

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
 Data File : BE093388.D
 Acq On : 1 Jul 2017 12:22
 Operator : SJ/JU
 Sample : PB99833BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 PB99833BS

Manual Integrations
 APPROVED

mohammad
 7/3/2017 1:14:17 PM

Quant Time: Jul 03 05:23:43 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 15:43:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3473	0.40	ng	-0.01
7) Naphthalene-d8	10.74	136	14598	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	7090	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	19915	0.40	ng	0.00
27) Chrysene-d12	21.43	240	20668	0.40	ng	-0.01
34) Perylene-d12	23.94	264	18995	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	3600	0.33	ng	0.00
5) Phenol-d6	7.10	99	4939	0.31	ng	0.00
8) Nitrobenzene-d5	9.09	82	2971	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	7018	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	706m	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	10281	0.37	ng	0.00
25) Fluoranthene-d10	19.29	212	60495	0.33	ng	0.00
29) Terphenyl-d14	19.88	244	12997	0.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	1598	0.223	ng	# 42
3) n-Nitrosodimethylamine	3.76	42	1573	0.416	ng	# 89
6) bis(2-Chloroethyl)ether	7.36	93	3493	0.307	ng	# 94
9) Naphthalene	10.77	128	48862	0.322	ng	# 74
10) Hexachlorobutadiene	11.08	225	2115	0.347	ng	100
12) 2-Methylnaphthalene	12.38	142	7837	0.303	ng	97
16) Acenaphthylene	14.26	152	9300	0.302	ng	# 88
17) Acenaphthene	14.60	154	7088	0.327	ng	97
18) Fluorene	15.59	166	8753	0.293	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	2748	0.584	ng	# 48
21) Hexachlorobenzene	16.58	284	3775	0.495	ng	# 100
22) Pentachlorophenol	16.91	266	651	0.779	ng	# 77
23) Phenanthrene	17.30	178	20415	0.424	ng	99
24) Anthracene	17.40	178	12436	0.256	ng	94
26) Fluoranthene	19.32	202	16650	0.319	ng	98
28) Pyrene	19.68	202	16735	0.307	ng	# 98
30) Benzo(a)anthracene	21.42	228	17585	0.313	ng	96
31) Chrysene	21.47	228	18424	0.314	ng	95
32) Bis(2-ethylhexyl)phthalate	21.34	149	23521	0.282	ng	# 67
33) Indeno(1,2,3-cd)pyrene	26.59	276	27427	0.477	ng	# 90
35) Benzo(b)fluoranthene	23.17	252	21187	0.355	ng	# 94
36) Benzo(k)fluoranthene	23.22	252	20177	0.337	ng	# 96
37) Benzo(a)pyrene	23.83	252	17318	0.327	ng	# 95
38) Dibenzo(a,h)anthracene	26.62	278	23790	0.441	ng	# 88
39) Benzo(g,h,i)perylene	27.41	276	24129	0.438	ng	# 88

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

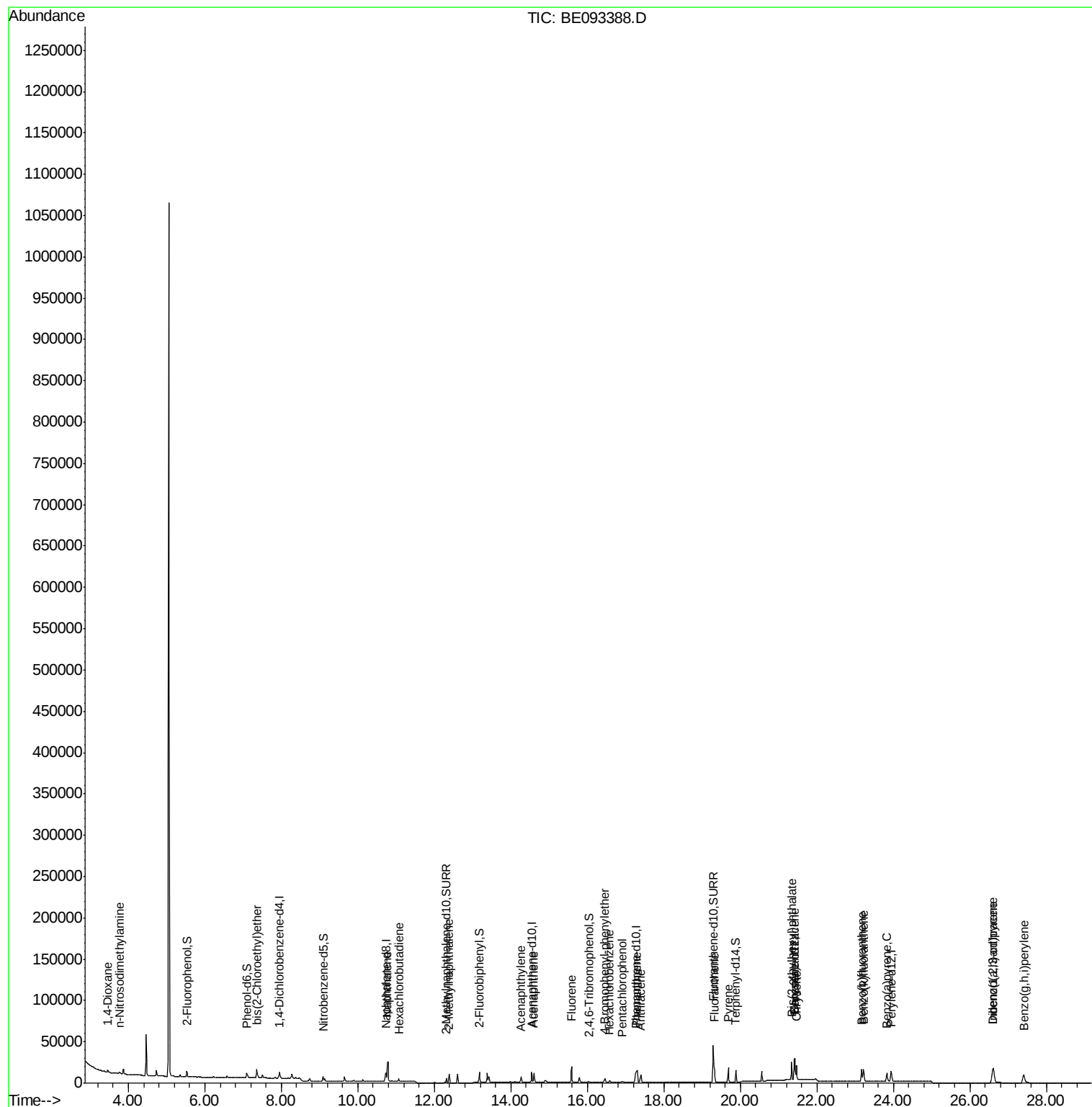
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093388.D
Acq On : 1 Jul 2017 12:22
Operator : SJ/JU
Sample : PB99833BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

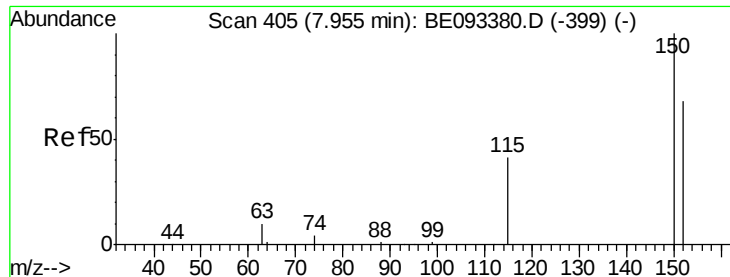
Instrument :
BNA_E
ClientSampleId :
PB99833BS

Manual Integrations
APPROVED

mohammad
7/3/2017 1:14:17 PM

Quant Time: Jul 03 05:23:43 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 15:43:24 2017
Response via : Initial Calibration





#1

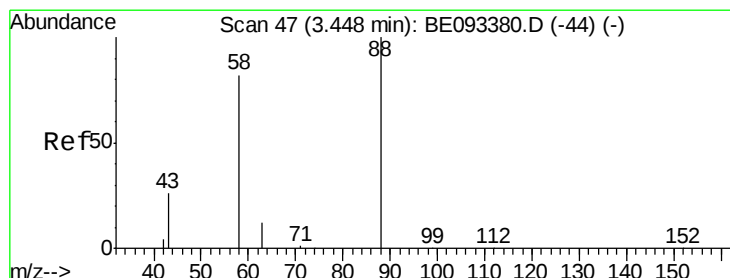
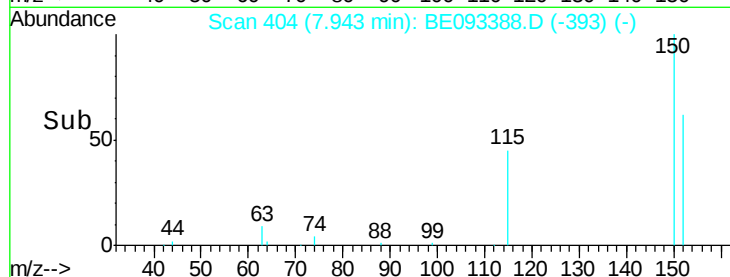
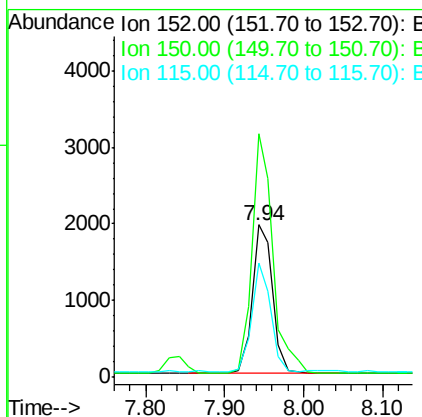
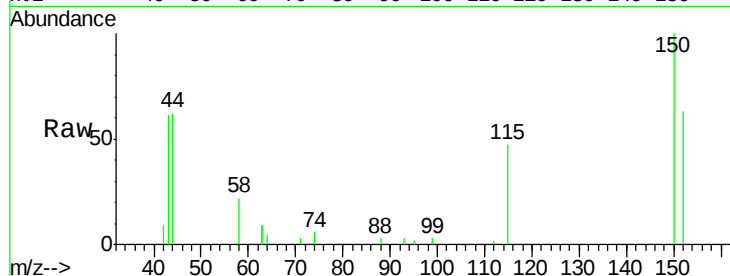
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.01 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.1	187.7
115	74.8	55.7	83.5

Manual Integrations
APPROVED

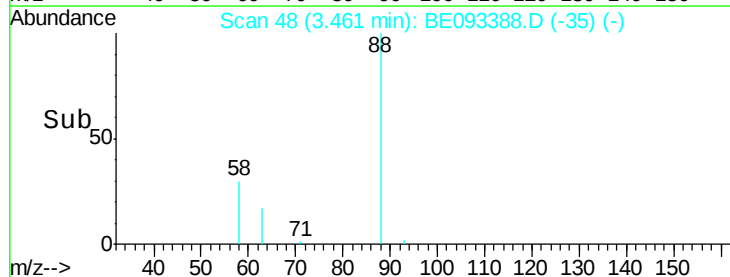
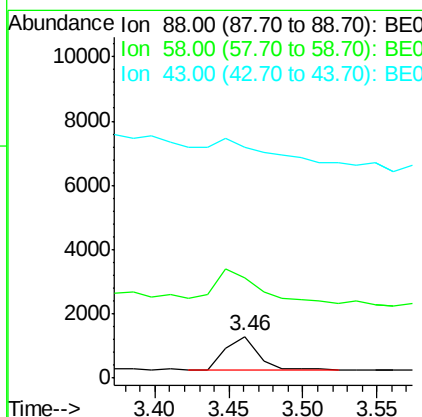
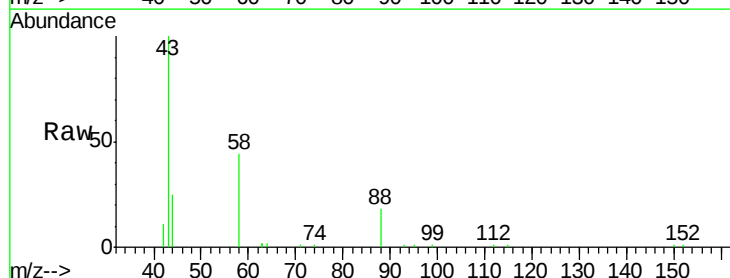
mohammad
7/3/2017 1:14:17 PM

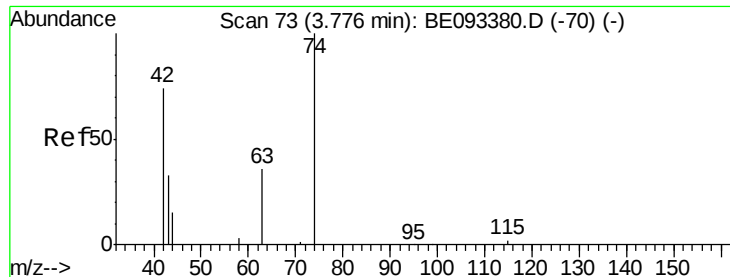


#2

1,4-Dioxane
Concen: 0.223 ng
RT: 3.46 min Scan# 48
Delta R.T. 0.01 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	130.0	62.2	93.4#
43	0.0	23.2	34.8#





#3

n-Nitrosodimethylamine

Concen: 0.416 ng

RT: 3.76 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Instrument :

