

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051619\
 Data File : BE099639.D
 Acq On : 17 May 2019 1:39
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Manual Integrations
 APPROVED

mohammad
 5/17/2019 2:25:38 PM

Quant Time: May 17 07:27:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1975	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	7158	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	5178	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	15964	0.40	ng	0.00
27) Chrysene-d12	21.42	240	20632	0.40	ng	0.00
34) Perylene-d12	23.96	264	23444	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1996	0.36	ng	0.00
5) Phenol-d6	6.98	99	2701	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	2393	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4480	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1196	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	7112	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	76023	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	15241	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	1024	0.352	ng	91
3) n-Nitrosodimethylamine	3.64	42	651m	0.351	ng	
6) bis(2-Chloroethyl)ether	7.24	93	2269	0.380	ng	99
9) Naphthalene	10.67	128	28412	0.373	ng	99
10) Hexachlorobutadiene	10.94	225	2050	0.368	ng	99
12) 2-Methylnaphthalene	12.29	142	4607	0.366	ng	99
16) Acenaphthylene	14.21	152	8782	0.359	ng	99
17) Acenaphthene	14.54	154	5065	0.367	ng	98
18) Fluorene	15.53	166	7298	0.369	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	3214	0.349	ng	98
21) Hexachlorobenzene	16.53	284	3358	0.371	ng	98
22) Pentachlorophenol	16.89	266	1226	0.508	ng	95
23) Phenanthrene	17.27	178	14311	0.361	ng	100
24) Anthracene	17.36	178	12626	0.345	ng	99
26) Fluoranthene	19.29	202	21790	0.363	ng	99
28) Pyrene	19.66	202	22781	0.433	ng	99
30) Benzo(a)anthracene	21.40	228	24380	0.391	ng	100
31) Chrysene	21.45	228	25891	0.403	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	35757	0.372	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	29068	0.364	ng	99
35) Benzo(b)fluoranthene	23.17	252	24241	0.370	ng	99
36) Benzo(k)fluoranthene	23.23	252	23890	0.369	ng	100
37) Benzo(a)pyrene	23.84	252	23101	0.364	ng	98
38) Dibenzo(a,h)anthracene	26.68	278	23374	0.355	ng	99
39) Benzo(g,h,i)perylene	27.48	276	23727	0.358	ng	99

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

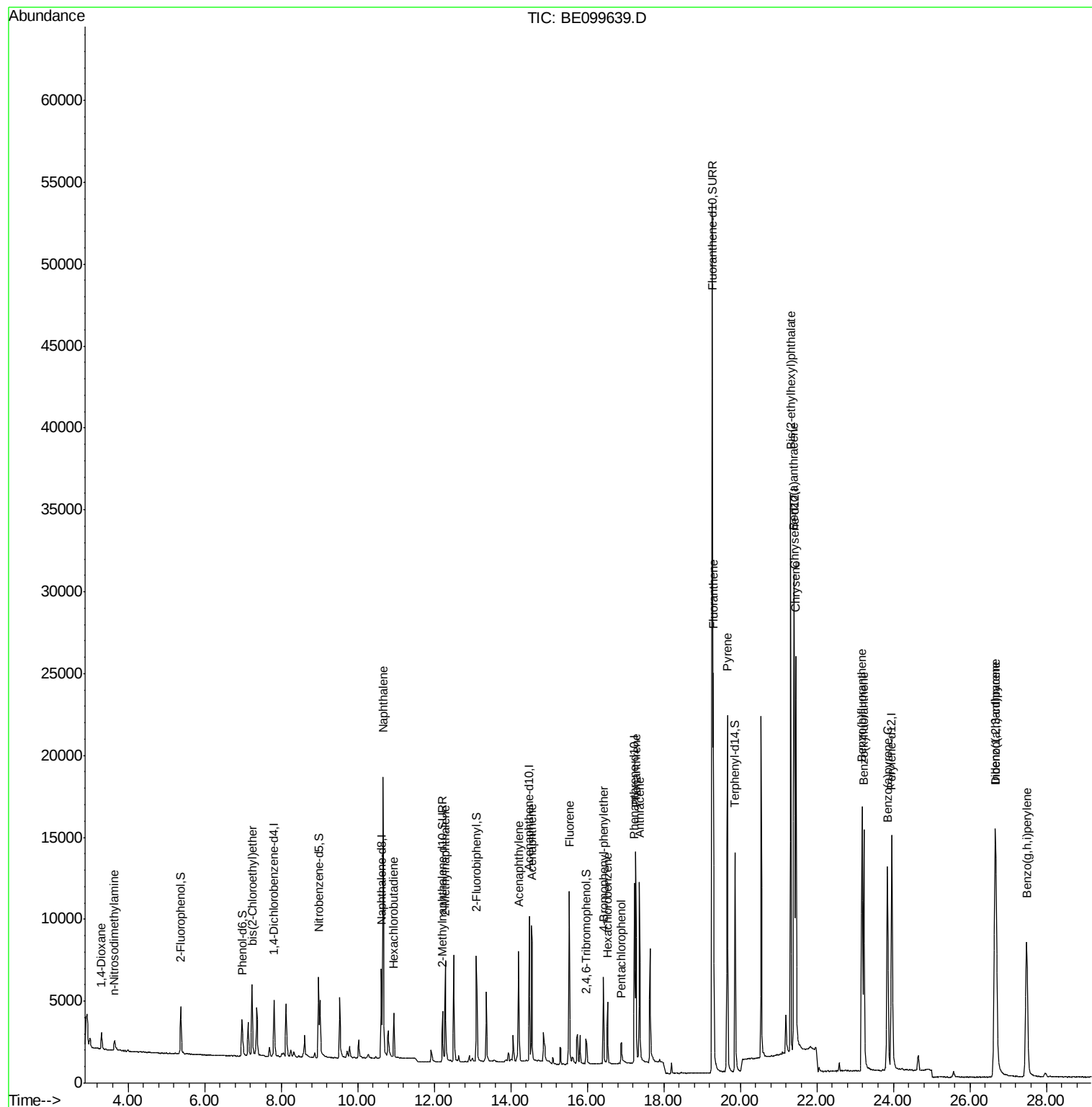
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051619\
Data File : BE099639.D
Acq On : 17 May 2019 1:39
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 PM

Quant Time: May 17 07:27:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration





#1

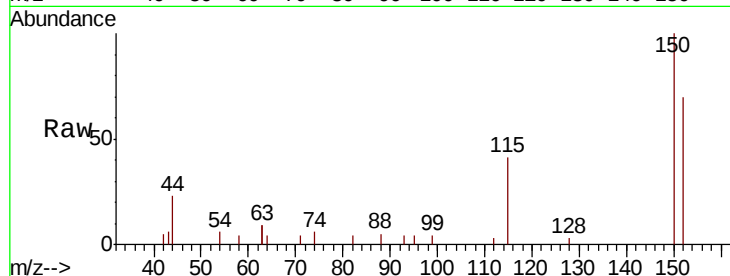
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.4	110.1	165.1
115	58.3	46.2	69.4

Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 PM

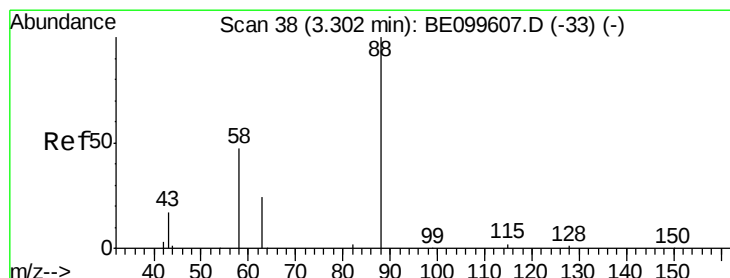
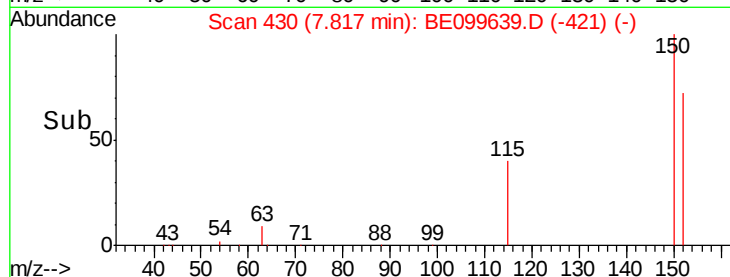
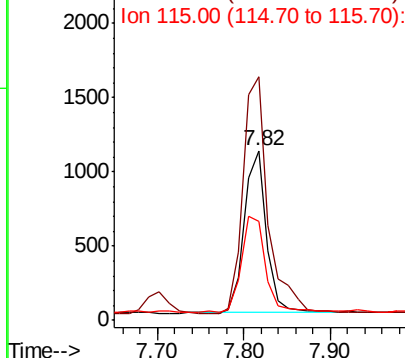


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

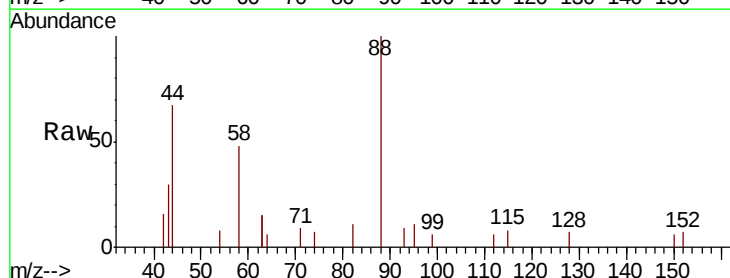
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.352 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.4	39.8	59.6
43	25.9	21.0	31.6

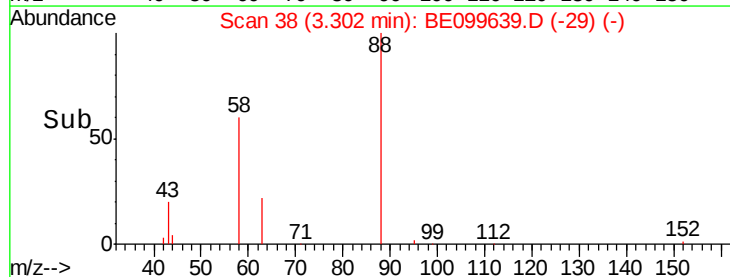
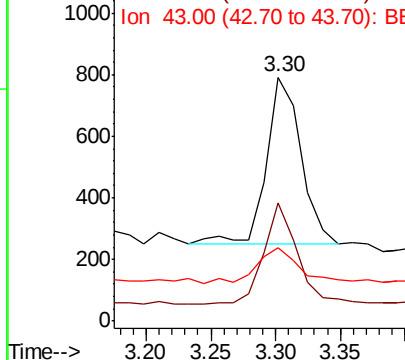


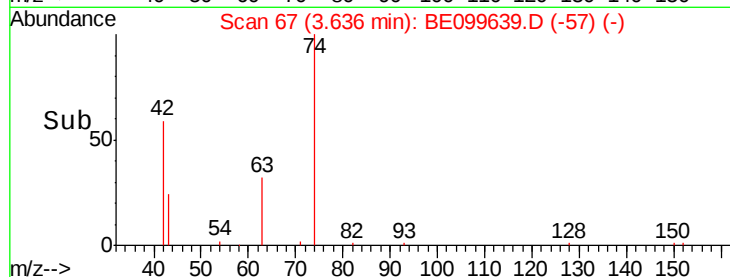
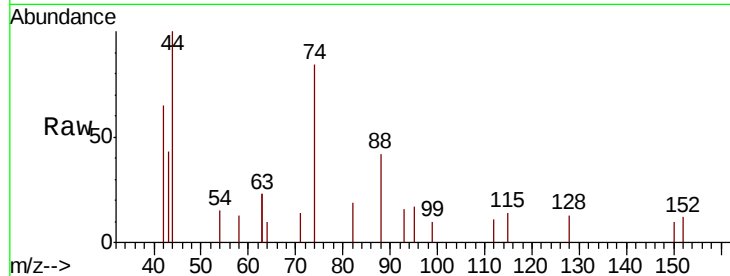
Abundance

