

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100319\
 Data File : BE100601.D
 Acq On : 3 Oct 2019 21:04
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100319

Manual Integrations
 APPROVED

mohammad
 10/7/2019 8:26:53 AM

Quant Time: Oct 04 13:08:00 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 04 13:00:50 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3277	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	14726	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8663	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	20150	0.40	ng	0.00
27) Chrysene-d12	21.34	240	26885	0.40	ng	-0.01
34) Perylene-d12	23.81	264	32240	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	3258	0.37	ng	-0.01
5) Phenol-d6	6.99	99	3958	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	3278	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	8510	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	690	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	12119	0.39	ng	0.00
25) Fluoranthene-d10	19.21	212	91605	0.37	ng	0.00
29) Terphenyl-d14	19.80	244	22944	0.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	2226	0.403	ng	96
3) n-Nitrosodimethylamine	3.62	42	916	0.353	ng	# 88
6) bis(2-Chloroethyl)ether	7.25	93	3866	0.375	ng	99
9) Naphthalene	10.67	128	59733	0.393	ng	100
10) Hexachlorobutadiene	10.96	225	1960	0.400	ng	99
12) 2-Methylnaphthalene	12.28	142	9563	0.383	ng	99
16) Acenaphthylene	14.18	152	13585	0.369	ng	100
17) Acenaphthene	14.53	154	9310	0.378	ng	99
18) Fluorene	15.49	166	11860	0.377	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	3626	0.363	ng	96
21) Hexachlorobenzene	16.51	284	3224	0.384	ng	99
22) Pentachlorophenol	16.85	266	547m	0.480	ng	
23) Phenanthrene	17.23	178	22289	0.389	ng	99
24) Anthracene	17.32	178	17910	0.363	ng	99
26) Fluoranthene	19.24	202	26821	0.380	ng	100
28) Pyrene	19.60	202	27749	0.403	ng	100
30) Benzo(a)anthracene	21.33	228	28596	0.380	ng	99
31) Chrysene	21.38	228	31608	0.393	ng	96
32) Bis(2-ethylhexyl)phthalate	21.27	149	47054	0.328	ng	100
33) Indeno(1,2,3-cd)pyrene	26.41	276	36380	0.384	ng	97
35) Benzo(b)fluoranthene	23.06	252	31240	0.358	ng	100
36) Benzo(k)fluoranthene	23.10	252	37174	0.374	ng	99
37) Benzo(a)pyrene	23.70	252	29109	0.363	ng	99
38) Dibenzo(a,h)anthracene	26.43	278	30377	0.360	ng	99
39) Benzo(g,h,i)perylene	27.20	276	31627	0.370	ng	99

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

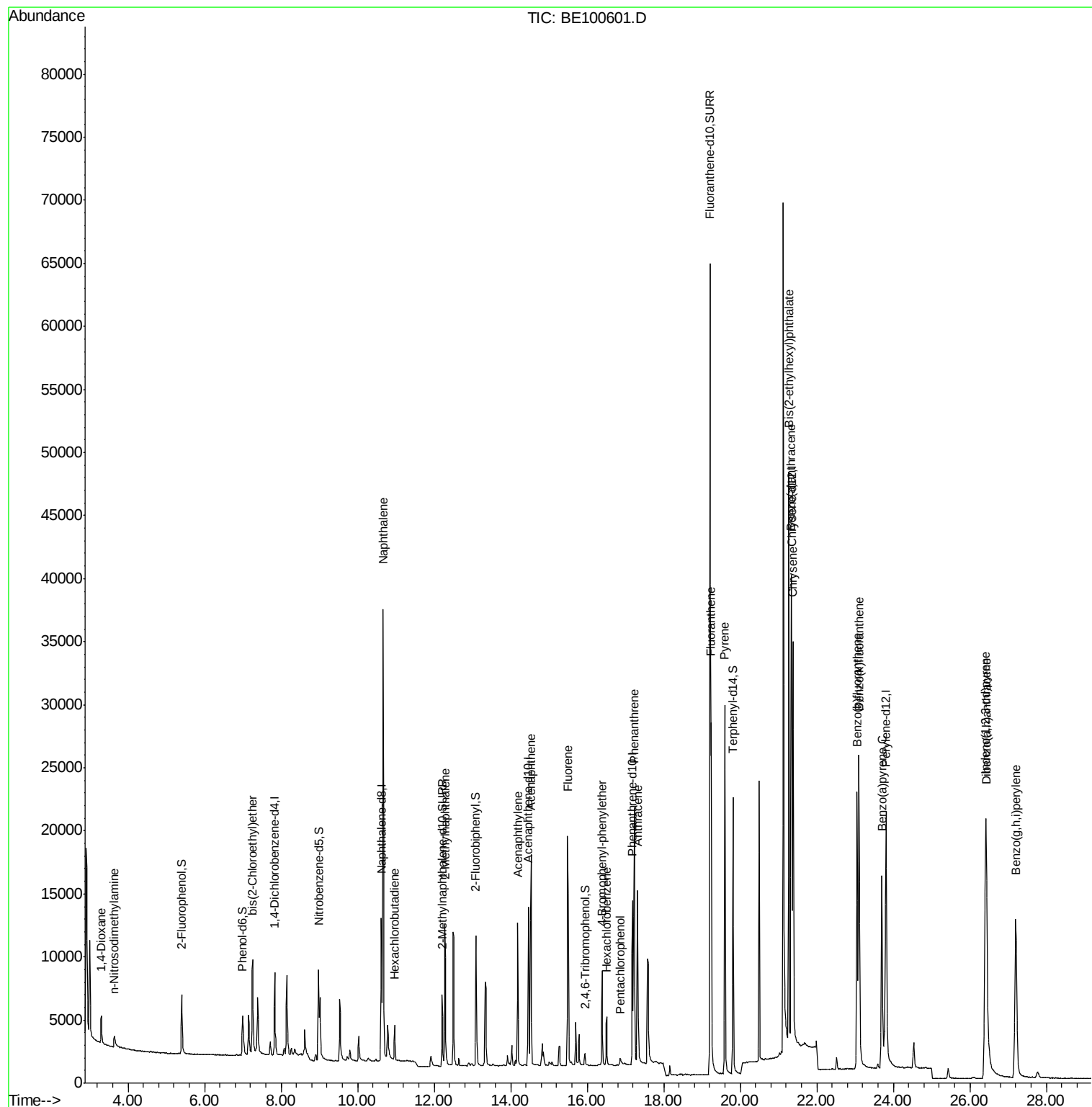
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100319\
Data File : BE100601.D
Acq On : 3 Oct 2019 21:04
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

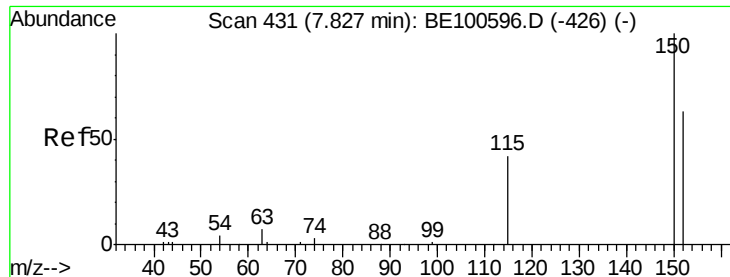
Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM

Quant Time: Oct 04 13:08:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 04 13:00:50 2019
Response via : Initial Calibration





#1

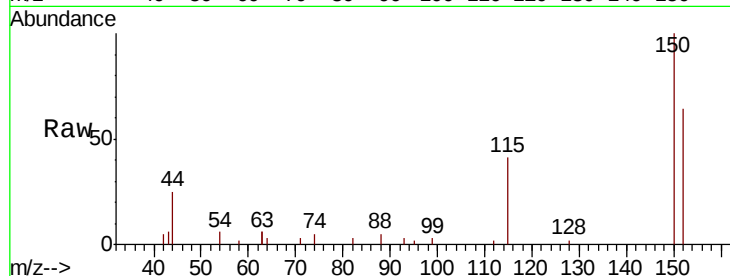
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.5	189.7
115	64.2	54.6	81.8

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM

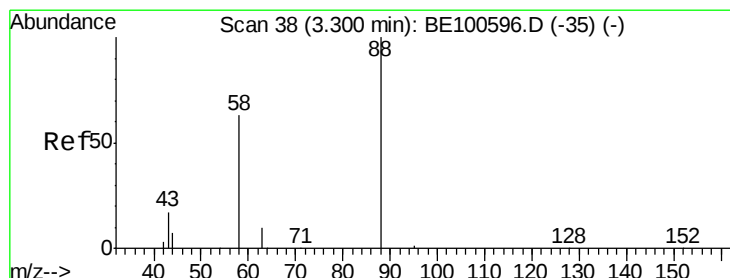
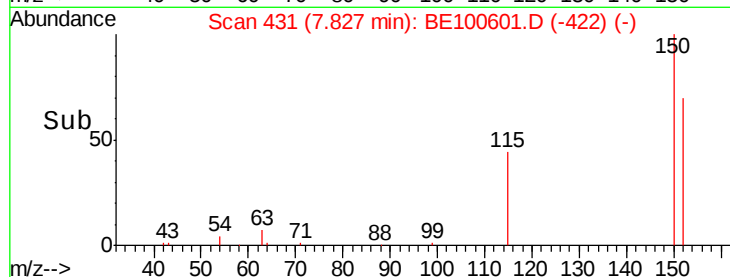
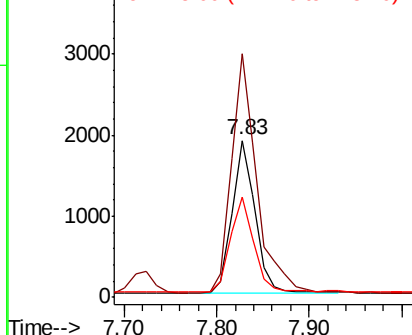


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

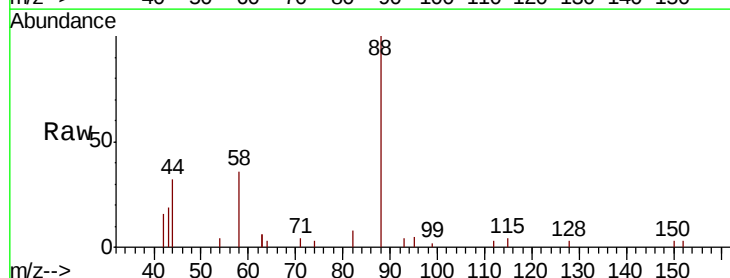
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.403 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.2	48.1	72.1
43	20.1	14.4	21.6

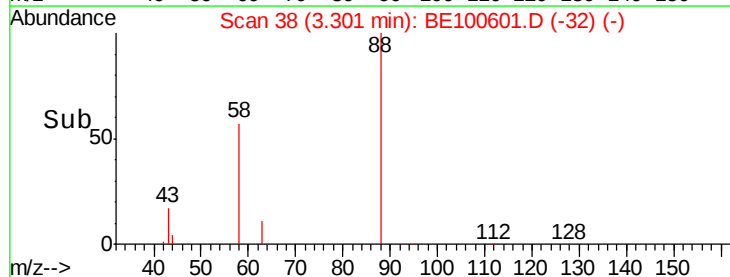
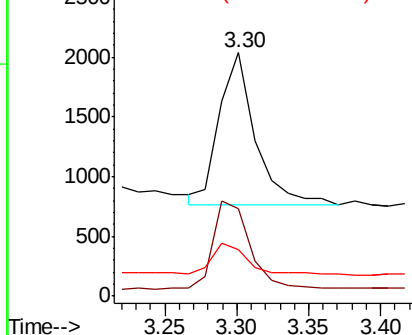


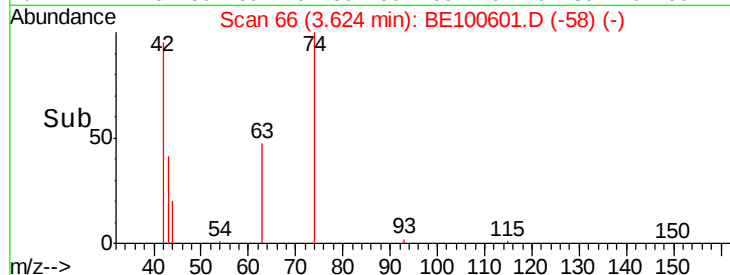
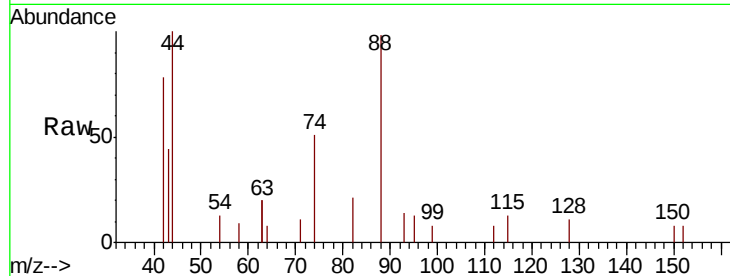
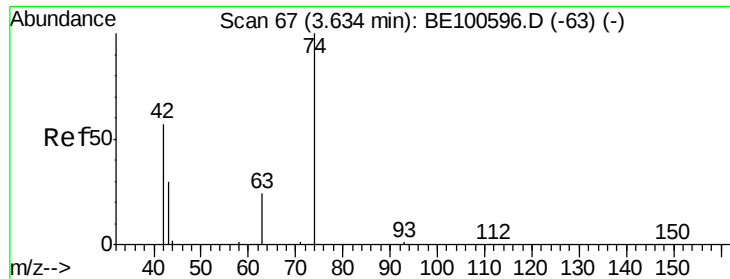
Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





