

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070219\
 Data File : BE100293.D
 Acq On : 2 Jul 2019 9:35
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:48:13 PM

Quant Time: Jul 03 02:32:27 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 14:06:53 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	588	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	1948	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	1514	0.40	ng	0.02
19) Phenanthrene-d10	17.07	188	4700	0.40	ng	0.01
27) Chrysene-d12	21.25	240	6796	0.40	ng	0.00
34) Perylene-d12	23.68	264	8320	0.40	ng	0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.22	112	802	0.53	ng	0.00
5) Phenol-d6	6.84	99	871	0.44	ng	0.00
8) Nitrobenzene-d5	8.81	82	855	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	1490	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	649	0.61	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	2470	0.42	ng	0.00
25) Fluoranthene-d10	19.10	212	29533	0.43	ng	0.00
29) Terphenyl-d14	19.70	244	6225	0.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	334	0.366	ng	# 91
3) n-Nitrosodimethylamine	3.45	42	193	0.454	ng	# 83
6) bis(2-Chloroethyl)ether	7.08	93	687	0.424	ng	# 81
9) Naphthalene	10.48	128	9014	0.420	ng	99
10) Hexachlorobutadiene	10.76	225	831	0.402	ng	97
12) 2-Methylnaphthalene	12.12	142	1471	0.390	ng	97
16) Acenaphthylene	14.04	152	3241	0.446	ng	98
17) Acenaphthene	14.38	154	1758	0.427	ng	98
18) Fluorene	15.35	166	2645	0.434	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	1295	0.432	ng	# 80
21) Hexachlorobenzene	16.37	284	1328	0.426	ng	97
22) Pentachlorophenol	16.77	266	116	0.124	ng	92
23) Phenanthrene	17.11	178	5008	0.440	ng	99
24) Anthracene	17.20	178	4824	0.470	ng	99
26) Fluoranthene	19.13	202	8350	0.460	ng	99
28) Pyrene	19.49	202	8834	0.491	ng	99
30) Benzo(a)anthracene	21.23	228	9693	0.434	ng	97
31) Chrysene	21.28	228	10206	0.455	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	16398	0.462	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.23	276	12160	0.410	ng	99
35) Benzo(b)fluoranthene	22.93	252	9953m	0.441	ng	
36) Benzo(k)fluoranthene	22.98	252	10131	0.402	ng	# 93
37) Benzo(a)pyrene	23.57	252	9801	0.434	ng	# 94
38) Dibenzo(a,h)anthracene	26.26	278	9703	0.411	ng	96
39) Benzo(g,h,i)perylene	27.03	276	10019	0.413	ng	95

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

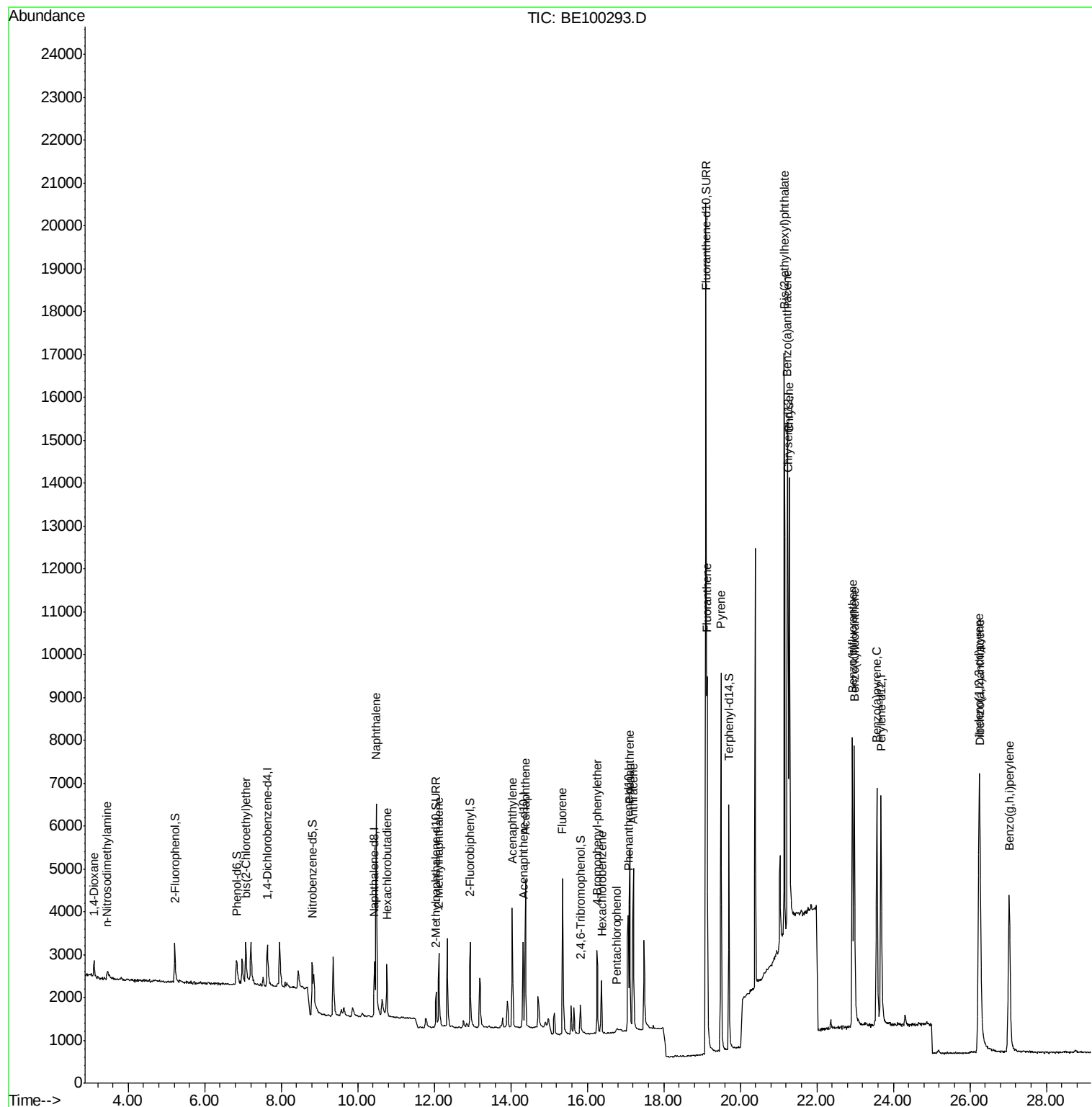
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070219\
Data File : BE100293.D
Acq On : 2 Jul 2019 9:35
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

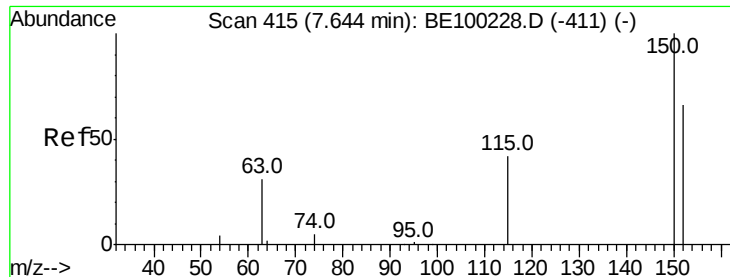
Instrument :
BNA_E
ClientSampled :
SSTDCCC0.4

Manual Integrations
APPROVED

mohammad
7/3/2019 10:48:13 PM

Quant Time: Jul 03 02:32:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. -0.00 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Instrument :

BNA_E

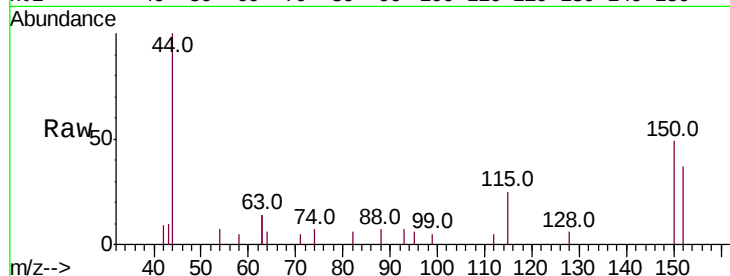
ClientSampleId :

SSTDCCC0.4

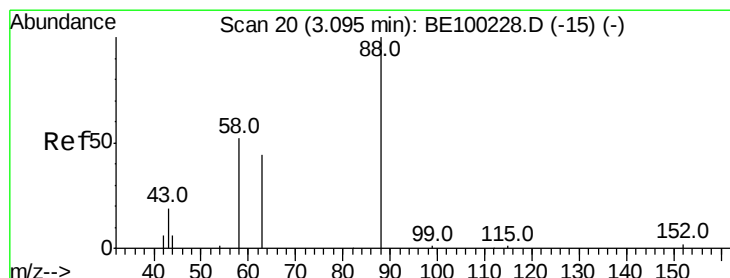
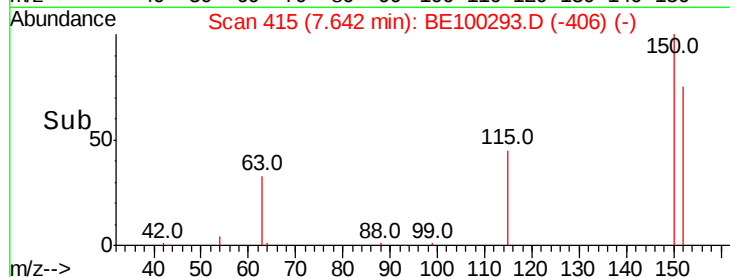
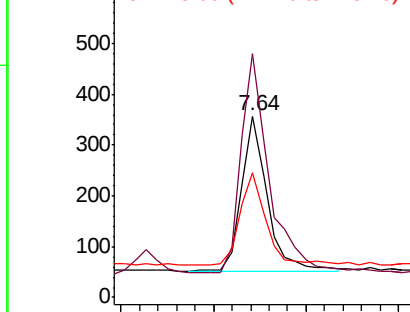
Tot Ion:	152	Resp:	588
Ion	Ratio	Lower	Upper
152	100		
150	134.2	114.5	171.7
115	68.9	57.1	85.7

Manual Integrations
APPROVED

mohammad
7/3/2019 10:48:13 PM



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: 0.366 ng

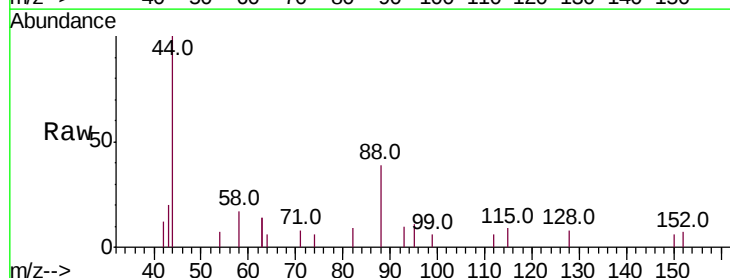
RT: 3.10 min Scan# 21

Delta R.T. 0.01 min

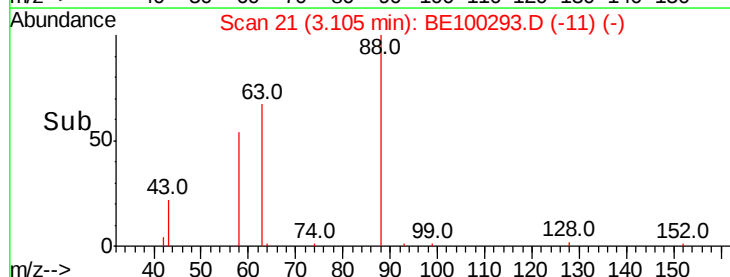
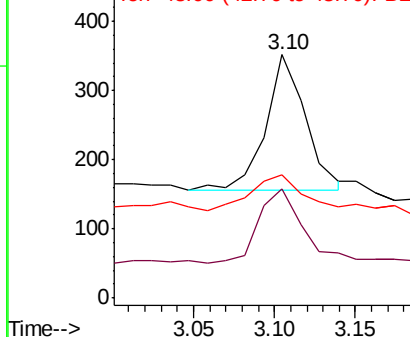
Lab File: BE100293.D

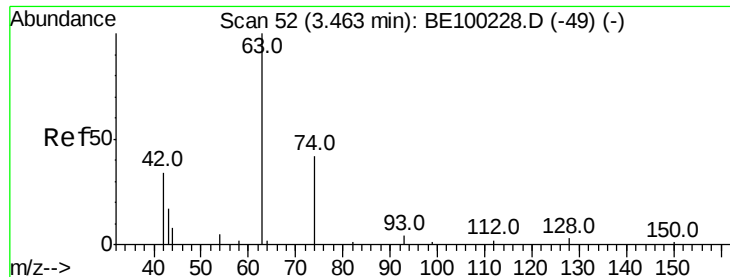
Acq: 2 Jul 2019 9:35

Tgt Ion:	88	Resp:	334
Ion	Ratio	Lower	Upper
88	100		
58	60.2	43.6	65.4
43	33.2	21.4	32.0#



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: 0.454 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.01 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Instrument :