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





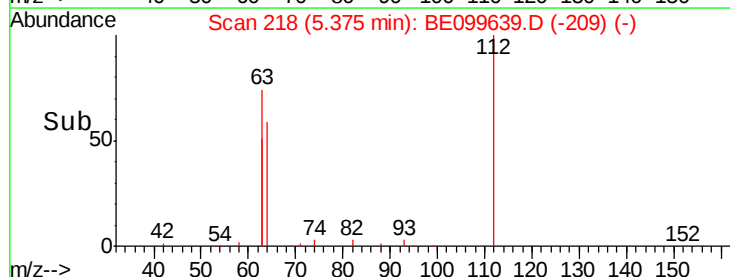
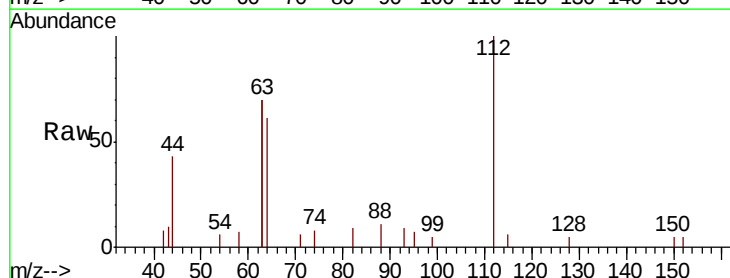
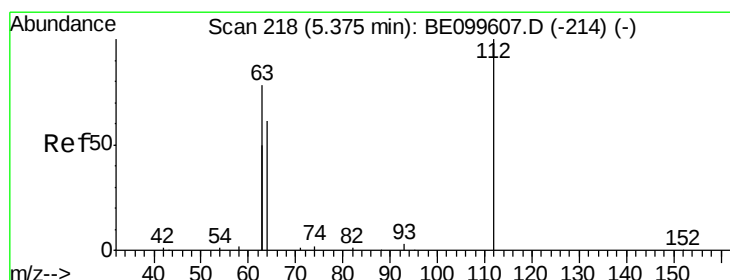
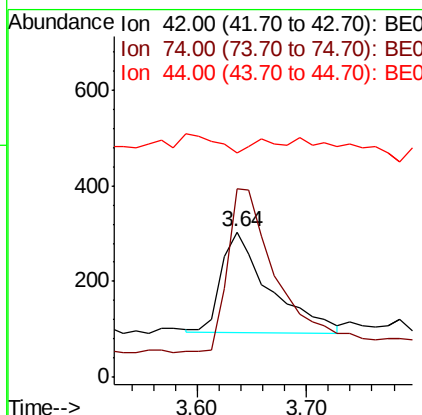
#3
n-Nitrosodimethylamine
Concen: 0.351 ng/ml
RT: 3.64 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tot Ion	Ratio	Lower	Upper
42	100		
74	141.8	134.7	202.1
44	0.0	12.5	18.7

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

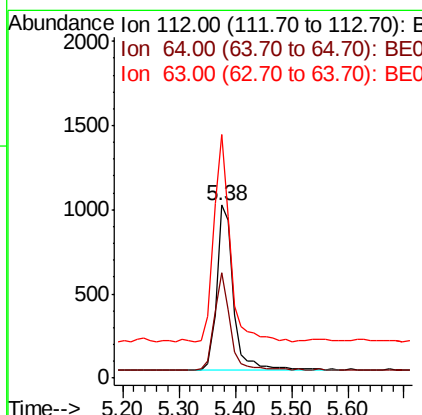
Manual Integrations
APPROVED

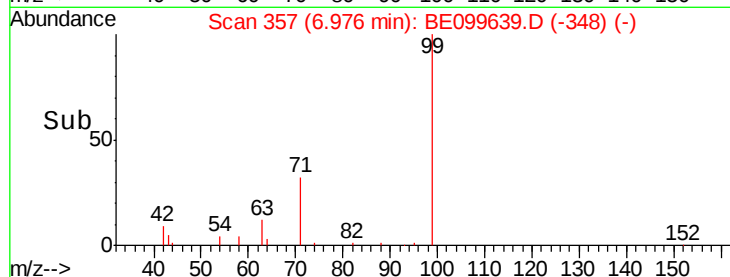
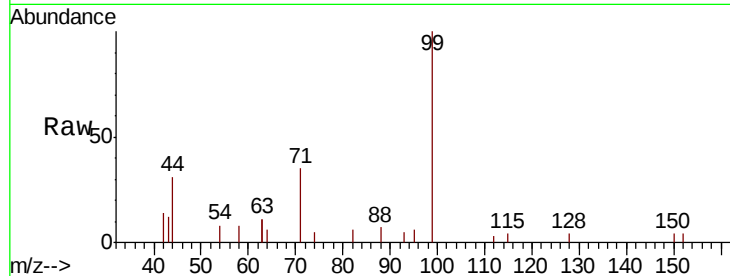
mohammad
5/17/2019 2:25:38 PM



#4
2-Fluorophenol
Concen: 0.356 ng/ml
RT: 5.38 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.7	65.5
63	119.7	94.0	141.0





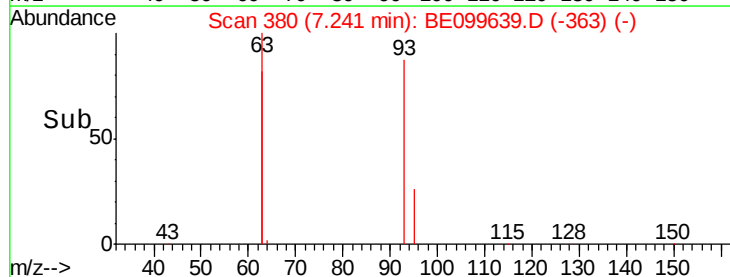
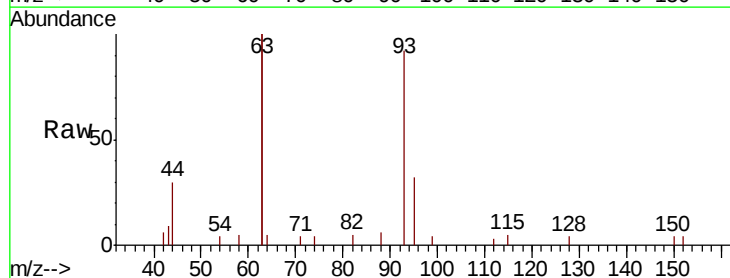
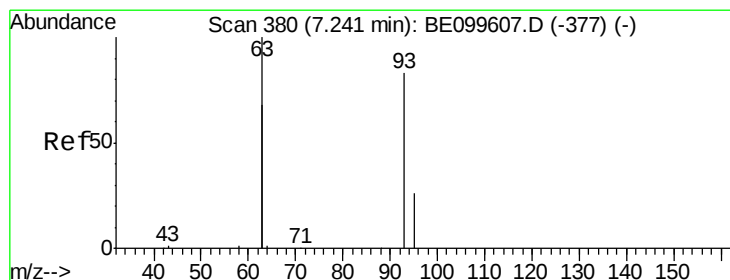
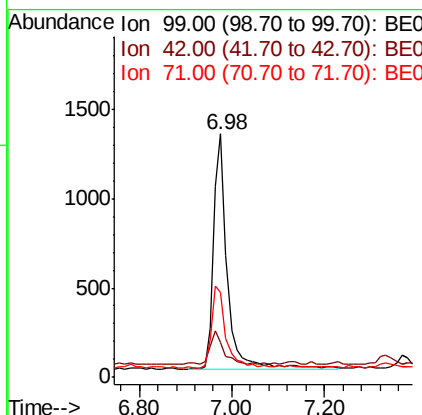
#5
Phenol-d6
Concen: 0.380 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tot Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.3	21.5
71	36.8	33.1	49.7

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

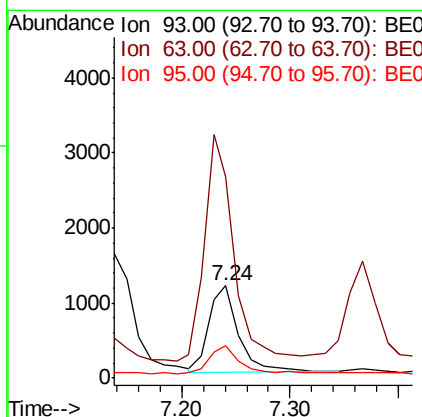
Manual Integrations
APPROVED

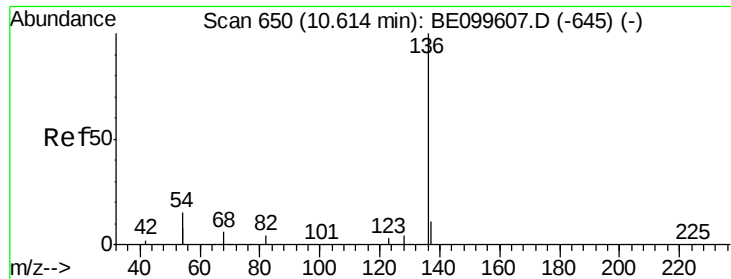
mohammad
5/17/2019 2:25:38 PM



#6
bis(2-Chloroethyl)ether
Concen: 0.380 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
93	100		
63	249.4	201.0	301.4
95	31.2	25.0	37.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

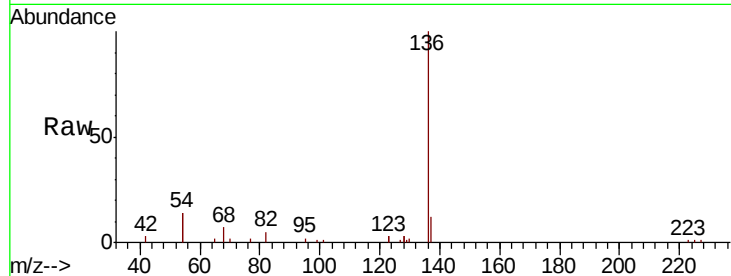
ClientSampleId :

SSTDCCC0.4EC

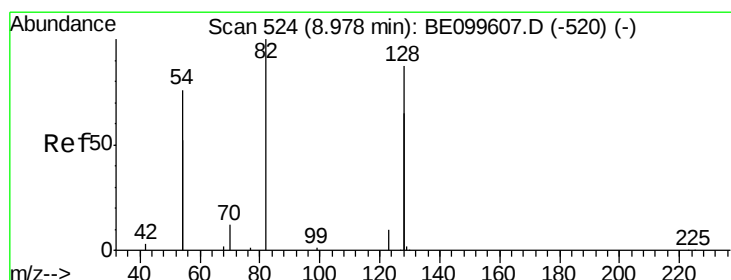
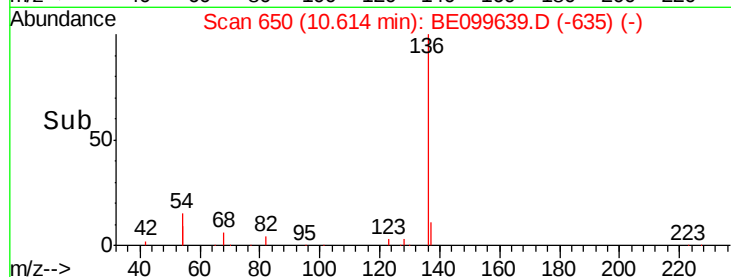
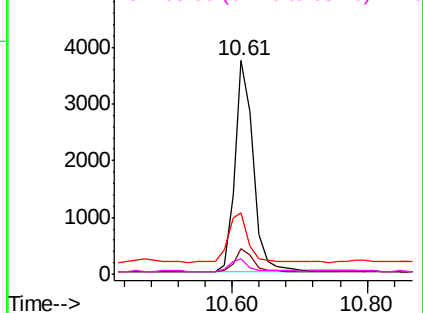
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	28.9	23.8	35.8
68	7.4	6.2	9.2

Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 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): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.345 ng

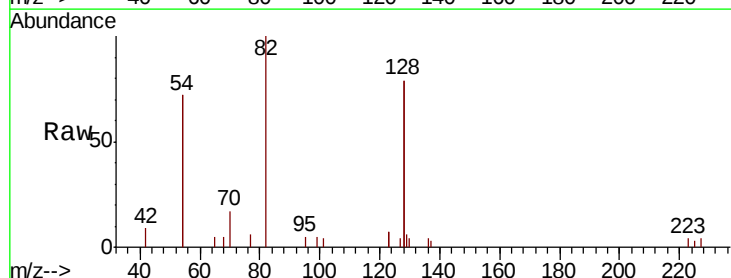
RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

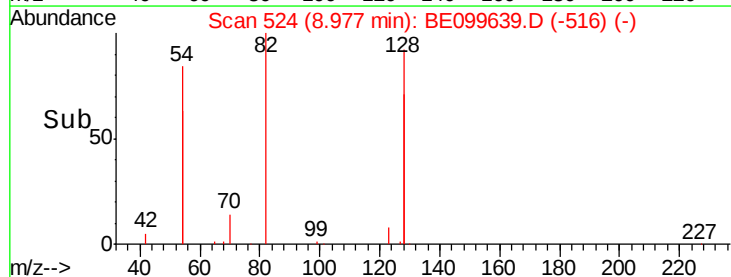
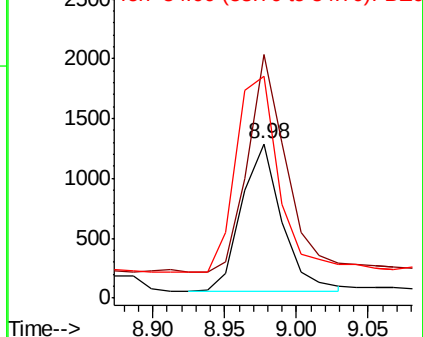
Lab File: BE099639.D

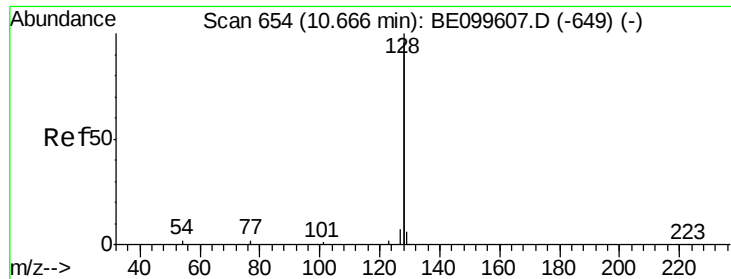
Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
82	100		
128	157.7	131.4	197.2
54	143.7	113.9	170.9



