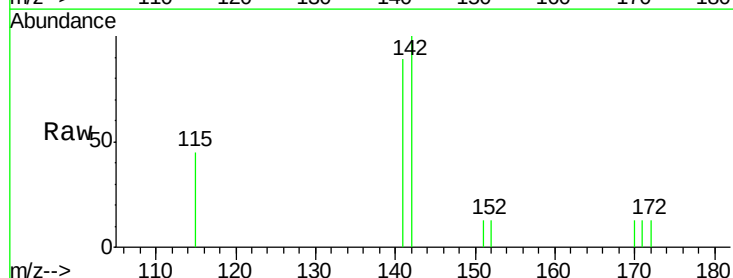
Tgt Ion:142 Resp: 487

Ion Ratio Lower Upper

142 100

141 89.1 72.6 108.8

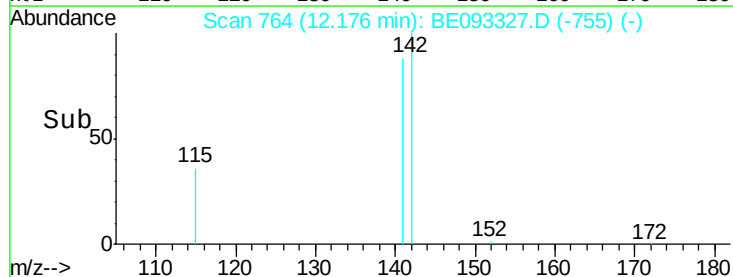
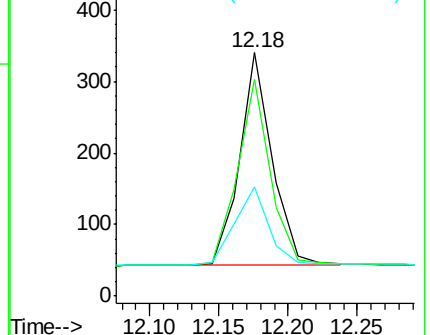
115 45.0 32.2 48.2

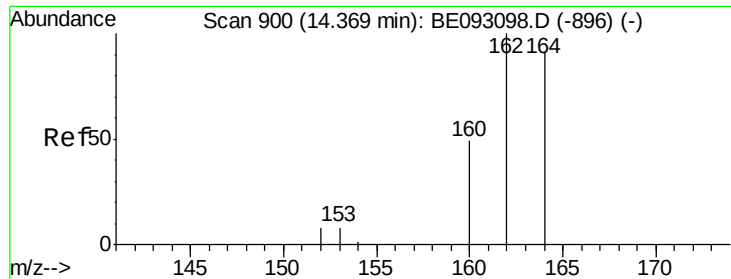


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





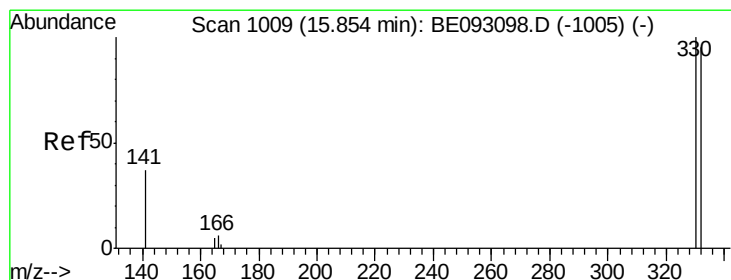
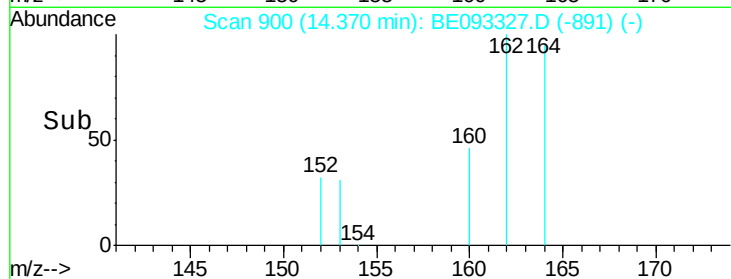
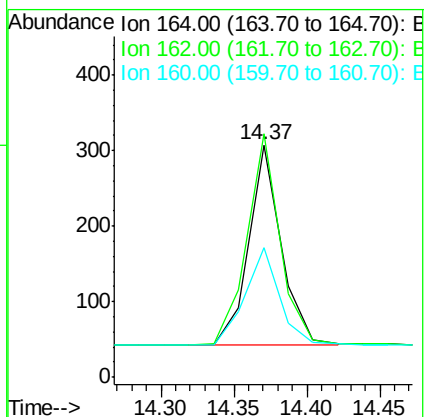
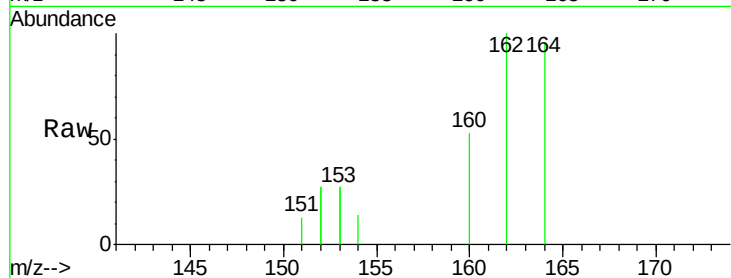
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:164 Resp: 407
Ion Ratio Lower Upper
164 100
162 104.9 84.6 127.0
160 55.7 41.8 62.6

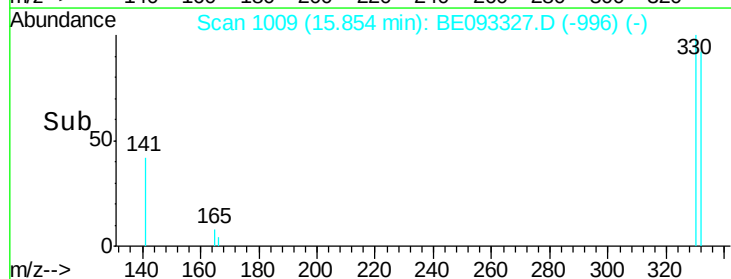
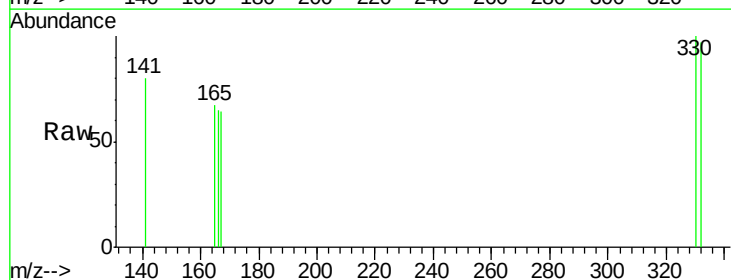
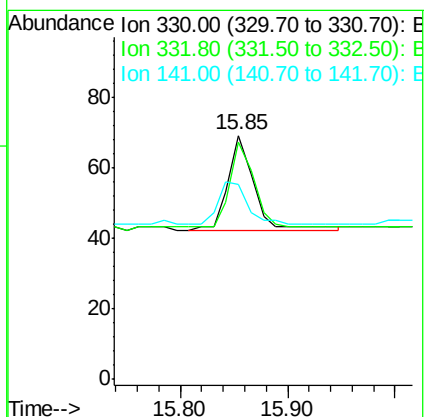
Manual Integrations
APPROVED

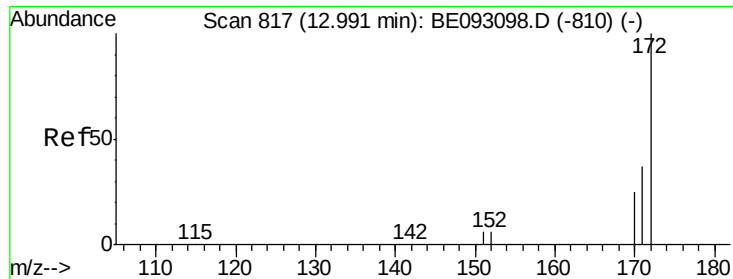
mohammad
6/26/2017 11:29:20 AM



#14
2,4,6-Tribromophenol
Concen: 0.496 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:330 Resp: 46
Ion Ratio Lower Upper
330 100
332 87.0 77.7 116.5
141 47.8 56.2 84.4#