BNA_E

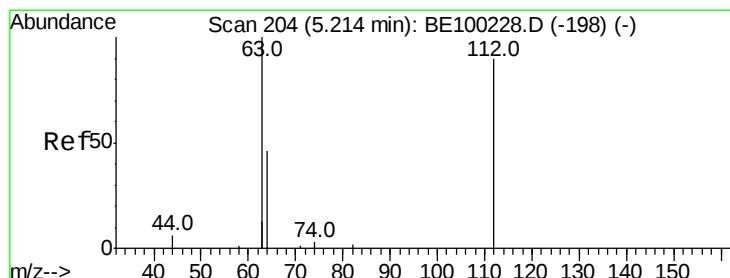
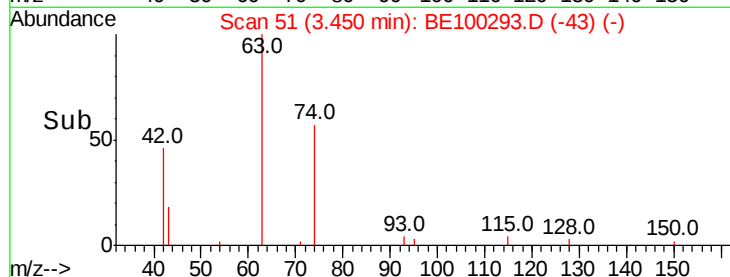
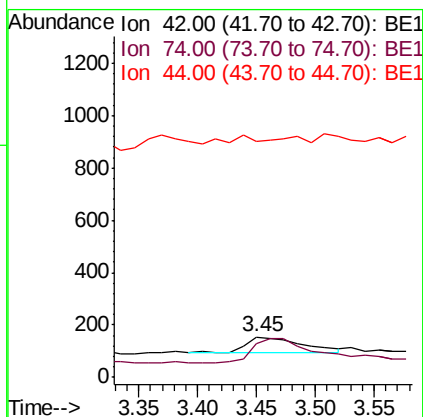
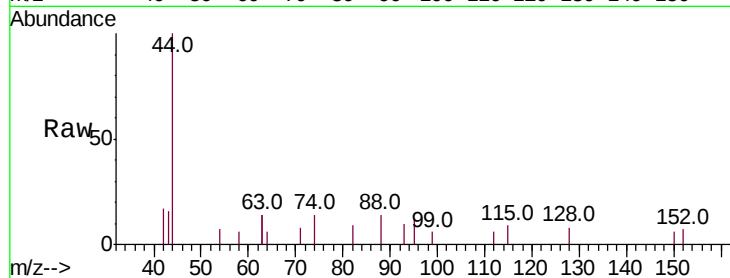
ClientSampleId :

SSTDCCC0.4

Tot Ion:	42	Resp:	193
Ion	Ratio	Lower	Upper
42	100		
74	165.3	130.6	196.0
44	0.0	38.0	57.0#

Manual Integrations
APPROVED

mohammad
7/3/2019 10:48:13 PM



#4

2-Fluorophenol

Concen: 0.535 ng

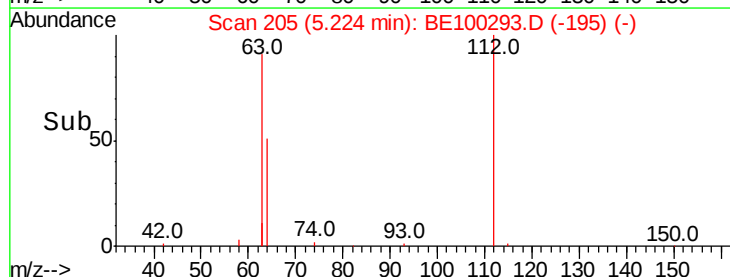
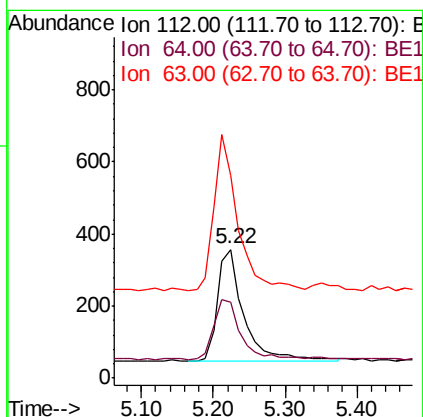
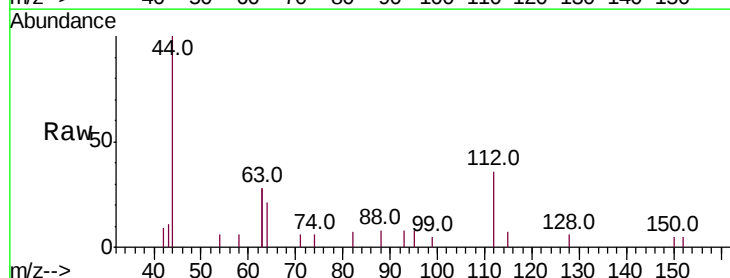
RT: 5.22 min Scan# 205

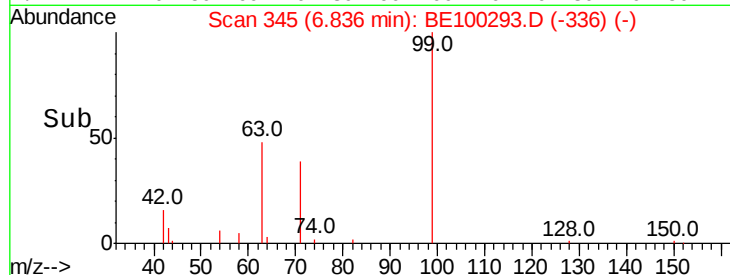
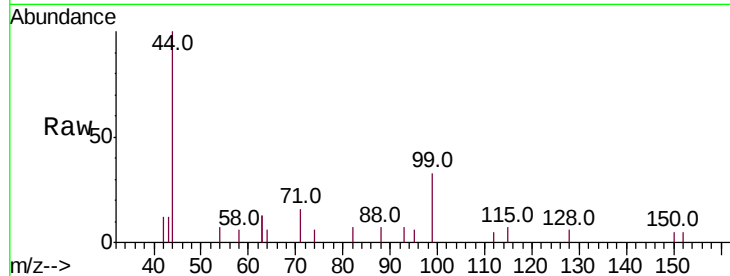
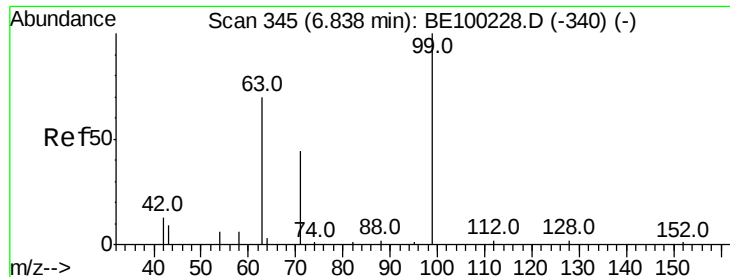
Delta R.T. 0.01 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Tgt Ion:	112	Resp:	802
Ion	Ratio	Lower	Upper
112	100		
64	53.6	39.4	59.0
63	122.7	104.5	156.7





#5

Phenol-d6

Concen: 0.442 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Tot Ion:	99	Resp:	871
Ion	Ratio	Lower	Upper
99	100		
42	18.3	11.2	16.8#
71	41.4	37.2	55.8

Instrument :

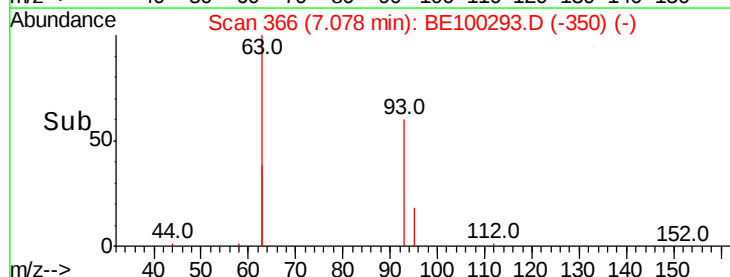
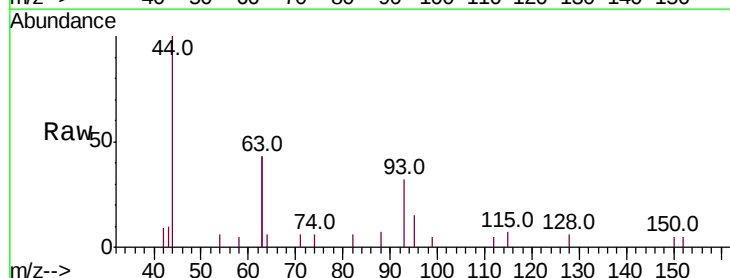
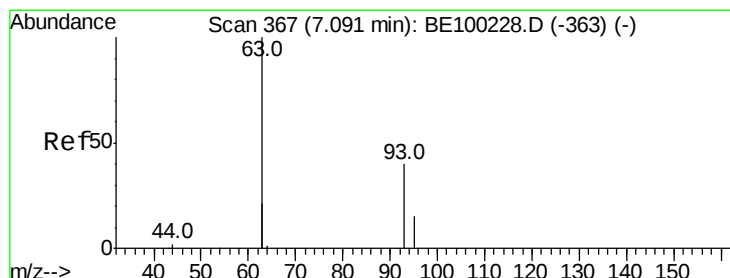
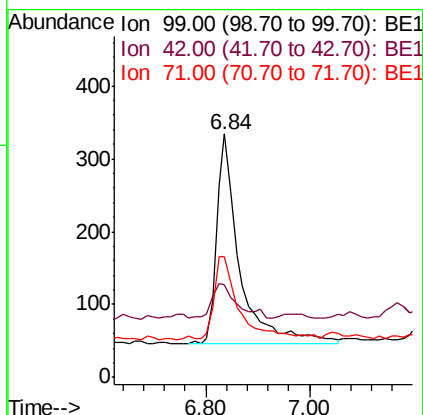
BNA_E

ClientSampleId :

SSTDCCC0.4

Manual Integrations
APPROVED

mohammad
7/3/2019 10:48:13 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.424 ng

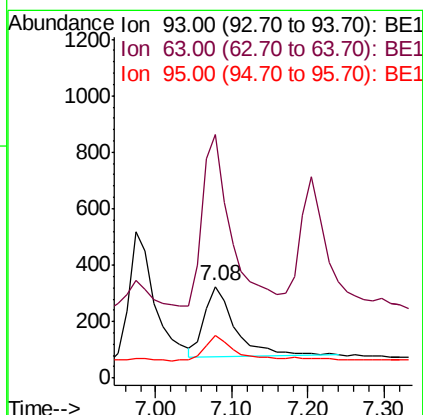
RT: 7.08 min Scan# 366

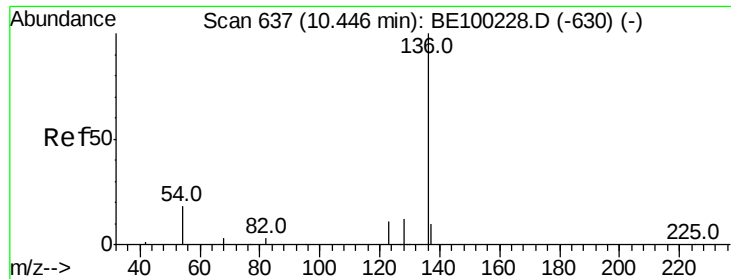
Delta R.T. -0.01 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Tgt Ion:	93	Resp:	687
Ion	Ratio	Lower	Upper
93	100		
63	224.5	155.6	233.4
95	34.8	23.0	34.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Instrument :

BNA_E

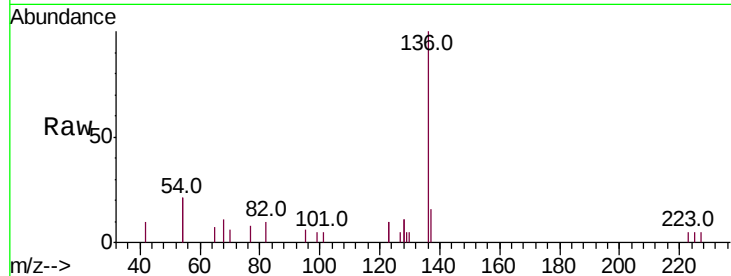
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
136	100		
137	16.1	11.8	17.8
54	42.6	27.7	41.5#
68	10.6	6.8	10.2#

Manual Integrations
APPROVED

mohammad
7/3/2019 10:48:13 PM



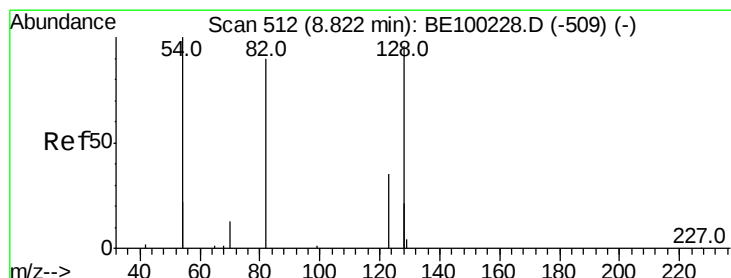
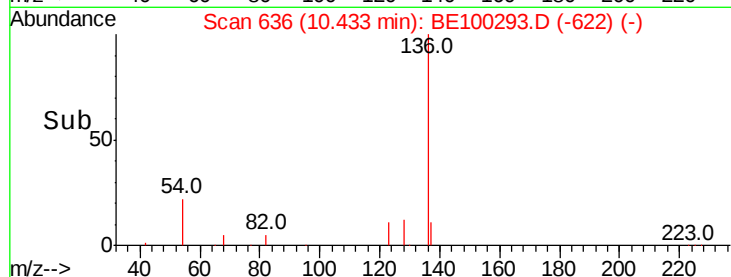
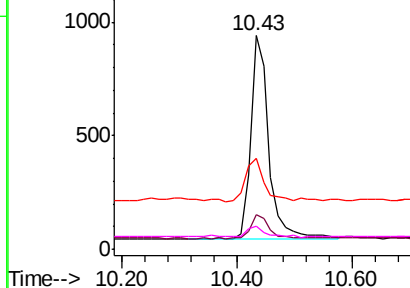
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.442 ng

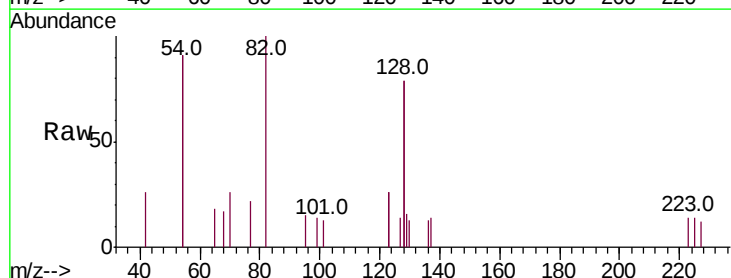
RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Tgt Ion	Ratio	Lower	Upper
82	100		
128	158.4	140.9	211.3
54	182.9	146.2	219.2

