

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099665.D
 Acq On : 20 May 2019 14:50
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Manual Integrations
 APPROVED

mohammad
 5/21/2019 3:26:08 PM

Quant Time: May 20 19:31:46 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 15:39:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1663	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5965	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4213	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12394	0.40	ng	0.00
27) Chrysene-d12	21.41	240	20849	0.40	ng	0.00
34) Perylene-d12	23.96	264	21729	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	23121	4.90	ng	0.00
5) Phenol-d6	6.97	99	31767	5.31	ng	0.00
8) Nitrobenzene-d5	8.97	82	30828	5.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	54678	5.45	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	16609	5.76	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	82814	5.10	ng	0.00
25) Fluoranthene-d10	19.26	212	924831	5.61	ng	0.00
29) Terphenyl-d14	19.86	244	196419	5.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	11630	4.742	ng	94
3) n-Nitrosodimethylamine	3.61	42	7730m	4.943	ng	
6) bis(2-Chloroethyl)ether	7.23	93	26277	5.220	ng	98
9) Naphthalene	10.67	128	331574	5.224	ng	99
10) Hexachlorobutadiene	10.94	225	24185	5.208	ng	97
12) 2-Methylnaphthalene	12.30	142	56565	5.396	ng	97
16) Acenaphthylene	14.20	152	108303	5.444	ng	99
17) Acenaphthene	14.54	154	59598	5.307	ng	99
18) Fluorene	15.53	166	88241	5.478	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	40202	5.626	ng	# 90
21) Hexachlorobenzene	16.53	284	39863	5.678	ng	99
22) Pentachlorophenol	16.88	266	17893	6.389	ng	88
23) Phenanthrene	17.27	178	161011	5.233	ng	100
24) Anthracene	17.36	178	162937	5.741	ng	99
26) Fluoranthene	19.29	202	260959	5.607	ng	99
28) Pyrene	19.65	202	267052	5.025	ng	100
30) Benzo(a)anthracene	21.40	228	318226	5.051	ng	99
31) Chrysene	21.45	228	319381	4.922	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	384424	3.956	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	402398	4.982	ng	99
35) Benzo(b)fluoranthene	23.17	252	318140	5.237	ng	99
36) Benzo(k)fluoranthene	23.22	252	326779	5.446	ng	99
37) Benzo(a)pyrene	23.84	252	307464	5.225	ng	97
38) Dibenzo(a,h)anthracene	26.68	278	334169	5.476	ng	99
39) Benzo(g,h,i)perylene	27.48	276	328938	5.360	ng	98