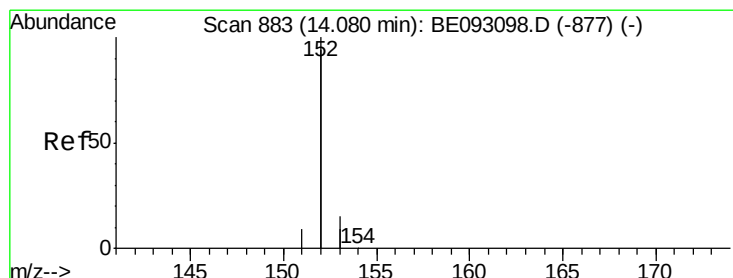
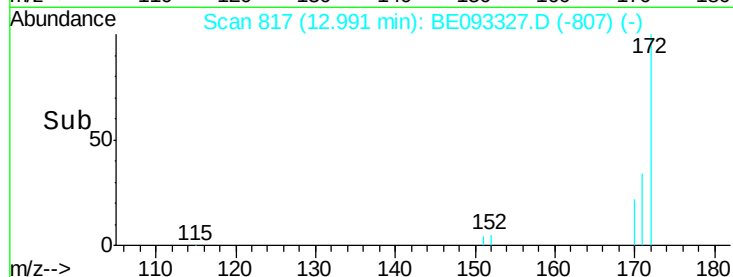
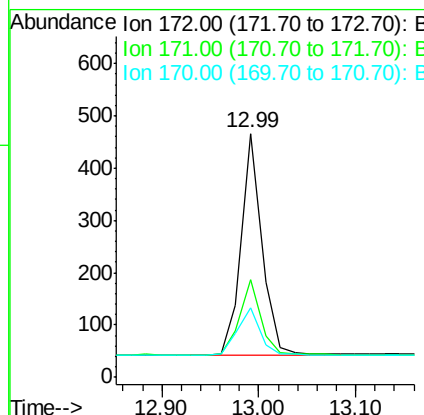
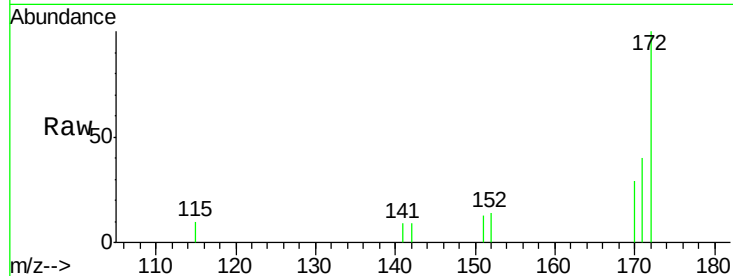
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	29.8	44.6
170	28.8	20.7	31.1

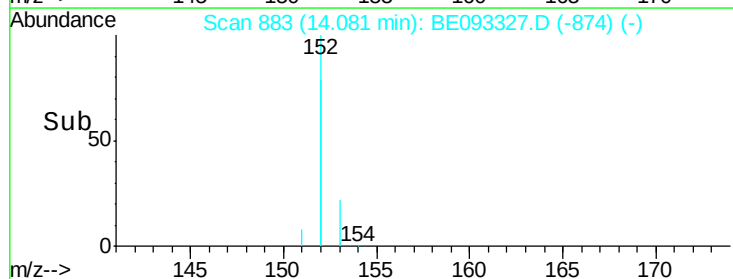
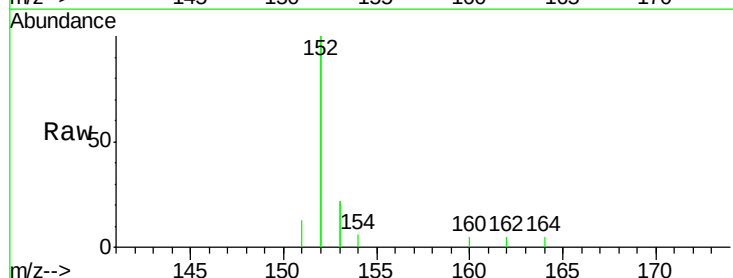
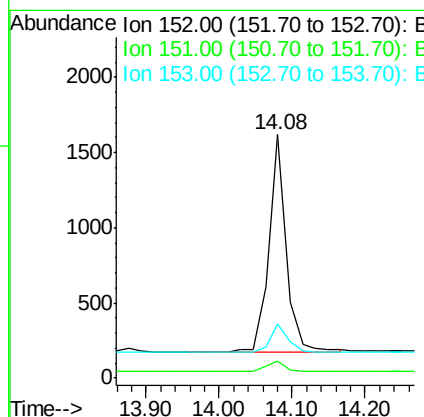
Manual Integrations
APPROVED

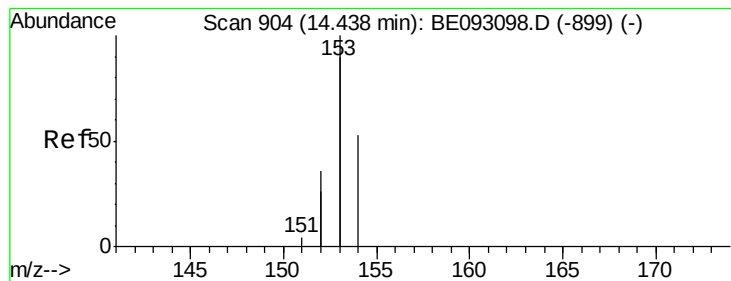
mohammad
6/26/2017 11:29:20 AM



#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	12.9	10.3	15.5





#17

Acenaphthene

Concen: 0.331 ng

RT: 14.42 min Scan# 903

Delta R.T. -0.02 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

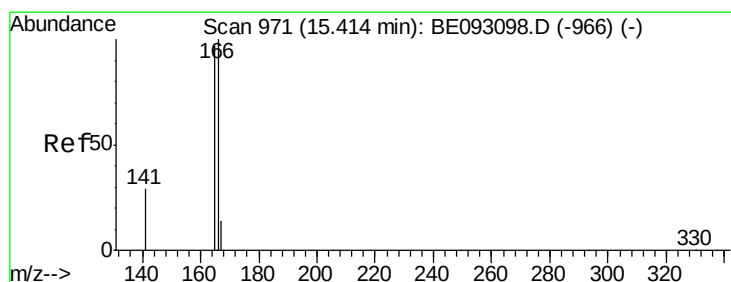
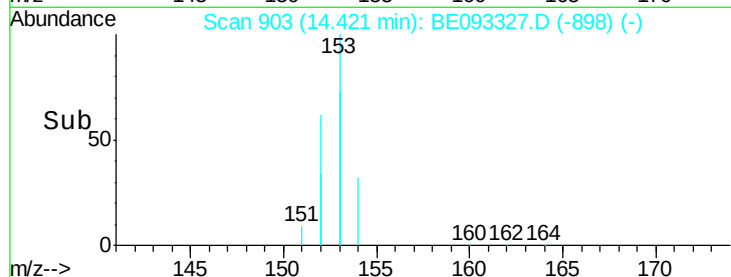
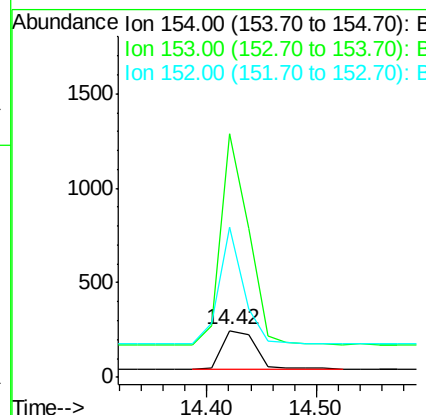
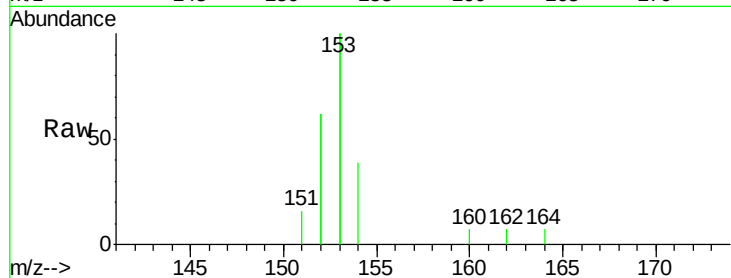
ClientSampleId :

PB99833BS

Tgt Ion:	154	Resp:	437
Ion Ratio	Lower	Upper	
154	100		
153	440.7	367.8	551.6
152	220.8	188.2	282.2

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM



#18

Fluorene

Concen: 0.313 ng

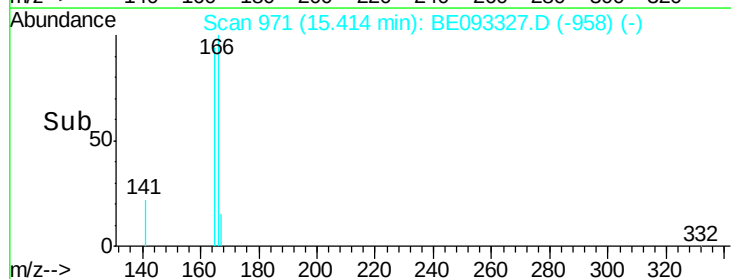
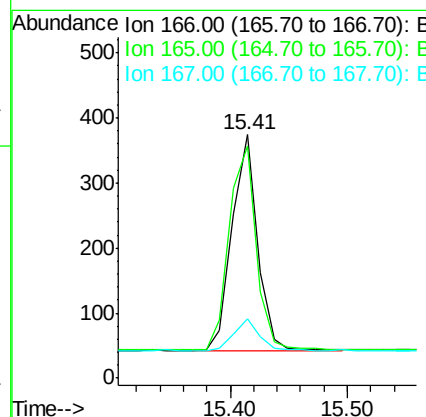
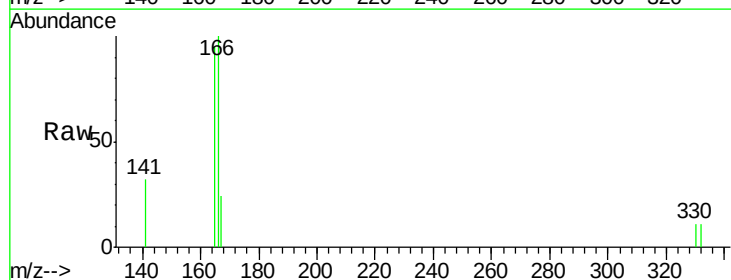
RT: 15.41 min Scan# 971