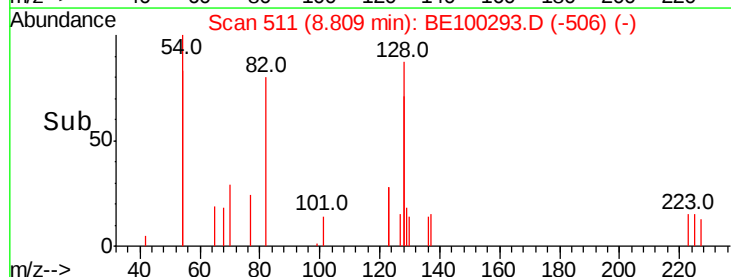
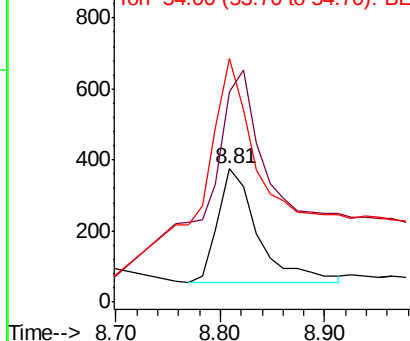


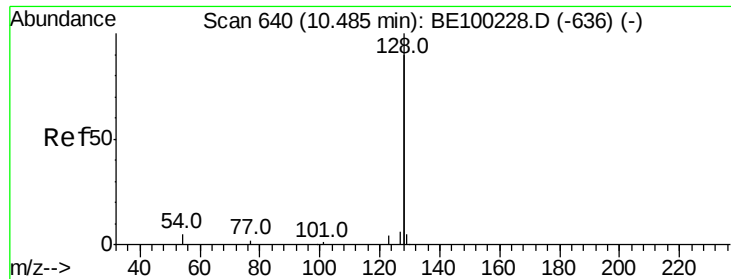
Abundance

Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.420 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Instrument :

BNA_E

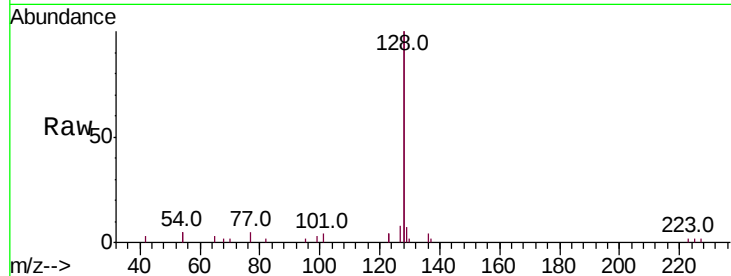
ClientSampleId :

SSTDCCC0.4

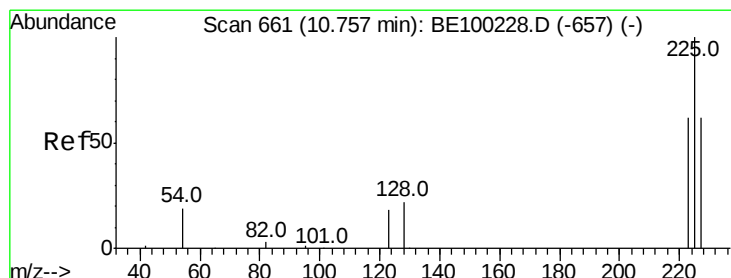
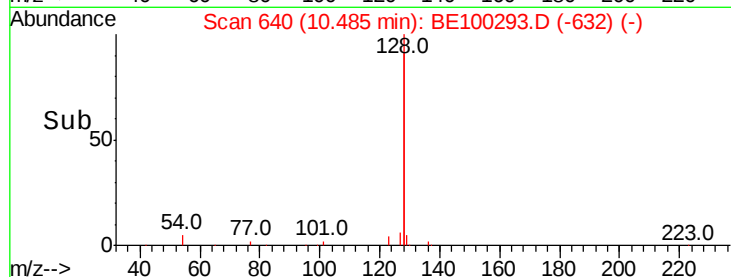
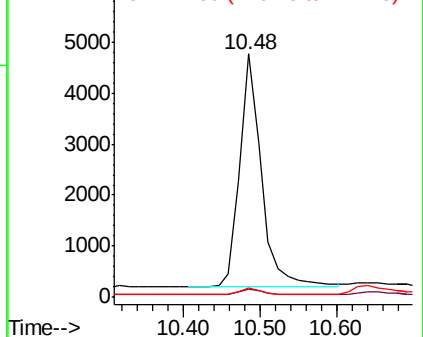
Tot Ion:128	Resp:	9014
Ion Ratio	Lower	Upper
128 100		
129 3.6	3.0	4.6
127 3.9	3.5	5.3

Manual Integrations
APPROVED

mohammad
7/3/2019 10:48:13 PM



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: 0.402 ng

RT: 10.76 min Scan# 661

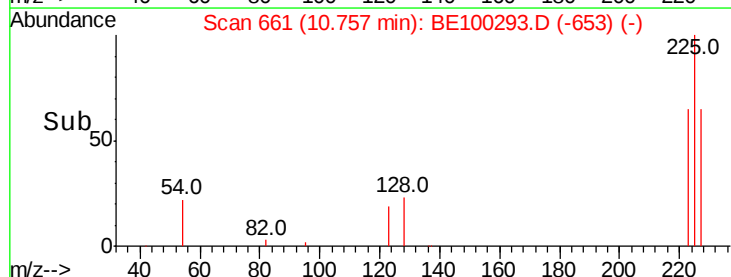
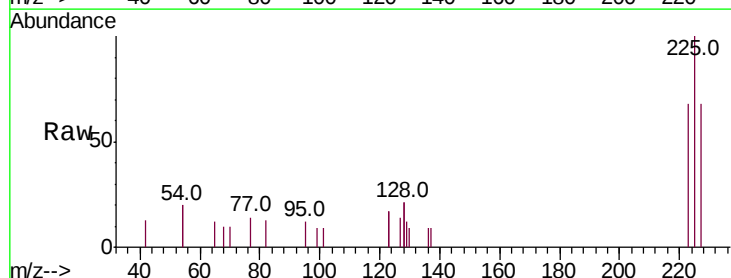
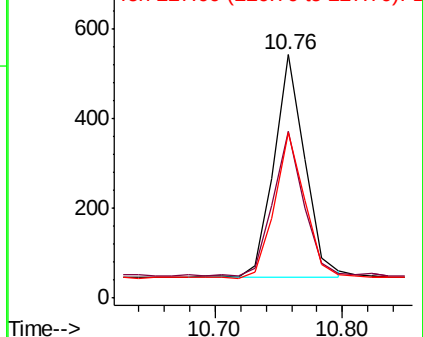
Delta R.T. 0.00 min

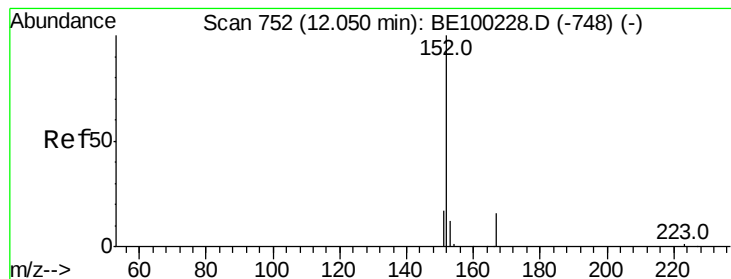
Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Tgt Ion:225	Resp:	831
Ion Ratio	Lower	Upper
225 100		
223 64.0	49.1	73.7
227 63.3	49.3	73.9

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





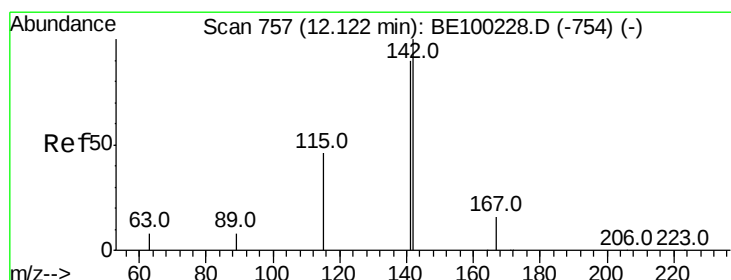
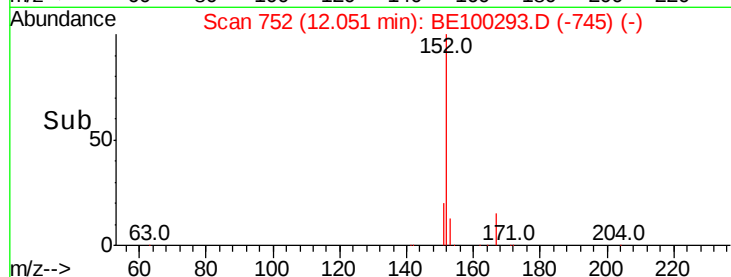
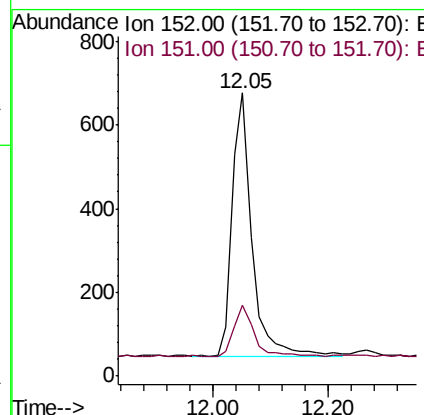
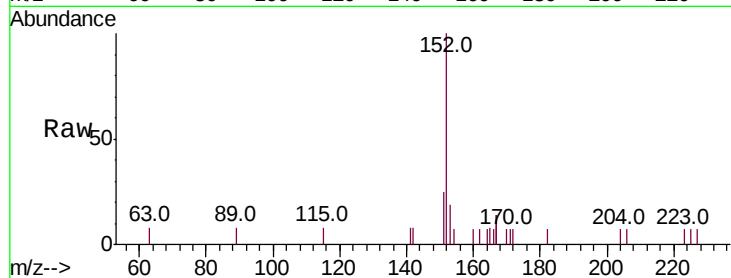
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.1	22.7

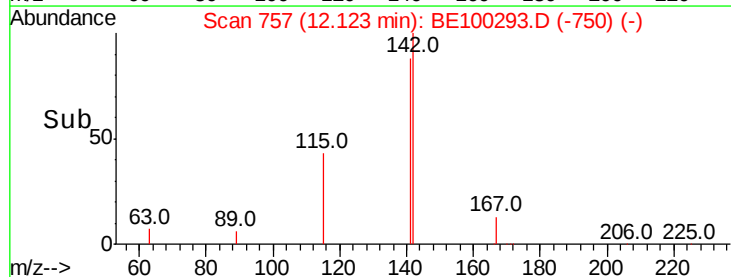
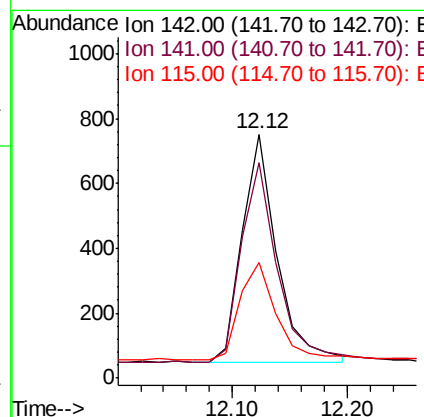
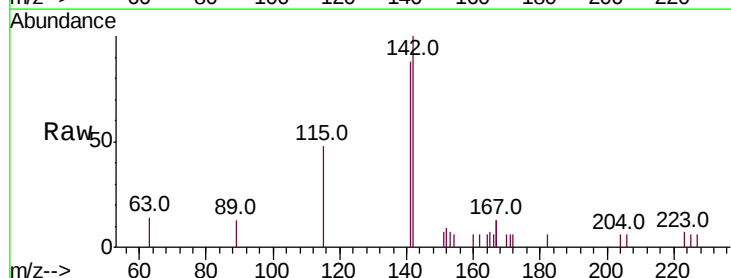
Manual Integrations
APPROVED

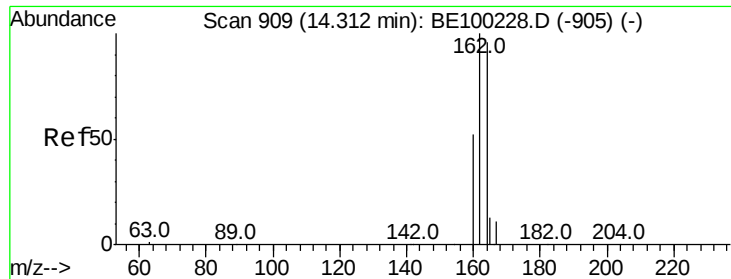
mohammad
7/3/2019 10:48:13 PM



#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.4	108.6
115	47.5	40.4	60.6





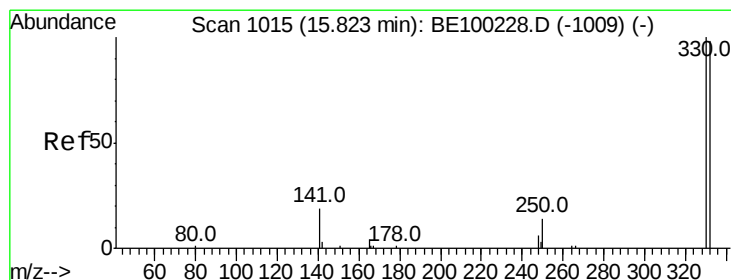
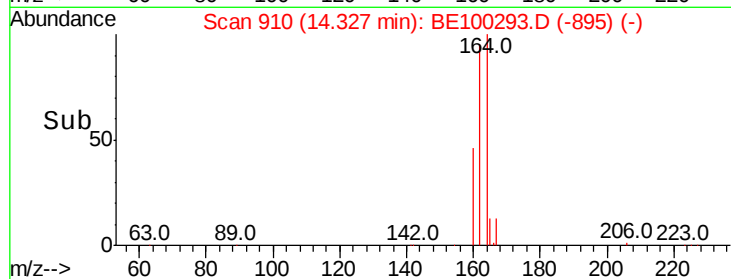
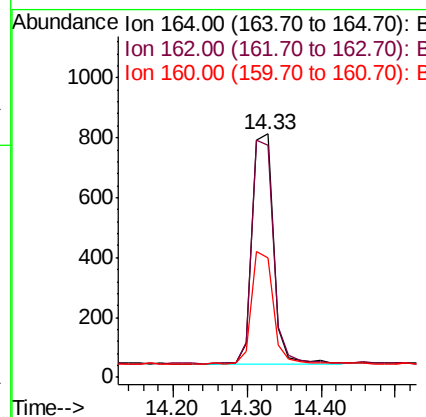
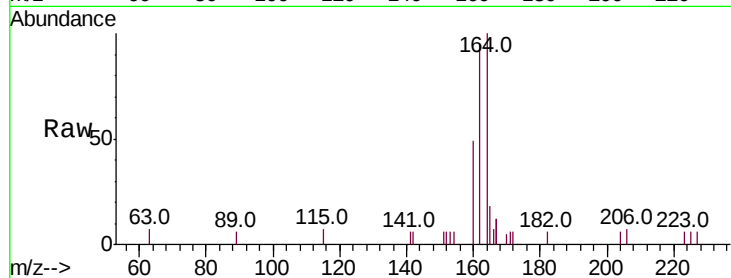
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.02 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.1	83.4	125.0
160	49.2	45.0	67.6

