

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099736.D
 Acq On : 24 May 2019 11:23
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

mohammad
 5/27/2019 4:01:10 AM

Quant Time: May 24 21:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon May 20 19:29:40 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1138	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	4239	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	3102	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9979	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17020	0.40	ng	0.00
34) Perylene-d12	23.94	264	18336	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	1302	0.45	ng	-0.01
5) Phenol-d6	6.96	99	1719	0.45	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1696	0.46	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3041	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	983	0.54	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4854	0.41	ng	0.00
25) Fluoranthene-d10	19.26	212	58015	0.43	ng	0.00
29) Terphenyl-d14	19.86	244	12176	0.40	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	728	0.432	ng	# 96
3) n-Nitrosodimethylamine	3.60	42	433	0.466	ng	# 86
6) bis(2-Chloroethyl)ether	7.23	93	1466	0.433	ng	99
9) Naphthalene	10.65	128	18649	0.411	ng	100
10) Hexachlorobutadiene	10.94	225	1370	0.410	ng	97
12) 2-Methylnaphthalene	12.28	142	3147	0.426	ng	98
16) Acenaphthylene	14.20	152	6110	0.423	ng	100
17) Acenaphthene	14.54	154	3379	0.416	ng	98
18) Fluorene	15.51	166	5096	0.426	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	2303	0.400	ng	# 89
21) Hexachlorobenzene	16.52	284	2356	0.400	ng	99
22) Pentachlorophenol	16.88	266	1020	0.720	ng	93
23) Phenanthrene	17.27	178	10319	0.423	ng	99
24) Anthracene	17.36	178	9280	0.420	ng	99
26) Fluoranthene	19.29	202	16368	0.425	ng	100
28) Pyrene	19.65	202	17400	0.407	ng	100
30) Benzo(a)anthracene	21.39	228	20538	0.425	ng	100
31) Chrysene	21.45	228	21240	0.411	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	30045	0.539	ng	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	25373	0.406	ng	99
35) Benzo(b)fluoranthene	23.16	252	20575m	0.409	ng	
36) Benzo(k)fluoranthene	23.21	252	20852	0.398	ng	100
37) Benzo(a)pyrene	23.83	252	19929	0.412	ng	# 97
38) Dibenzo(a,h)anthracene	26.66	278	20375	0.401	ng	# 98
39) Benzo(g,h,i)perylene	27.46	276	20597	0.402	ng	100

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

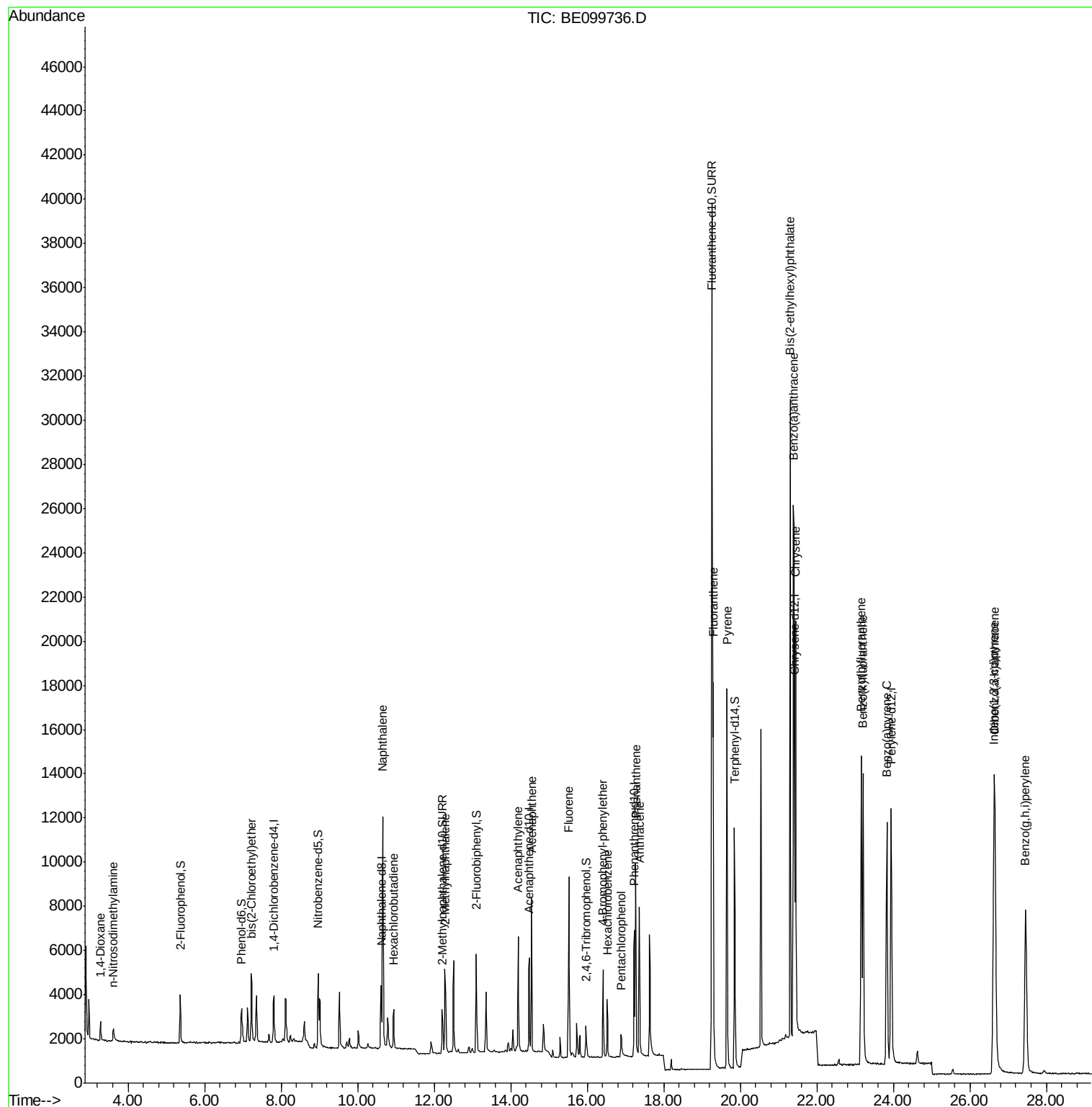
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
Data File : BE099736.D
Acq On : 24 May 2019 11:23
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

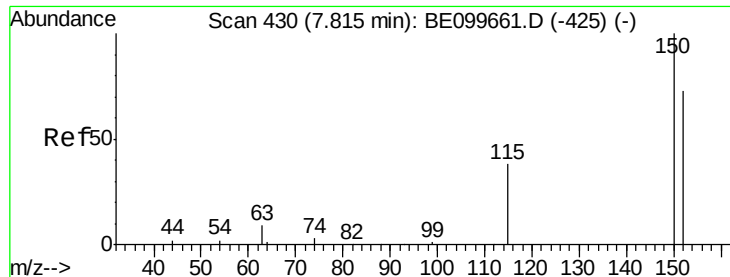
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM

Quant Time: May 24 21:37:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

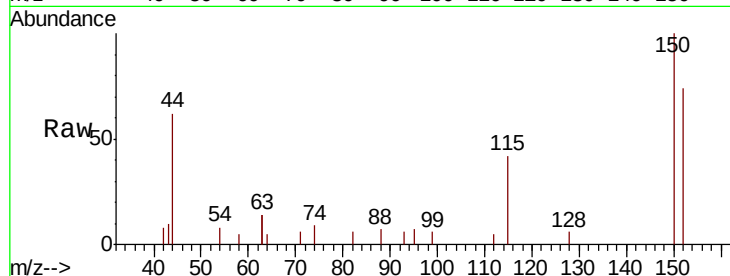
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampled :
SSTDCCC0.4

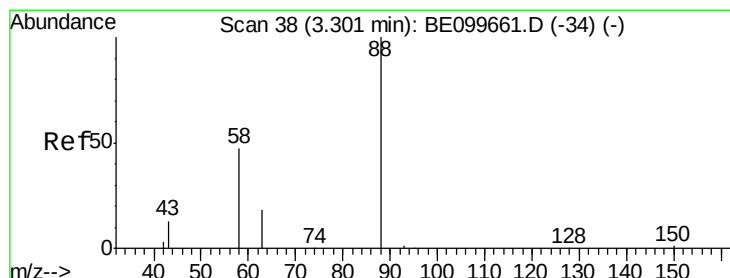
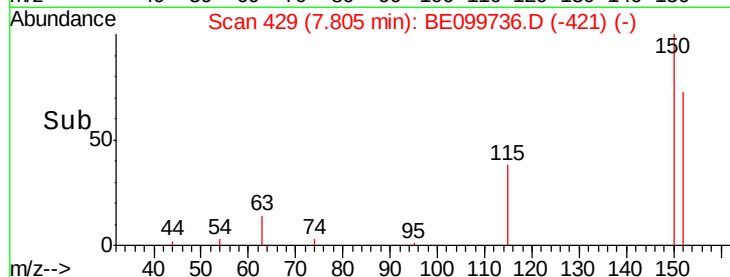
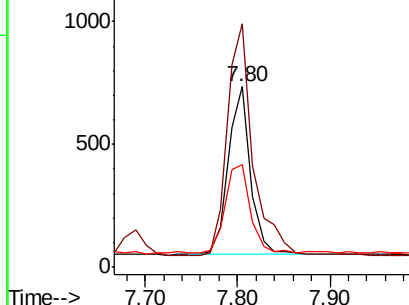
Tot Ion	Ratio	Lower	Upper
152	100		
150	135.0	109.2	163.8
115	56.7	43.7	65.5

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM



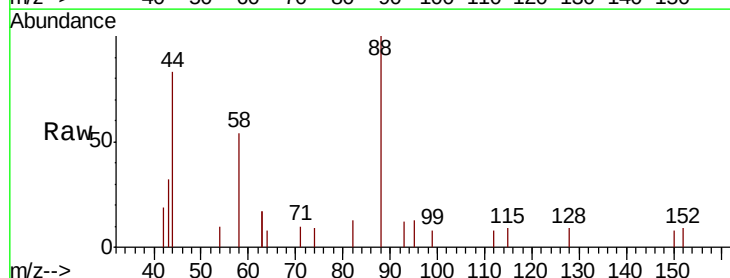
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



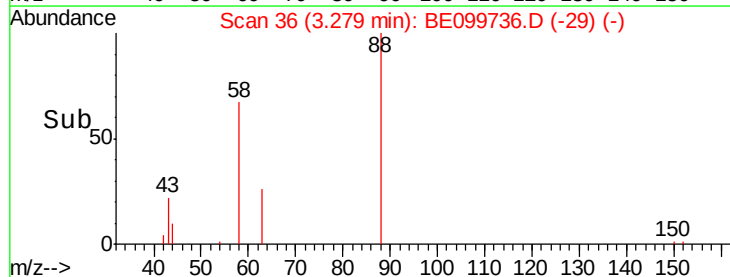
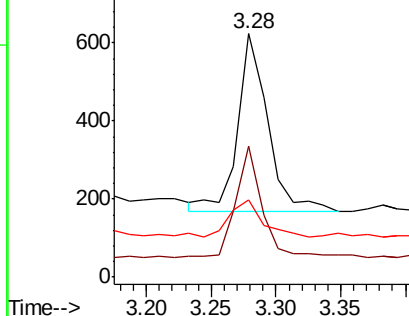
#2

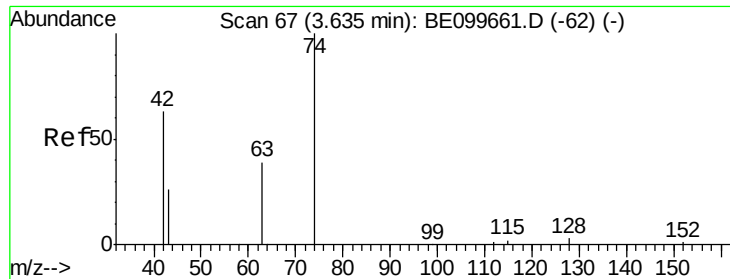
1,4-Dioxane
Concen: 0.432 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.2	41.8	62.8
43	23.2	15.0	22.4



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: 0.466 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.03 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Instrument :

BNA_E

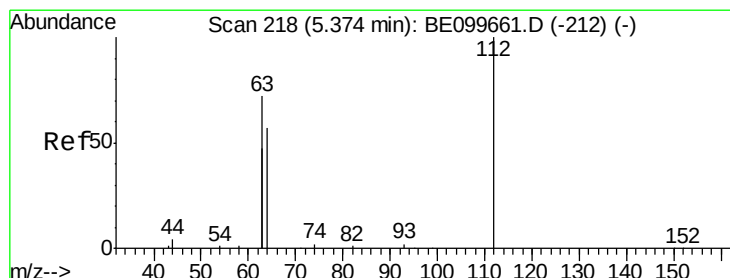
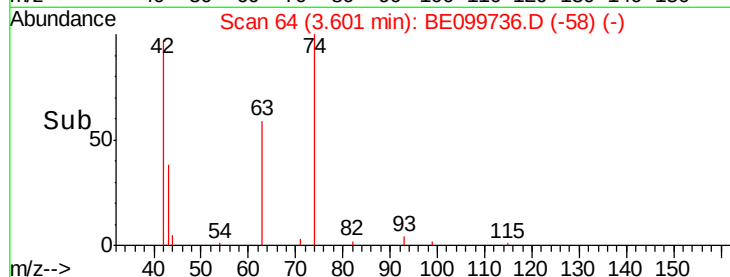
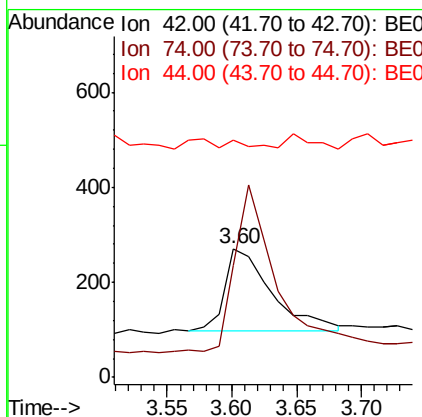
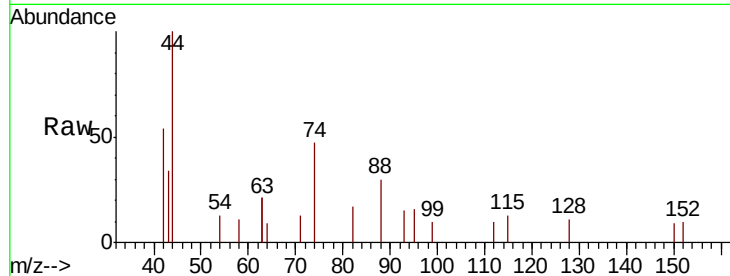
ClientSampleId :

