

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099853.D
 Acq On : 7 Jun 2019 15:25
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE060719

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:43:27 AM

Quant Time: Jun 07 18:36:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 07 15:25:21 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	701	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2518	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	1845	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	6177	0.40	ng	0.00
27) Chrysene-d12	21.41	240	11360	0.40	ng	0.00
34) Perylene-d12	23.94	264	12376	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	894	0.38	ng	0.01
5) Phenol-d6	6.97	99	1115	0.39	ng	0.01
8) Nitrobenzene-d5	8.98	82	987	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1843	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	711	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2752	0.41	ng	0.00
25) Fluoranthene-d10	19.26	212	38246	0.40	ng	0.00
29) Terphenyl-d14	19.86	244	7998	0.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	390	0.395	ng	100
3) n-Nitrosodimethylamine	3.61	42	258	0.386	ng	# 96
6) bis(2-Chloroethyl)ether	7.23	93	833	0.392	ng	85
9) Naphthalene	10.67	128	10820	0.395	ng	100
10) Hexachlorobutadiene	10.94	225	815	0.405	ng	98
12) 2-Methylnaphthalene	12.30	142	1723	0.370	ng	99
16) Acenaphthylene	14.20	152	3608	0.395	ng	99
17) Acenaphthene	14.54	154	1978	0.395	ng	99
18) Fluorene	15.53	166	3058	0.399	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	1391	0.393	ng	# 81
21) Hexachlorobenzene	16.53	284	1345	0.390	ng	96
22) Pentachlorophenol	16.91	266	365	0.518	ng	93
23) Phenanthrene	17.27	178	5992	0.391	ng	99
24) Anthracene	17.36	178	5600	0.381	ng	99
26) Fluoranthene	19.29	202	10823	0.400	ng	100
28) Pyrene	19.65	202	11558	0.384	ng	100
30) Benzo(a)anthracene	21.39	228	14849	0.411	ng	98
31) Chrysene	21.45	228	13489	0.381	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	24062	0.409	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	17096	0.396	ng	99
35) Benzo(b)fluoranthene	23.16	252	14361m	0.418	ng	
36) Benzo(k)fluoranthene	23.21	252	13690	0.398	ng	# 96
37) Benzo(a)pyrene	23.83	252	13731	0.412	ng	# 95
38) Dibenzo(a,h)anthracene	26.66	278	13722	0.402	ng	# 92
39) Benzo(g,h,i)perylene	27.46	276	13991	0.404	ng	97

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

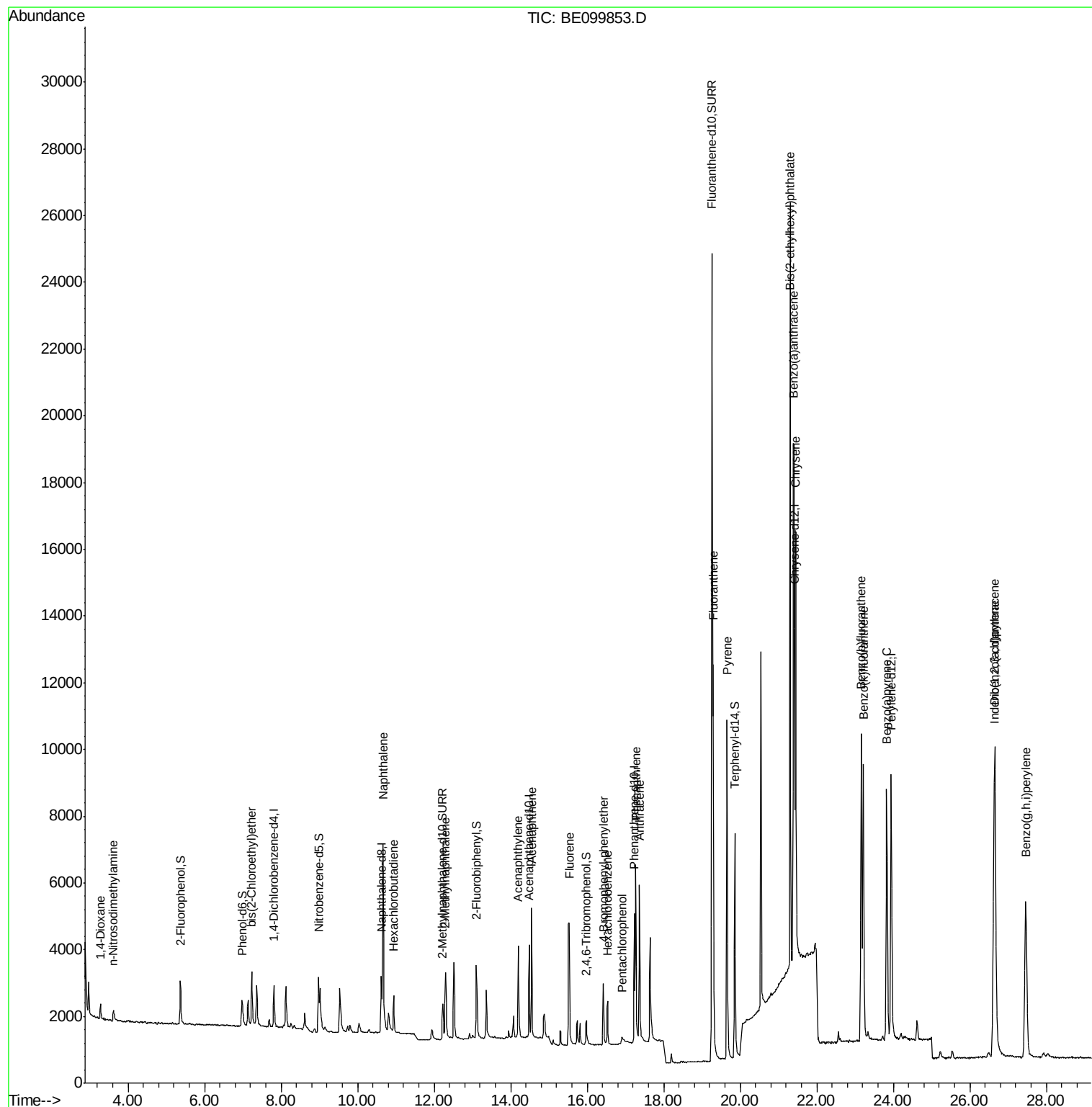
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
Data File : BE099853.D
Acq On : 7 Jun 2019 15:25
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

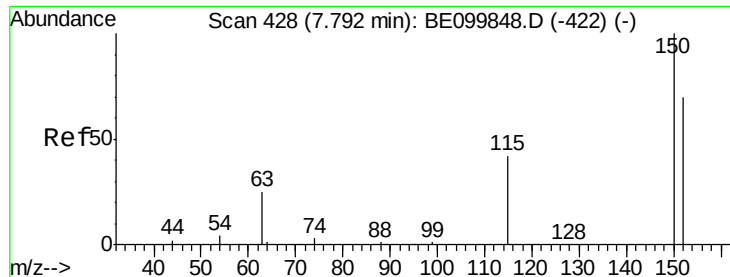
Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM

Quant Time: Jun 07 18:36:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration





#1

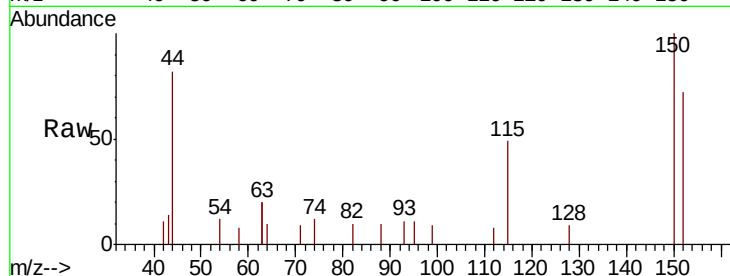
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.4	112.8	169.2
115	67.1	47.6	71.4

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM

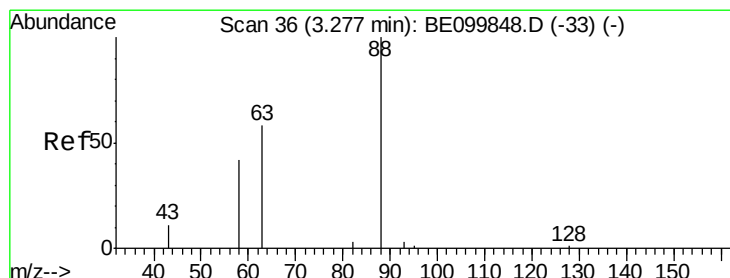
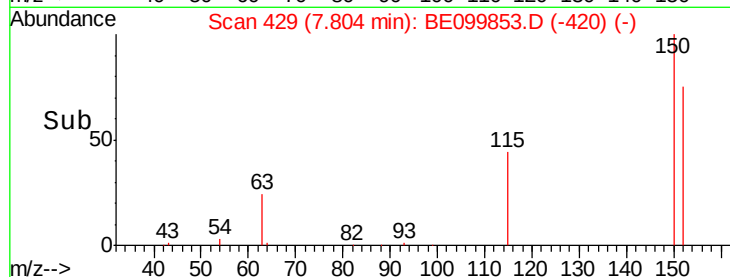
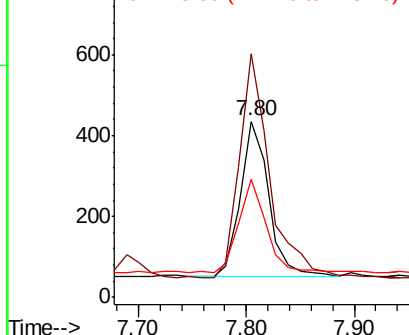


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

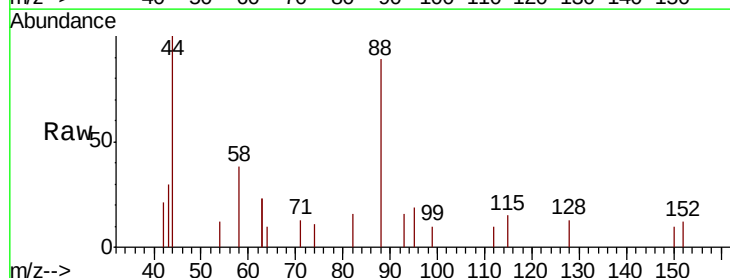
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.395 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.0	47.3	70.9
43	22.3	18.2	27.4

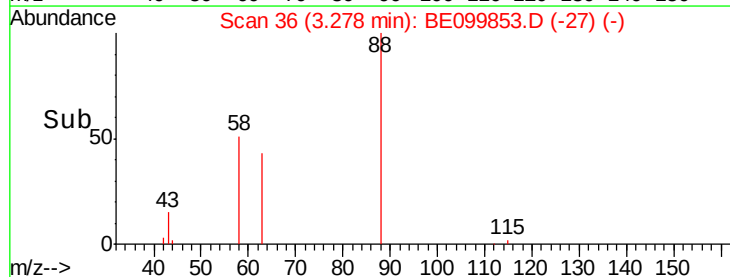
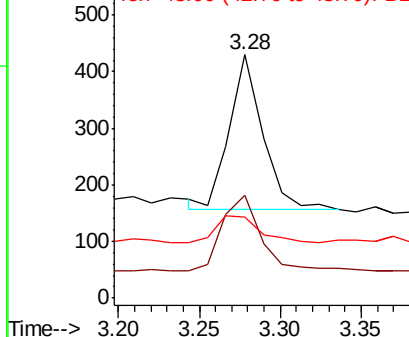


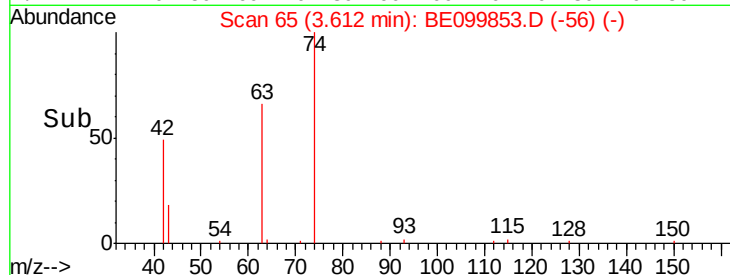
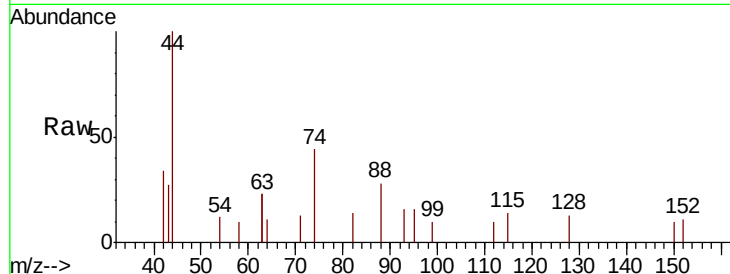
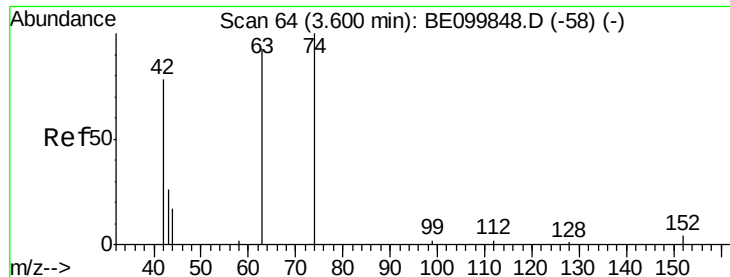
Abundance