BNA_E

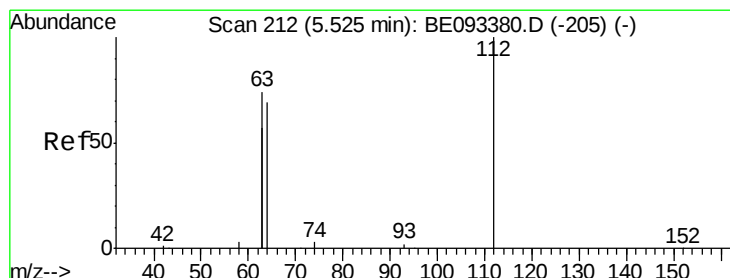
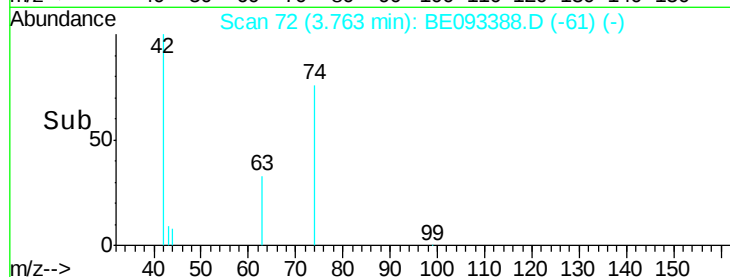
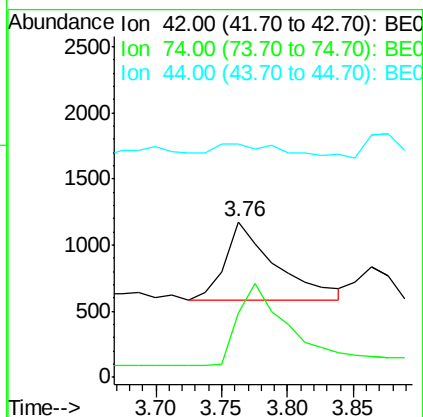
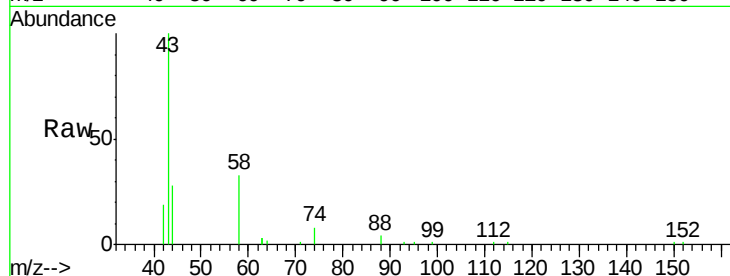
ClientSampleId :

PB99833BS

Tgt Ion:	42	Resp:	1573
Ion Ratio	Lower	Upper	
42	100		
74	111.8	99.1	148.7
44	15.2	7.4	11.2#

Manual Integrations
APPROVED

mohammad
7/3/2017 1:14:17 PM



#4

2-Fluorophenol

Concen: 0.332 ng

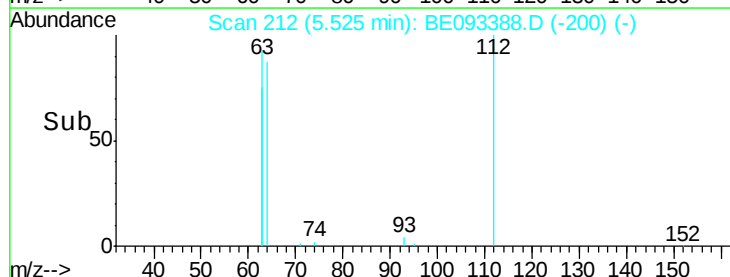
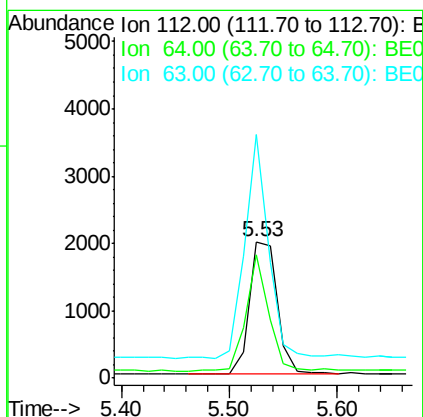
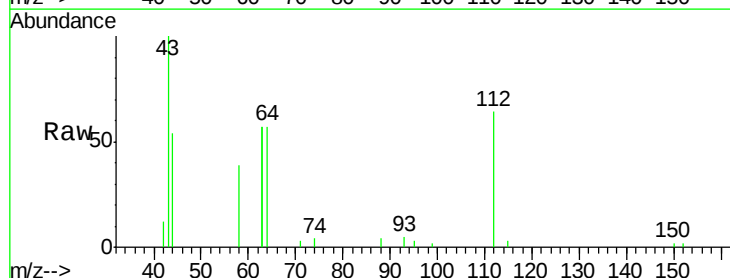
RT: 5.53 min Scan# 212

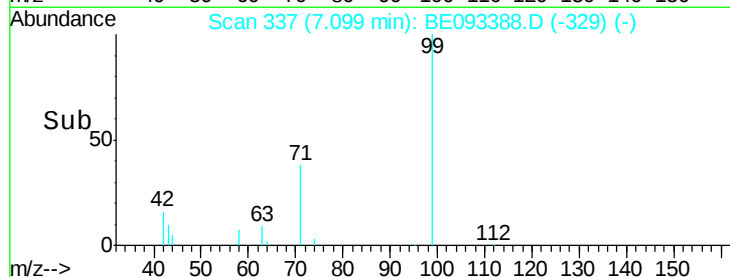
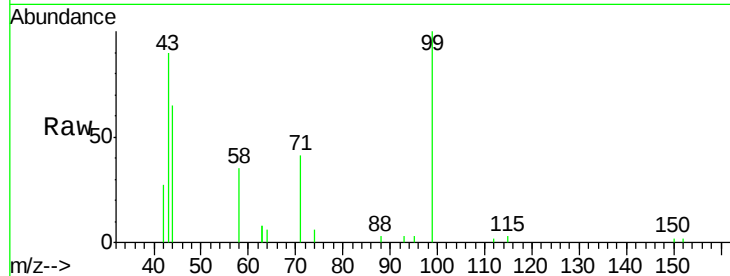
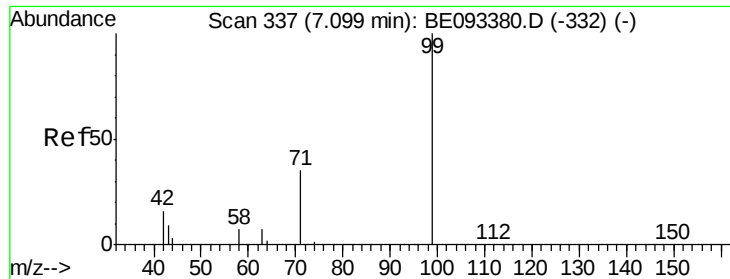
Delta R.T. -0.00 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Tgt Ion:	112	Resp:	3600
Ion Ratio	Lower	Upper	
112	100		
64	71.0	56.4	84.6
63	138.2	29.3	43.9#





#5

Phenol-d6

Concen: 0.306 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Tgt Ion:	99	Resp:	4939
Ion	Ratio	Lower	Upper
99	100		
42	22.0	0.0	0.0#
71	38.6	0.0	0.0#

Instrument :

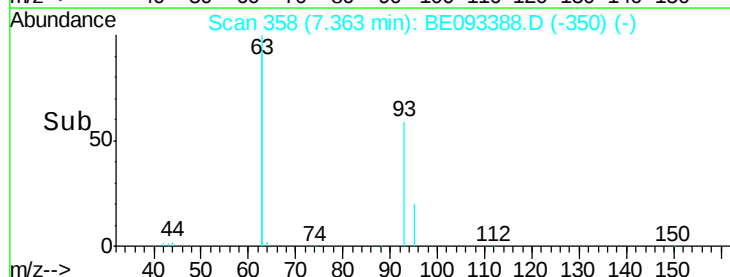
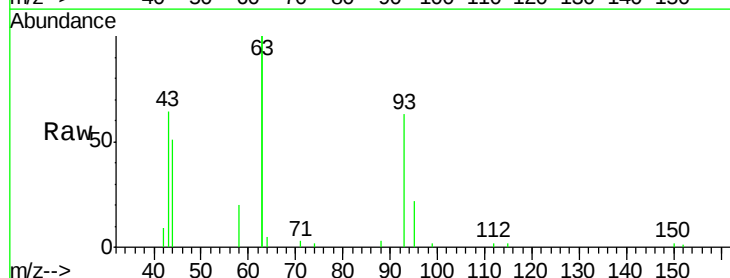
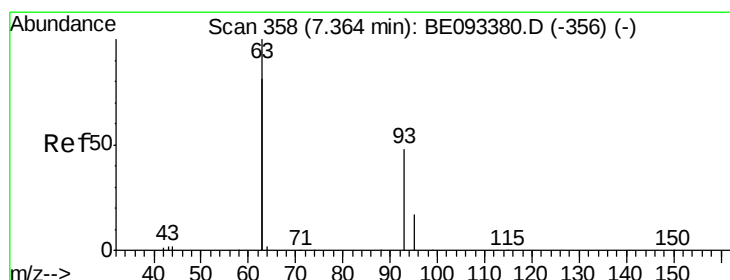
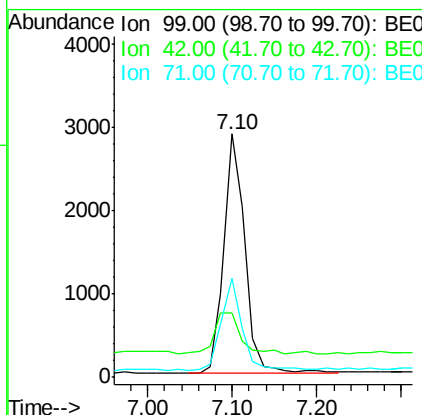
BNA_E

ClientSampleId :

PB99833BS

Manual Integrations
APPROVED

mohammad
7/3/2017 1:14:17 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.307 ng

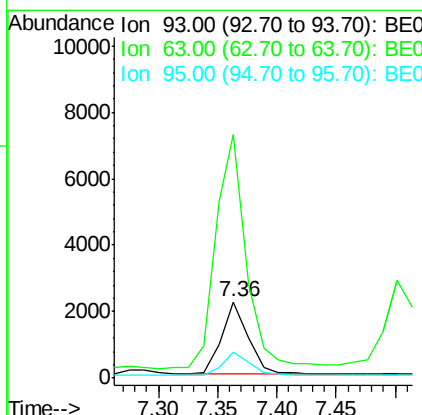
RT: 7.36 min Scan# 358

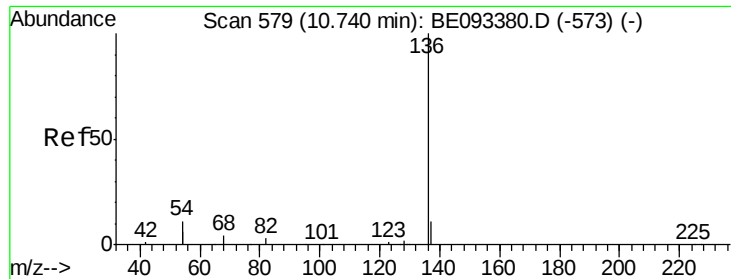
Delta R.T. -0.00 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Tgt Ion:	93	Resp:	3493
Ion	Ratio	Lower	Upper
93	100		
63	360.5	0.0	0.0#
95	35.0	25.4	38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Instrument :

BNA_E

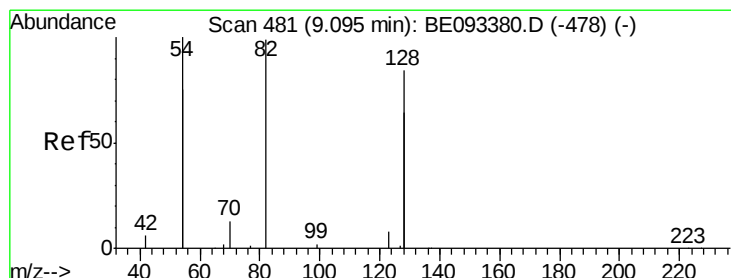
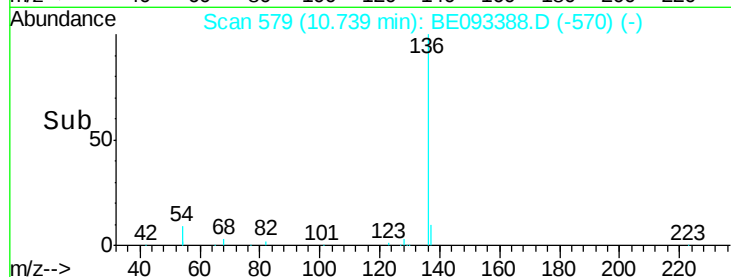
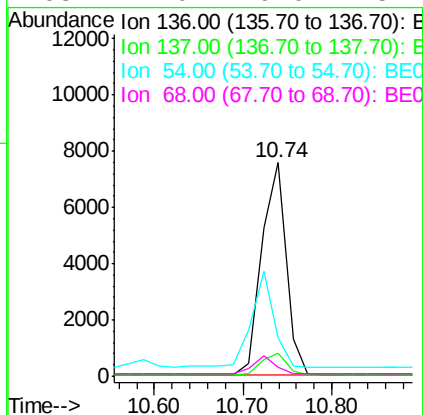
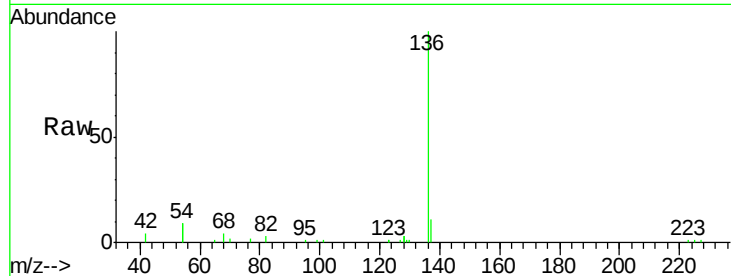
ClientSampleId :

PB99833BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	14598		
137	10.9	9.8	14.8	
54	18.3	10.3	15.5#	
68	4.0	9.0	13.4#	

Manual Integrations
APPROVED

mohammad
7/3/2017 1:14:17 PM



#8

Nitrobenzene-d5

Concen: 0.342 ng

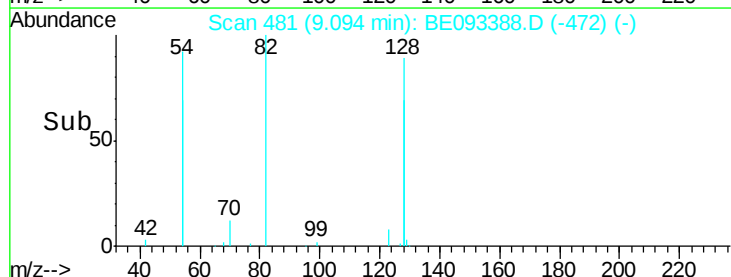
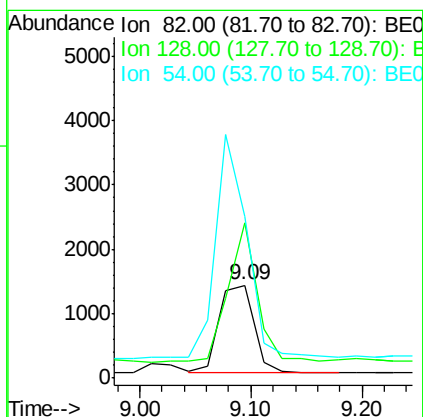
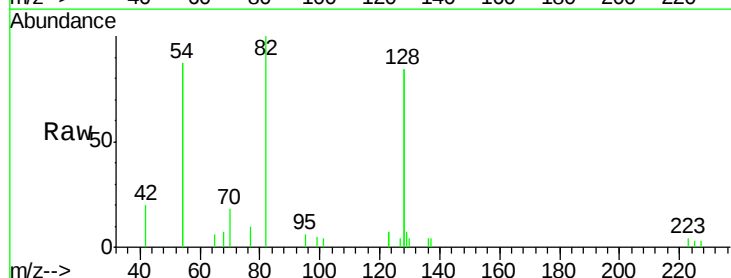
RT: 9.09 min Scan# 481