SSTDCCC0.4

Tot Ion:	42	Resp:	433
Ion	Ratio	Lower	Upper
42	100		
74	179.9	129.2	193.8
44	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM



#4

2-Fluorophenol

Concen: 0.453 ng

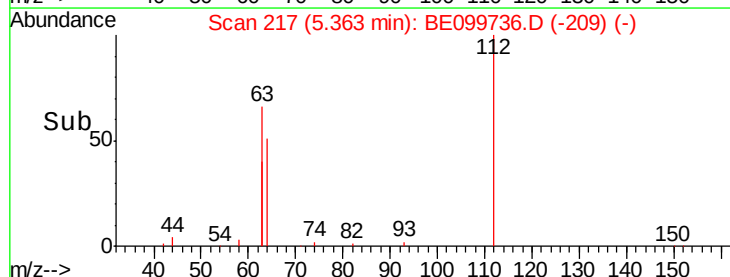
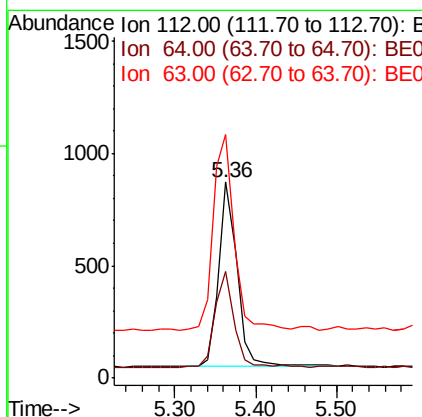
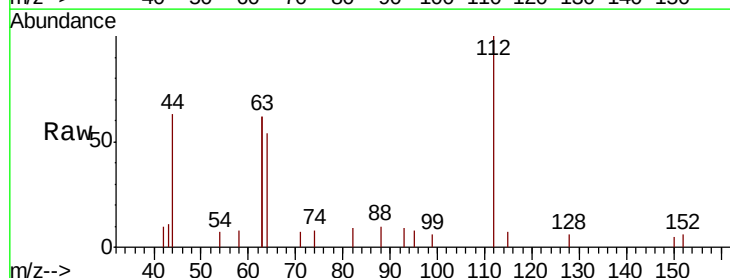
RT: 5.36 min Scan# 217

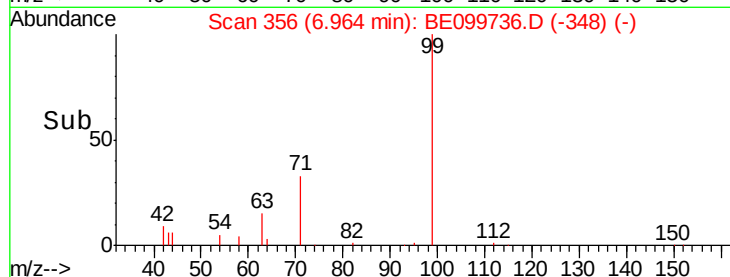
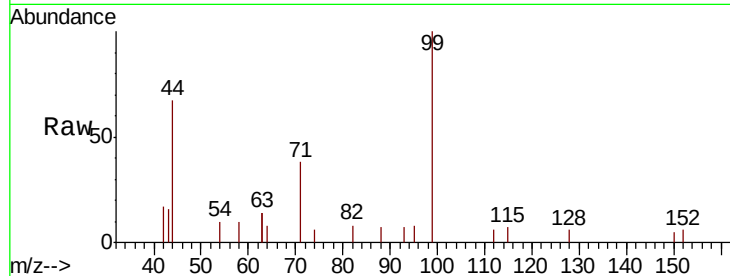
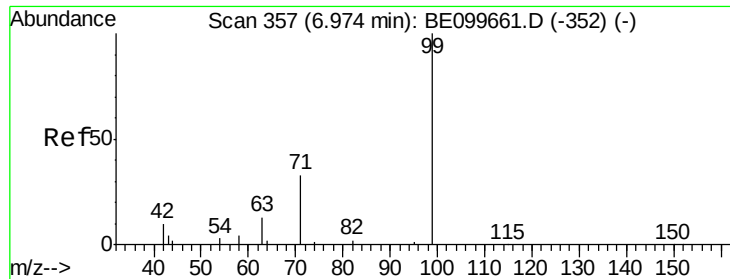
Delta R.T. -0.01 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Tgt Ion:	112	Resp:	1302
Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.4	65.2
63	121.4	96.9	145.3





#5

Phenol-d6

Concen: 0.452 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Tot Ion:	99	Resp:	1719
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.2	18.2
71	37.9	28.9	43.3

Instrument :

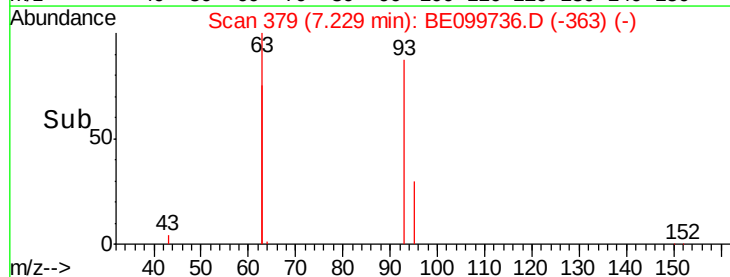
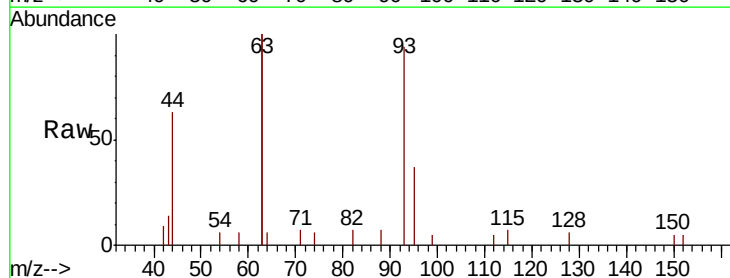
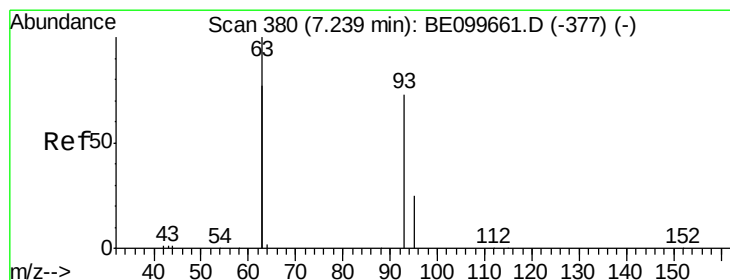
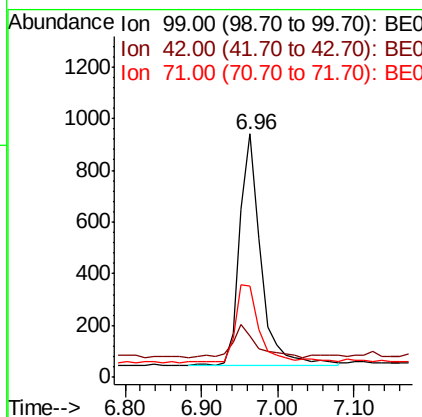
BNA_E

ClientSampleId :

SSTDCCC0.4

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM



#6

bis(2-Chloroethyl)ether

Concen: 0.433 ng

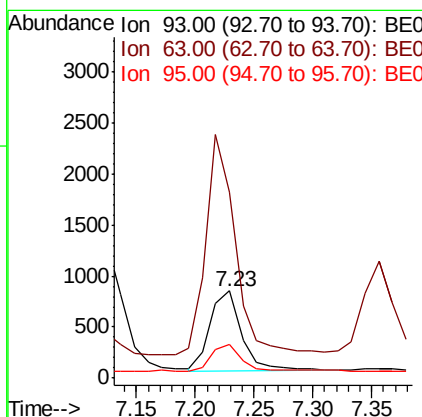
RT: 7.23 min Scan# 379

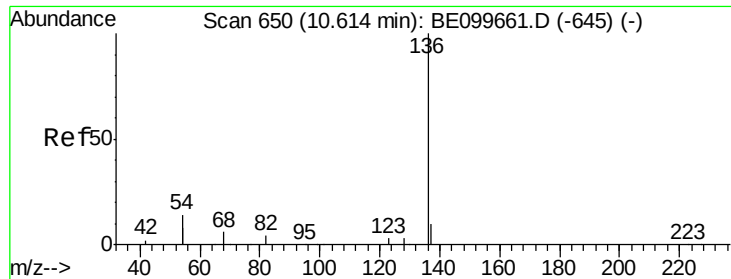
Delta R.T. -0.01 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Tgt Ion:	93	Resp:	1466
Ion	Ratio	Lower	Upper
93	100		
63	259.7	207.8	311.6
95	36.8	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Instrument :

BNA_E

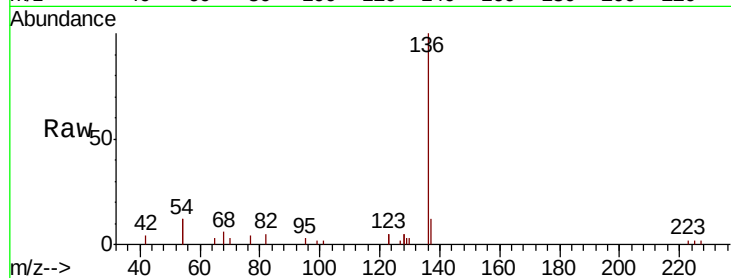
ClientSampleId :

SSTDCCC0.4

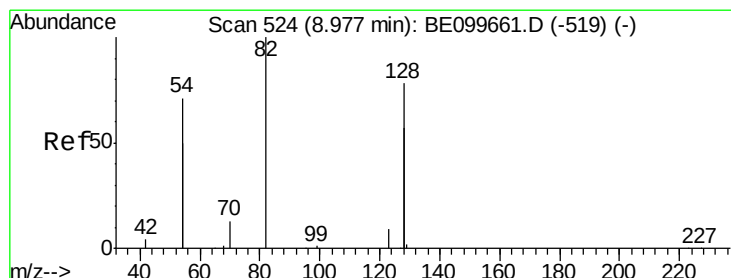
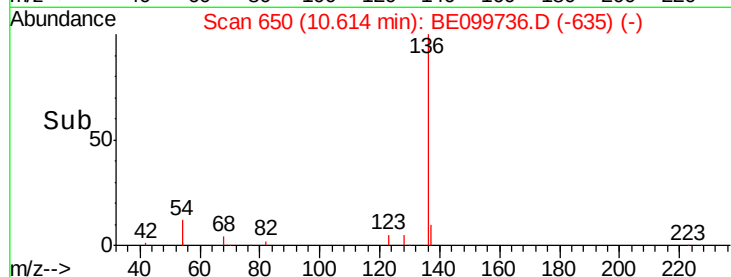
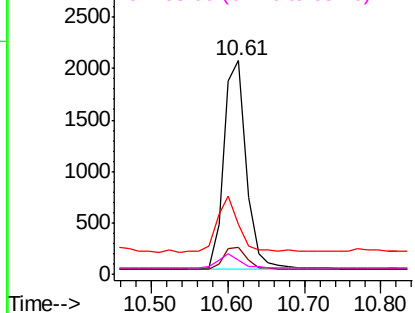
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.0	13.6
54	23.6	22.3	33.5
68	6.5	6.0	9.0

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.462 ng

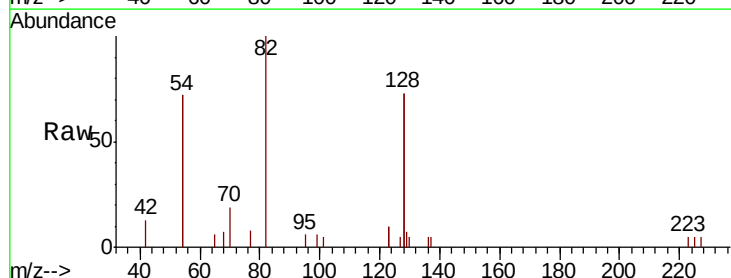
RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

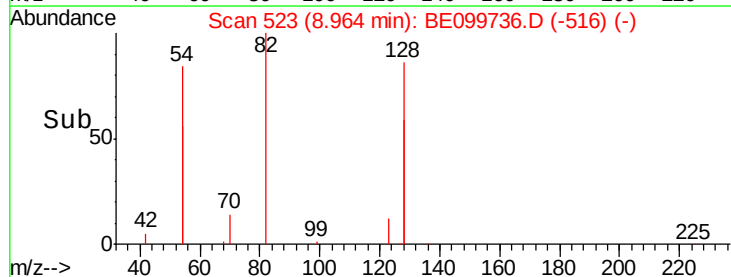
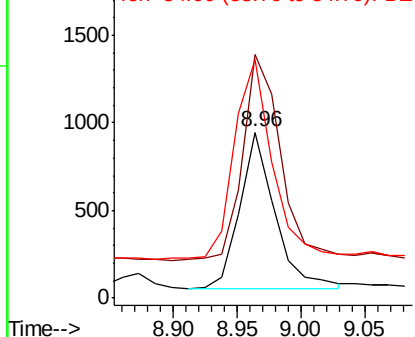
Lab File: BE099736.D