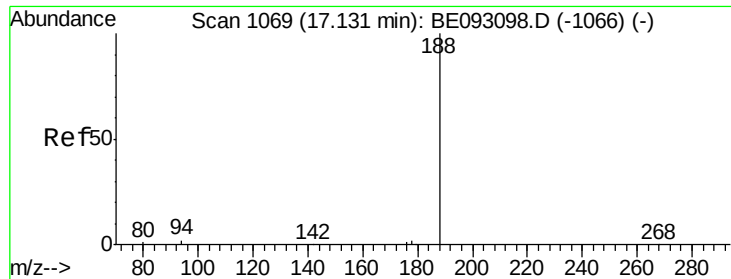
Delta R.T. 0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Tgt Ion:	166	Resp:	498
Ion Ratio	Lower	Upper	
166	100		
165	100.2	78.6	117.8
167	14.5	11.1	16.7





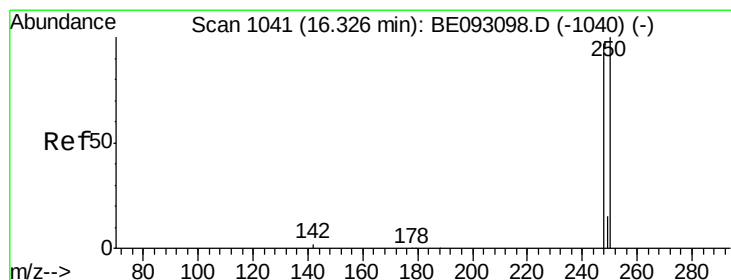
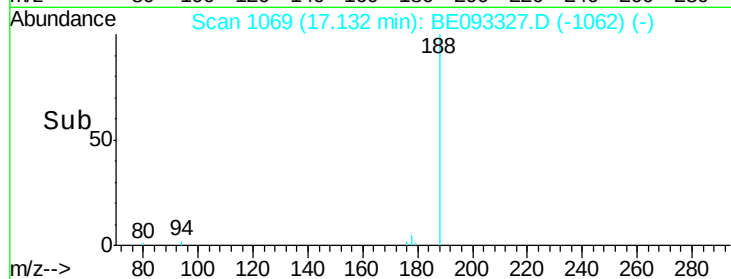
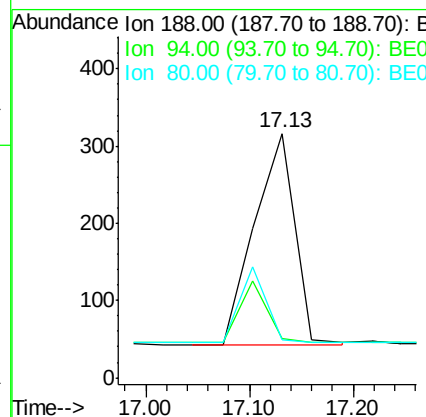
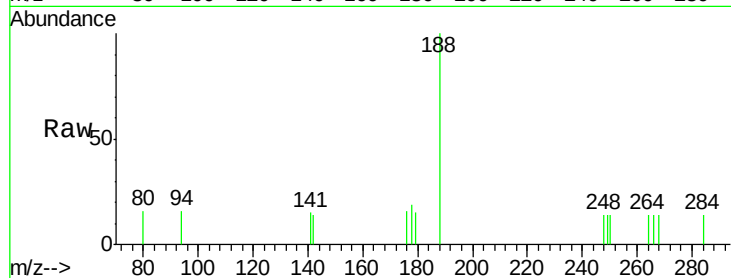
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.13 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BE093327.D
 Acq: 22 Jun 2017 14:20

Instrument :
 BNA_E
 ClientSampleId :
 PB99833BS

Tgt Ion:	188	Resp:	747
Ion	Ratio	Lower	Upper
188	100		
94	15.8	11.3	16.9
80	15.5	11.7	17.5

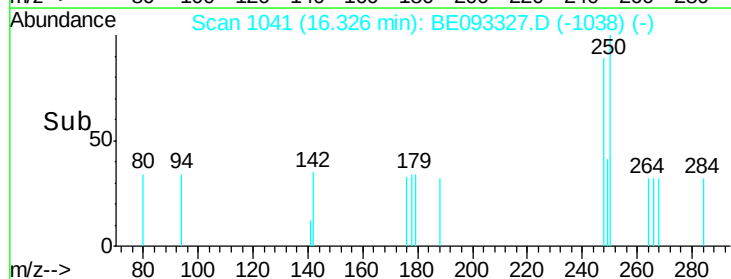
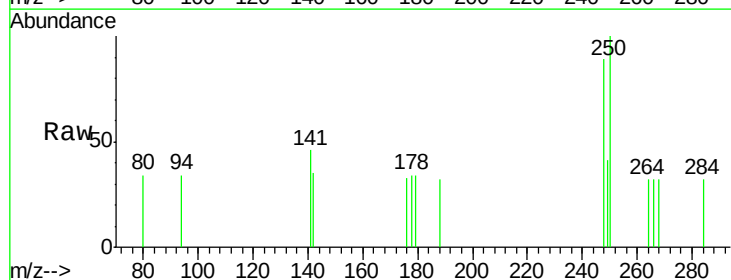
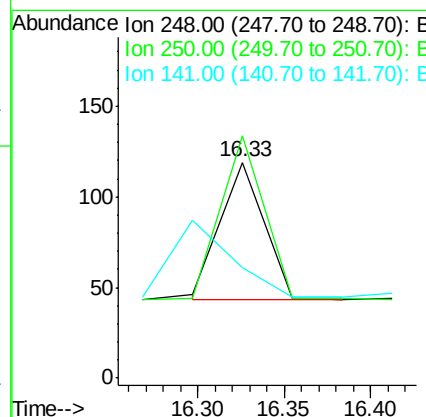
Manual Integrations
 APPROVED

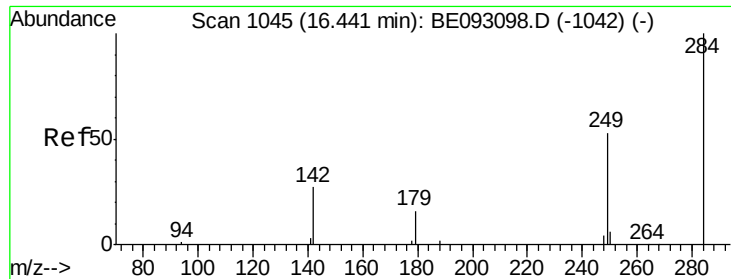
mohammad
 6/26/2017 11:29:20 AM



#20
 4-Bromophenyl-phenylether
 Concen: 0.292 ng
 RT: 16.33 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BE093327.D
 Acq: 22 Jun 2017 14:20

Tgt Ion:	248	Resp:	133
Ion	Ratio	Lower	Upper
248	100		
250	112.6	100.0	150.0
141	51.3	40.0	60.0





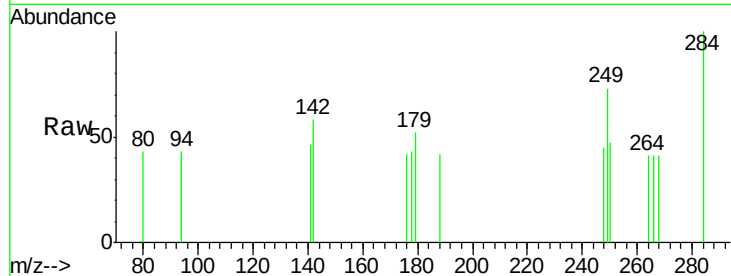
#21
Hexachlorobenzene
Concen: 0.310 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

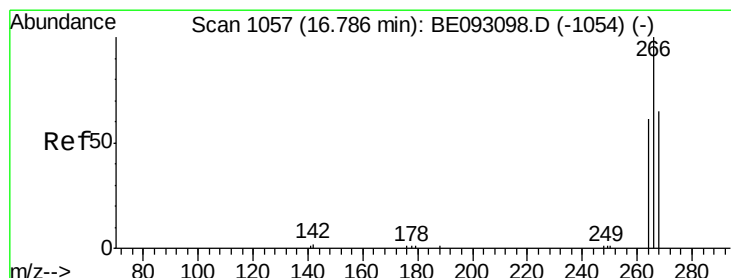
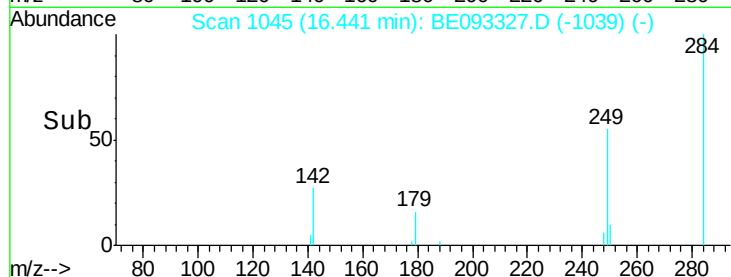
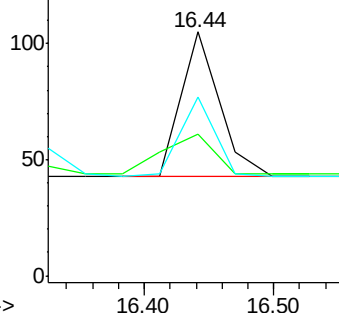
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	124		
142	36.3	0.0	0.0	0.0
249	50.0	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM