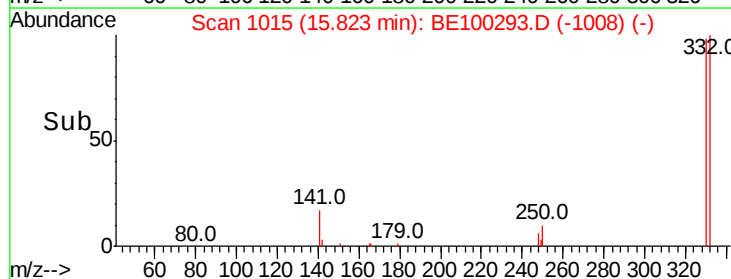
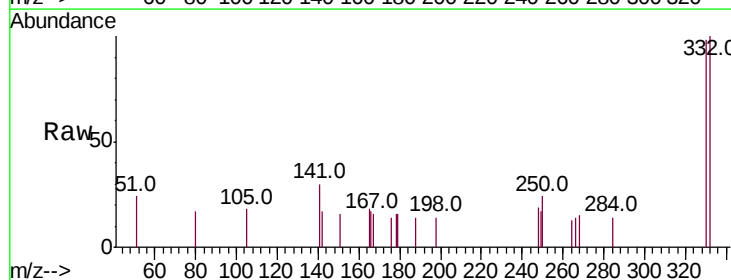
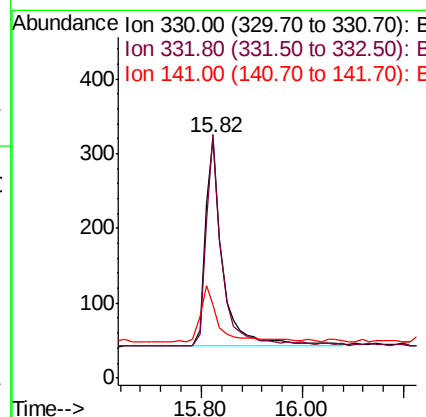
Manual Integrations
APPROVED

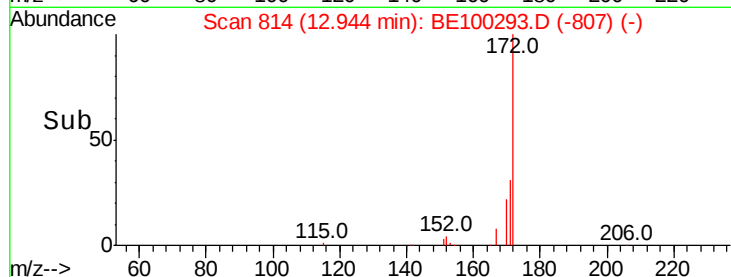
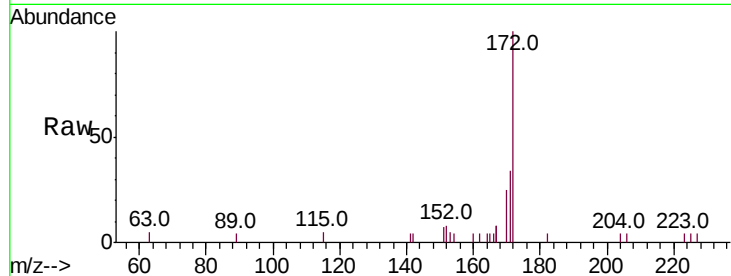
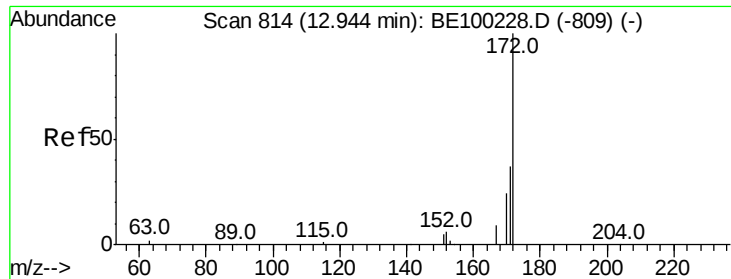
mohammad
7/3/2019 10:48:13 PM



#14
2,4,6-Tribromophenol
Concen: 0.613 ng
RT: 15.82 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.4
141	27.4	22.0	33.0





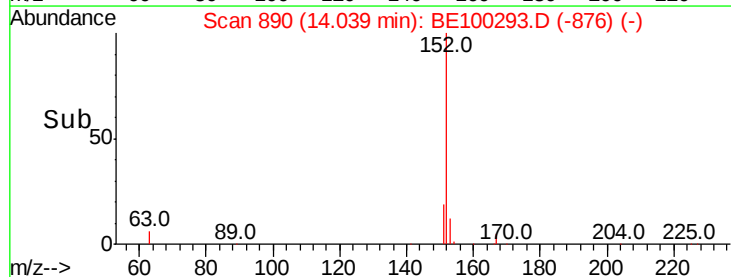
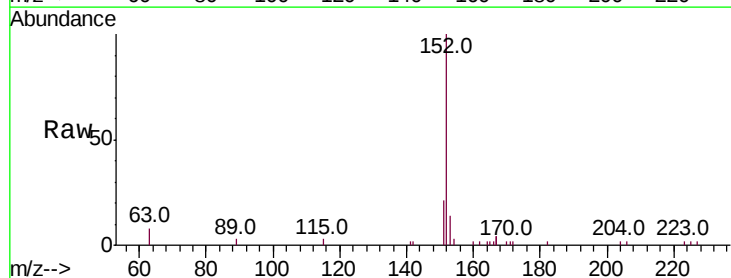
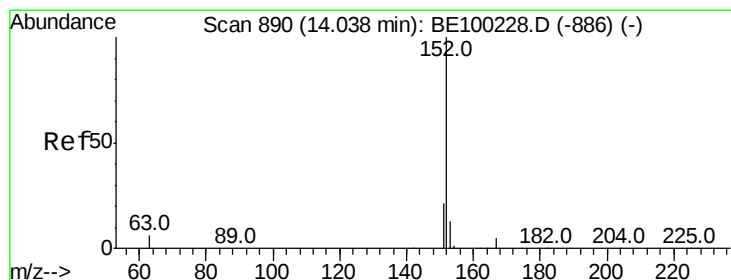
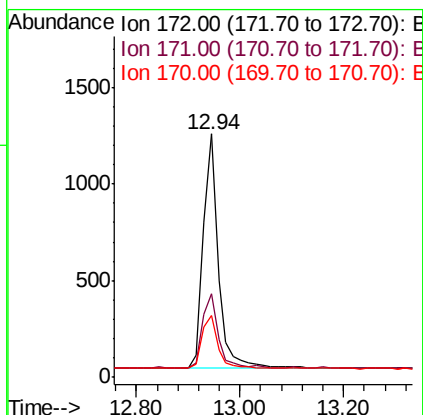
#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	31.9	47.9
170	25.3	22.2	33.2

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

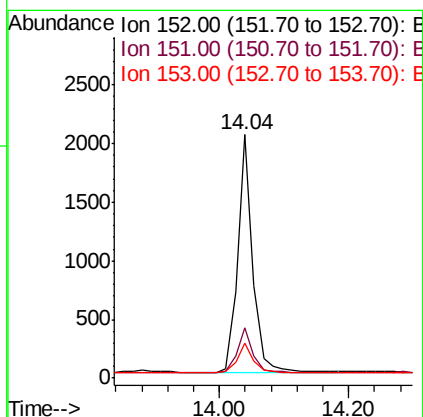
Manual Integrations
APPROVED

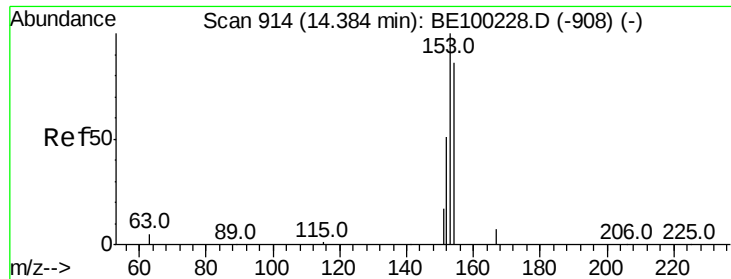
mohammad
7/3/2019 10:48:13 PM



#16
Acenaphthylene
Concen: 0.446 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.6	25.0
153	13.1	10.5	15.7





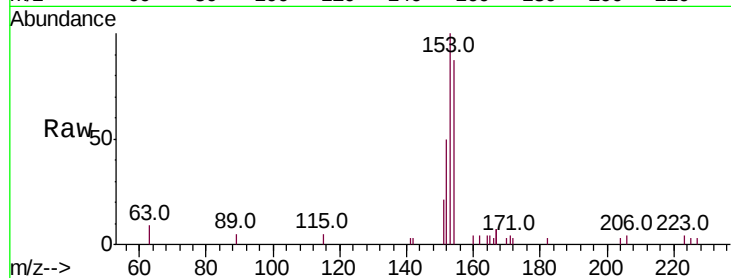
#17
Acenaphthene
Concen: 0.427 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.9	93.4	140.2
152	59.3	49.4	74.2

Manual Integrations
APPROVED

mohammad
7/3/2019 10:48:13 PM

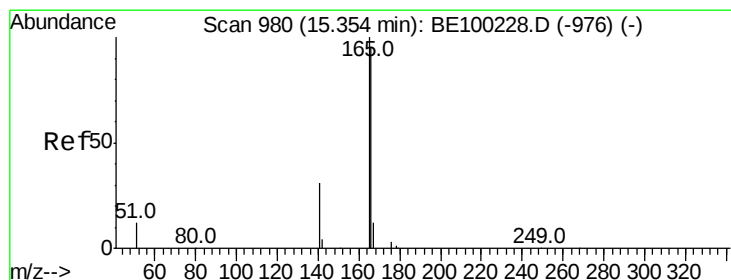
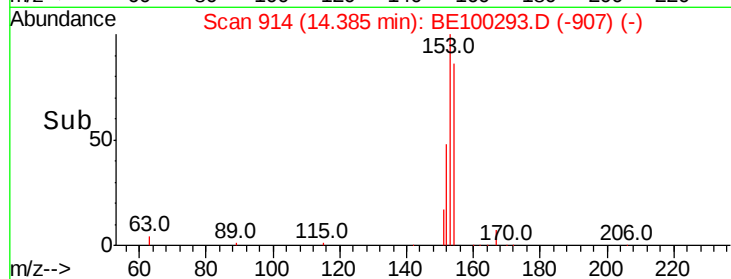
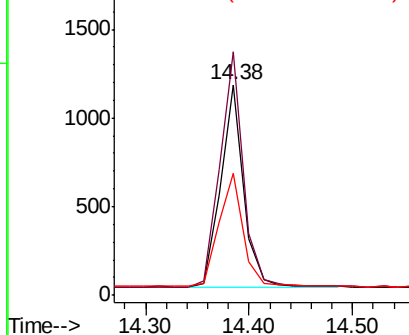


Abundance

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: 0.434 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

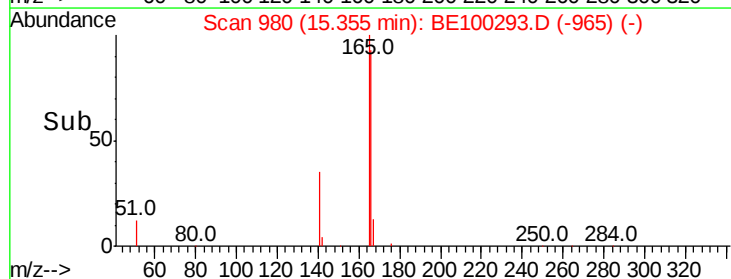
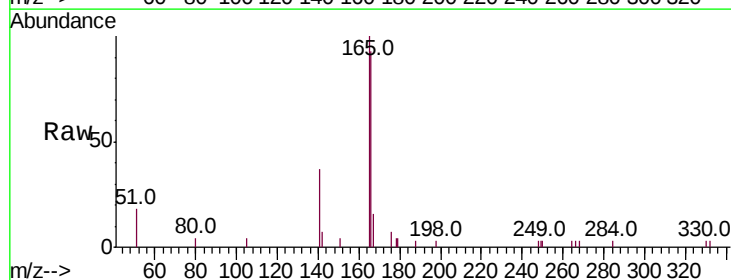
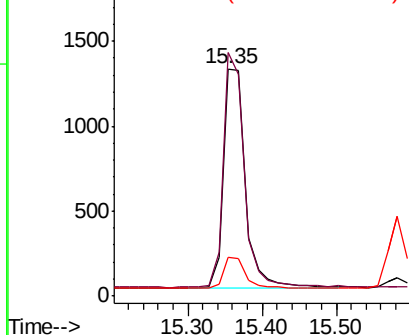
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	81.1	121.7
167	14.4	10.7	16.1