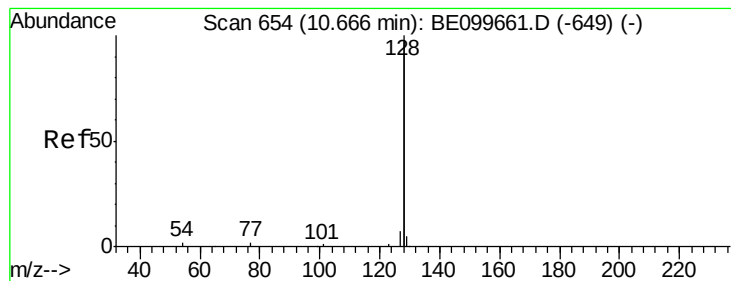
Acq: 24 May 2019 11:23

Tgt Ion	Ratio	Lower	Upper
82	100		
128	146.6	117.7	176.5
54	143.9	106.6	160.0



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.411 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Instrument :

BNA_E

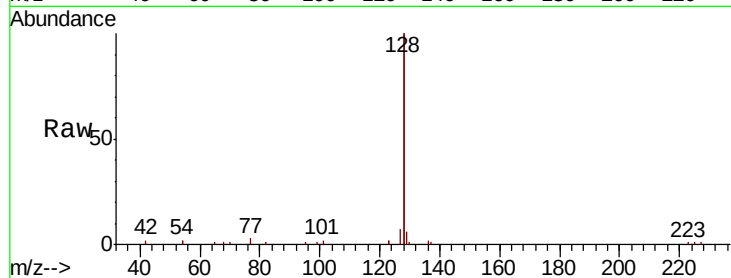
ClientSampled :

SSTDCCC0.4

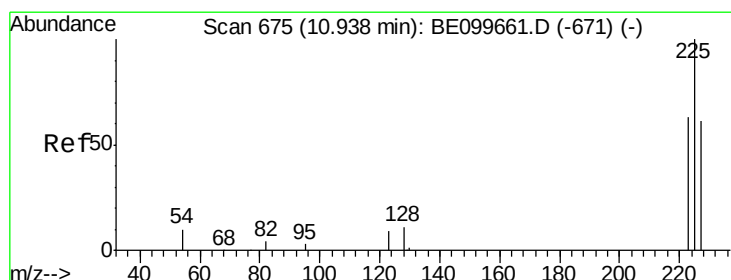
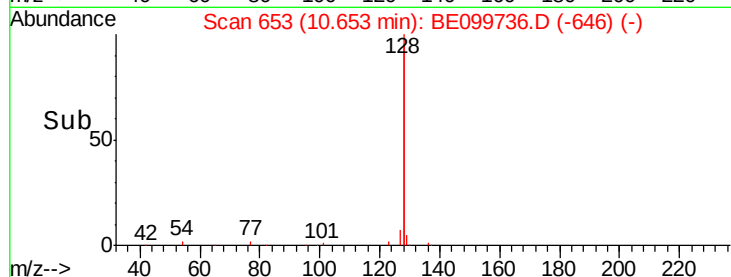
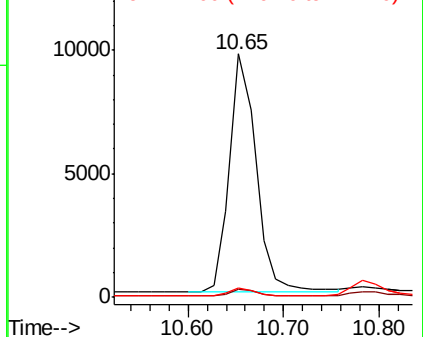
Tot Ion:	128	Resp:	18649
Ion Ratio	Lower	Upper	
128	100		
129	3.1	2.4	3.6
127	3.7	2.9	4.3

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.410 ng

RT: 10.94 min Scan# 675

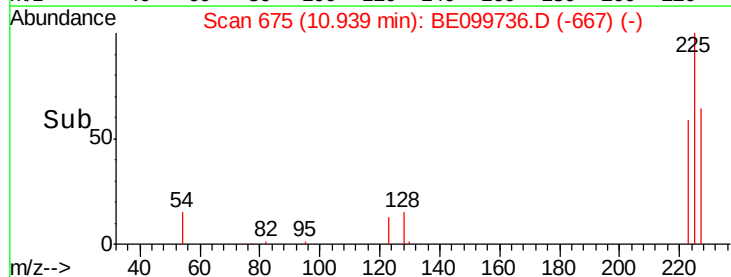
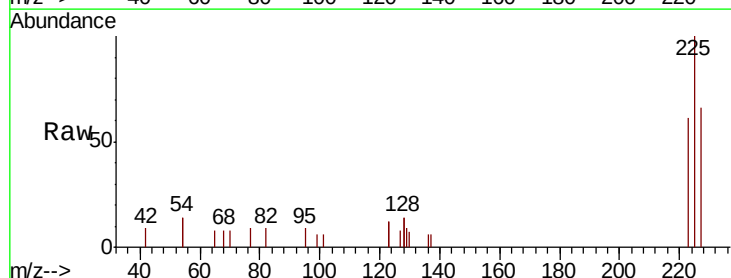
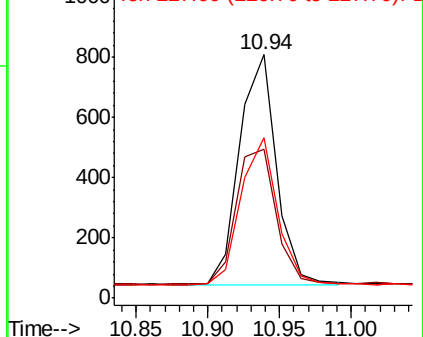
Delta R.T. 0.00 min

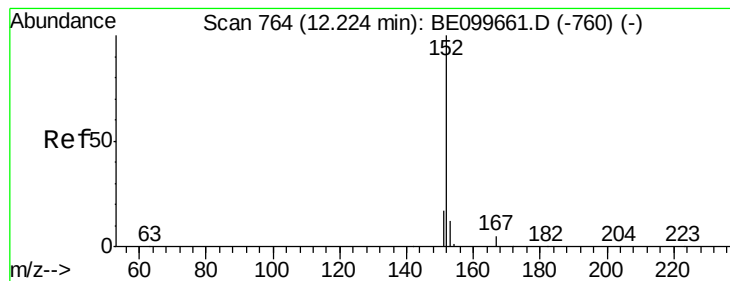
Lab File: BE099736.D

Acq: 24 May 2019 11:23

Tgt Ion:	225	Resp:	1370
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.8	77.6
227	62.8	52.6	79.0

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





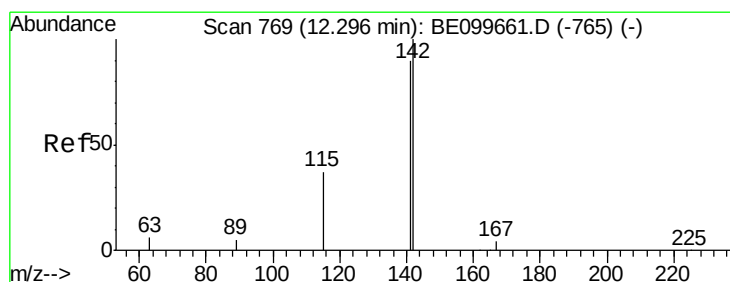
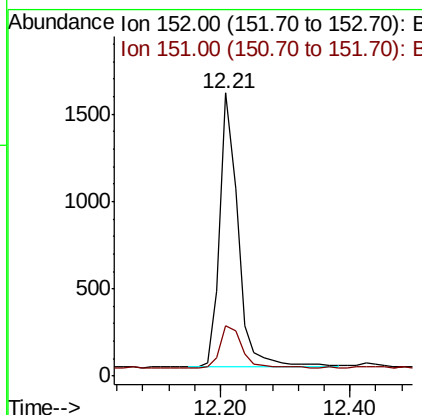
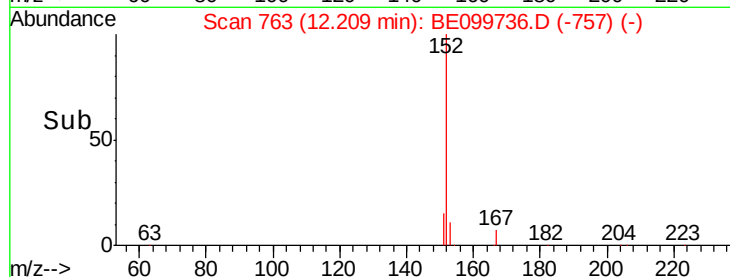
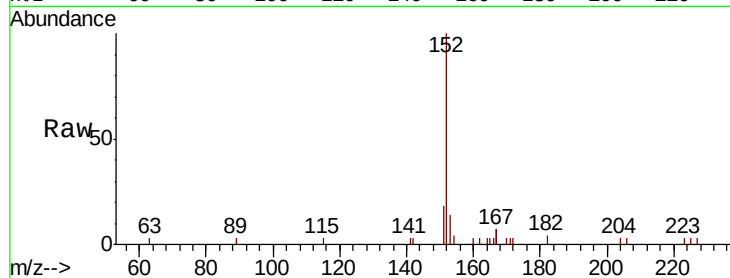
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.0	22.4

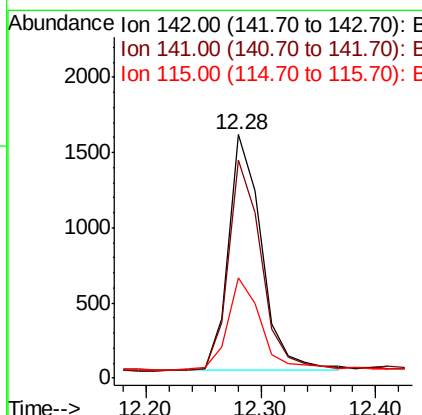
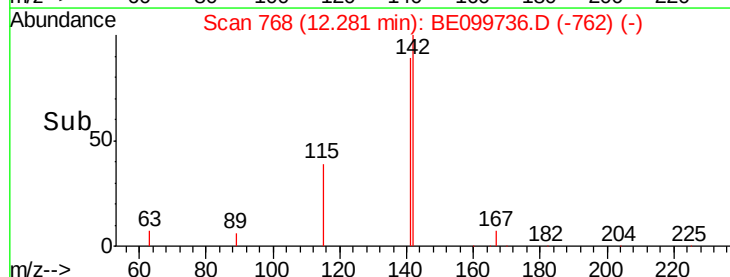
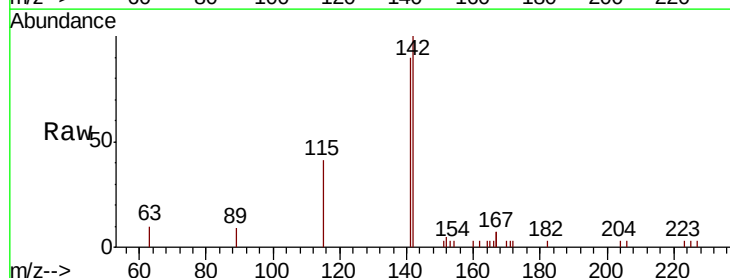
Manual Integrations
APPROVED

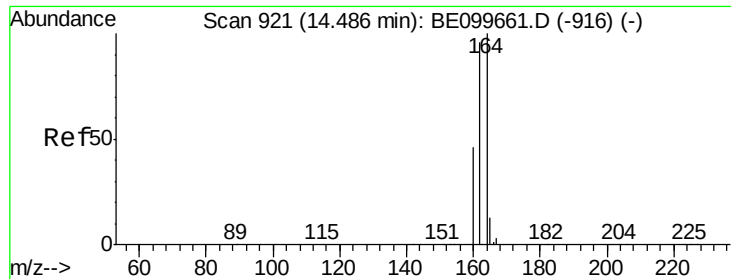
mohammad
5/27/2019 4:01:10 AM



#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.0	108.0
115	41.2	31.0	46.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.48 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Instrument :

BNA_E

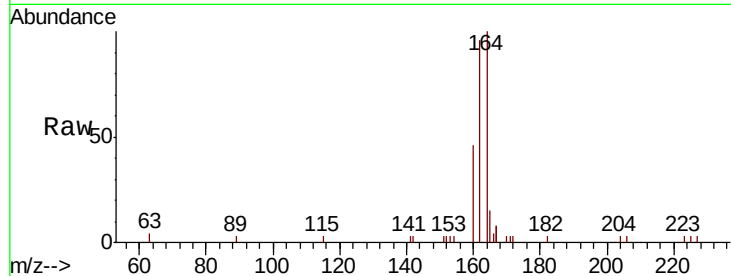
ClientSampleId :

SSTDCCC0.4

Tot Ion:	164	Resp:	3102
Ion Ratio	Lower	Upper	
164	100		
162	96.4	76.5	114.7
160	46.0	37.4	56.2

Manual Integrations
APPROVED

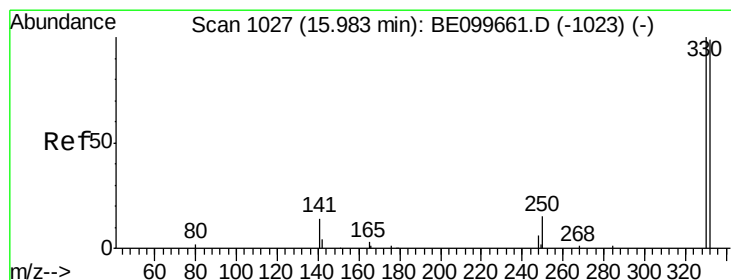
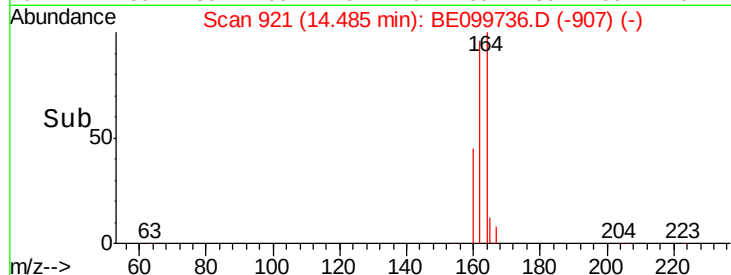
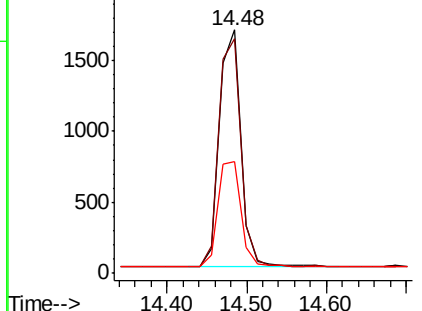
mohammad
5/27/2019 4:01:10 AM