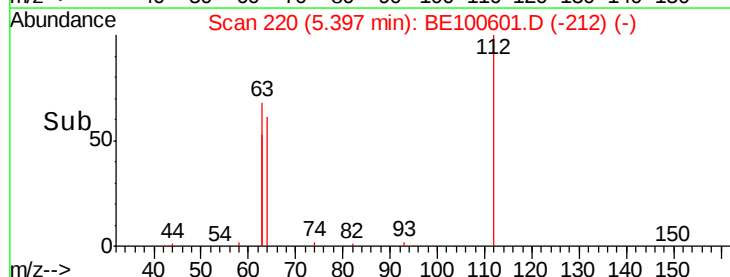
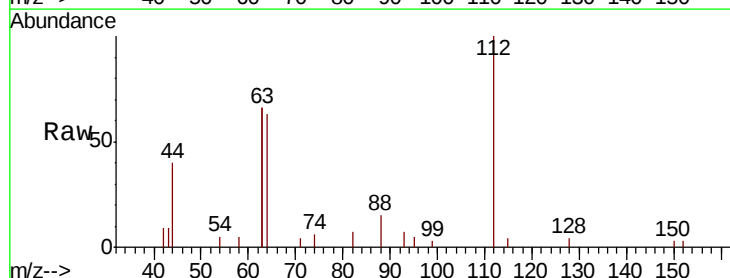
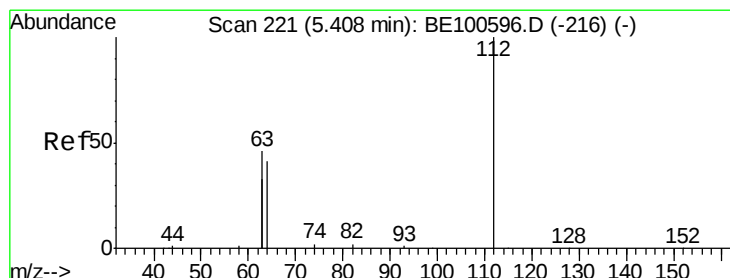
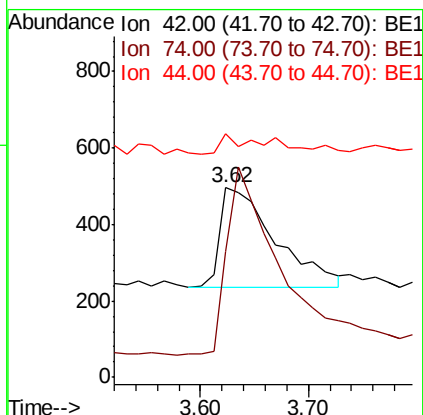
#3
n-Nitrosodimethylamine
Concen: 0.353 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Tot Ion	Ratio	Lower	Upper
42	100		
74	186.5	136.2	204.2
44	17.5	7.4	11.0

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

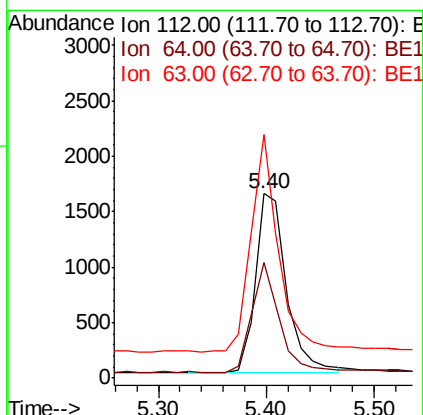
Manual Integrations
APPROVED

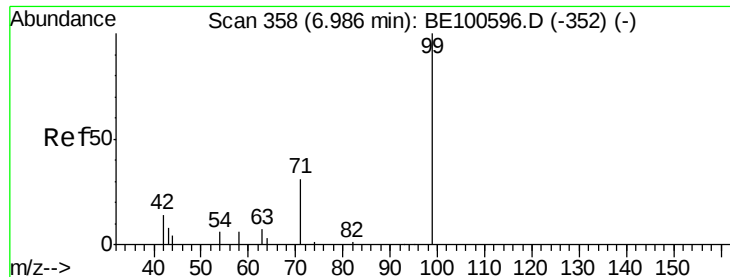
mohammad
10/7/2019 8:26:53 AM



#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.40 min Scan# 220
Delta R.T. -0.01 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.7	65.5
63	105.2	84.5	126.7





#5

Phenol-d6

Concen: 0.356 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

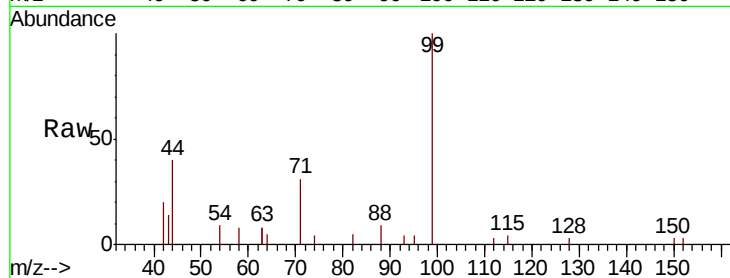
ClientSampleId :

ICVBE100319

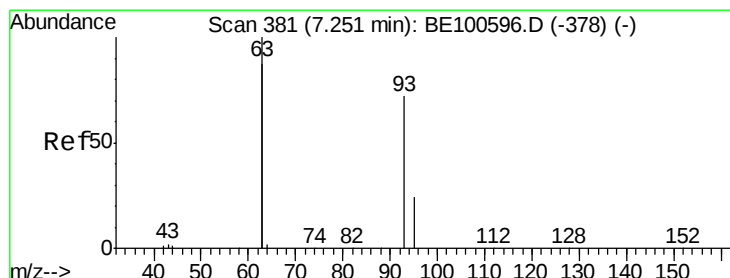
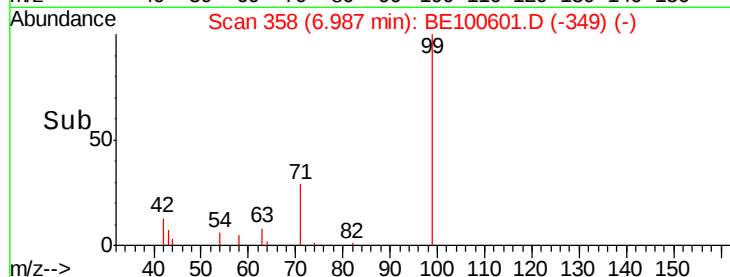
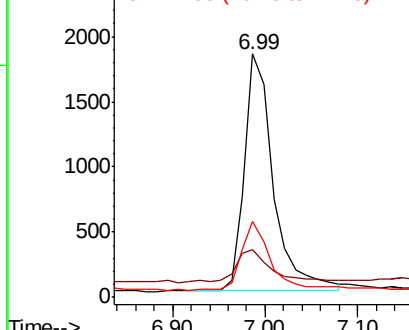
Tot Ion:	99	Resp:	3958
Ion	Ratio	Lower	Upper
99	100		
42	17.1	11.7	17.5
71	29.0	23.0	34.4

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.375 ng

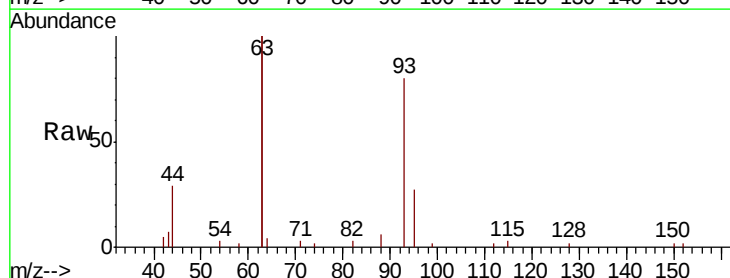
RT: 7.25 min Scan# 381

Delta R.T. 0.00 min

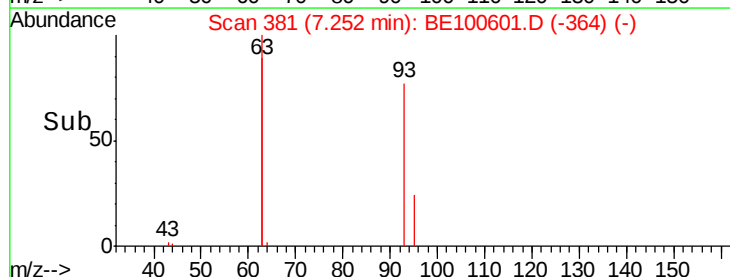
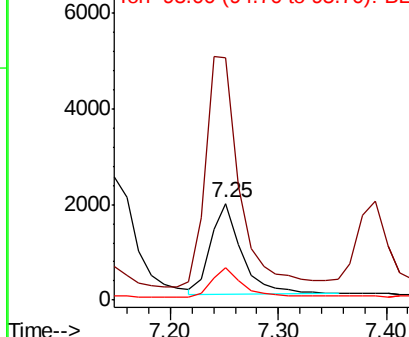
Lab File: BE100601.D

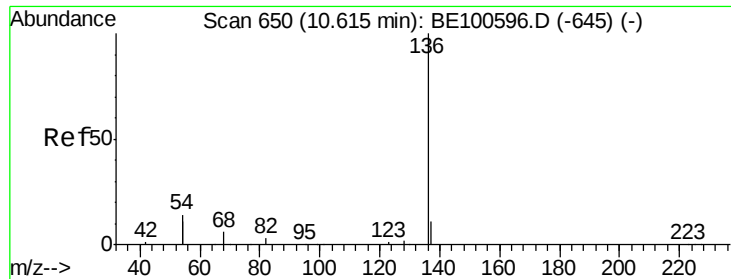
Acq: 3 Oct 2019 21:04

Tgt Ion:	93	Resp:	3866
Ion	Ratio	Lower	Upper
93	100		
63	273.8	221.0	331.4
95	32.7	25.4	38.0



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

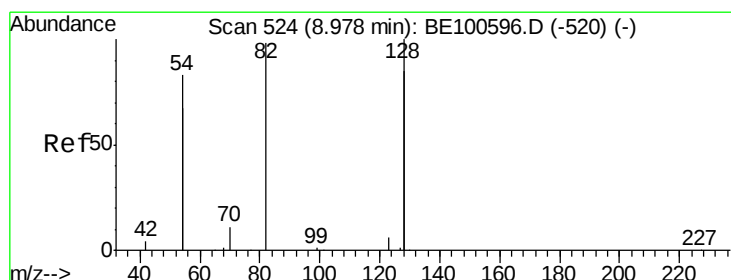
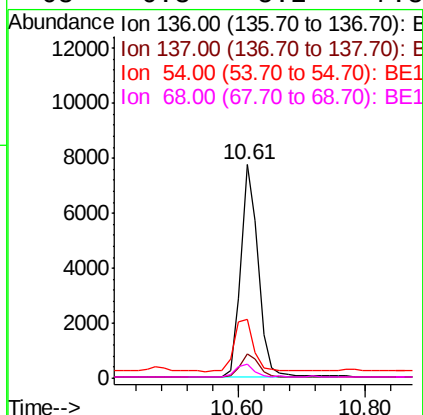
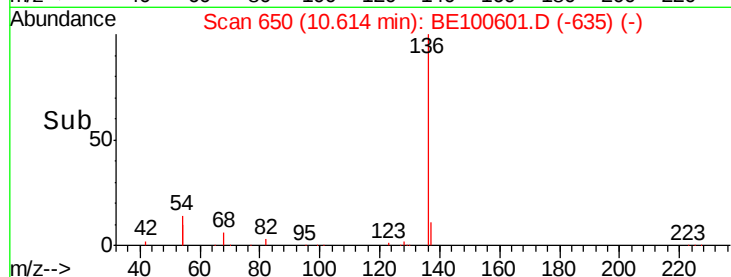
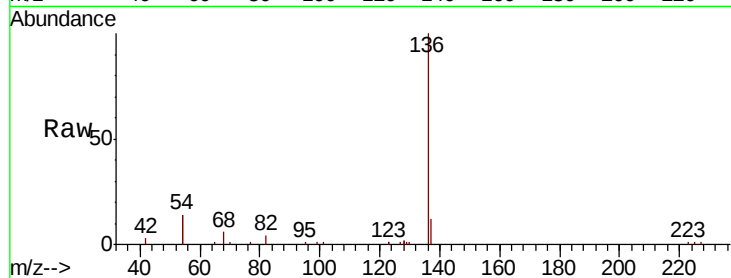
ClientSampleId :

ICVBE100319

Tot Ion:	136	Resp:	14726
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	27.4	22.4	33.6
68	6.3	5.2	7.8

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM



#8

Nitrobenzene-d5

Concen: 0.357 ng

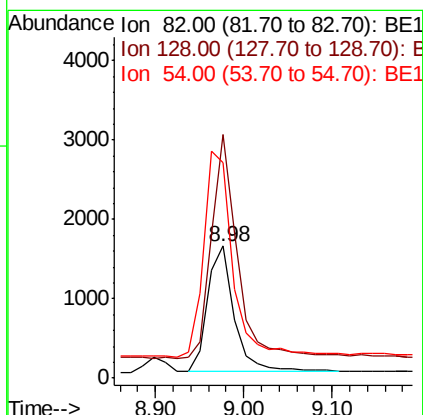
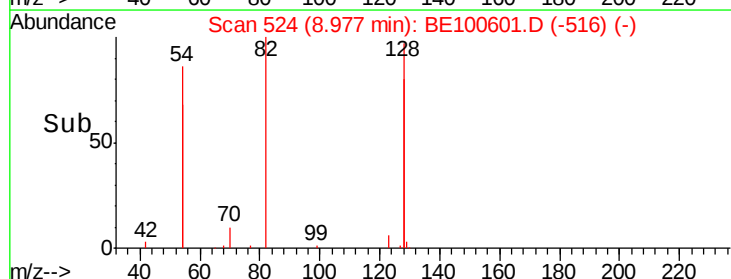
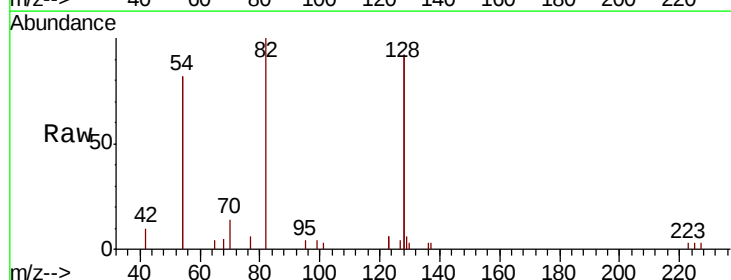
RT: 8.98 min Scan# 524

