

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099684.D
 Acq On : 21 May 2019 5:31
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

mohammad
 5/21/2019 3:26:24 PM

Quant Time: May 21 07:44:38 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	7.81	152	1734	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6275	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4741	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14288	0.40	ng	0.00
27) Chrysene-d12	21.42	240	21091	0.40	ng	0.00
34) Perylene-d12	23.95	264	25969	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1660	0.38	ng	0.00
5) Phenol-d6	6.97	99	2254	0.39	ng	0.00
8) Nitrobenzene-d5	8.98	82	2073	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4001	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1095	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6440	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	70236	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	14577	0.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	928	0.362	ng	# 93
3) n-Nitrosodimethylamine	3.64	42	365	0.258	ng	# 67
6) bis(2-Chloroethyl)ether	7.23	93	1848	0.358	ng	97
9) Naphthalene	10.67	128	111429	1.661	ng	99
10) Hexachlorobutadiene	10.94	225	1761	0.356	ng	99
12) 2-Methylnaphthalene	12.30	142	8647	0.790	ng	98
16) Acenaphthylene	14.20	152	8957	0.405	ng	99
17) Acenaphthene	14.54	154	4620	0.373	ng	98
18) Fluorene	15.53	166	9212	0.504	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	2965	0.360	ng	97
21) Hexachlorobenzene	16.53	284	3085	0.366	ng	99
22) Pentachlorophenol	16.89	266	1251	0.647	ng	91
23) Phenanthrene	17.27	178	27612	0.791	ng	100
24) Anthracene	17.36	178	14591	0.461	ng	99
26) Fluoranthene	19.29	202	27389	0.496	ng	100
28) Pyrene	19.66	202	31312	0.591	ng	99
30) Benzo(a)anthracene	21.40	228	29713	0.496	ng	99
31) Chrysene	21.45	228	29107	0.454	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	40236	0.583	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	33199	0.429	ng	99
35) Benzo(b)fluoranthene	23.17	252	29798m	0.419	ng	
36) Benzo(k)fluoranthene	23.22	252	27647	0.373	ng	100
37) Benzo(a)pyrene	23.84	252	28454	0.416	ng	# 96
38) Dibenzo(a,h)anthracene	26.68	278	26235	0.365	ng	# 96
39) Benzo(g,h,i)perylene	27.47	276	26873	0.370	ng	99

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

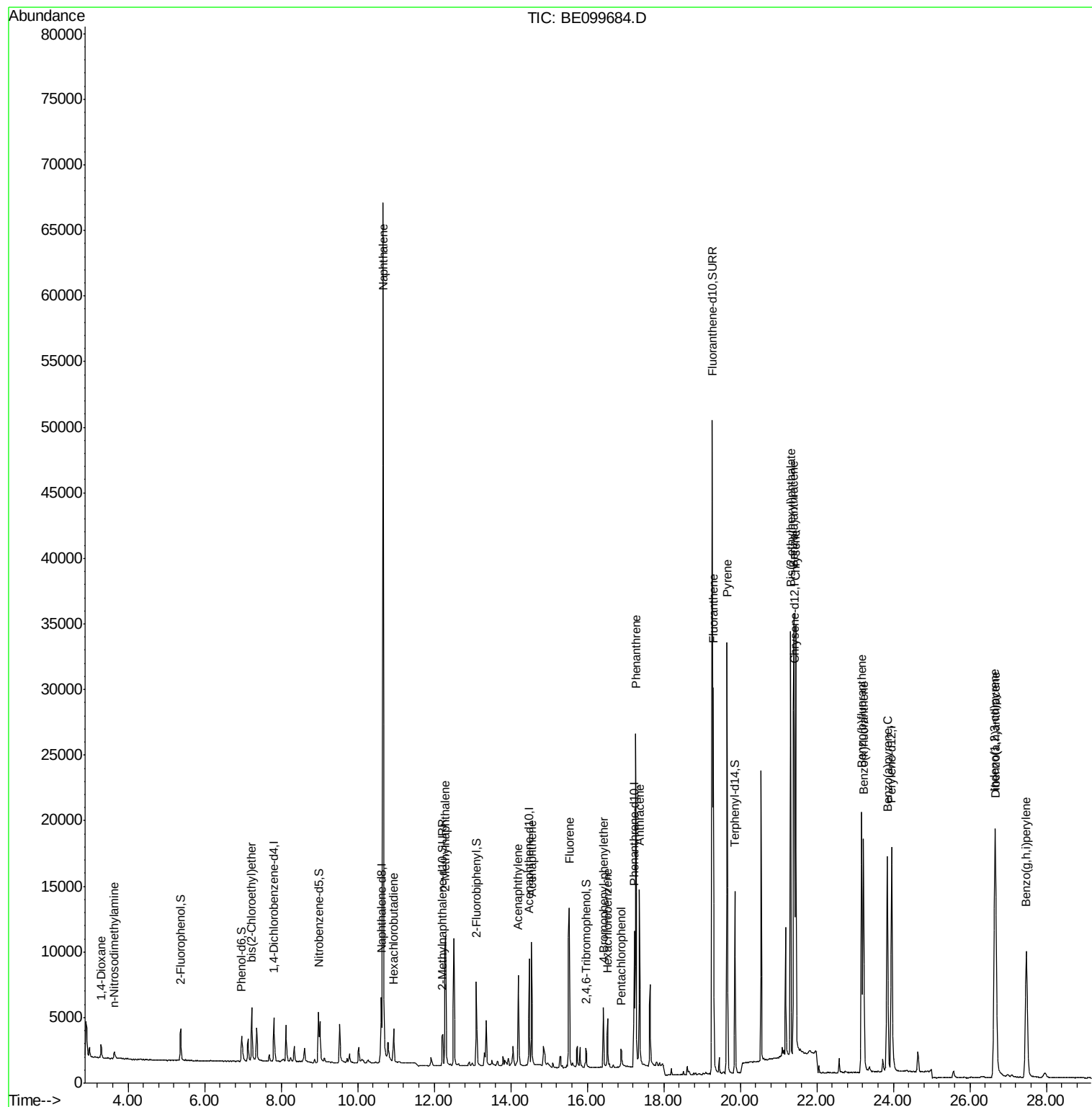
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099684.D
Acq On : 21 May 2019 5:31
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

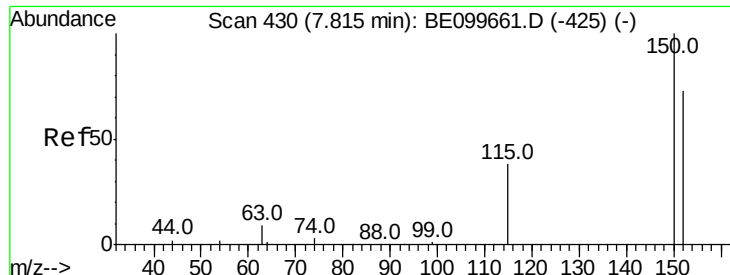
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM

Quant Time: May 21 07:44:38 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: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

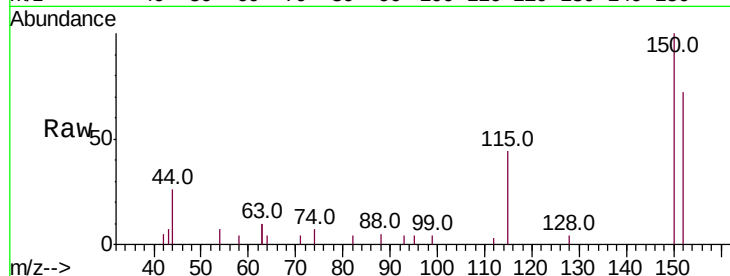
ClientSampleId :

SSTDCCC0.4EC

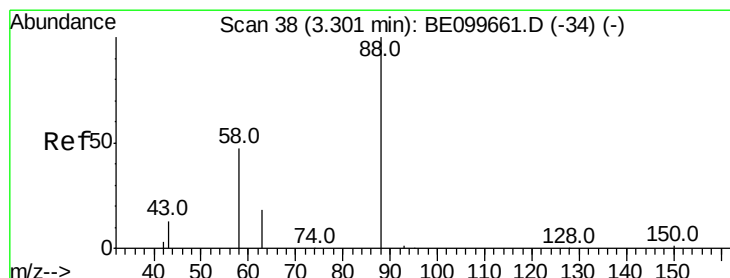
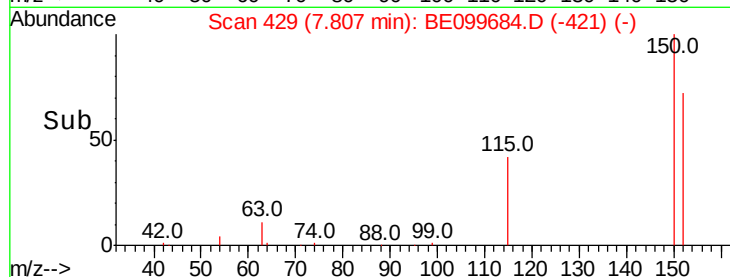
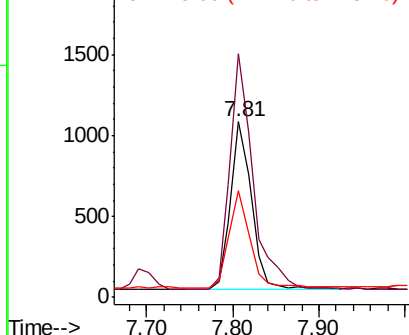
Tot Ion:	152	Resp:	1734
Ion	Ratio	Lower	Upper
152	100		
150	138.8	109.2	163.8
115	61.0	43.7	65.5

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 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: 0.362 ng

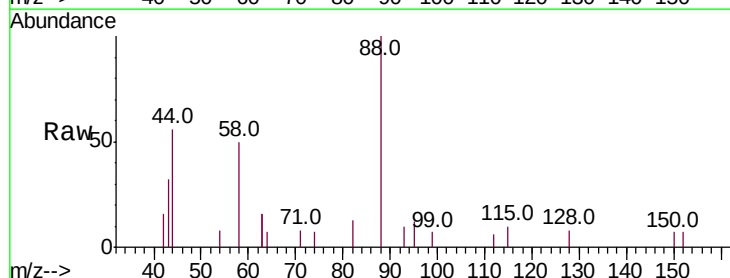
RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

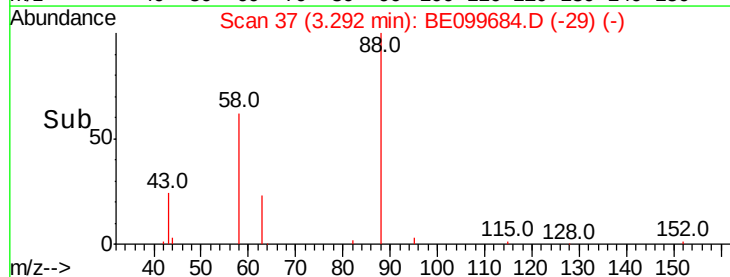
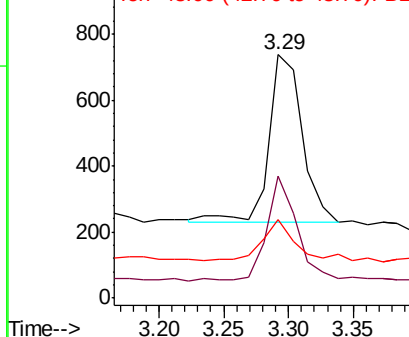
Lab File: BE099684.D

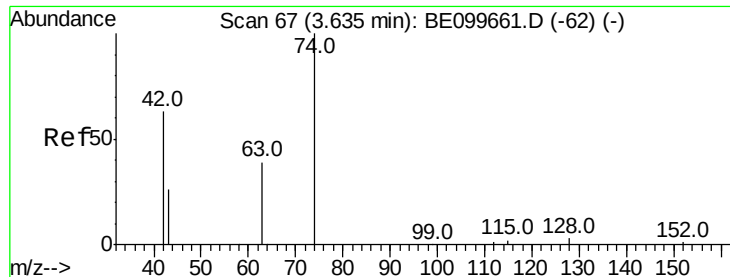
Acq: 21 May 2019 5:31

Tgt Ion:	88	Resp:	928
Ion	Ratio	Lower	Upper
88	100		
58	55.6	41.8	62.8
43	24.5	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: 0.258 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

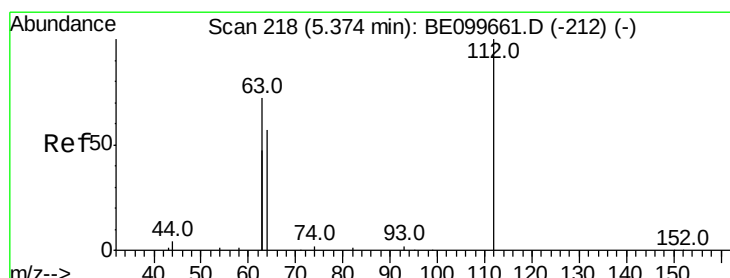
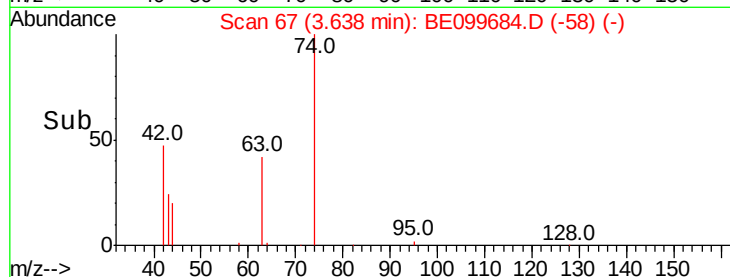
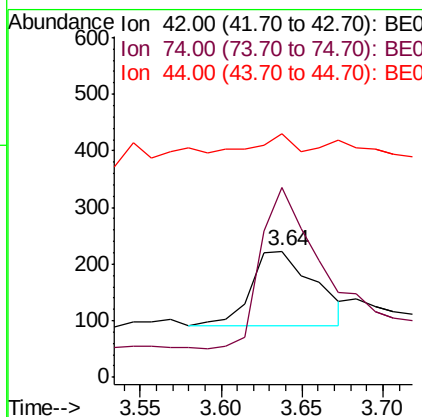
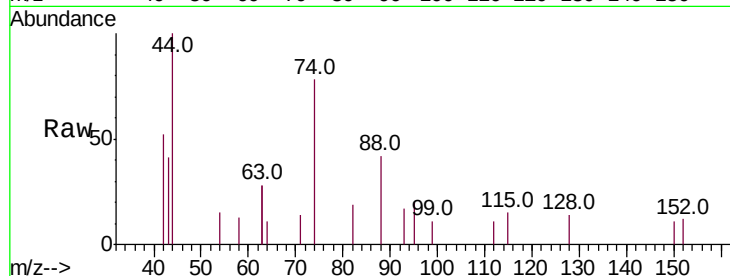
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	42	Resp:	365
Ion Ratio	Lower	Upper	
42	100		
74	205.5	129.2	193.8#
44	7.4	0.0	0.0#