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: 0.541 ng

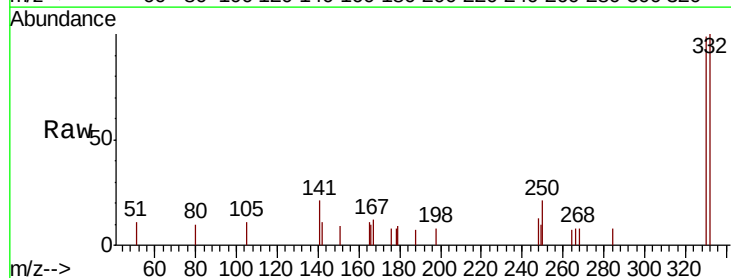
RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

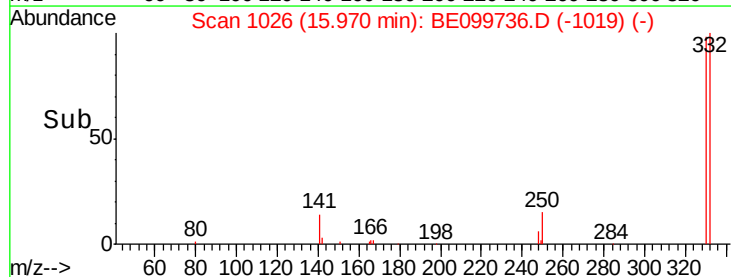
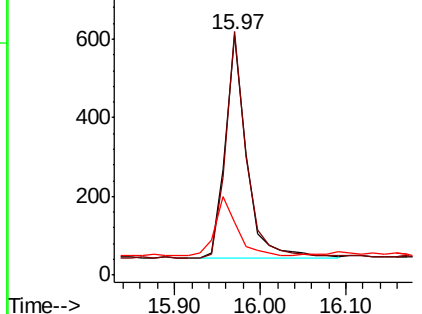
Tgt Ion:	330	Resp:	983
Ion Ratio	Lower	Upper	
330	100		
332	99.5	77.3	115.9
141	27.4	18.9	28.3

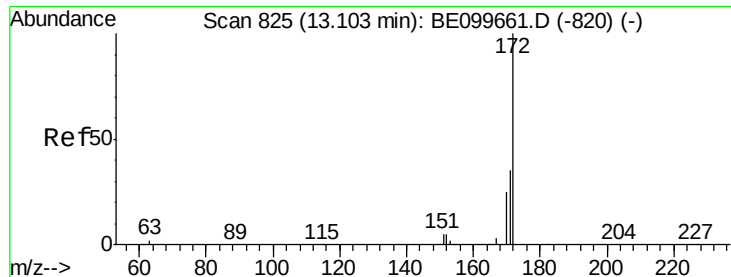


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





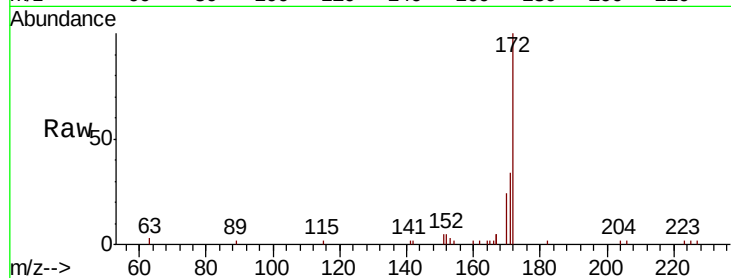
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.7	43.1
170	23.8	20.9	31.3

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM

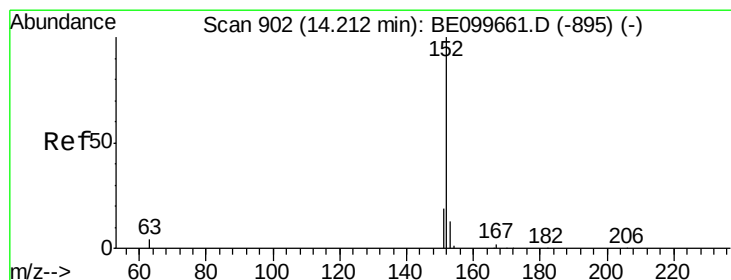
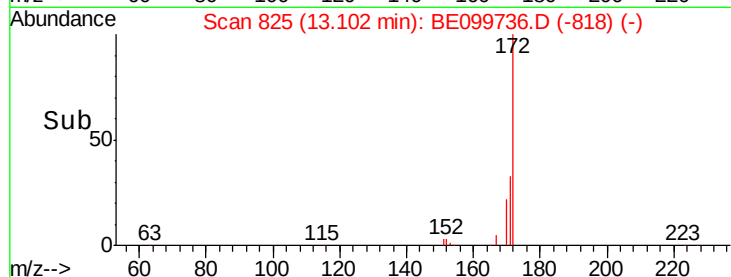
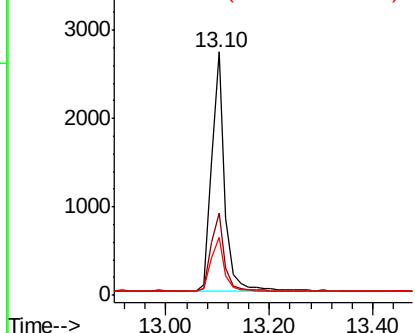


Abundance

Ion 172.00 (171.70 to 172.70): E

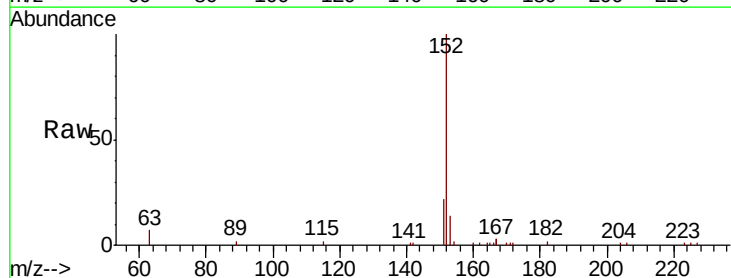
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.423 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.5	10.6	16.0

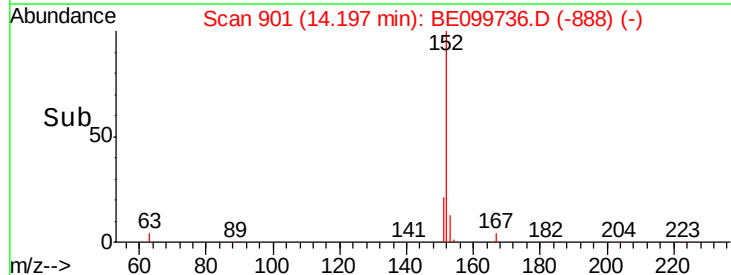
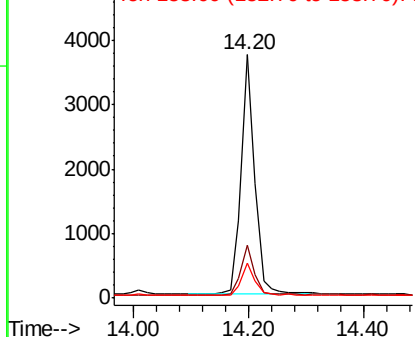


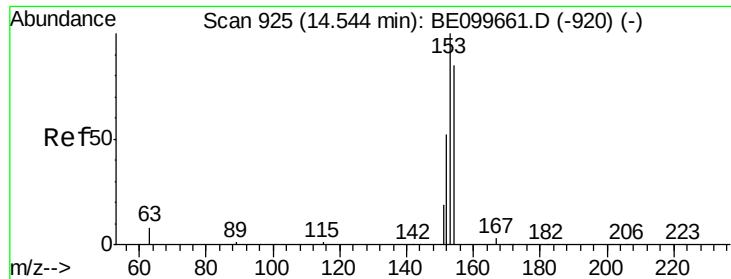
Abundance

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





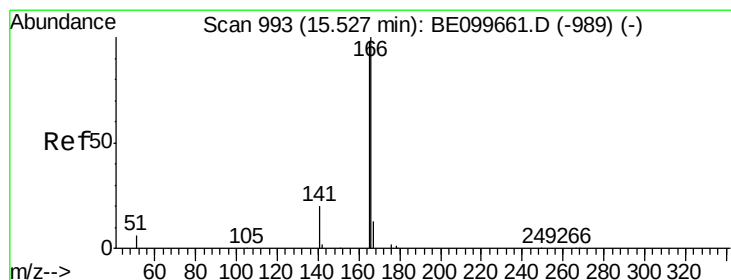
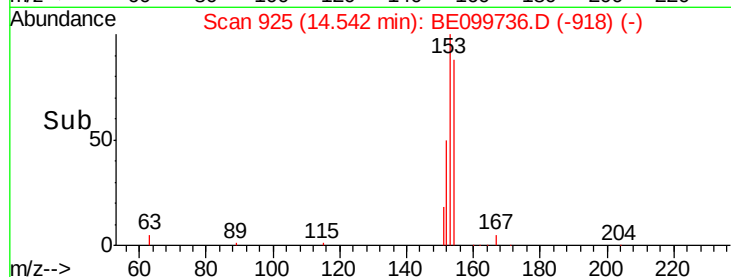
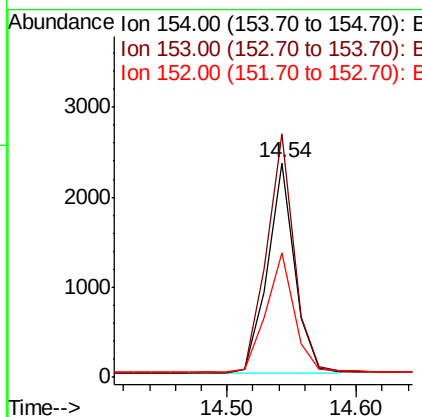
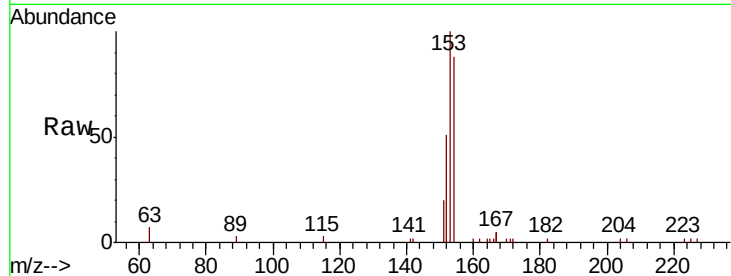
#17
Acenaphthene
Concen: 0.416 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.0	91.8	137.6
152	59.8	46.0	69.0

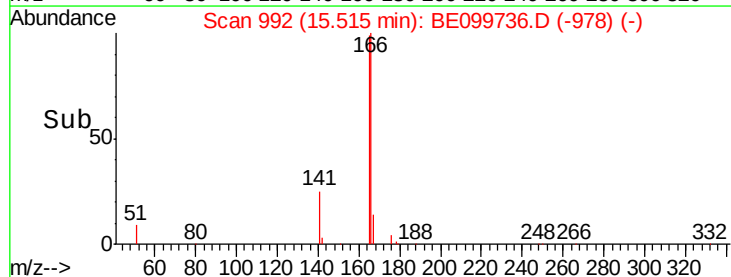
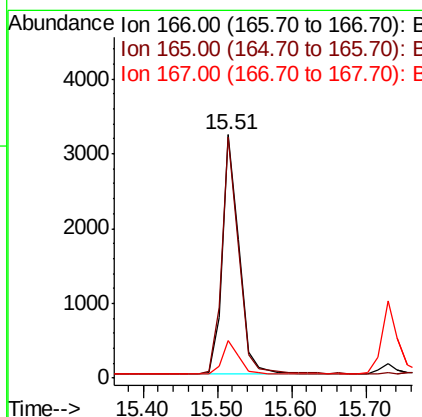
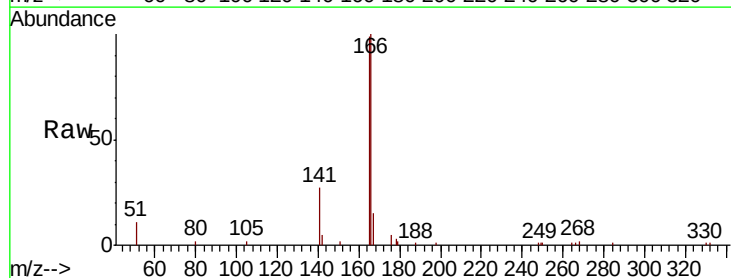
Manual Integrations
APPROVED

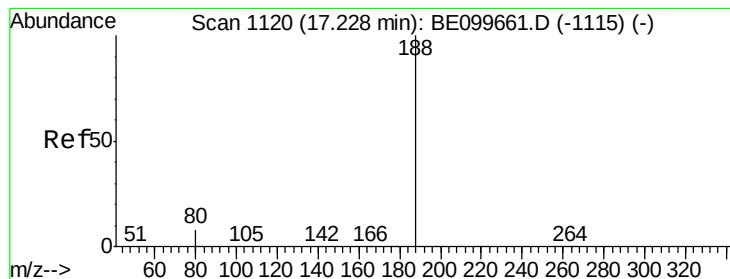
mohammad
5/27/2019 4:01:10 AM



#18
Fluorene
Concen: 0.426 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.3	120.5
167	14.0	10.6	16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Instrument :