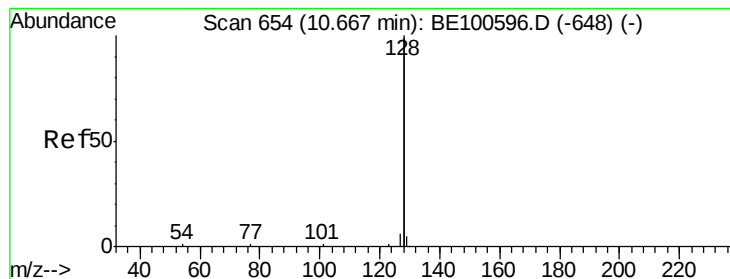
Delta R.T. -0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Tgt Ion:	82	Resp:	3278
Ion Ratio	Lower	Upper	
82	100		
128	184.4	154.7	232.1
54	163.3	128.5	192.7





#9

Naphthalene

Concen: 0.393 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

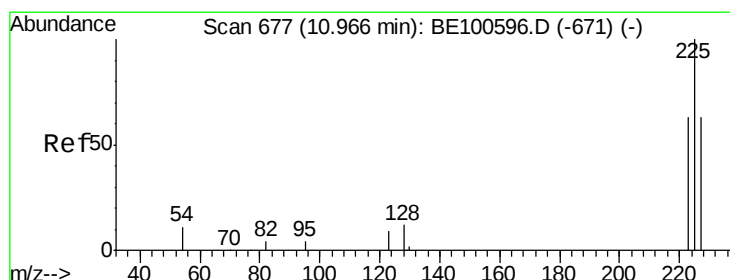
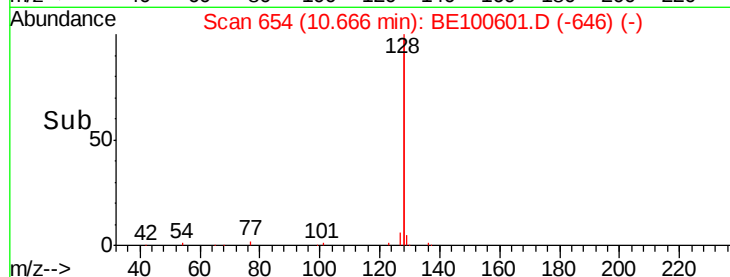
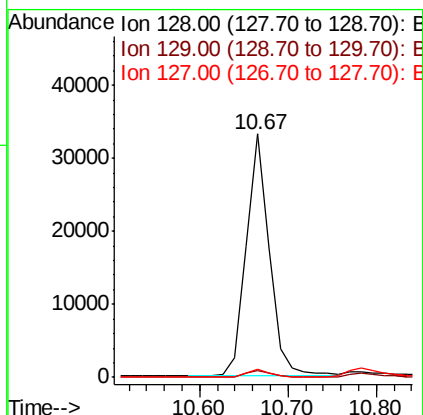
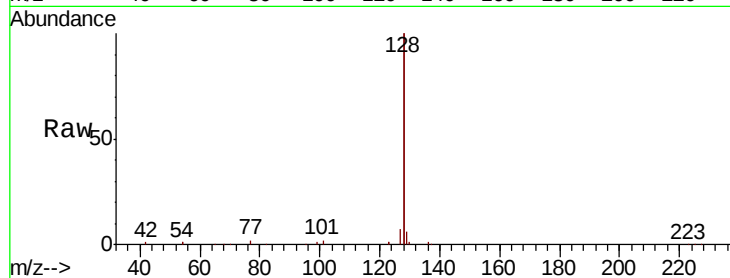
ClientSampleId :

ICVBE100319

Tot Ion:	128	Resp:	59733
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.2	3.4
127	3.4	2.6	4.0

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM



#10

Hexachlorobutadiene

Concen: 0.400 ng

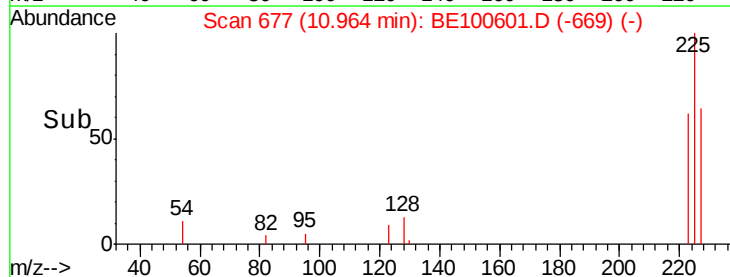
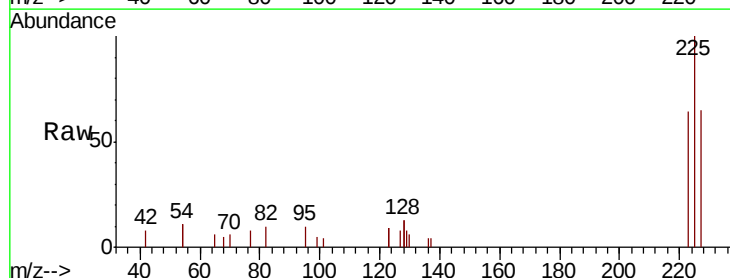
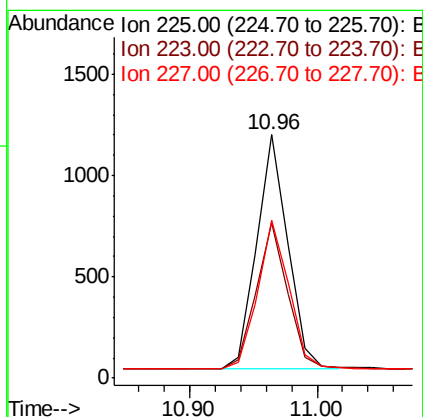
RT: 10.96 min Scan# 677

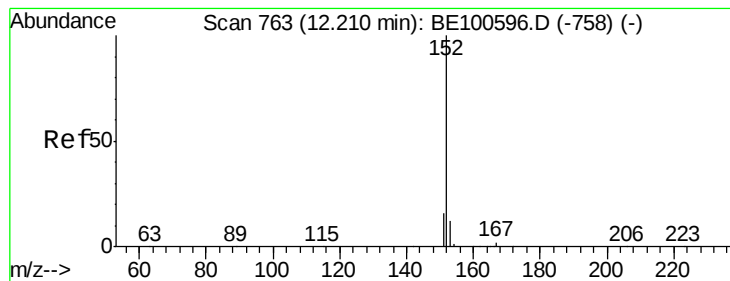
Delta R.T. -0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Tgt Ion:	225	Resp:	1960
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.8	74.8
227	63.8	50.1	75.1





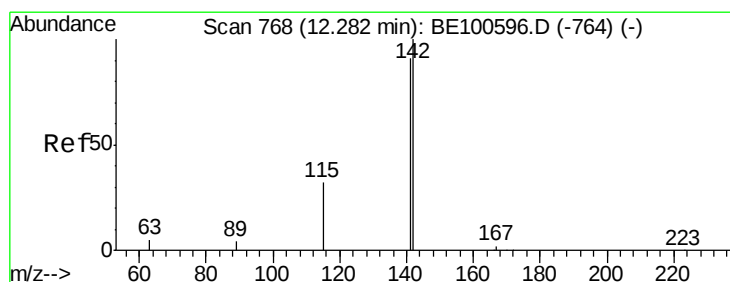
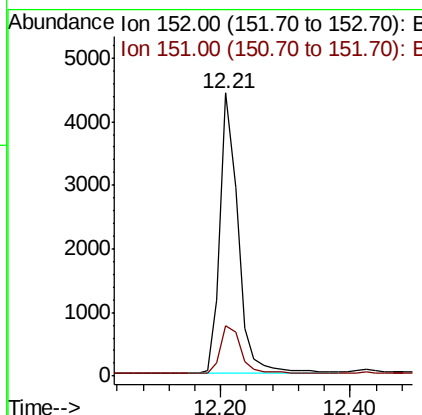
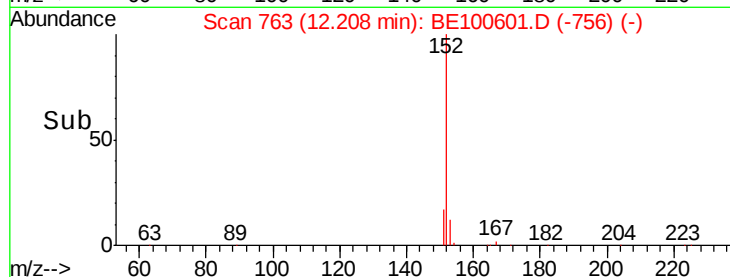
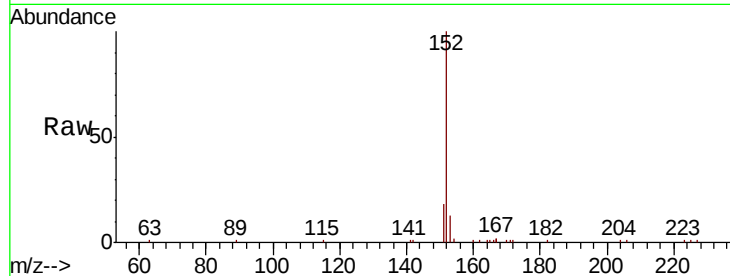
#11
 2-Methylnaphthalene-d10
 Concen: 0.386 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE100601.D
 Acq: 3 Oct 2019 21:04

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100319

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8

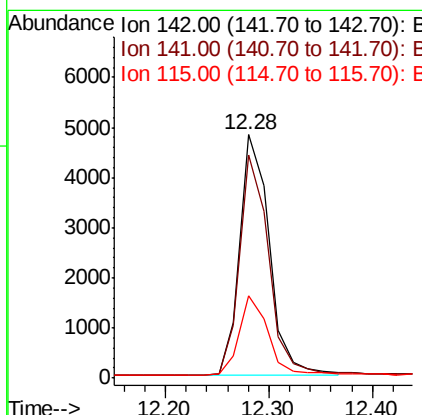
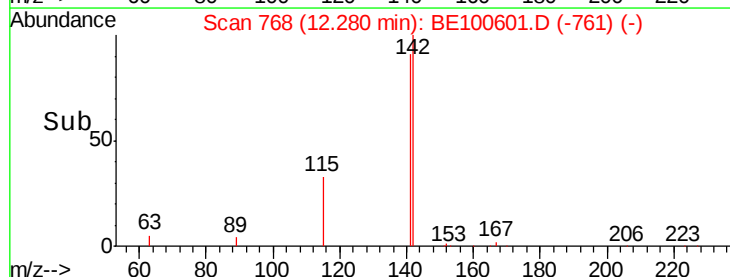
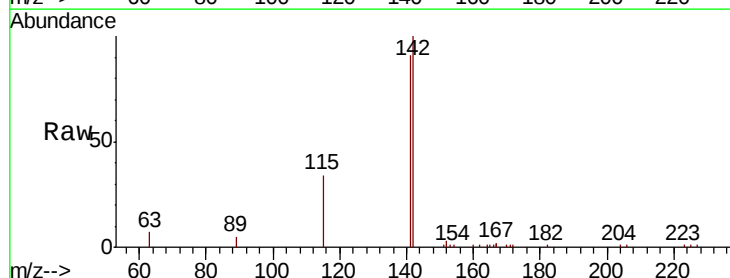
Manual Integrations
 APPROVED

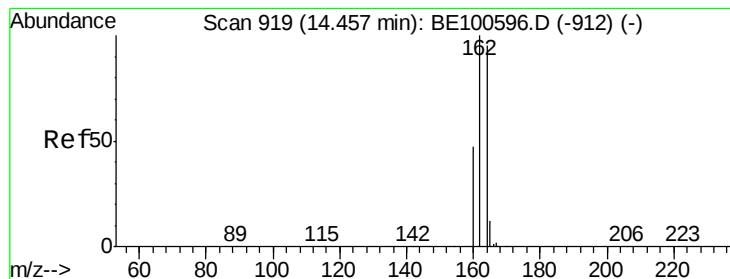
mohammad
 10/7/2019 8:26:53 AM



#12
 2-Methylnaphthalene
 Concen: 0.383 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE100601.D
 Acq: 3 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	108.8
115	33.6	26.6	40.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