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM



#4

2-Fluorophenol

Concen: 0.379 ng

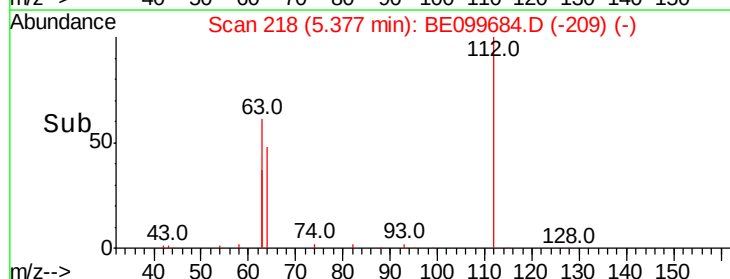
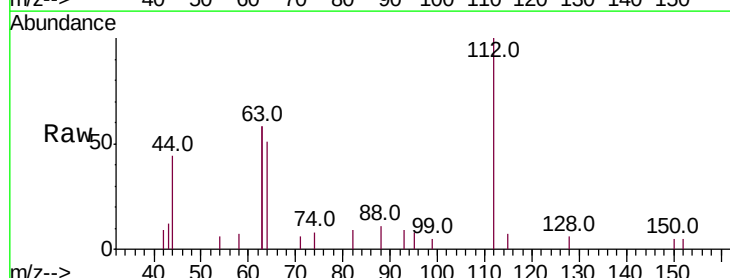
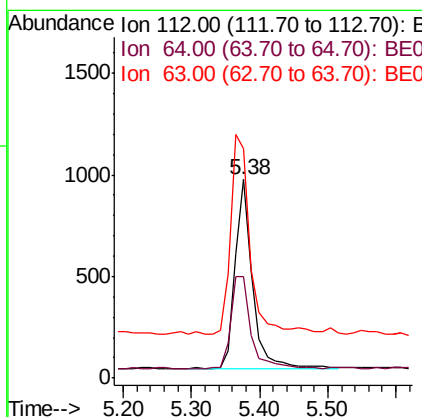
RT: 5.38 min Scan# 218

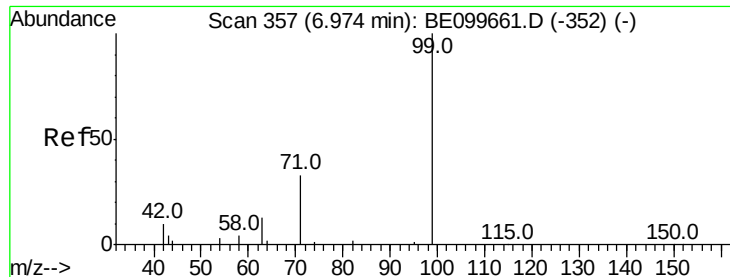
Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Tgt Ion:	112	Resp:	1660
Ion Ratio	Lower	Upper	
112	100		
64	56.5	43.4	65.2
63	118.6	96.9	145.3





#5

Phenol-d6

Concen: 0.389 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

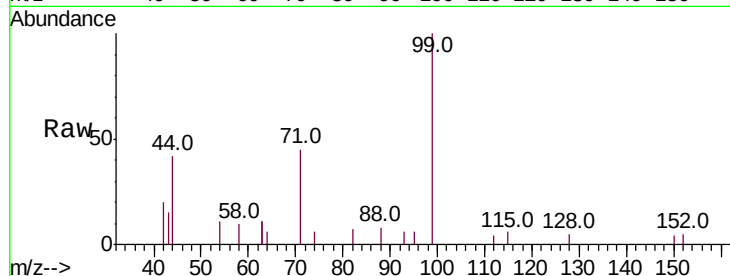
ClientSampleId :

SSTDCCC0.4EC

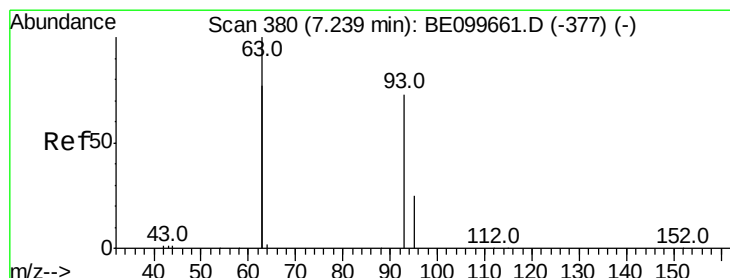
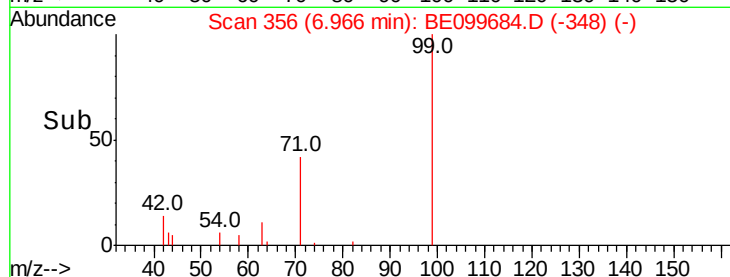
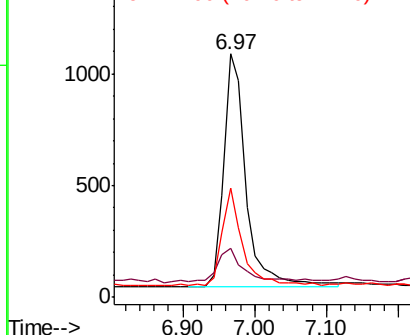
Tot Ion:	99	Resp:	2254
Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	38.5	28.9	43.3

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.358 ng

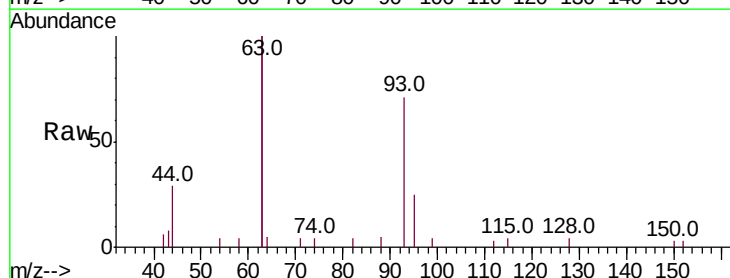
RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

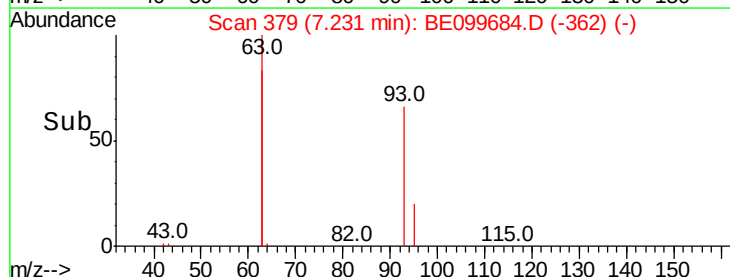
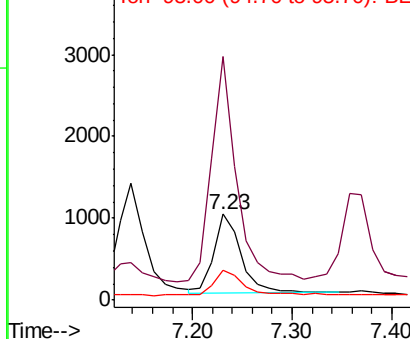
Lab File: BE099684.D

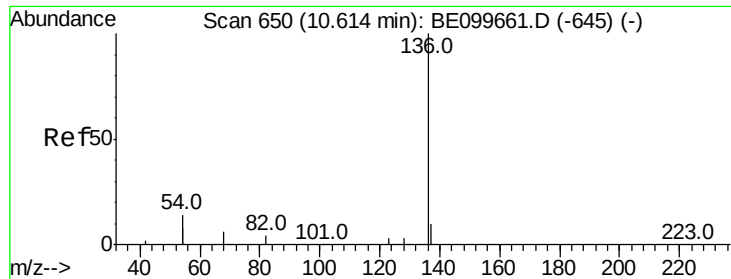
Acq: 21 May 2019 5:31

Tgt Ion:	93	Resp:	1848
Ion	Ratio	Lower	Upper
93	100		
63	262.5	207.8	311.6
95	38.7	25.9	38.9



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

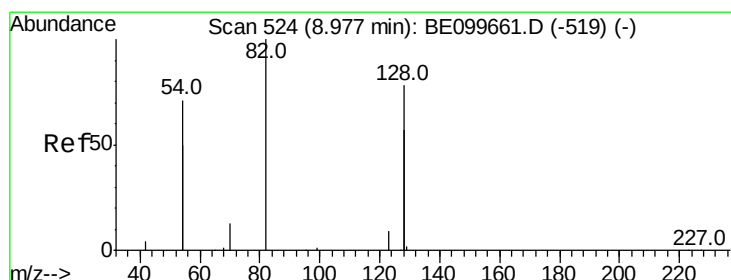
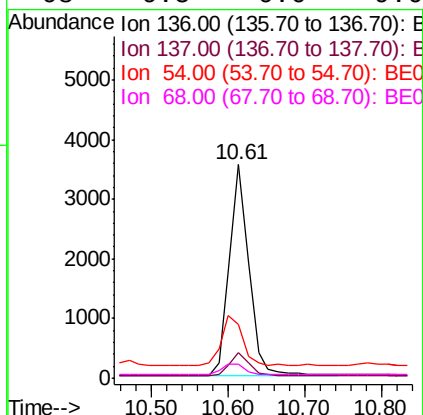
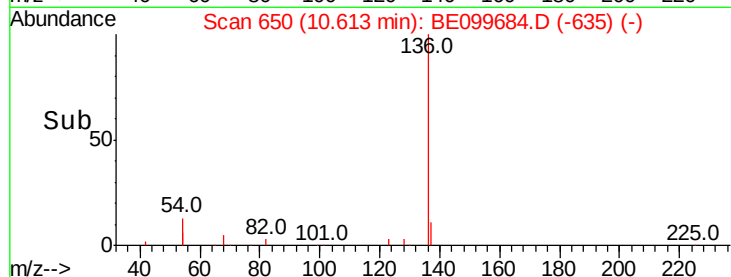
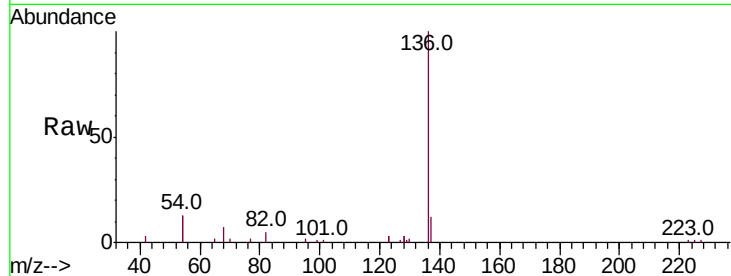
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	25.1	22.3	33.5
68	6.5	6.0	9.0

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM



#8

Nitrobenzene-d5

Concen: 0.382 ng

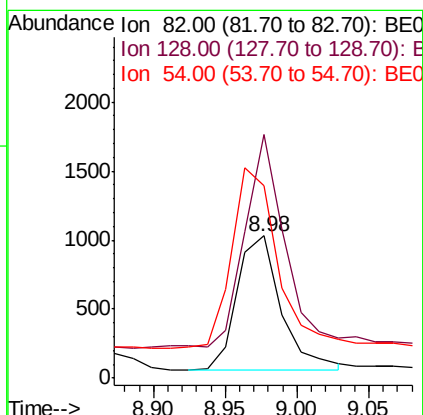
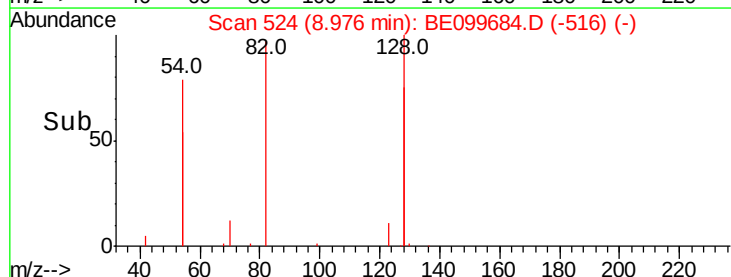
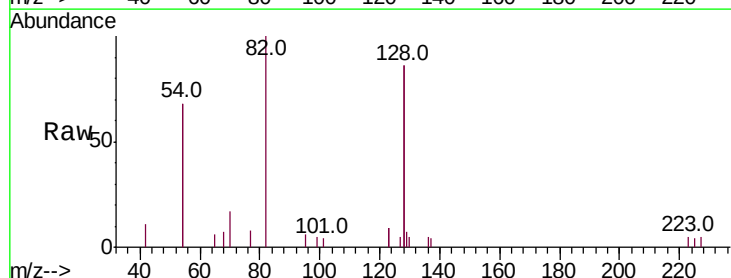
RT: 8.98 min Scan# 524