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

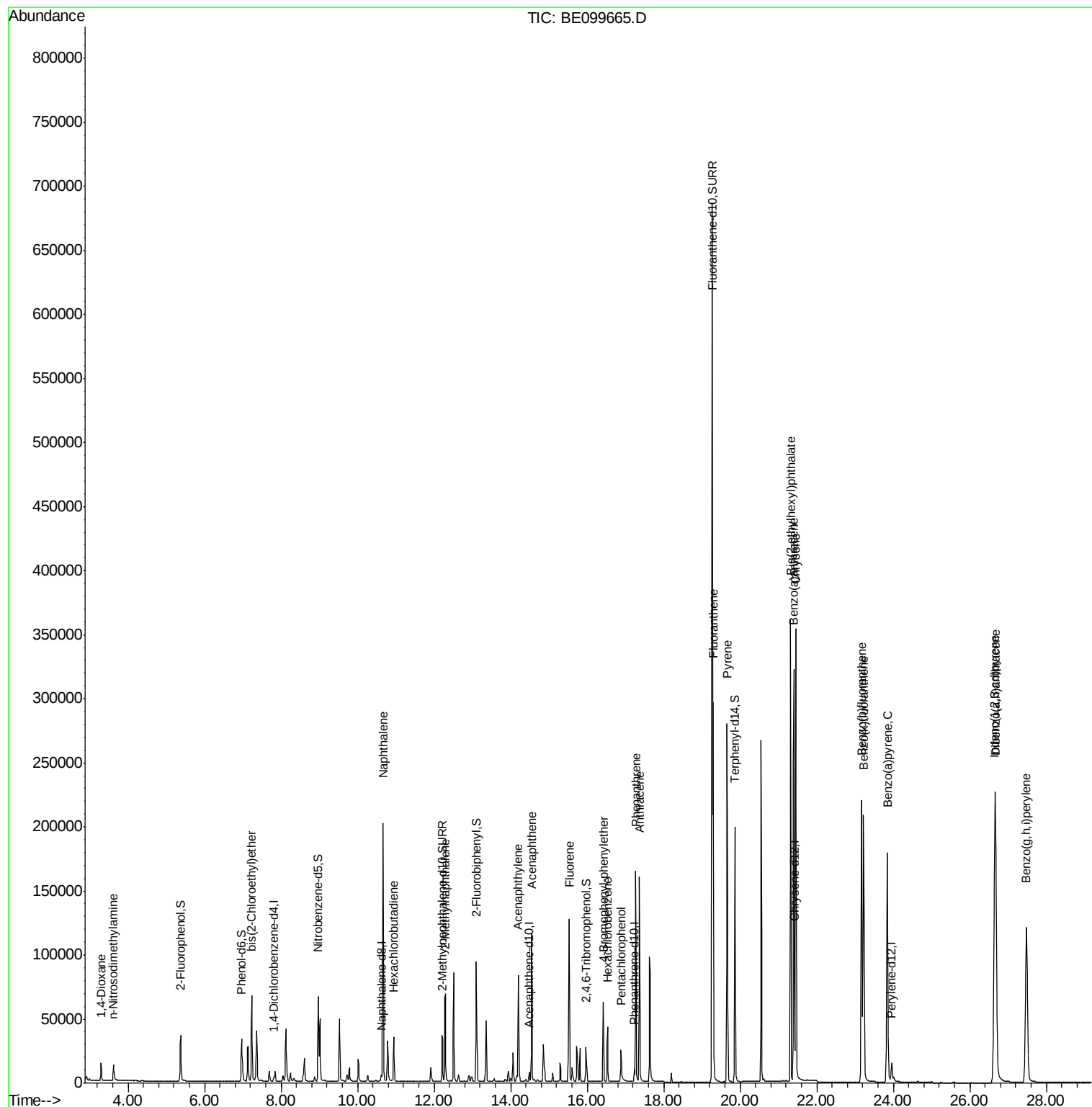
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099665.D
Acq On : 20 May 2019 14:50
Operator : JU/SJ
Sample : SSTDIC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
SSTDICC5.0

Quant Time: May 20 19:31:46 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 15:39:28 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM