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





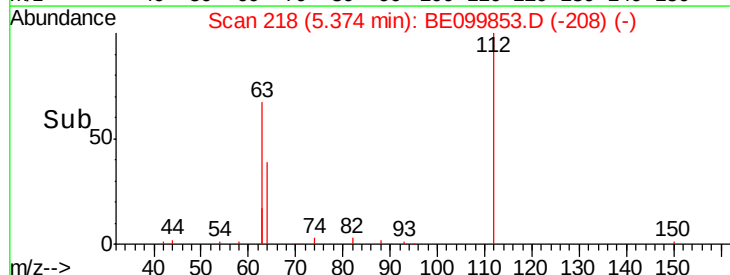
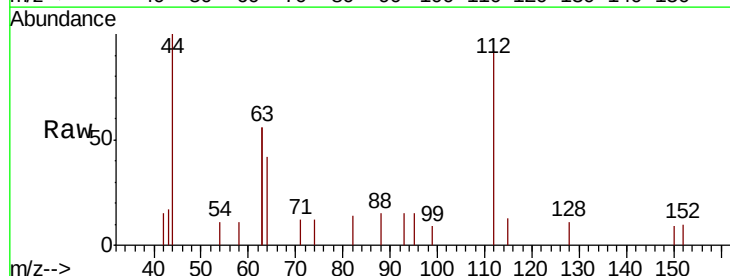
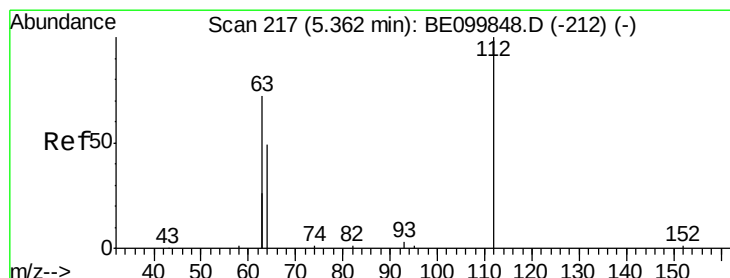
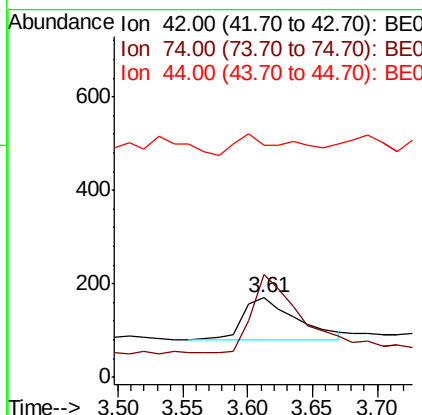
#3
 n-Nitrosodimethylamine
 Concen: 0.386 ng
 RT: 3.61 min Scan# 65
 Delta R.T. 0.00 min
 Lab File: BE099853.D
 Acq: 7 Jun 2019 15:25

Tot Ion:	42	Resp:	258
Ion	Ratio	Lower	Upper
42	100		
74	166.7	132.6	198.8
44	31.8	13.4	20.0#

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE060719

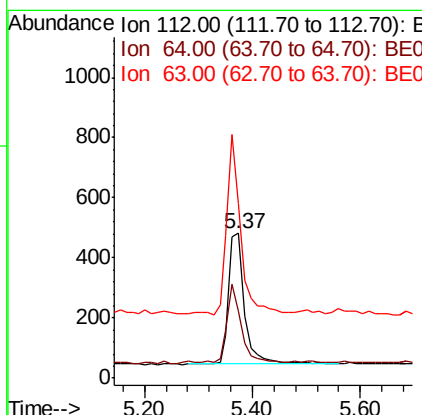
Manual Integrations
 APPROVED

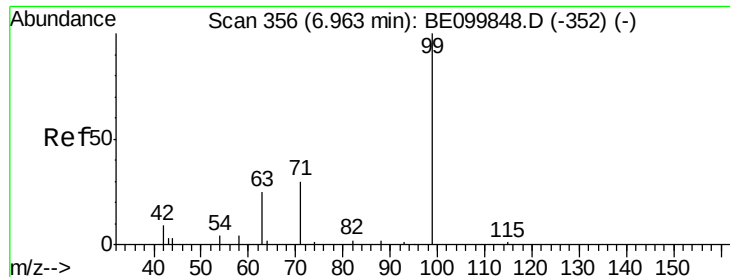
mohammad
 6/14/2019 8:43:27 AM



#4
 2-Fluorophenol
 Concen: 0.381 ng
 RT: 5.37 min Scan# 218
 Delta R.T. 0.01 min
 Lab File: BE099853.D
 Acq: 7 Jun 2019 15:25

Tgt Ion:	112	Resp:	894
Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.2	70.8
63	118.6	90.7	136.1





#5

Phenol-d6

Concen: 0.386 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

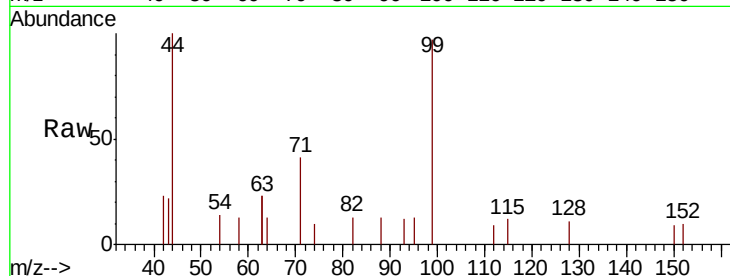
ClientSampleId :

ICVBE060719

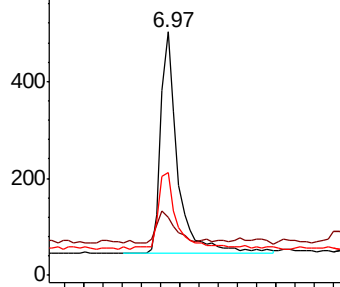
Tot Ion:	99	Resp:	1115
Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.0	16.4
71	38.7	26.1	39.1

Manual Integrations
APPROVED

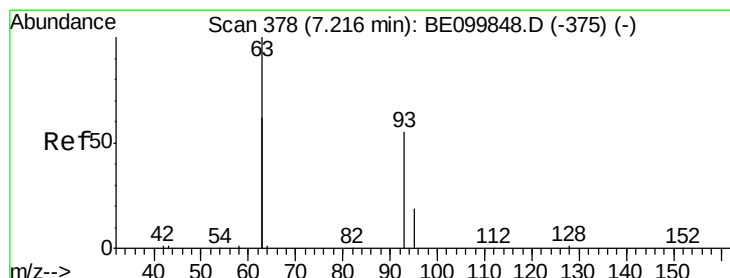
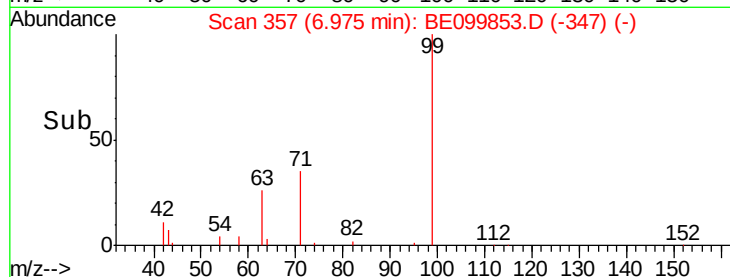
mohammad
6/14/2019 8:43:27 AM



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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

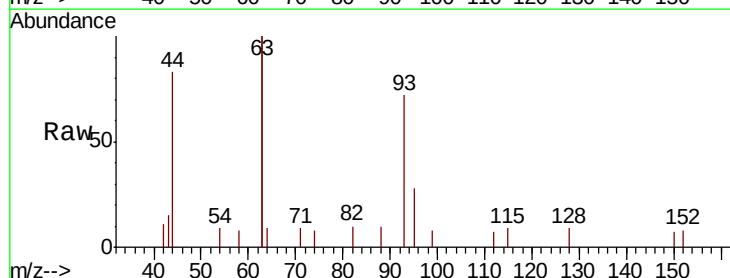
RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

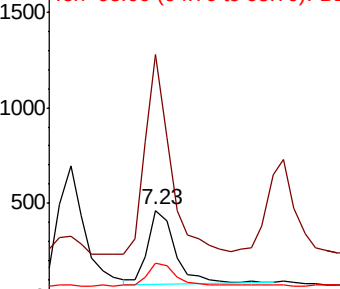
Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

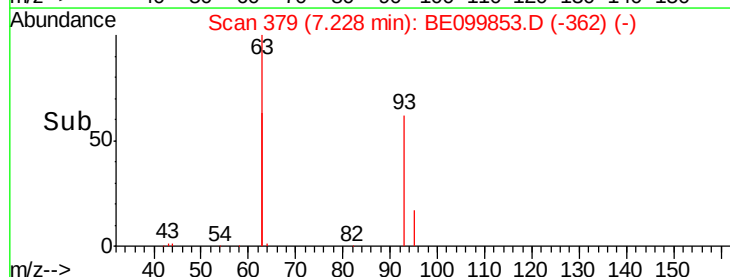
Tgt Ion:	93	Resp:	833
Ion	Ratio	Lower	Upper
93	100		
63	231.9	208.8	313.2
95	30.6	27.6	41.4

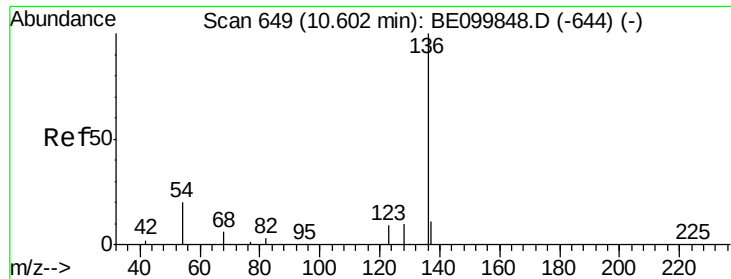


Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

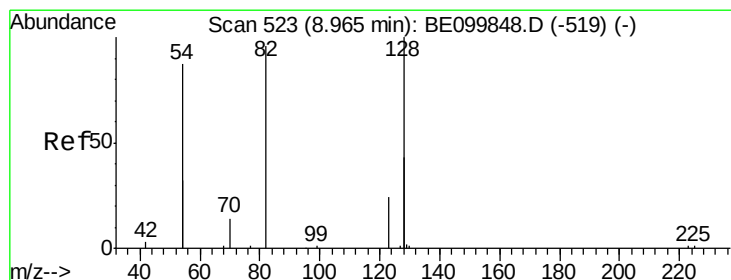
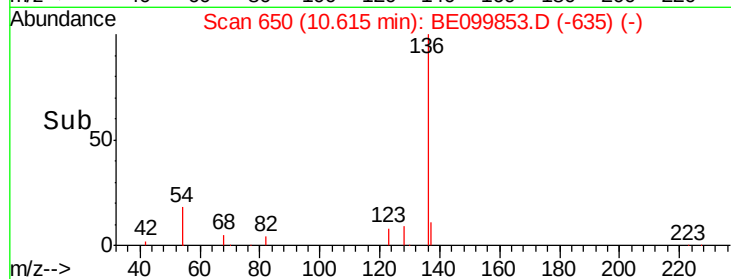
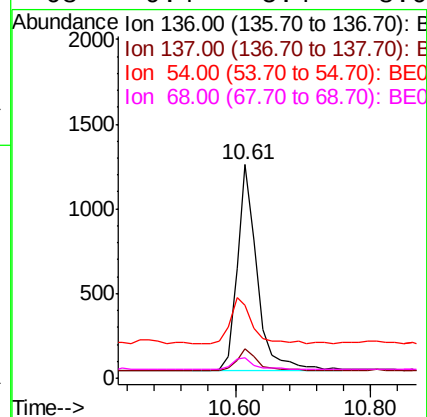
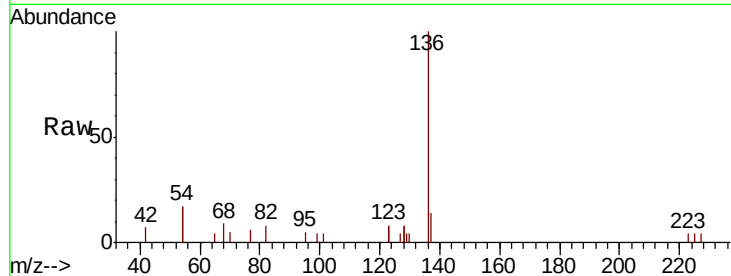
ClientSampleId :

ICVBE060719

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.0	11.1	16.7
54	33.9	17.9	26.9
68	9.4	5.4	8.0

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM



#8

Nitrobenzene-d5

Concen: 0.389 ng

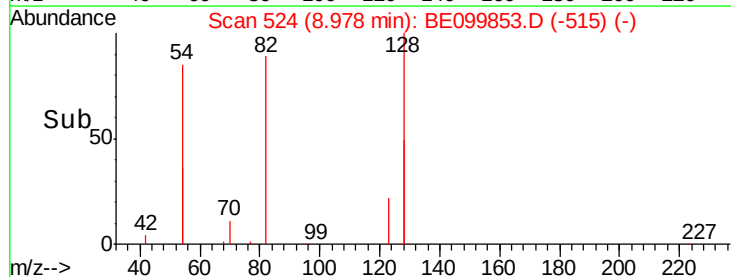
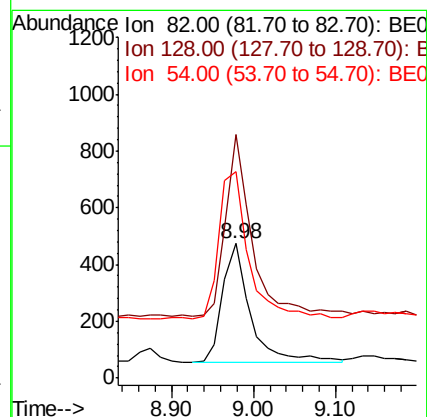
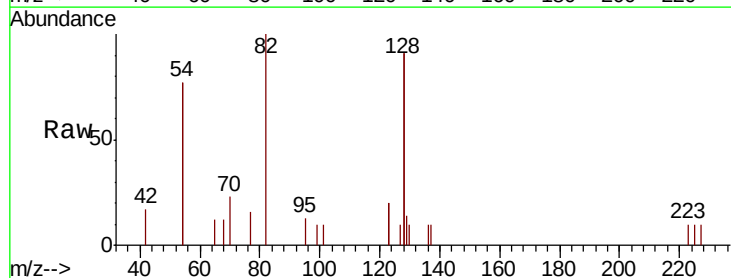
RT: 8.98 min Scan# 524