BNA_E

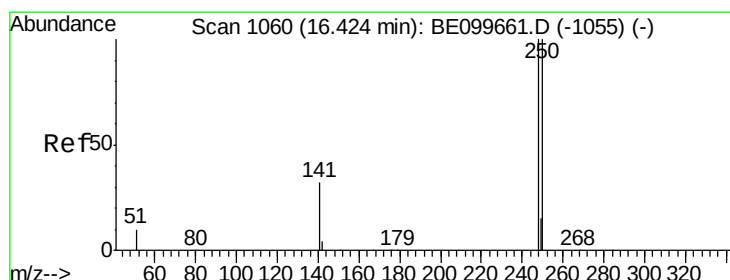
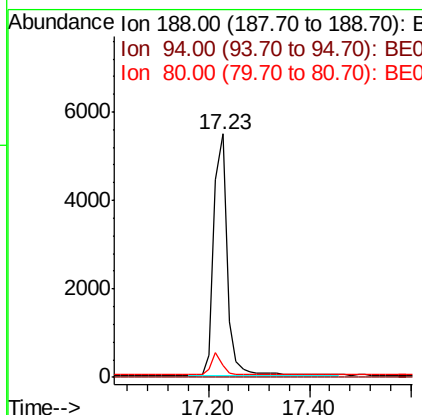
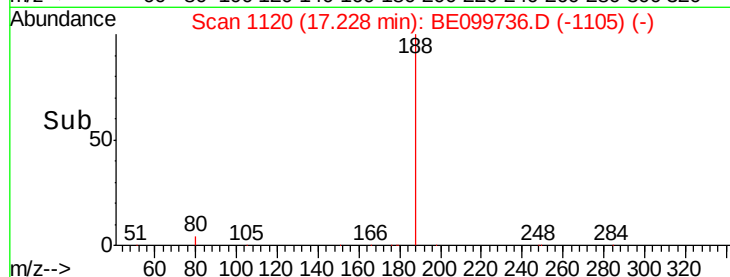
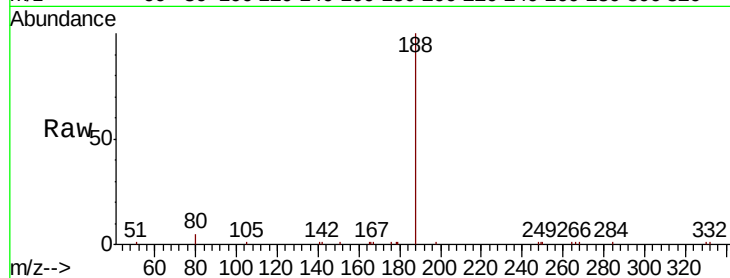
ClientSampleId :

SSTDCCC0.4

Tot Ion:	188	Resp:	9979
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.1	6.7	10.1#

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

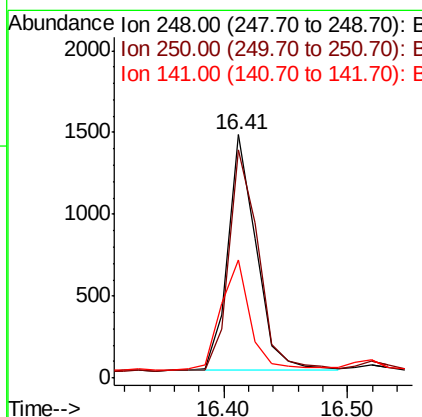
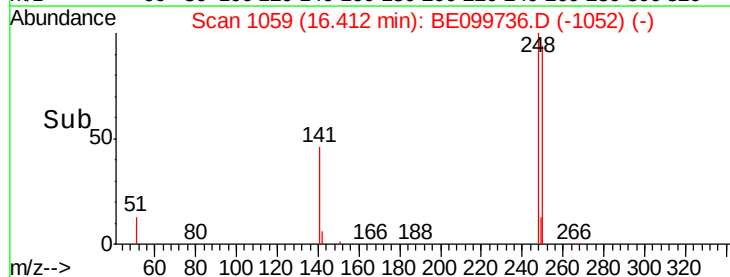
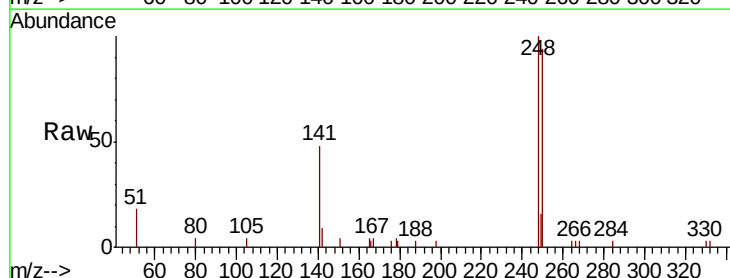
RT: 16.41 min Scan# 1059

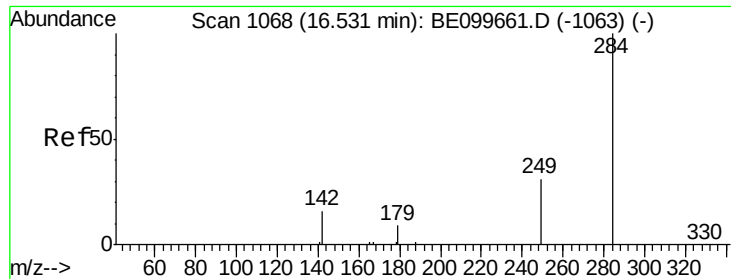
Delta R.T. -0.01 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Tgt Ion:	248	Resp:	2303
Ion Ratio	Lower	Upper	
248	100		
250	93.8	79.8	119.8
141	48.3	27.0	40.6#





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Instrument :

BNA_E

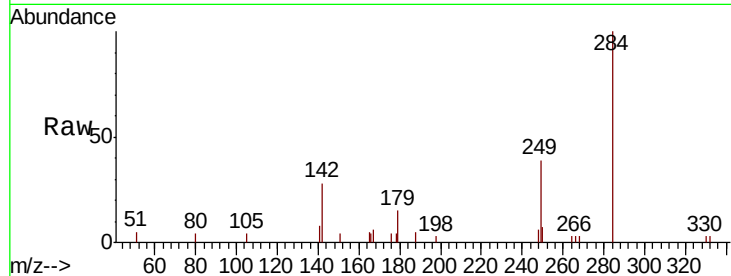
ClientSampleId :

SSTDCCC0.4

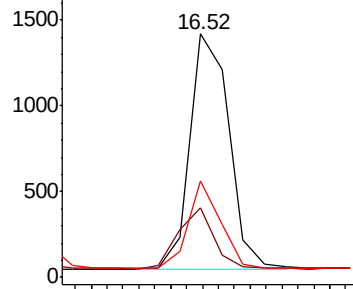
Tot Ion:	284	Resp:	2356
Ion Ratio	Lower	Upper	
284	100		
142	23.6	17.8	26.6
249	30.8	24.8	37.2

Manual Integrations
APPROVED

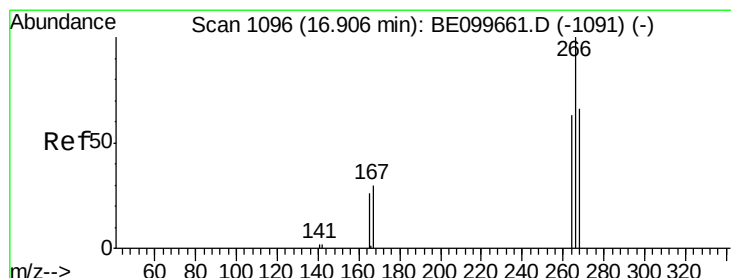
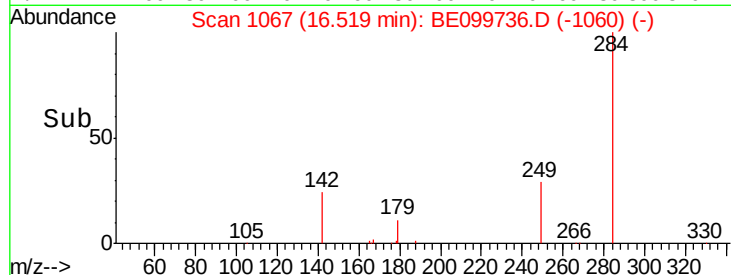
mohammad
5/27/2019 4:01:10 AM



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



Time-->



#22

Pentachlorophenol

Concen: 0.720 ng

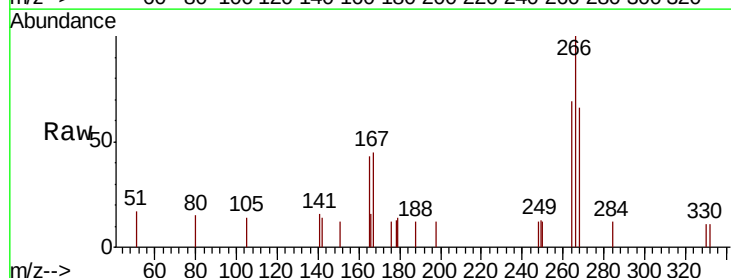
RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

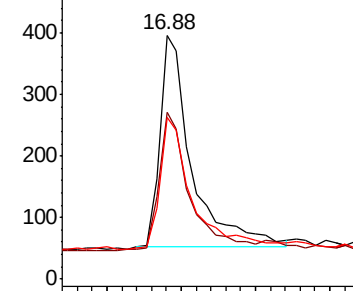
Lab File: BE099736.D

Acq: 24 May 2019 11:23

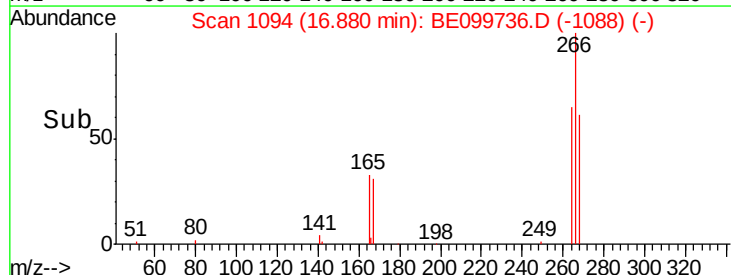
Tgt Ion:	266	Resp:	1020
Ion Ratio	Lower	Upper	
266	100		
264	68.7	57.2	85.8
268	66.4	60.5	90.7

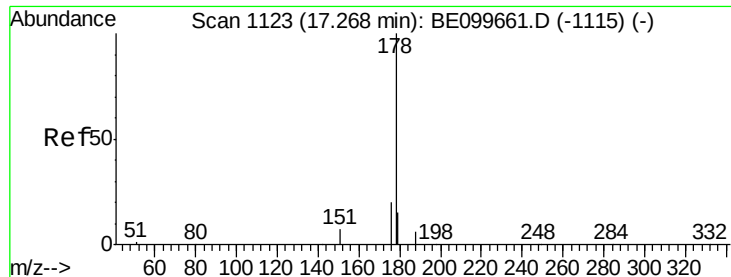


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.423 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Instrument :

BNA_E

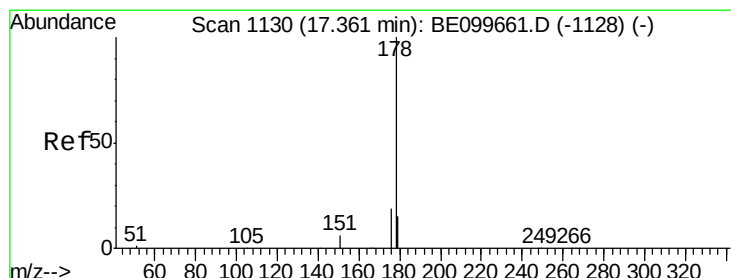
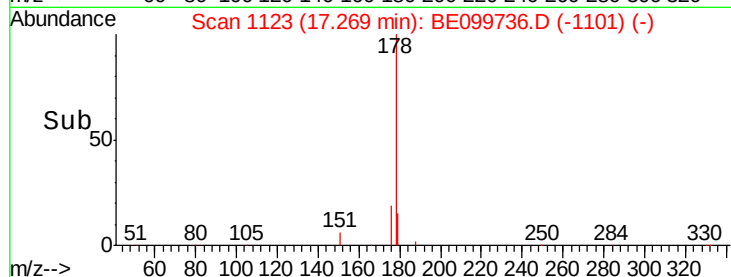
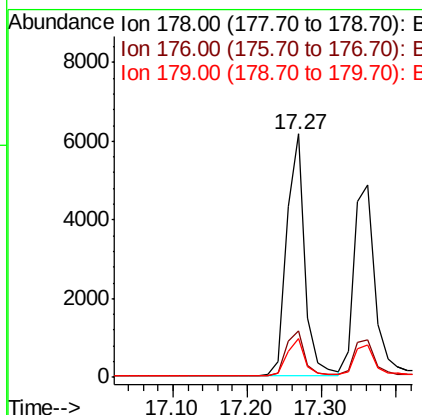
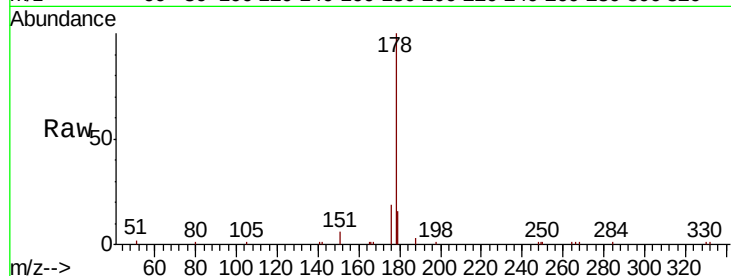
ClientSampleId :

SSTDCCC0.4

Tot Ion:178	Resp:	10319
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.6 23.4
179	15.4	12.2 18.4