Tot Ion:164 Resp: 8663

Ion Ratio Lower Upper

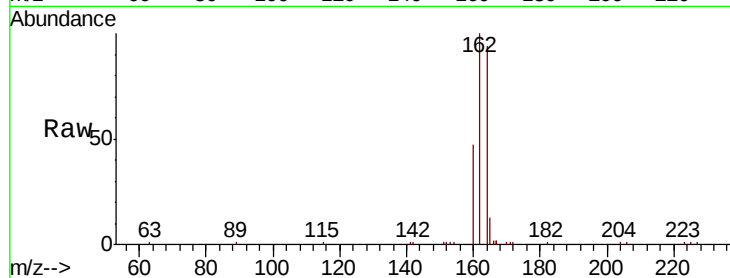
164 100

162 106.3 84.2 126.4

160 49.6 40.2 60.4

Manual Integrations
APPROVED

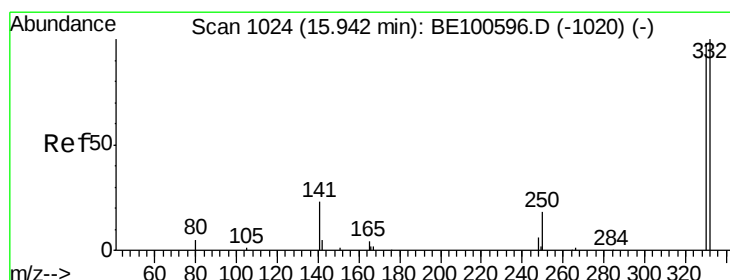
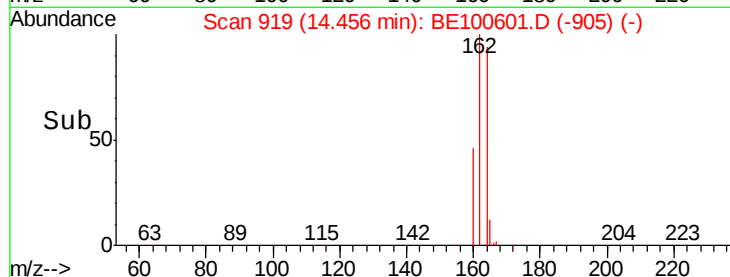
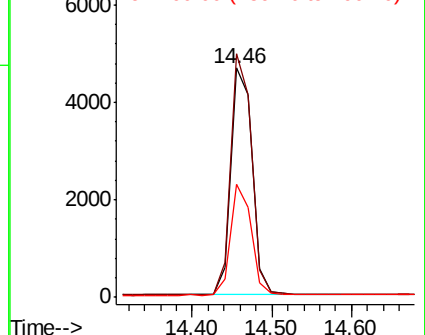
mohammad
10/7/2019 8:26:53 AM



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: 0.349 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

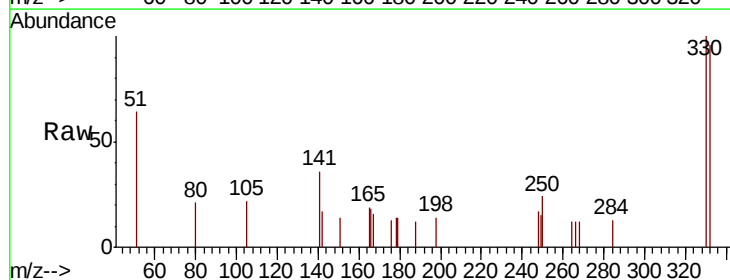
Tgt Ion:330 Resp: 690

Ion Ratio Lower Upper

330 100

332 95.7 78.5 117.7

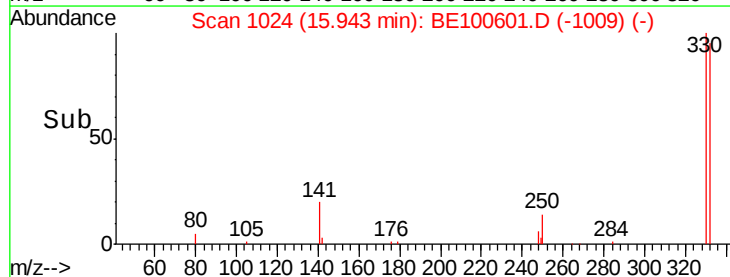
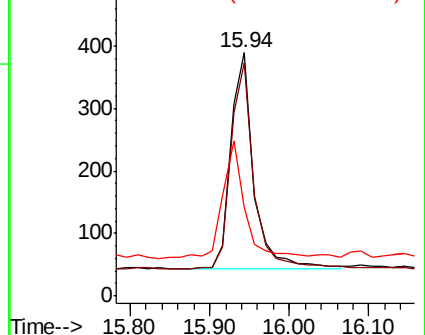
141 56.2 39.4 59.0

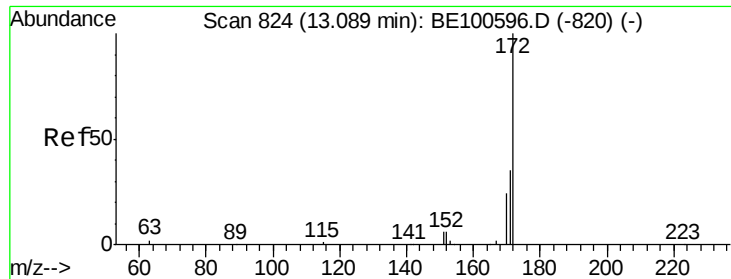


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





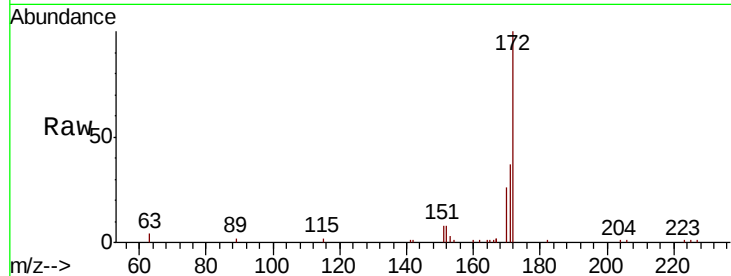
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.7	43.1
170	25.6	19.8	29.8

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM

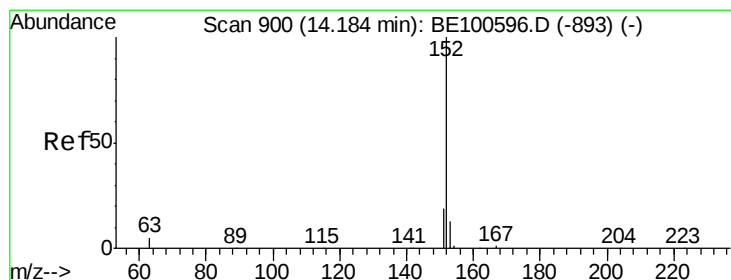
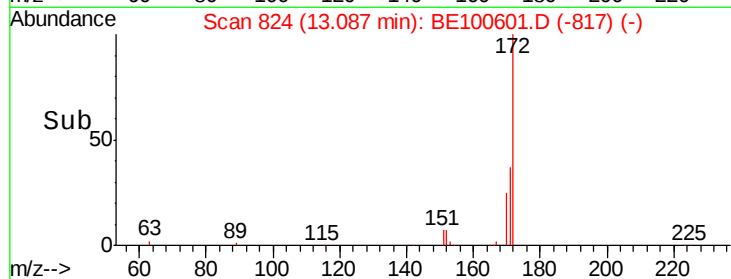
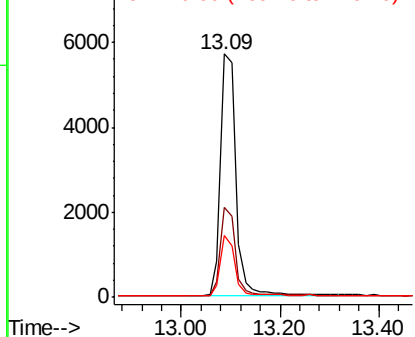


Abundance

Ion 172.00 (171.70 to 172.70): E

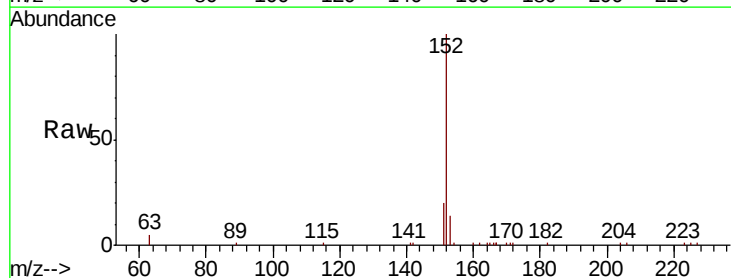
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.0	10.4	15.6

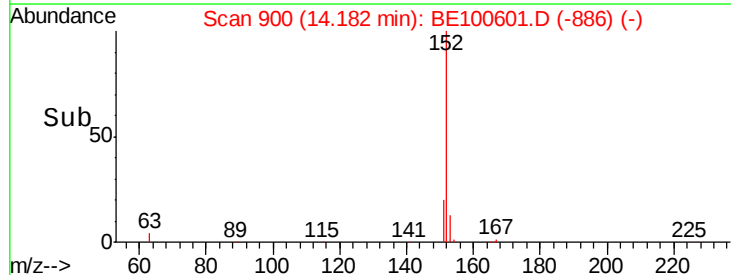
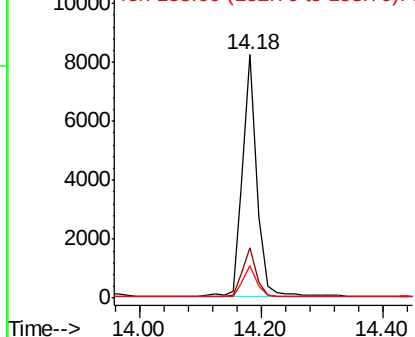


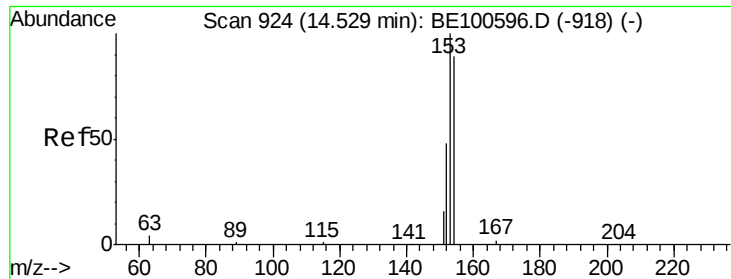
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





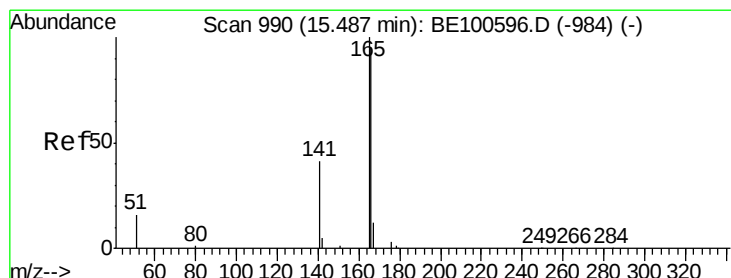
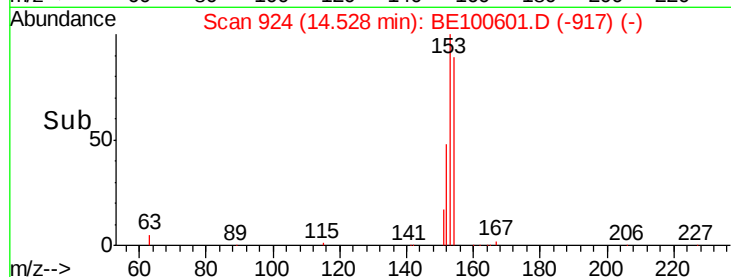
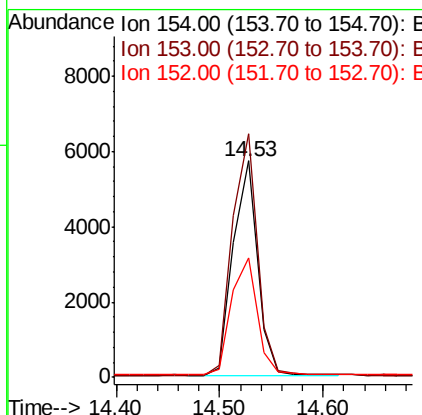
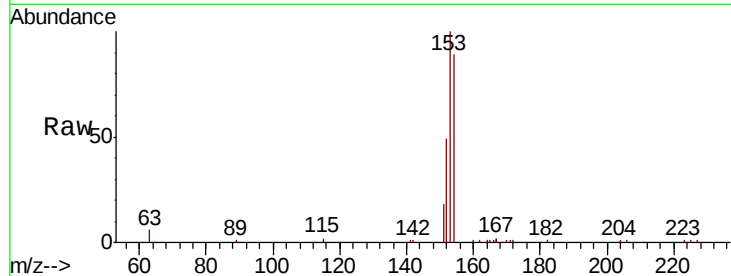
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.8	92.3	138.5
152	58.6	46.2	69.2

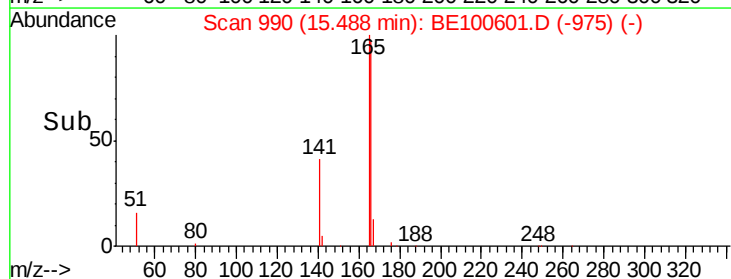
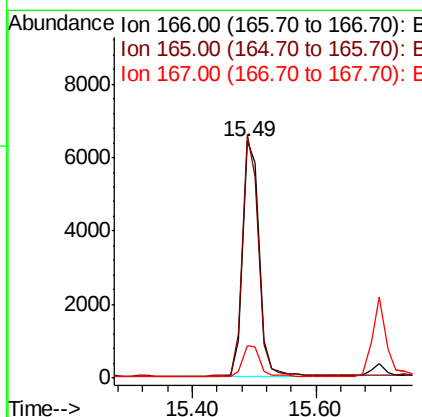
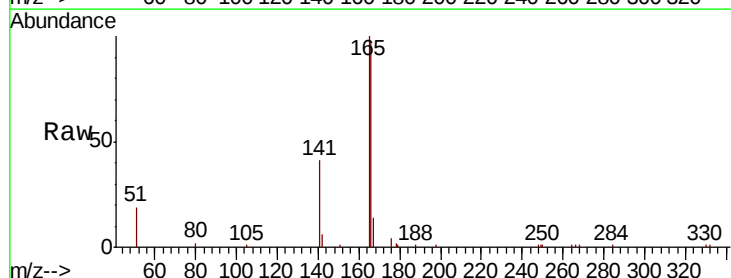
Manual Integrations
APPROVED