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: 0.373 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

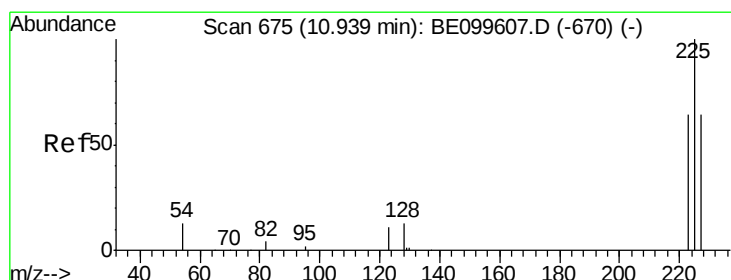
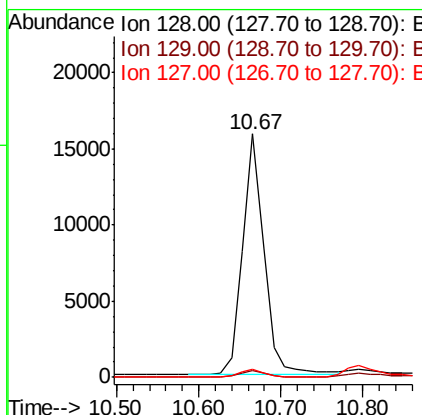
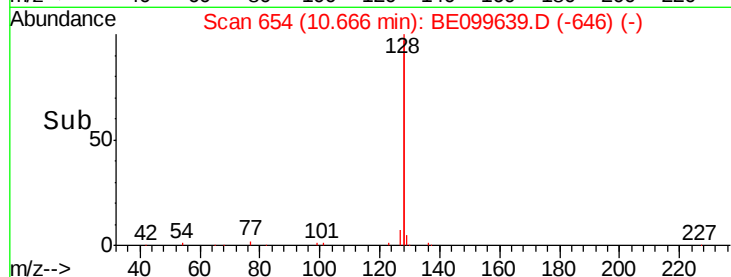
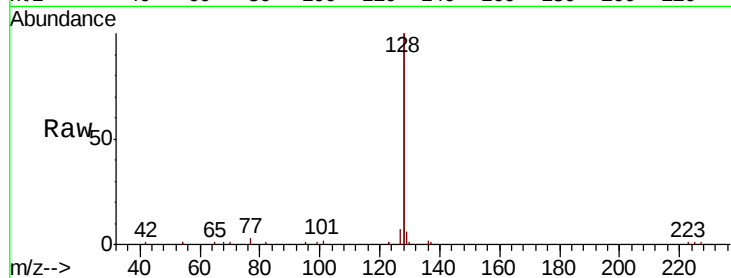
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	128	Resp:	28412
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.6	4.0
127	3.6	3.0	4.6

Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 PM



#10

Hexachlorobutadiene

Concen: 0.368 ng

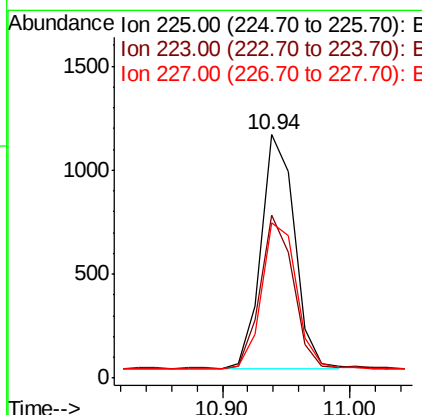
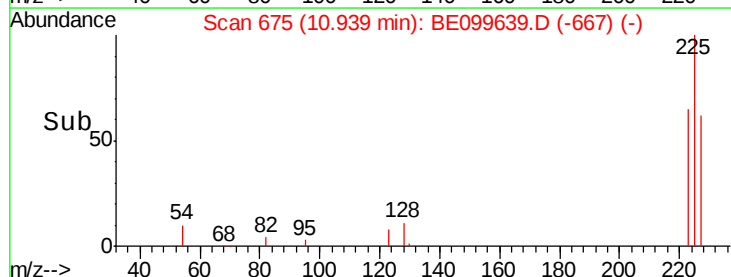
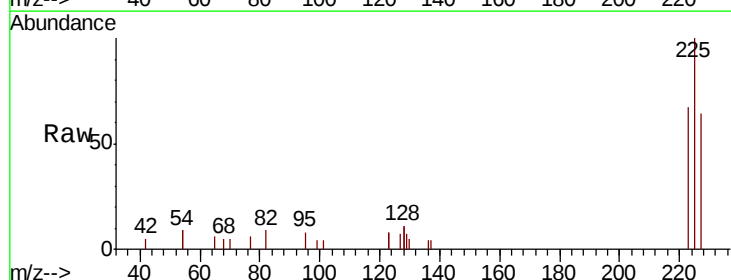
RT: 10.94 min Scan# 675

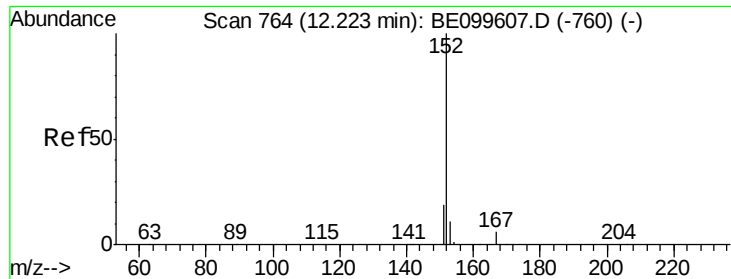
Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Tgt Ion:	225	Resp:	2050
Ion Ratio	Lower	Upper	
225	100		
223	63.0	49.8	74.8
227	65.1	51.2	76.8





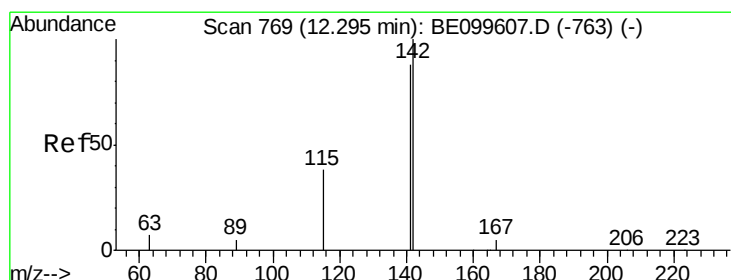
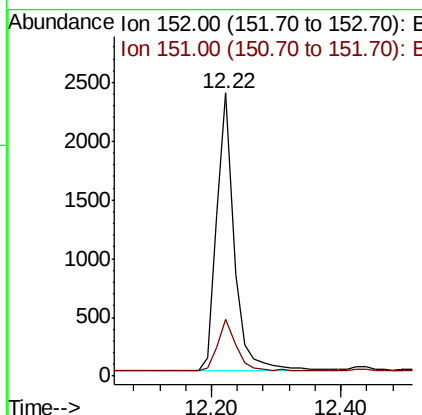
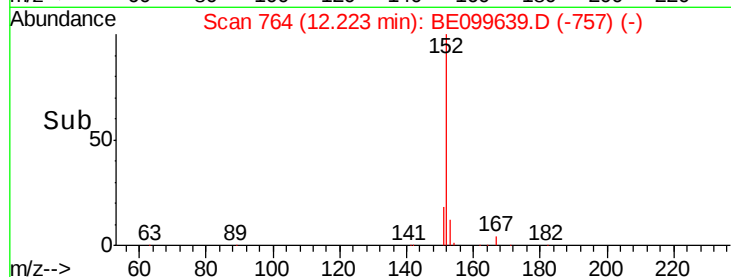
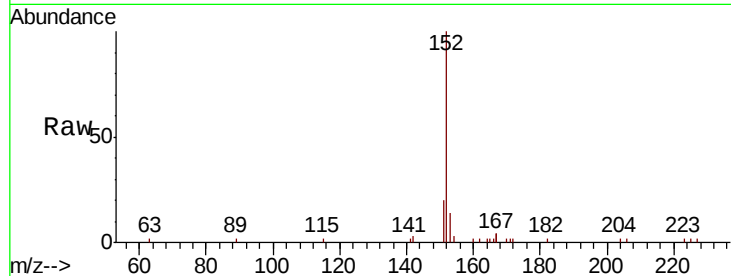
#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

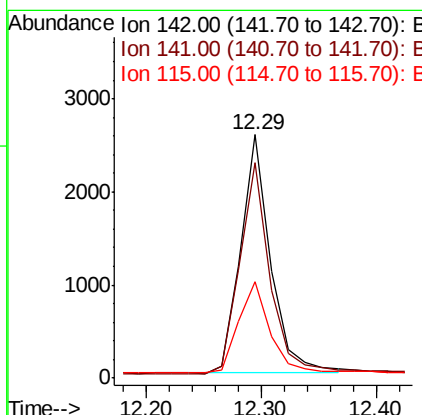
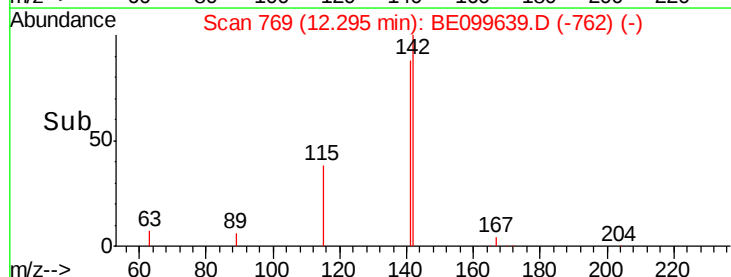
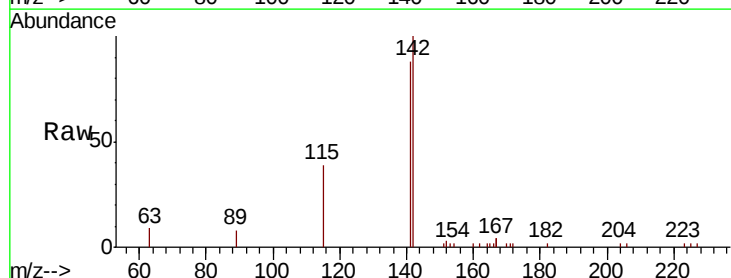
Manual Integrations
APPROVED

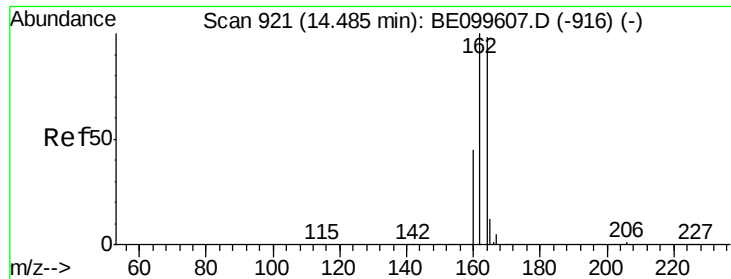
mohammad
5/17/2019 2:25:38 PM



#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	39.5	32.2	48.4





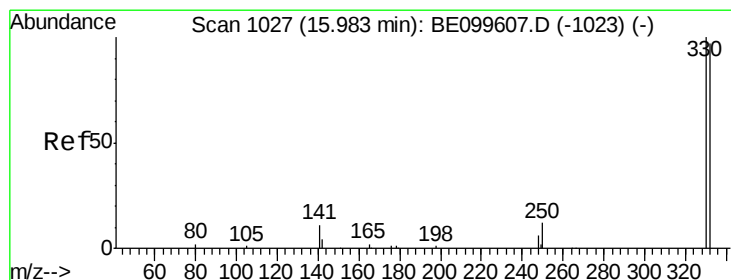
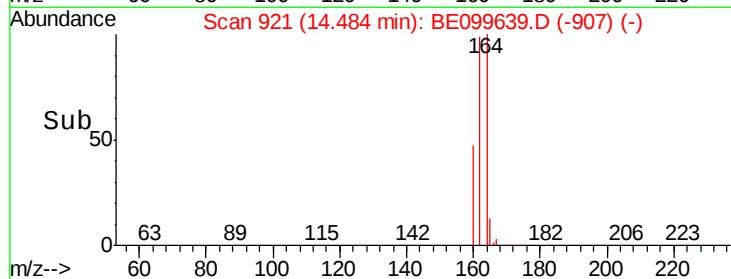
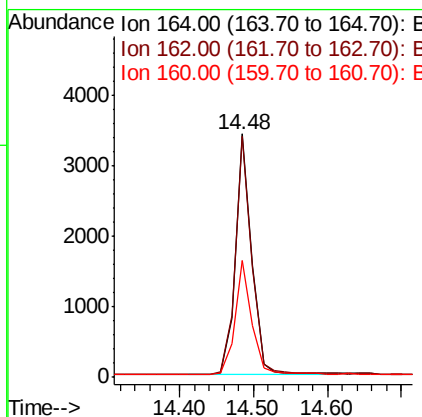
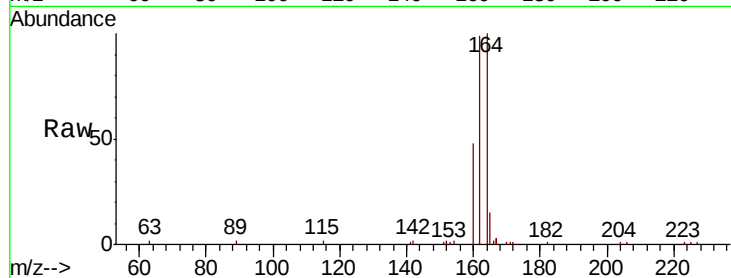
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 5178
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 47.9 37.4 56.2