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM



#24

Anthracene

Concen: 0.420 ng

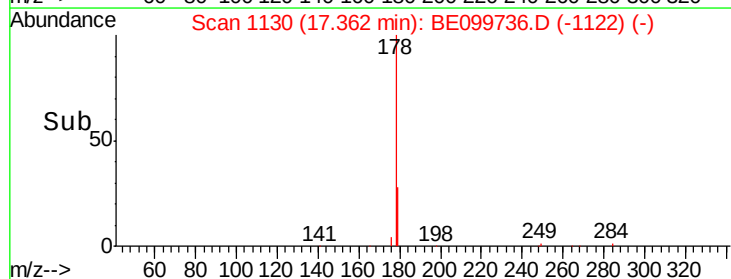
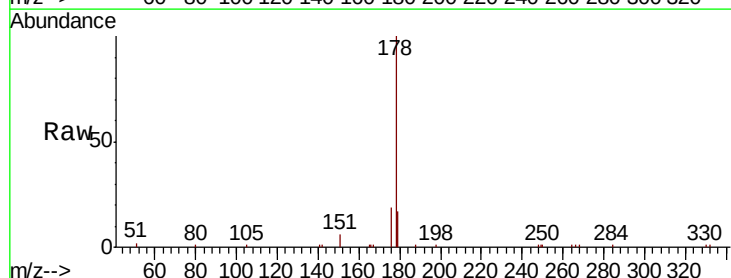
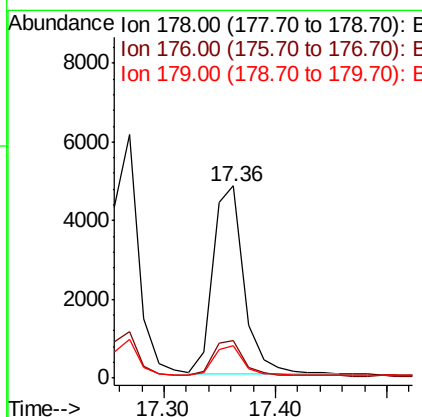
RT: 17.36 min Scan# 1130

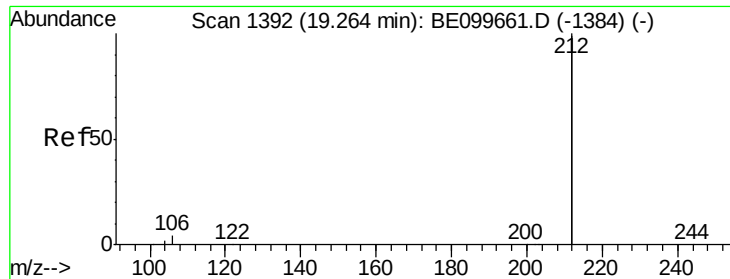
Delta R.T. 0.00 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Tgt Ion:178	Resp:	9280
Ion Ratio	Lower	Upper
178	100	
176	18.2	14.7 22.1
179	15.3	12.0 18.0





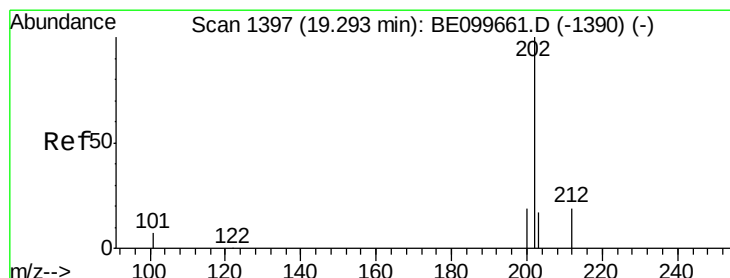
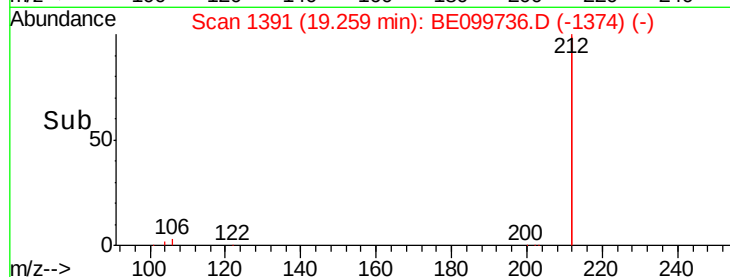
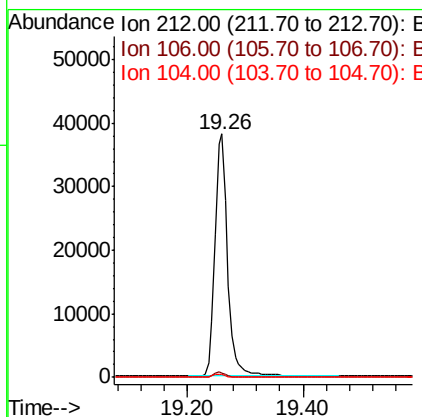
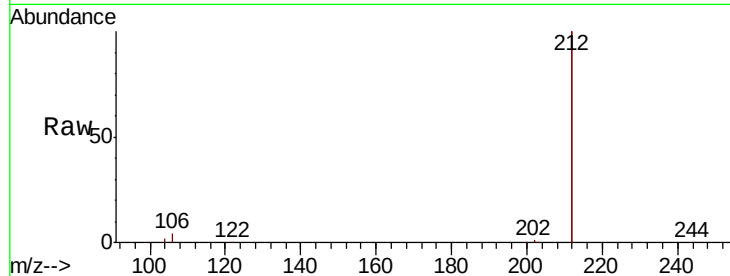
#25
 Fluoranthene-d10
 Concen: 0.425 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BE099736.D
 Acq: 24 May 2019 11:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.0	0.8	1.2

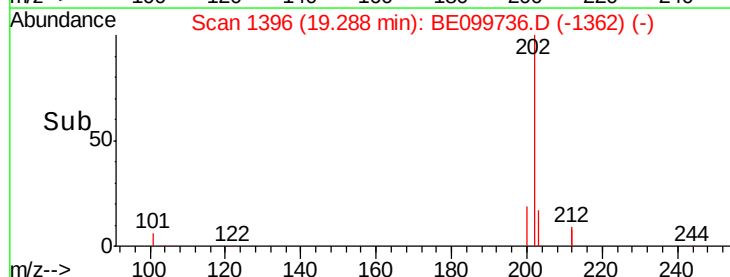
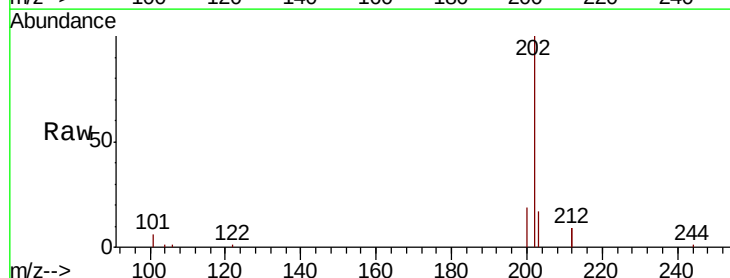
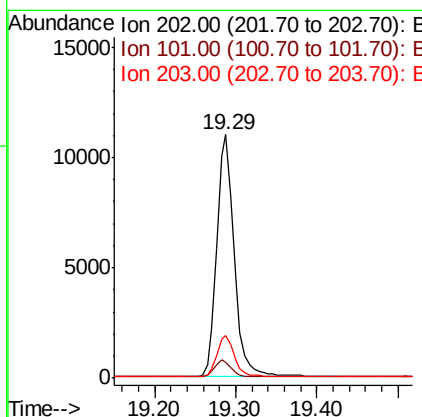
Manual Integrations
 APPROVED

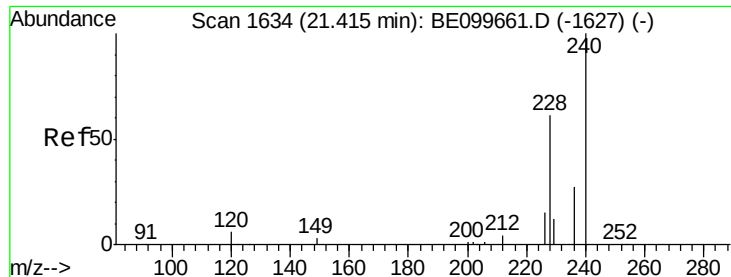
mohammad
 5/27/2019 4:01:10 AM



#26
 Fluoranthene
 Concen: 0.425 ng
 RT: 19.29 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BE099736.D
 Acq: 24 May 2019 11:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	17.0	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:240 Resp: 17020

Ion Ratio Lower Upper

240 100

120 3.2 5.4 8.0#

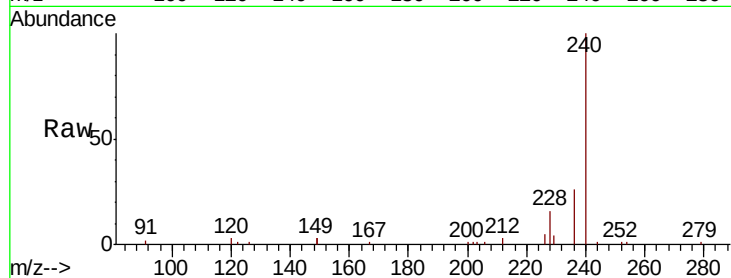
236 25.6 21.7 32.5

Manual Integrations

APPROVED

mohammad

5/27/2019 4:01:10 AM

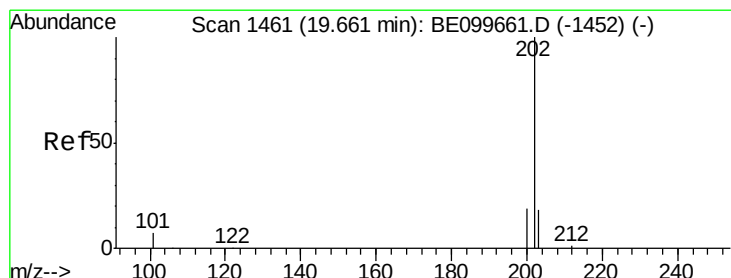
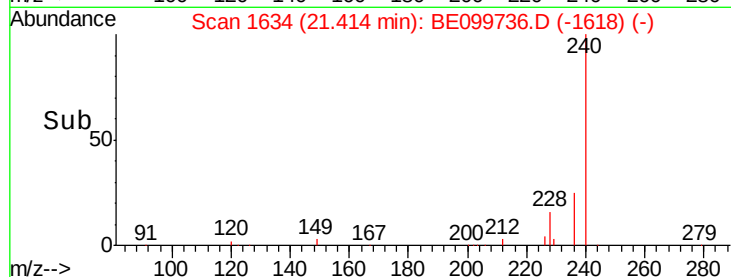
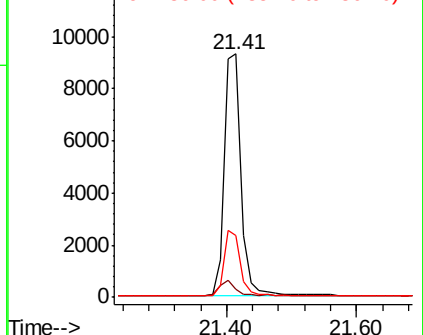


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.407 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

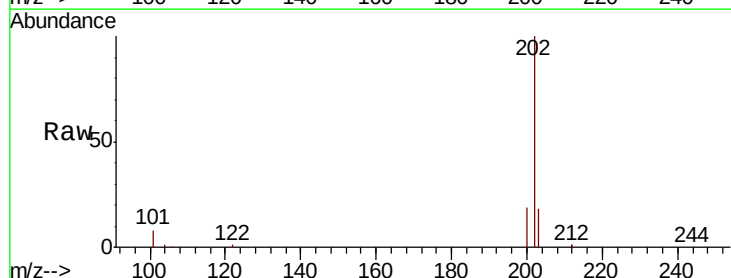
Tgt Ion:202 Resp: 17400

Ion Ratio Lower Upper

202 100

200 19.5 15.4 23.2

203 17.4 13.8 20.8

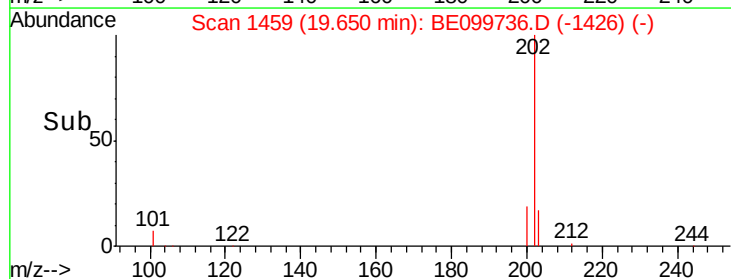
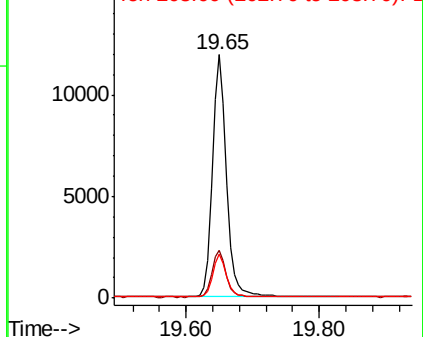


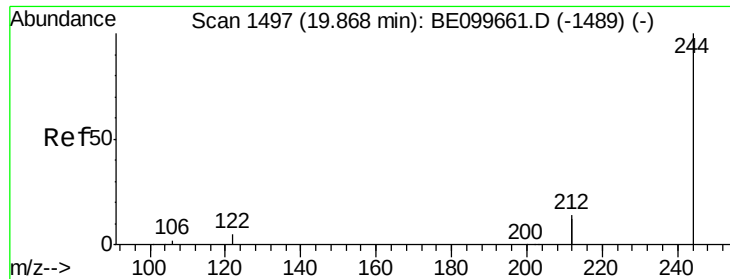
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099736.D