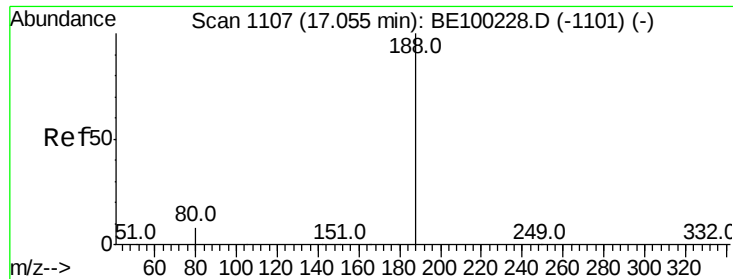
Abundance

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





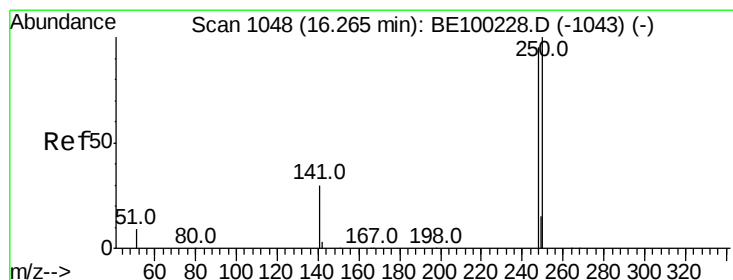
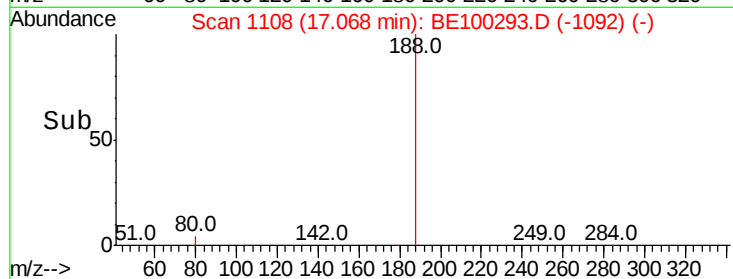
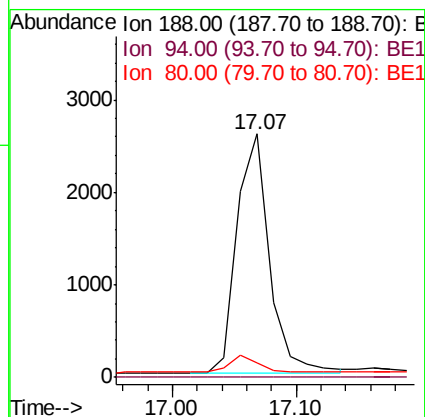
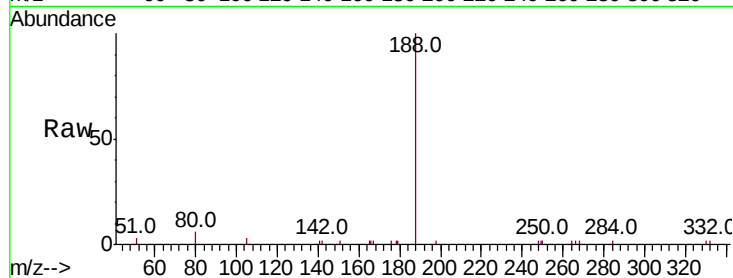
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	7.6	11.4#

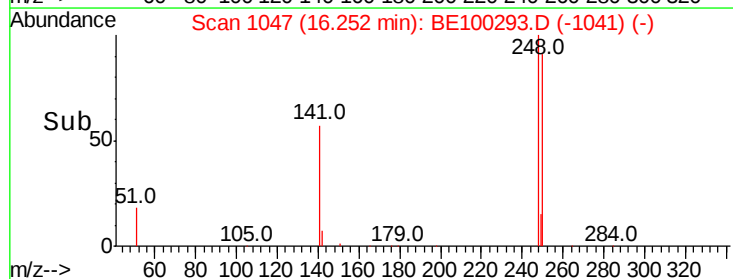
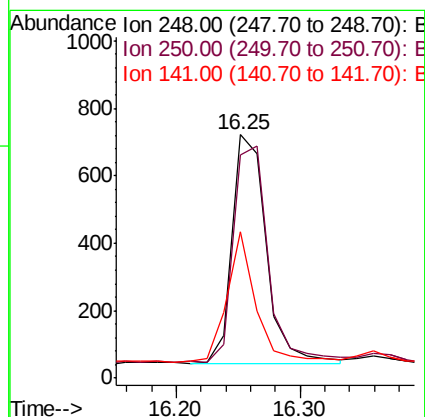
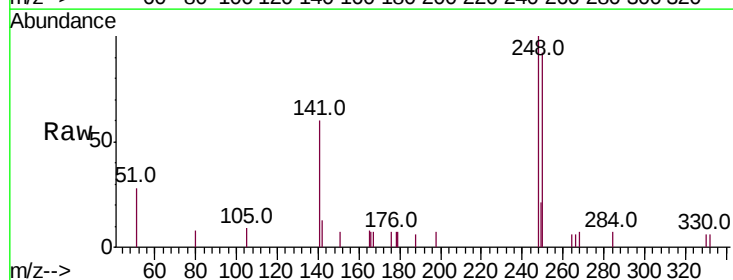
Manual Integrations
APPROVED

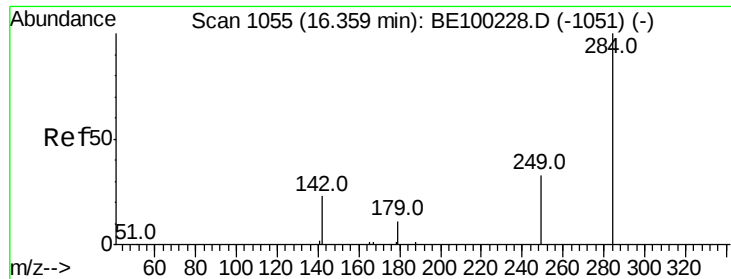
mohammad
7/3/2019 10:48:13 PM



#20
4-Bromophenyl-phenylether
Concen: 0.432 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	91.6	84.2	126.4
141	60.0	29.3	43.9#





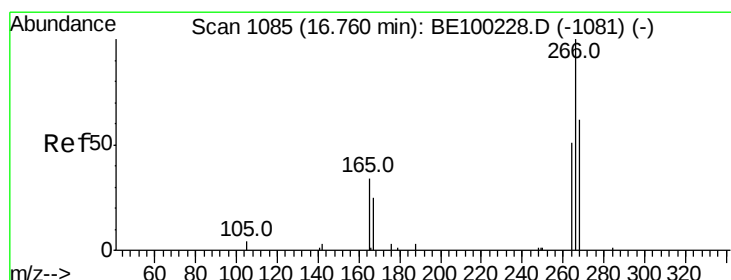
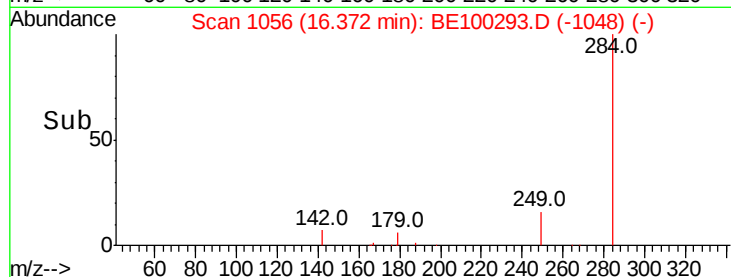
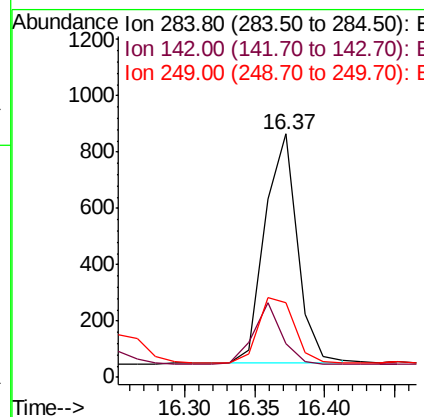
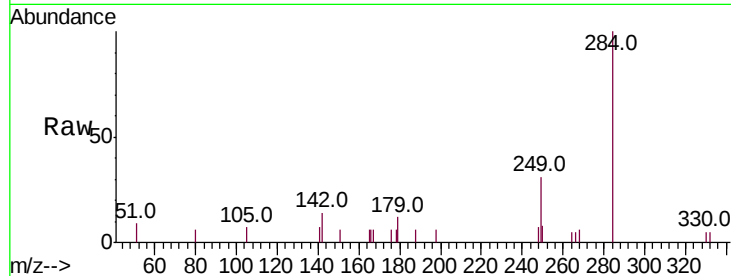
#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:	284	Resp:	1328
Ion Ratio	Lower	Upper	
284	100		
142	23.3	18.8	28.2
249	32.5	23.7	35.5

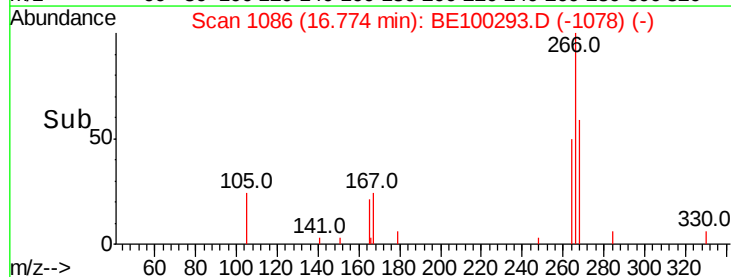
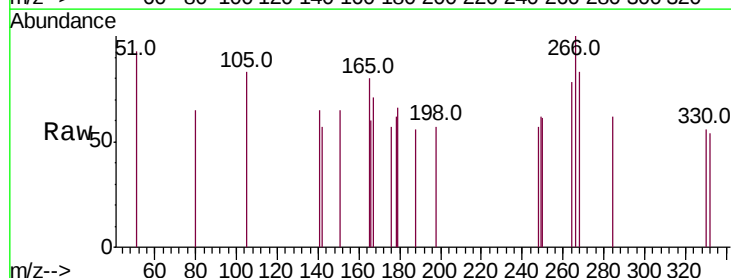
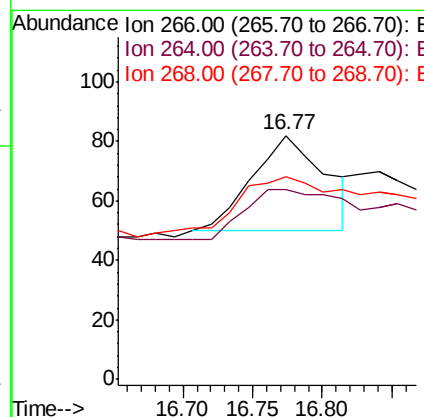
Manual Integrations
APPROVED

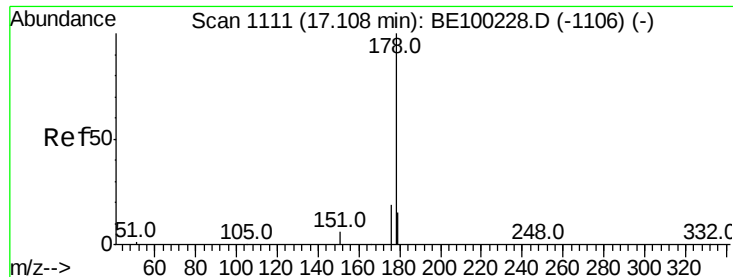
mohammad
7/3/2019 10:48:13 PM



#22
Pentachlorophenol
Concen: 0.124 ng
RT: 16.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tgt Ion:	266	Resp:	116
Ion Ratio	Lower	Upper	
266	100		
264	78.0	56.2	84.2
268	82.9	61.8	92.6





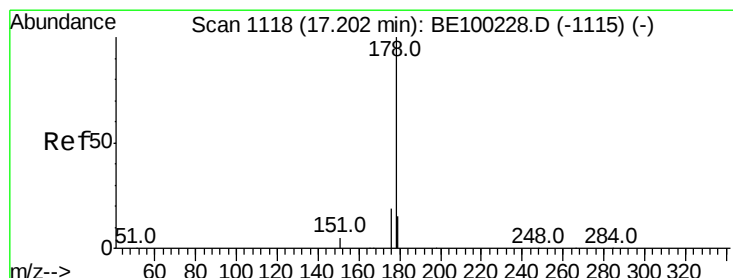
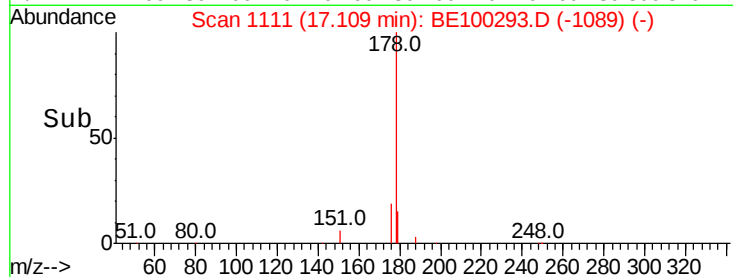
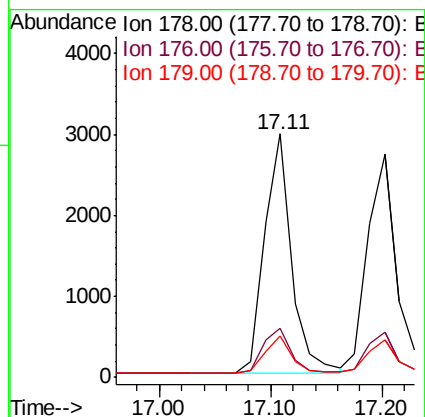
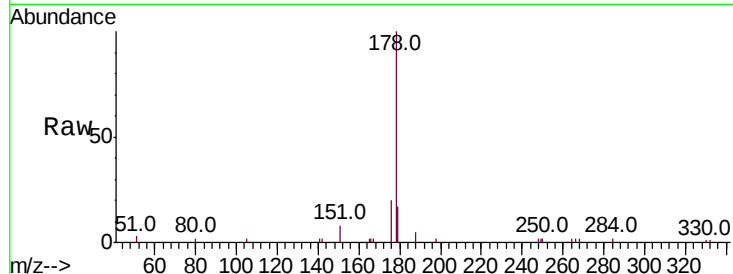
#23
Phenanthrene
Concen: 0.440 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.5	12.2	18.2