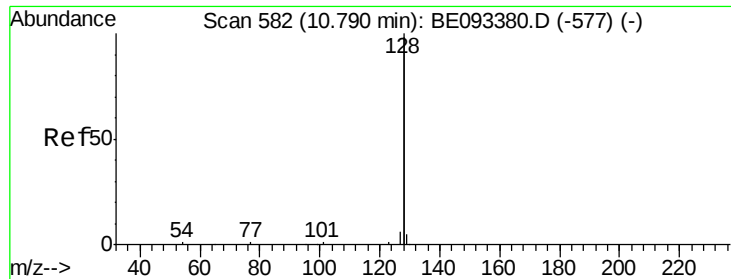
Delta R.T. -0.00 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	2971		
128	167.9	17.0	25.4#	
54	173.9	53.8	80.6#	





#9

Naphthalene

Concen: 0.322 ng

RT: 10.77 min Scan# 581

Delta R.T. -0.02 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Instrument :

BNA_E

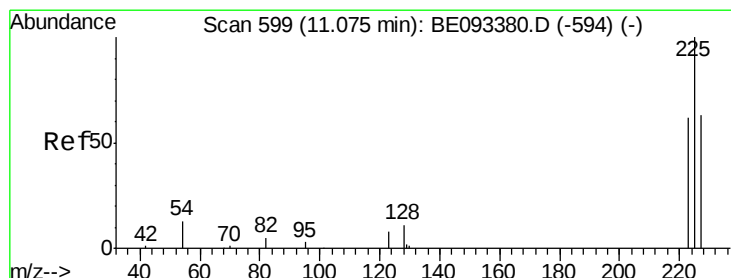
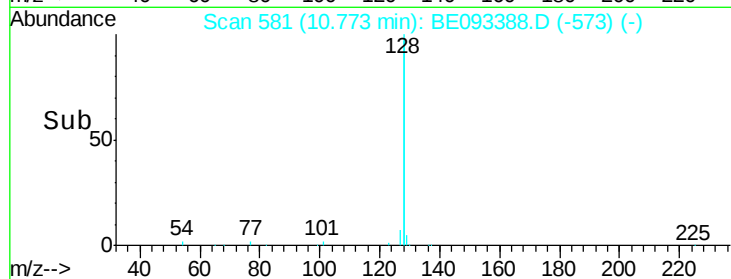
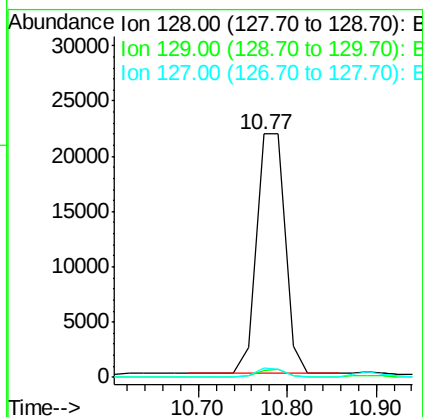
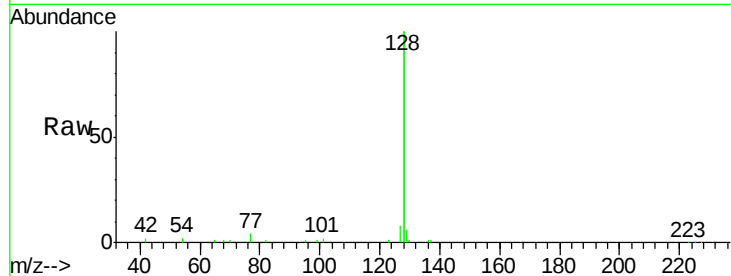
ClientSampleId :

PB99833BS

Tgt Ion:	128	Resp:	48862
Ion Ratio	Lower	Upper	
128	100		
129	3.0	11.4	17.0#
127	3.8	11.2	16.8#

Manual Integrations
APPROVED

mohammad
7/3/2017 1:14:17 PM



#10

Hexachlorobutadiene

Concen: 0.347 ng

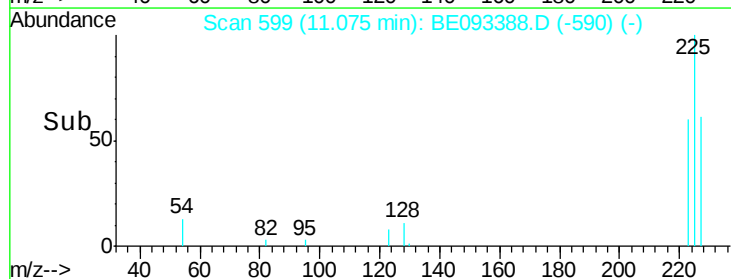
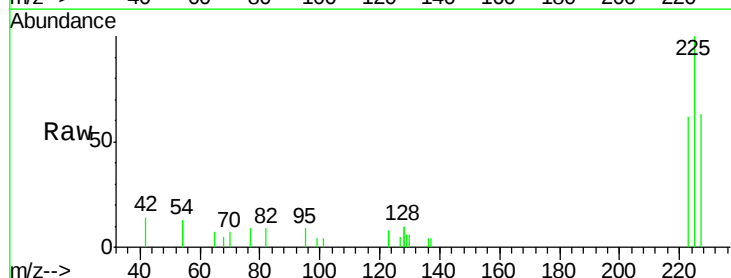
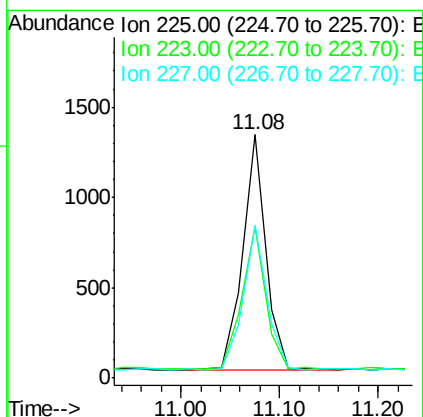
RT: 11.08 min Scan# 599

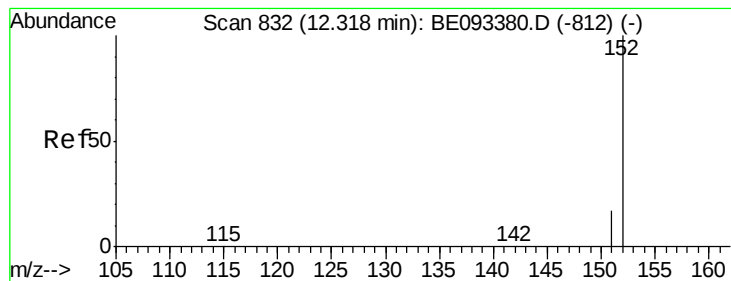
Delta R.T. -0.00 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Tgt Ion:	225	Resp:	2115
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.7	74.5
227	62.6	50.3	75.5





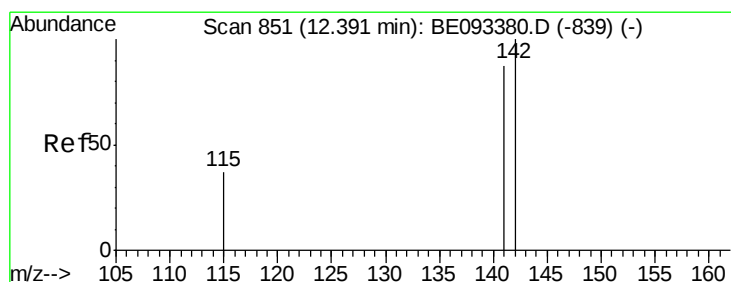
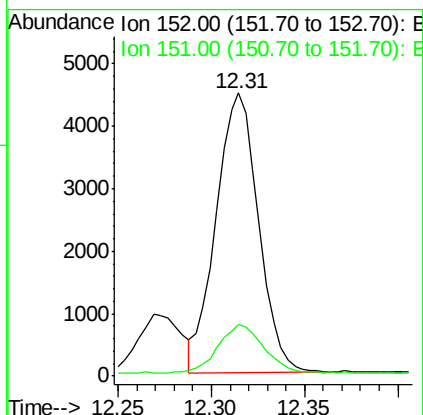
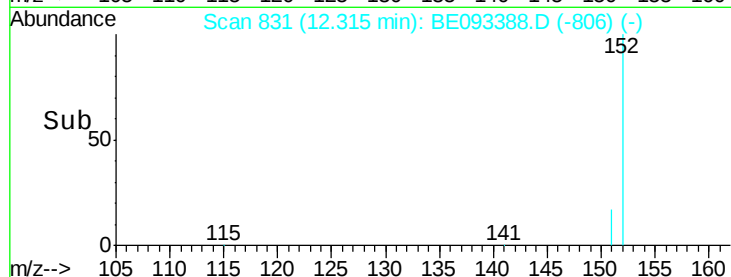
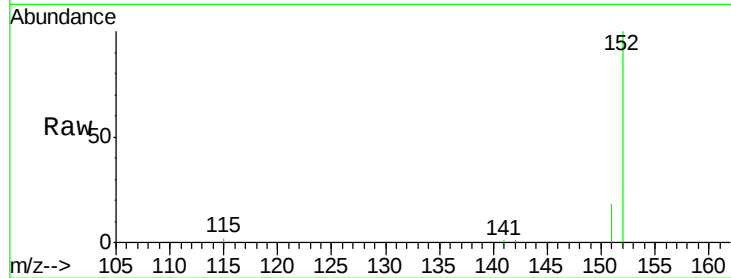
#11
 2-Methylnaphthalene-d10
 Concen: 0.301 ng
 RT: 12.31 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE093388.D
 Acq: 1 Jul 2017 12:22

Instrument :
 BNA_E
 ClientSampleId :
 PB99833BS

Tgt Ion:152 Resp: 7018
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.1 22.7

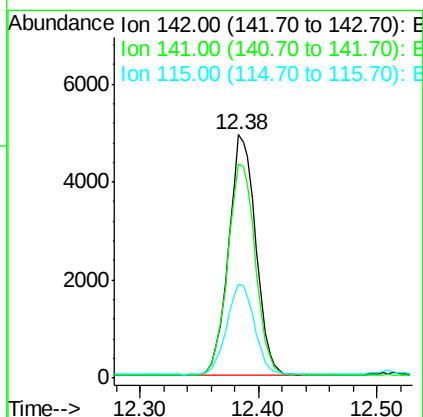
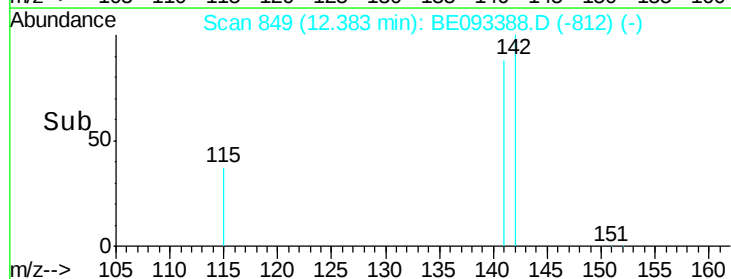
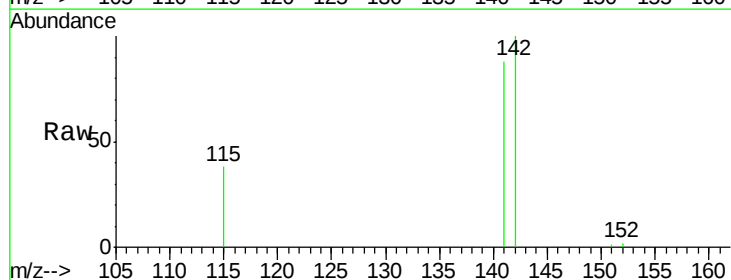
Manual Integrations
 APPROVED

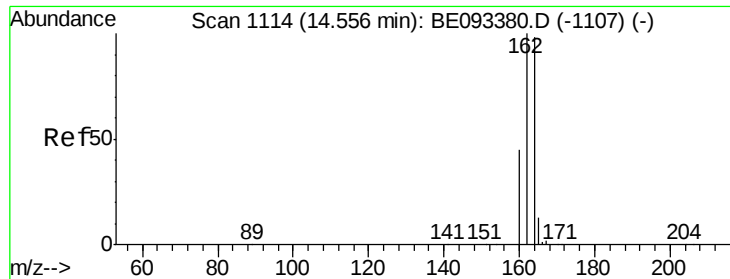
mohammad
 7/3/2017 1:14:17 PM



#12
 2-Methylnaphthalene
 Concen: 0.303 ng
 RT: 12.38 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BE093388.D
 Acq: 1 Jul 2017 12:22

Tgt Ion:142 Resp: 7837
 Ion Ratio Lower Upper
 142 100
 141 87.8 72.6 108.8
 115 38.4 32.2 48.2