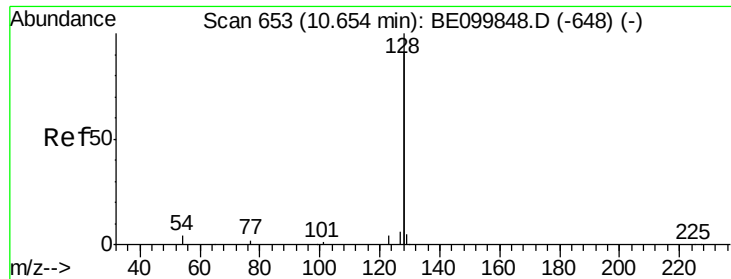
Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
82	100		
128	181.4	116.6	175.0
54	153.5	136.2	204.4





#9

Naphthalene

Concen: 0.395 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

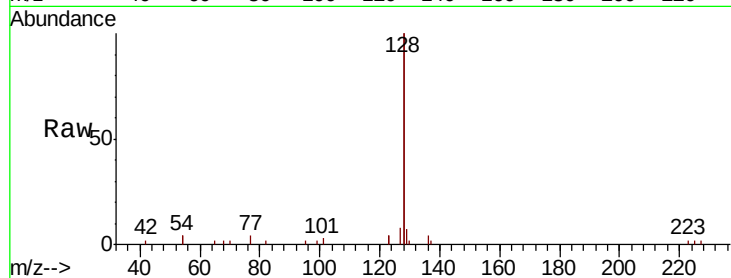
ClientSampleId :

ICVBE060719

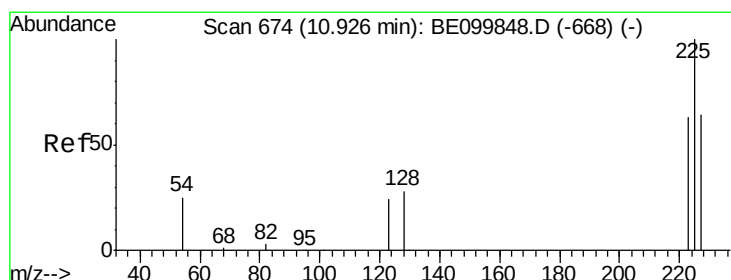
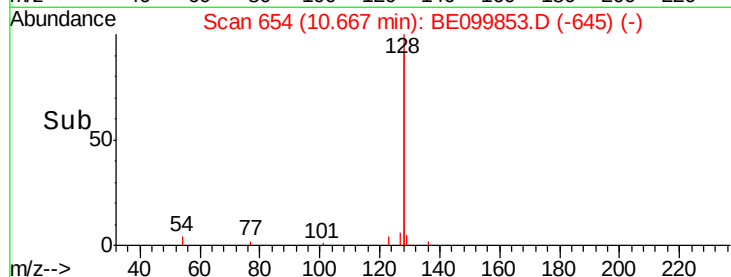
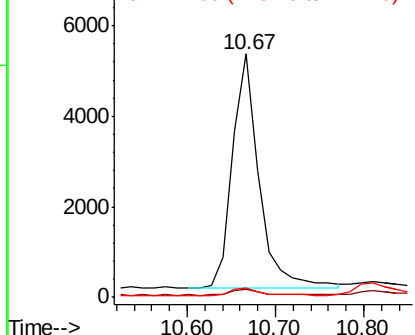
Tot Ion:	128	Resp:	10820
Ion Ratio	Lower	Upper	
128	100		
129	3.5	2.6	4.0
127	3.9	3.0	4.6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM



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



#10

Hexachlorobutadiene

Concen: 0.405 ng

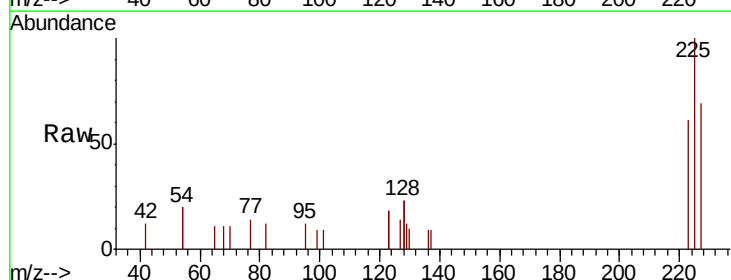
RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

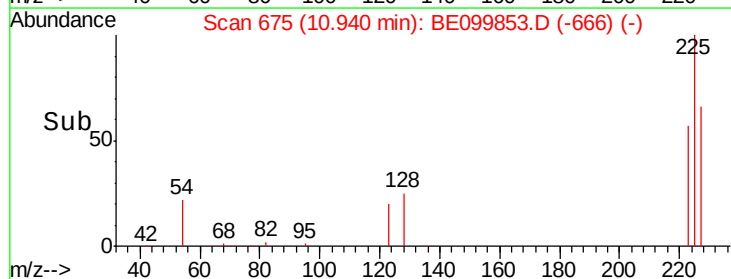
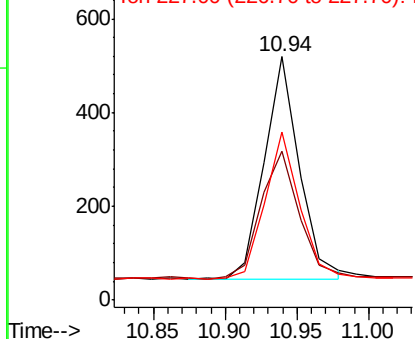
Lab File: BE099853.D

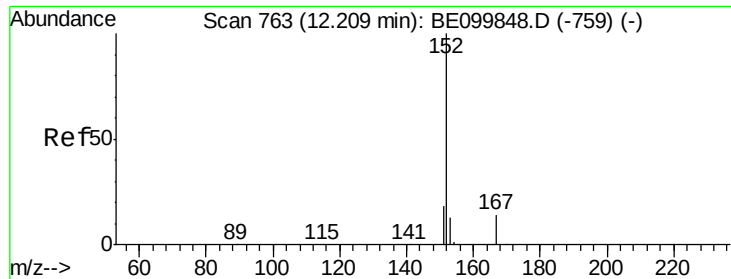
Acq: 7 Jun 2019 15:25

Tgt Ion:	225	Resp:	815
Ion Ratio	Lower	Upper	
225	100		
223	63.6	48.6	72.8
227	64.8	51.6	77.4



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





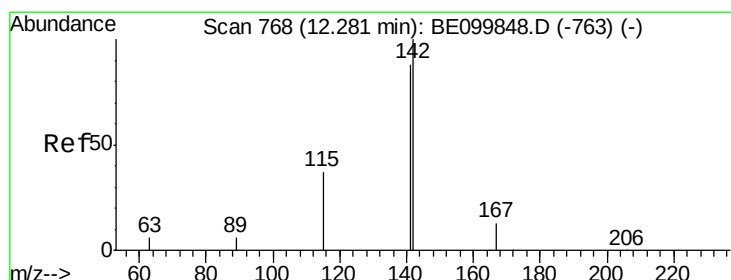
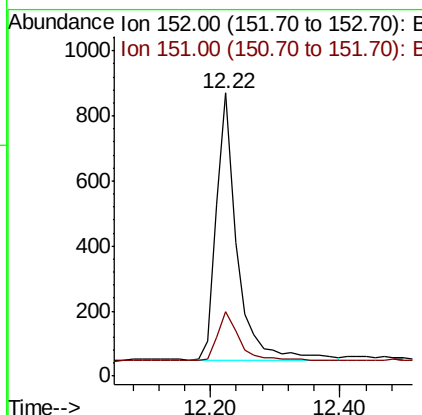
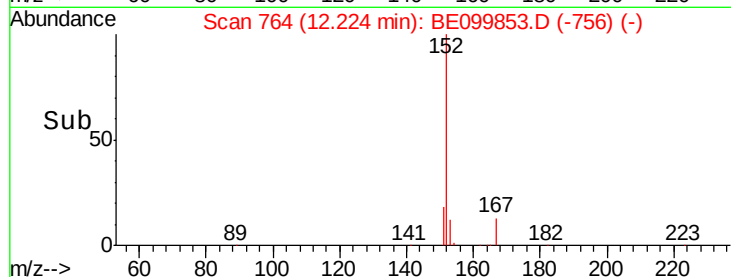
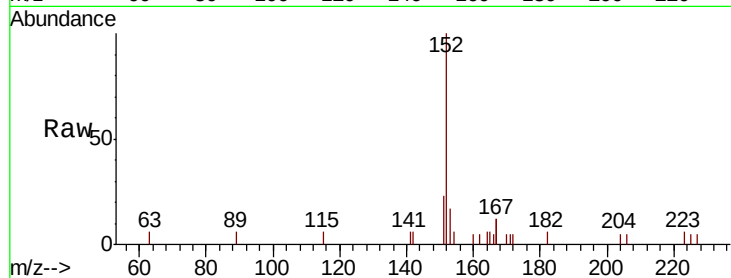
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8

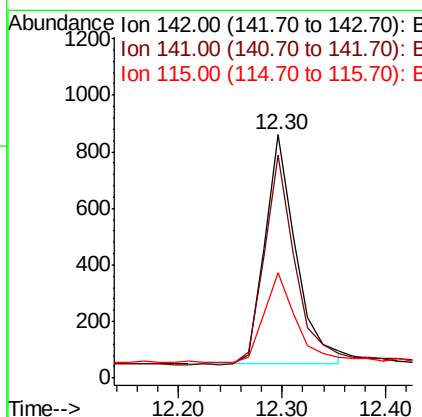
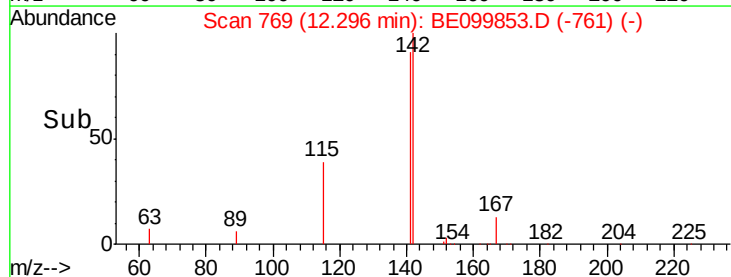
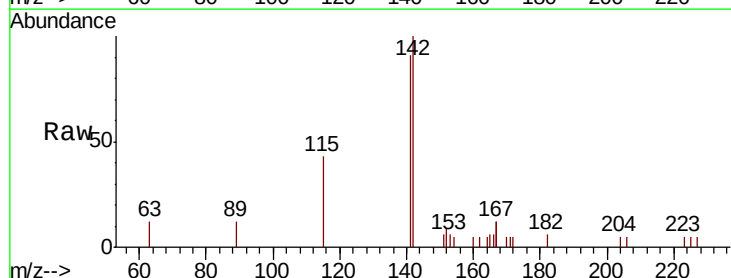
Manual Integrations
APPROVED

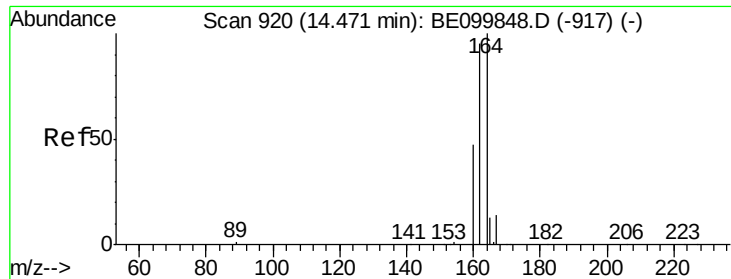
mohammad
6/14/2019 8:43:27 AM



#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.3	109.9
115	43.3	33.4	50.2





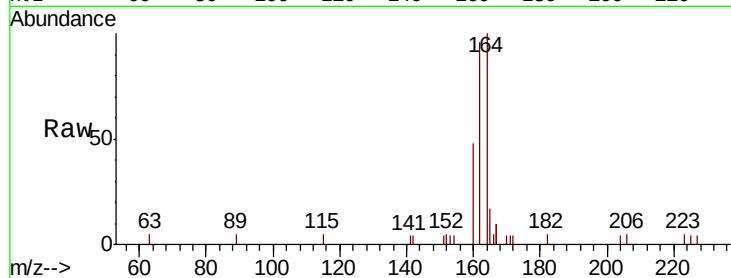
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.2	115.8
160	48.1	39.4	59.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM

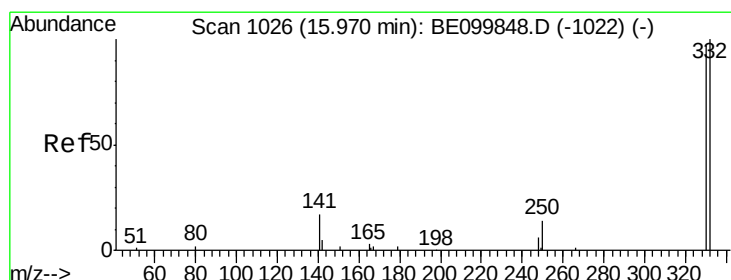
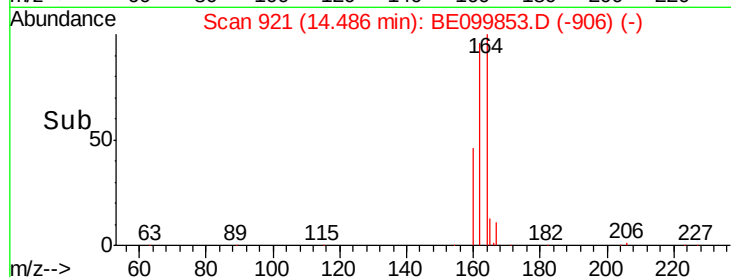
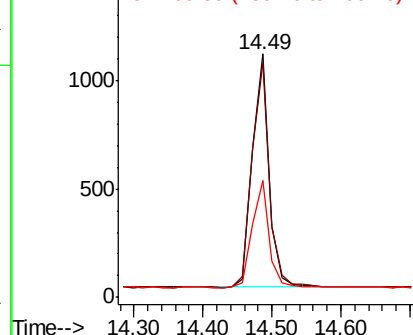