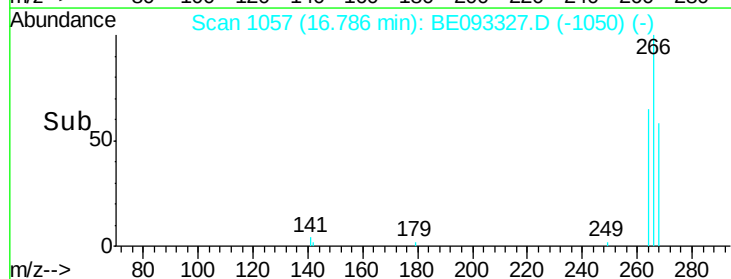
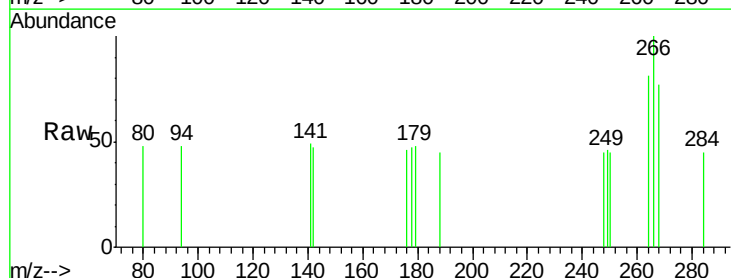
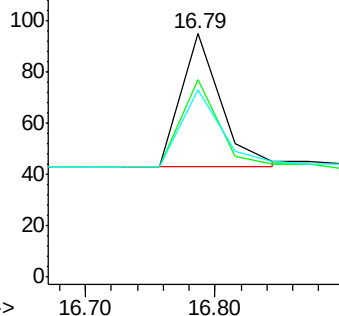
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

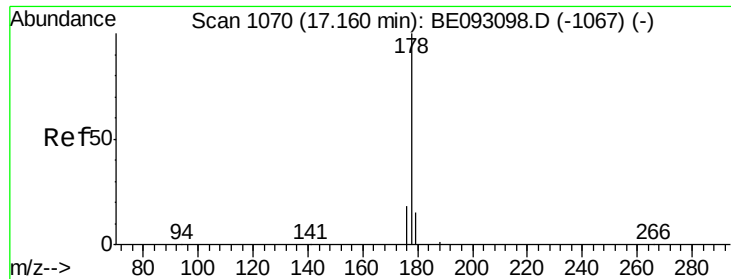


#22
Pentachlorophenol
Concen: 0.845 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	109		
264	81.1	58.2	58.2	87.2
268	76.8	71.9	71.9	107.9

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





#23

Phenanthrene

Concen: 0.315 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

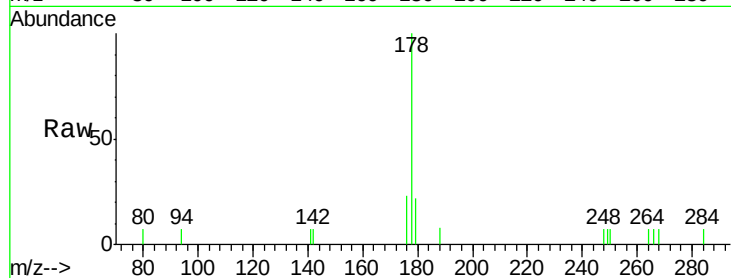
ClientSampleId :

PB99833BS

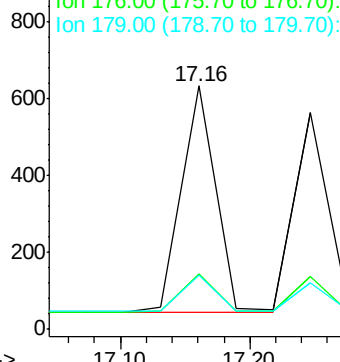
Tgt Ion:	178	Resp:	1065
Ion Ratio	Lower	Upper	
178	100		
176	17.8	15.0	22.4
179	16.2	12.7	19.1

Manual Integrations
APPROVED

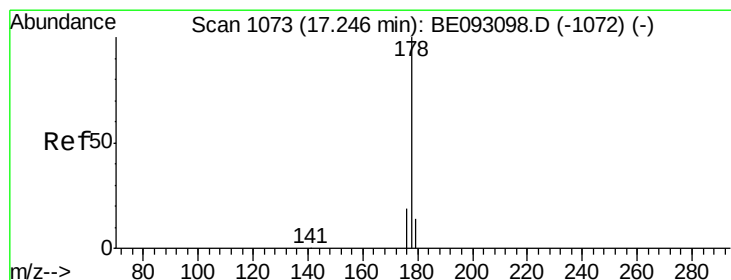
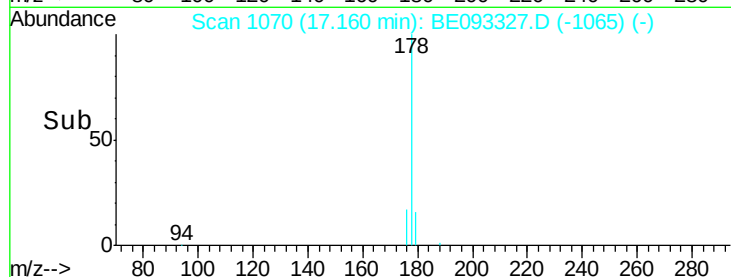
mohammad
6/26/2017 11:29:20 AM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.330 ng

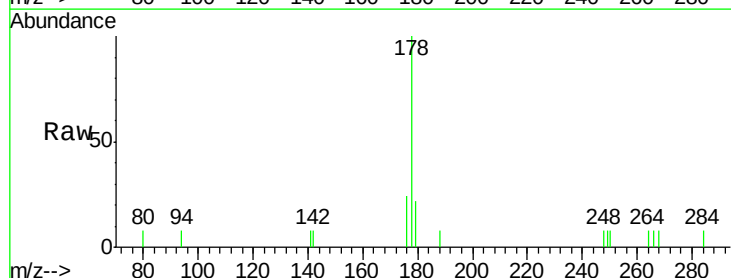
RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

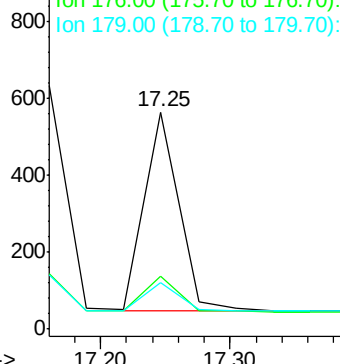
Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

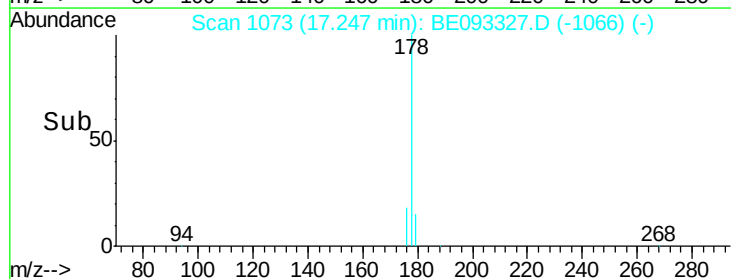
Tgt Ion:	178	Resp:	943
Ion Ratio	Lower	Upper	
178	100		
176	17.9	14.6	22.0
179	14.6	12.0	18.0

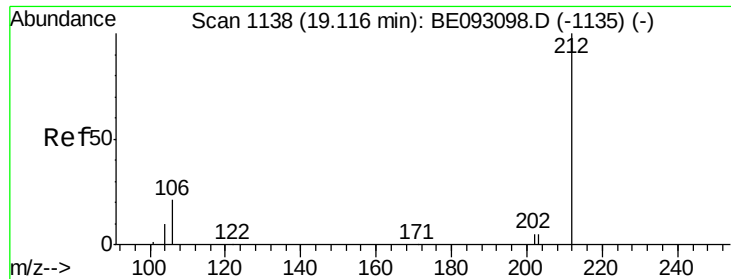


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.11 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

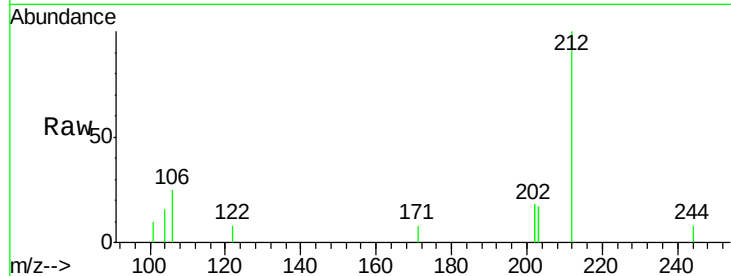
ClientSampleId :

PB99833BS

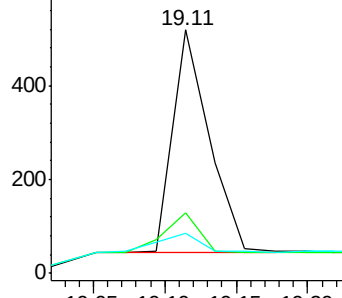
Tgt Ion:	212	Resp:	859
Ion Ratio	Lower	Upper	
212	100		
106	16.8	0.0	0.0#
104	9.7	0.0	0.0#

Manual Integrations
APPROVED

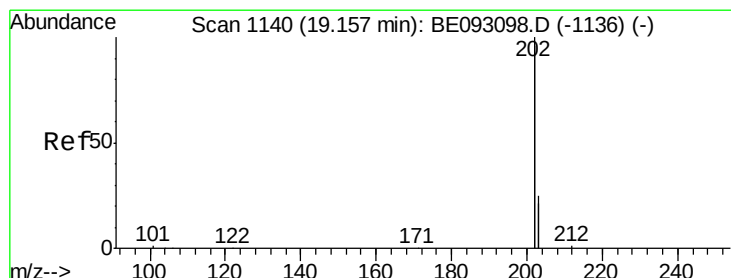
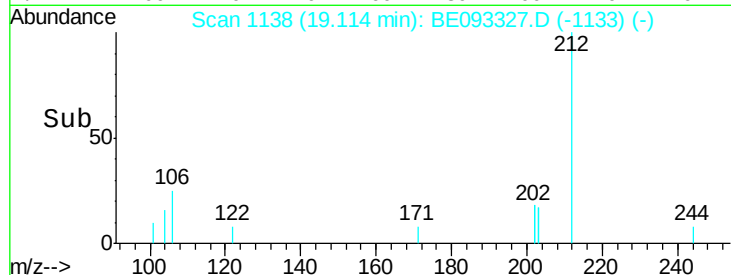
mohammad
6/26/2017 11:29:20 AM