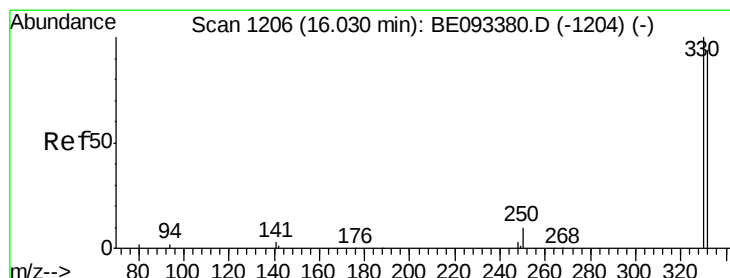
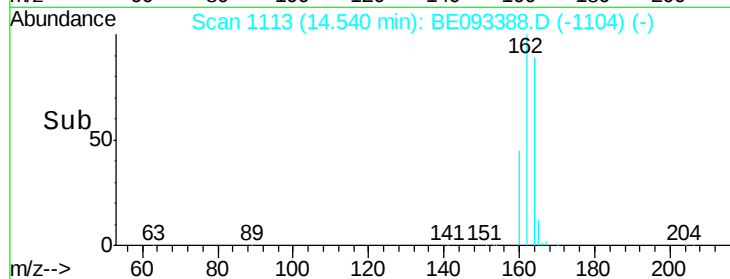
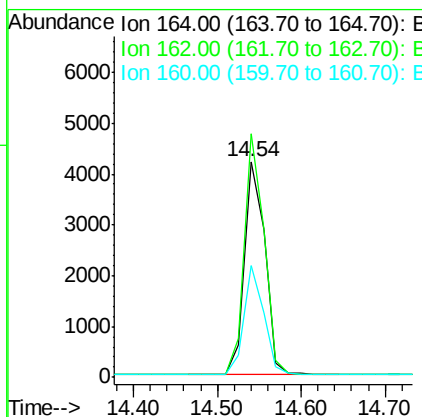
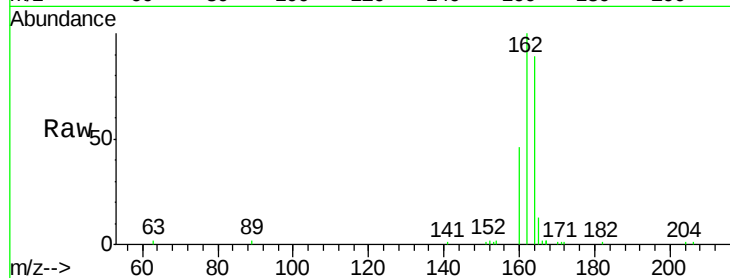
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: BE093388.D
 Acq: 1 Jul 2017 12:22

Instrument :
 BNA_E
 ClientSampleId :
 PB99833BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	112.7	84.6	127.0
160	51.7	41.8	62.6

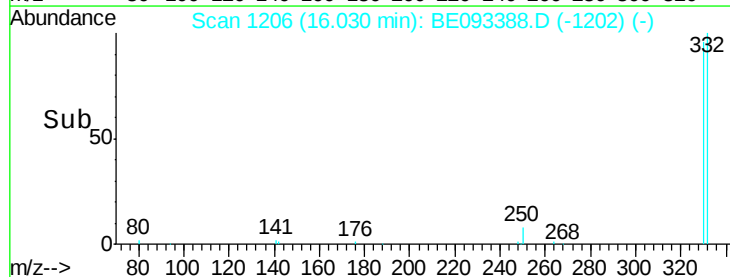
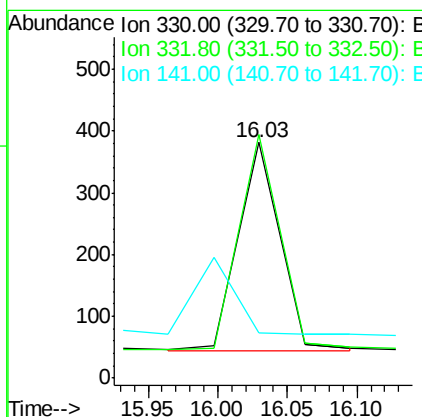
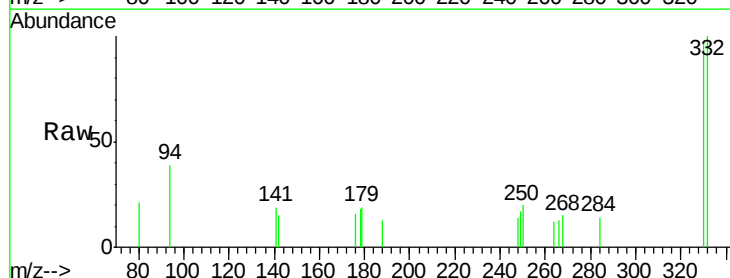
Manual Integrations
 APPROVED

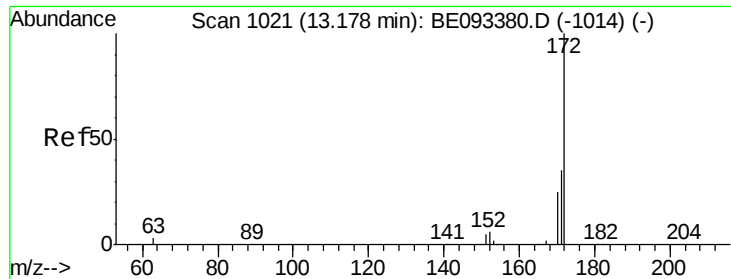
mohammad
 7/3/2017 1:14:17 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.289 ng m
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093388.D
 Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.7	116.5#
141	0.0	56.2	84.4#





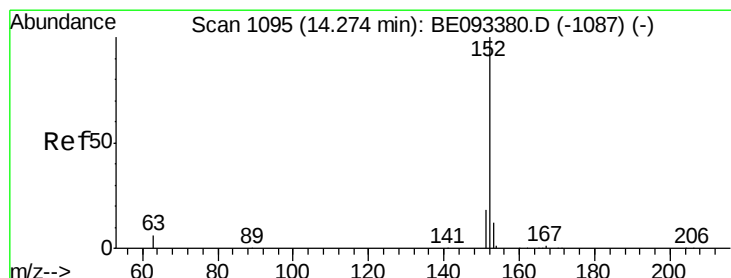
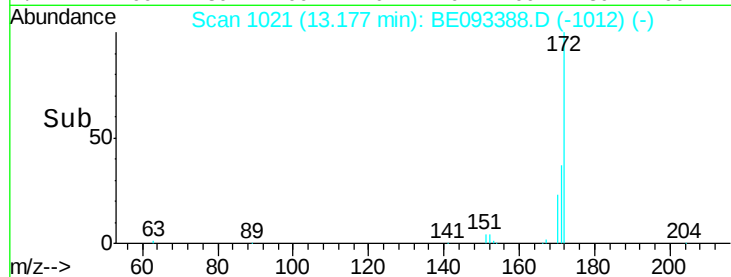
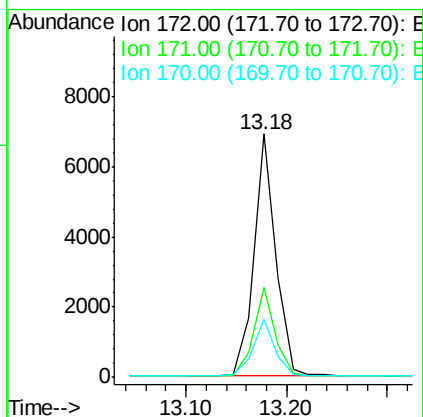
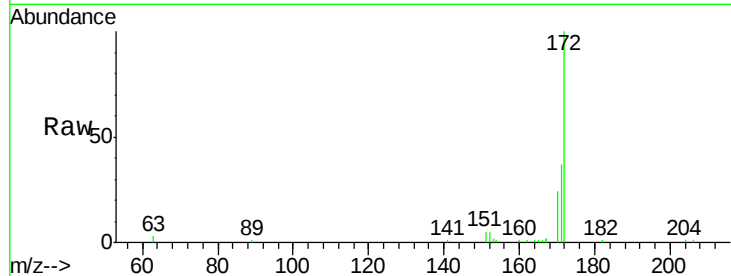
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	23.8	20.7	31.1

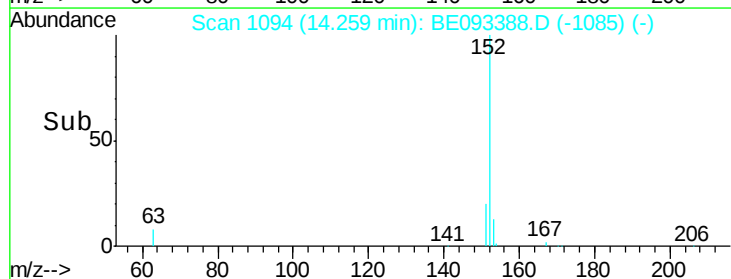
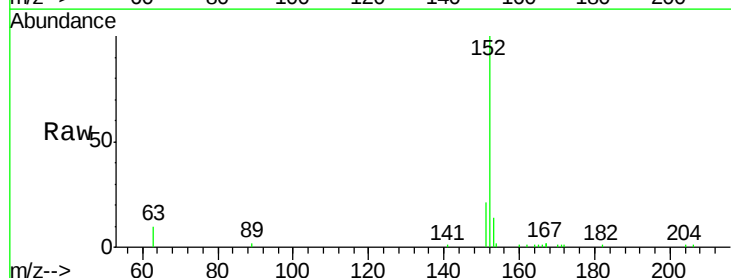
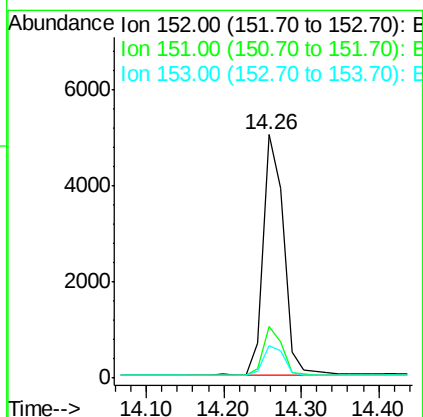
Manual Integrations
APPROVED

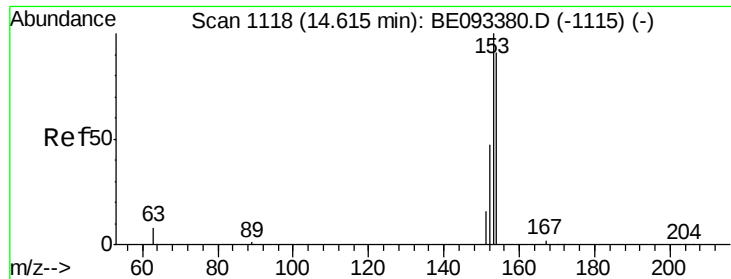
mohammad
7/3/2017 1:14:17 PM



#16
Acenaphthylene
Concen: 0.302 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	4.0	6.0#
153	12.8	10.3	15.5





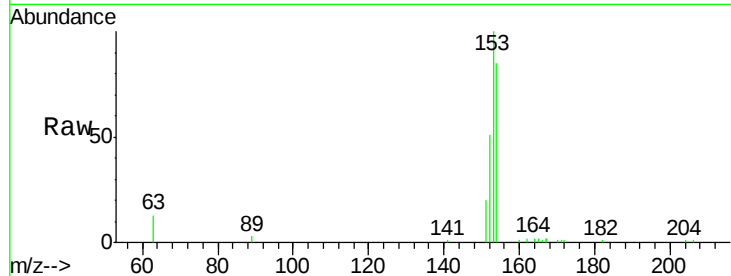
#17
Acenaphthene
Concen: 0.327 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Instrument :
BNA_E
ClientSampleId :
PB99833BS

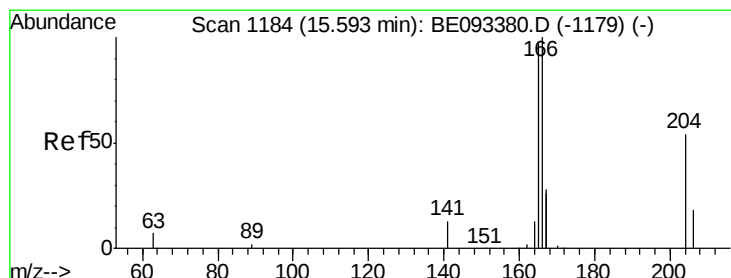
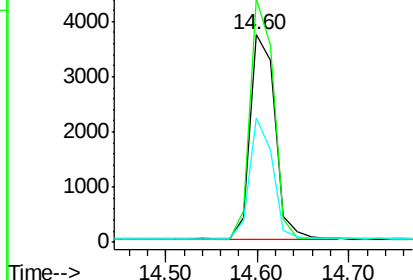
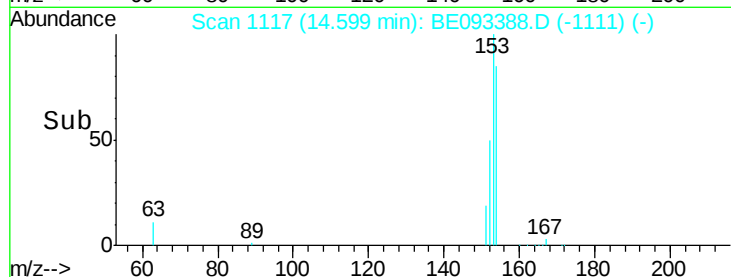
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	91.2	136.8
152	53.9	44.8	67.2

Manual Integrations
APPROVED

mohammad
7/3/2017 1:14:17 PM

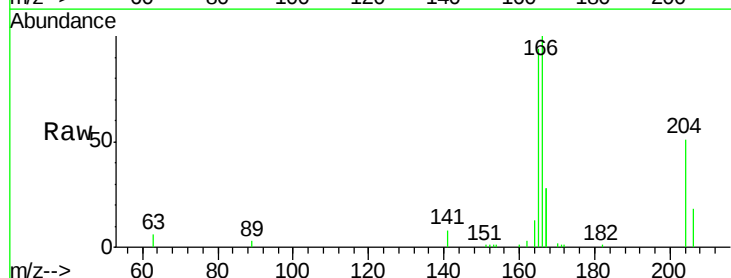


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

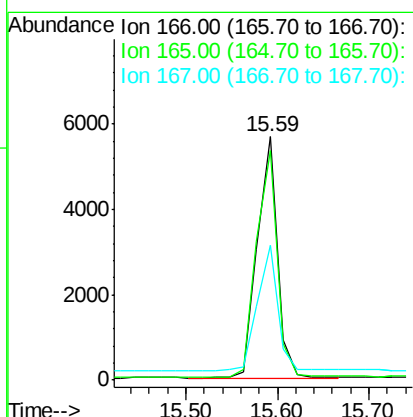
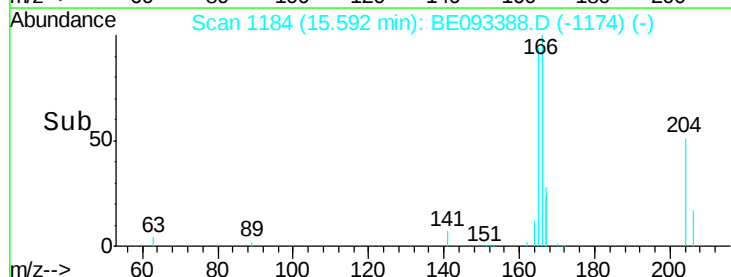