#1

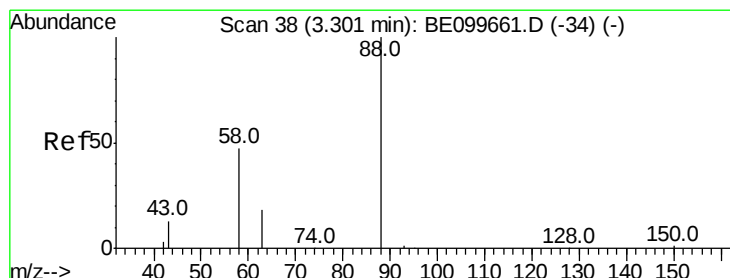
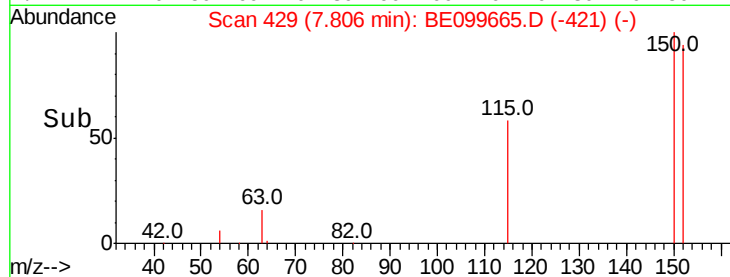
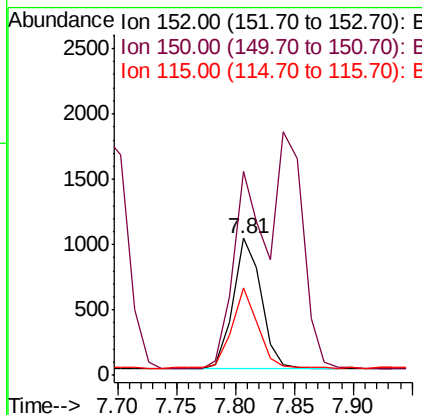
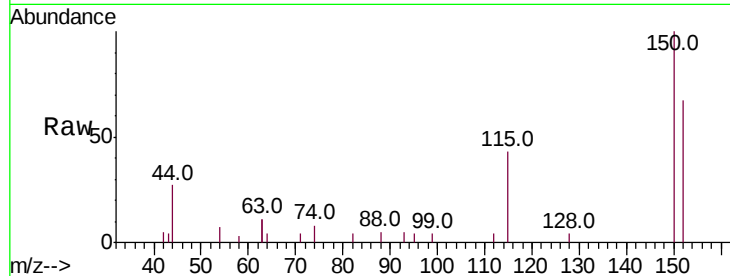
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	109.2	163.8
115	63.8	43.7	65.5

Manual Integrations
APPROVED

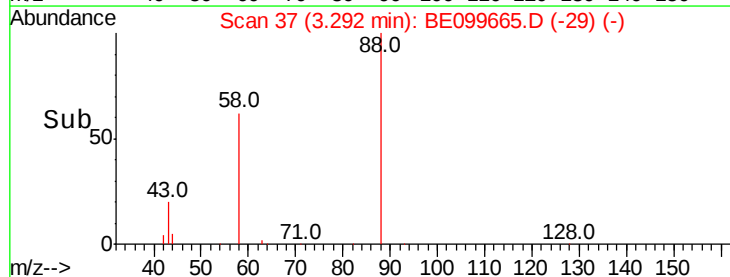
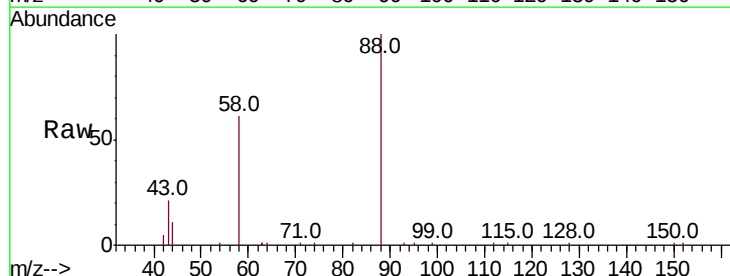
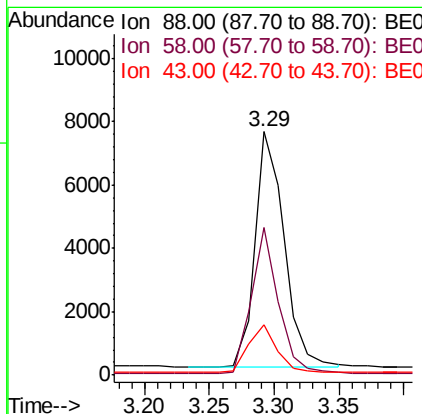
mohammad
5/21/2019 3:26:08 PM



#2

1,4-Dioxane
Concen: 4.742 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.5	41.8	62.8
43	19.8	15.0	22.4