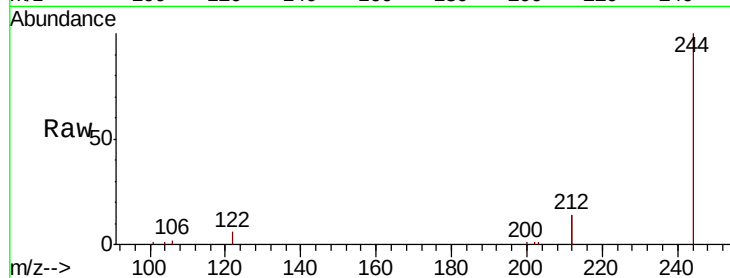
Acq: 24 May 2019 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tot Ion:244 Resp: 12176

Ion Ratio Lower Upper

244 100

212 28.8 22.5 33.7

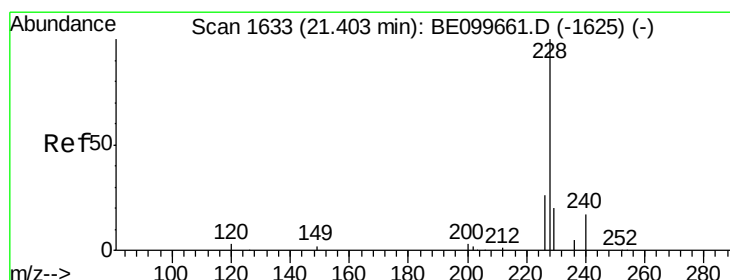
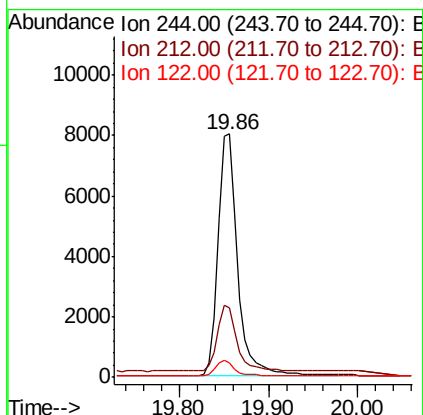
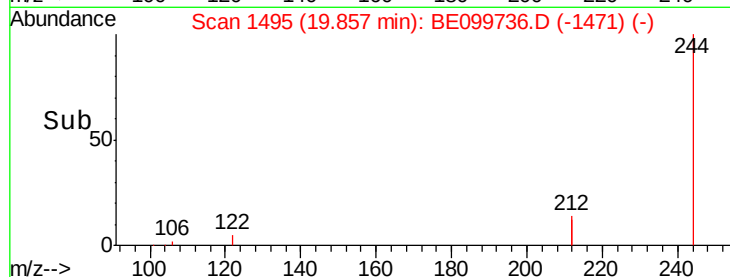
122 6.0 4.3 6.5

Manual Integrations

APPROVED

mohammad

5/27/2019 4:01:10 AM



#30

Benzo(a)anthracene

Concen: 0.425 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

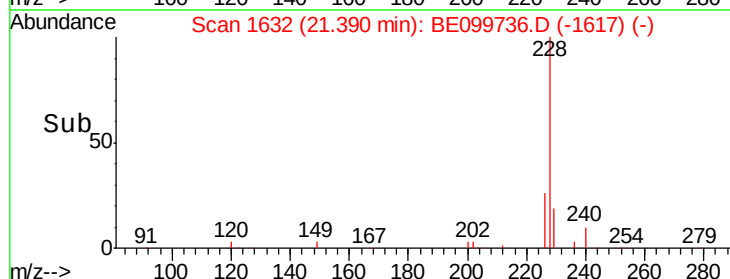
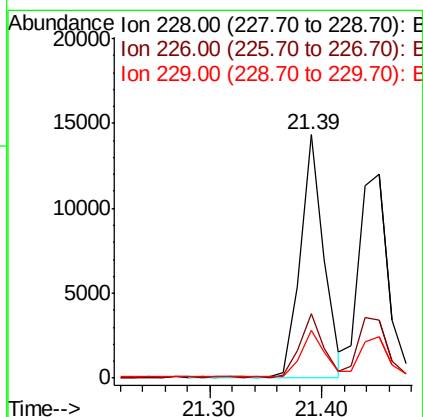
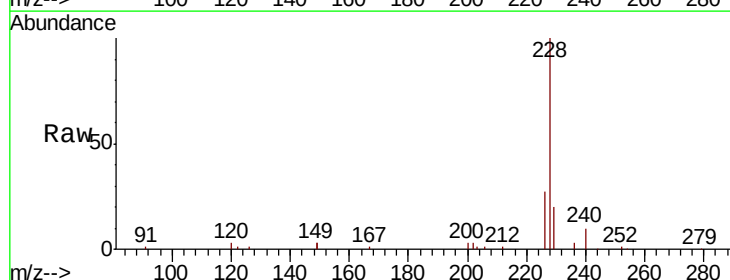
Tgt Ion:228 Resp: 20538

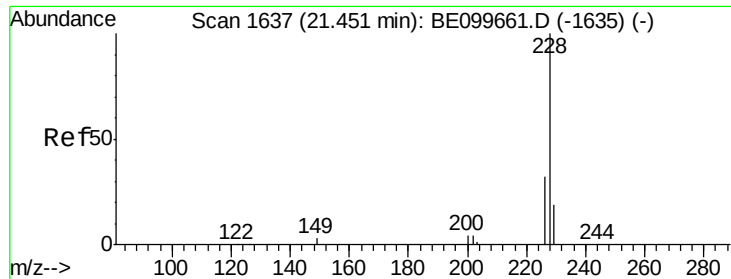
Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

229 19.7 16.1 24.1





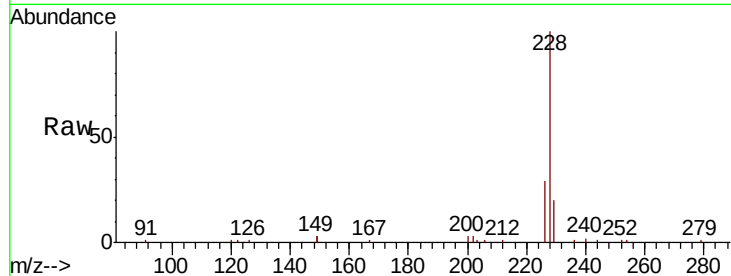
#31
Chrysene
Concen: 0.411 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.7	37.1
229	20.2	15.8	23.6

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM

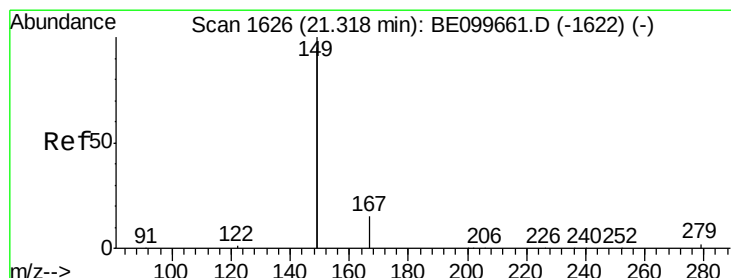
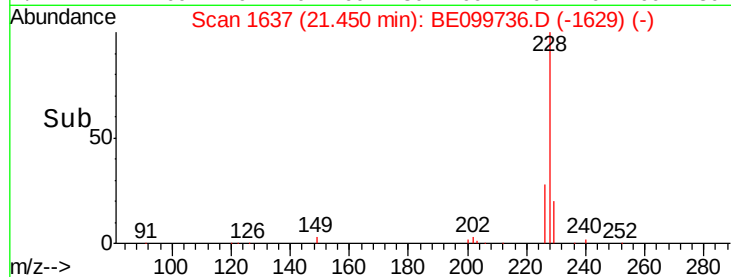
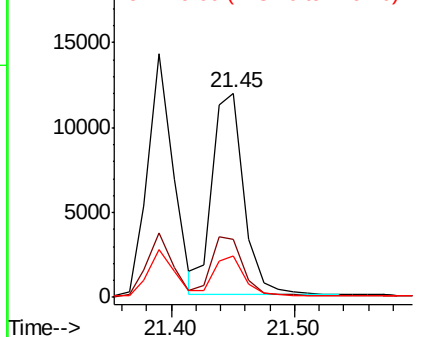


Abundance

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: 0.539 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

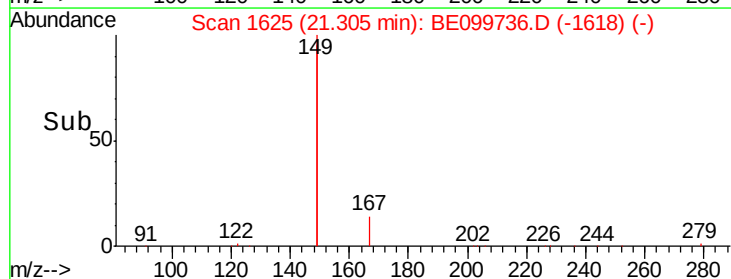
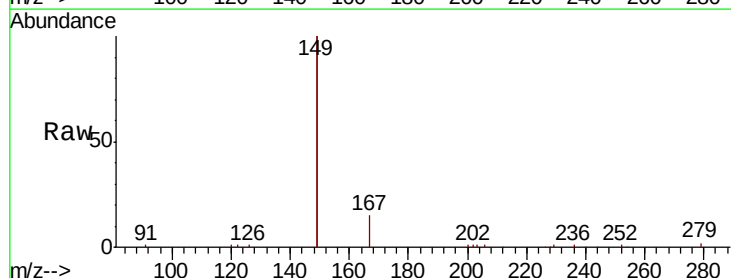
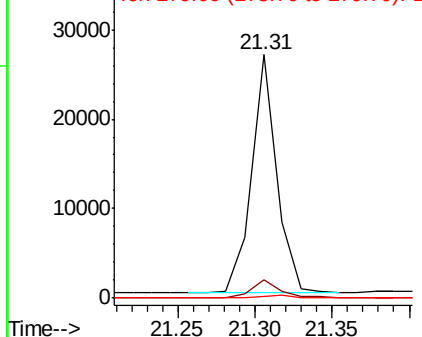
Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.2	9.4
279	1.4	1.2	1.8

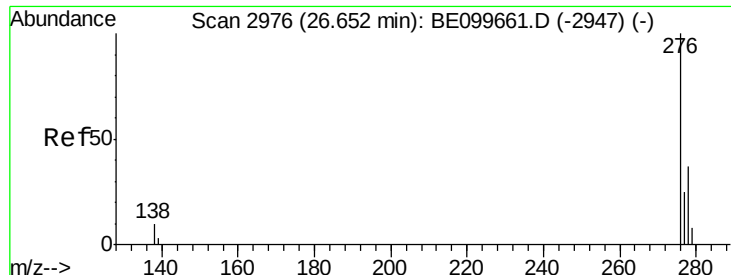
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





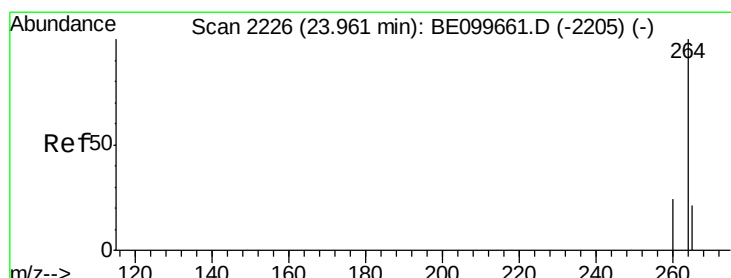
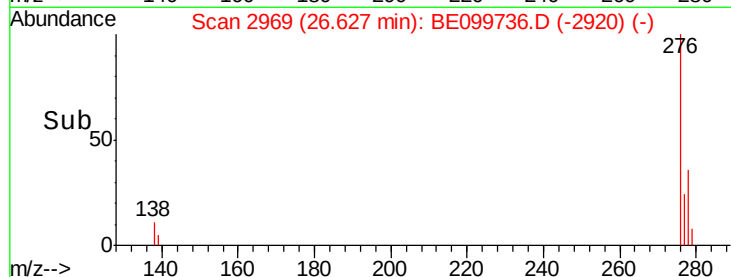
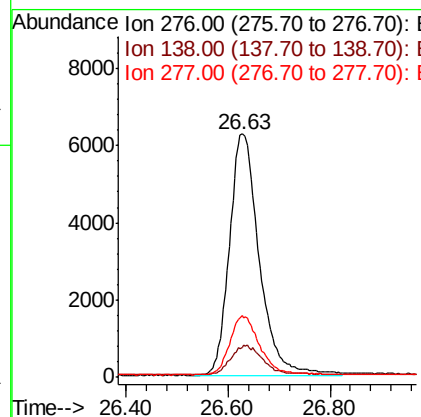
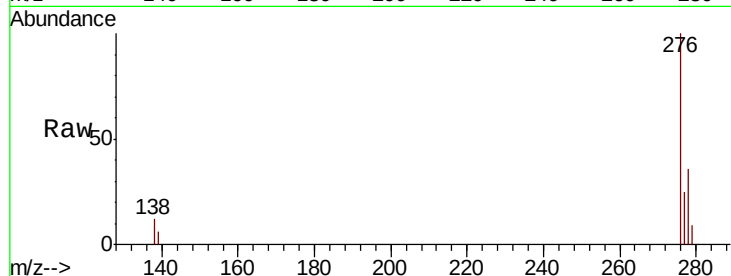
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.406 ng
 RT: 26.63 min Scan# 2969
 Delta R.T. -0.02 min
 Lab File: BE099736.D
 Acq: 24 May 2019 11:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.9	9.6	14.4
277	24.4	19.2	28.8