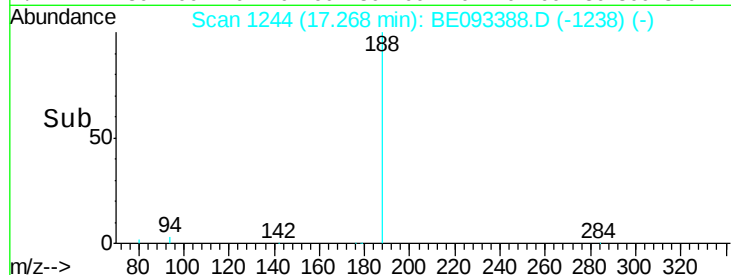
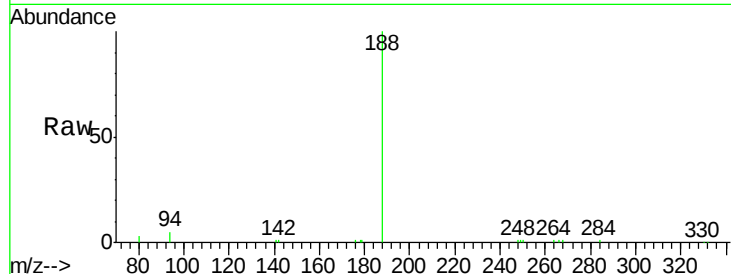
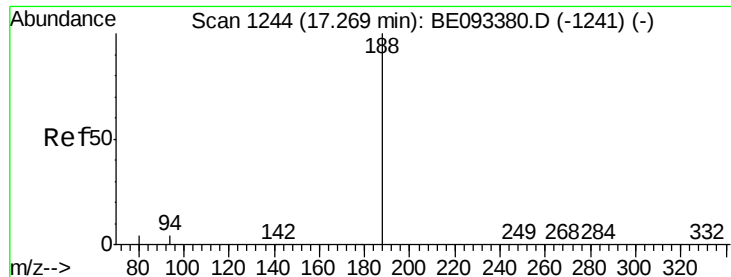
#18
Fluorene
Concen: 0.293 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	52.1	11.1	16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





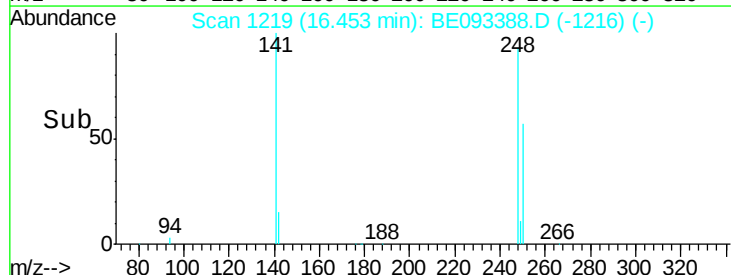
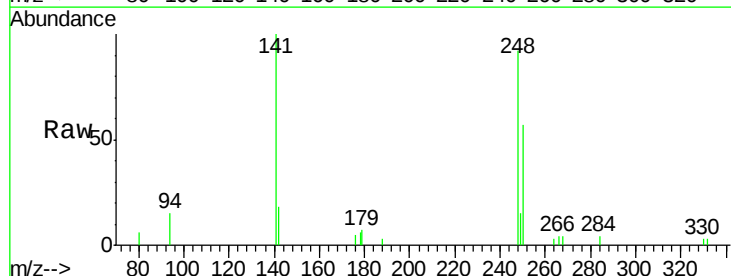
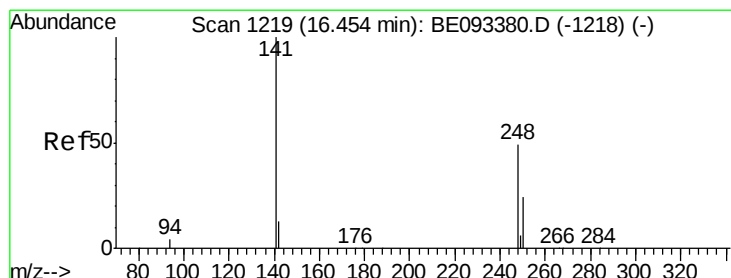
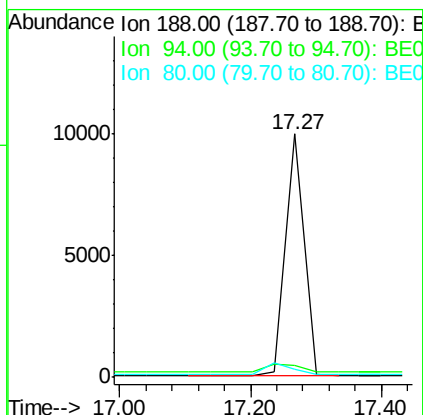
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.1	11.3	16.9#
80	3.3	11.7	17.5#

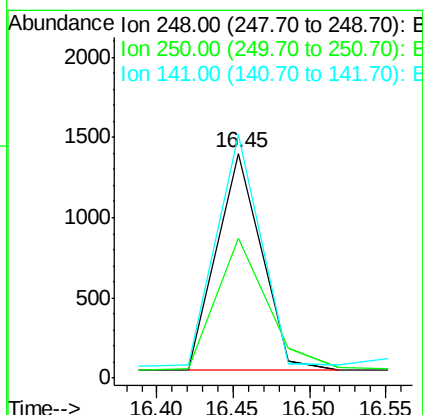
Manual Integrations
APPROVED

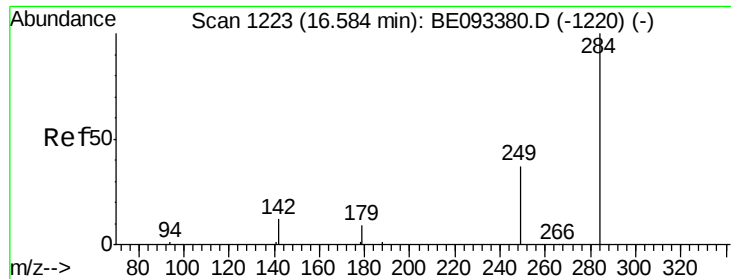
mohammad
7/3/2017 1:14:17 PM



#20
4-Bromophenyl-phenylether
Concen: 0.584 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	62.2	40.8	61.2#
141	108.5	161.6	242.4#





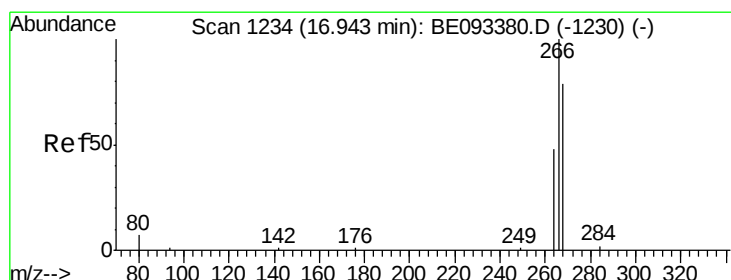
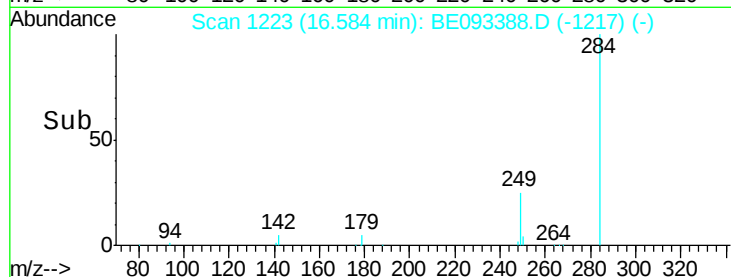
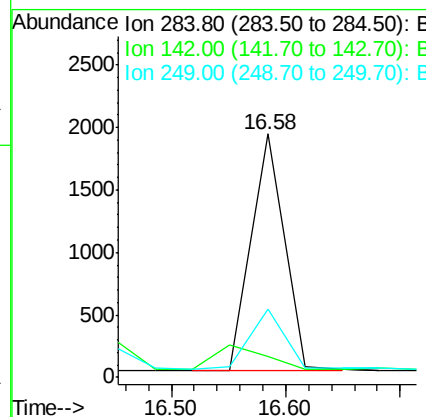
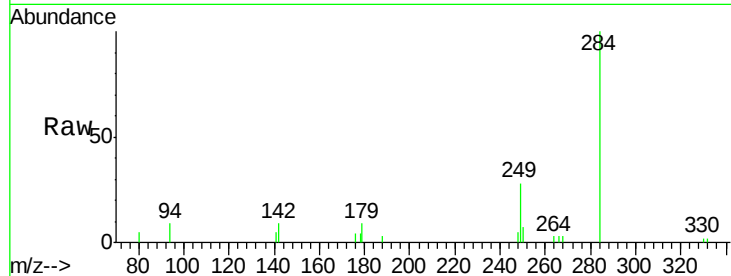
#21
Hexachlorobenzene
Concen: 0.495 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	0.0	0.0	0.0
249	26.1	0.0	0.0#

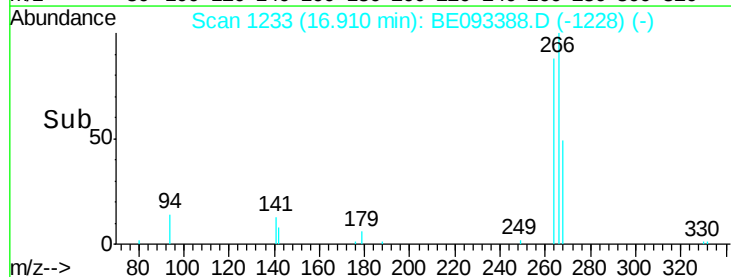
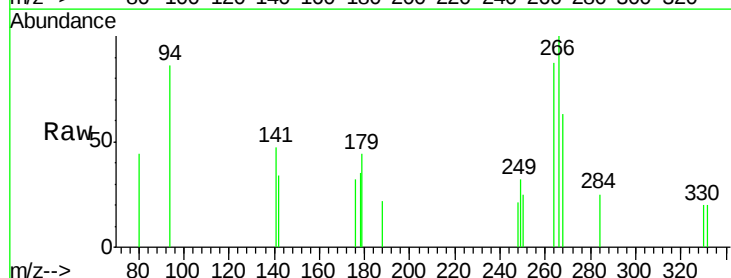
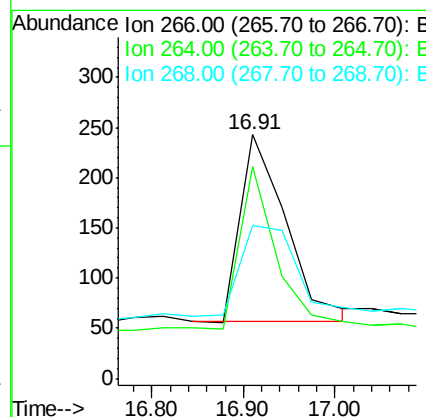
Manual Integrations
APPROVED

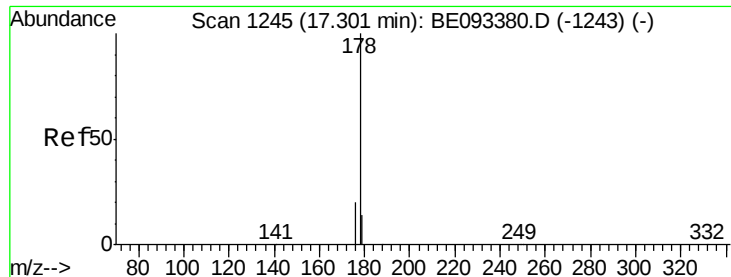
mohammad
7/3/2017 1:14:17 PM



#22
Pentachlorophenol
Concen: 0.779 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	86.8	58.2	87.2
268	63.0	71.9	107.9#





#23

Phenanthrene

Concen: 0.424 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Instrument :

BNA_E

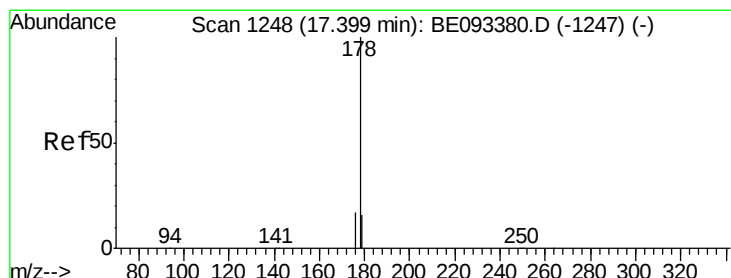
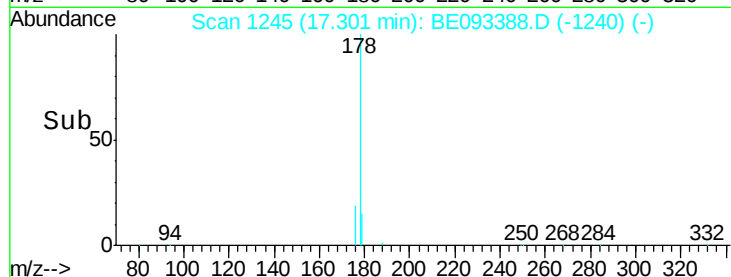
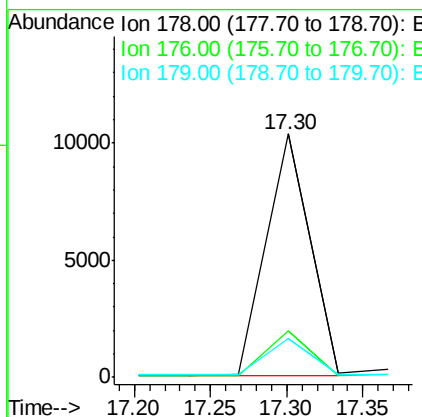
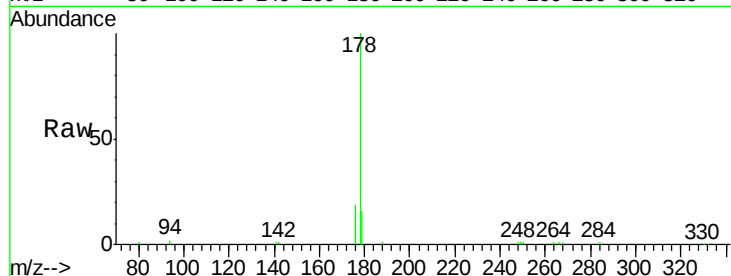
ClientSampleId :

PB99833BS

Tgt Ion:	178	Resp:	20415
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.0	22.4
179	15.3	12.7	19.1