#3

n-Nitrosodimethylamine

Concen: 4.943 ng/ml

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

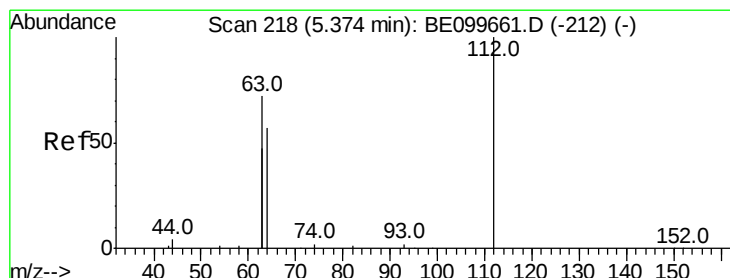
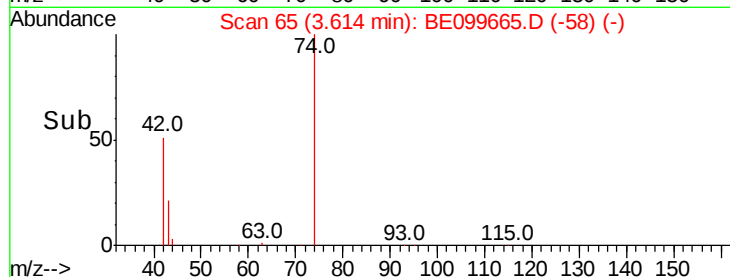
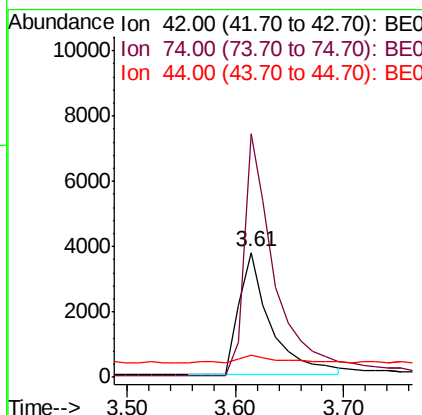
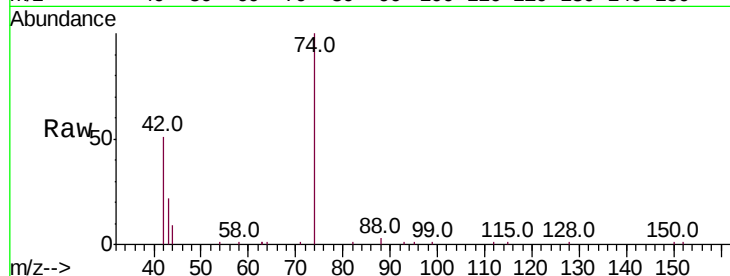
ClientSampleId :

SSTDICC5.0

Tot Ion:	42	Resp:	7730
Ion	Ratio	Lower	Upper
42	100		
74	183.1	128.4	192.6
44	5.9	0.0	0.0#