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

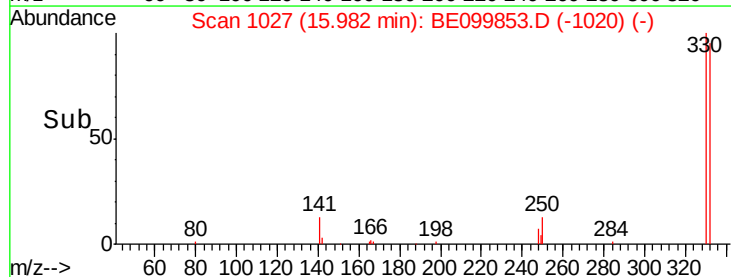
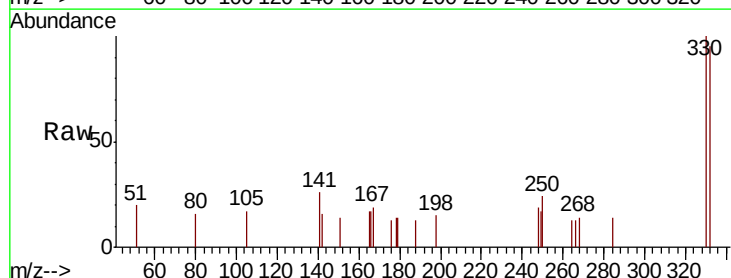
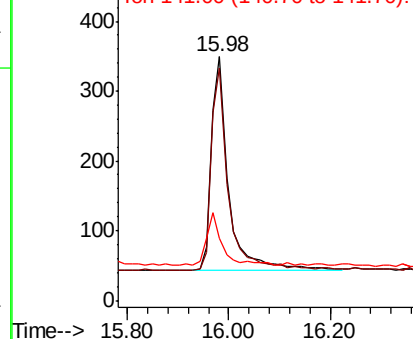
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	74.9	112.3
141	23.5	16.0	24.0

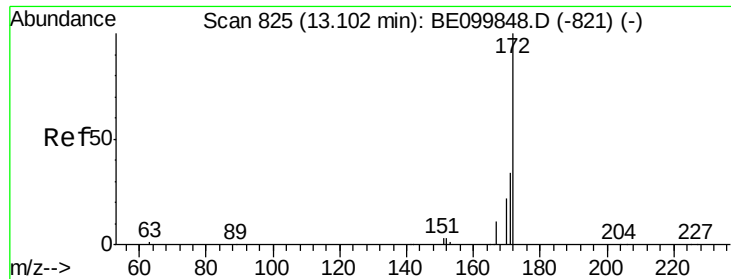
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





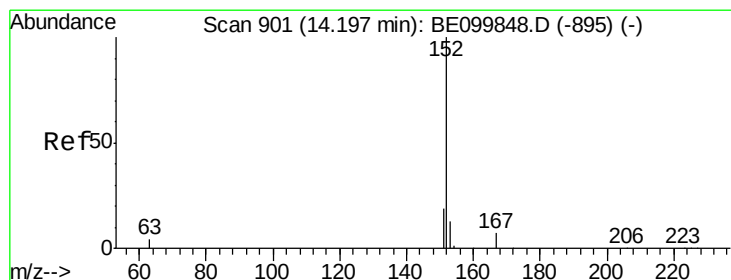
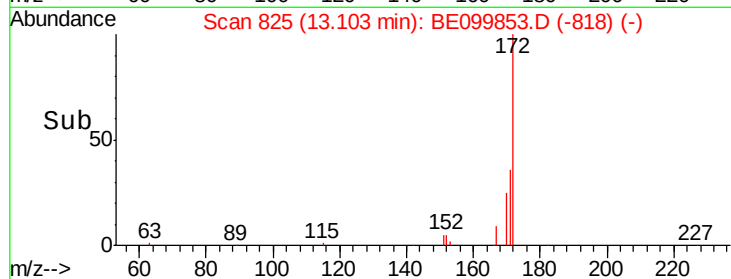
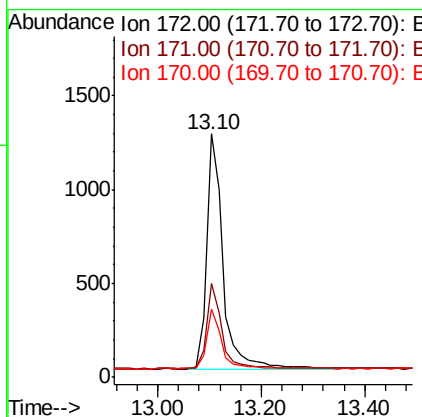
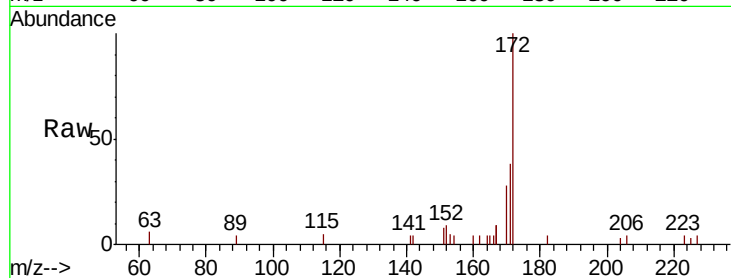
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.2	45.4
170	27.8	20.1	30.1

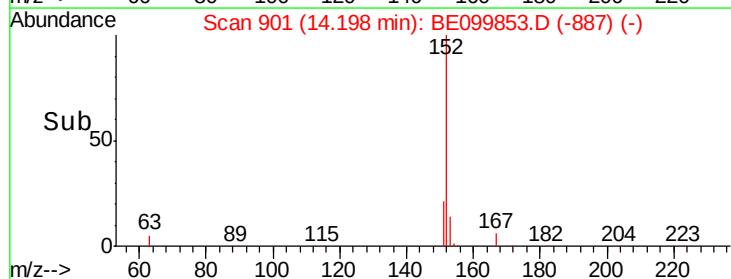
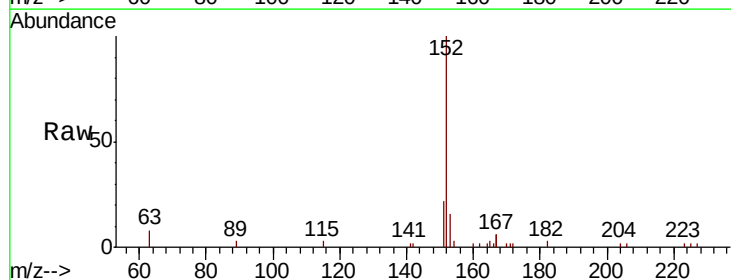
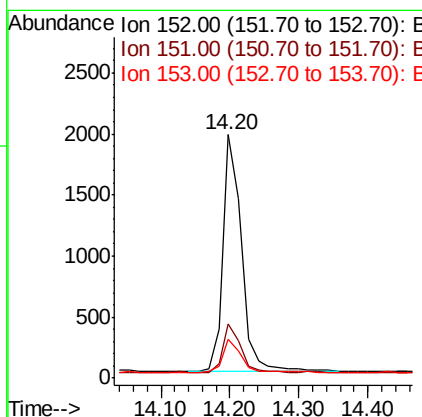
Manual Integrations
APPROVED

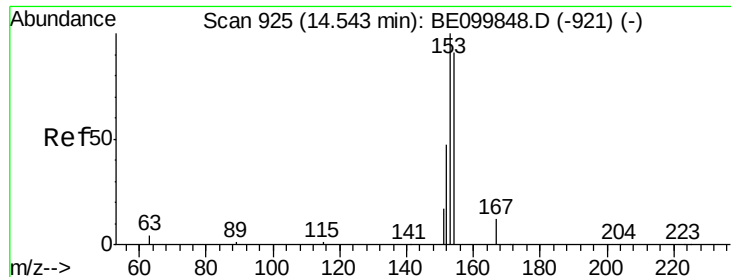
mohammad
6/14/2019 8:43:27 AM



#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.7	10.8	16.2





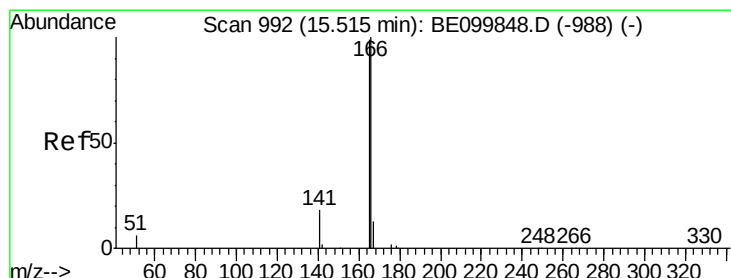
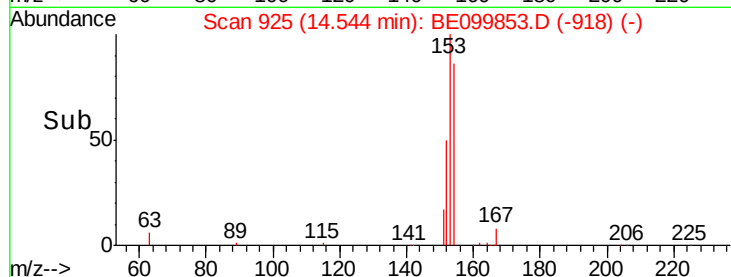
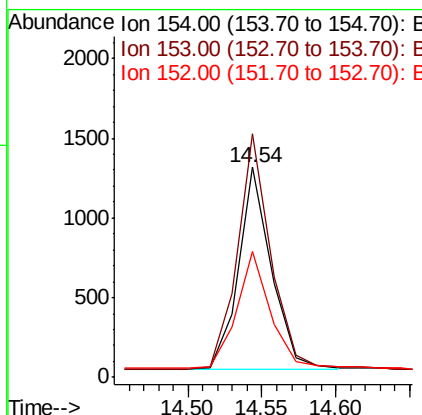
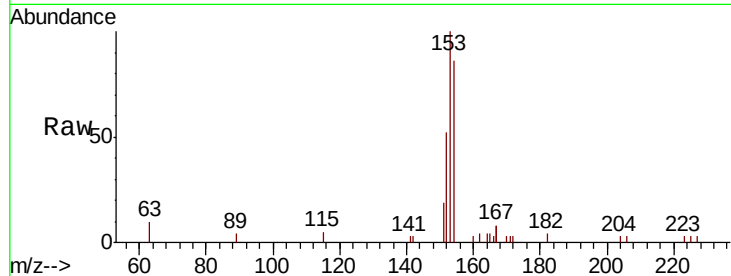
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.7	93.8	140.6
152	58.5	48.3	72.5

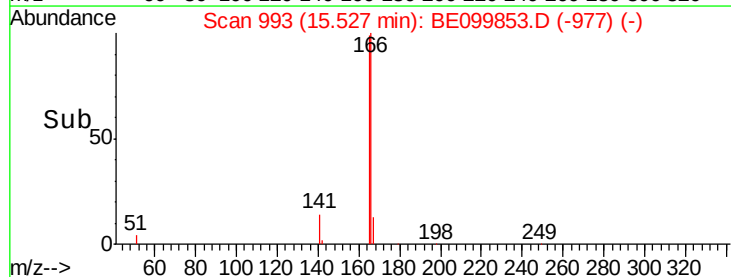
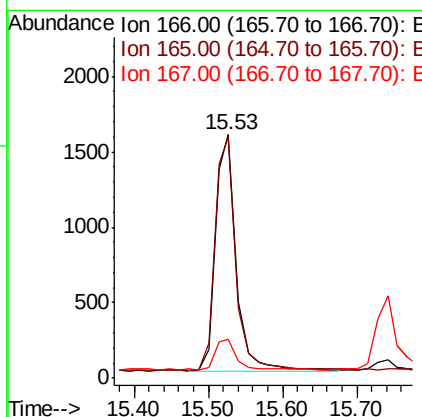
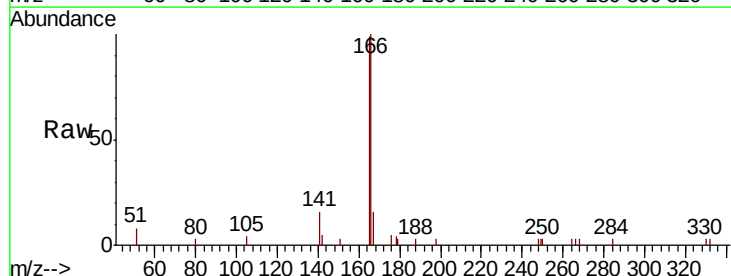
Manual Integrations
APPROVED