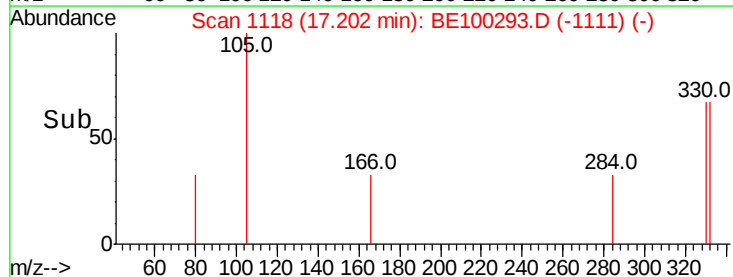
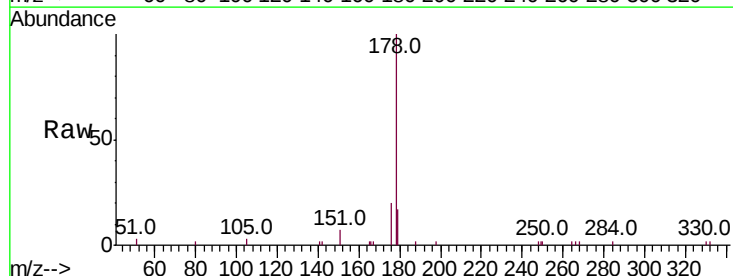
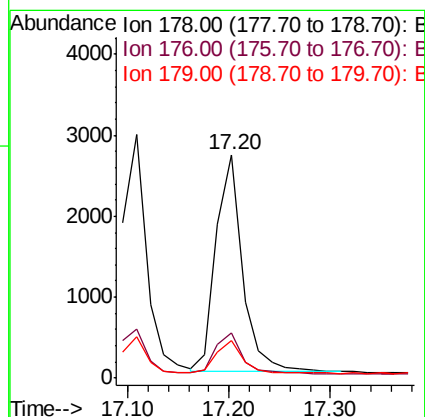
Manual Integrations
APPROVED

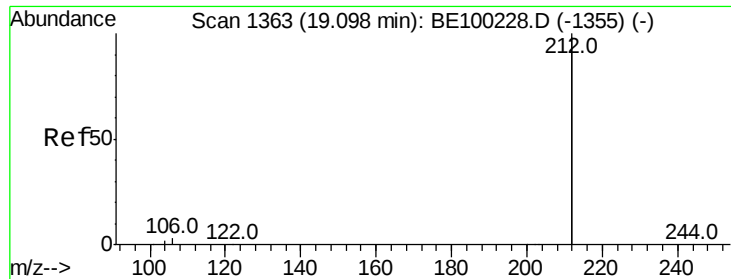
mohammad
7/3/2019 10:48:13 PM



#24
Anthracene
Concen: 0.470 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.2	18.2





#25

Fluoranthene-d10

Concen: 0.433 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Instrument :

BNA_E

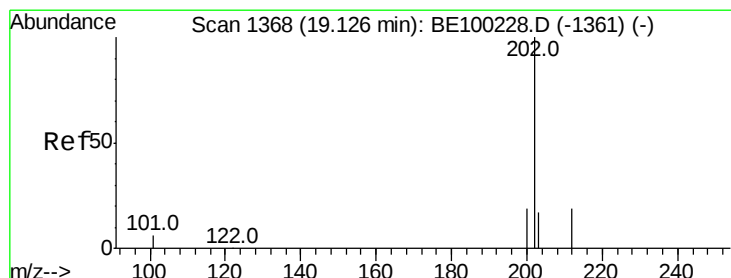
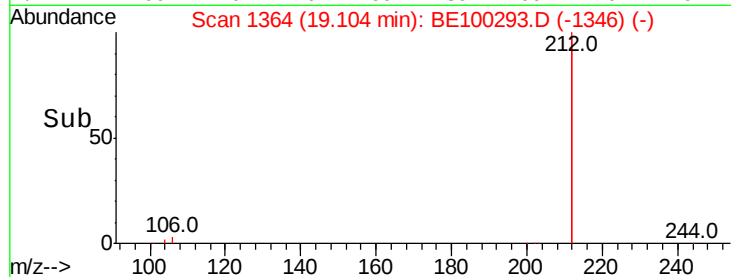
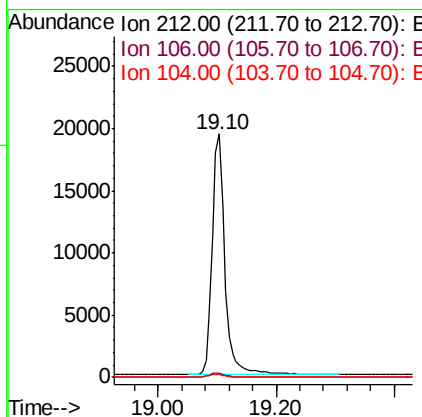
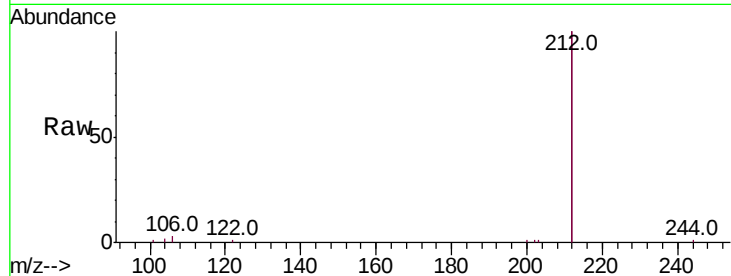
ClientSampleId :

SSTDCCC0.4

Tot Ion:	212	Resp:	29533
Ion Ratio	Lower	Upper	
212	100		
106	1.6	1.3	1.9
104	1.0	0.8	1.2

Manual Integrations
APPROVED

mohammad
7/3/2019 10:48:13 PM



#26

Fluoranthene

Concen: 0.460 ng

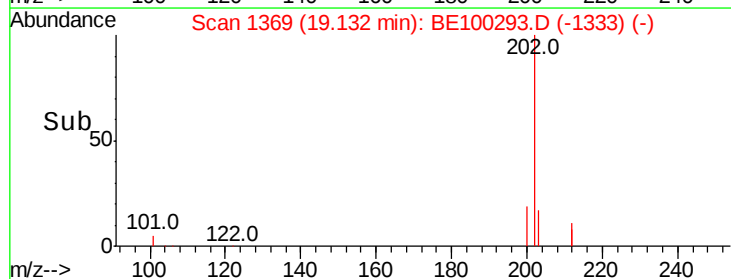
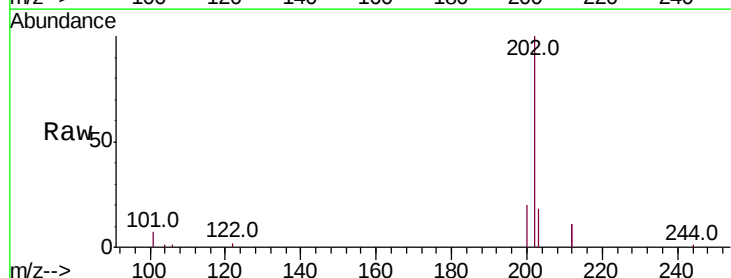
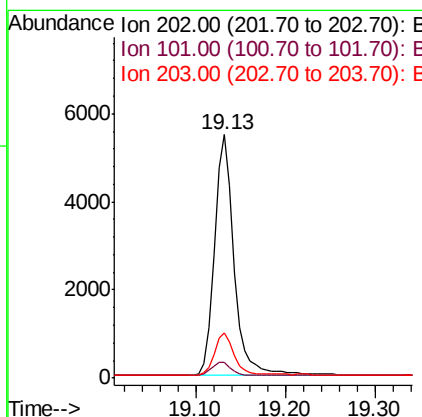
RT: 19.13 min Scan# 1369

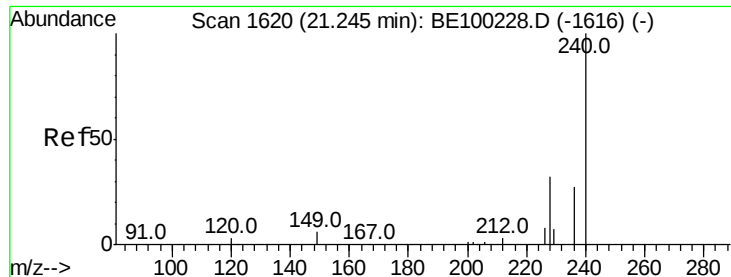
Delta R.T. 0.01 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Tgt Ion:	202	Resp:	8350
Ion Ratio	Lower	Upper	
202	100		
101	5.6	4.6	7.0
203	17.5	13.7	20.5





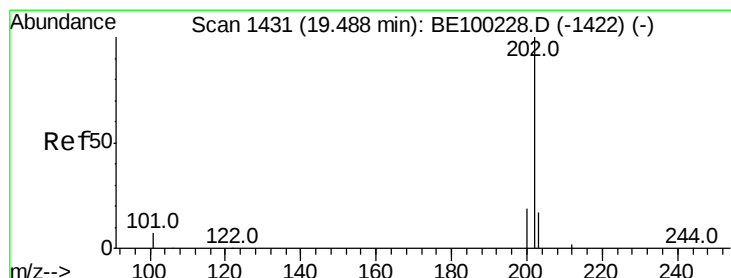
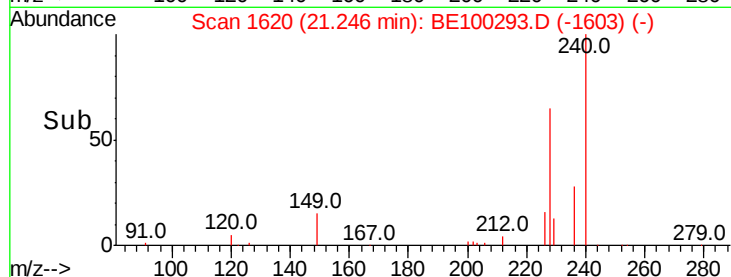
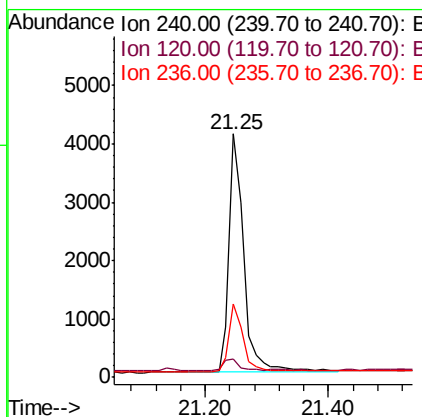
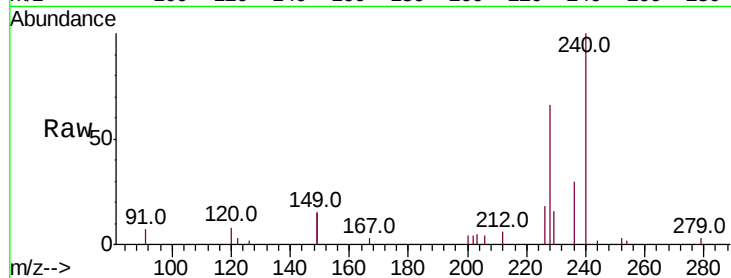
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	3.3	4.9#
236	30.1	22.6	34.0

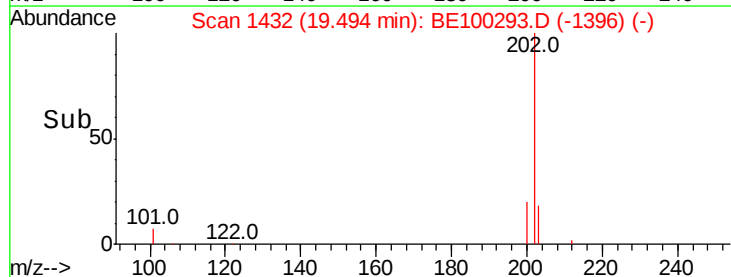
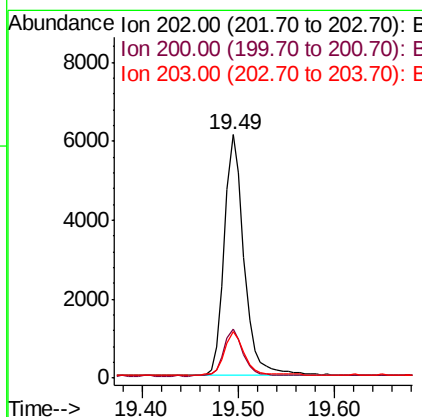
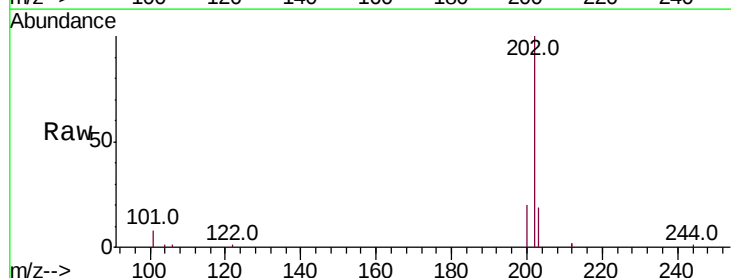
Manual Integrations
APPROVED

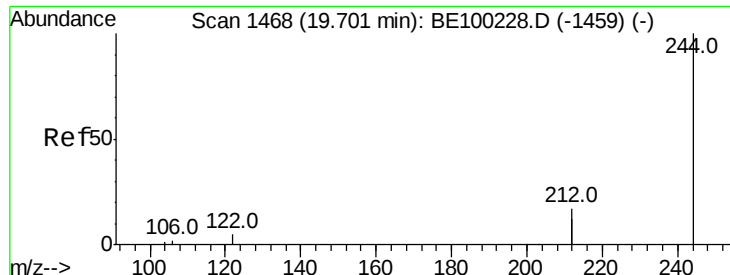
mohammad
7/3/2019 10:48:13 PM



#28
Pyrene
Concen: 0.491 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.6	23.4
203	17.9	14.0	21.0





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Instrument :

BNA_E

ClientSampleId :