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM



#4

2-Fluorophenol

Concen: 4.898 ng/ml

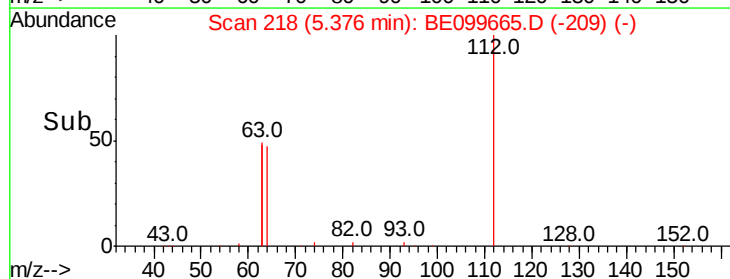
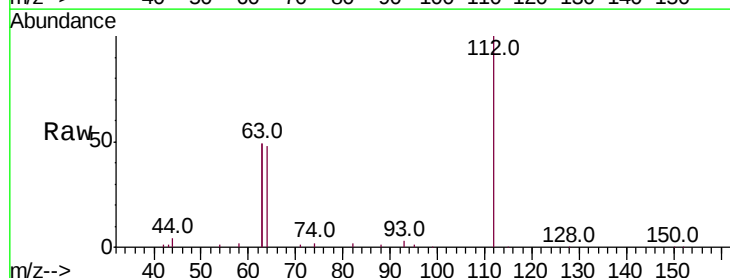
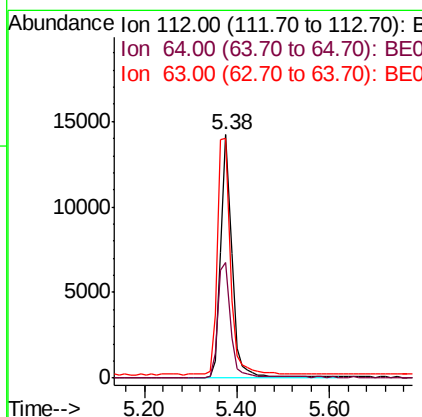
RT: 5.38 min Scan# 218

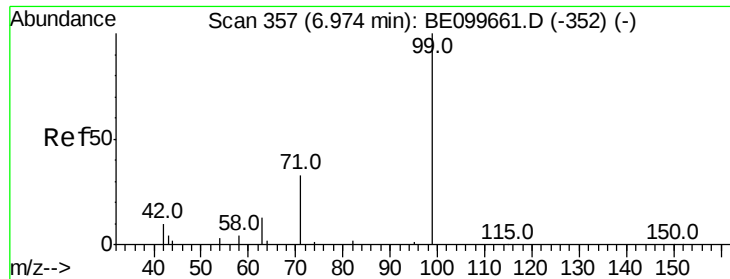
Delta R.T. 0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Tgt Ion:	112	Resp:	23121
Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.4	65.2
63	115.1	96.9	145.3





#5

Phenol-d6

Concen: 5.308 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

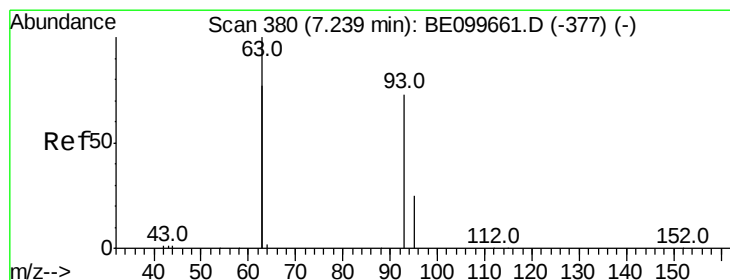
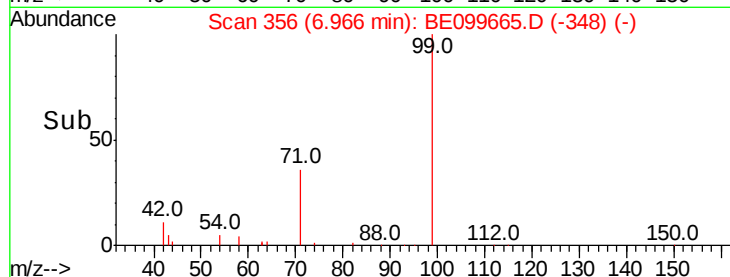
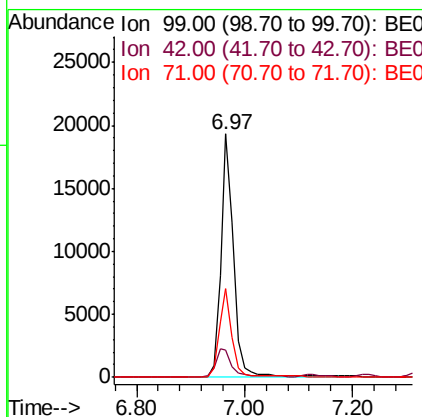
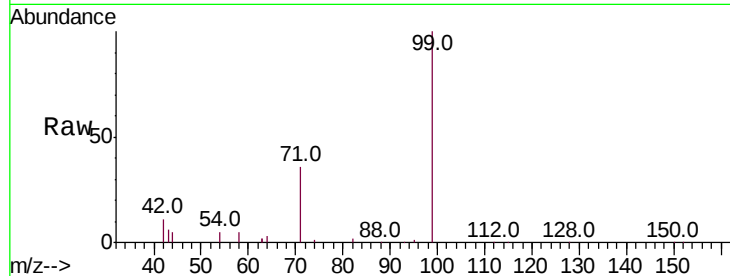
ClientSampleId :