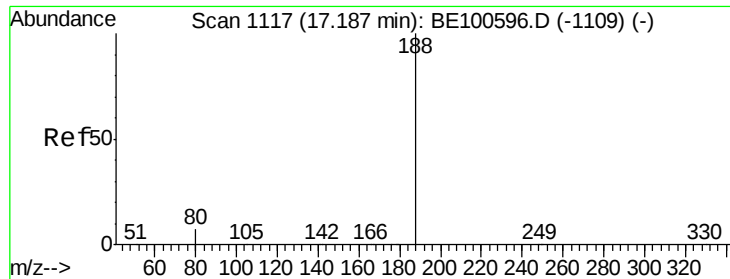
mohammad
10/7/2019 8:26:53 AM



#18
Fluorene
Concen: 0.377 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.4	120.6
167	13.5	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

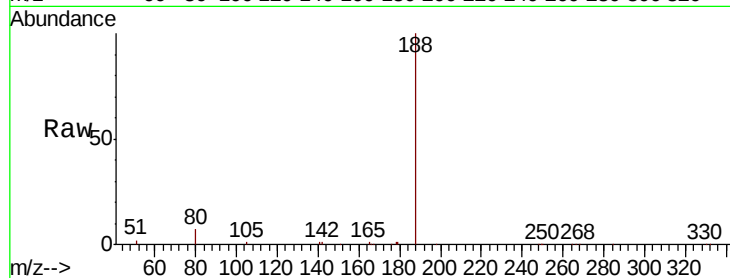
ClientSampleId :

ICVBE100319

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.2	9.2

Manual Integrations
APPROVED

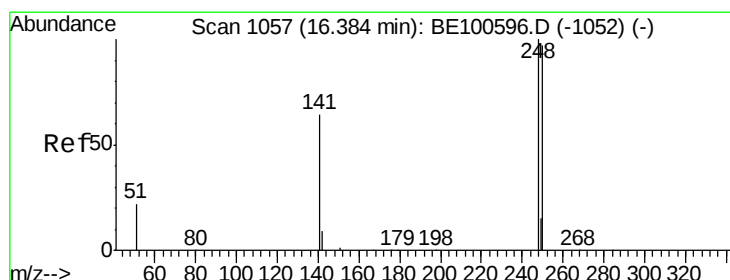
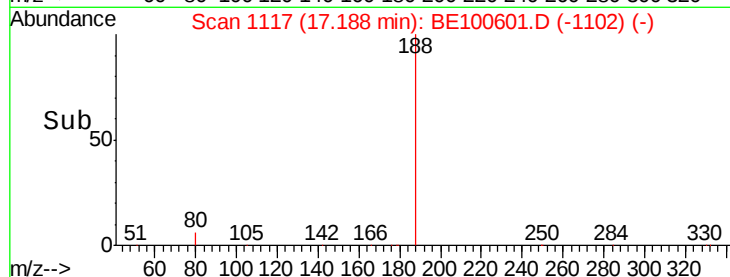
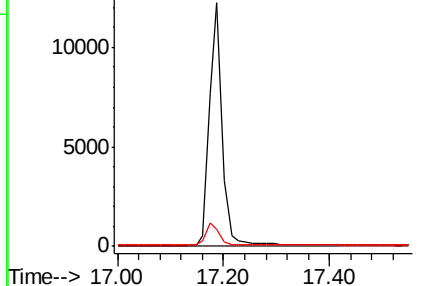
mohammad
10/7/2019 8:26:53 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.363 ng

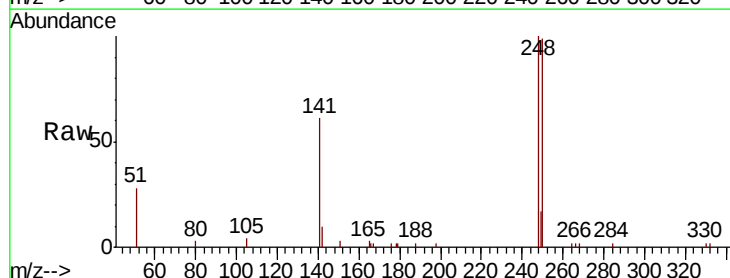
RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

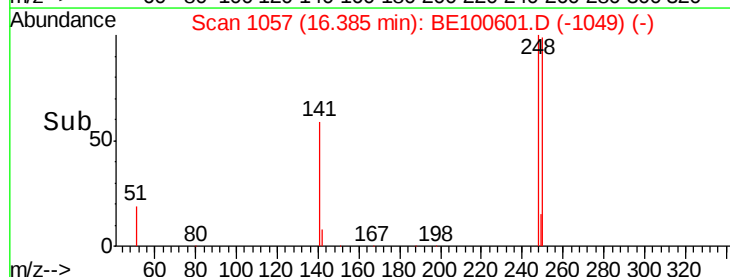
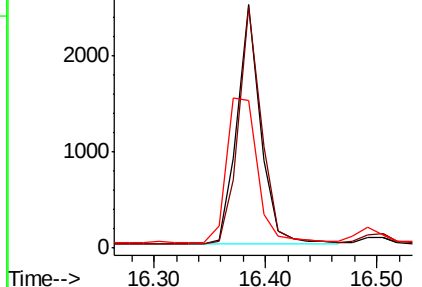
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.4	116.0
141	60.8	52.1	78.1

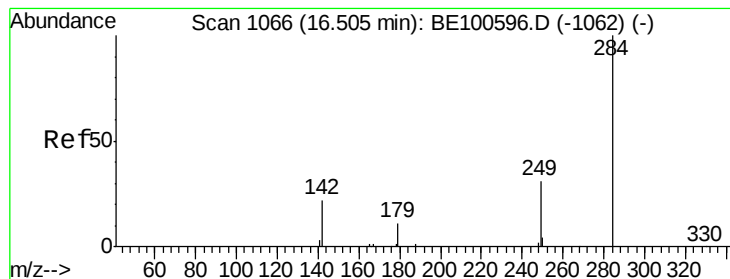


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.384 ng

RT: 16.51 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

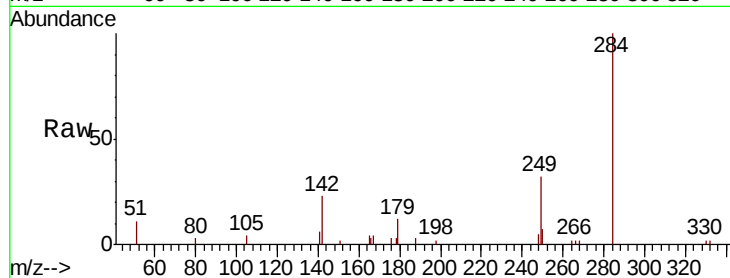
ClientSampleId :

ICVBE100319

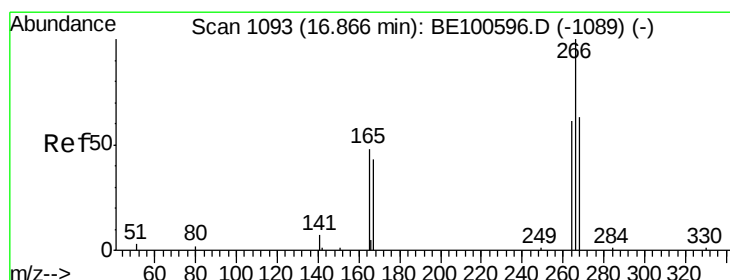
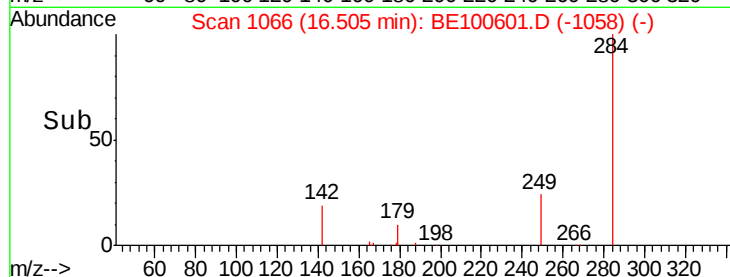
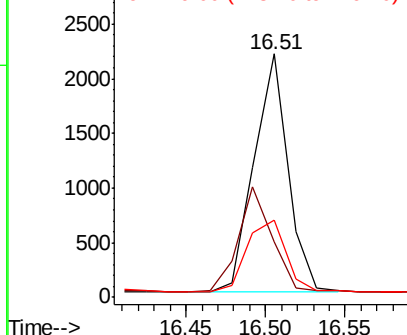
Tot Ion:	284	Resp:	3224
Ion Ratio	Lower	Upper	
284	100		
142	43.1	35.1	52.7
249	34.2	27.2	40.8

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 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: 0.480 ng m

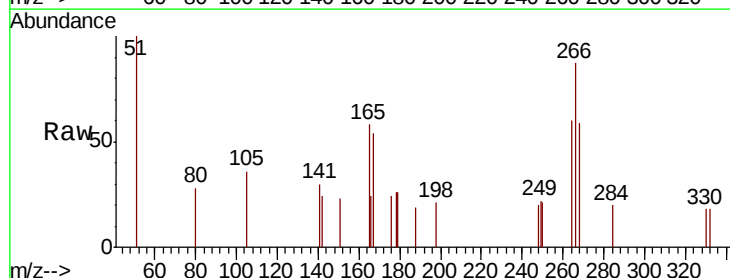
RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

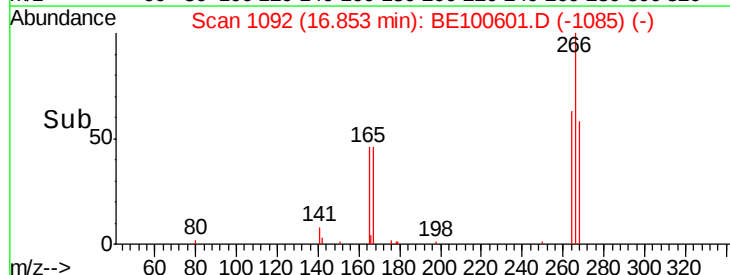
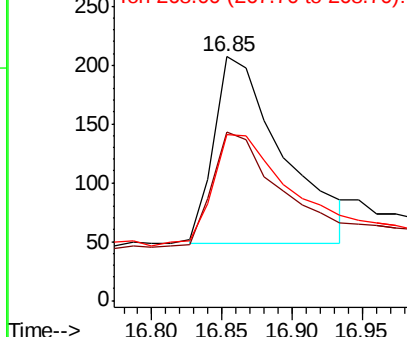
Lab File: BE100601.D

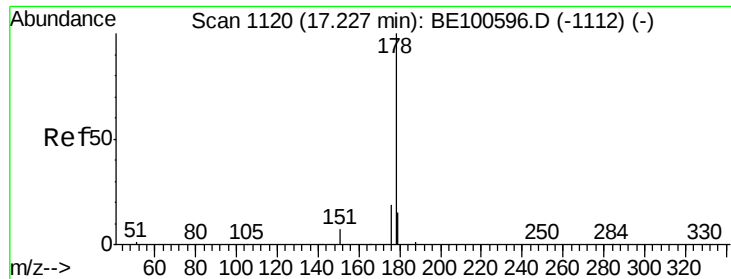
Acq: 3 Oct 2019 21:04

Tgt Ion:	266	Resp:	547
Ion Ratio	Lower	Upper	
266	100		
264	69.1	56.3	84.5
268	68.1	60.3	90.5



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: 0.389 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

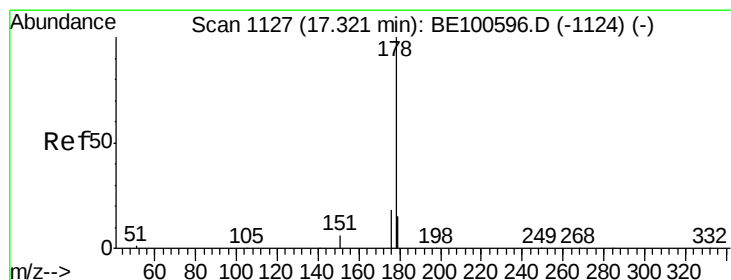
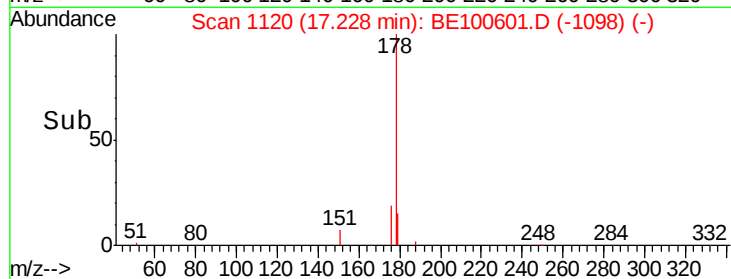
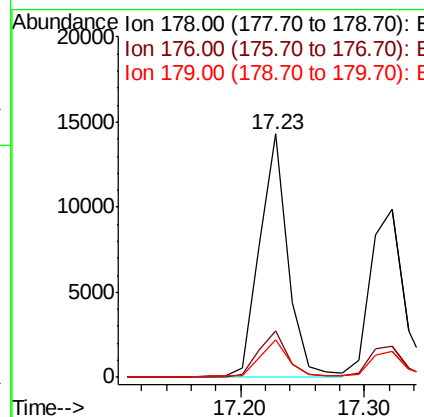
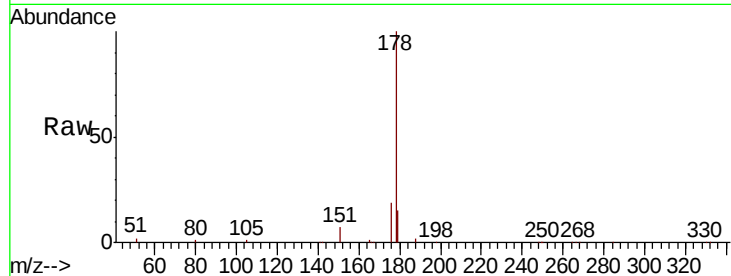
ClientSampleId :