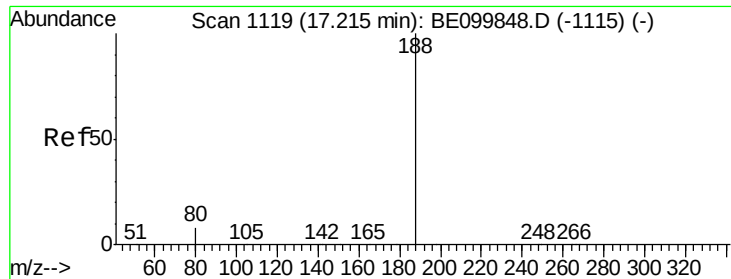
mohammad
6/14/2019 8:43:27 AM



#18
Fluorene
Concen: 0.399 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.4	120.6
167	13.4	10.7	16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

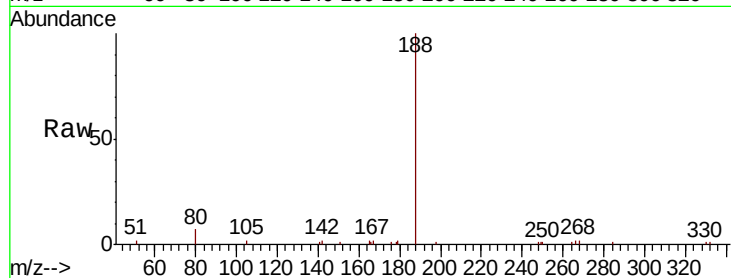
ClientSampleId :

ICVBE060719

Tot Ion:	188	Resp:	6177
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.8	5.2	7.8

Manual Integrations
APPROVED

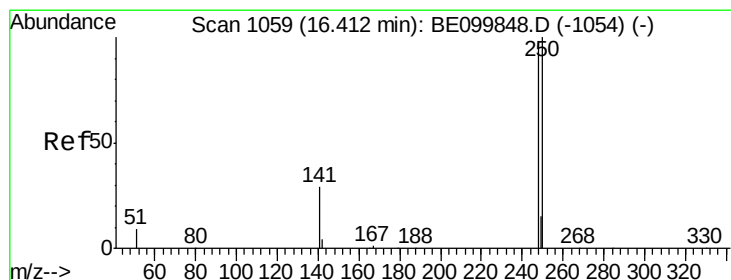
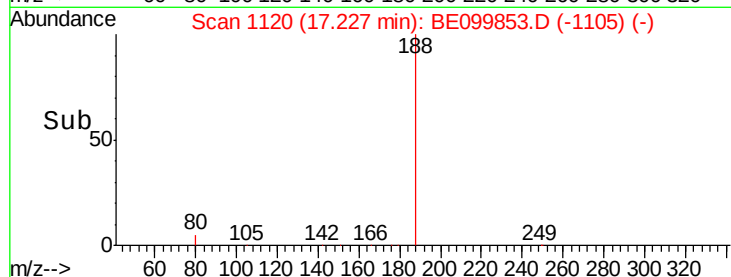
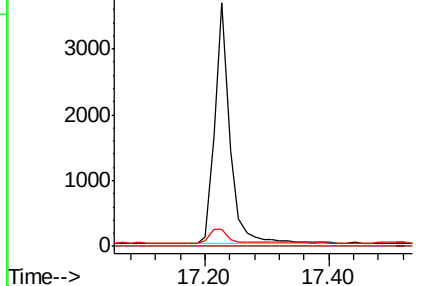
mohammad
6/14/2019 8:43:27 AM



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: 0.393 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099853.D

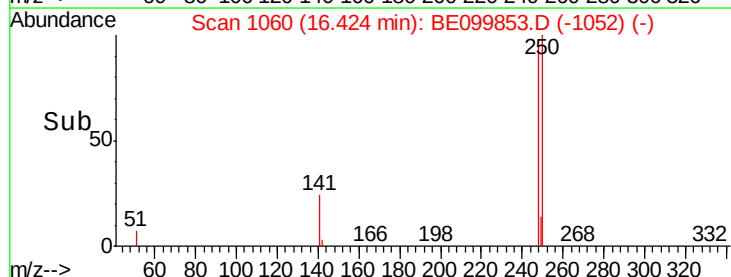
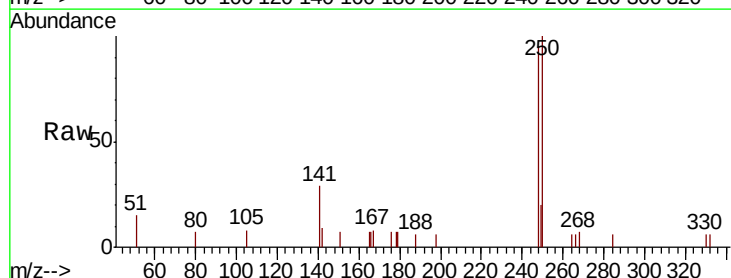
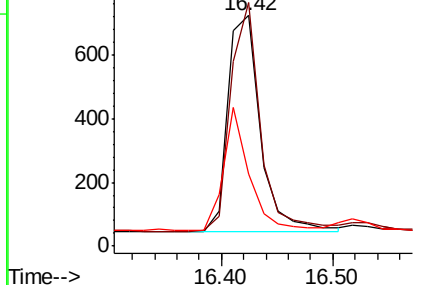
Acq: 7 Jun 2019 15:25

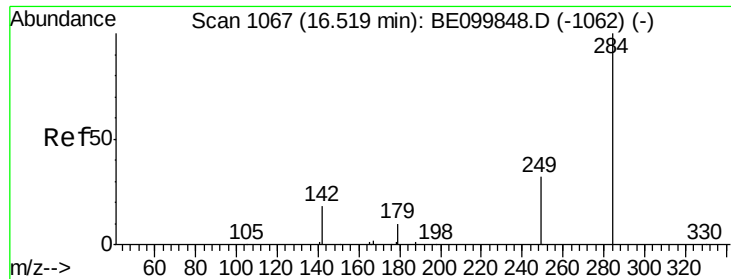
Tgt Ion:	248	Resp:	1391
Ion Ratio	Lower	Upper	
248	100		
250	105.7	73.7	110.5
141	31.1	40.9	61.3#

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: 0.390 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

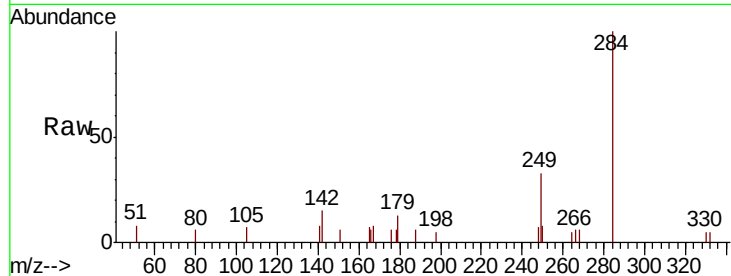
ClientSampleId :

ICVBE060719

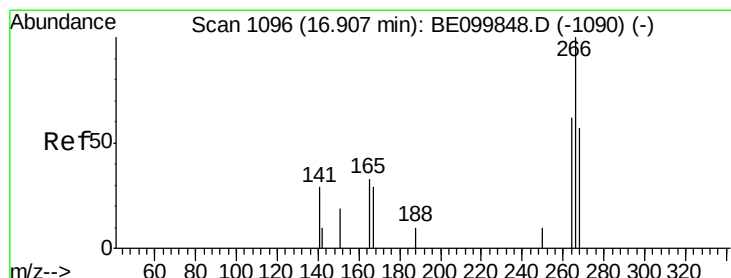
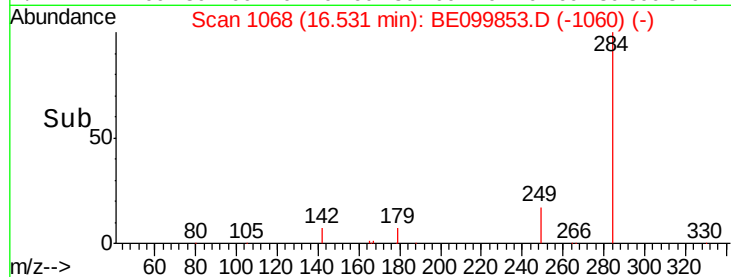
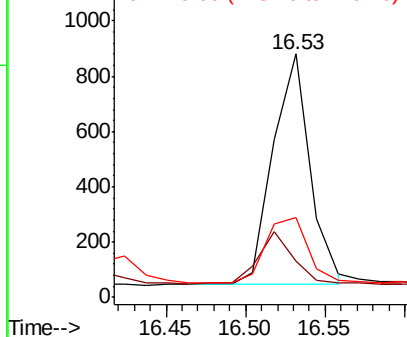
Tot Ion:	284	Resp:	1345
Ion Ratio	Lower	Upper	
284	100		
142	21.0	16.2	24.4
249	32.3	23.1	34.7

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM



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



#22

Pentachlorophenol

Concen: 0.518 ng

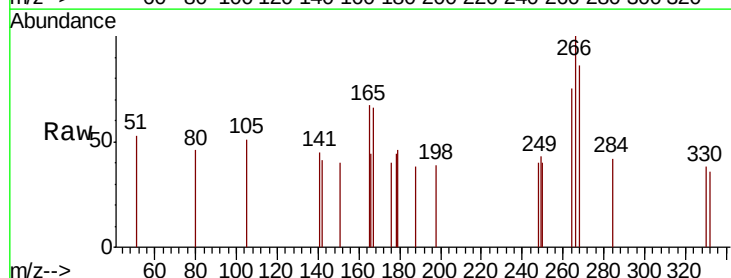
RT: 16.91 min Scan# 1096

Delta R.T. -0.01 min

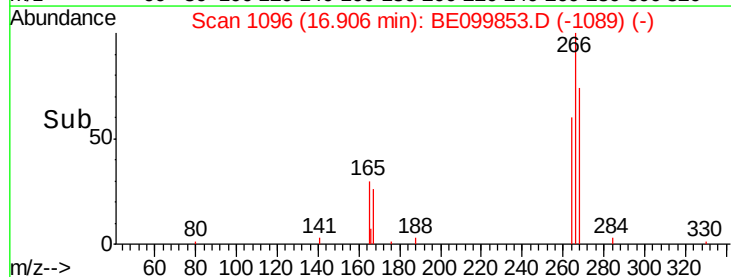
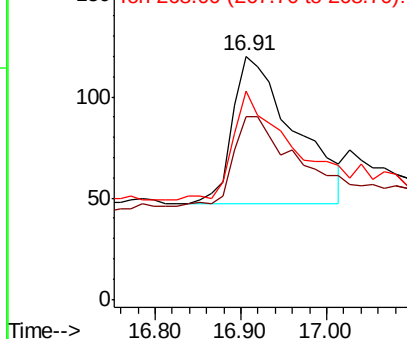
Lab File: BE099853.D

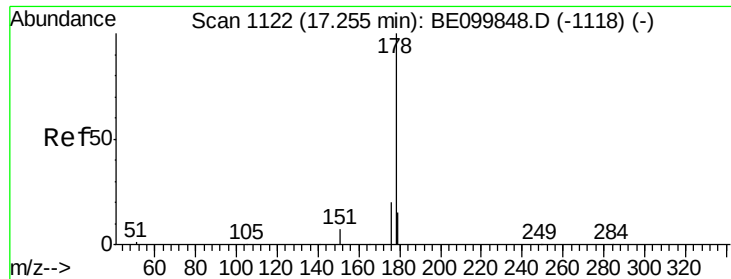
Acq: 7 Jun 2019 15:25

Tgt Ion:	266	Resp:	365
Ion Ratio	Lower	Upper	
266	100		
264	75.0	64.9	97.3
268	85.8	64.0	96.0



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





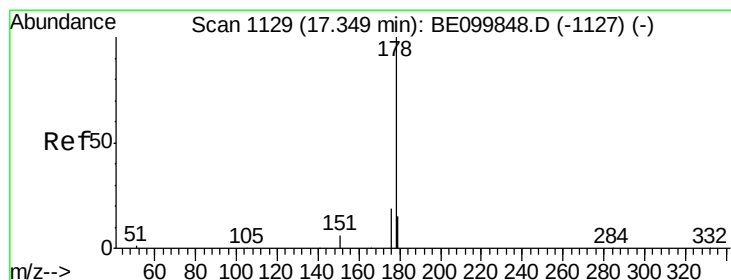
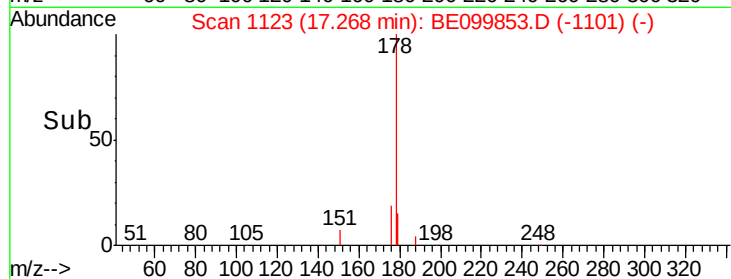
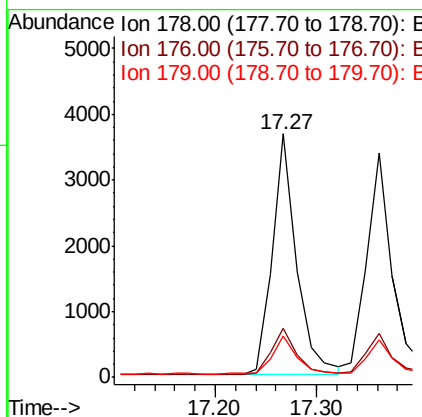
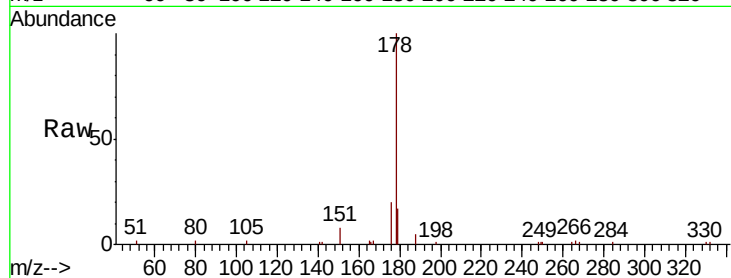
#23
Phenanthrene
Concen: 0.391 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.3	12.5	18.7