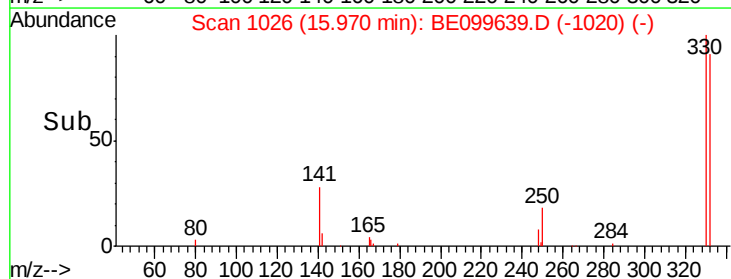
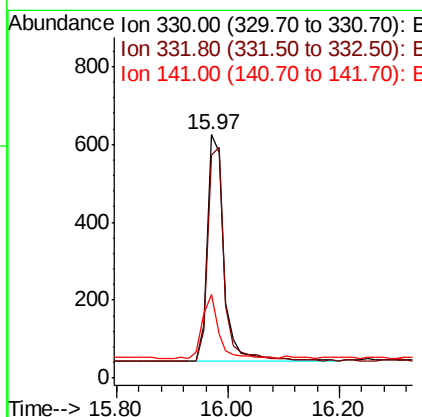
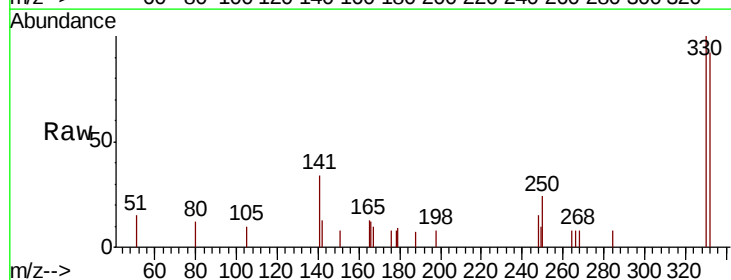
Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 PM



#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion:330 Resp: 1196
Ion Ratio Lower Upper
330 100
332 96.1 73.8 110.8
141 27.4 21.0 31.6





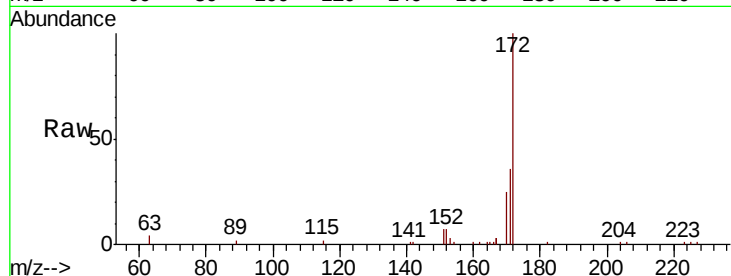
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.9	21.5	32.3

Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 PM

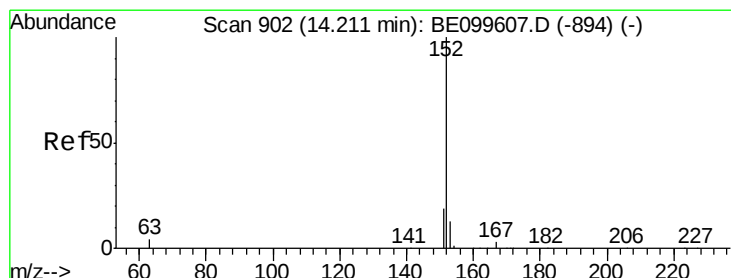
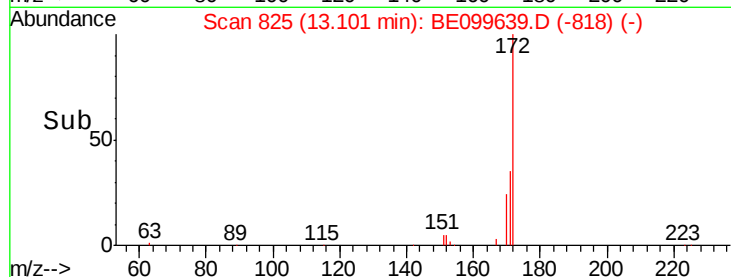
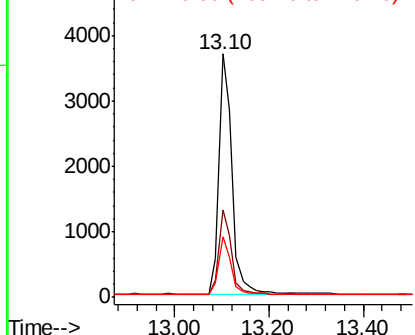


Abundance

Ion 172.00 (171.70 to 172.70): E

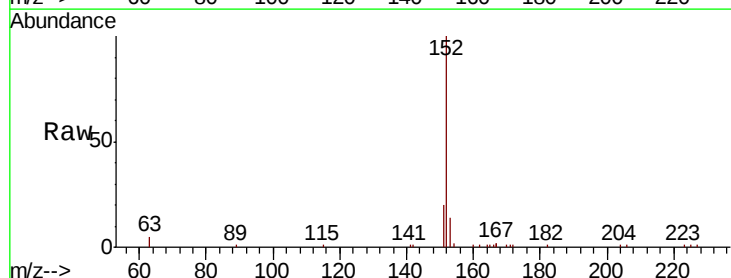
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.3	10.4	15.6

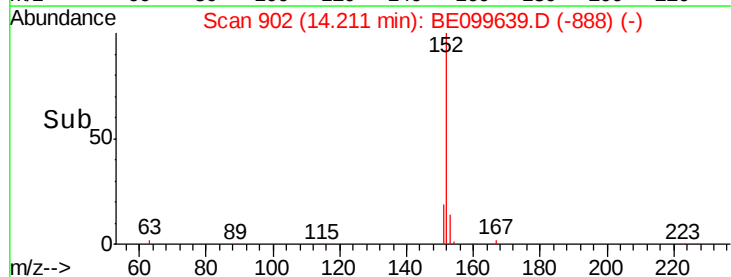
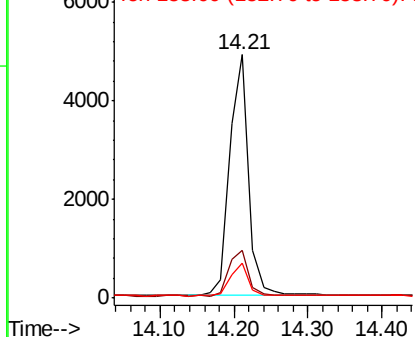


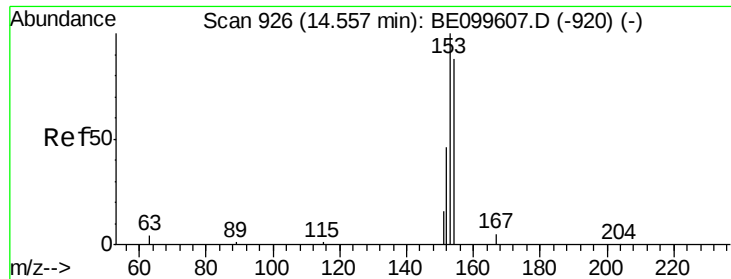
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.367 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

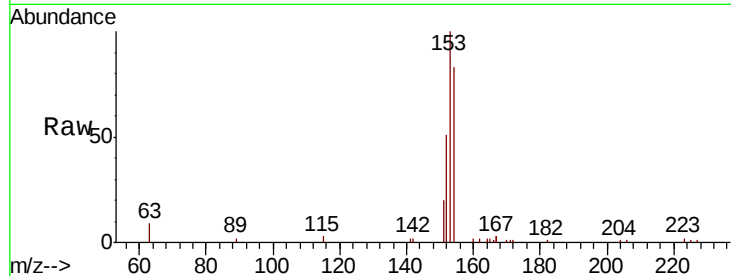
ClientSampleId :

SSTDCCC0.4EC

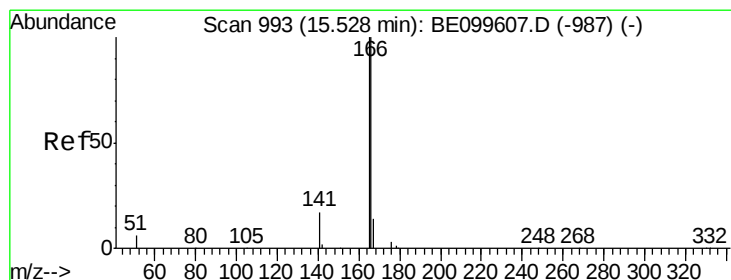
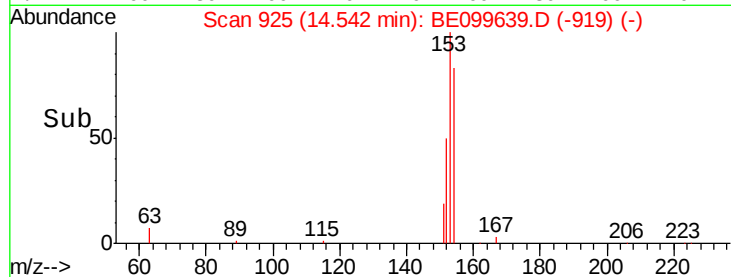
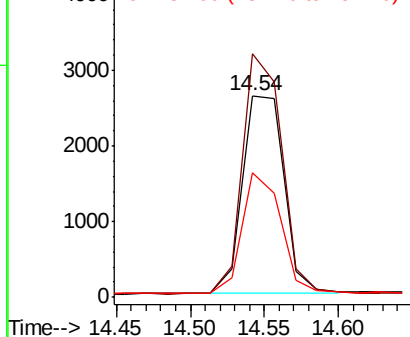
Tot Ion:	154	Resp:	5065
Ion Ratio	Lower	Upper	
154	100		
153	115.5	94.1	141.1
152	57.1	46.5	69.7

Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 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: 0.369 ng

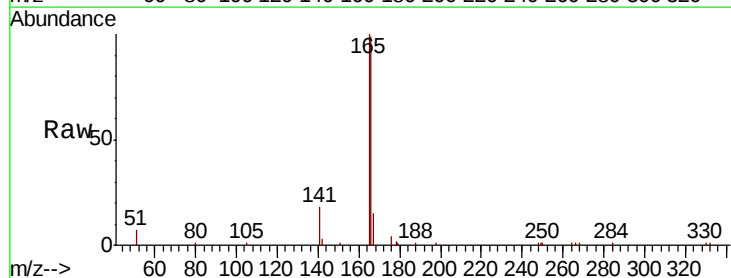
RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

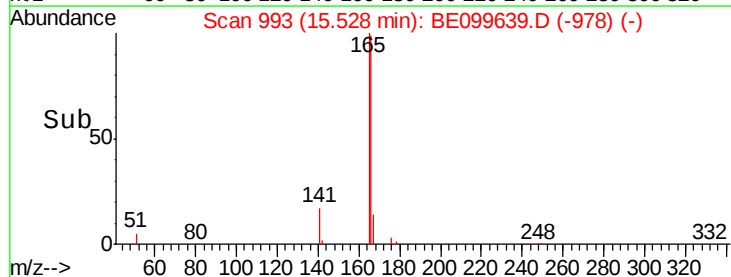
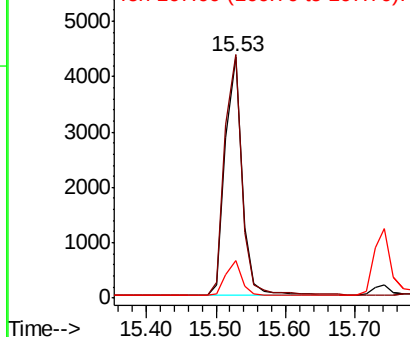
Lab File: BE099639.D

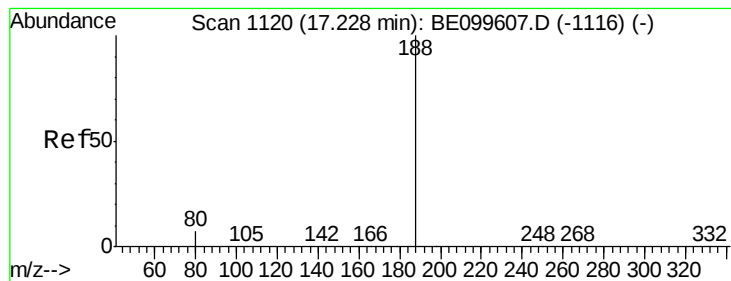
Acq: 17 May 2019 1:39

Tgt Ion:	166	Resp:	7298
Ion Ratio	Lower	Upper	
166	100		
165	102.6	79.8	119.8
167	13.8	11.2	16.8



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: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