ICVBE100319

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.2	12.3	18.5

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM



#24

Anthracene

Concen: 0.363 ng

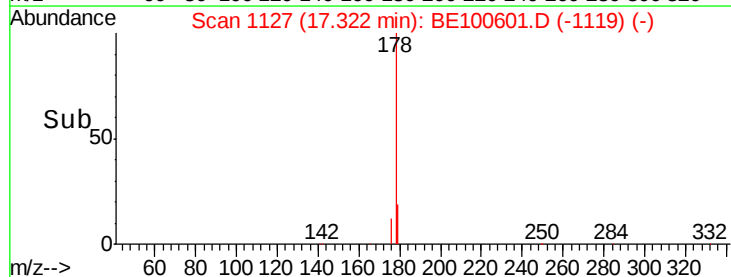
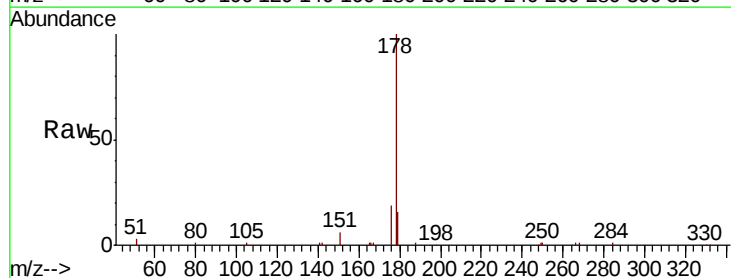
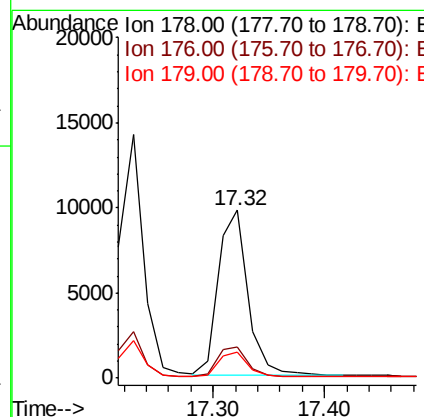
RT: 17.32 min Scan# 1127

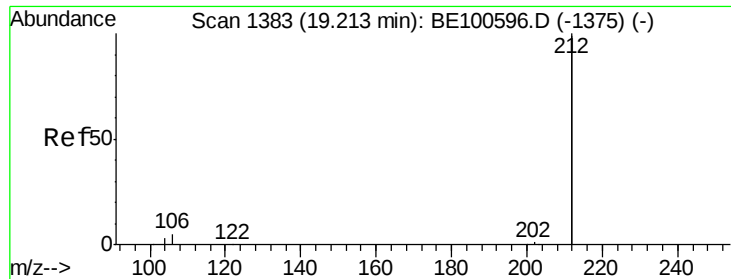
Delta R.T. 0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.2	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.21 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

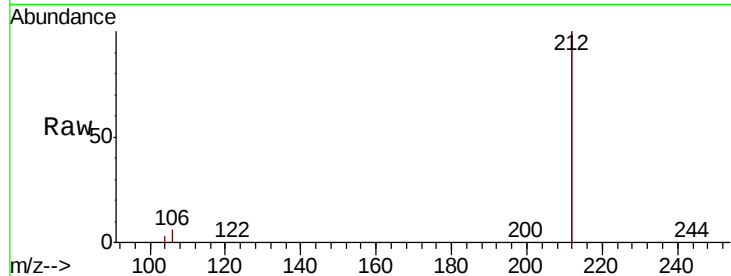
ClientSampleId :

ICVBE100319

Tot Ion:	212	Resp:	91605
Ion Ratio	Lower	Upper	
212	100		
106	3.0	2.3	3.5
104	1.7	1.3	1.9

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM

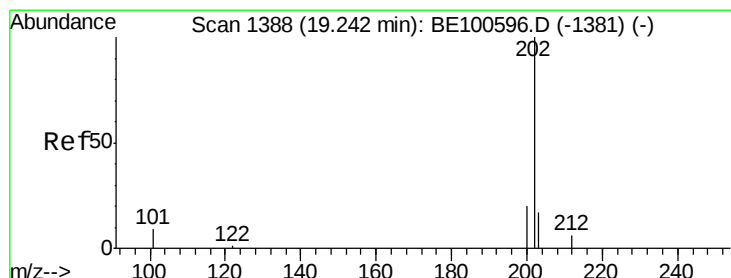
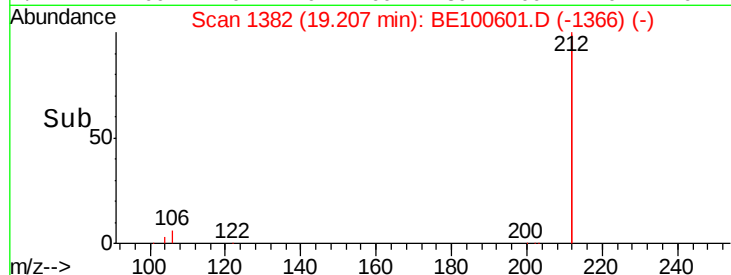
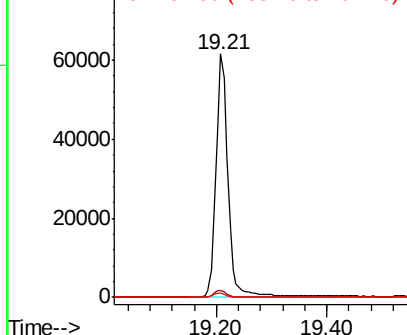


Abundance

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



#26

Fluoranthene

Concen: 0.380 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

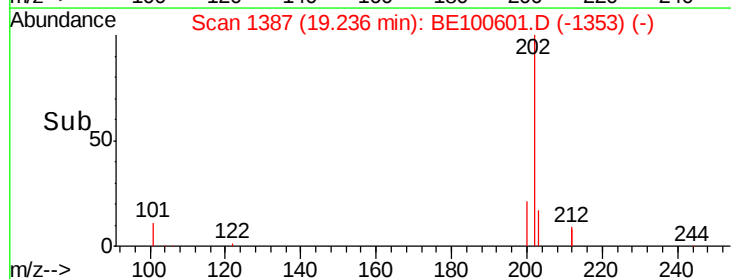
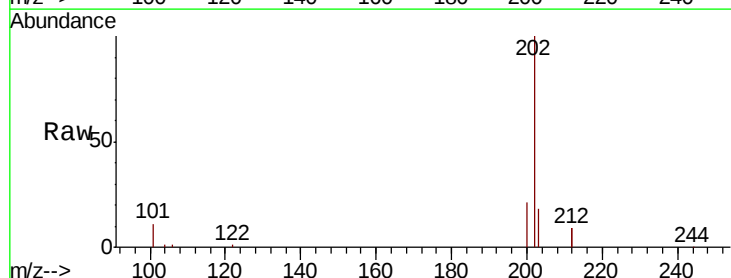
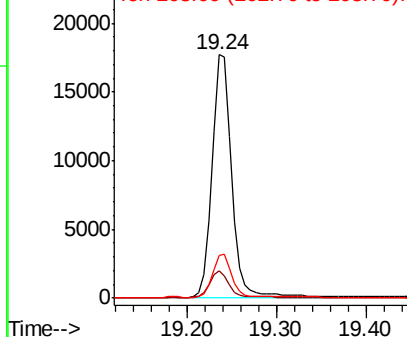
Tgt Ion:	202	Resp:	26821
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.6	12.8
203	17.2	13.8	20.6

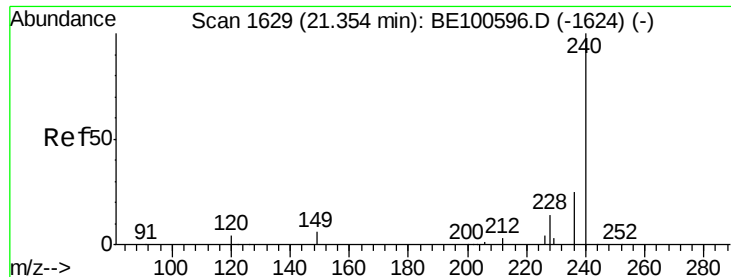
Abundance

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





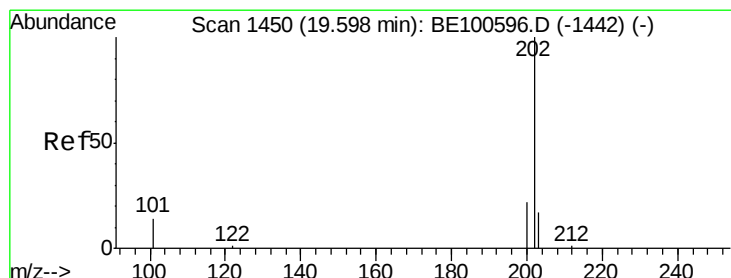
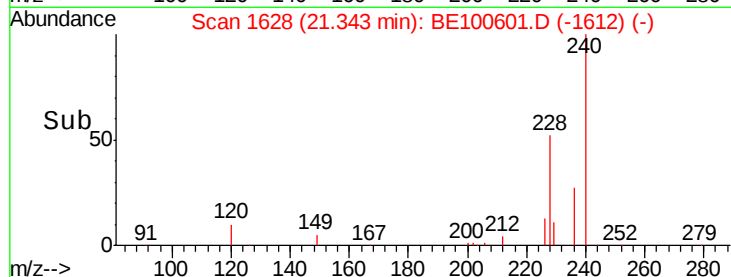
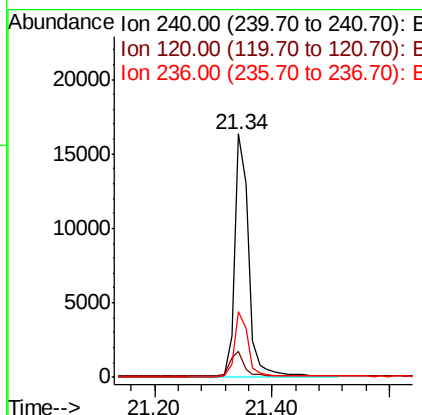
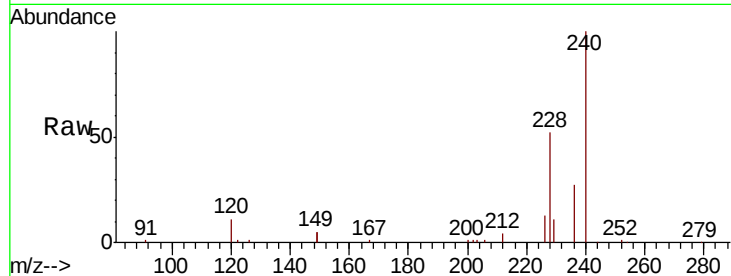
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	3.6	5.4#
236	26.9	20.5	30.7

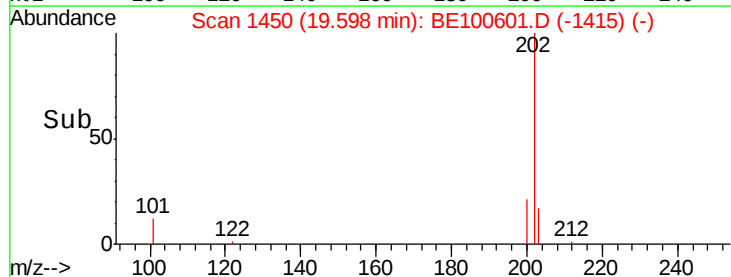
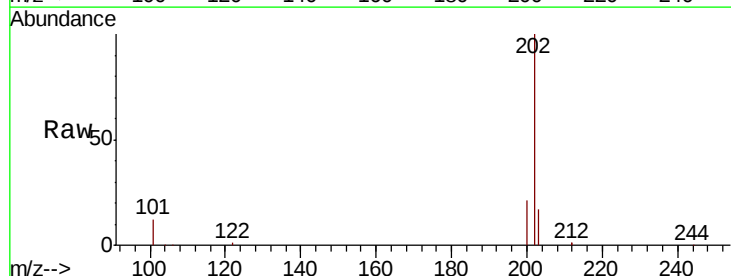
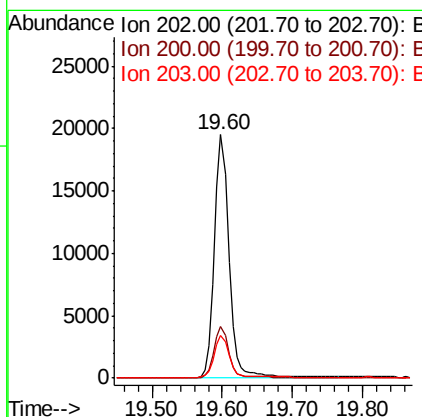
Manual Integrations
APPROVED

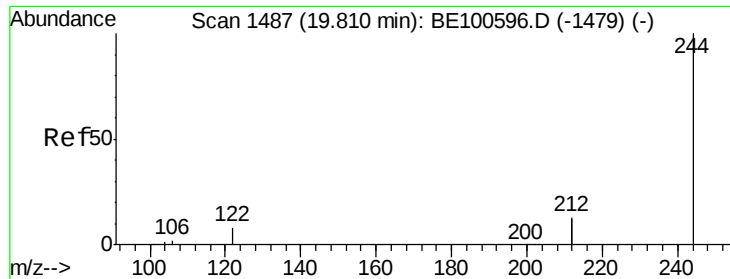
mohammad
10/7/2019 8:26:53 AM



#28
Pyrene
Concen: 0.403 ng
RT: 19.60 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.8	14.1	21.1