SSTDICC5.0

Tot Ion:	99	Resp:	31767
Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.2	18.2
71	36.6	28.9	43.3

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM



#6

bis(2-Chloroethyl)ether

Concen: 5.220 ng

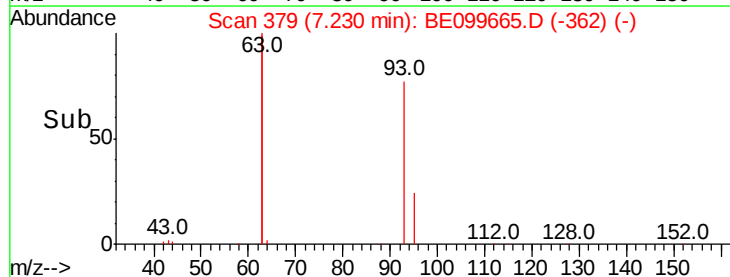
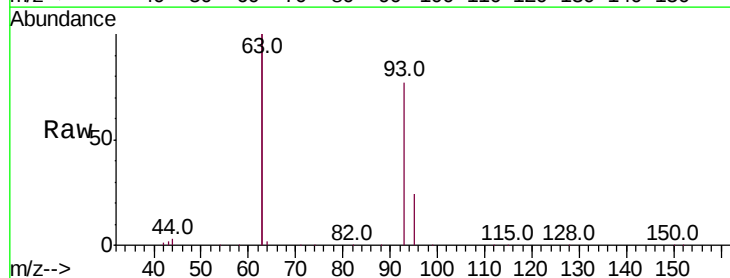
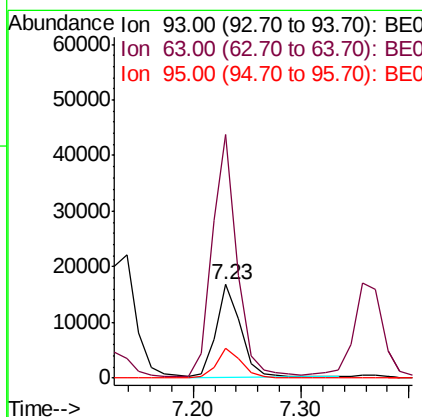
RT: 7.23 min Scan# 379

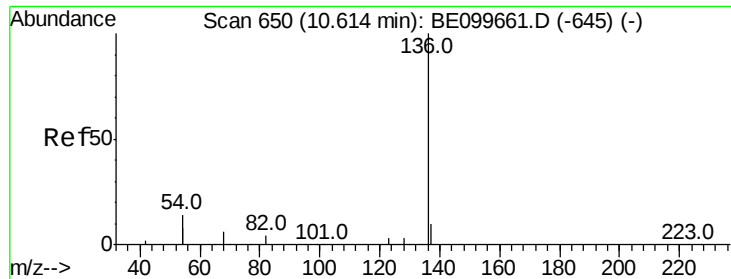
Delta R.T. -0.01 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Tgt Ion:	93	Resp:	26277
Ion	Ratio	Lower	Upper
93	100		
63	263.7	207.8	311.6
95	32.2	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