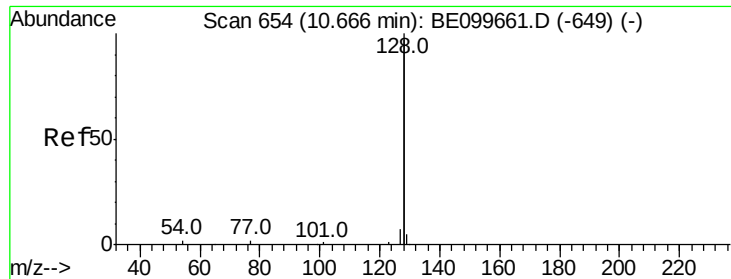
Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
82	100		
128	171.6	117.7	176.5
54	135.8	106.6	160.0





#9

Naphthalene

Concen: 1.661 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

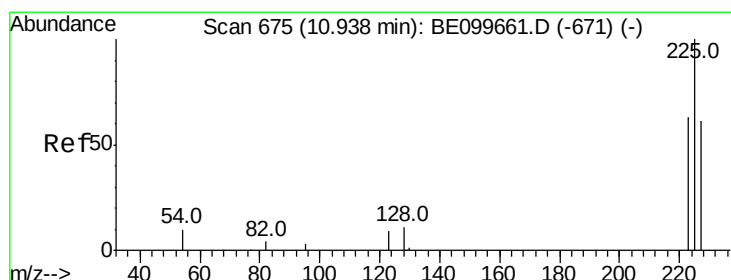
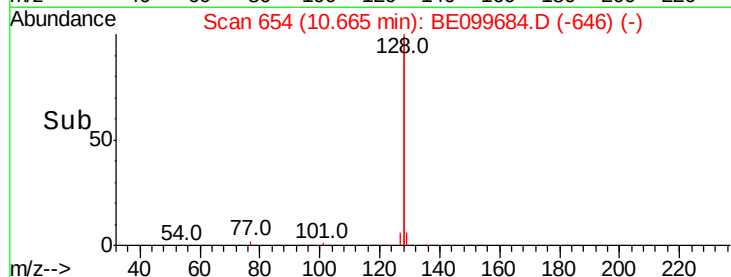
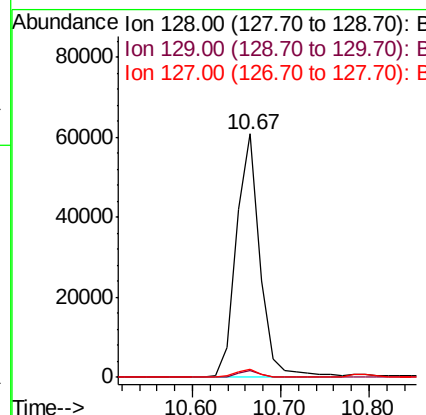
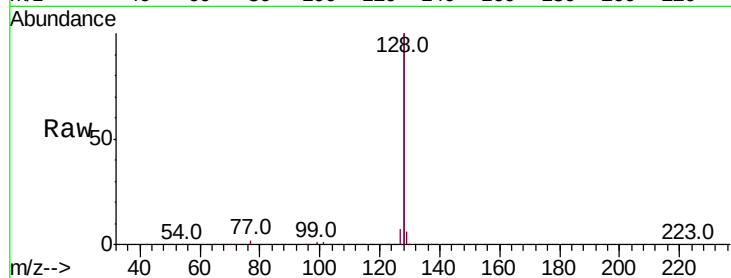
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.3	2.9	4.3

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM



#10

Hexachlorobutadiene

Concen: 0.356 ng

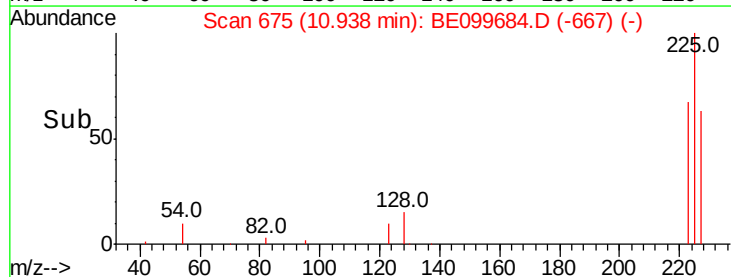
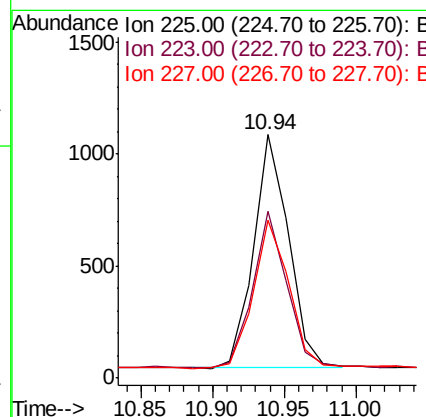
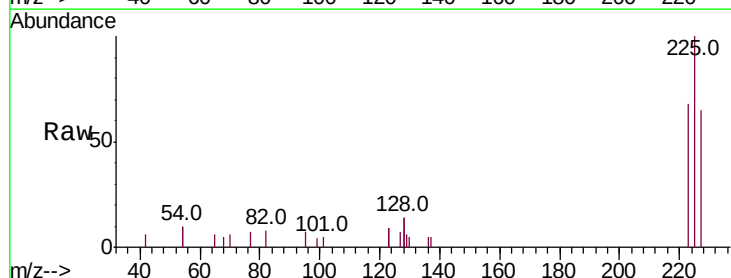
RT: 10.94 min Scan# 675

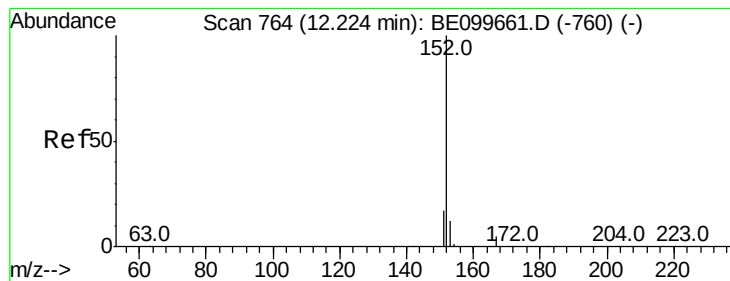
Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.8	77.6
227	64.6	52.6	79.0





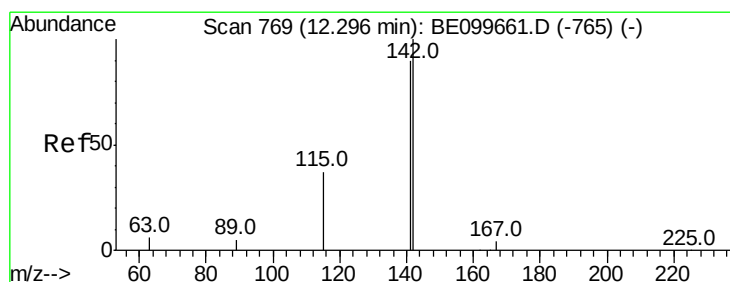
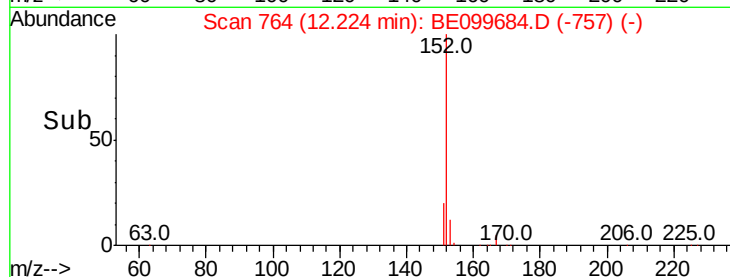
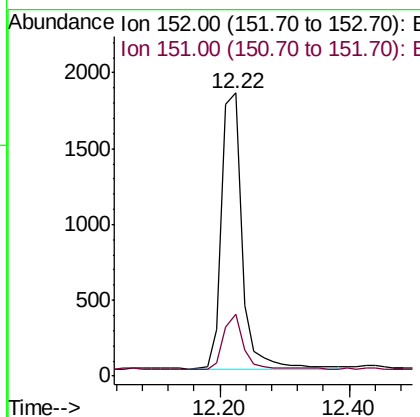
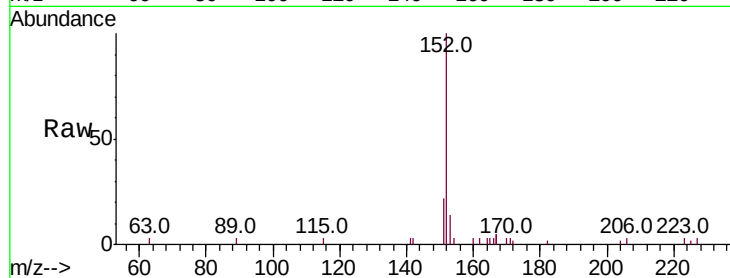
#11
 2-Methylnaphthalene-d10
 Concen: 0.369 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099684.D
 Acq: 21 May 2019 5:31

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.0	22.4

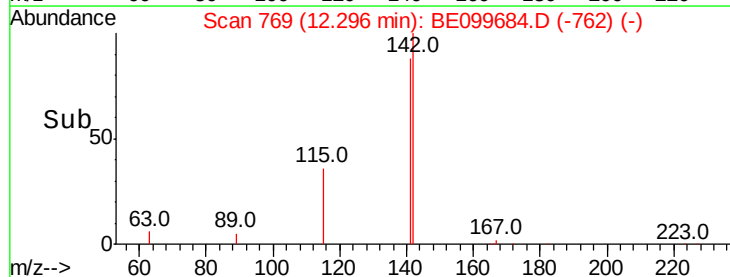
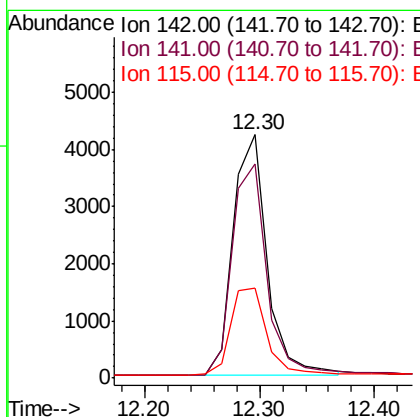
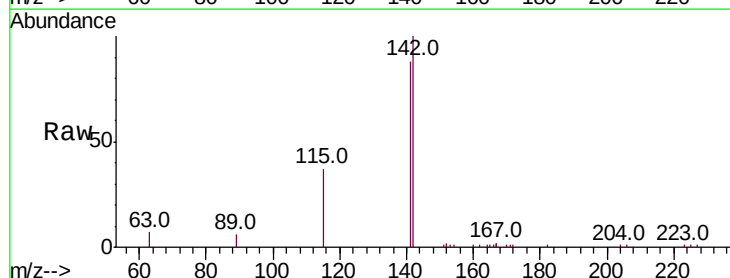
Manual Integrations
 APPROVED

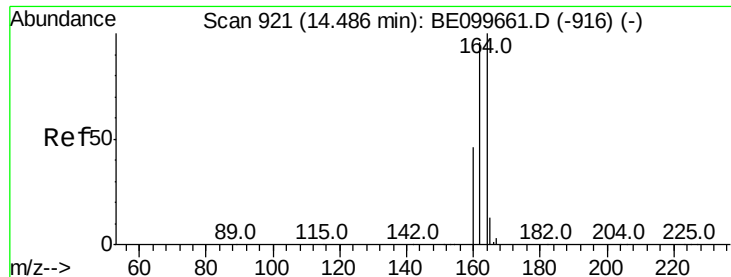
mohammad
 5/21/2019 3:26:24 PM



#12
 2-Methylnaphthalene
 Concen: 0.790 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE099684.D
 Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.0	108.0
115	36.7	31.0	46.4





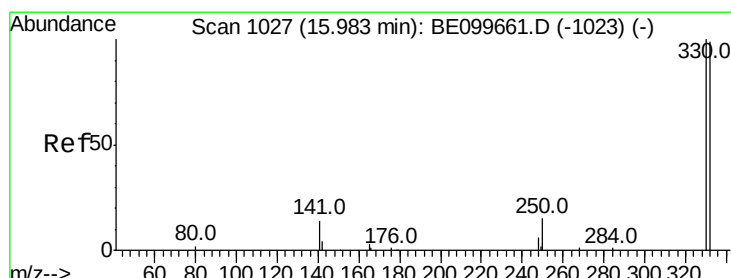
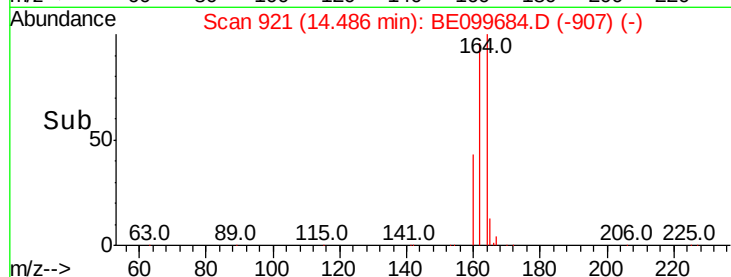
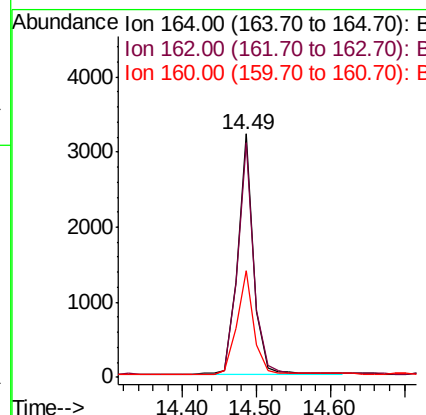
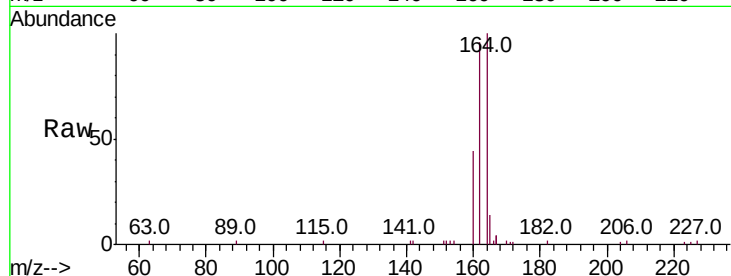
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	76.5	114.7
160	43.8	37.4	56.2