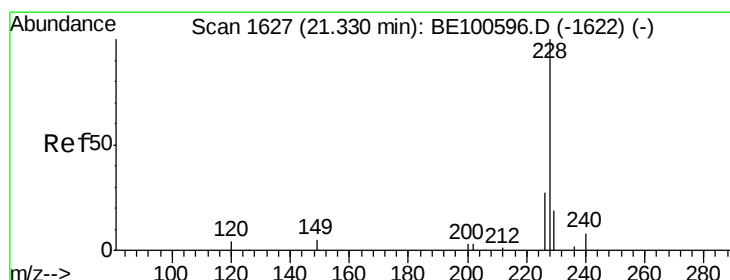
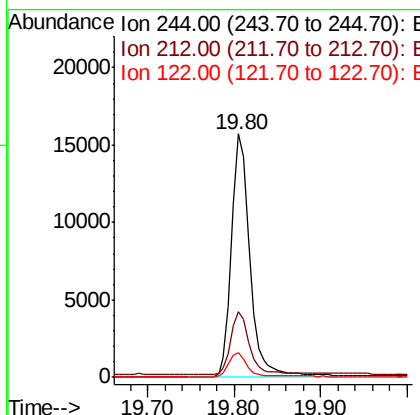
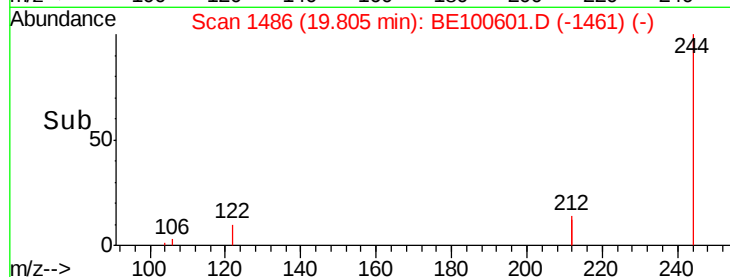
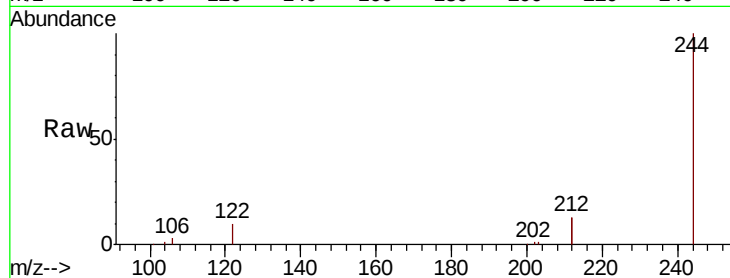
#29
 Terphenyl-d14
 Concen: 0.386 ng
 RT: 19.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BE100601.D
 Acq: 3 Oct 2019 21:04

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100319

Tot Ion	Ratio	Lower	Upper
244	100		
212	27.0	20.6	31.0
122	9.9	6.5	9.7

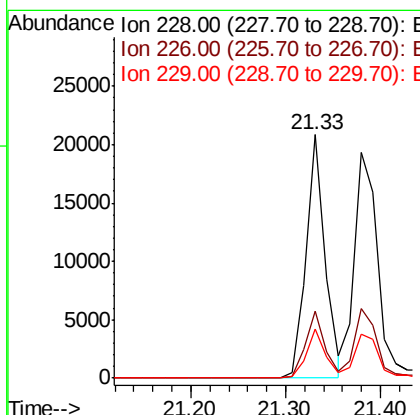
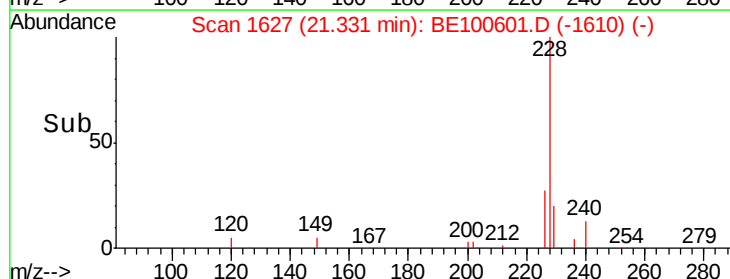
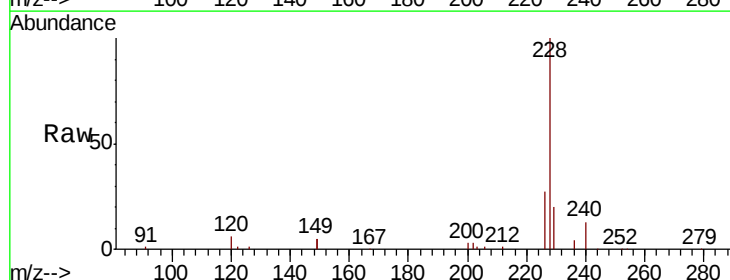
Manual Integrations
 APPROVED

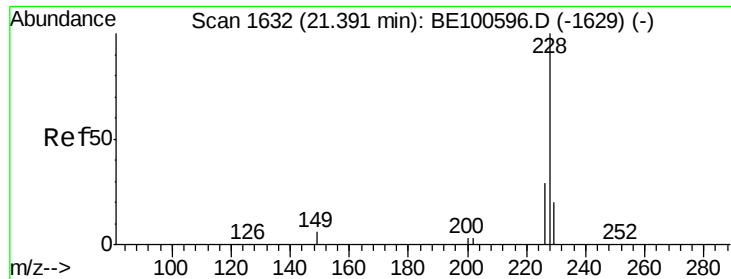
mohammad
 10/7/2019 8:26:53 AM



#30
 Benzo(a)anthracene
 Concen: 0.380 ng
 RT: 21.33 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BE100601.D
 Acq: 3 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.0	15.6	23.4





#31

Chrysene

Concen: 0.393 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

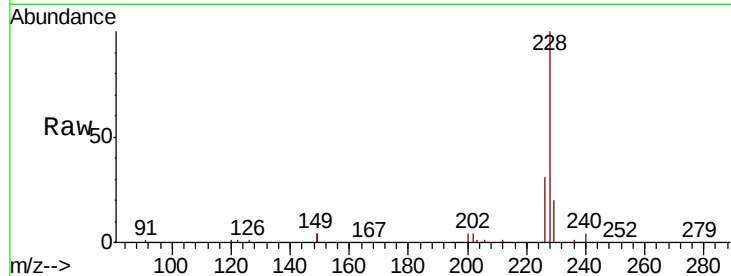
ClientSampleId :

ICVBE100319

Tot Ion:	228	Resp:	31608
Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.7	34.1
229	19.6	16.3	24.5

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM

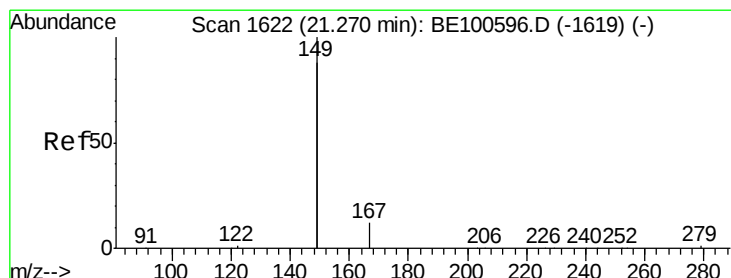
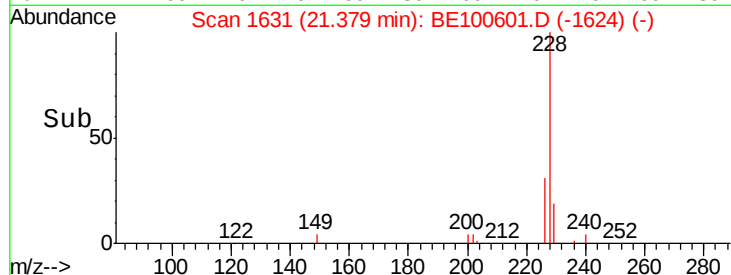
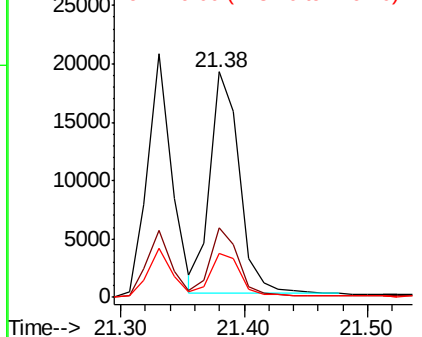


Abundance

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: 0.328 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

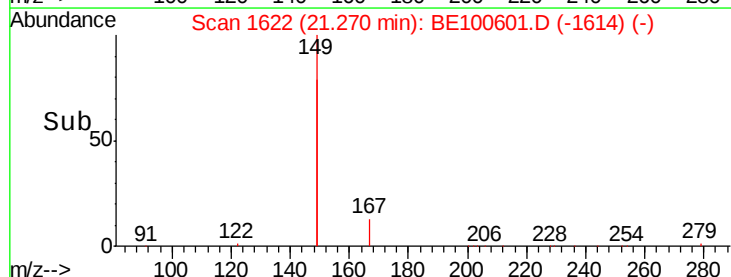
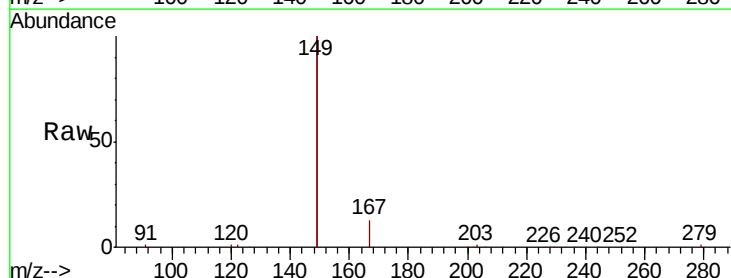
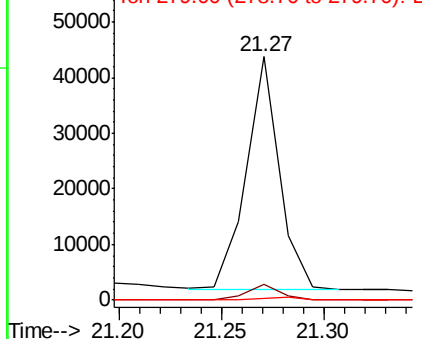
Tgt Ion:	149	Resp:	47054
Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.2	0.9	1.3

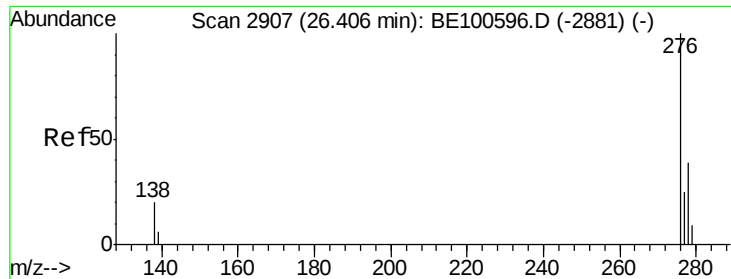
Abundance

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





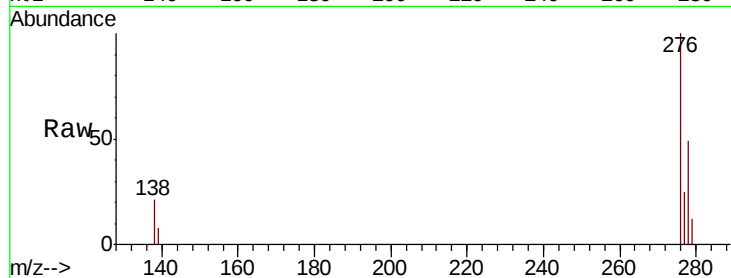
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 26.41 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	20.6	17.8	26.8		
277	24.0	19.8	29.8		

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM

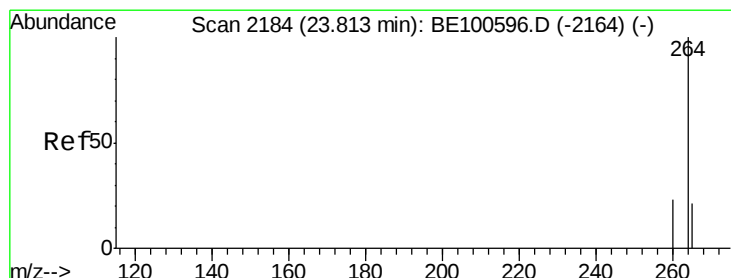
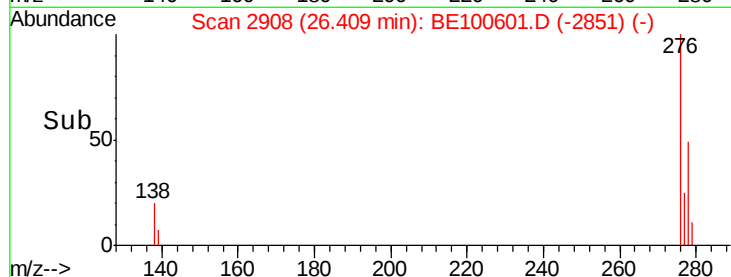
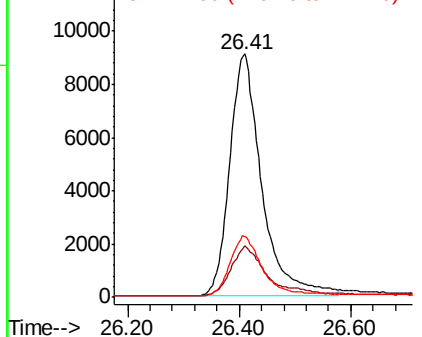