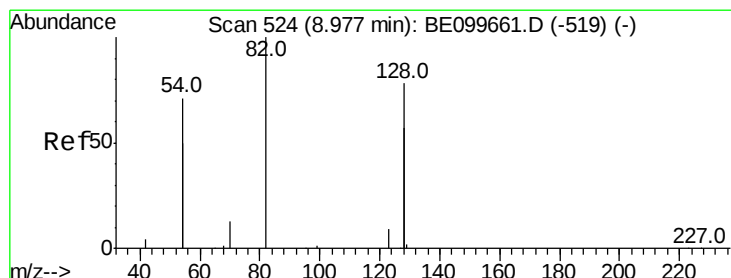
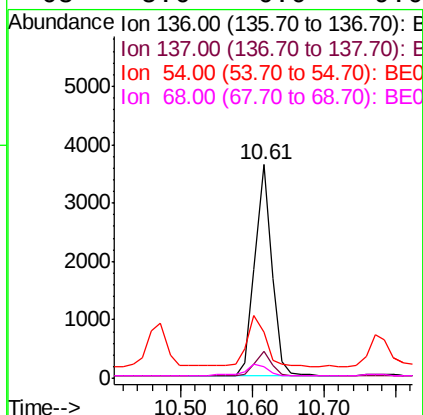
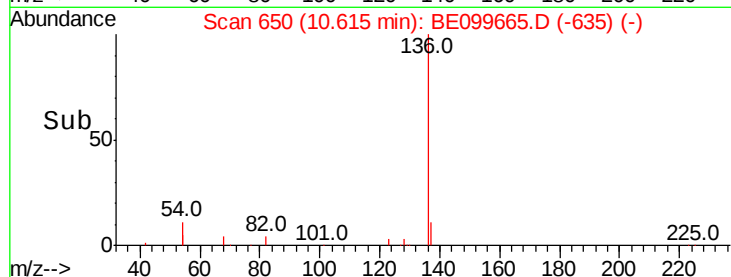
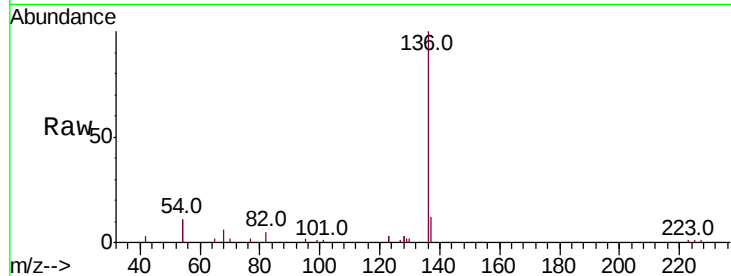
ClientSampleId :

SSTDICC5.0

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.4	9.0	13.6	
54	21.3	22.3	33.5	
68	5.6	6.0	9.0	