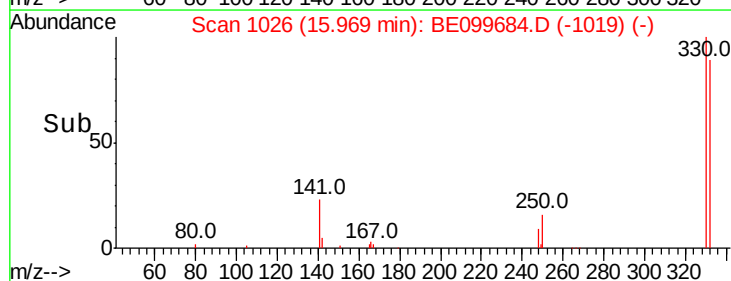
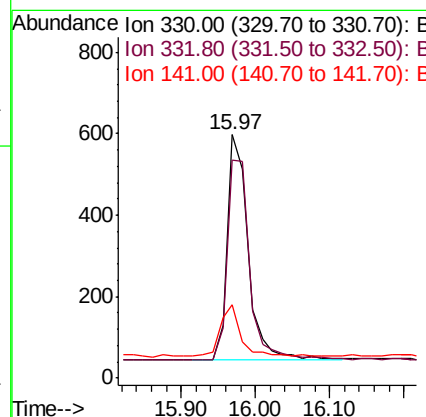
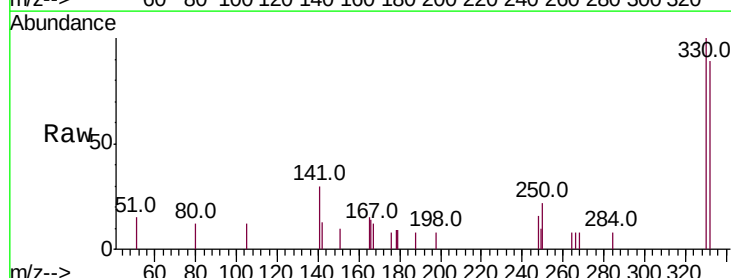
Manual Integrations
APPROVED

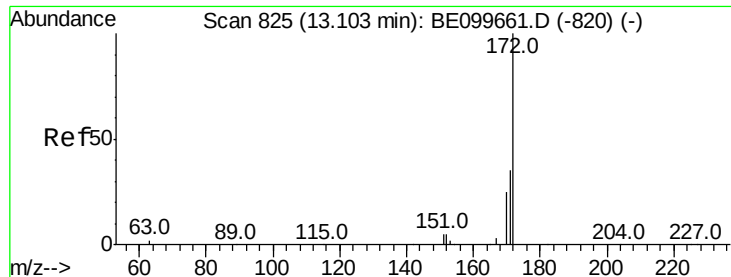
mohammad
5/21/2019 3:26:24 PM



#14
2,4,6-Tribromophenol
Concen: 0.433 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	22.5	18.9	28.3





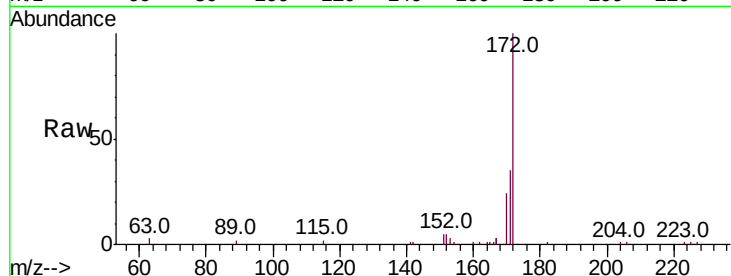
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	24.0	20.9	31.3

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM

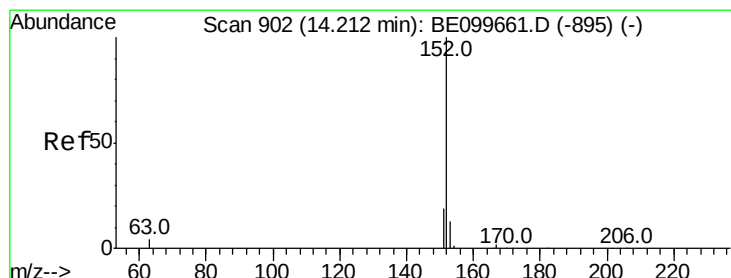
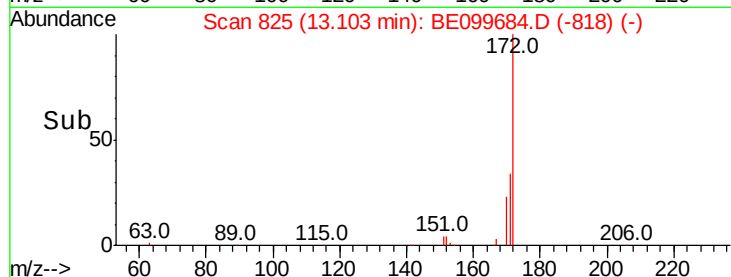
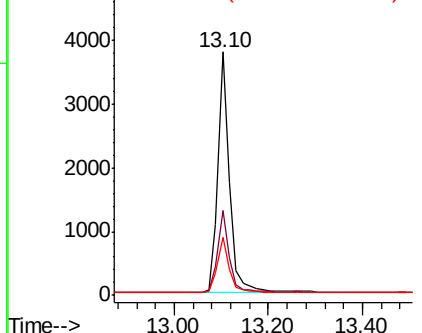


Abundance

Ion 172.00 (171.70 to 172.70): E

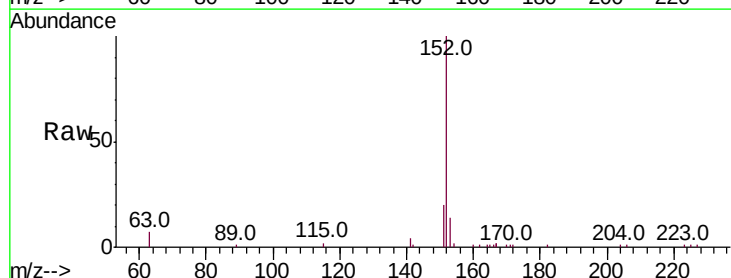
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.9	23.9
153	13.1	10.6	16.0

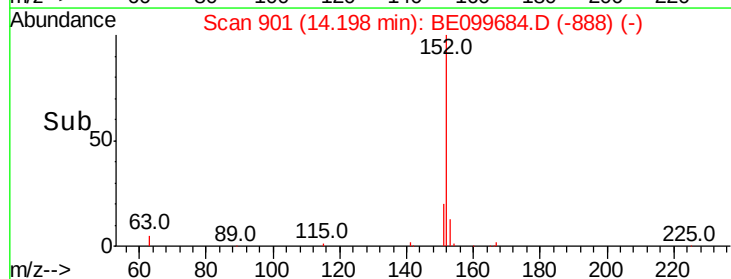
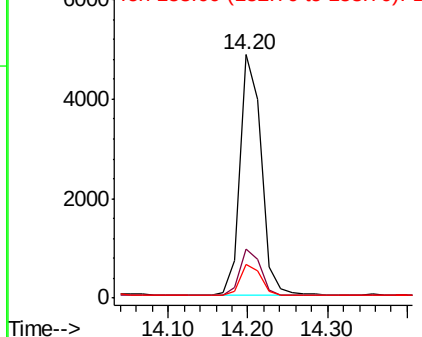


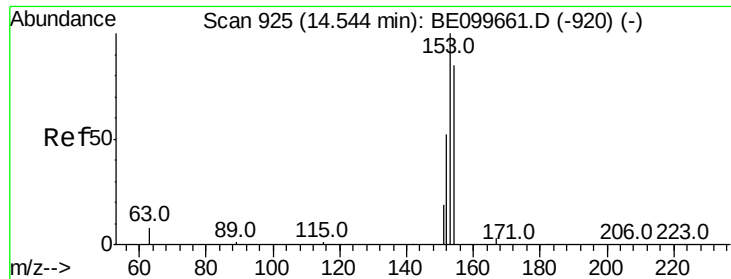
Abundance

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





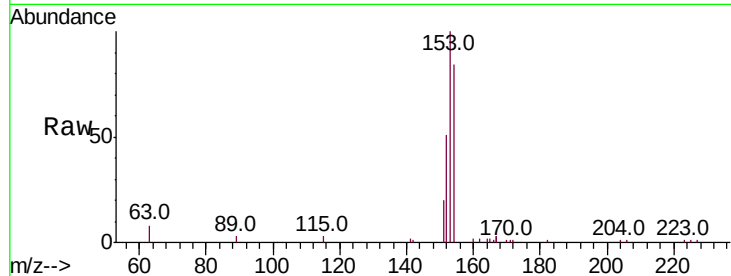
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.8	91.8	137.6
152	58.8	46.0	69.0

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM

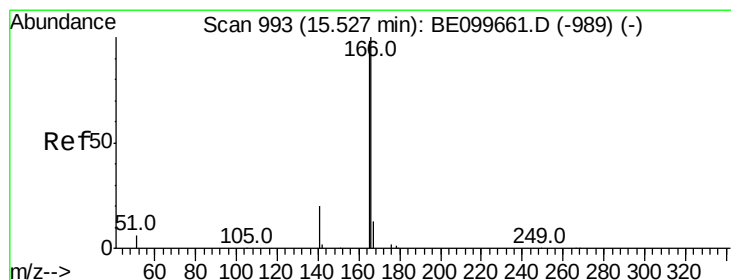
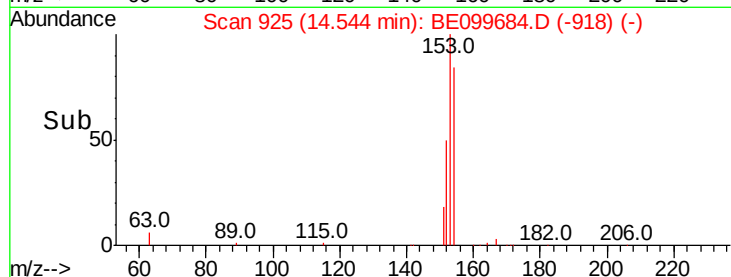
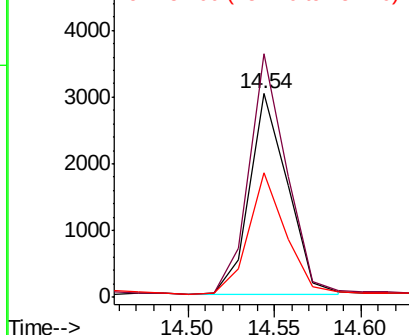


Abundance

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: 0.504 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

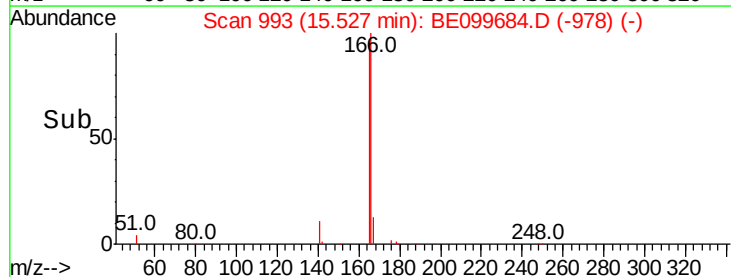
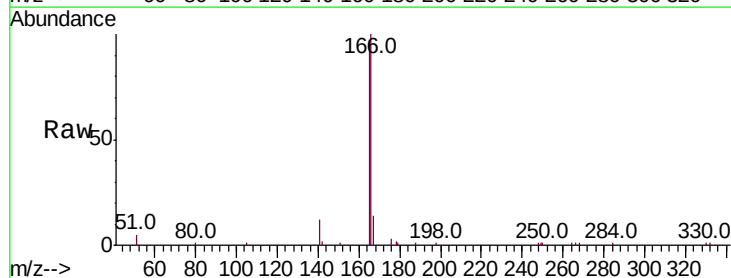
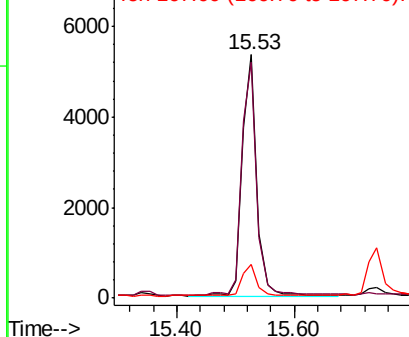
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.3	120.5
167	12.7	10.6	16.0

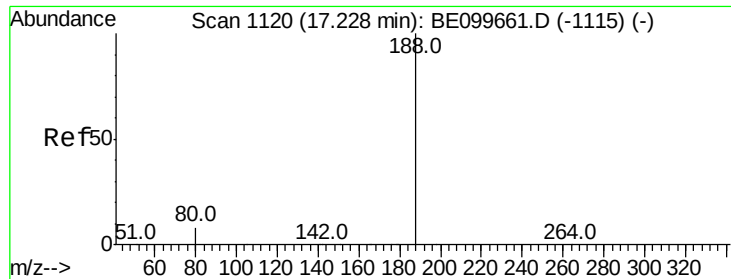
Abundance

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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