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

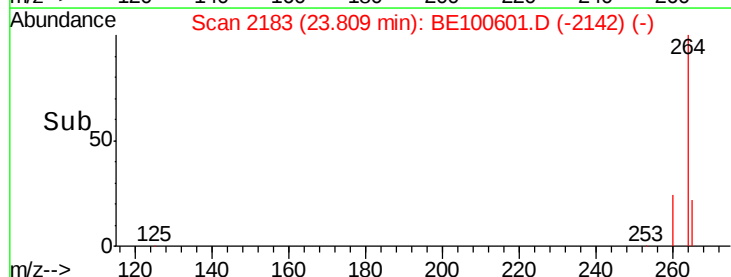
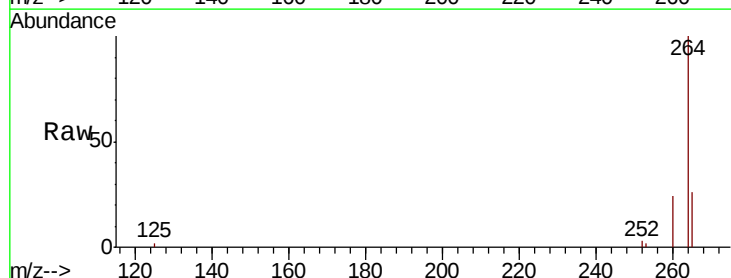
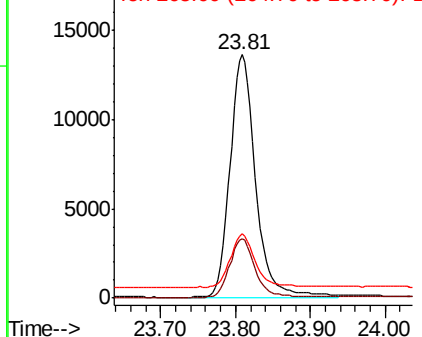
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.5	19.0	28.4		
265	26.3	20.9	31.3		

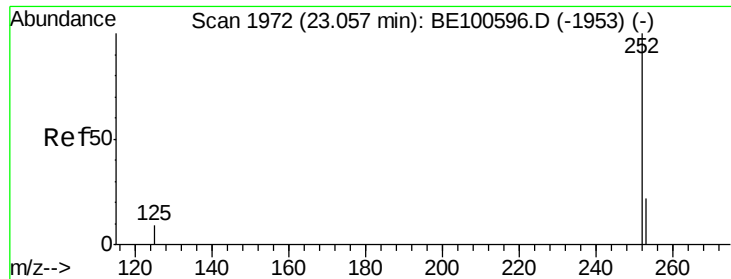
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





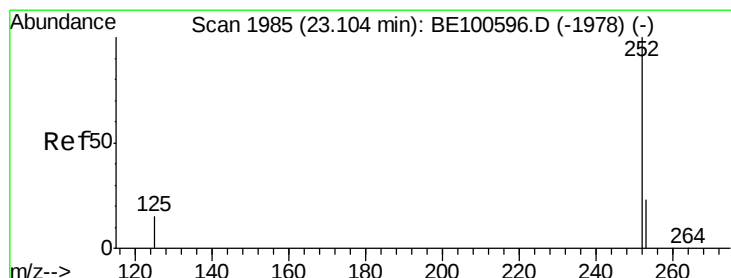
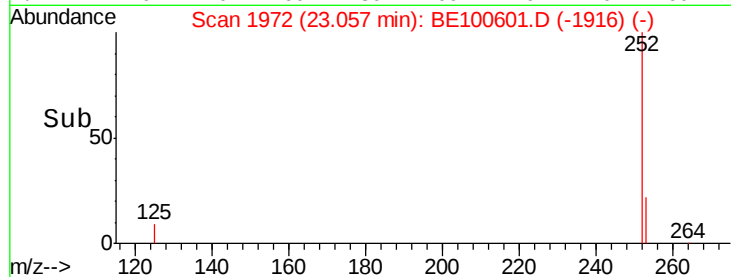
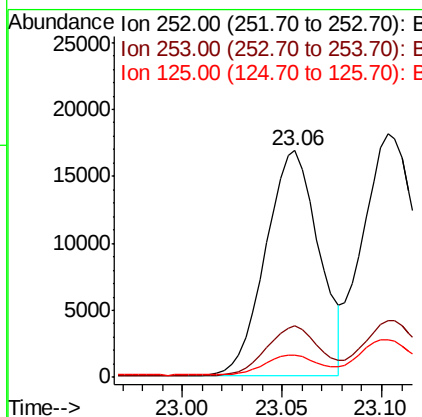
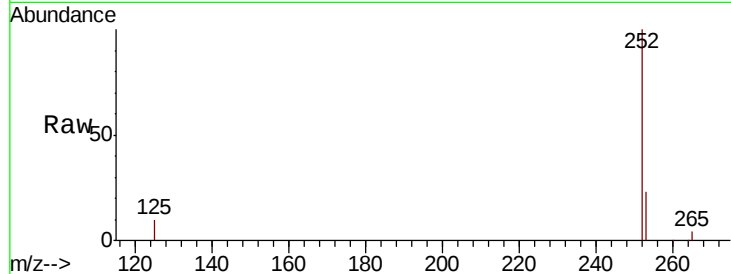
#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 23.06 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	9.8	7.9	11.9

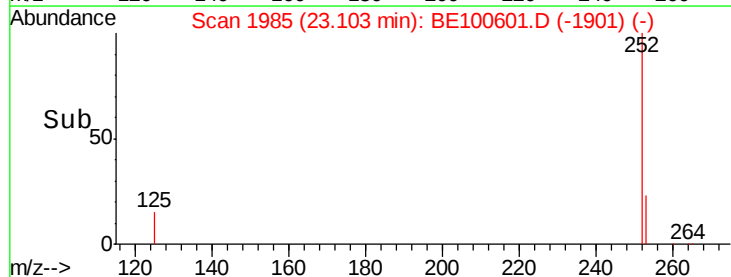
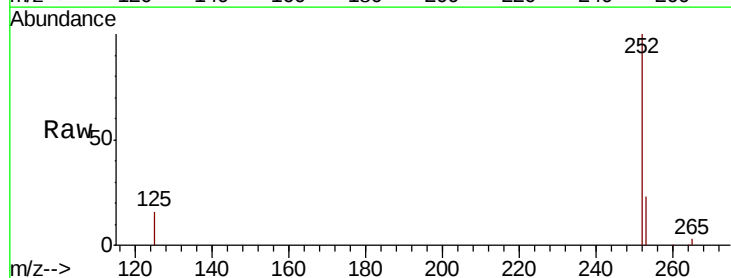
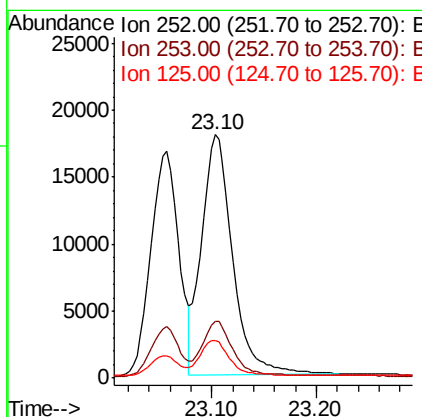
Manual Integrations
APPROVED

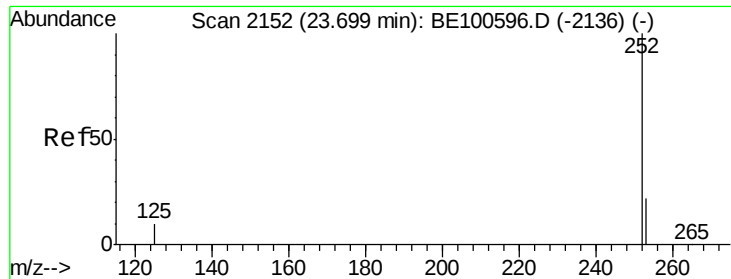
mohammad
10/7/2019 8:26:53 AM



#36
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	15.6	11.4	17.0





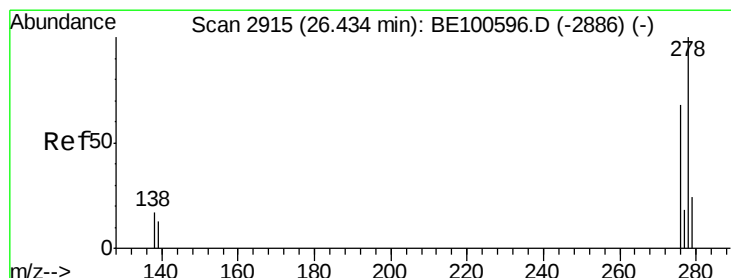
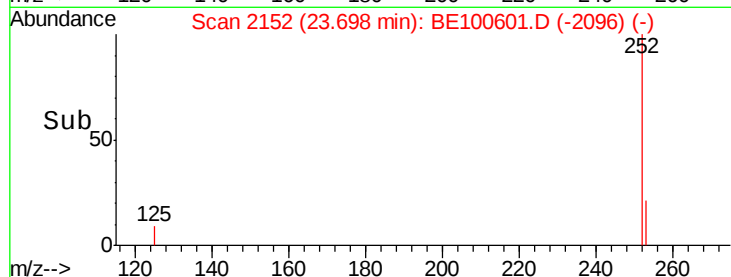
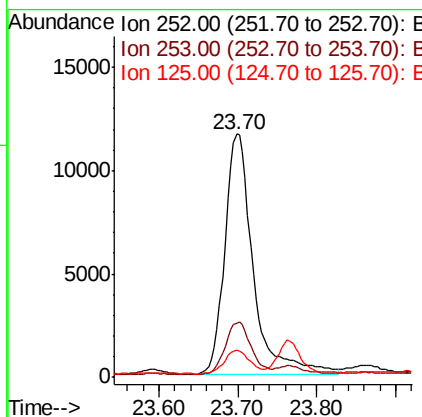
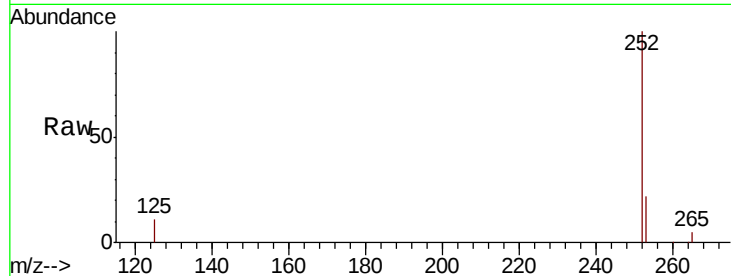
#37
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	11.0	8.8	13.2

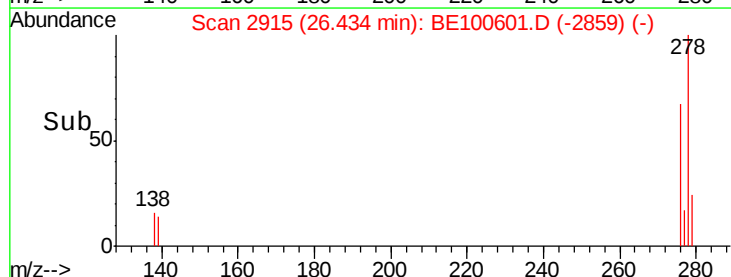
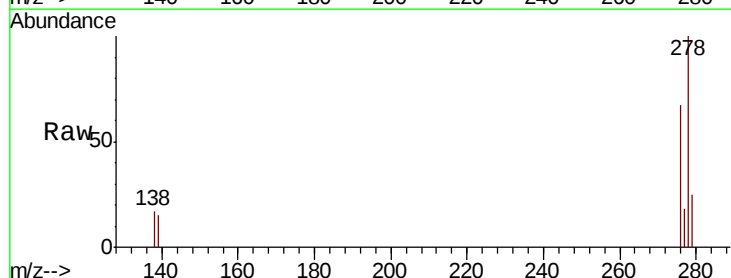
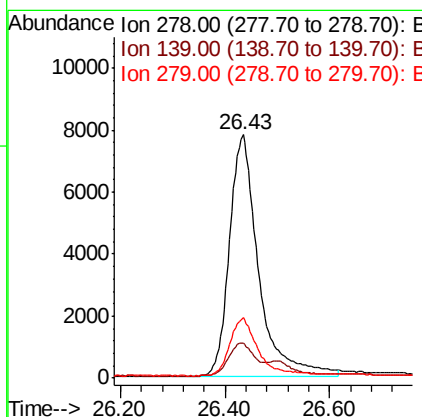
Manual Integrations
APPROVED

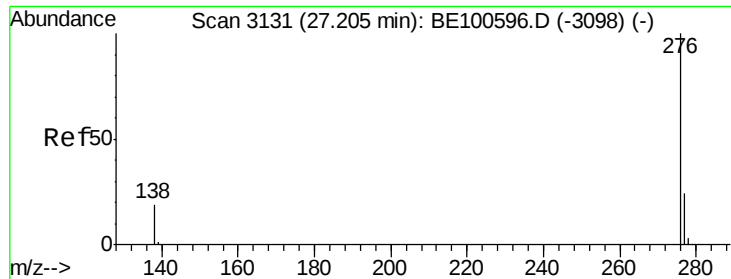
mohammad
10/7/2019 8:26:53 AM



#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.43 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BE100601.D
Acq: 3 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.0	16.4
279	24.7	19.7	29.5





#39

Benzo(a,h,i)perylene

Concen: 0.370 ng

RT: 27.20 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BE100601.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

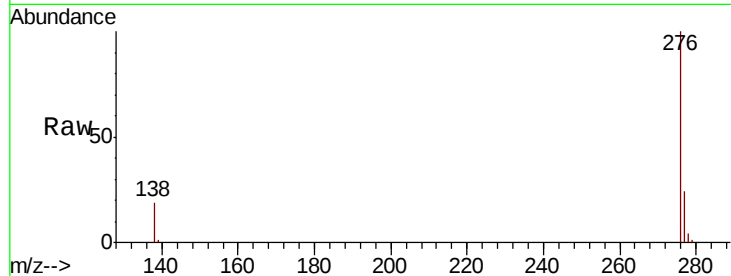
ClientSampleId :

ICVBE100319

Tot Ion:	276	Resp:	31627
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.5	29.3
138	19.0	15.6	23.4

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:53 AM



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