Manual Integrations
APPROVED

mohammad
7/3/2017 1:14:17 PM



#24

Anthracene

Concen: 0.256 ng

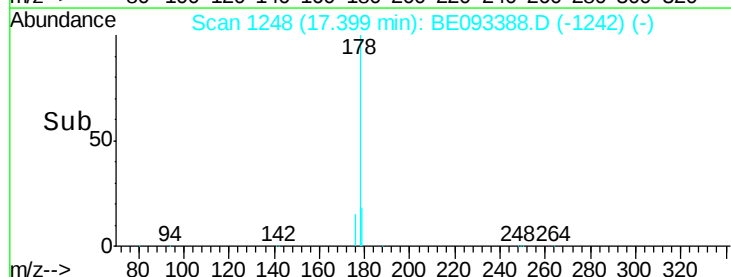
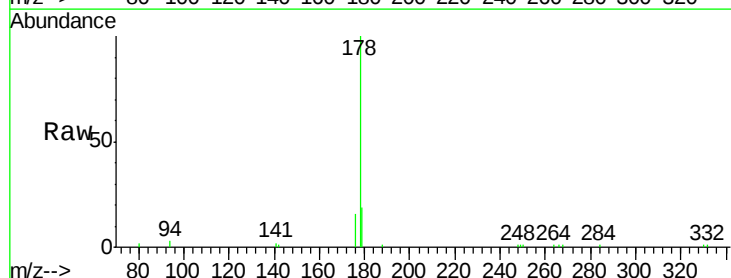
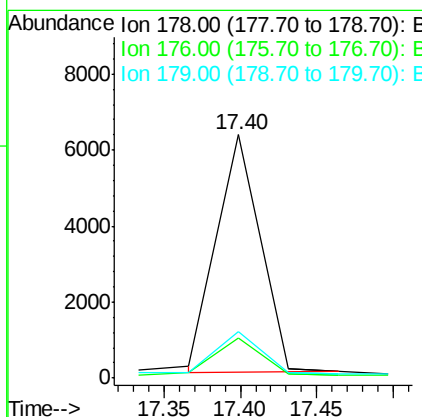
RT: 17.40 min Scan# 1248

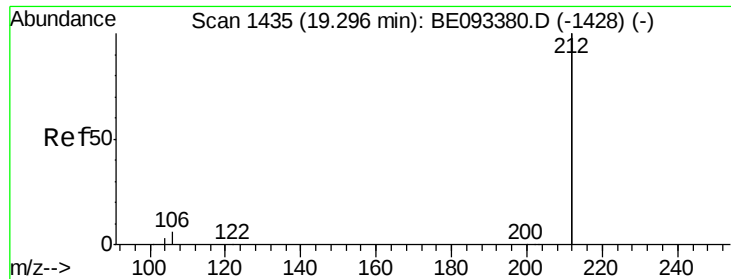
Delta R.T. -0.00 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Tgt Ion:	178	Resp:	12436
Ion Ratio	Lower	Upper	
178	100		
176	15.6	14.6	22.0
179	17.5	12.0	18.0





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Instrument :

BNA_E

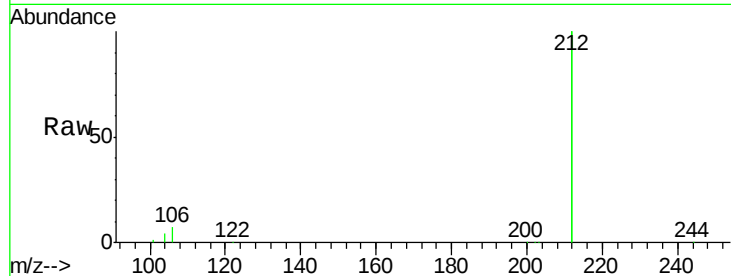
ClientSampleId :

PB99833BS

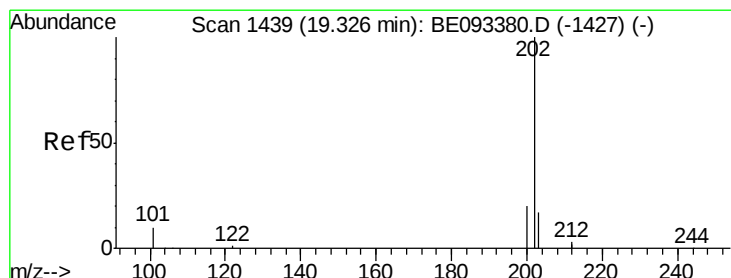
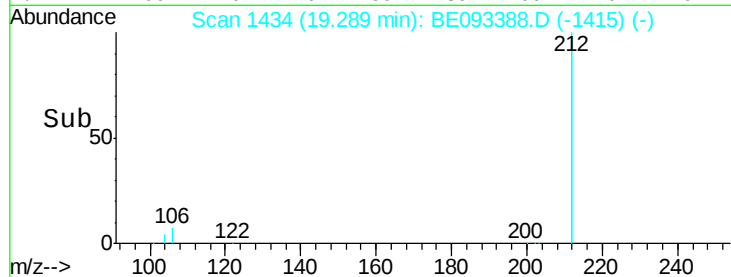
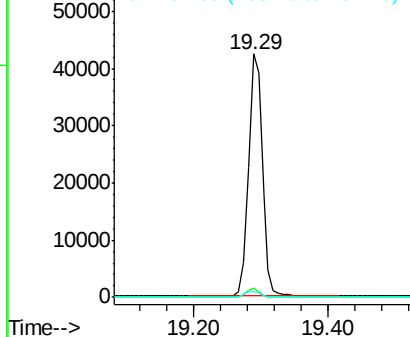
Tgt Ion:	212	Resp:	60495
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.4	3.6
104	1.9	1.6	2.4

Manual Integrations
APPROVED

mohammad
7/3/2017 1:14:17 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: 0.319 ng

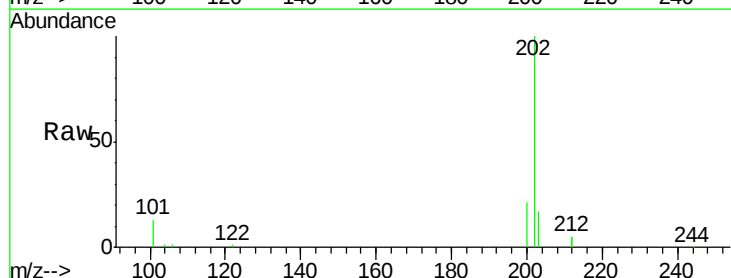
RT: 19.32 min Scan# 1438

Delta R.T. -0.01 min

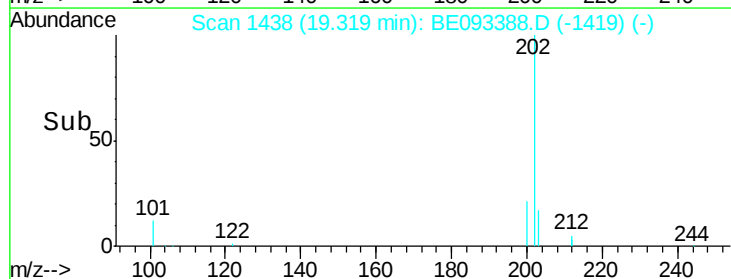
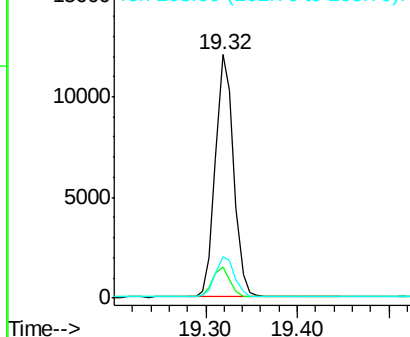
Lab File: BE093388.D

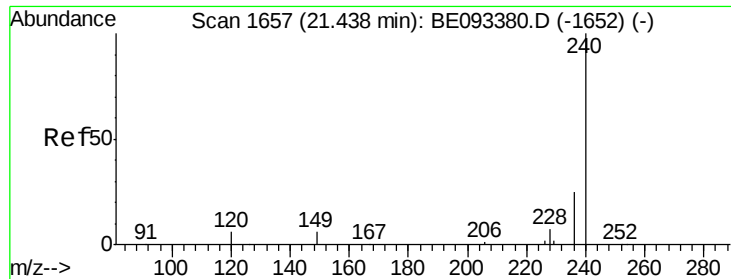
Acq: 1 Jul 2017 12:22

Tgt Ion:	202	Resp:	16650
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.6	14.4
203	16.9	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





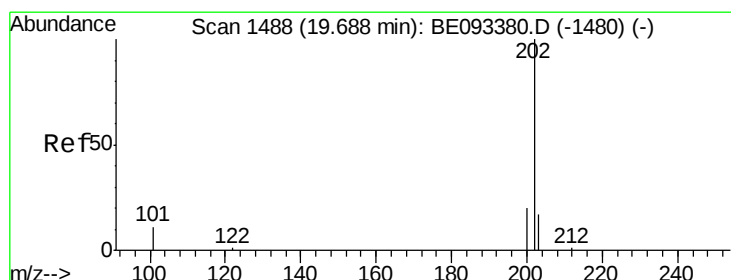
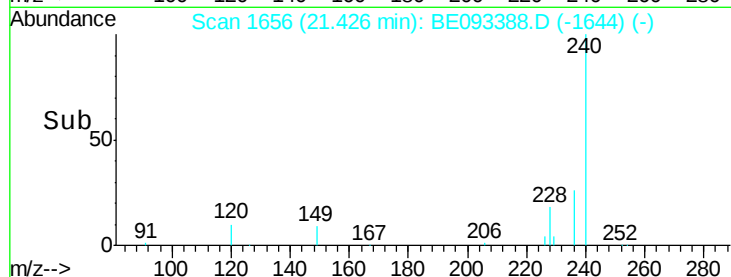
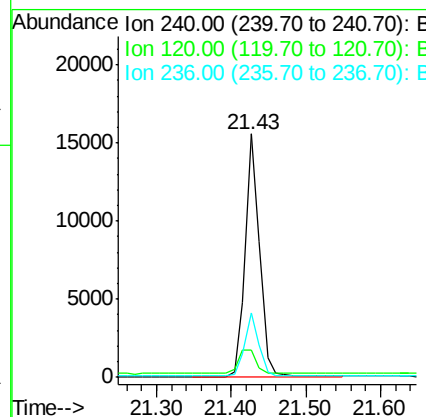
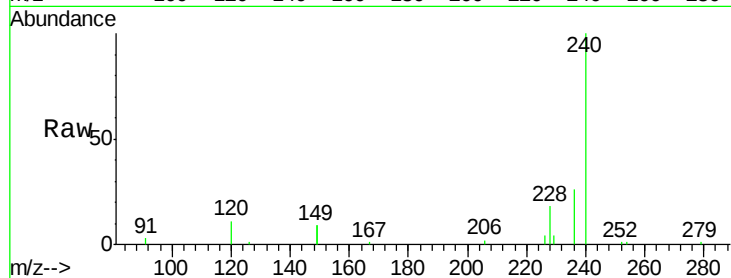
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion: 240 Resp: 20668
Ion Ratio Lower Upper
240 100
120 11.3 4.6 7.0#
236 26.5 20.8 31.2

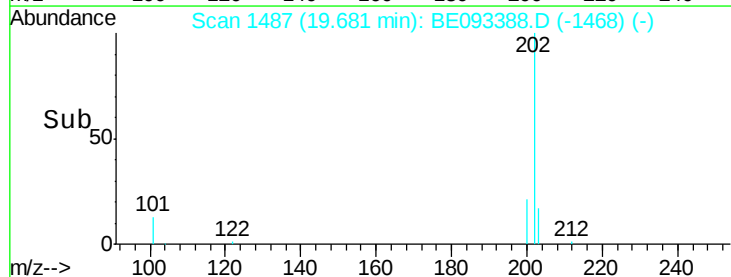
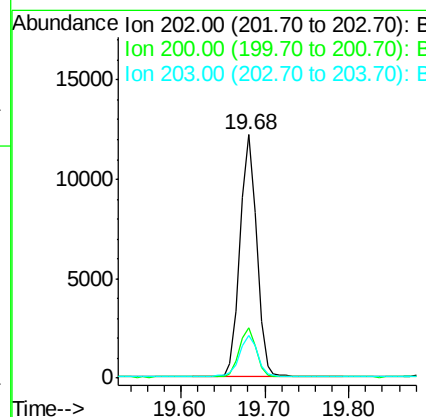
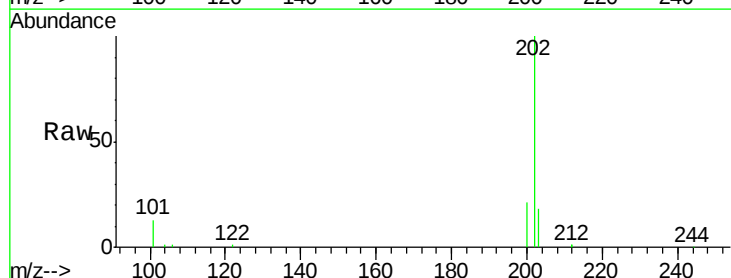
Manual Integrations
APPROVED

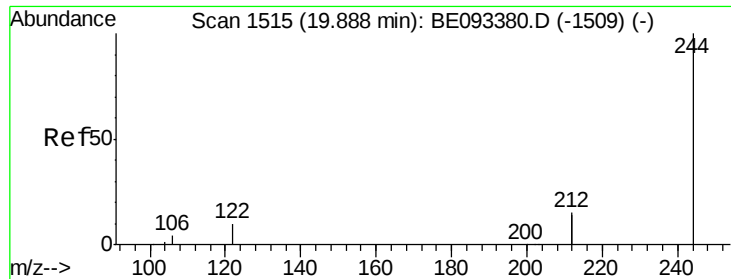
mohammad
7/3/2017 1:14:17 PM



#28
Pyrene
Concen: 0.307 ng
RT: 19.68 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

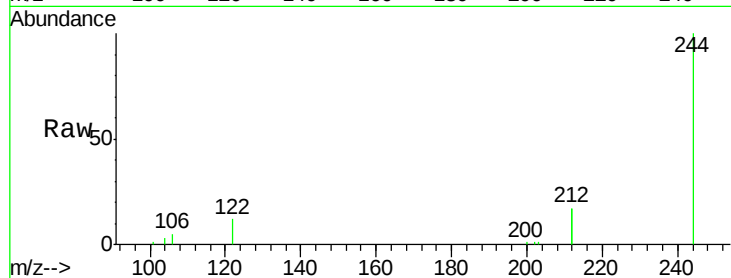
Tgt Ion: 202 Resp: 16735
Ion Ratio Lower Upper
202 100
200 20.7 0.0 0.0#
203 18.1 13.7 20.5