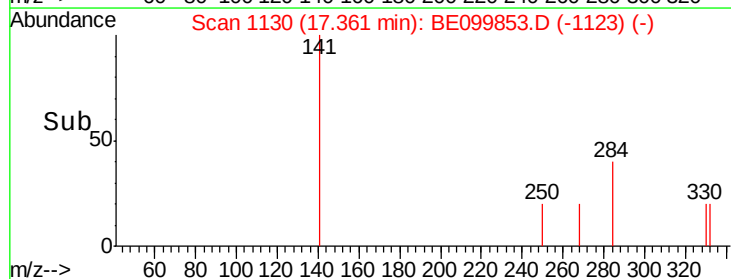
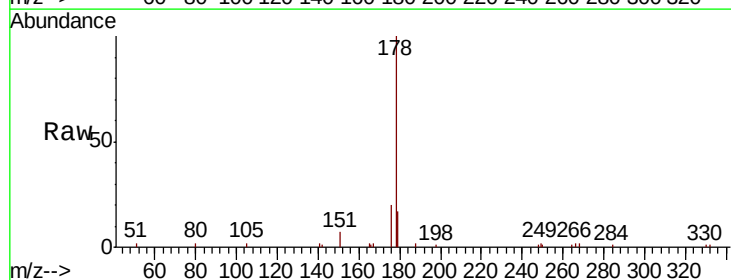
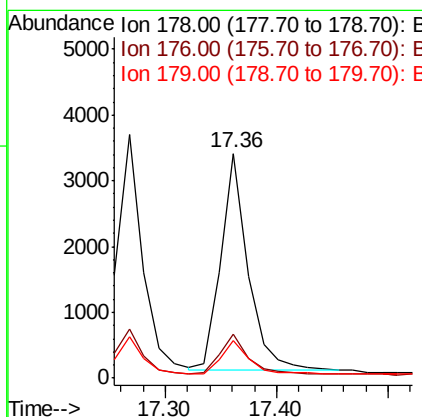
Manual Integrations
APPROVED

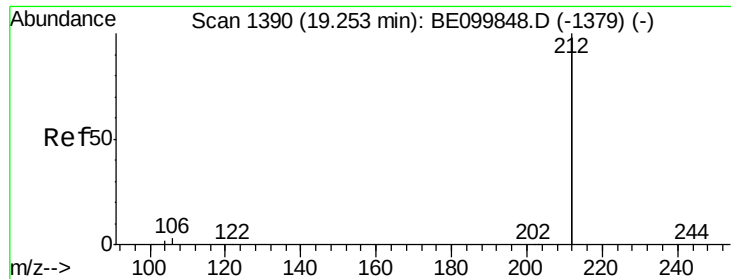
mohammad
6/14/2019 8:43:27 AM



#24
Anthracene
Concen: 0.381 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.7	12.1	18.1





#25

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

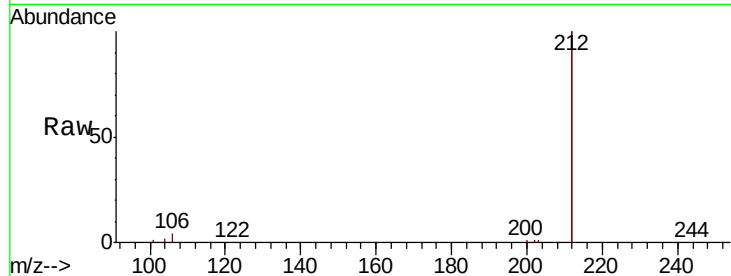
ClientSampleId :

ICVBE060719

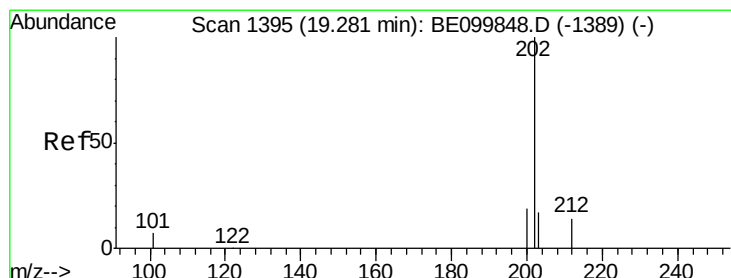
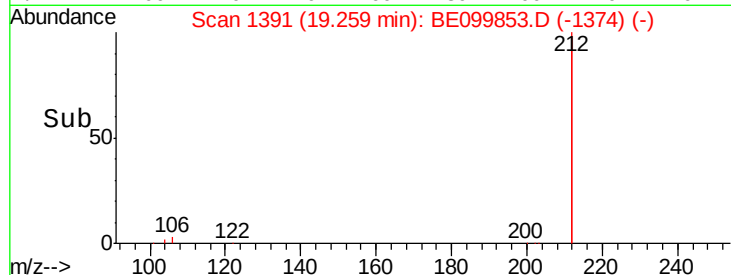
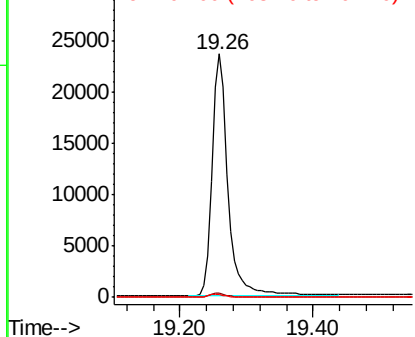
Tot Ion:	212	Resp:	38246
Ion Ratio	Lower	Upper	
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.400 ng

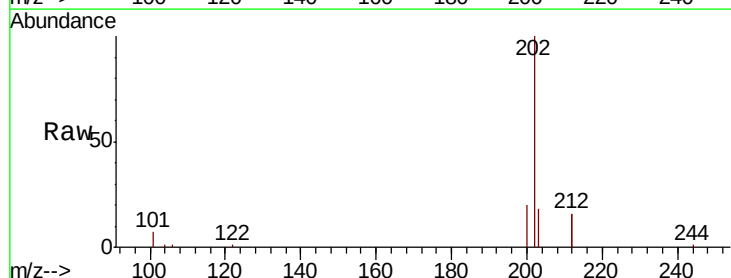
RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

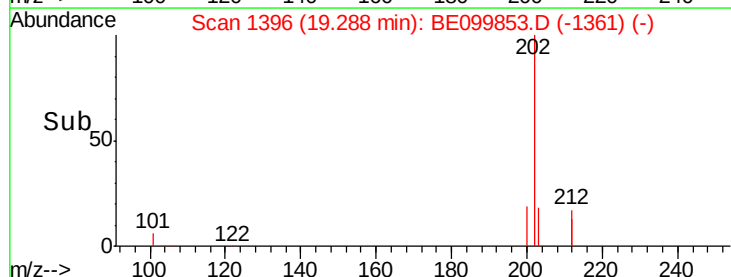
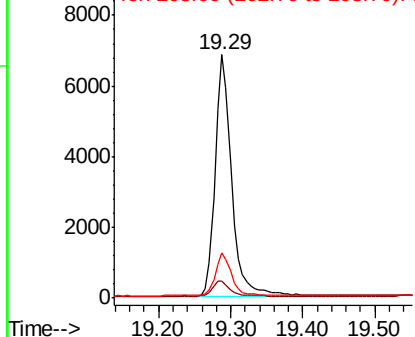
Lab File: BE099853.D

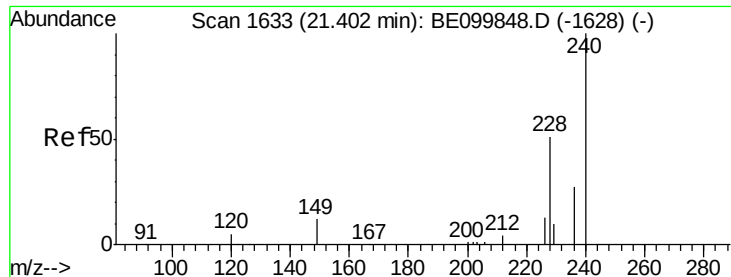
Acq: 7 Jun 2019 15:25

Tgt Ion:	202	Resp:	10823
Ion Ratio	Lower	Upper	
202	100		
101	6.4	5.2	7.8
203	17.1	13.6	20.4



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





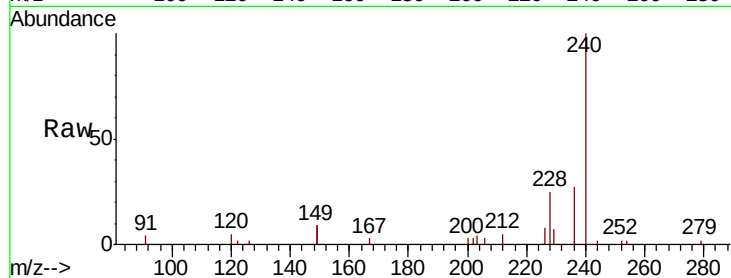
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.5	2.8	4.2#
236	27.2	20.9	31.3

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM

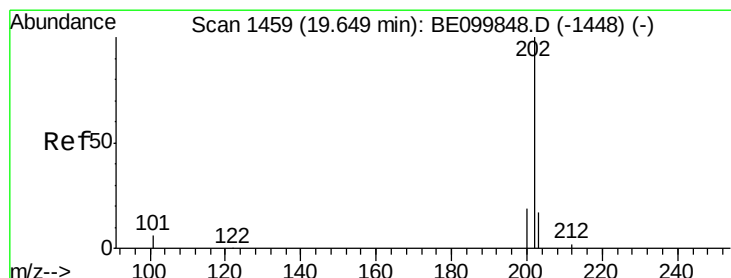
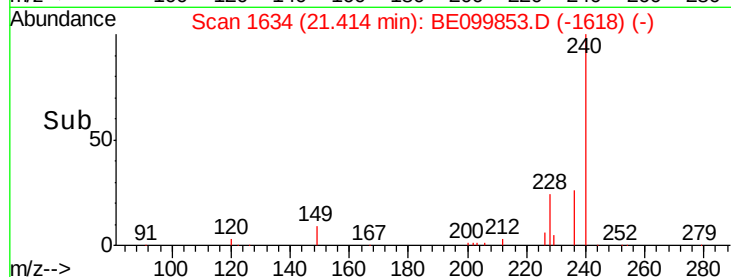
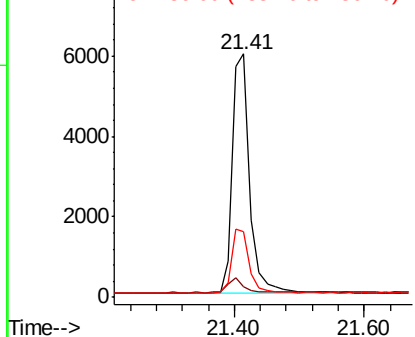


Abundance

Ion 240.00 (239.70 to 240.70): E

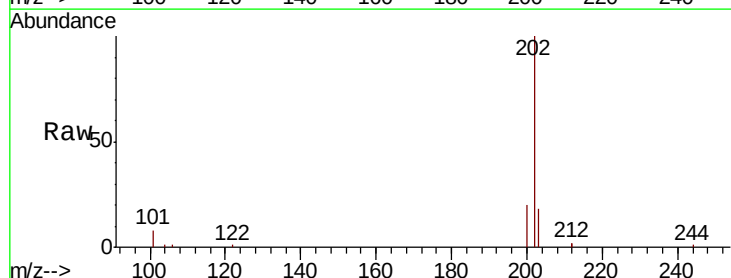
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.384 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.8	14.1	21.1

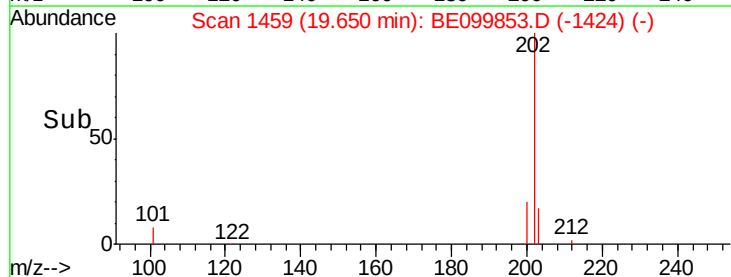
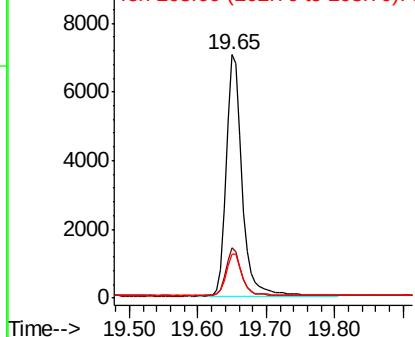


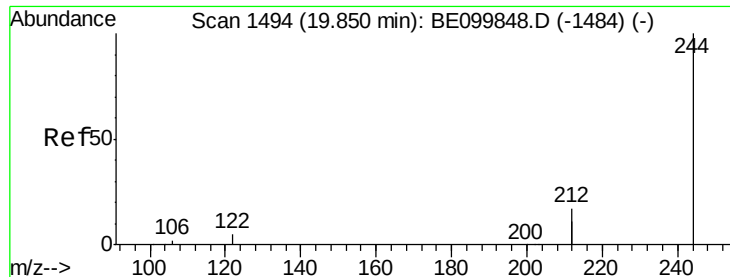
Abundance

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: 0.378 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