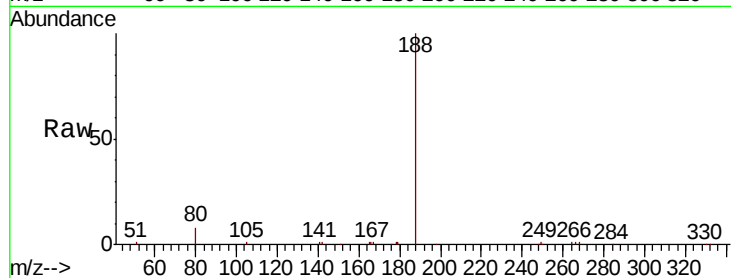
ClientSampled :

SSTDCCC0.4EC

Tot Ion:	188	Resp:	15964
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.7	6.4	9.6

Manual Integrations
APPROVED

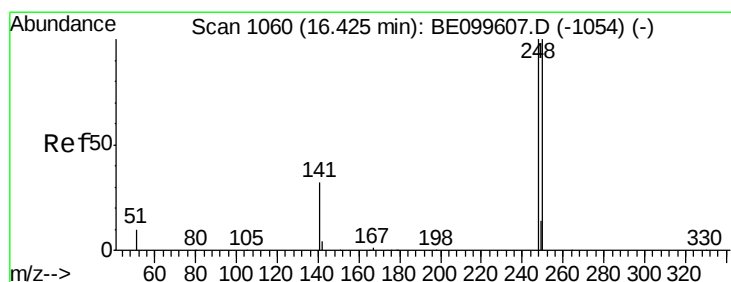
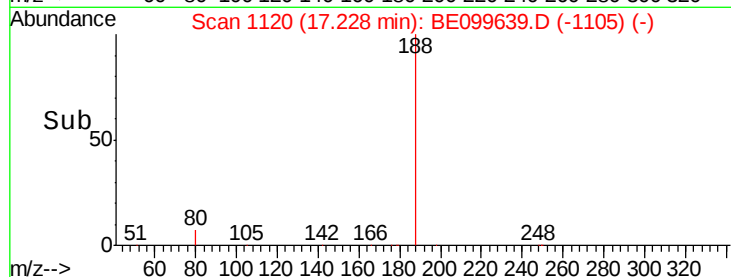
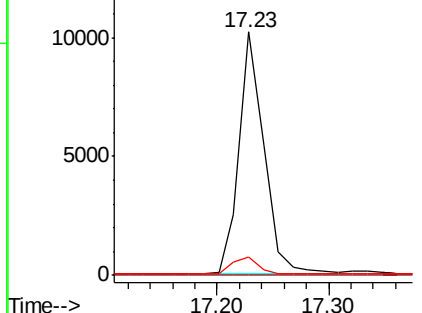
mohammad
5/17/2019 2:25:38 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.349 ng

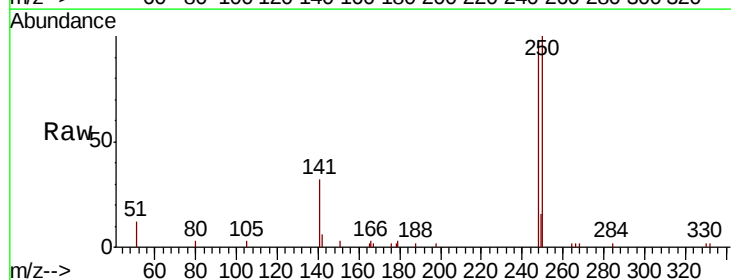
RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

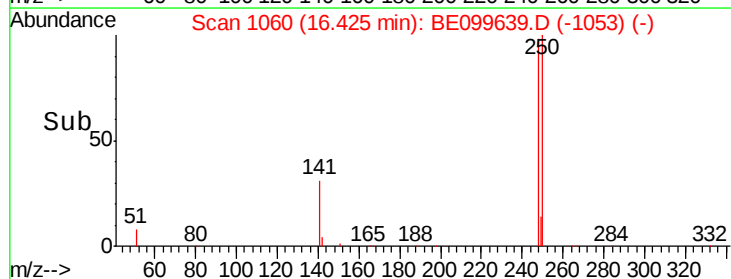
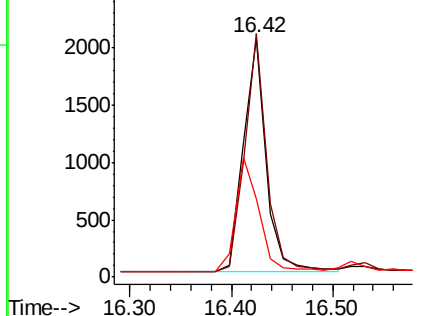
Tgt Ion:	248	Resp:	3214
Ion Ratio	Lower	Upper	
248	100		
250	102.1	80.4	120.6
141	33.1	27.8	41.8

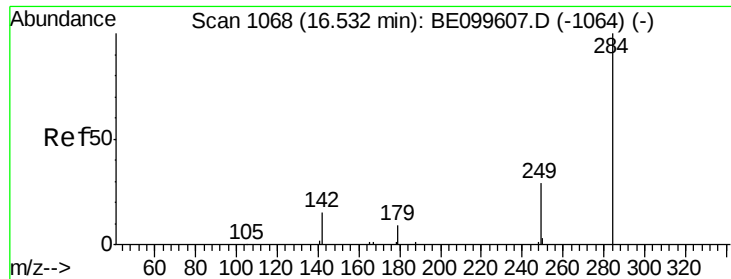


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





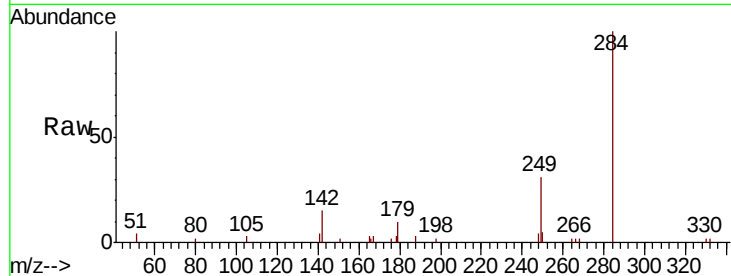
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

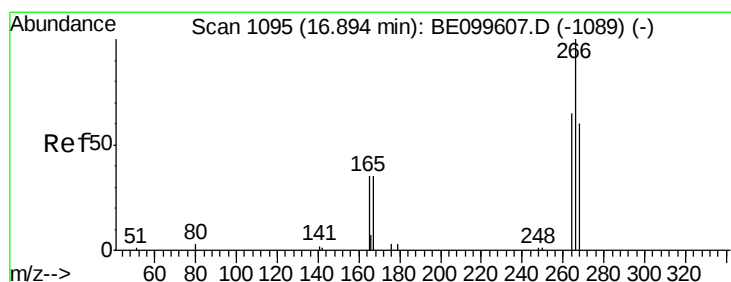
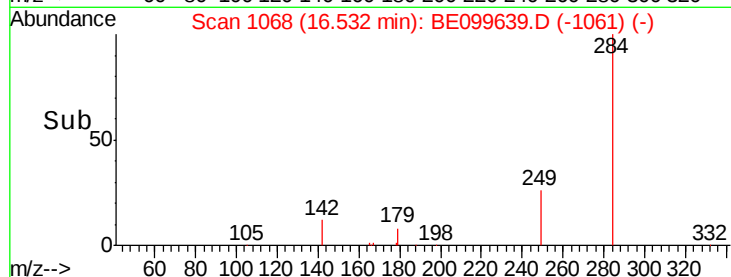
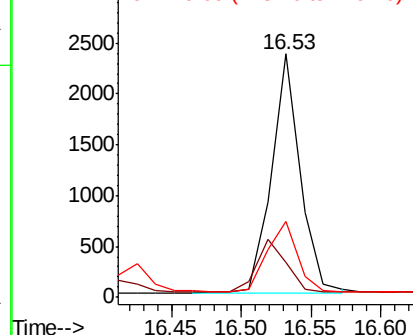
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.2	19.4	29.2
249	31.3	24.6	37.0

Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 PM

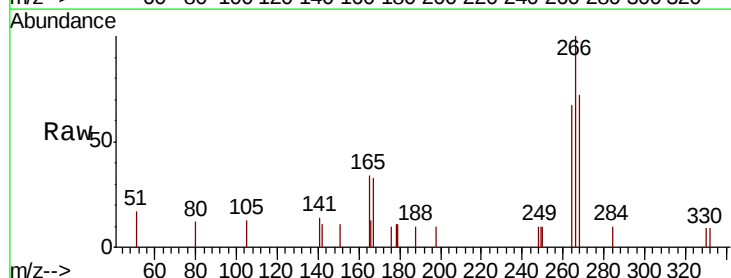


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

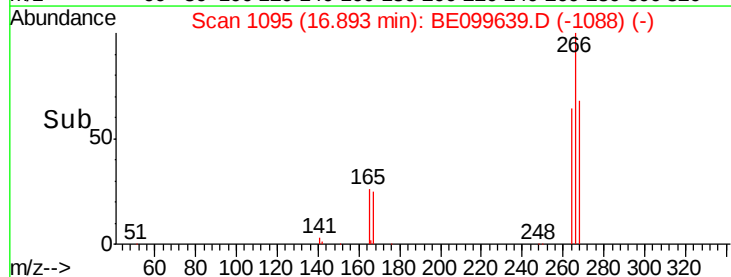
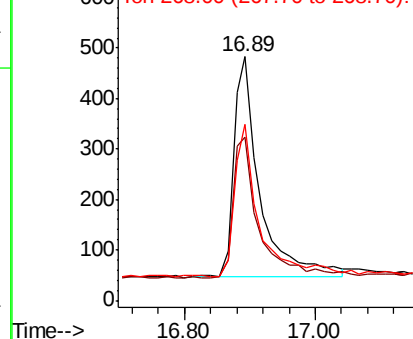


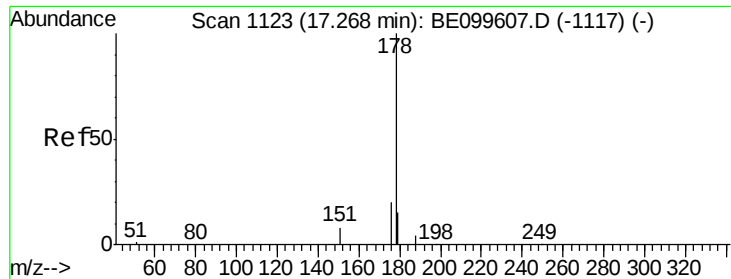
#22
Pentachlorophenol
Concen: 0.508 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.1	57.7	86.5
268	72.3	55.8	83.8



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





#23

Phenanthrene

Concen: 0.361 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

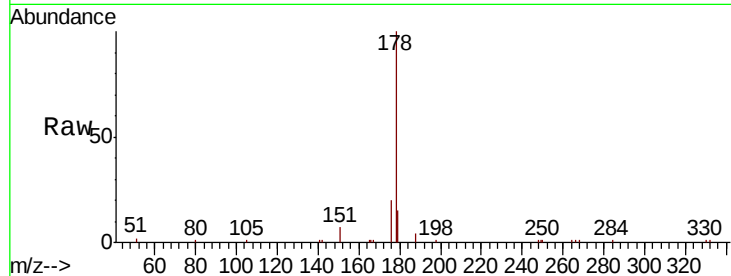
ClientSampleId :

SSTDCCC0.4EC

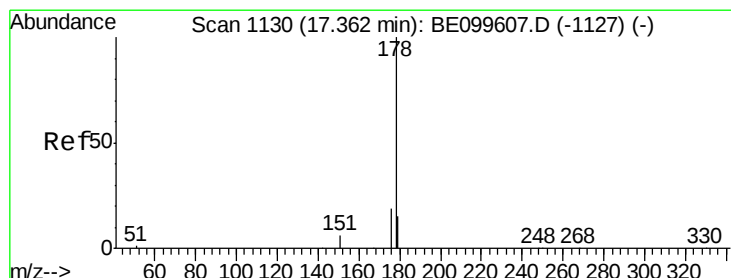
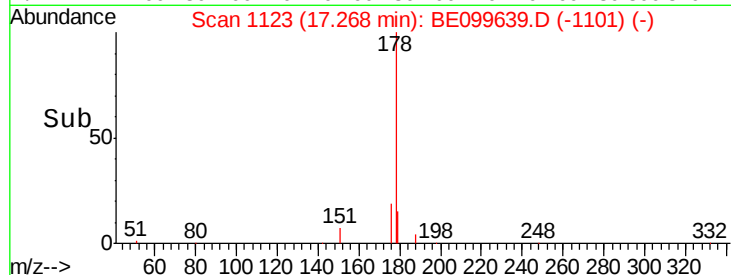
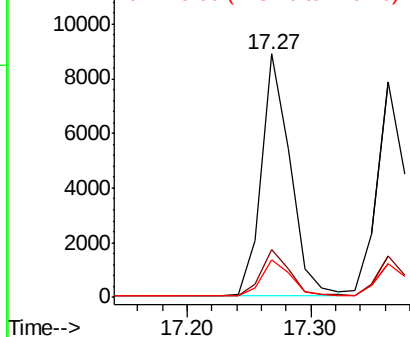
Tot Ion:	178	Resp:	14311
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.7	23.5
179	15.1	12.2	18.2

Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.345 ng

RT: 17.36 min Scan# 1130

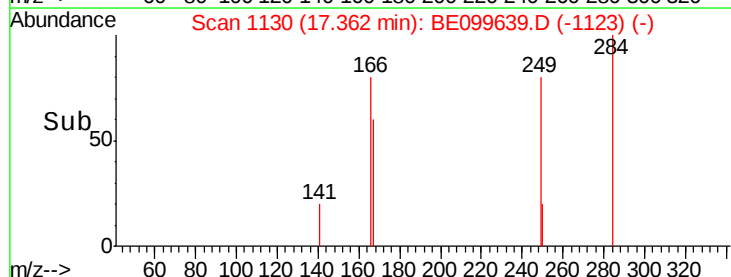
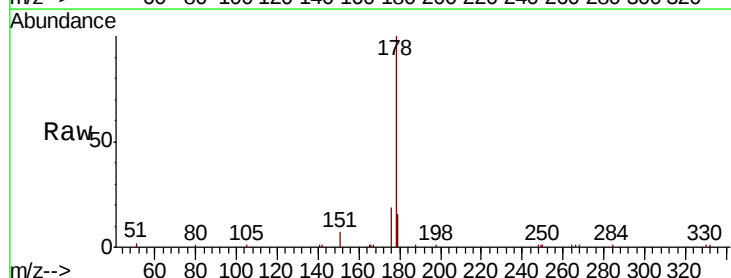
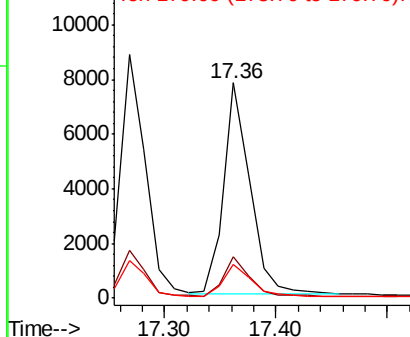
Delta R.T. -0.00 min

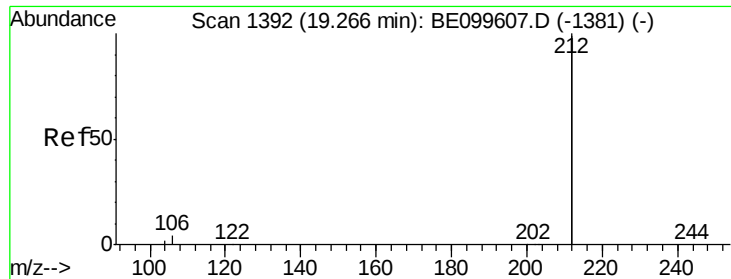
Lab File: BE099639.D

Acq: 17 May 2019 1:39

Tgt Ion:	178	Resp:	12626
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.2	22.8
179	15.3	12.1	18.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

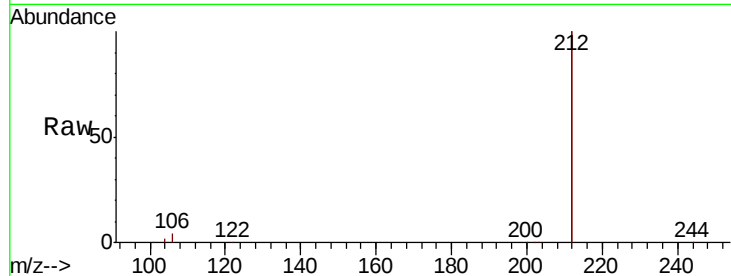
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 PM

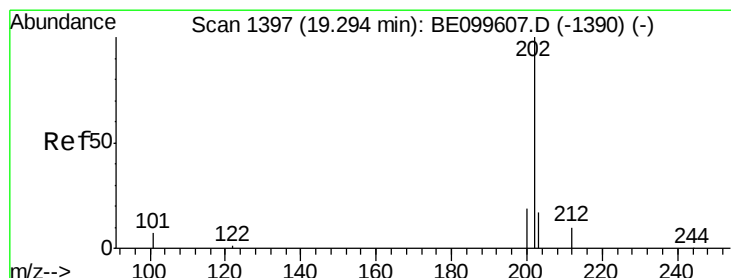
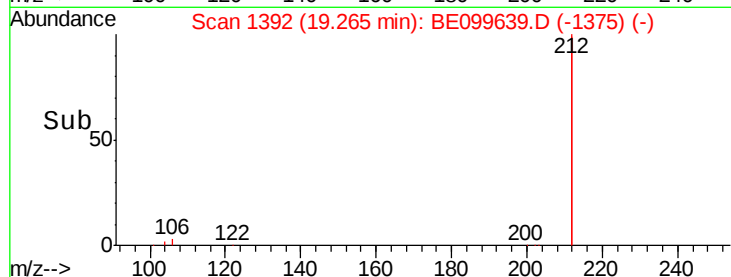
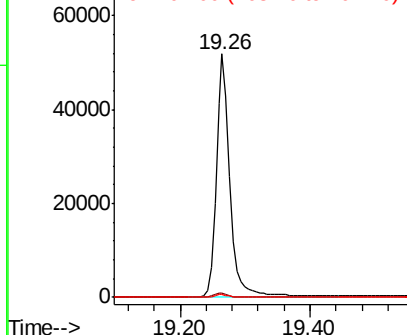


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.363 ng

RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

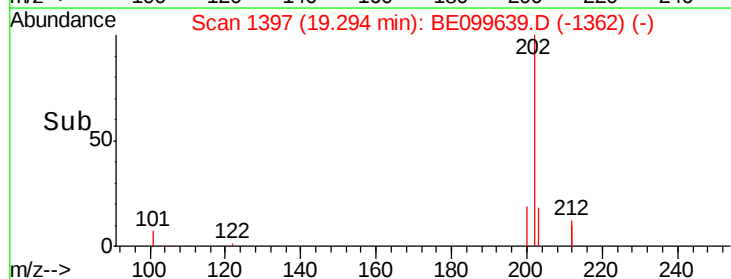
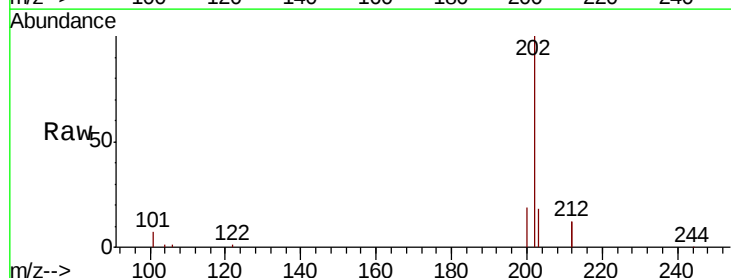
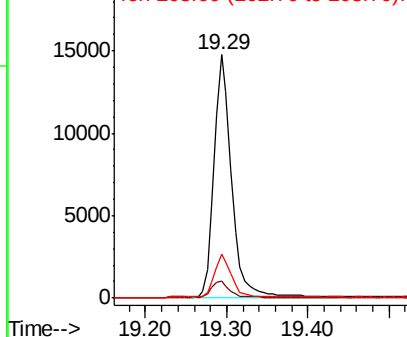
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.0	7.6
203	17.2	13.7	20.5

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:240 Resp: 20632

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

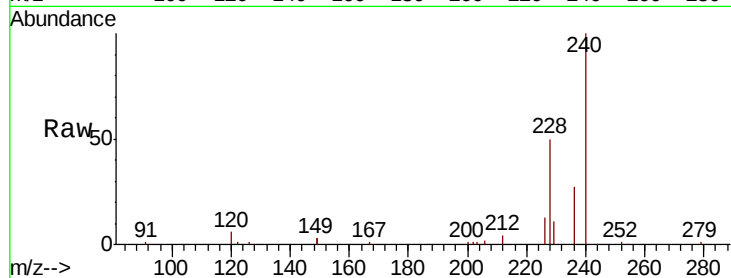
236 27.3 22.8 34.2

Manual Integrations

APPROVED

mohammad

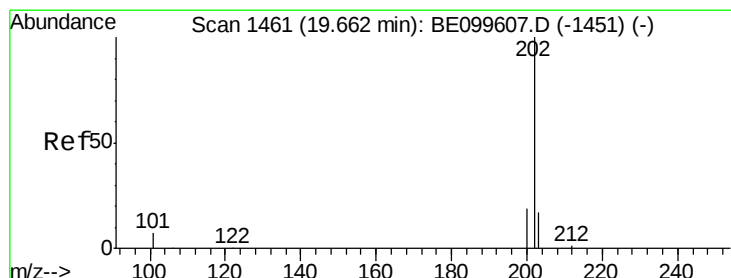
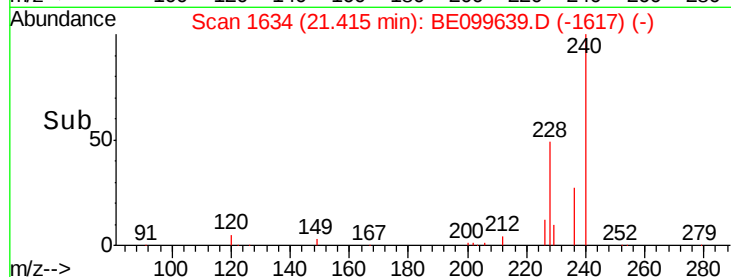
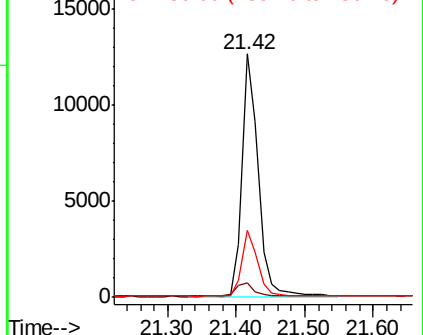
5/17/2019 2:25:38 PM



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: 0.433 ng

RT: 19.66 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

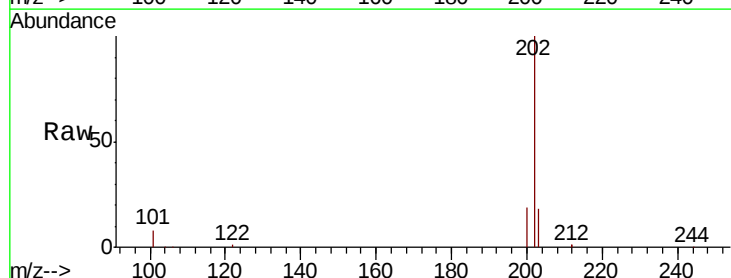
Tgt Ion:202 Resp: 22781

Ion Ratio Lower Upper

202 100

200 19.3 15.8 23.6

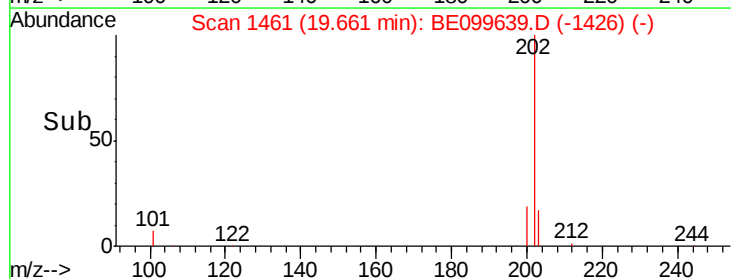
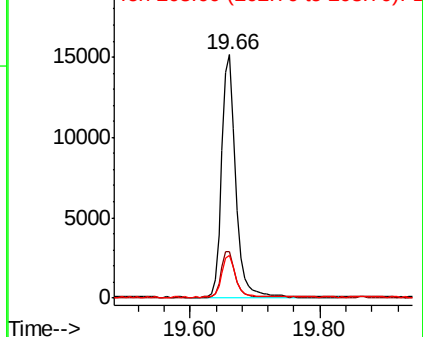
203 17.5 14.1 21.1