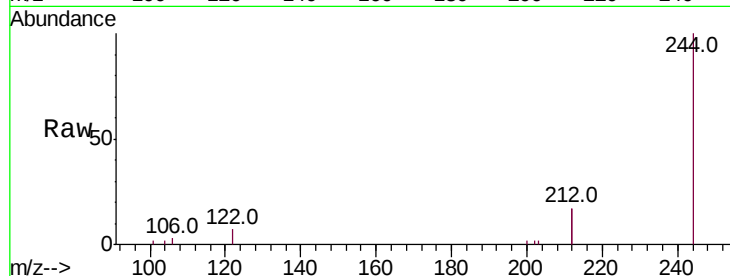
SSTDCCC0.4

Tot Ion:244 Resp: 6225

Ion	Ratio	Lower	Upper
244	100		
212	34.1	27.3	40.9
122	6.7	4.7	7.1

Manual Integrations
APPROVED

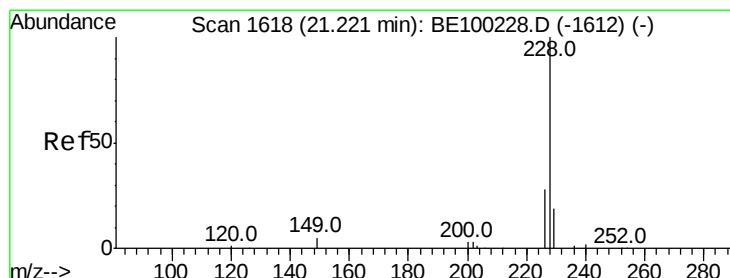
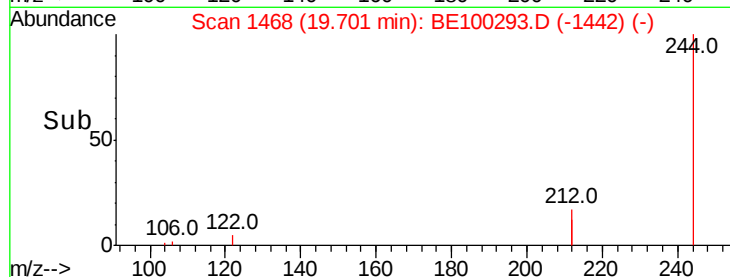
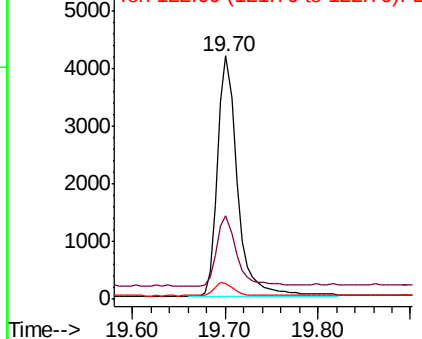
mohammad
7/3/2019 10:48:13 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.434 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

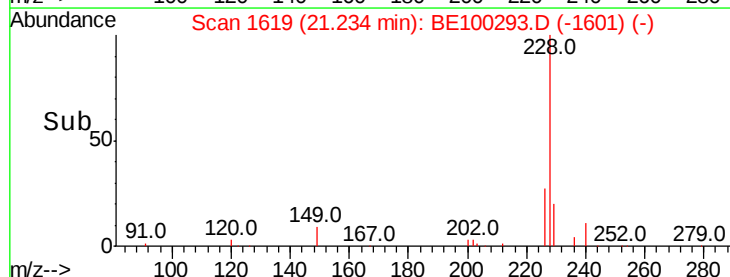
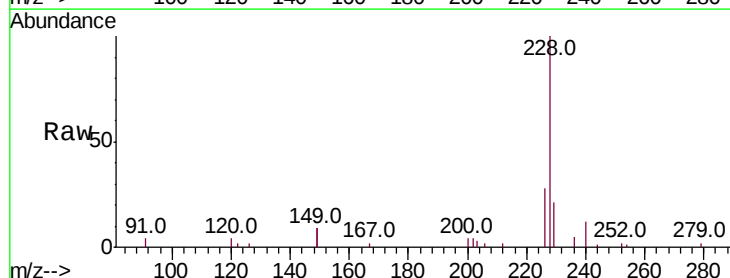
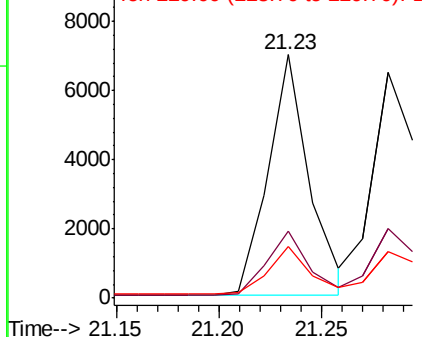
Tgt Ion:228 Resp: 9693

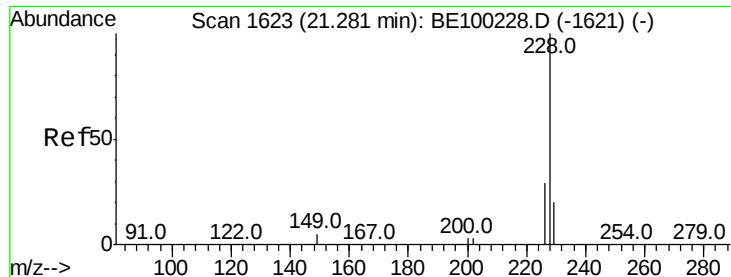
Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.2	34.8
229	21.0	15.7	23.5

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





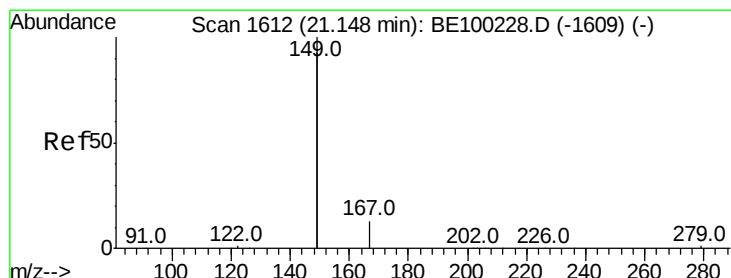
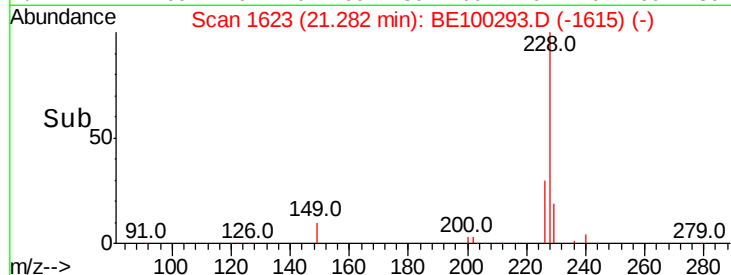
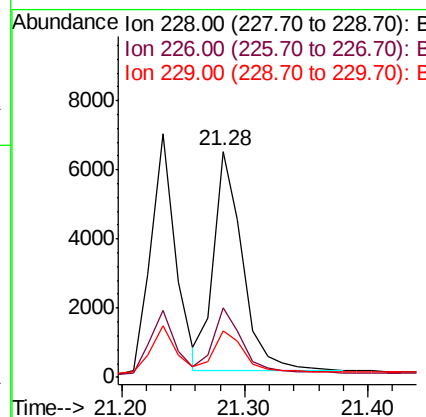
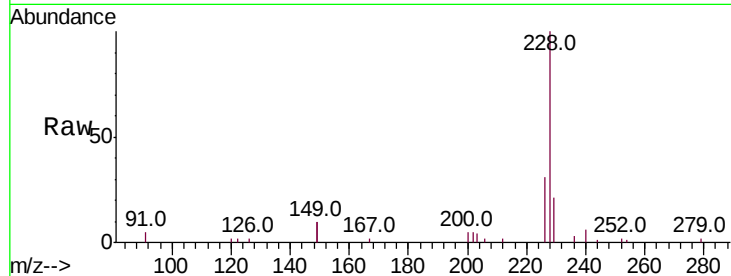
#31
Chrysene
Concen: 0.455 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.9	35.9
229	20.7	16.5	24.7

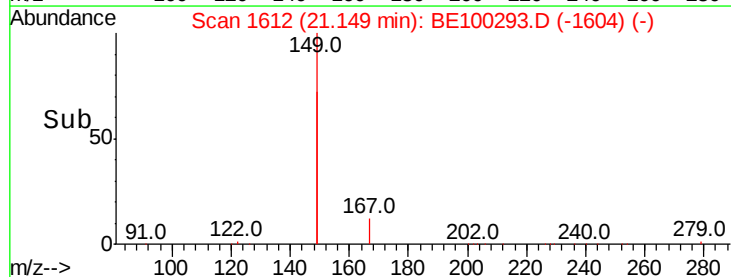
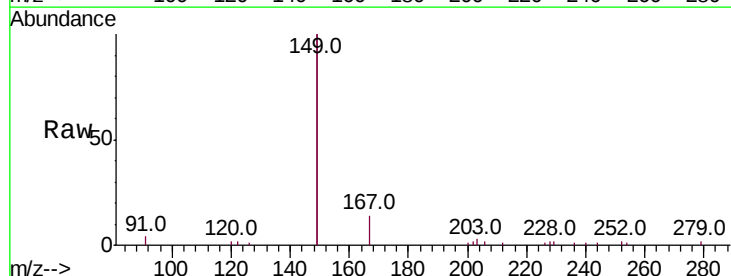
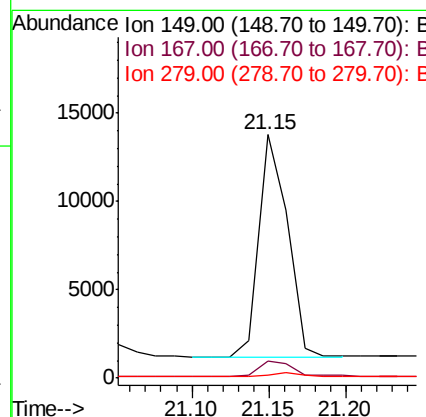
Manual Integrations
APPROVED

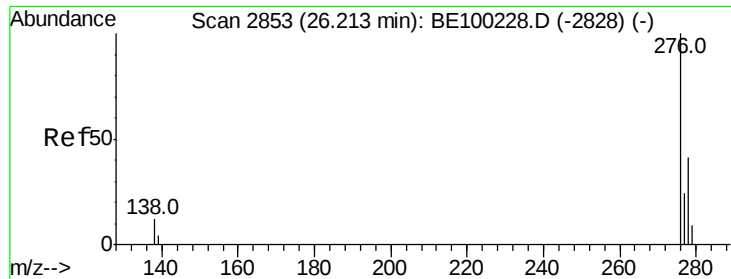
mohammad
7/3/2019 10:48:13 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.462 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	8.0	5.8	8.8
279	1.7	1.1	1.7#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.410 ng

RT: 26.23 min Scan# 2859

Delta R.T. 0.02 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Instrument :

BNA_E

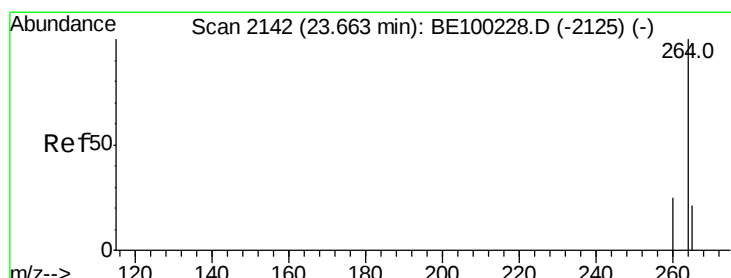
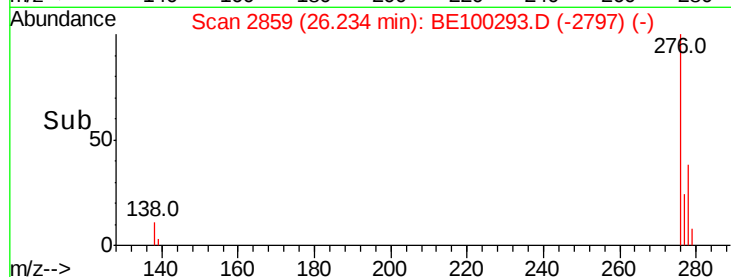
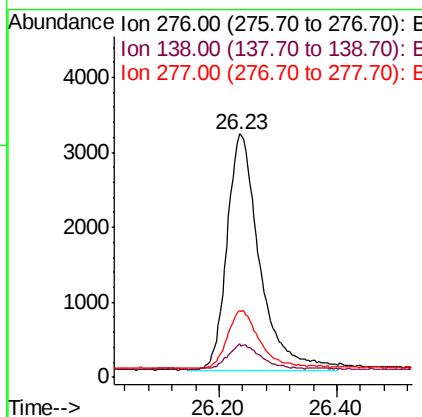
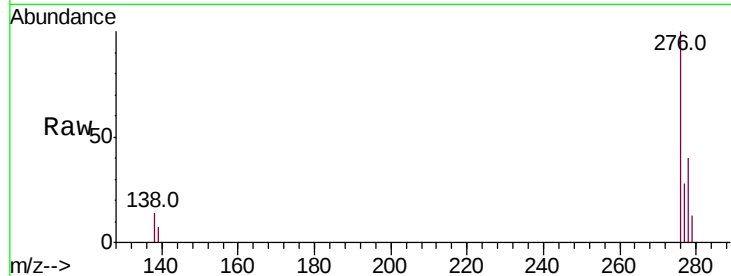
ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	12160
Ion Ratio	Lower	Upper	
276	100		
138	10.7	9.4	14.0
277	23.9	19.2	28.8