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



Time-->



#26

Fluoranthene

Concen: 0.318 ng

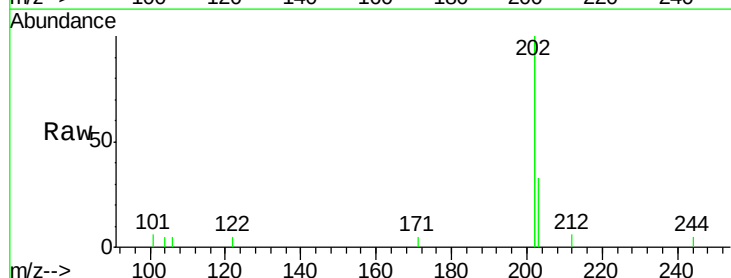
RT: 19.16 min Scan# 1140

Delta R.T. -0.00 min

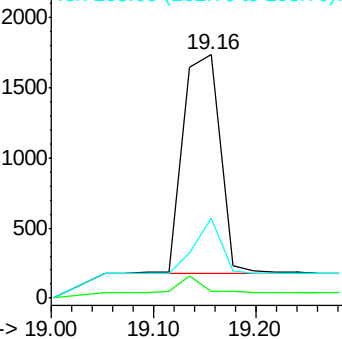
Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

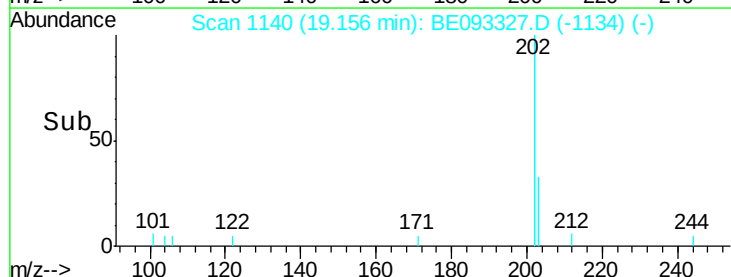
Tgt Ion:	202	Resp:	3897
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	0.0
203	18.2	14.4	21.6

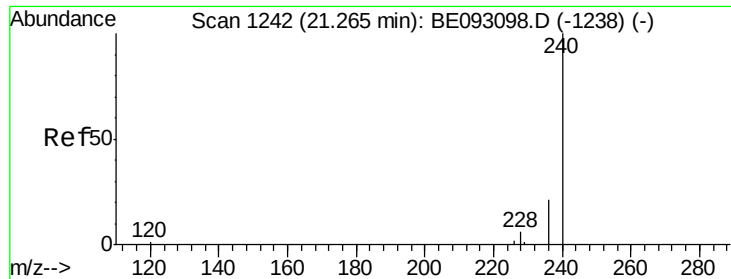


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





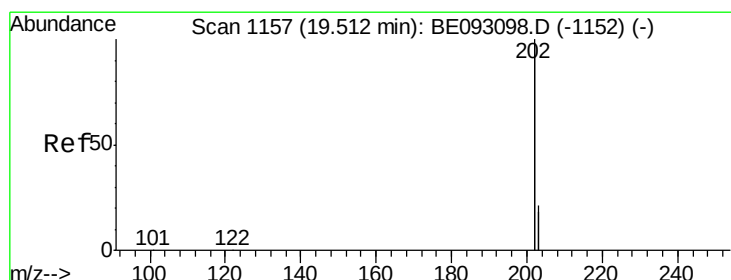
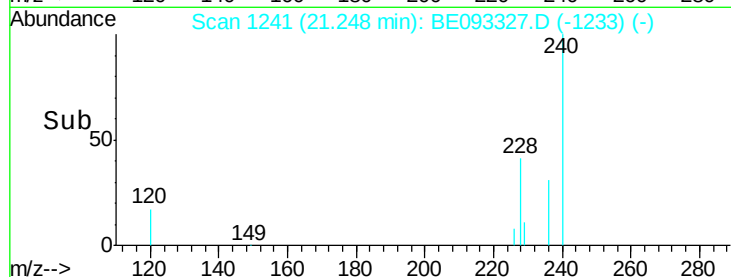
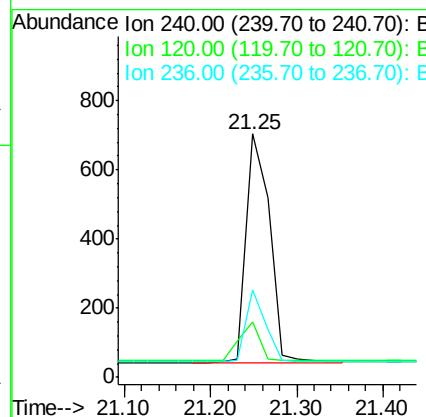
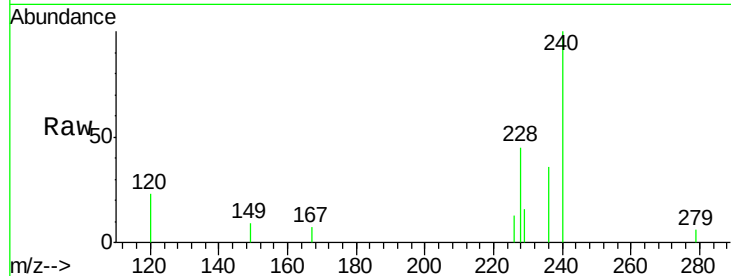
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	23.0	4.6	7.0#
236	35.8	20.8	31.2#

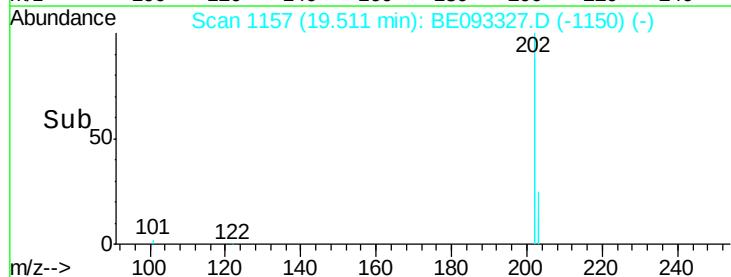
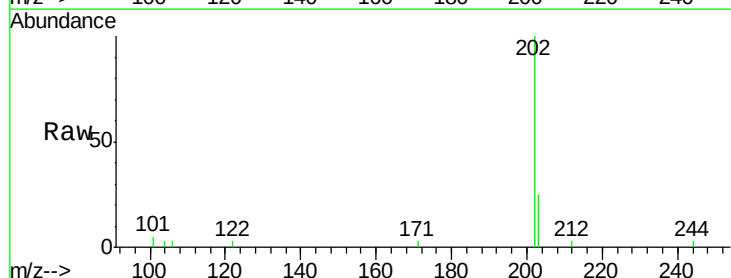
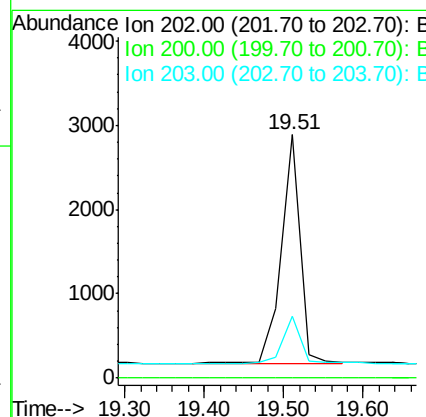
Manual Integrations
APPROVED

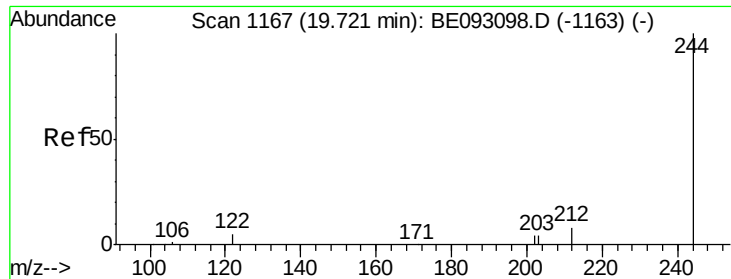
mohammad
6/26/2017 11:29:20 AM



#28
Pyrene
Concen: 0.292 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.7	13.7	20.5





#29

Terphenyl-d14

Concen: 0.327 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093327.D

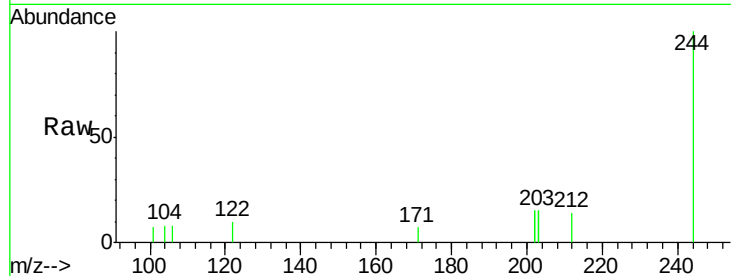
Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

ClientSampleId :