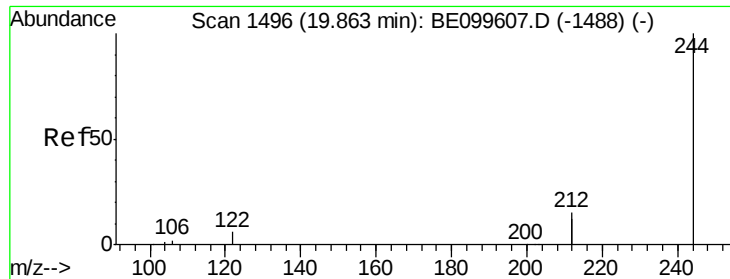


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





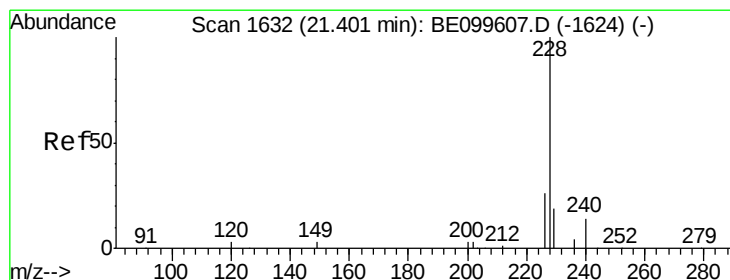
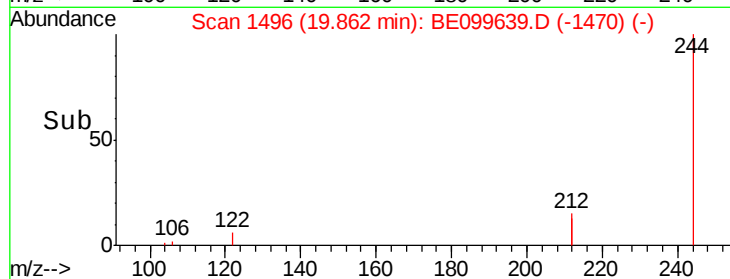
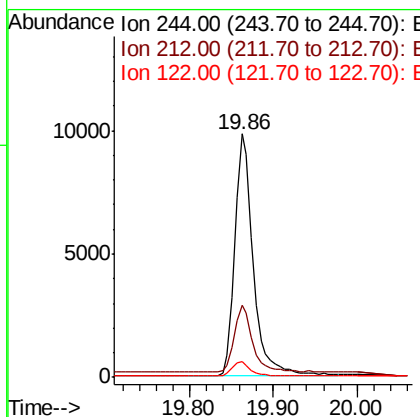
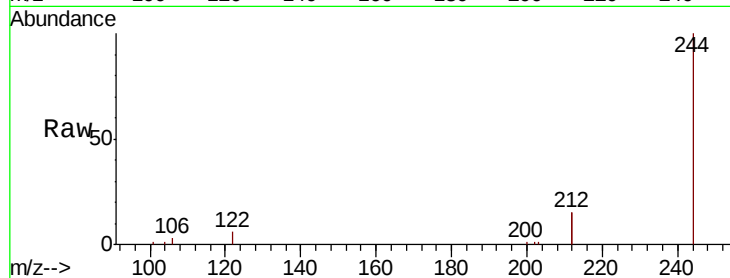
#29
 Terphenyl-d14
 Concen: 0.410 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BE099639.D
 Acq: 17 May 2019 1:39

Instrument :
 BNA_E
 ClientSampled :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.6	23.8	35.6
122	6.3	5.0	7.6

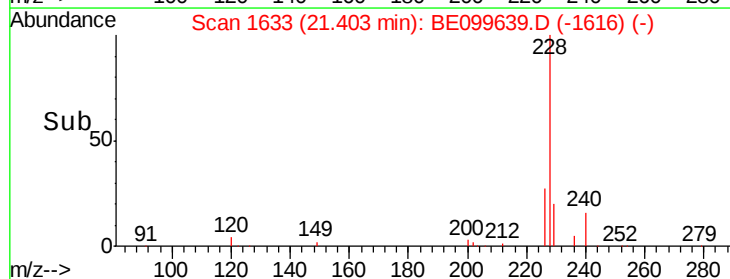
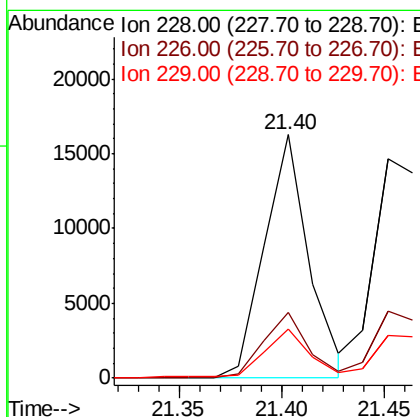
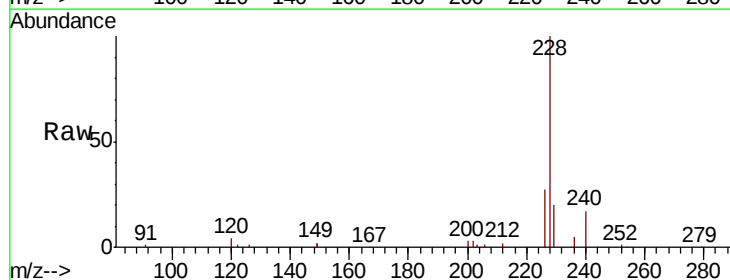
Manual Integrations
 APPROVED

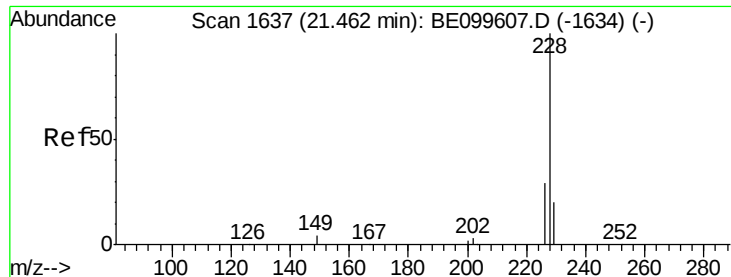
mohammad
 5/17/2019 2:25:38 PM



#30
 Benzo(a)anthracene
 Concen: 0.391 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099639.D
 Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	20.0	15.8	23.8





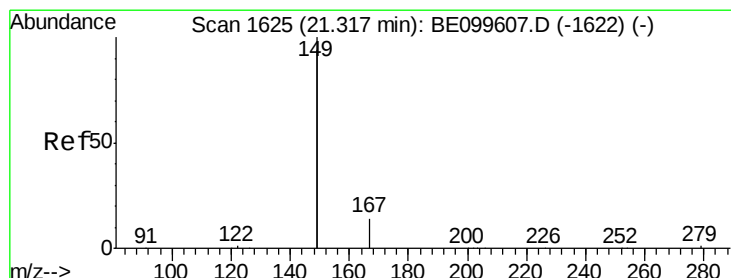
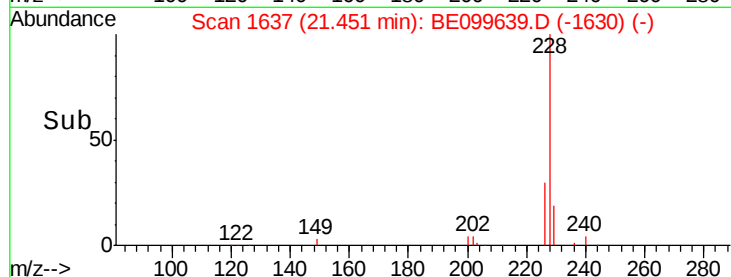
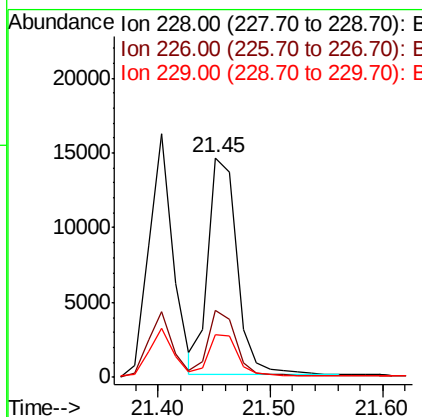
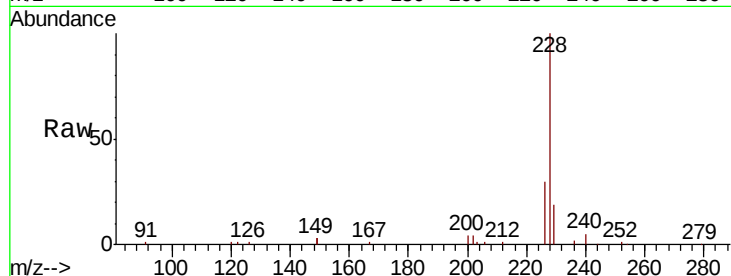
#31
Chrysene
Concen: 0.403 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.0	34.4
229	19.4	16.4	24.6

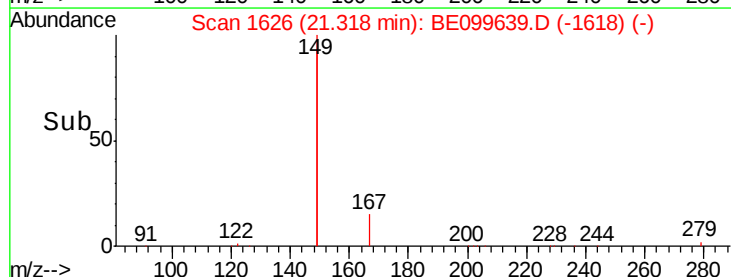
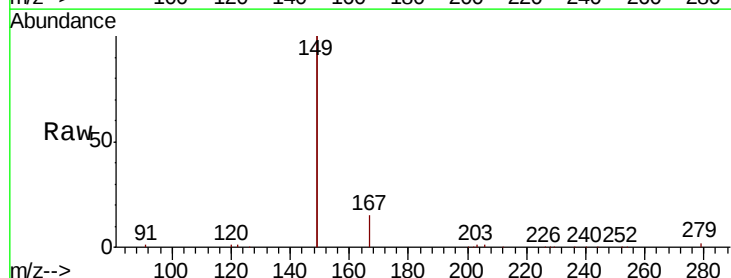
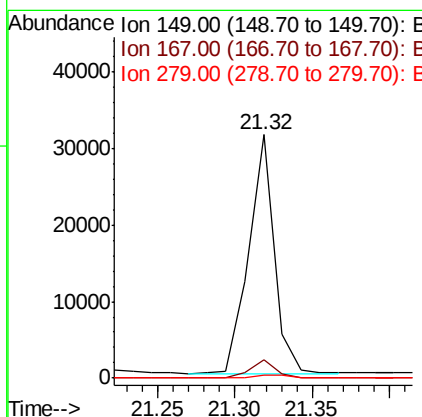
Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.372 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.4	1.1	1.7





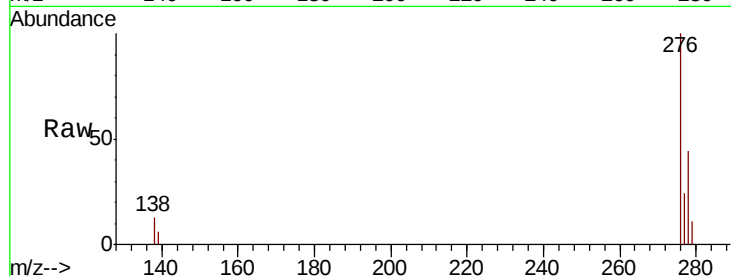
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.364 ng
 RT: 26.65 min Scan# 2977
 Delta R.T. 0.00 min
 Lab File: BE099639.D
 Acq: 17 May 2019 1:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.4	10.0	15.0
277	24.1	19.1	28.7

Manual Integrations
 APPROVED

mohammad
 5/17/2019 2:25:38 PM

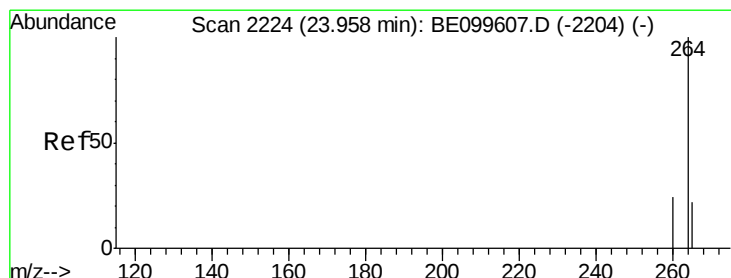
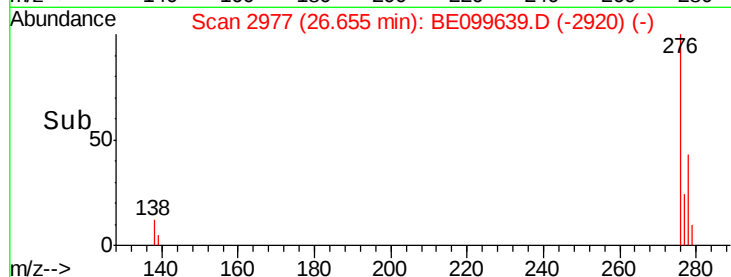
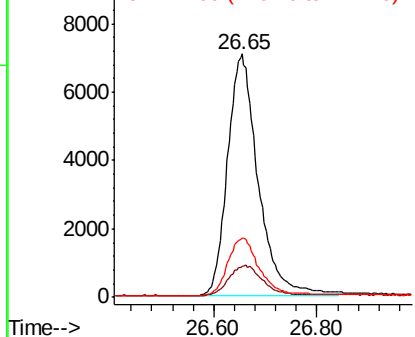


Abundance

Ion 276.00 (275.70 to 276.70): E

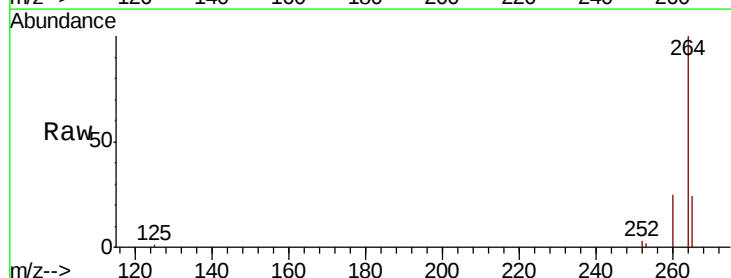
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE099639.D
 Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	24.1	21.2	31.8