#29
 Terphenyl-d14
 Concen: 0.339 ng
 RT: 19.88 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BE093388.D
 Acq: 1 Jul 2017 12:22

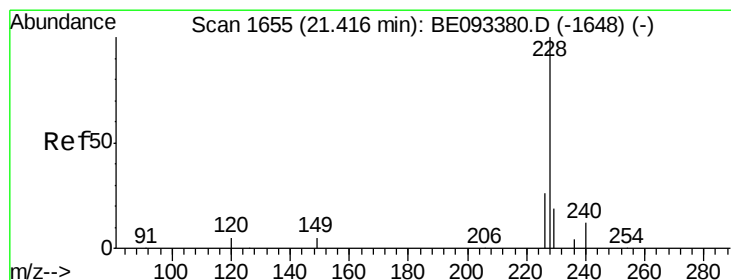
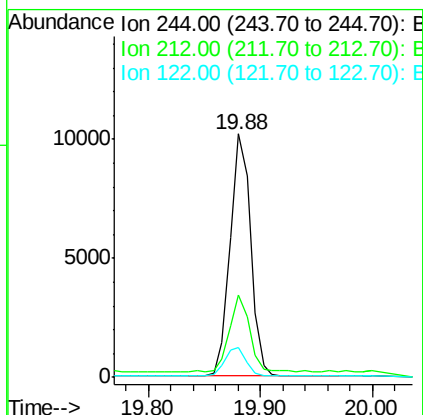
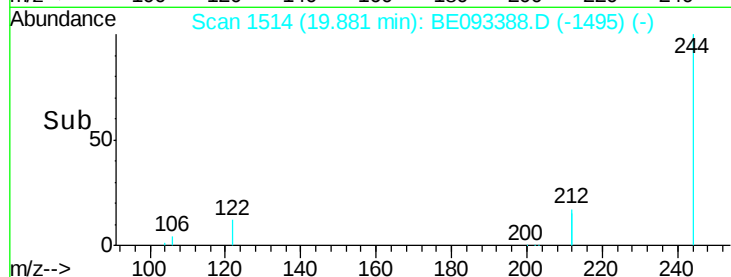
Instrument :
 BNA_E
 ClientSampled :
 PB99833BS



Tgt Ion	Ratio	Resp	Lower	Upper
244	100	12997		
212	34.0	10.6	16.0	
122	12.2	15.4	23.0	

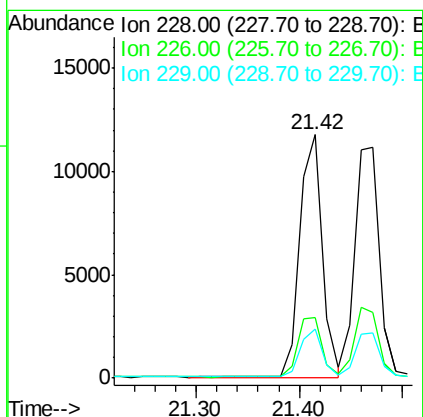
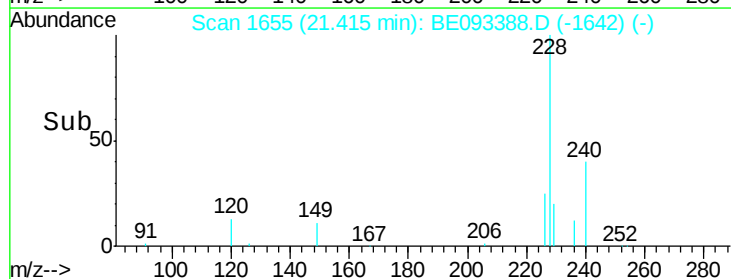
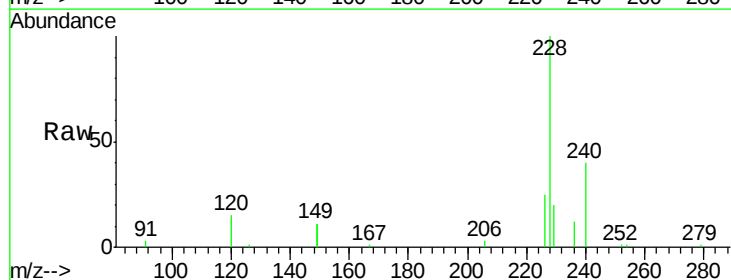
Manual Integrations
 APPROVED

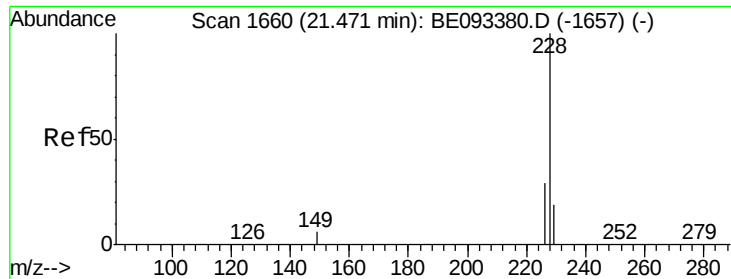
mohammad
 7/3/2017 1:14:17 PM



#30
 Benzo(a)anthracene
 Concen: 0.313 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BE093388.D
 Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	17585		
226	25.0	19.7	29.5	
229	20.1	19.2	28.8	





#31

Chrysene

Concen: 0.314 ng

RT: 21.47 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Instrument :

BNA_E

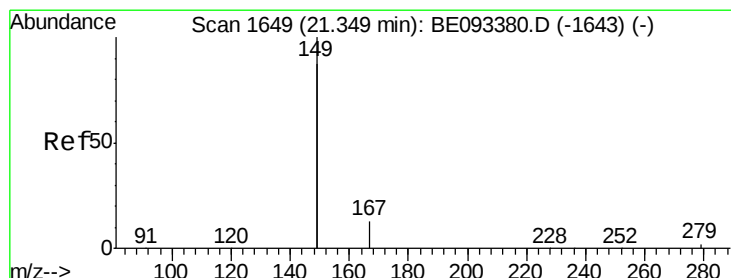
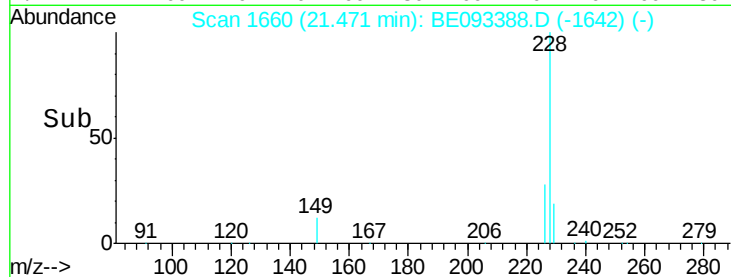
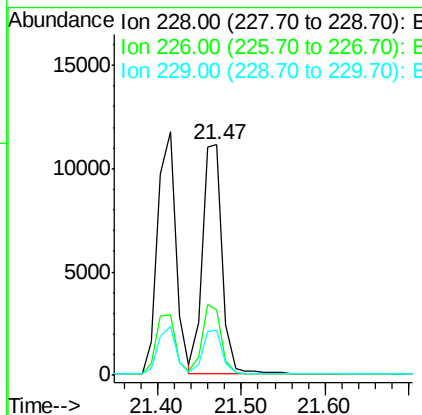
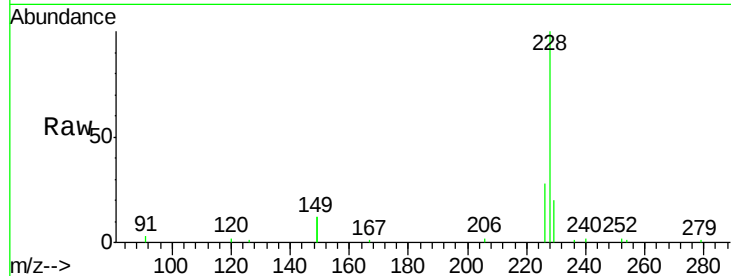
ClientSampleId :

PB99833BS

Tgt Ion:	228	Resp:	18424
Ion Ratio	Lower	Upper	
228	100		
226	28.4	21.5	32.3
229	19.9	18.6	28.0

Manual Integrations
APPROVED

mohammad
7/3/2017 1:14:17 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.282 ng

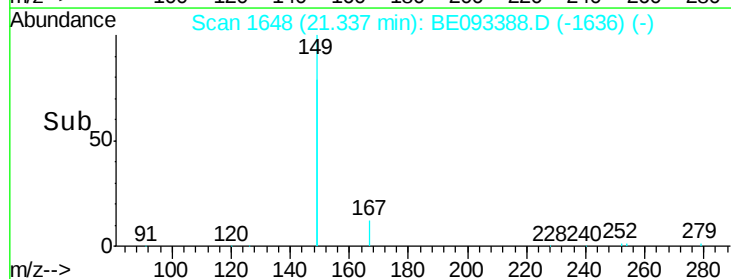
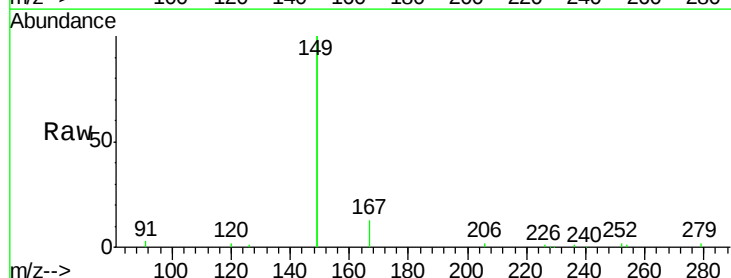
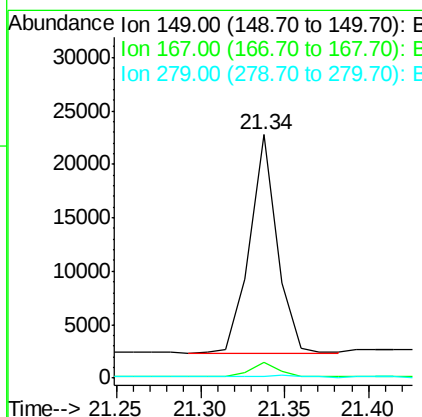
RT: 21.34 min Scan# 1648

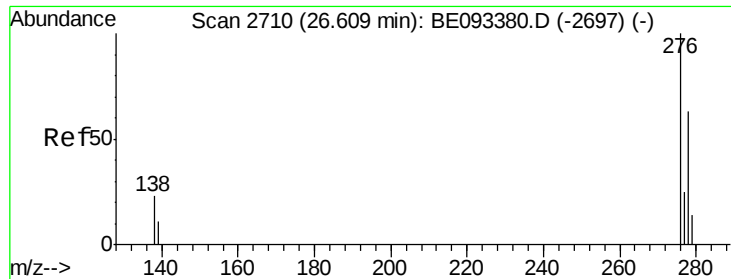
Delta R.T. -0.01 min

Lab File: BE093388.D

Acq: 1 Jul 2017 12:22

Tgt Ion:	149	Resp:	23521
Ion Ratio	Lower	Upper	
149	100		
167	6.7	20.1	30.1#
279	1.0	2.2	3.4#





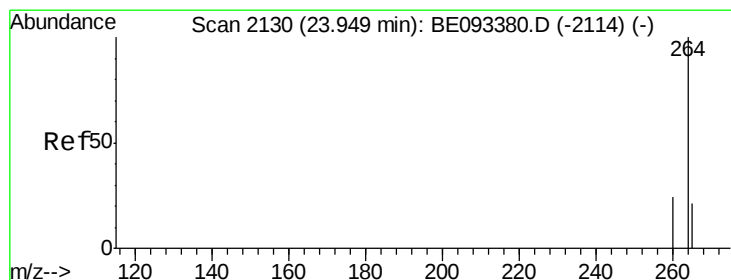
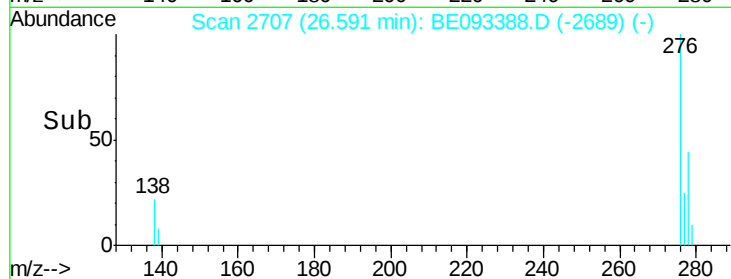
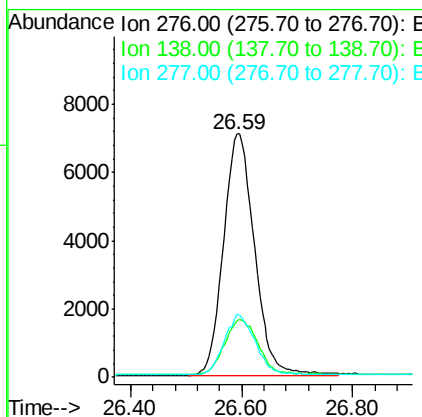
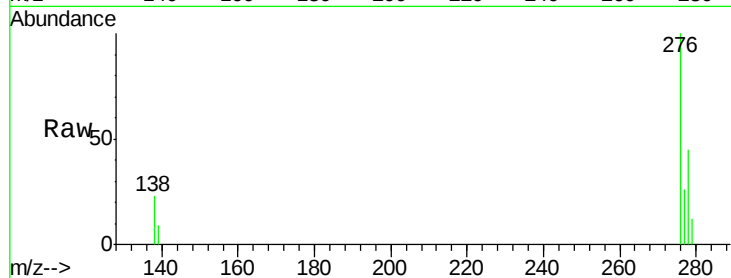
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng
RT: 26.59 min Scan# 2707
Delta R.T. -0.02 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	27.4	41.2#
277	24.7	20.1	30.1