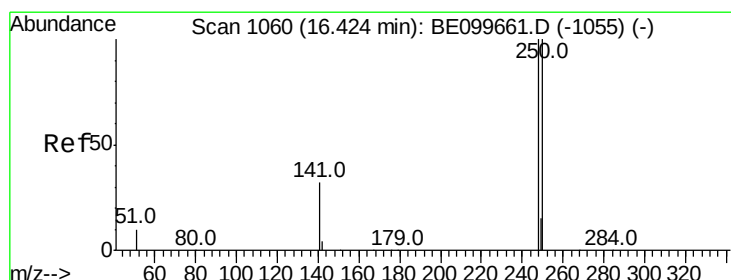
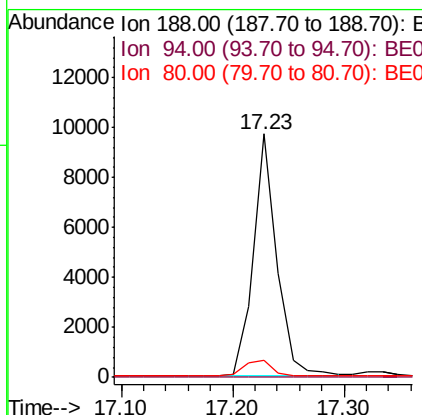
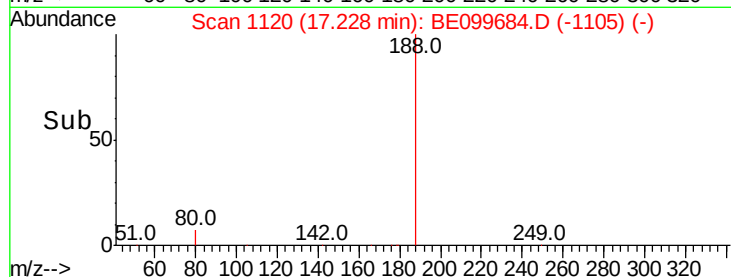
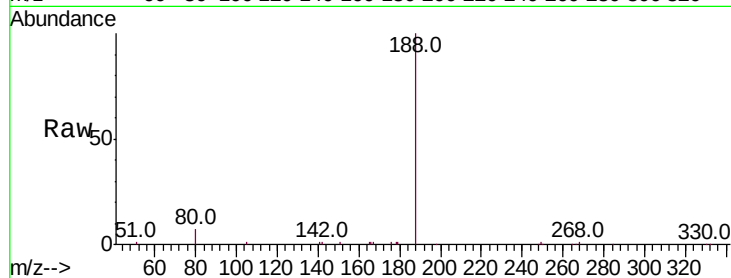
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	188	Resp:	14288
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.1	6.7	10.1

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM



#20

4-Bromophenyl-phenylether

Concen: 0.360 ng

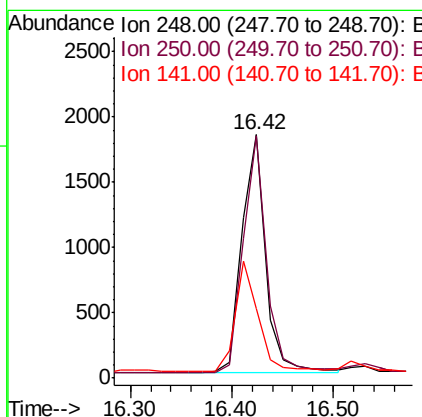
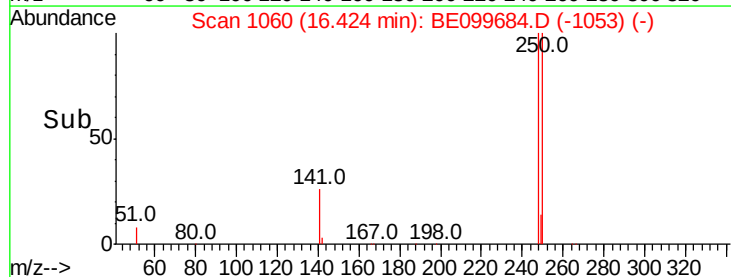
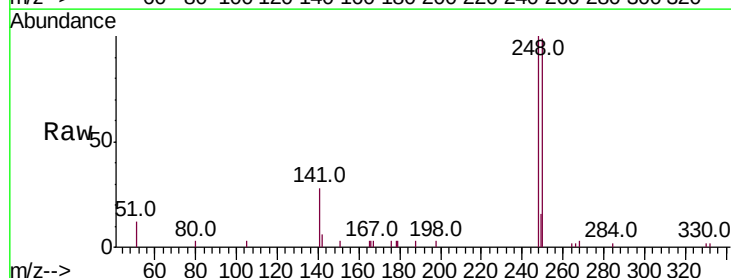
RT: 16.42 min Scan# 1060

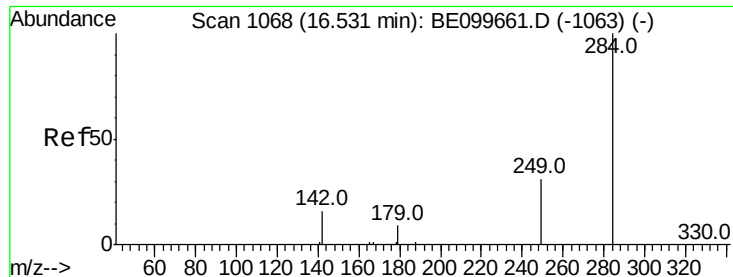
Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Tgt Ion:	248	Resp:	2965
Ion Ratio	Lower	Upper	
248	100		
250	99.5	79.8	119.8
141	28.4	27.0	40.6





#21

Hexachlorobenzene

Concen: 0.366 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

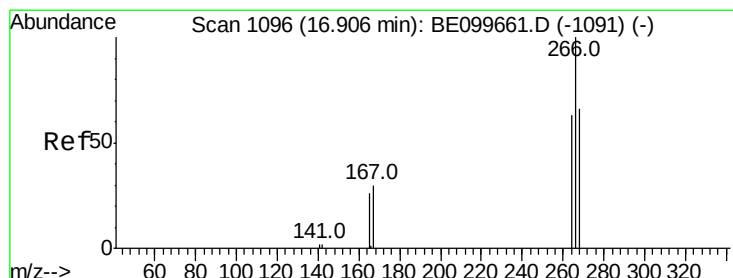
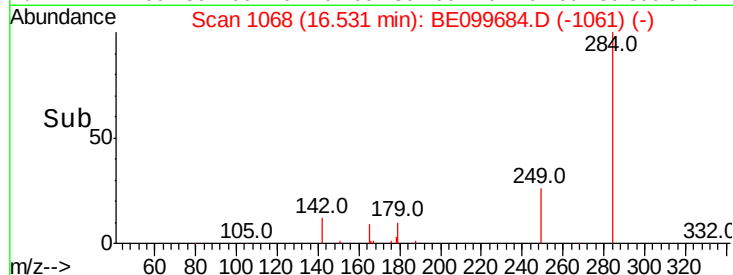
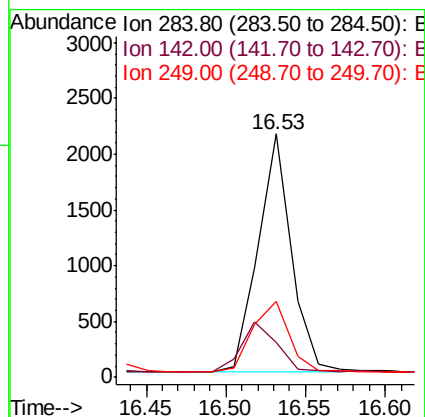
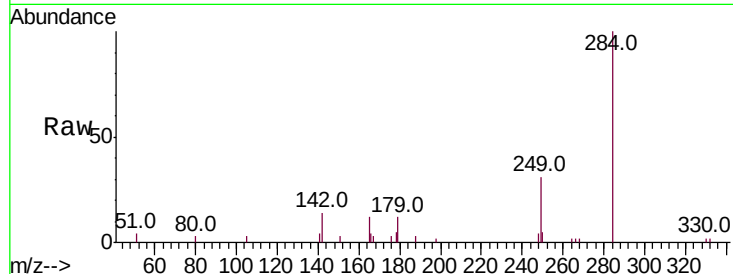
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	284	Resp:	3085
Ion Ratio	Lower	Upper	
284	100		
142	22.0	17.8	26.6
249	32.1	24.8	37.2

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM



#22

Pentachlorophenol

Concen: 0.647 ng

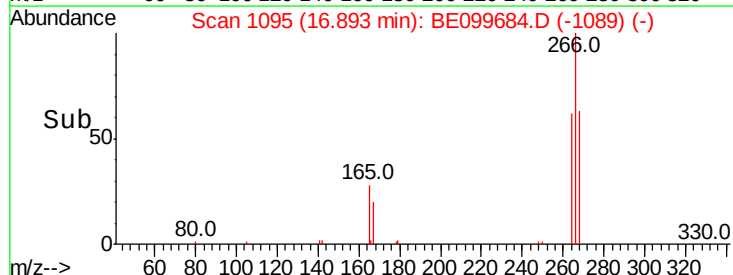
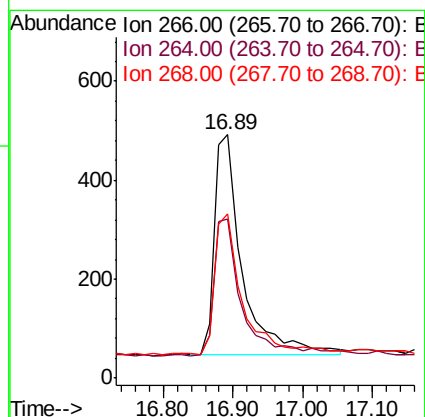
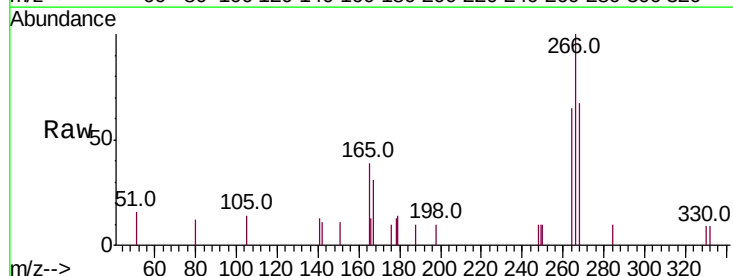
RT: 16.89 min Scan# 1095

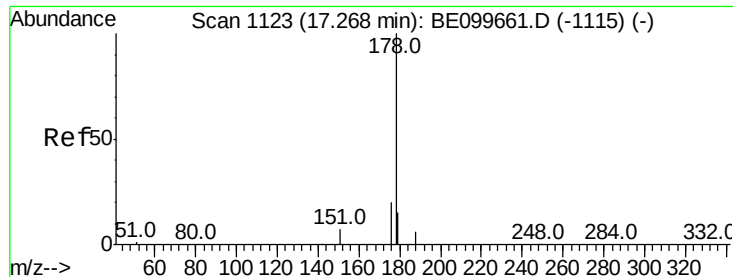
Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Tgt Ion:	266	Resp:	1251
Ion Ratio	Lower	Upper	
266	100		
264	65.4	57.2	85.8
268	67.3	60.5	90.7





#23

Phenanthrene

Concen: 0.791 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

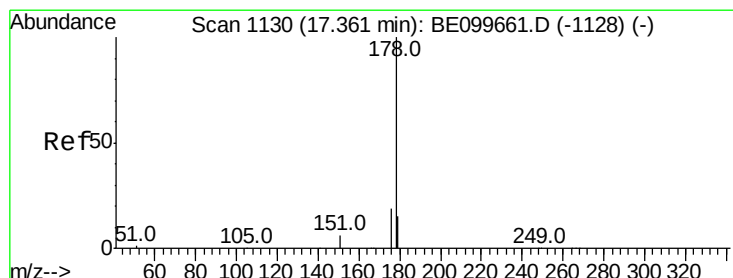
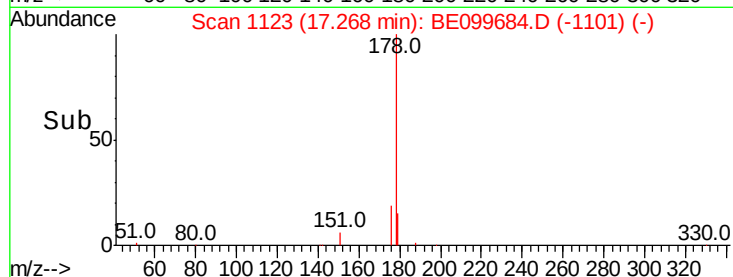
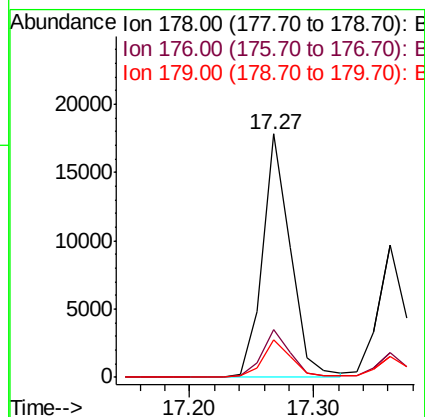
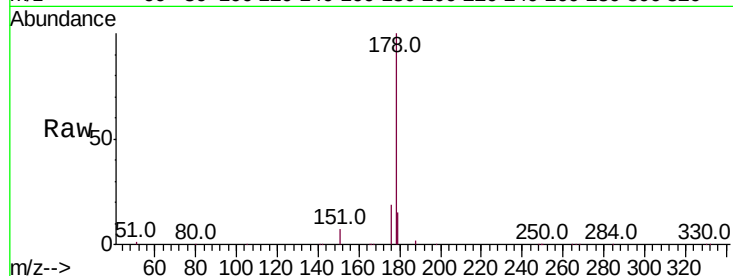
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178	Resp:	27612
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.6 23.4
179	15.3	12.2 18.4