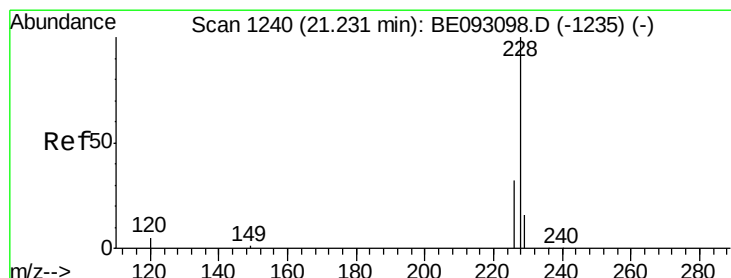
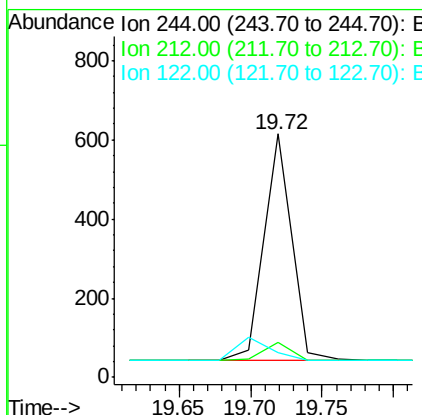
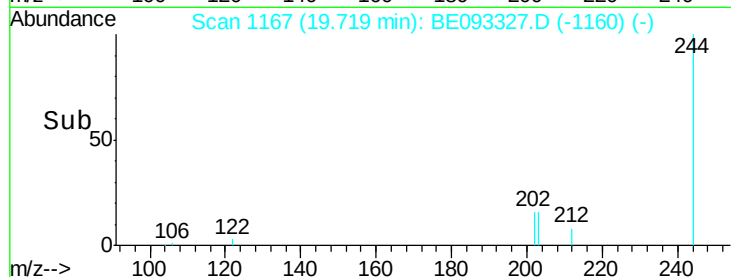
PB99833BS



Tgt Ion	Ratio	Lower	Upper
244	100		
212	14.3	10.6	16.0
122	10.1	15.4	23.0

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM



#30

Benzo(a)anthracene

Concen: 0.359 ng

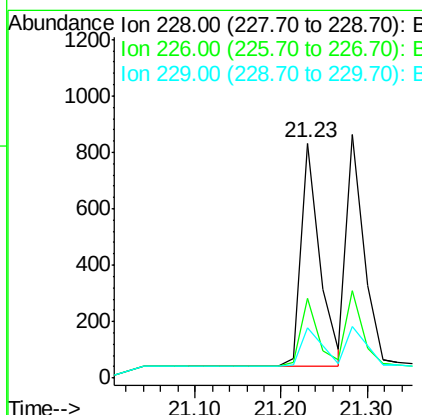
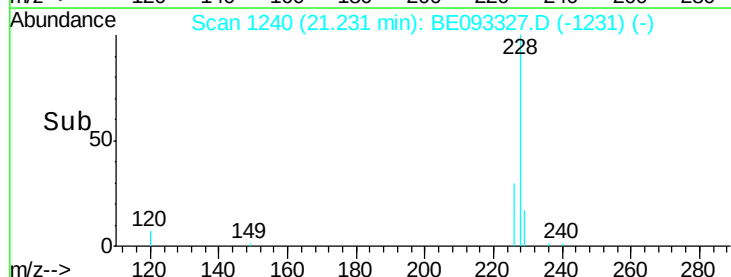
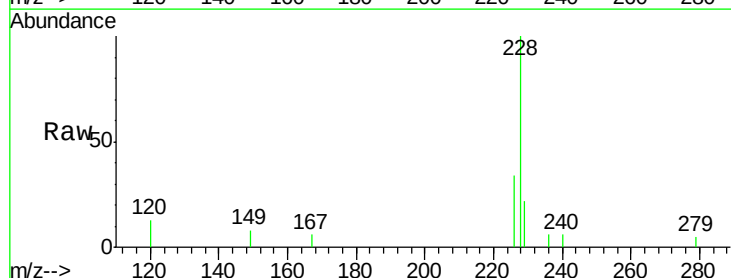
RT: 21.23 min Scan# 1240

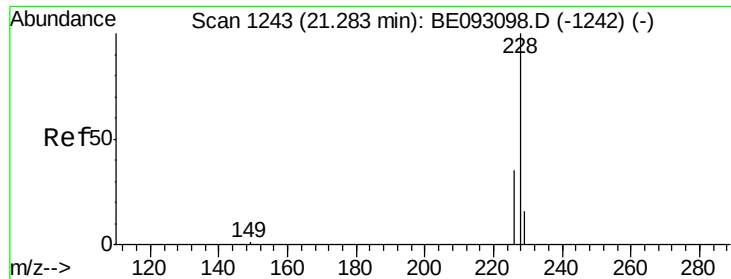
Delta R.T. 0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	19.7	29.5
229	21.5	19.2	28.8





#31

Chrysene

Concen: 0.330 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

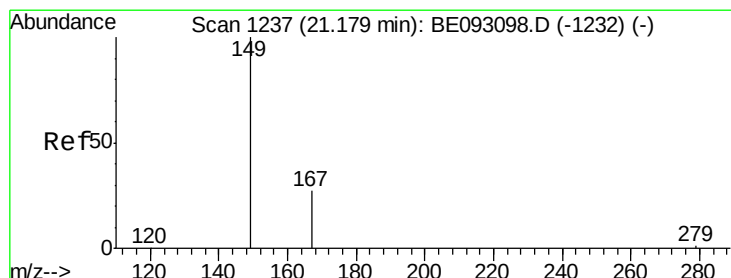
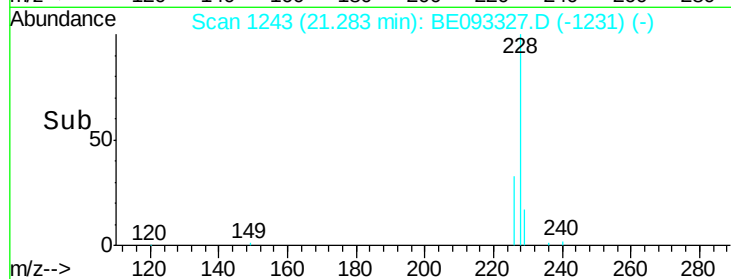
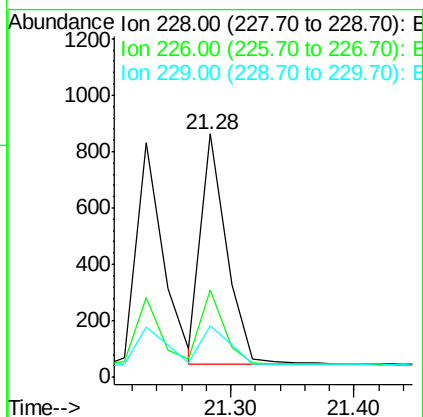
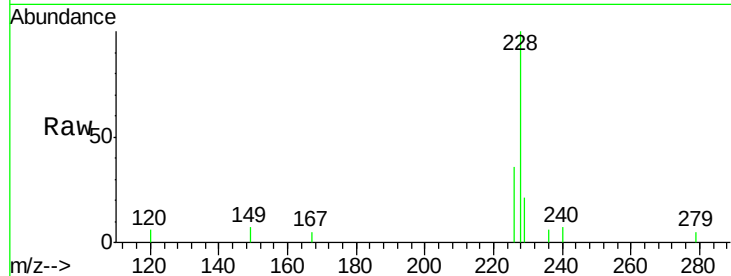
ClientSampleId :

PB99833BS

Tgt Ion:	228	Resp:	1174
Ion Ratio	Lower	Upper	
228	100		
226	36.2	21.5	32.3#
229	21.0	18.6	28.0

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.266 ng

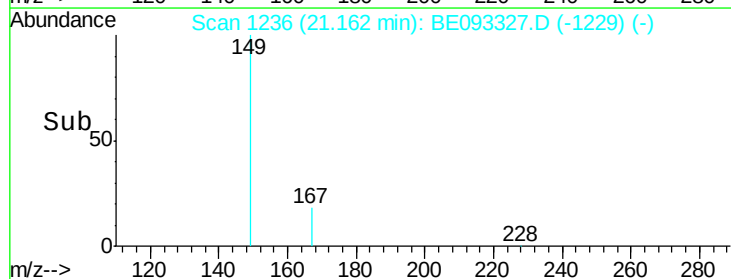
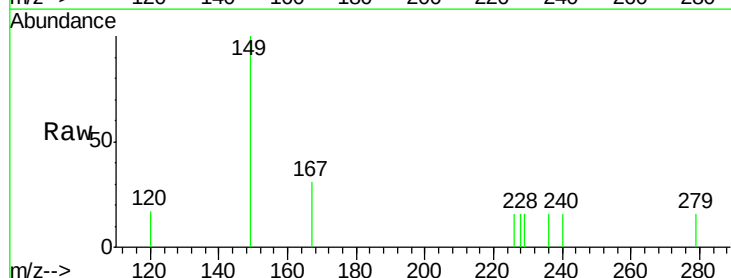
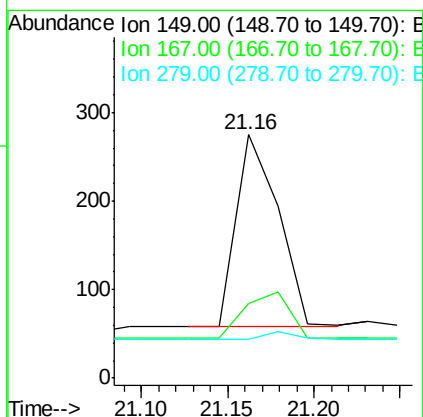
RT: 21.16 min Scan# 1236