Tot Ion:244 Resp: 7998

Ion Ratio Lower Upper

244 100

212 30.1 23.7 35.5

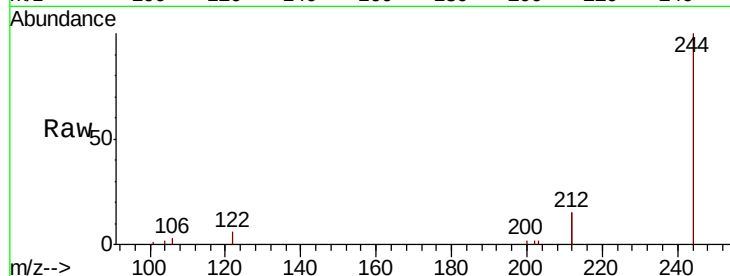
122 6.1 4.8 7.2

Manual Integrations

APPROVED

mohammad

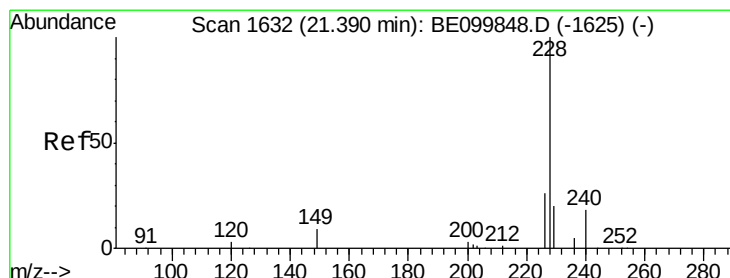
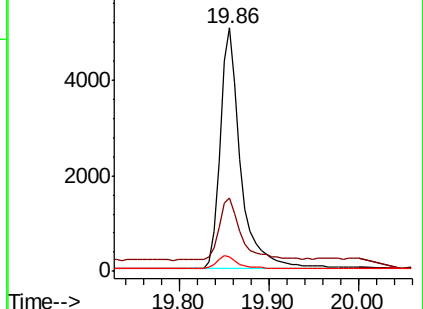
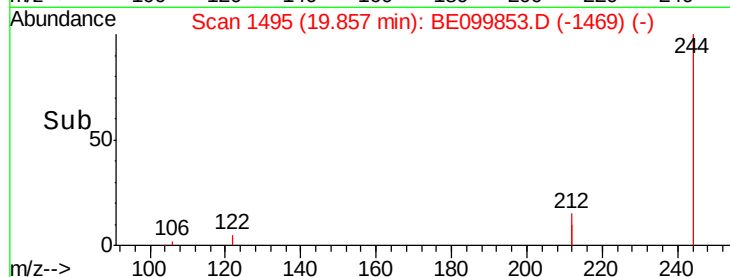
6/14/2019 8:43:27 AM



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: 0.411 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

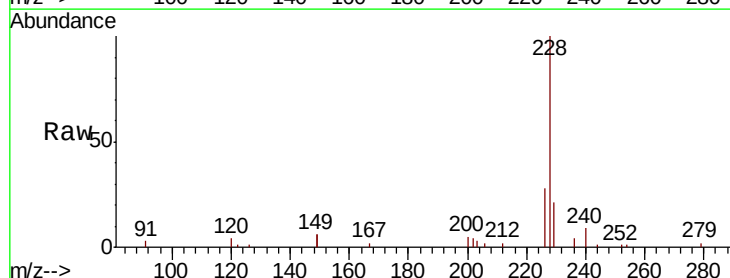
Tgt Ion:228 Resp: 14849

Ion Ratio Lower Upper

228 100

226 27.8 21.6 32.4

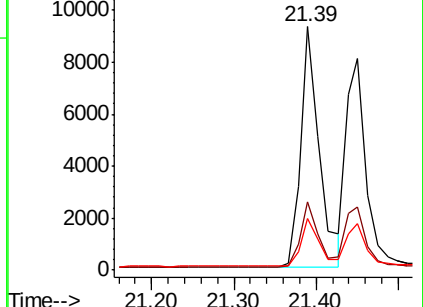
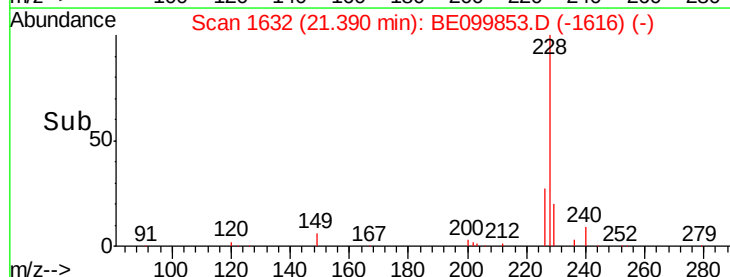
229 21.2 15.8 23.6

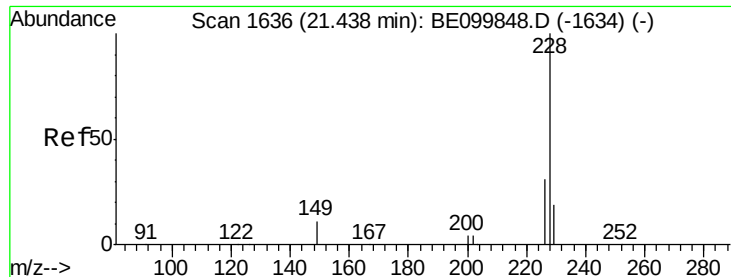


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.381 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Instrument :

BNA_E

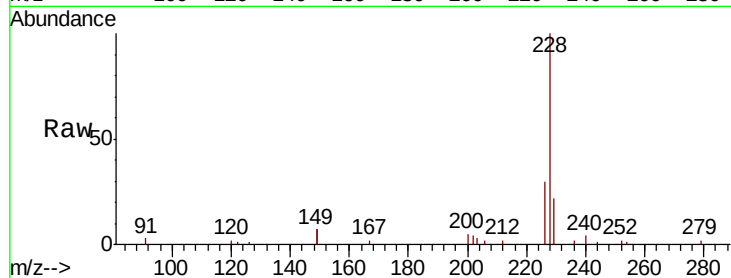
ClientSampleId :

ICVBE060719

Tot Ion:	228	Resp:	13489
Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	22.1	16.4	24.6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM

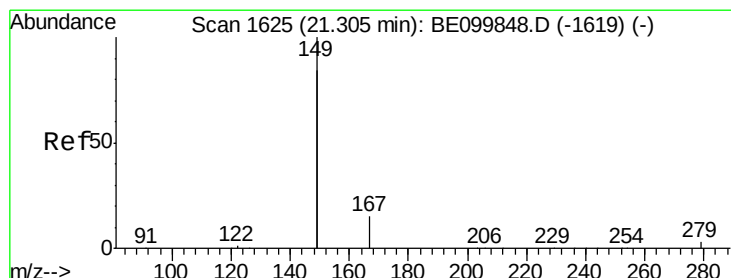
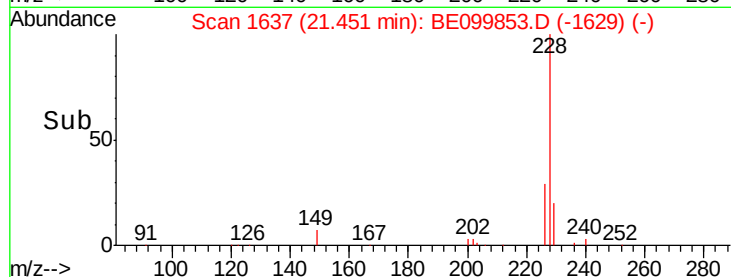
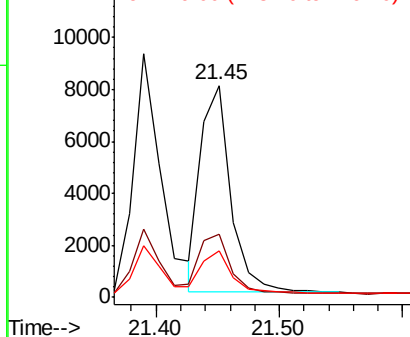


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.409 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

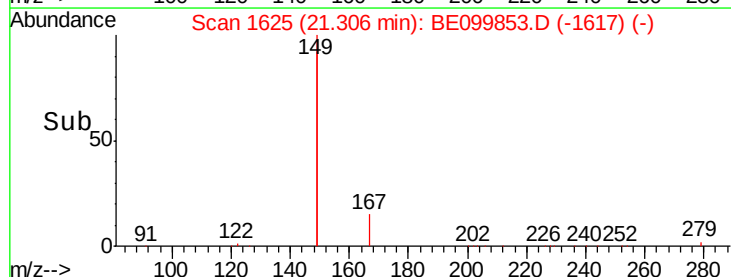
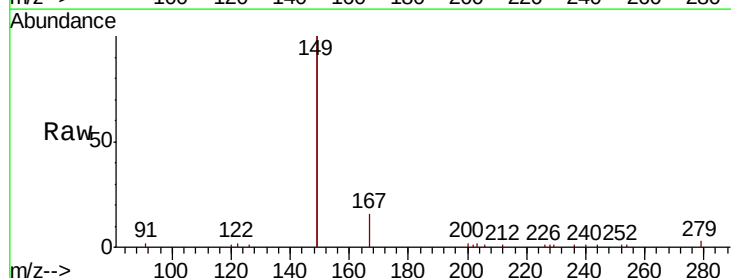
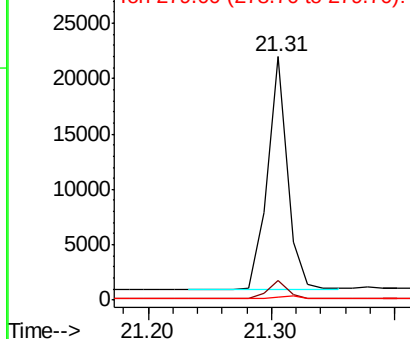
Tgt Ion:	149	Resp:	24062
Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.0	9.0
279	1.5	1.2	1.8

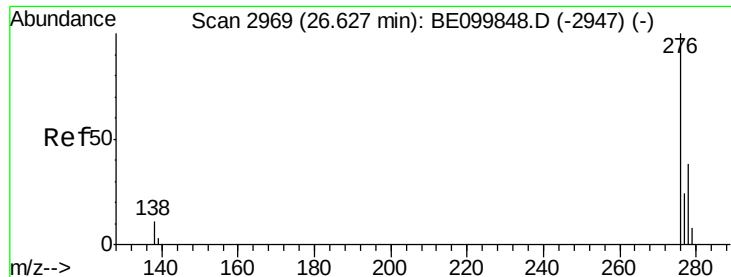
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





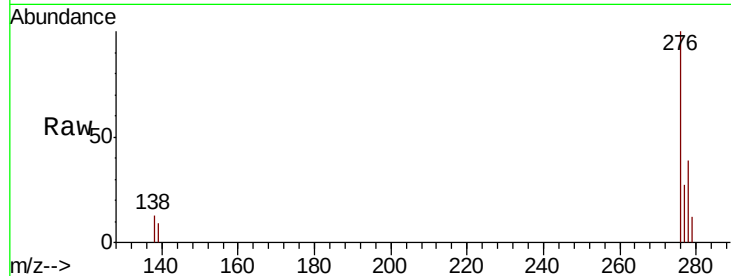
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.8	10.3	15.5
277	24.0	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM

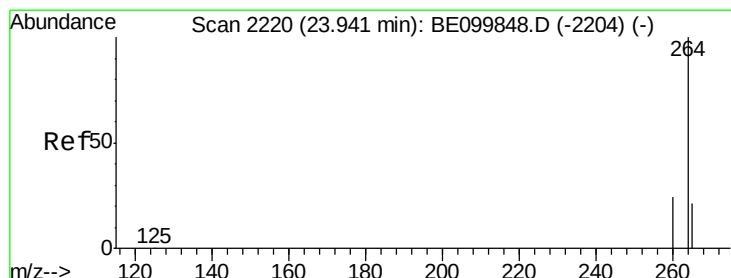
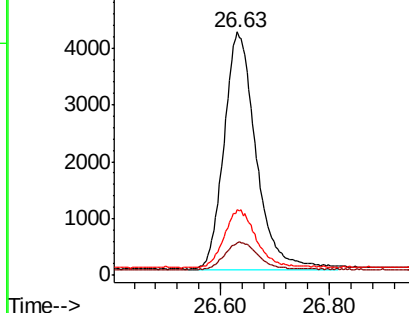
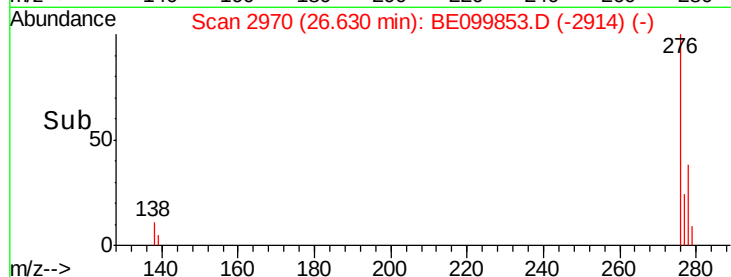


Abundance

Ion 276.00 (275.70 to 276.70): E

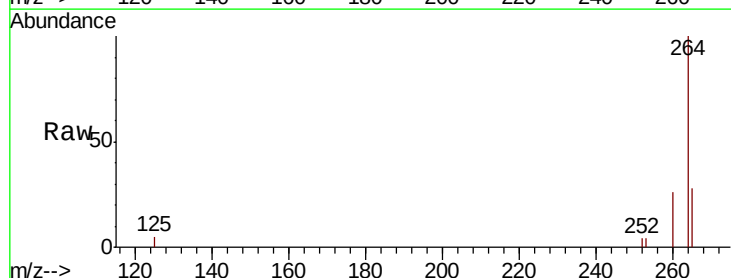
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.0	30.0
265	28.4	20.7	31.1