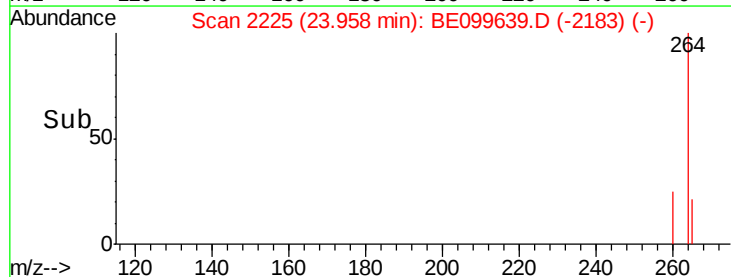
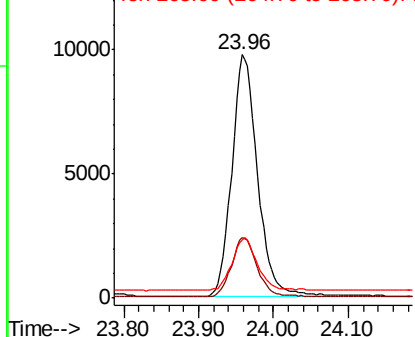


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





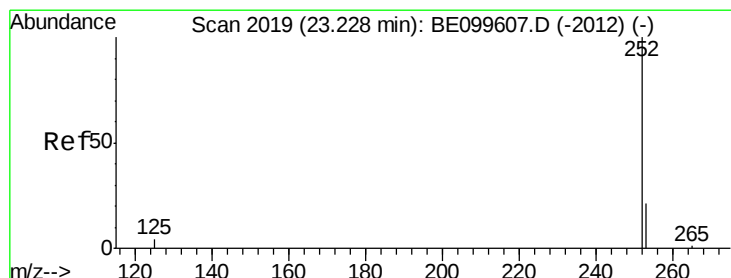
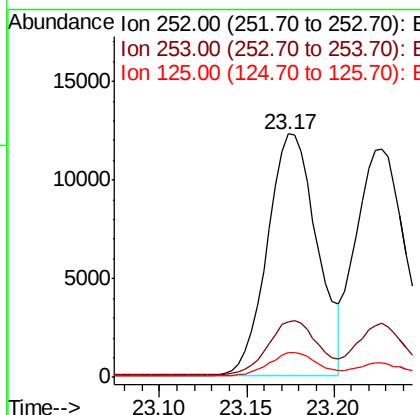
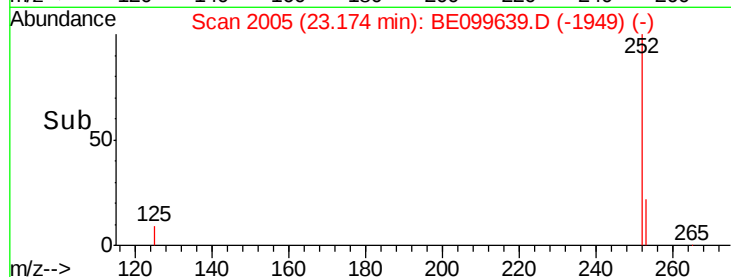
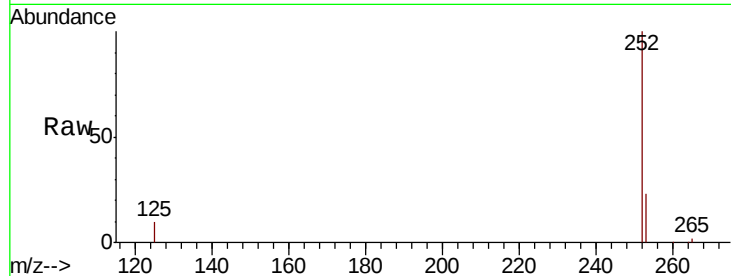
#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.1	28.7
125	10.0	7.8	11.8

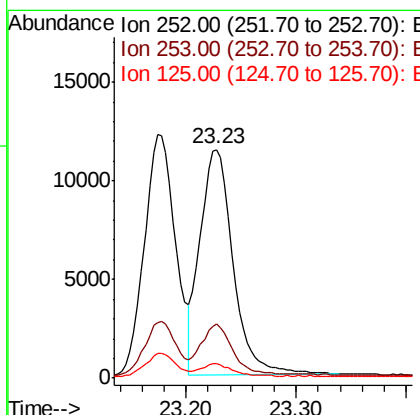
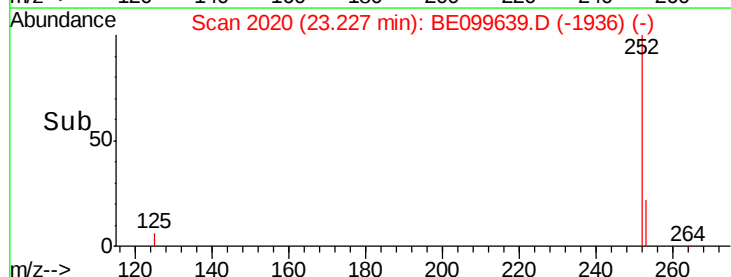
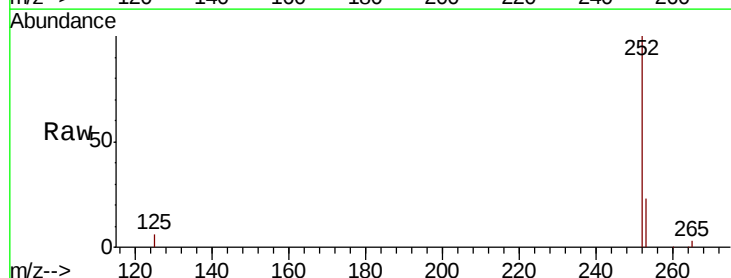
Manual Integrations
APPROVED

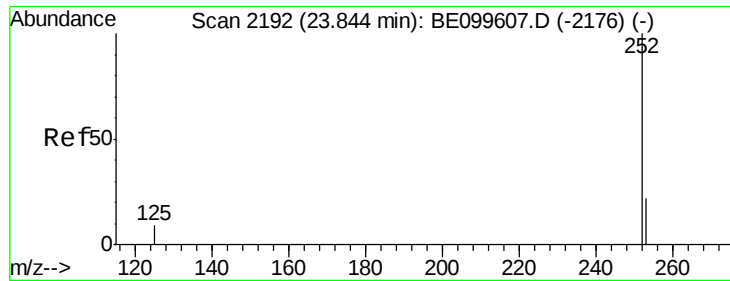
mohammad
5/17/2019 2:25:38 PM



#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.23 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	6.4	5.2	7.8





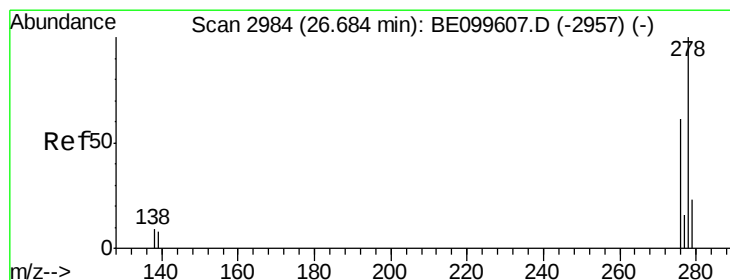
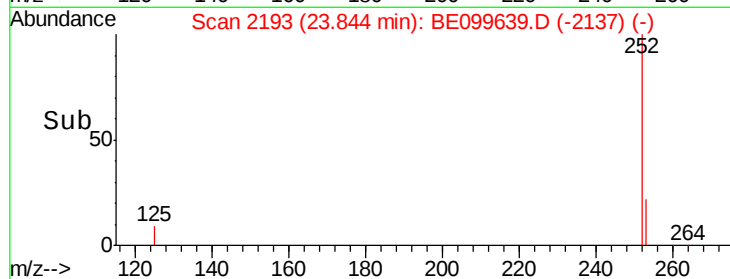
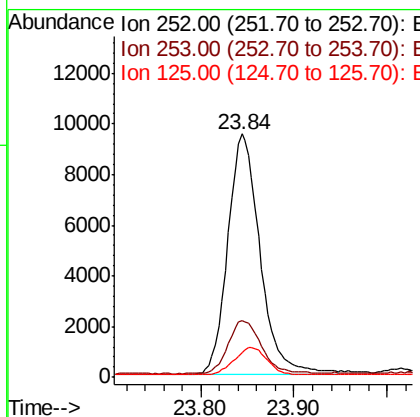
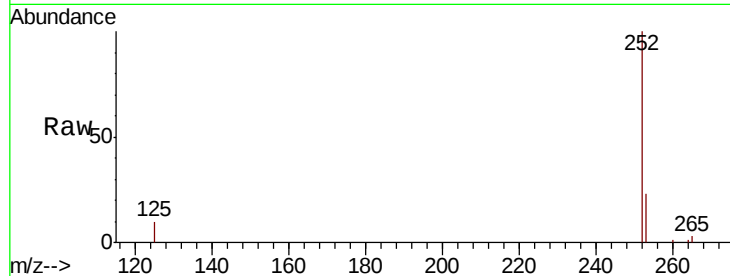
#37
Benzo(a)pyrene
Concen: 0.364 ng
RT: 23.84 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	10.0	8.8	13.2

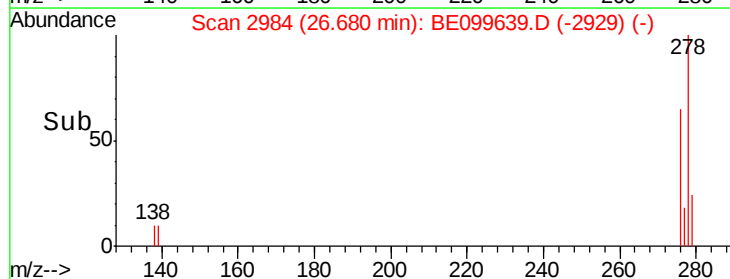
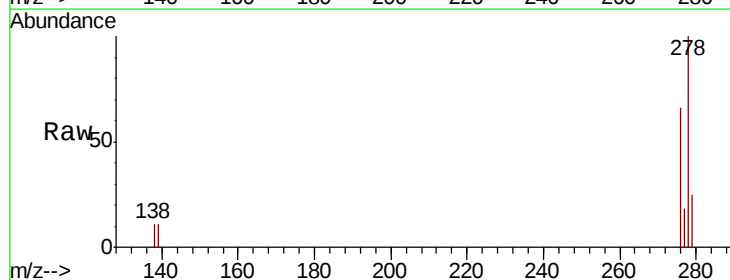
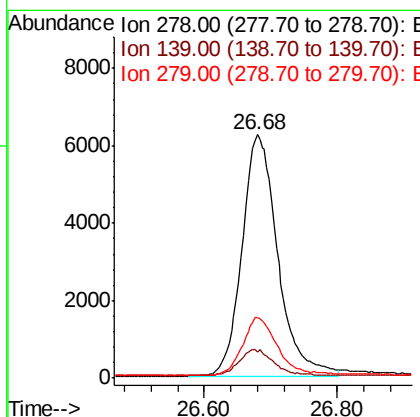
Manual Integrations
APPROVED

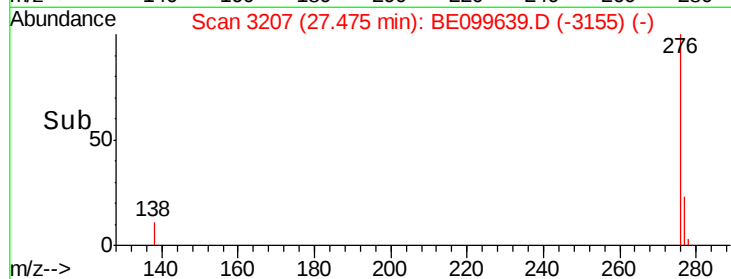
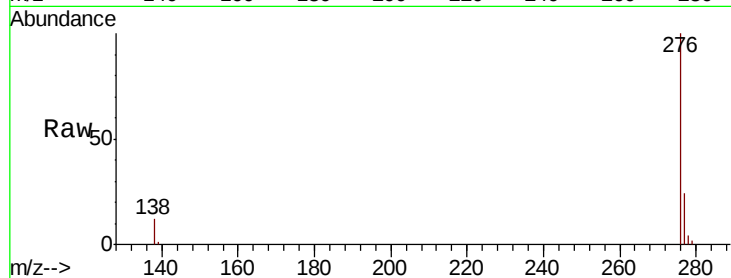
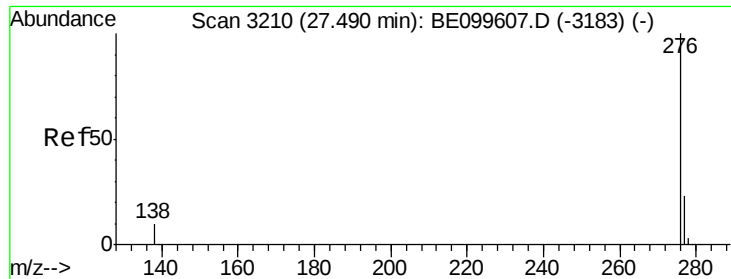
mohammad
5/17/2019 2:25:38 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.68 min Scan# 2984
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.6	7.9	11.9
279	24.9	19.5	29.3





#39

Benzo(a,h,i)perylene

Concen: 0.358 ng

RT: 27.48 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Tot Ion:	276	Resp:	23727
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.3	28.9
138	12.1	9.1	13.7

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
5/17/2019 2:25:38 PM