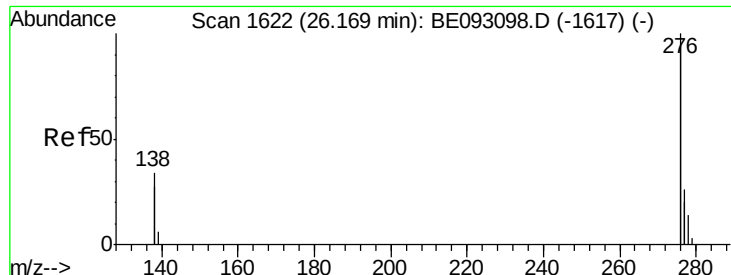
Delta R.T. -0.02 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Tgt Ion:	149	Resp:	372
Ion Ratio	Lower	Upper	
149	100		
167	25.0	20.1	30.1
279	0.0	2.2	3.4#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.366 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093327.D

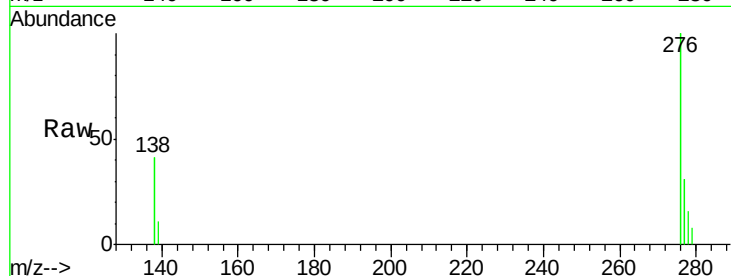
Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

ClientSampleId :

PB99833BS



Tgt Ion: 276 Resp: 4860

Ion Ratio Lower Upper

276 100

138 33.7 27.4 41.2

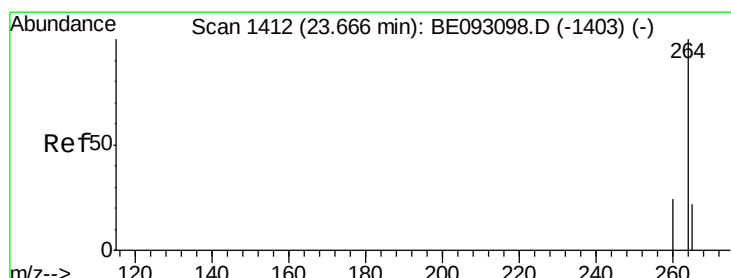
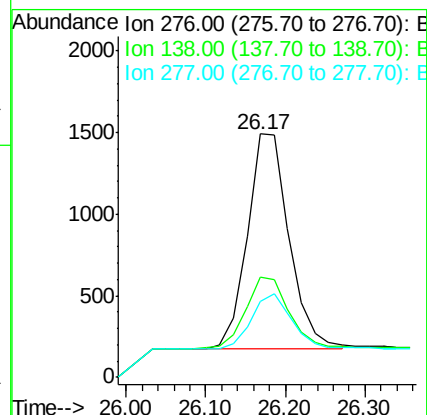
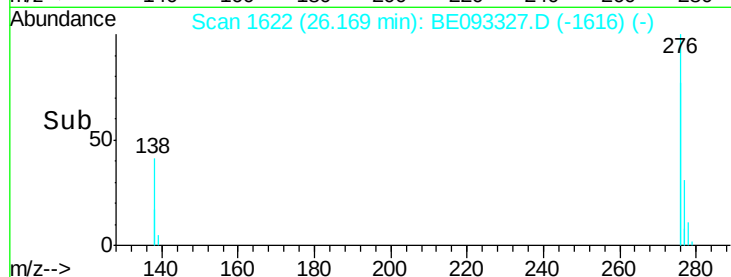
277 24.7 20.1 30.1

Manual Integrations

APPROVED

mohammad

6/26/2017 11:29:20 AM



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

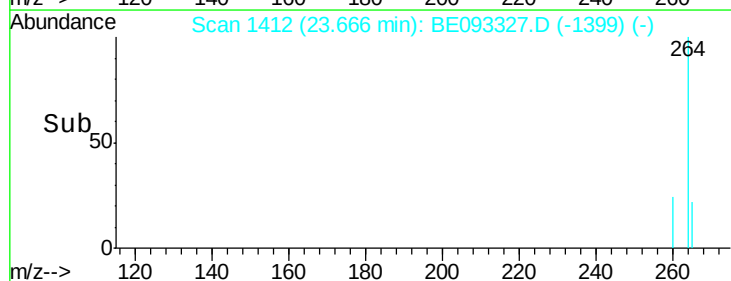
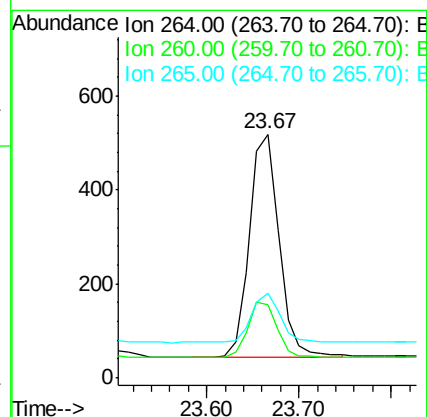
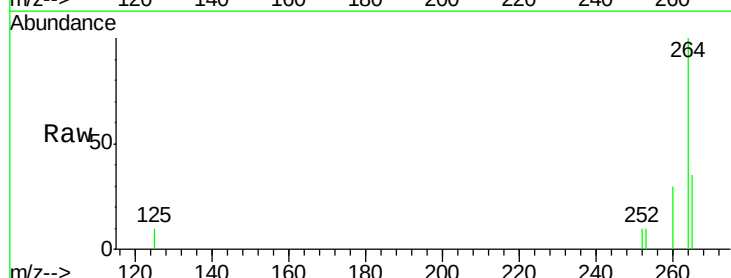
Tgt Ion: 264 Resp: 1064

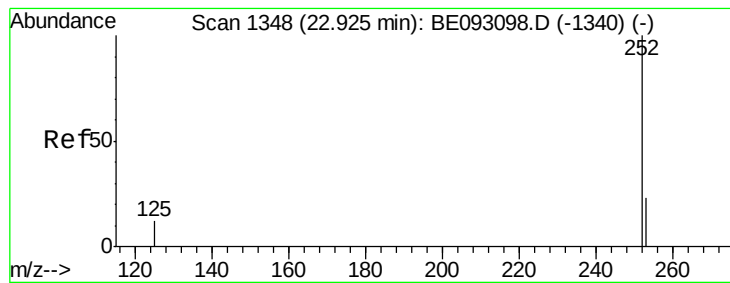
Ion Ratio Lower Upper

264 100

260 30.1 21.0 31.4

265 34.7 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.365 ng

RT: 22.93 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

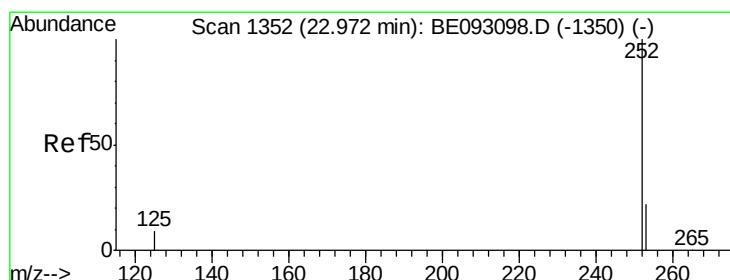
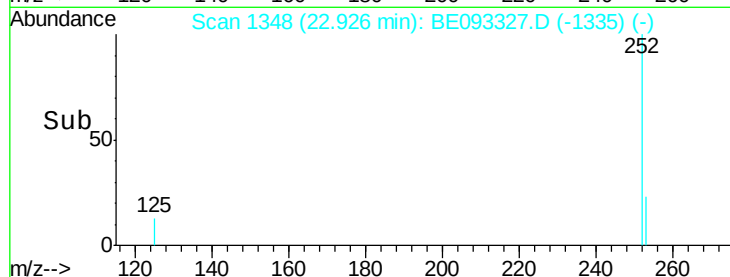
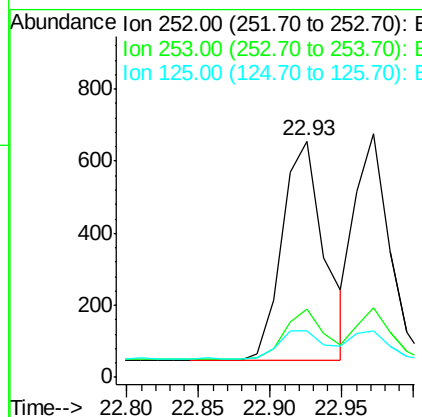
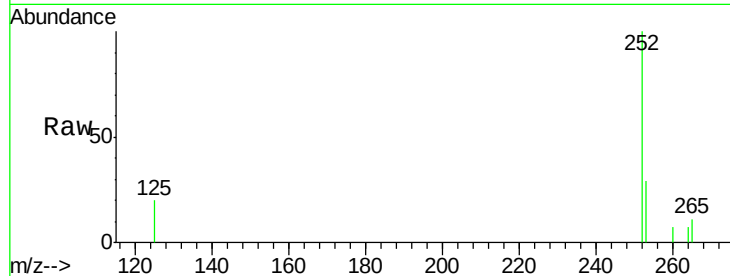
ClientSampleId :

PB99833BS

Tgt Ion:	252	Resp:	1249
Ion Ratio	Lower	Upper	
252	100		
253	28.7	18.5	27.7#
125	19.8	13.4	20.0