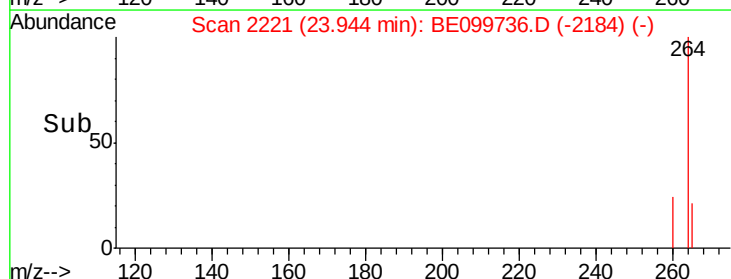
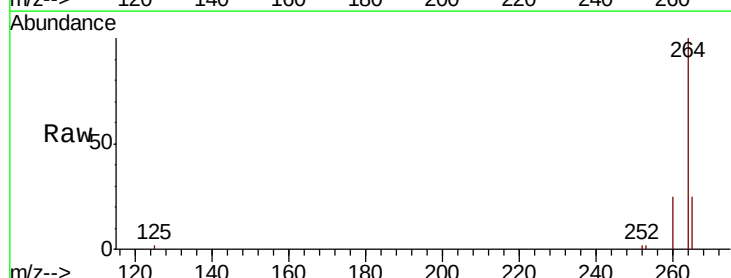
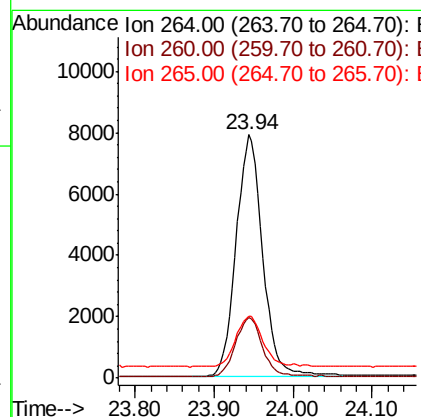
Manual Integrations
 APPROVED

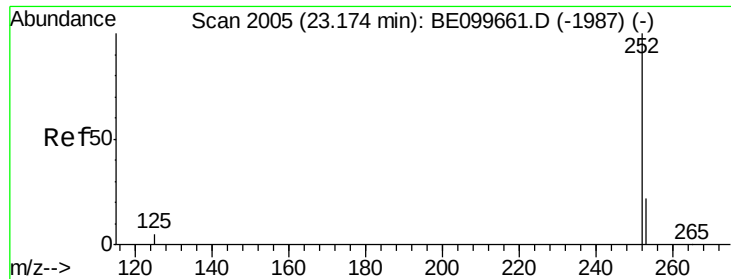
mohammad
 5/27/2019 4:01:10 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BE099736.D
 Acq: 24 May 2019 11:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	25.4	19.1	28.7





#35

Benzo(b)fluoranthene

Concen: 0.409 ng m

RT: 23.16 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Instrument :

BNA_E

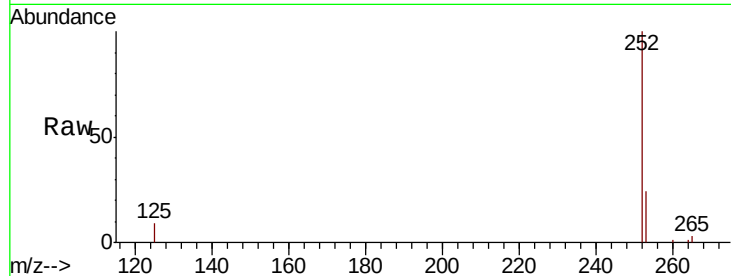
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	8.7	4.5	6.7

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM

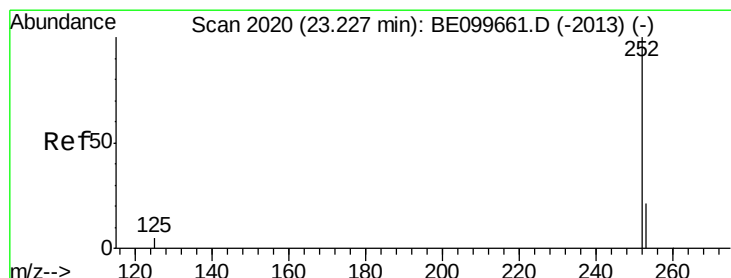
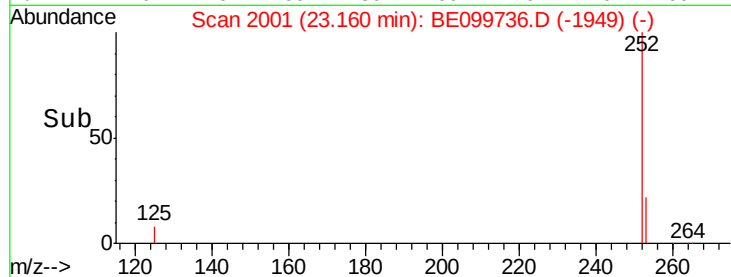
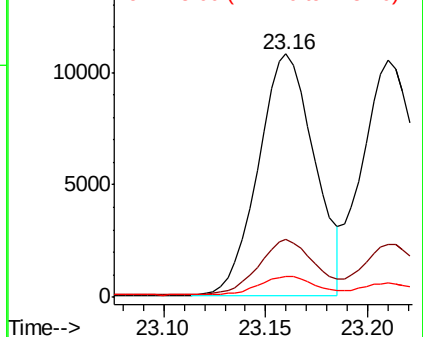


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.398 ng

RT: 23.21 min Scan# 2015

Delta R.T. -0.02 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

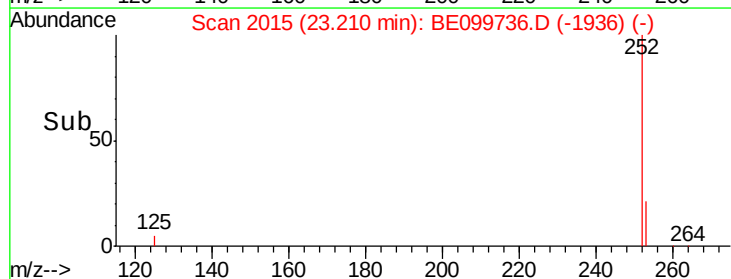
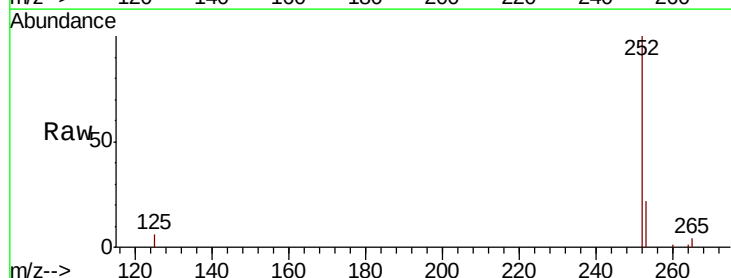
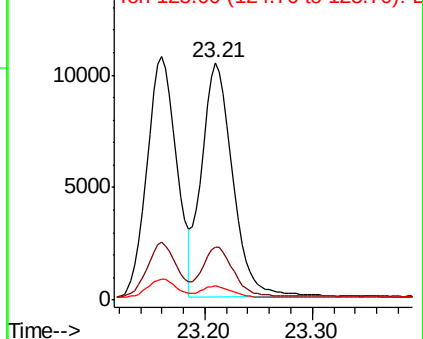
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	5.9	4.6	6.8

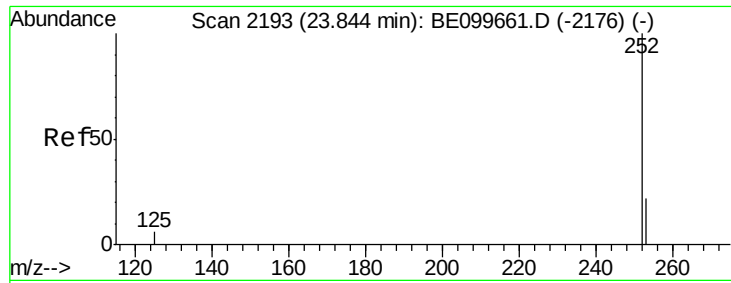
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





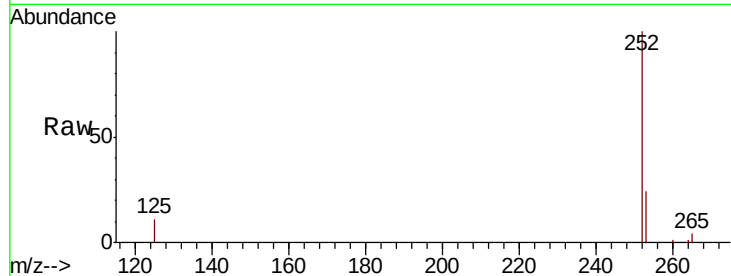
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	10.9	5.4	8.0

Manual Integrations
APPROVED

mohammad
5/27/2019 4:01:10 AM

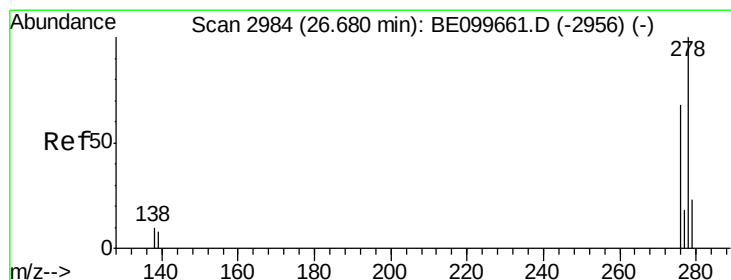
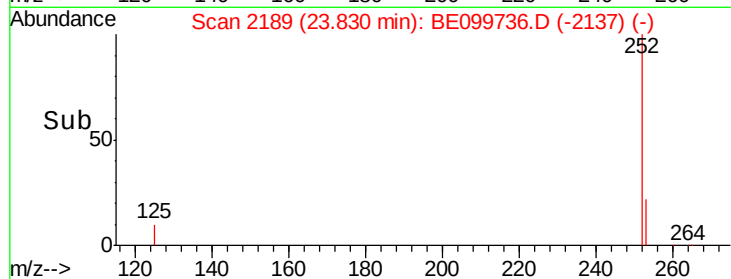
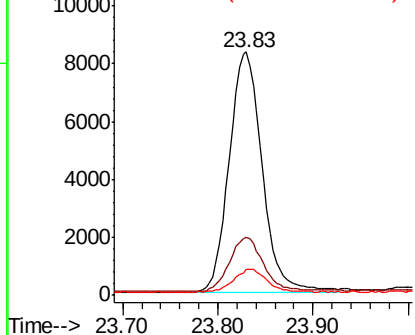


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.401 ng
RT: 26.66 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

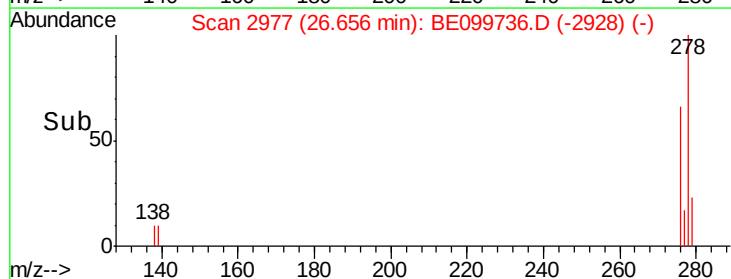
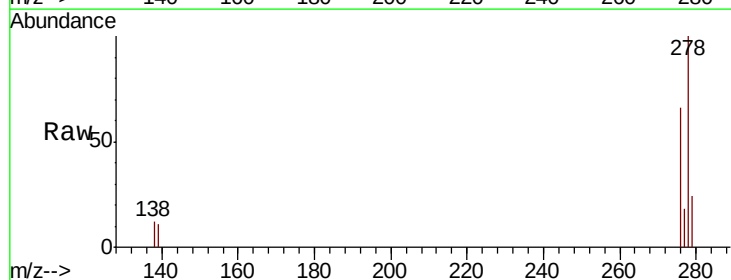
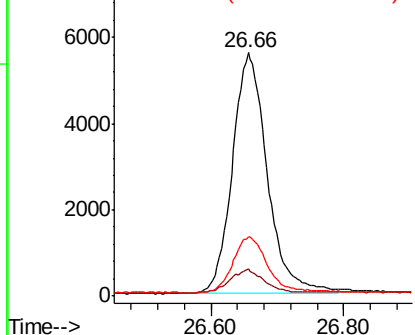
Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.1	6.9	10.3
279	24.2	19.2	28.8

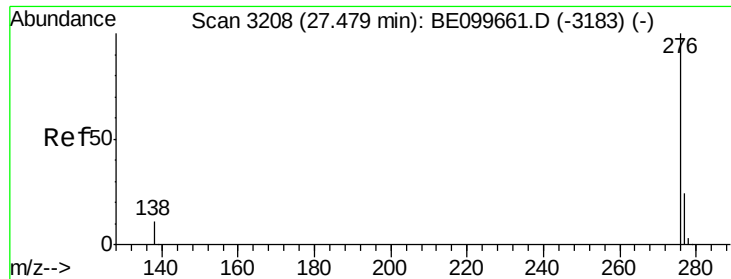
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.402 ng

RT: 27.46 min Scan# 3202

Delta R.T. -0.02 min

Lab File: BE099736.D

Acq: 24 May 2019 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion: 276 Resp: 20597

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.6

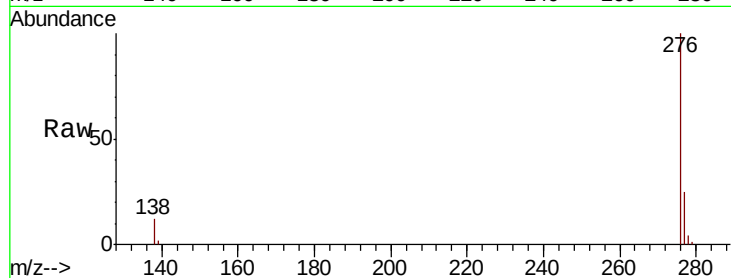
138 11.5 9.2 13.8

Manual Integrations

APPROVED

mohammad

5/27/2019 4:01:10 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