Manual Integrations
APPROVED

mohammad
7/3/2019 10:48:13 PM



#34

Perylene-d12

Concen: 0.400 ng

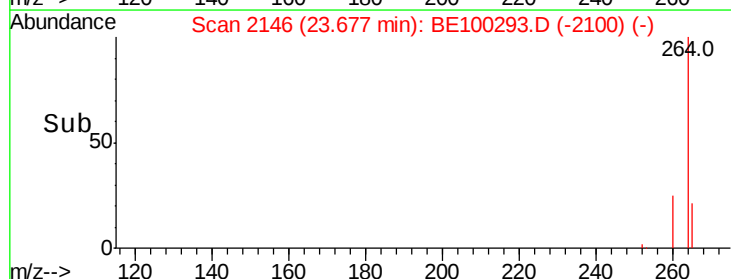
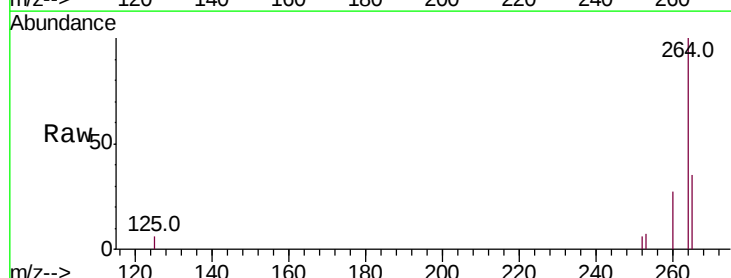
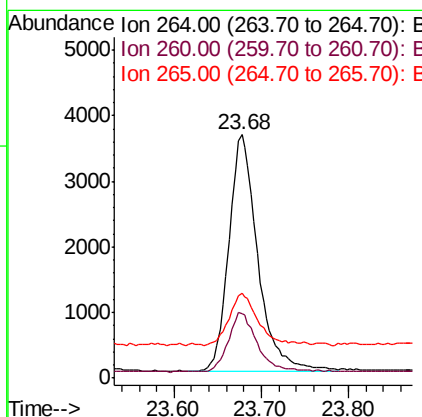
RT: 23.68 min Scan# 2146

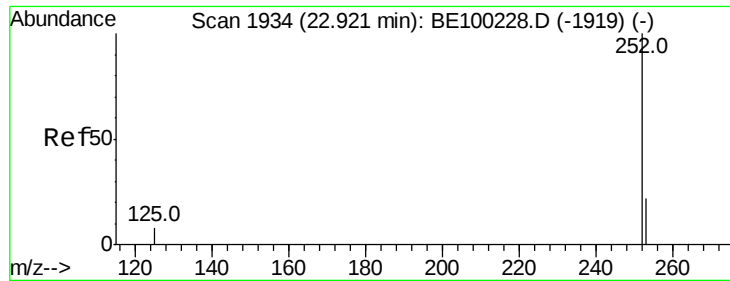
Delta R.T. 0.01 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Tgt Ion:	264	Resp:	8320
Ion Ratio	Lower	Upper	
264	100		
260	26.6	20.8	31.2
265	34.7	21.8	32.6#





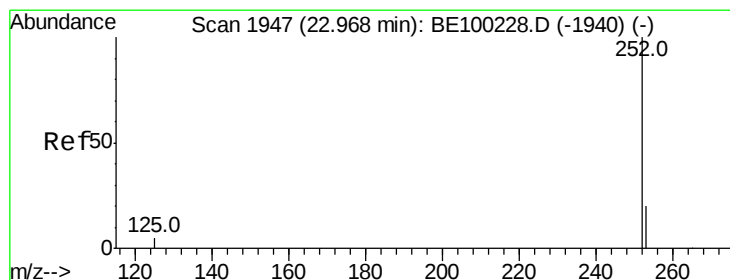
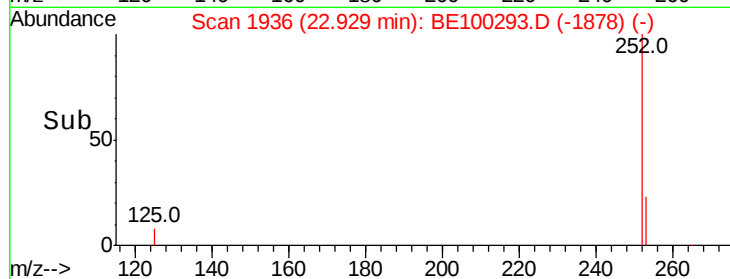
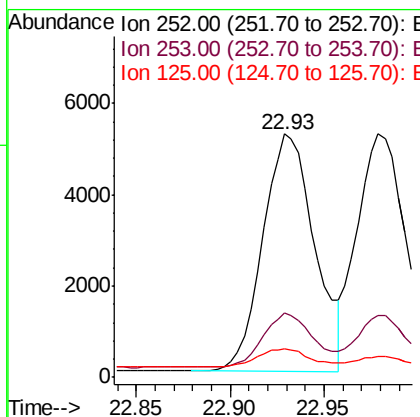
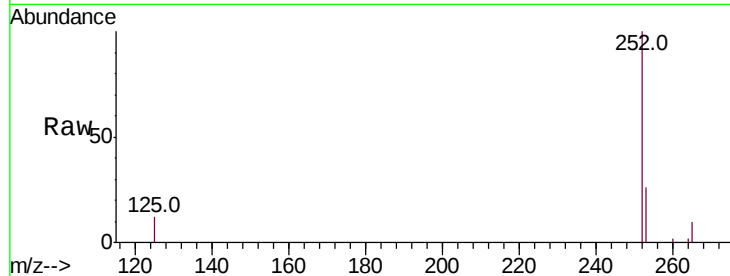
#35
Benzo(b)fluoranthene
Concen: 0.441 ng m
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.2	28.8
125	11.6	7.4	11.0

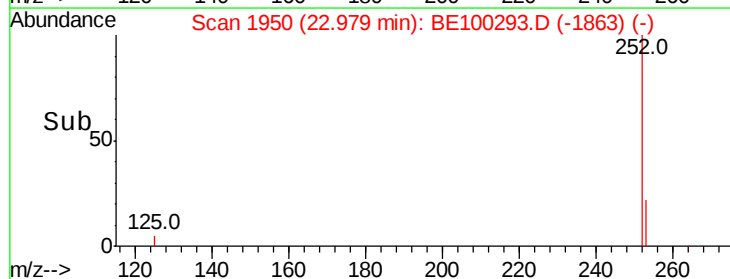
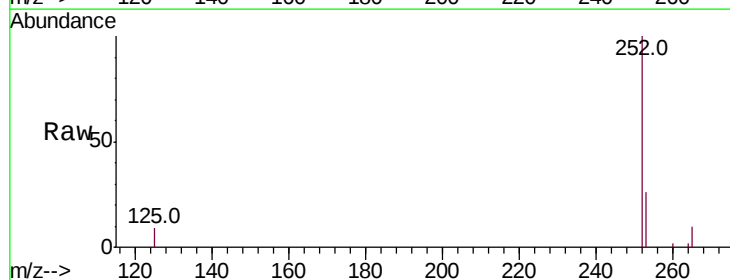
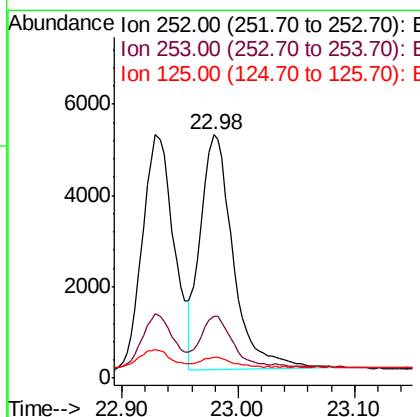
Manual Integrations
APPROVED

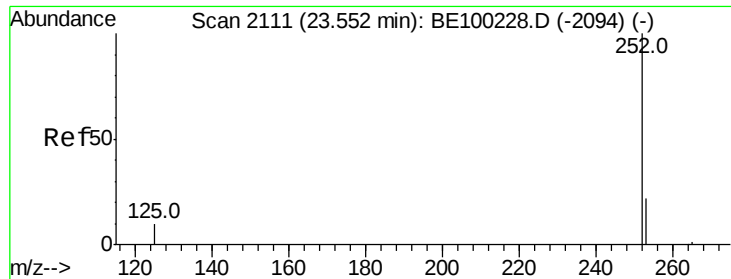
mohammad
7/3/2019 10:48:13 PM



#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.98 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	8.5	5.0	7.4





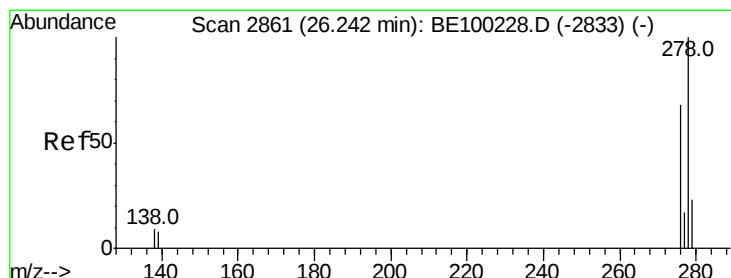
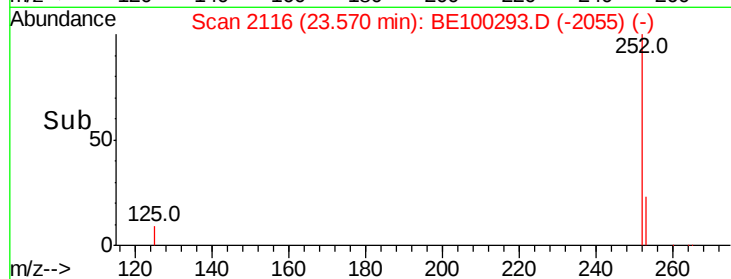
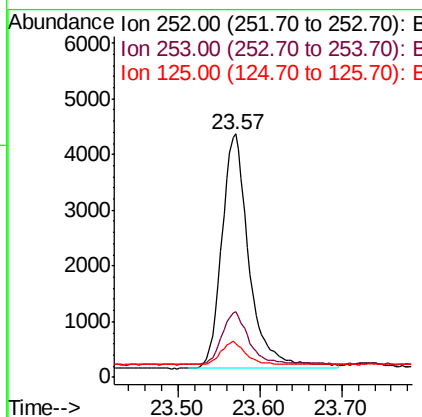
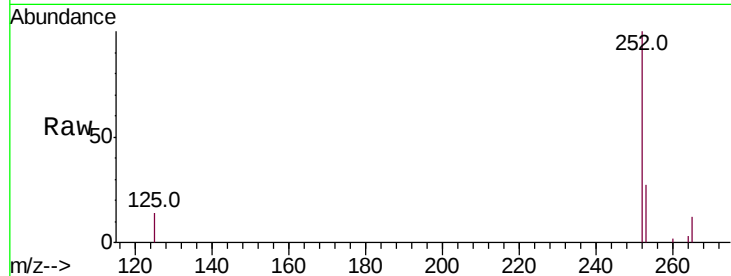
#37
Benzo(a)pyrene
Concen: 0.434 ng
RT: 23.57 min Scan# 2116
Delta R.T. 0.02 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.6	29.4
125	14.0	9.0	13.6

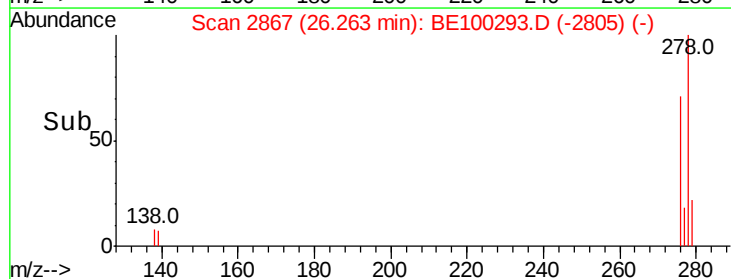
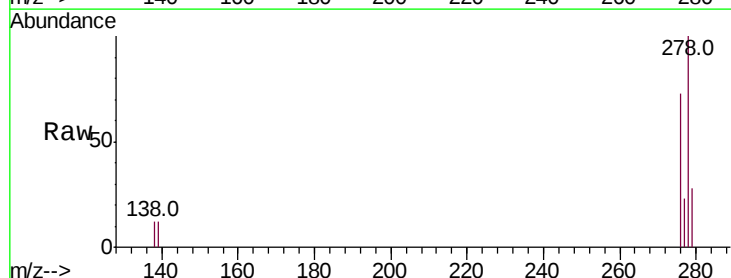
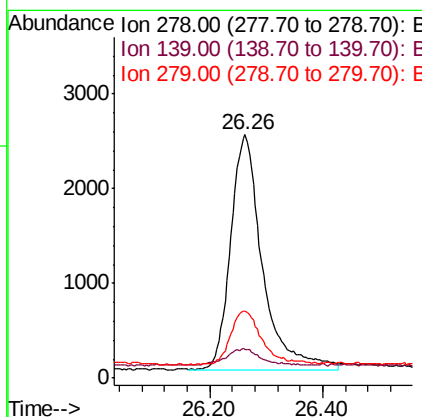
Manual Integrations
APPROVED

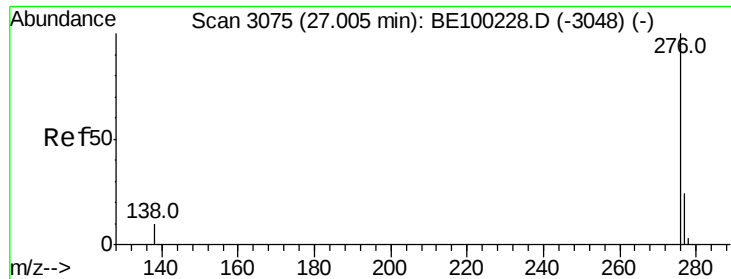
mohammad
7/3/2019 10:48:13 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 26.26 min Scan# 2867
Delta R.T. 0.02 min
Lab File: BE100293.D
Acq: 2 Jul 2019 9:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.2	12.2
279	27.5	20.3	30.5





#39

Benzo(a,h,i)perylene

Concen: 0.413 ng

RT: 27.03 min Scan# 3082

Delta R.T. 0.02 min

Lab File: BE100293.D

Acq: 2 Jul 2019 9:35

Instrument :

BNA_E

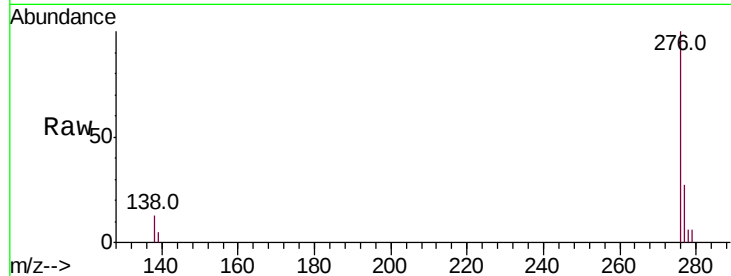
ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	10019
Ion Ratio	Lower	Upper	
276	100		
277	27.3	20.2	30.2
138	13.4	9.0	13.6

Manual Integrations
APPROVED

mohammad
7/3/2019 10:48:13 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