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM



#24

Anthracene

Concen: 0.461 ng

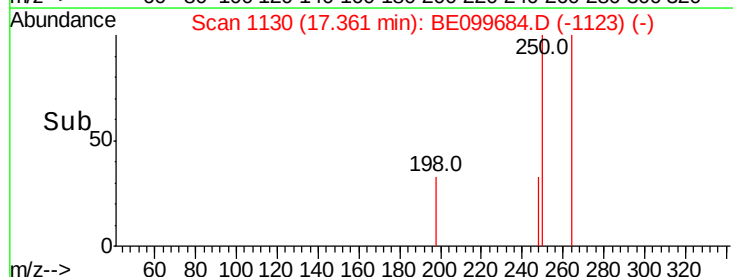
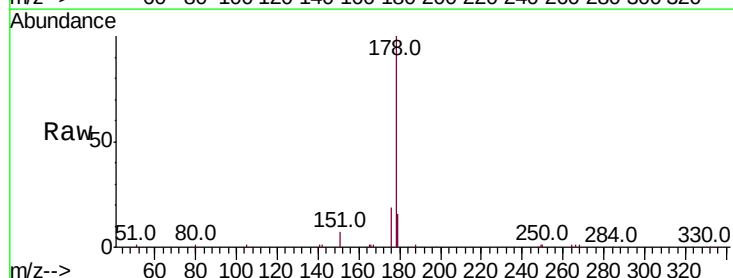
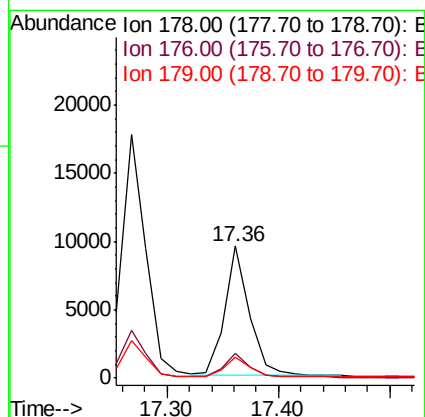
RT: 17.36 min Scan# 1130

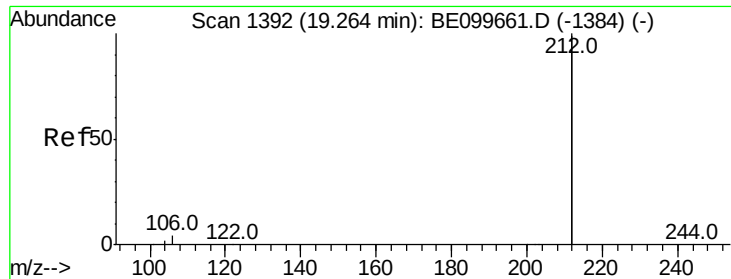
Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Tgt Ion:178	Resp:	14591
Ion Ratio	Lower	Upper
178	100	
176	19.1	14.7 22.1
179	15.6	12.0 18.0





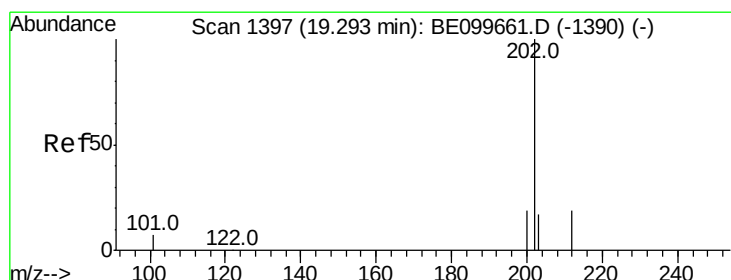
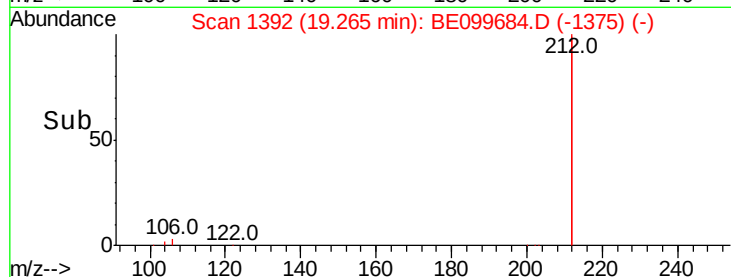
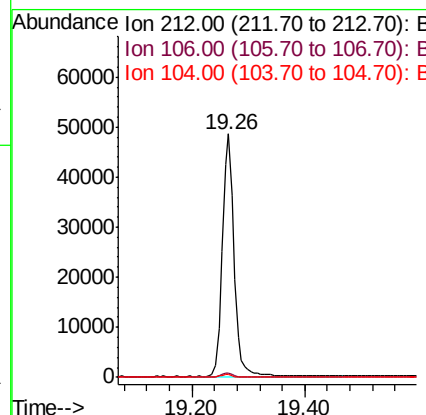
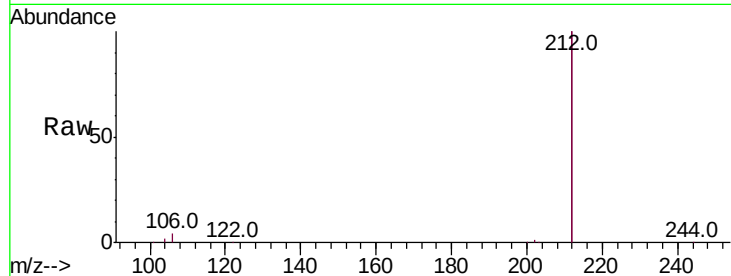
#25
 Fluoranthene-d10
 Concen: 0.360 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BE099684.D
 Acq: 21 May 2019 5:31

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.8	1.2

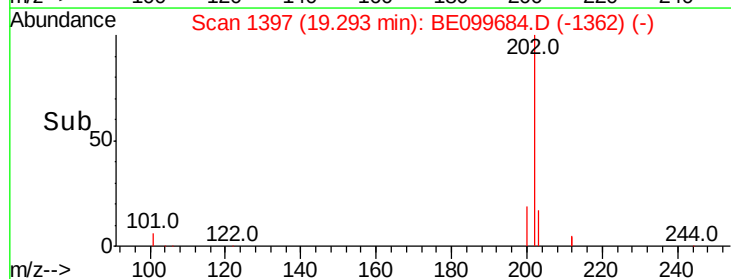
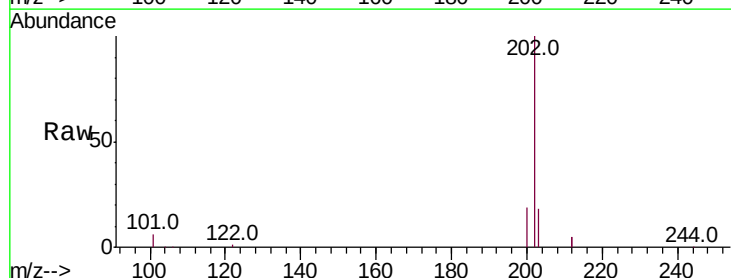
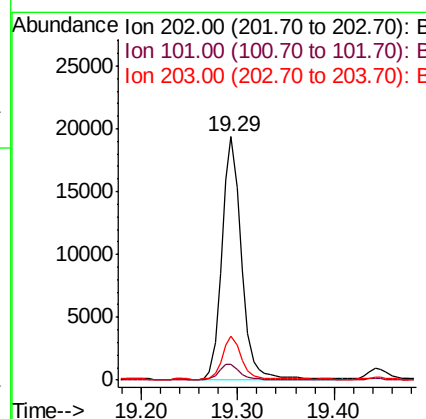
Manual Integrations
 APPROVED

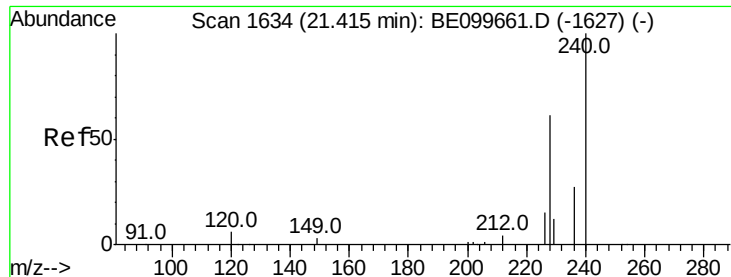
mohammad
 5/21/2019 3:26:24 PM



#26
 Fluoranthene
 Concen: 0.496 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BE099684.D
 Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.2	7.8
203	17.2	13.8	20.6





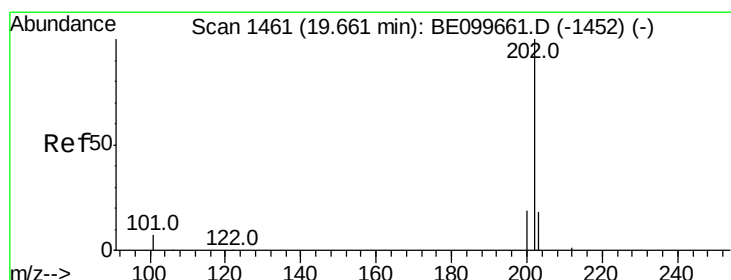
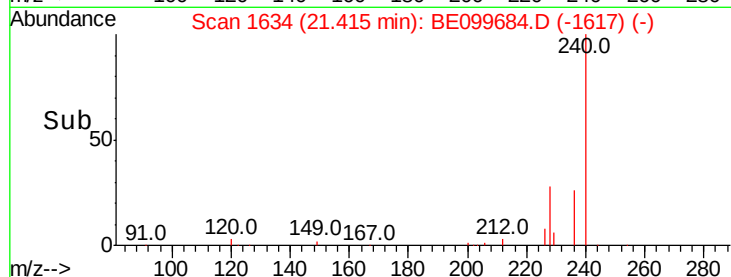
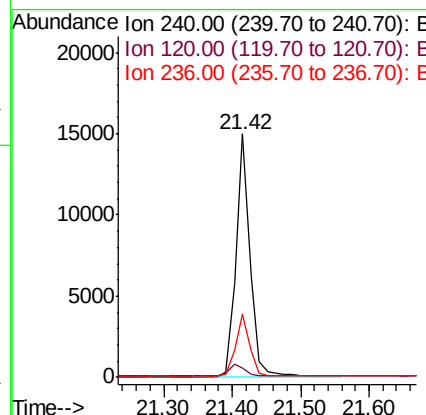
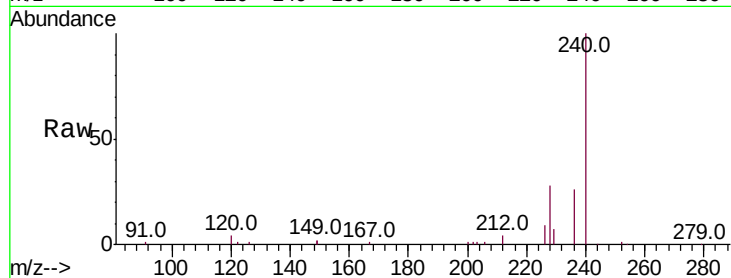
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.0	5.4	8.0#
236	26.2	21.7	32.5

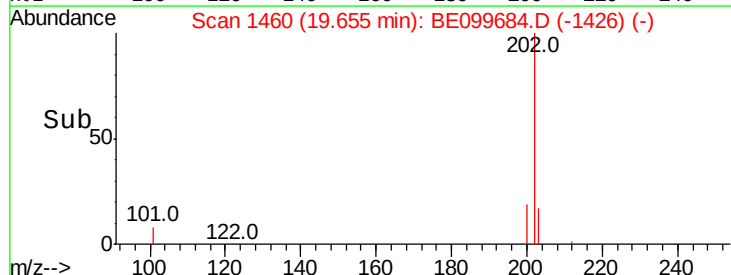
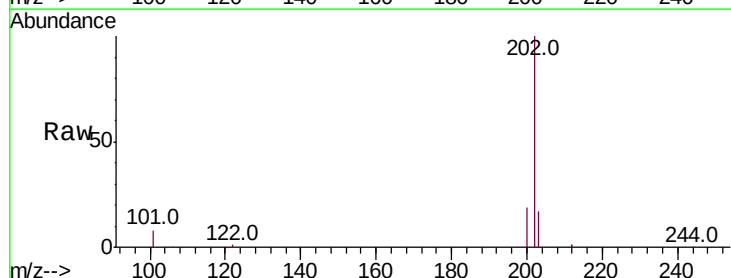
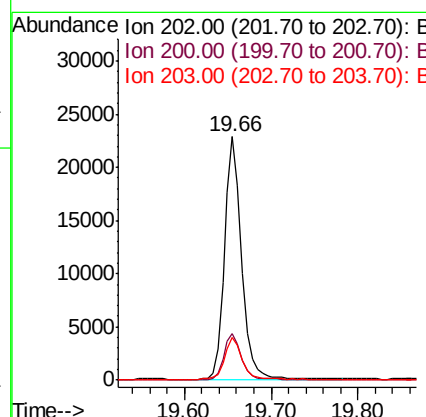
Manual Integrations
APPROVED

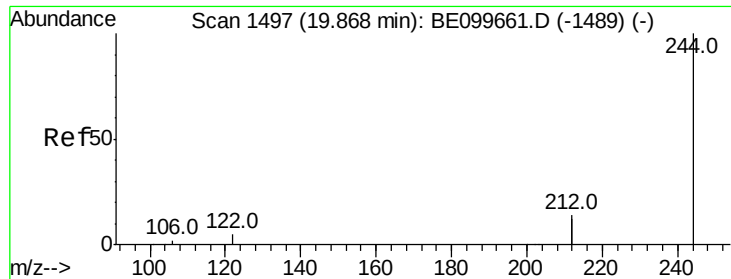
mohammad
5/21/2019 3:26:24 PM



#28
Pyrene
Concen: 0.591 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.4	23.2
203	17.6	13.8	20.8