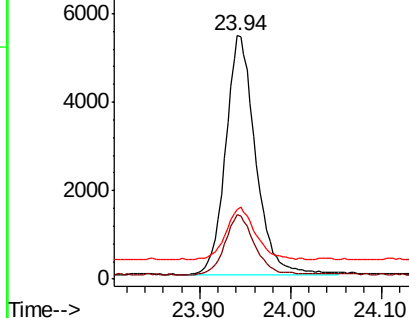
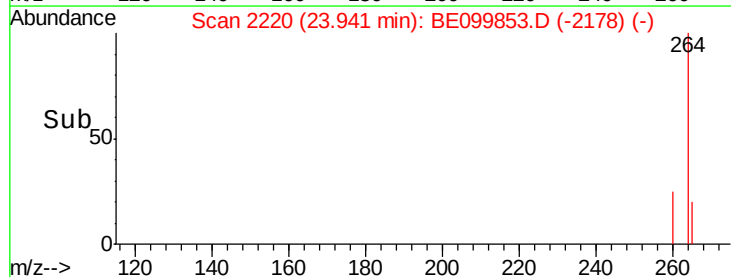


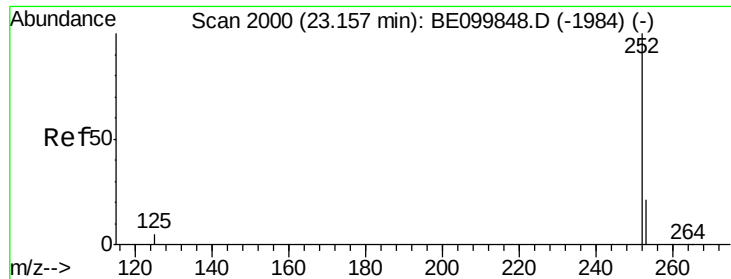
Abundance

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





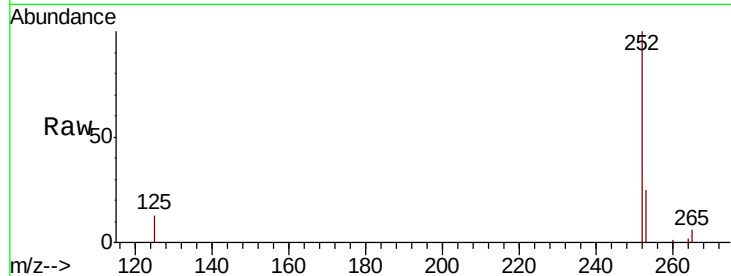
#35
Benzo(b)fluoranthene
Concen: 0.418 ng m
RT: 23.16 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

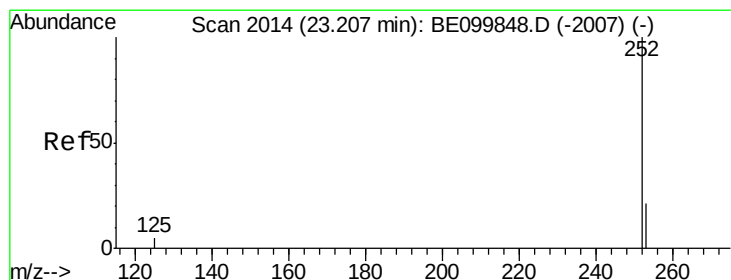
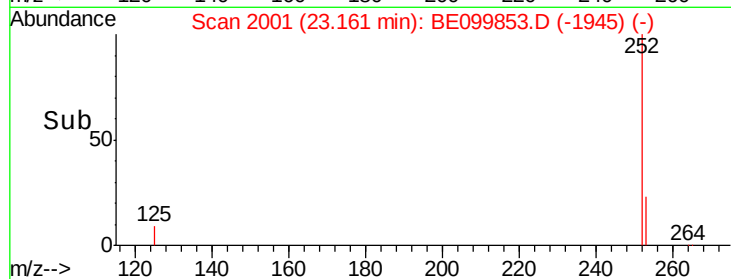
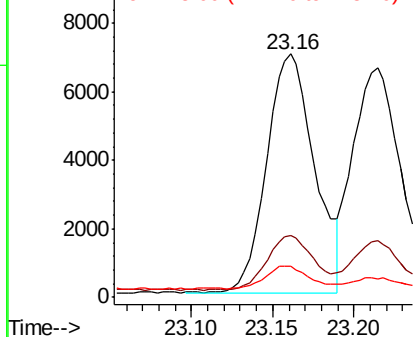
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.9	28.3
125	12.7	7.6	11.4

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM



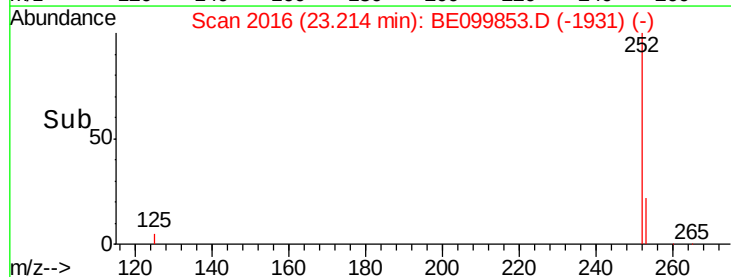
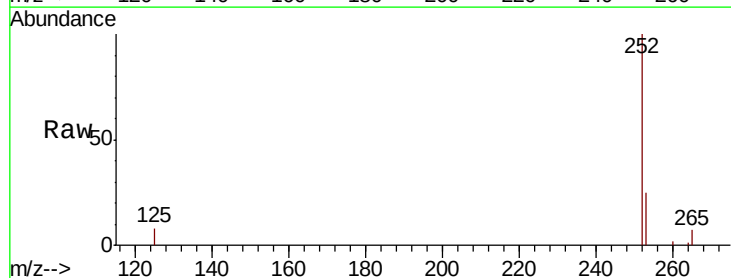
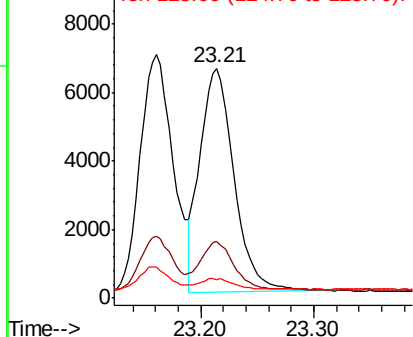
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

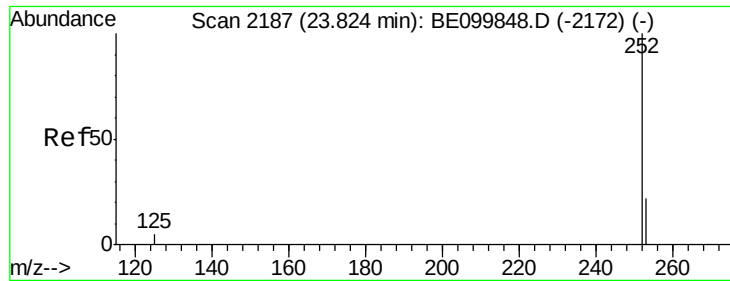


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	8.1	4.6	7.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





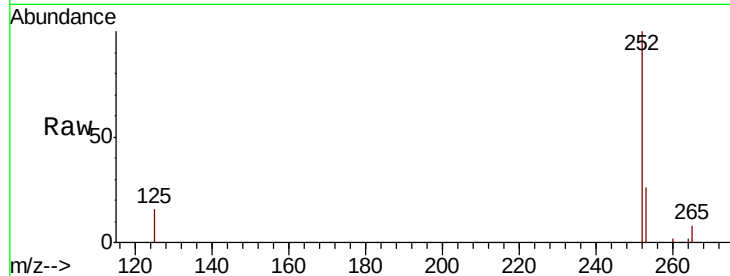
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.3	28.9
125	15.7	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM

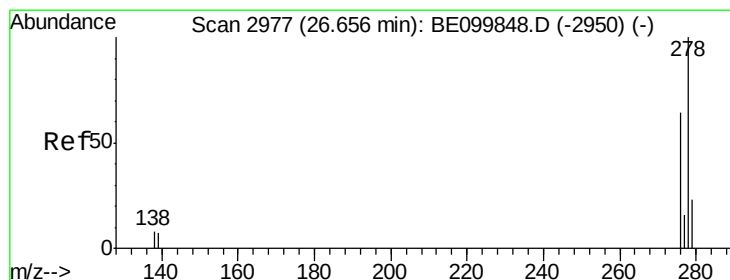
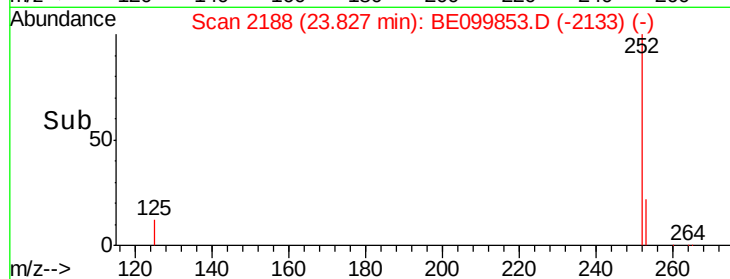
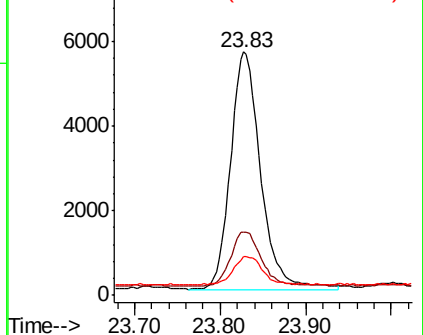


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.402 ng
RT: 26.66 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

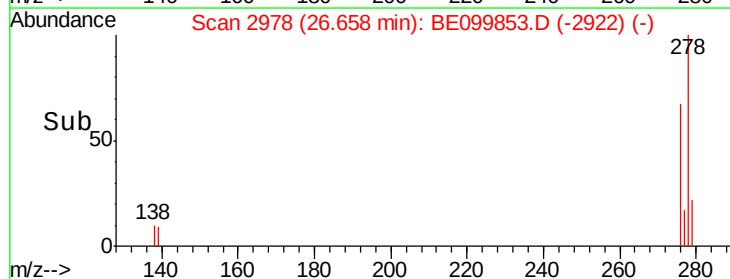
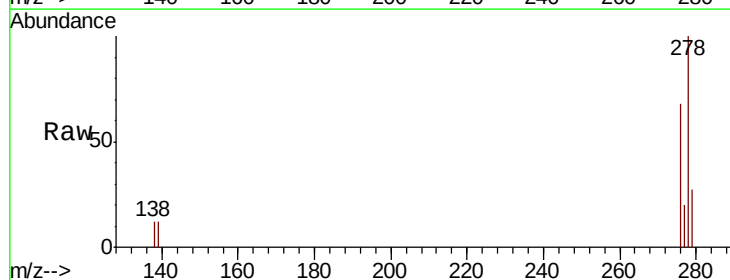
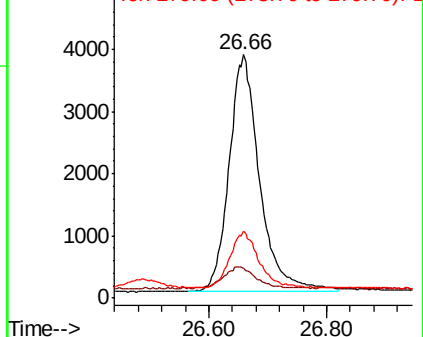
Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	7.9	11.9
279	27.3	18.5	27.7

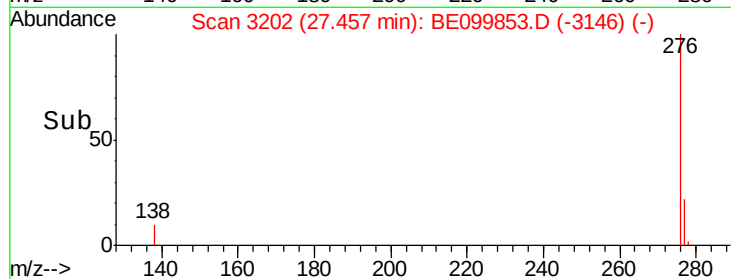
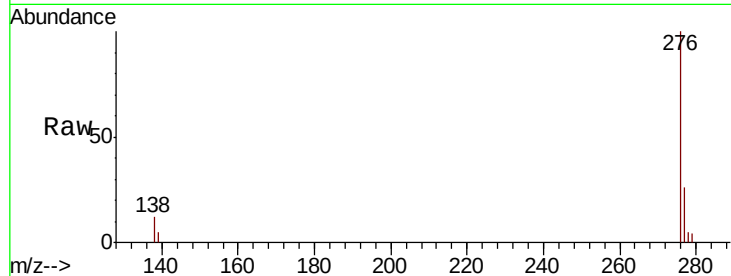
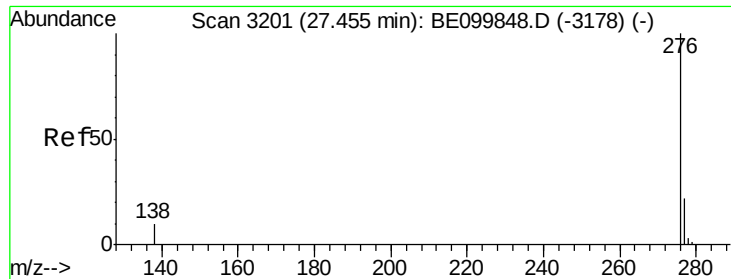
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.404 ng

RT: 27.46 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BE099853.D

Acq: 7 Jun 2019 15:25

Tot Ion:	276	Resp:	13991
Ion Ratio	Lower	Upper	
276	100		
277	25.7	19.6	29.4
138	12.3	9.0	13.4

Instrument :

BNA_E

ClientSampleId :

ICVBE060719

Manual Integrations
APPROVED

mohammad
6/14/2019 8:43:27 AM