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM



#36

Benzo(k)fluoranthene

Concen: 0.317 ng

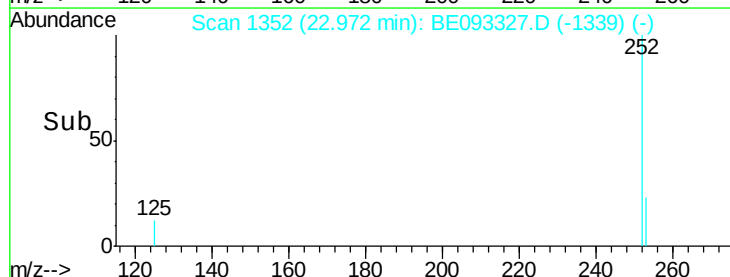
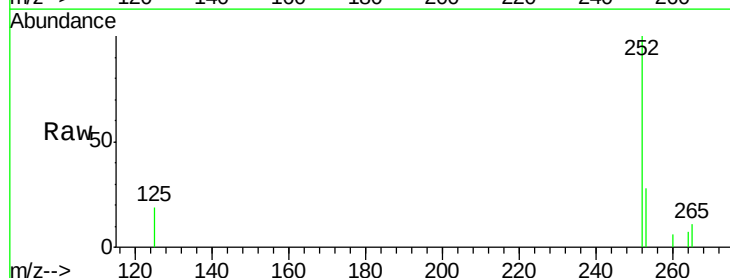
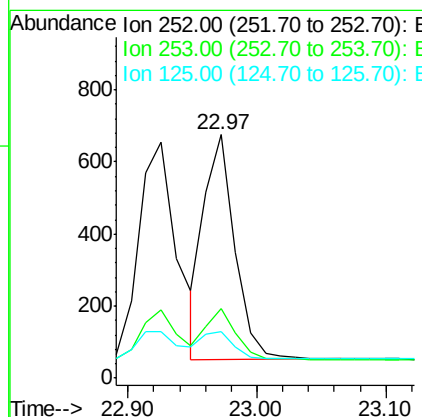
RT: 22.97 min Scan# 1352

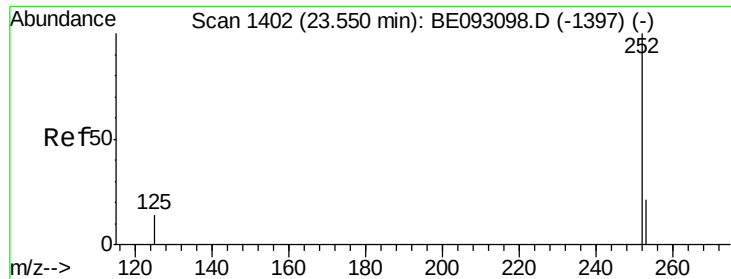
Delta R.T. 0.00 min

Lab File: BE093327.D

Acq: 22 Jun 2017 14:20

Tgt Ion:	252	Resp:	1044
Ion Ratio	Lower	Upper	
252	100		
253	28.4	20.3	30.5
125	19.2	12.2	18.4#





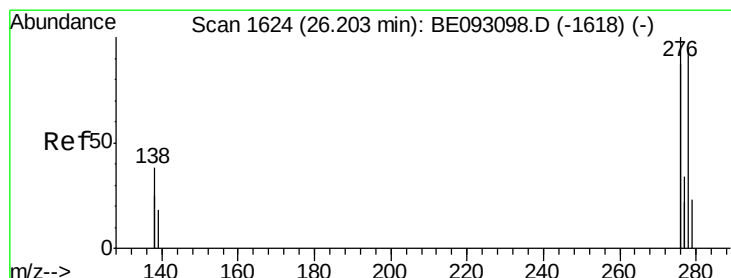
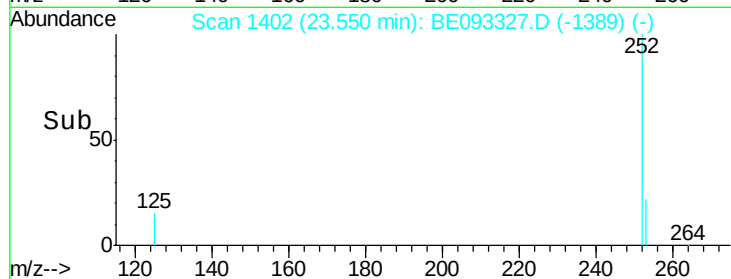
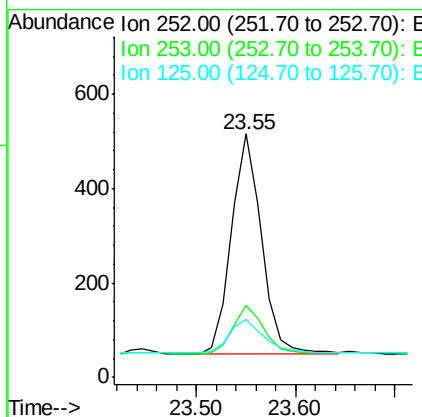
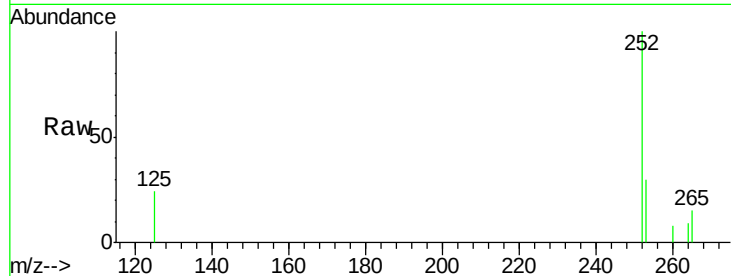
#37
Benzo(a)pyrene
Concen: 0.335 ng
RT: 23.55 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	19.9	29.9
125	23.6	14.6	21.8

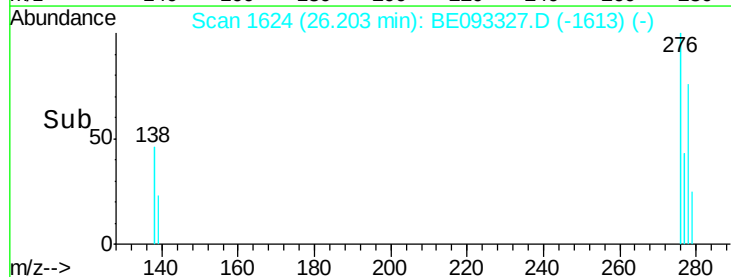
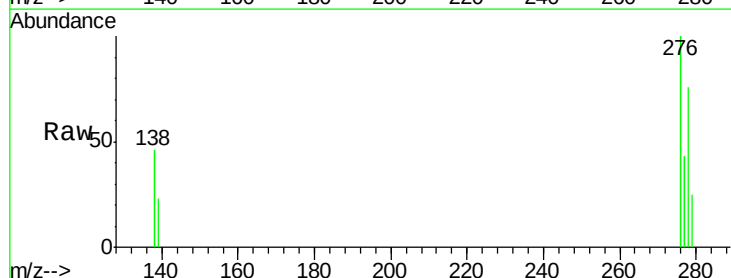
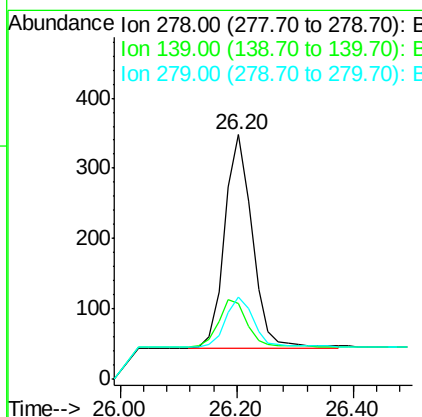
Manual Integrations
APPROVED

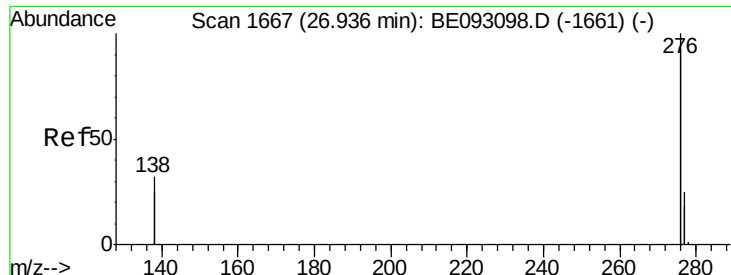
mohammad
6/26/2017 11:29:20 AM



#38
Dibenzo(a,h)anthracene
Concen: 0.328 ng
RT: 26.20 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.7	21.4	32.0
279	33.3	22.2	33.2





#39

Benzo(g,h,i)perylene

Concen: 0.331 ng

RT: 26.95 min Scan# 1668

Delta R.T. 0.02 min

Lab File: BE093327.D

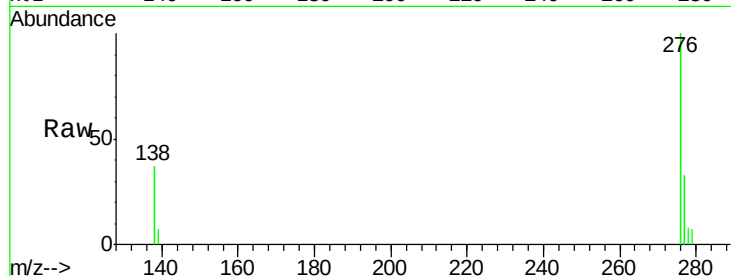
Acq: 22 Jun 2017 14:20

Instrument :

BNA_E

ClientSampleId :

PB99833BS



Tgt Ion: 276 Resp: 4120

Ion Ratio Lower Upper

276 100

277 33.3 21.2 31.8#

138 37.1 24.5 36.7#

Manual Integrations
APPROVED

mohammad
6/26/2017 11:29:20 AM