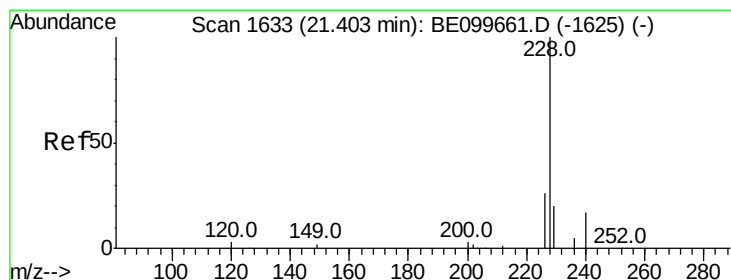
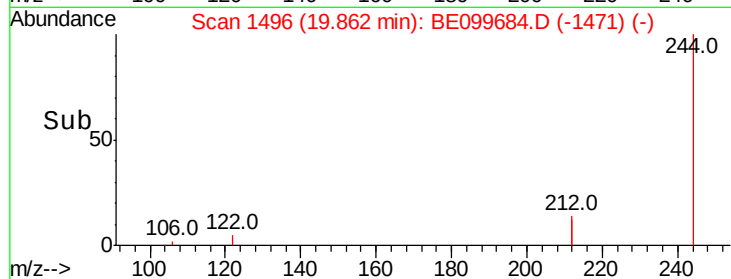
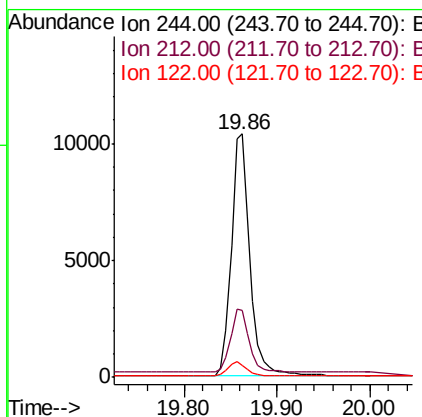
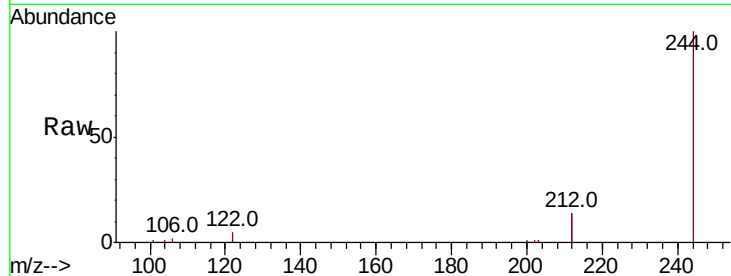
#29
 Terphenyl-d14
 Concen: 0.387 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BE099684.D
 Acq: 21 May 2019 5:31

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	27.5	22.5	33.7
122	5.1	4.3	6.5

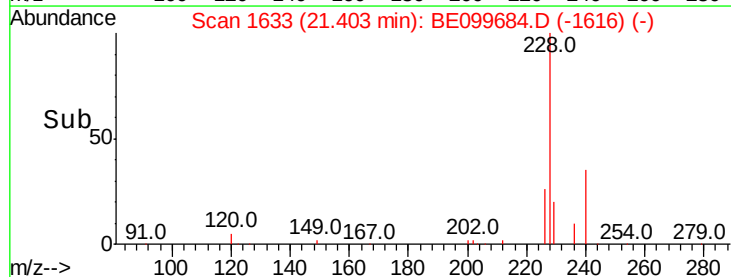
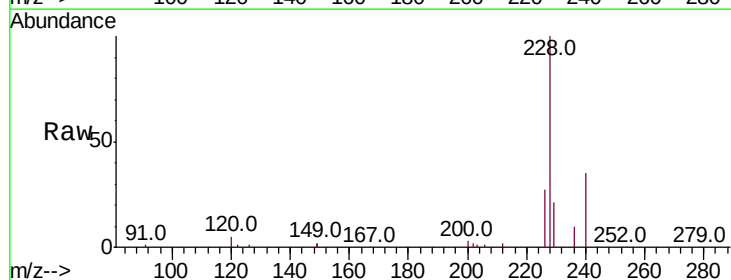
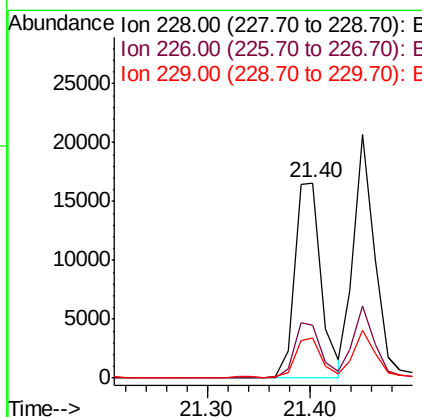
Manual Integrations
 APPROVED

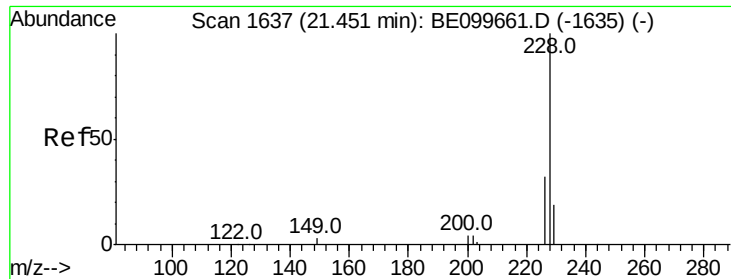
mohammad
 5/21/2019 3:26:24 PM



#30
 Benzo(a)anthracene
 Concen: 0.496 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099684.D
 Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.7	16.1	24.1





#31

Chrysene

Concen: 0.454 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

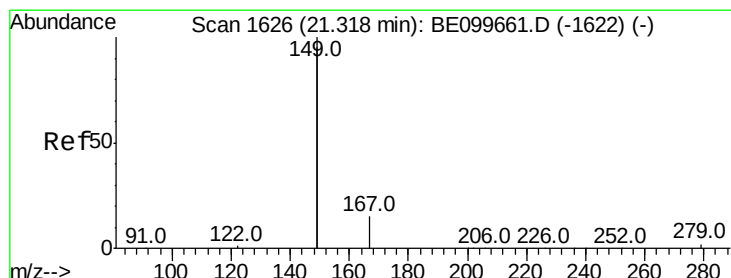
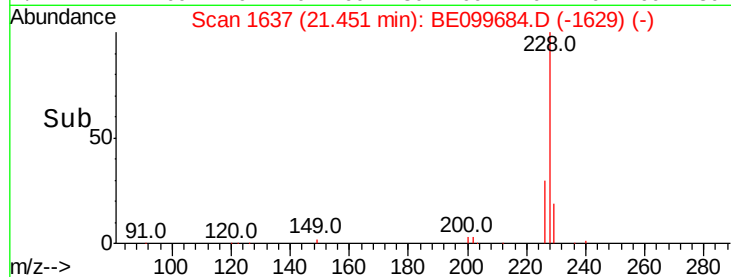
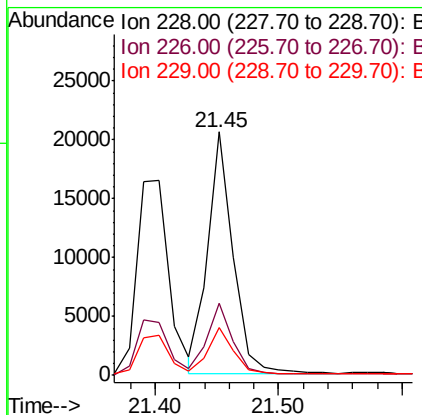
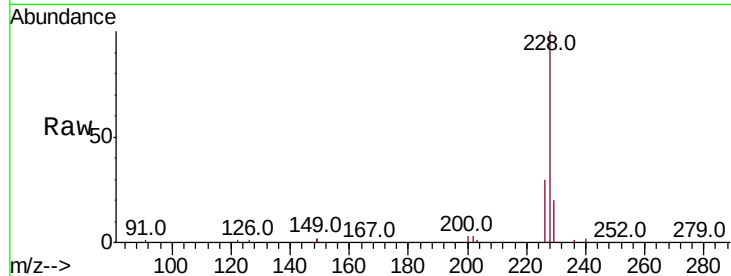
ClientSampled :

SSTDCCC0.4EC

Tot Ion:	228	Resp:	29107
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.7	37.1
229	19.8	15.8	23.6

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.583 ng

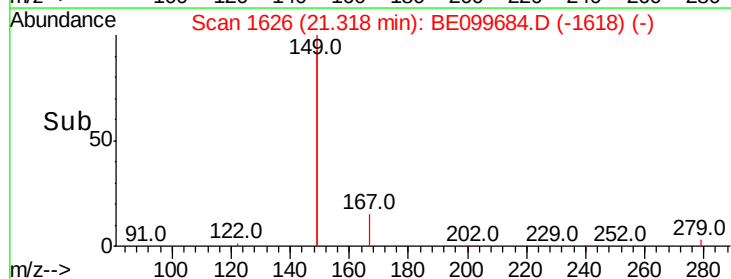
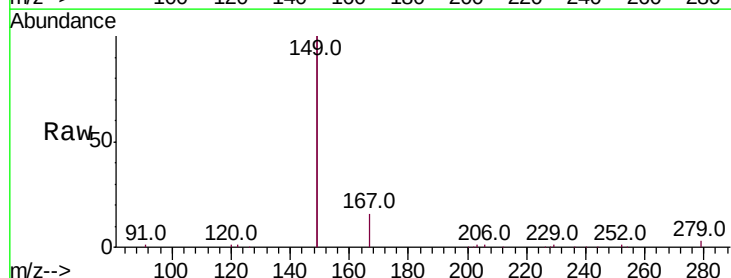
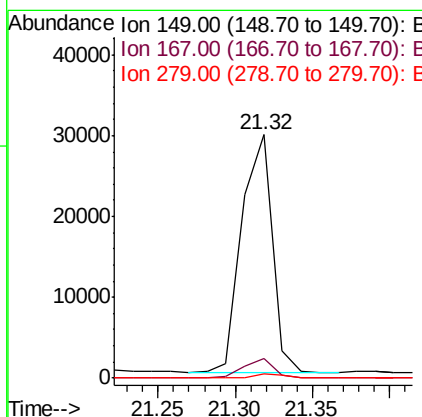
RT: 21.32 min Scan# 1626

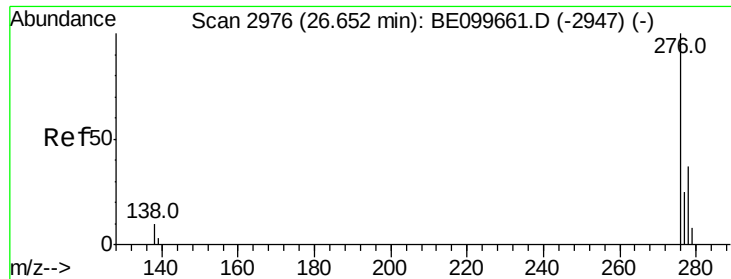
Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Tgt Ion:	149	Resp:	40236
Ion Ratio	Lower	Upper	
149	100		
167	7.5	6.2	9.4
279	1.5	1.2	1.8





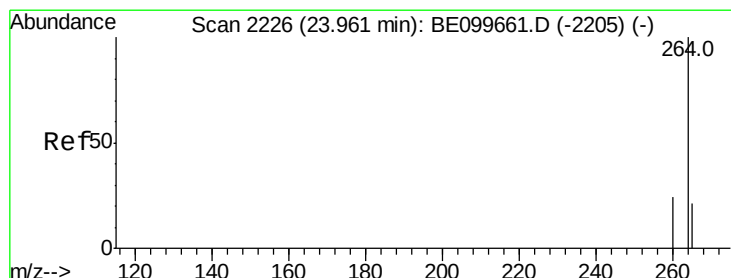
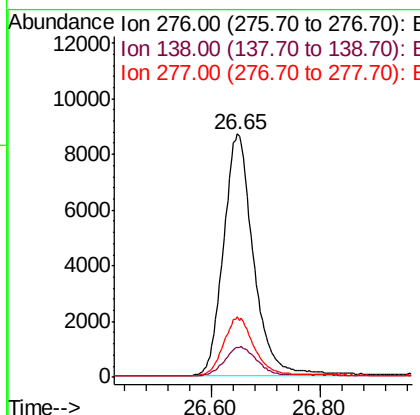
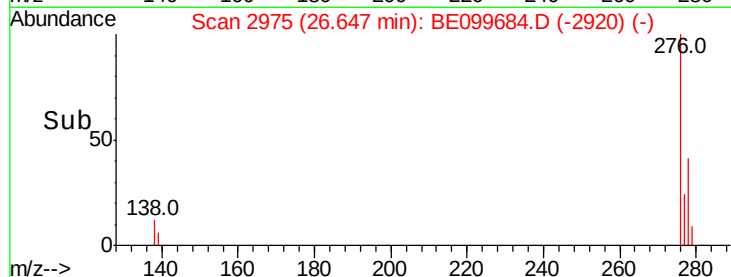
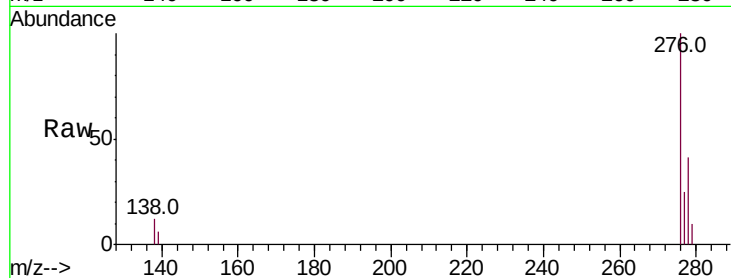
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.429 ng
 RT: 26.65 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BE099684.D
 Acq: 21 May 2019 5:31