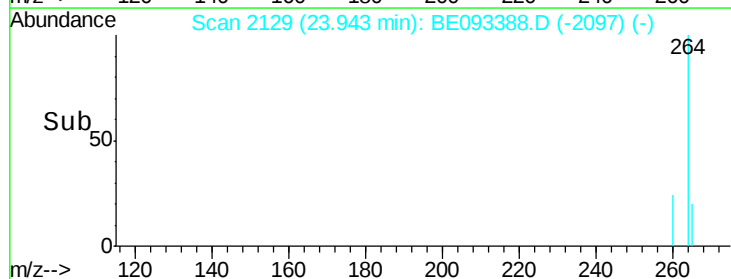
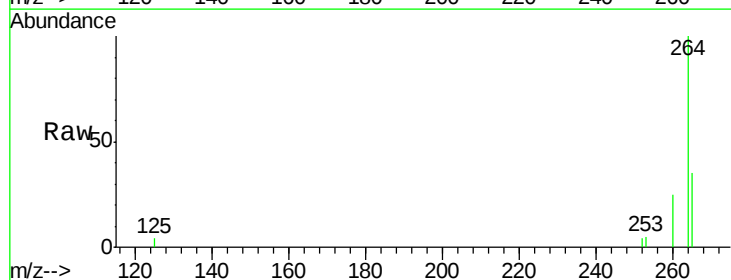
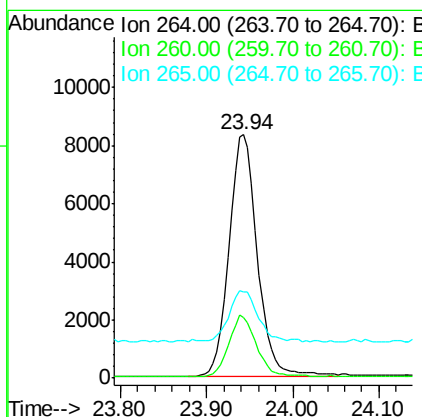
Manual Integrations
APPROVED

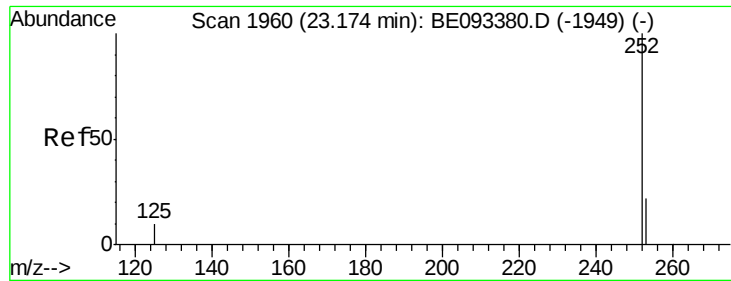
mohammad
7/3/2017 1:14:17 PM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.0	31.4
265	35.2	24.6	36.8





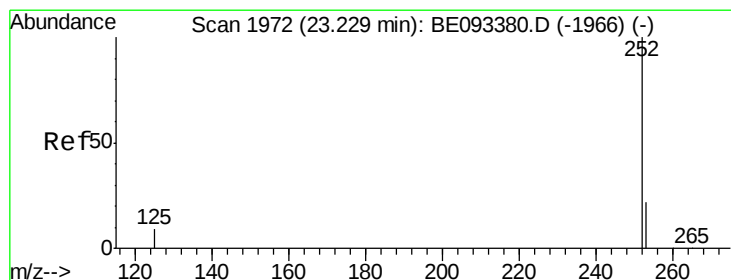
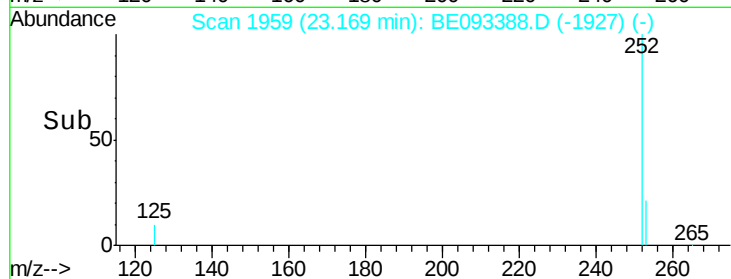
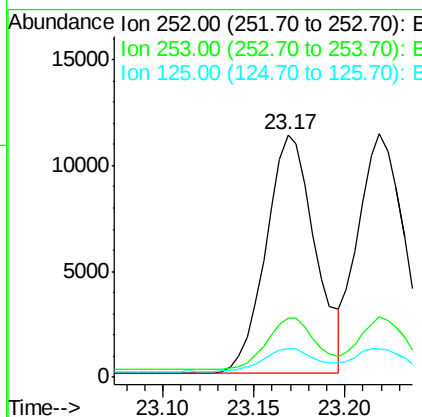
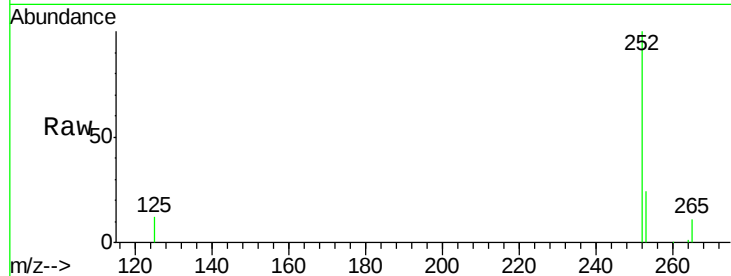
#35
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 23.17 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	12.0	13.4	20.0

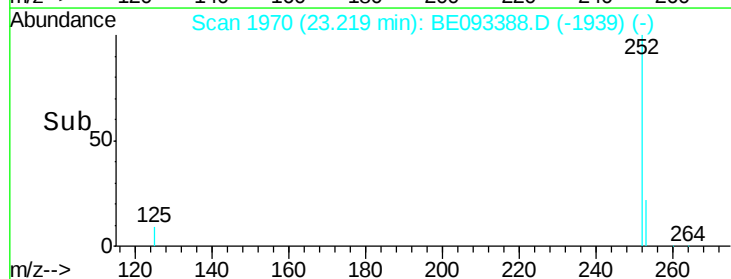
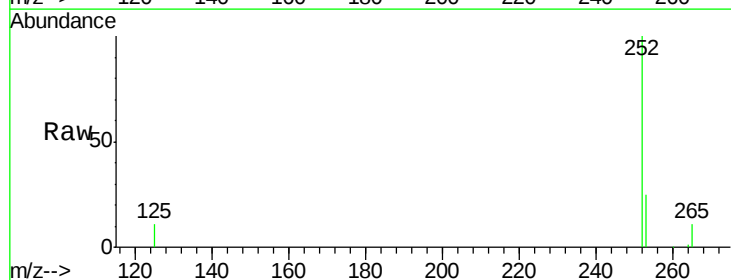
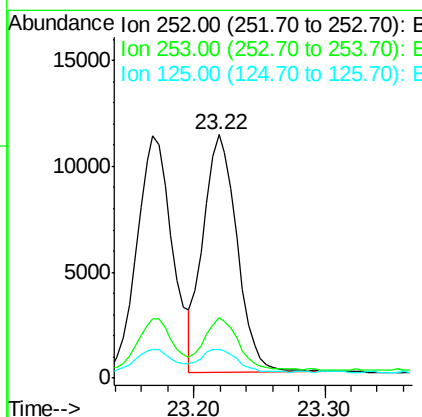
Manual Integrations
APPROVED

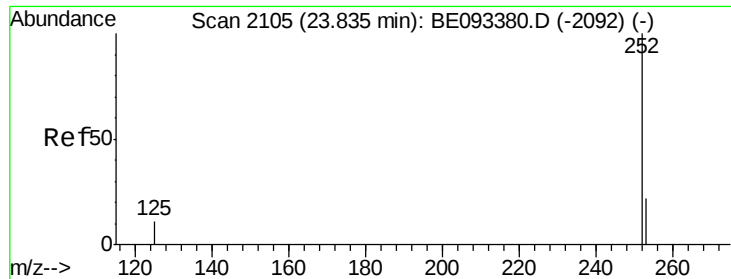
mohammad
7/3/2017 1:14:17 PM



#36
Benzo(k)fluoranthene
Concen: 0.337 ng
RT: 23.22 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.3	30.5
125	11.5	12.2	18.4





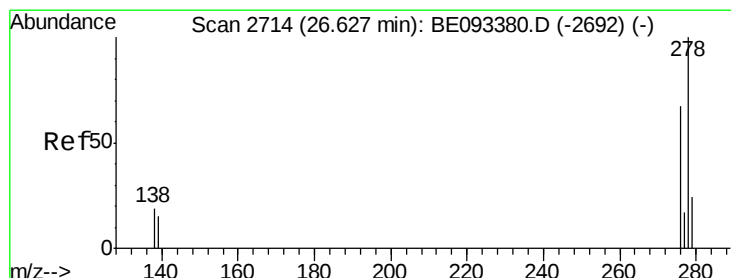
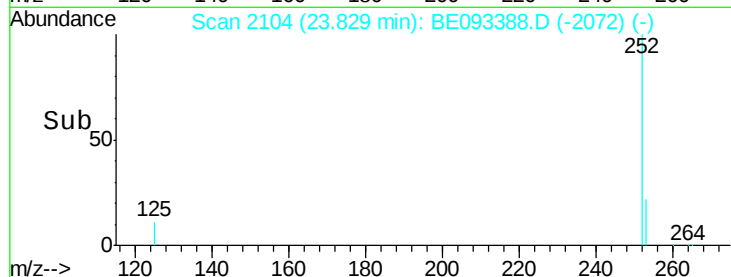
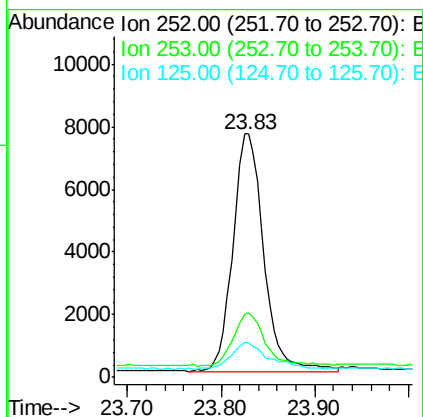
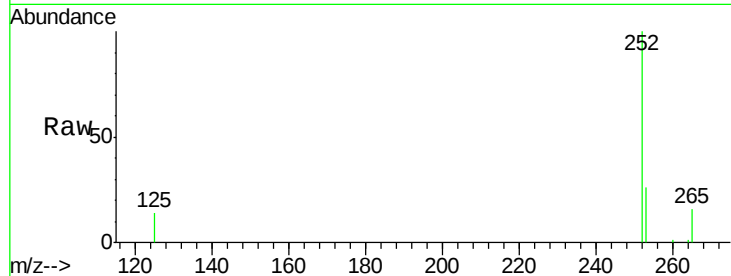
#37
Benzo(a)pyrene
Concen: 0.327 ng
RT: 23.83 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.9	29.9
125	14.3	14.6	21.8

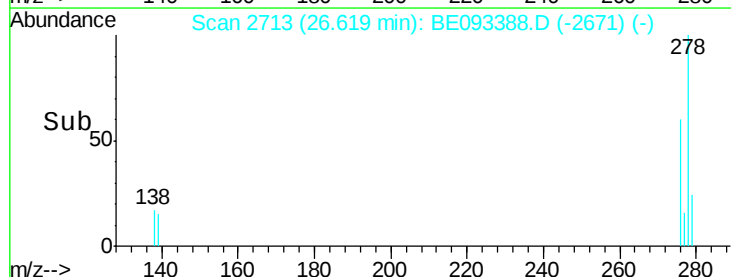
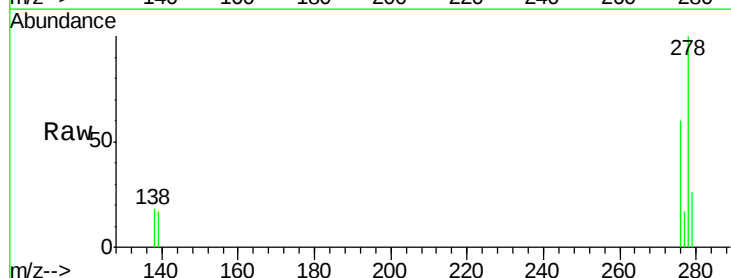
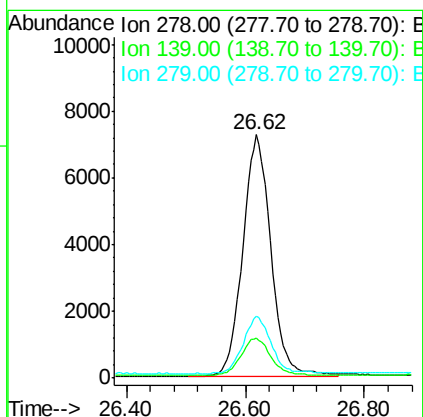
Manual Integrations
APPROVED

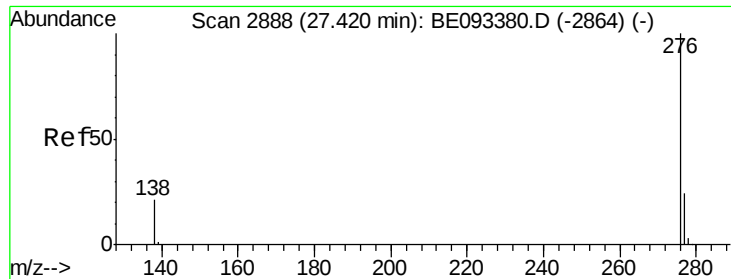
mohammad
7/3/2017 1:14:17 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.441 ng
RT: 26.62 min Scan# 2713
Delta R.T. -0.01 min
Lab File: BE093388.D
Acq: 1 Jul 2017 12:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	21.4	32.0
279	25.7	22.2	33.2





#39

Benzo(g,h,i)perylene

Concen: 0.438 ng

RT: 27.41 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BE093388.D

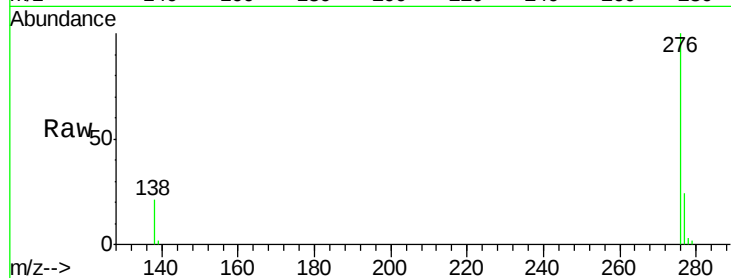
Acq: 1 Jul 2017 12:22

Instrument :

BNA_E

ClientSampleId :

PB99833BS



Tgt Ion:	276	Resp:	24129
Ion Ratio	Lower	Upper	
276	100		
277	23.8	21.2	31.8
138	21.1	24.5	36.7#

Manual Integrations
APPROVED

mohammad
7/3/2017 1:14:17 PM