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.6	14.4
277	24.6	19.2	28.8

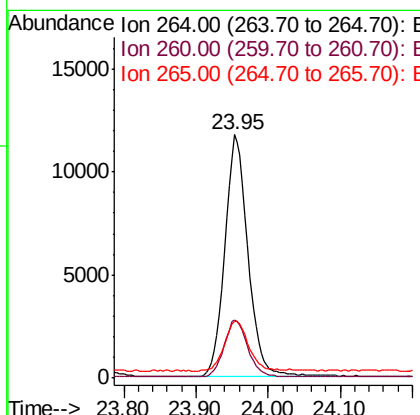
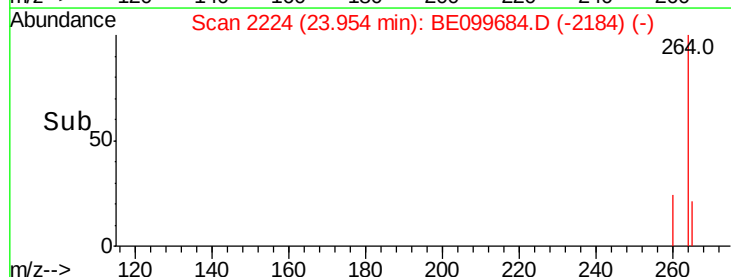
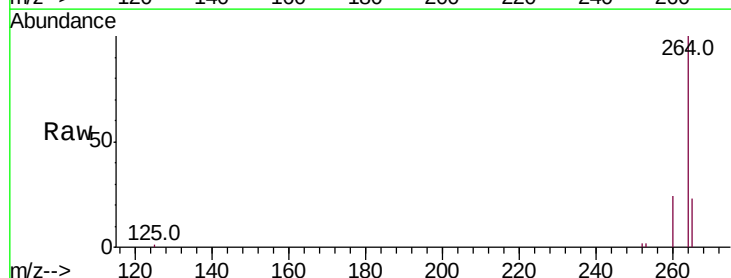
Manual Integrations
 APPROVED

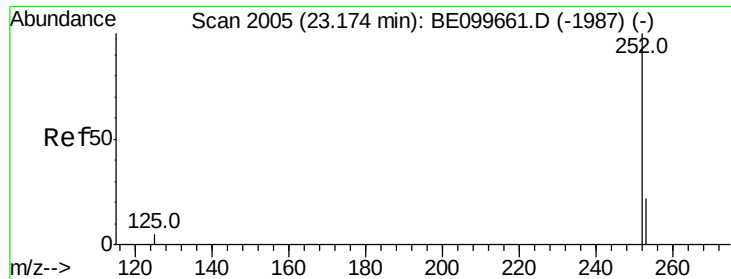
mohammad
 5/21/2019 3:26:24 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BE099684.D
 Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	23.4	19.1	28.7





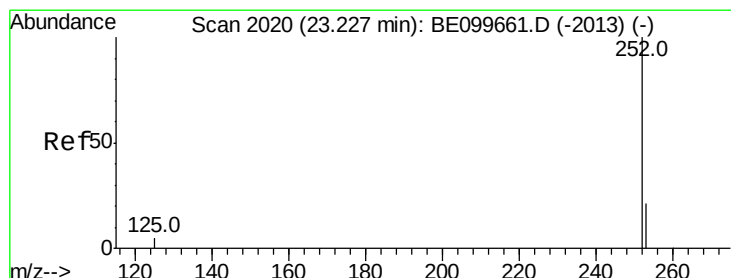
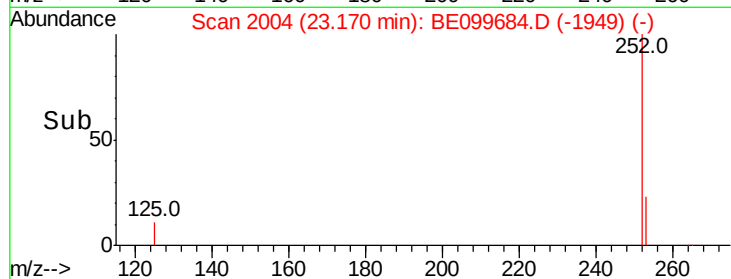
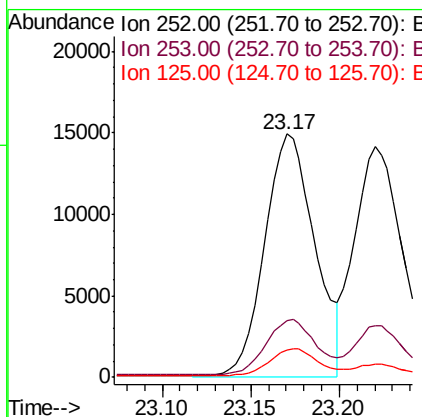
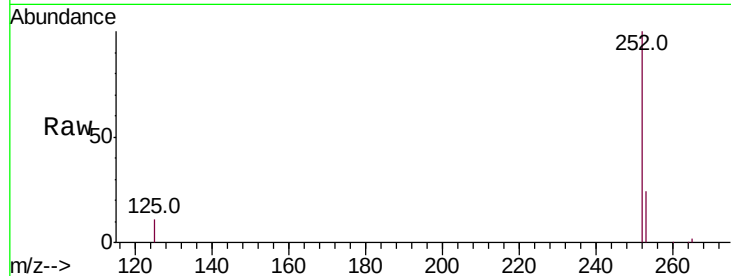
#35
Benzo(b)fluoranthene
Concen: 0.419 ng m
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	11.4	4.5	6.7

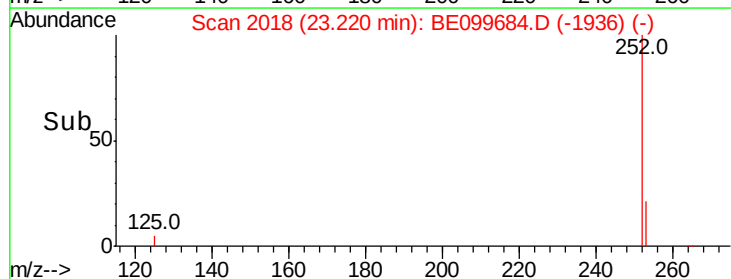
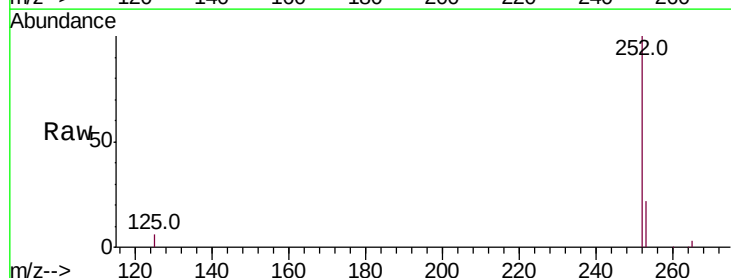
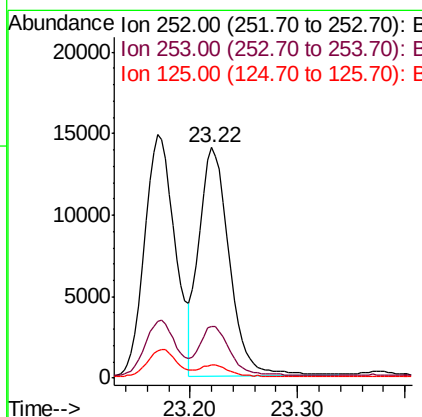
Manual Integrations
APPROVED

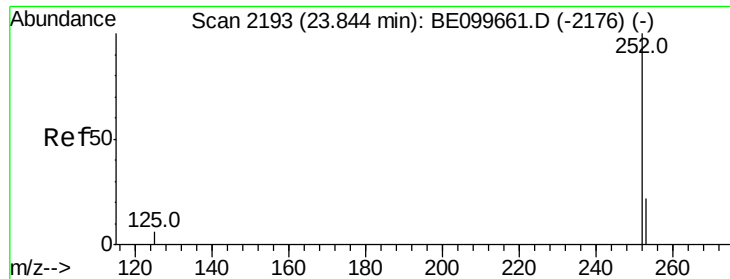
mohammad
5/21/2019 3:26:24 PM



#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.22 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	5.8	4.6	6.8





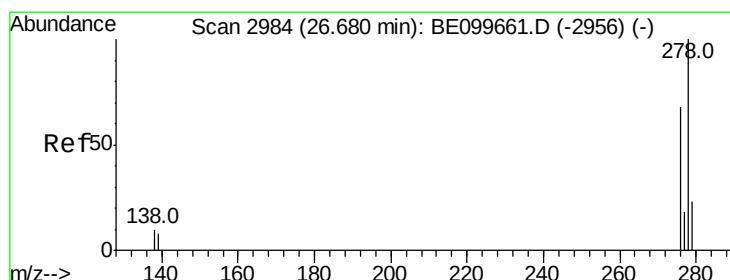
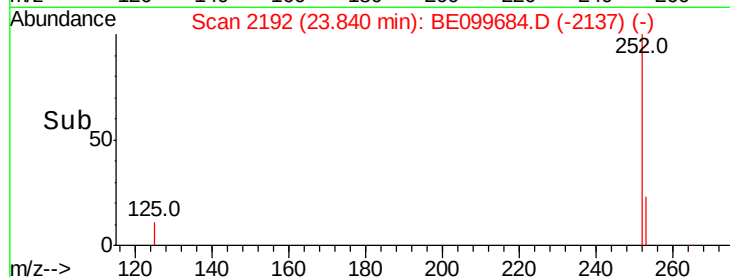
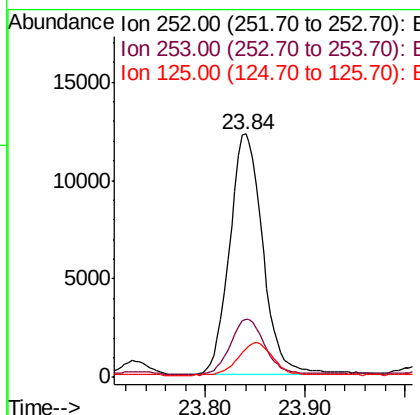
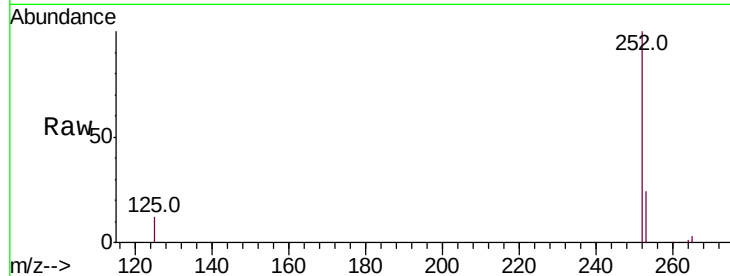
#37
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	11.6	5.4	8.0

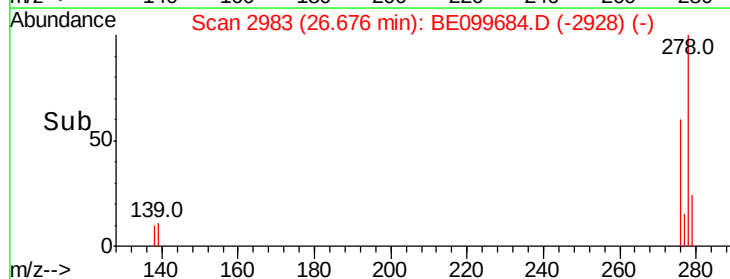
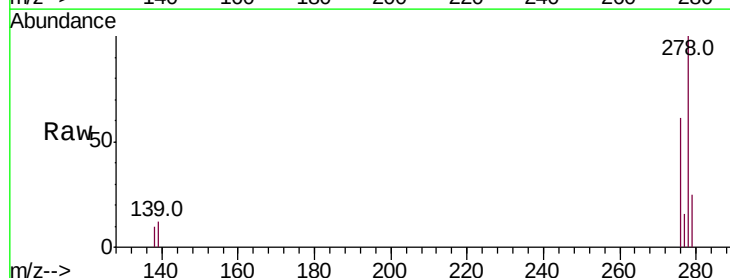
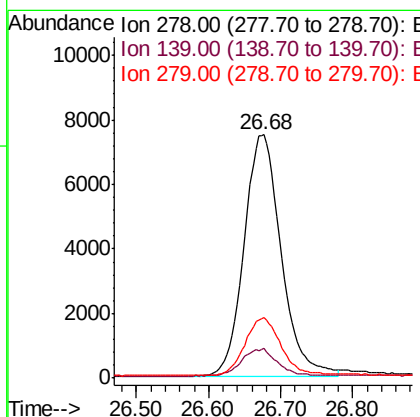
Manual Integrations
APPROVED

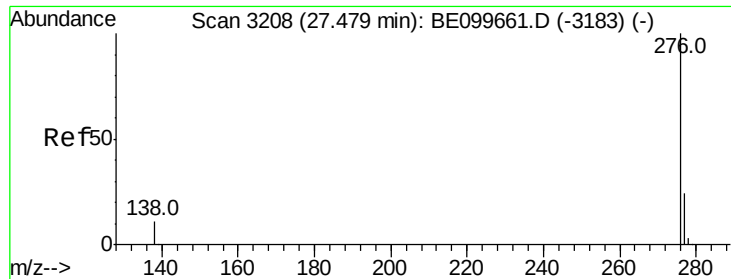
mohammad
5/21/2019 3:26:24 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.365 ng
RT: 26.68 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	6.9	10.3
279	24.8	19.2	28.8





#39

Benzo(a,h,i)perylene

Concen: 0.370 ng

RT: 27.47 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

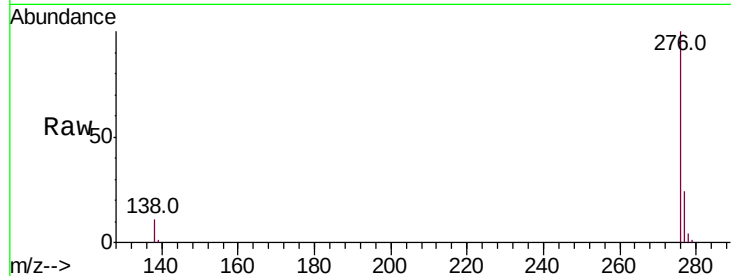
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	276	Resp:	26873
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.8	29.6
138	11.2	9.2	13.8

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:24 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