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM



#8

Nitrobenzene-d5

Concen: 5.338 ng

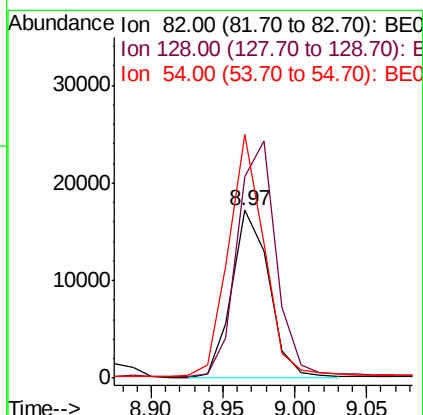
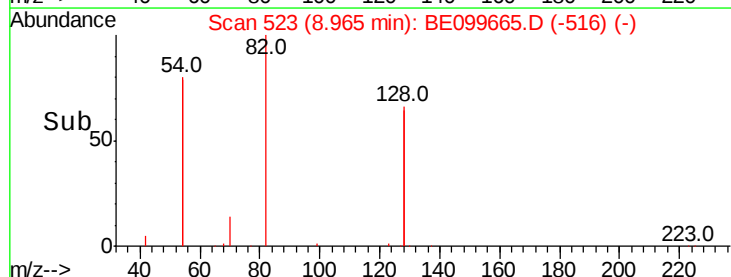
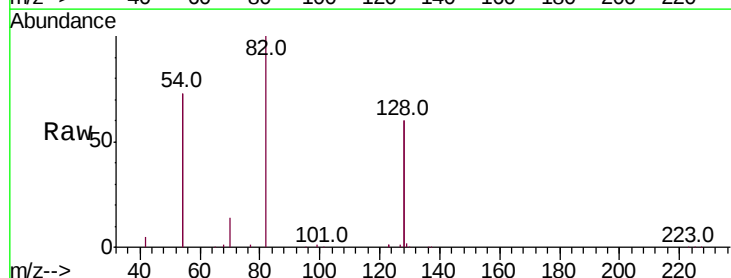
RT: 8.97 min Scan# 523

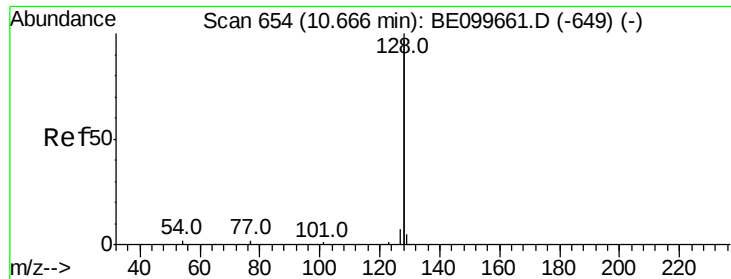
Delta R.T. -0.01 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	120.0	117.7	176.5	
54	145.3	106.6	160.0	





#9

Naphthalene

Concen: 5.224 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

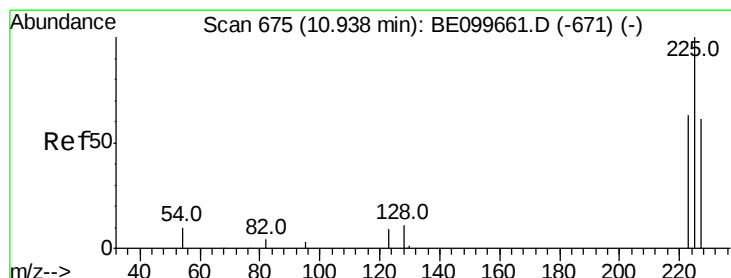
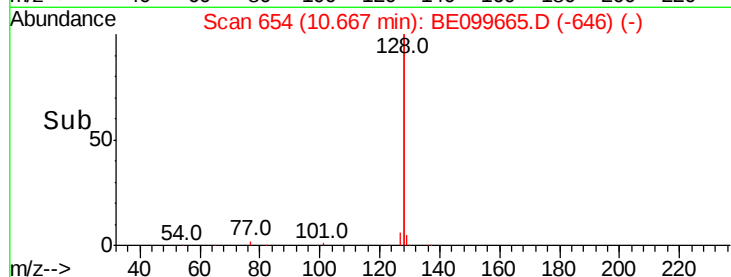
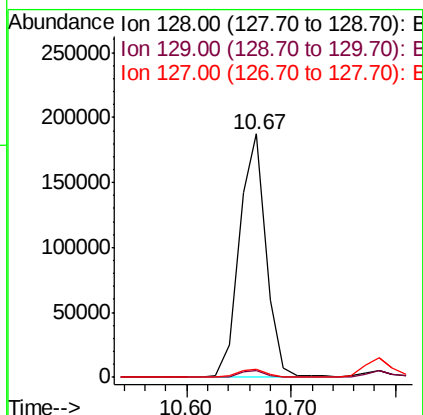
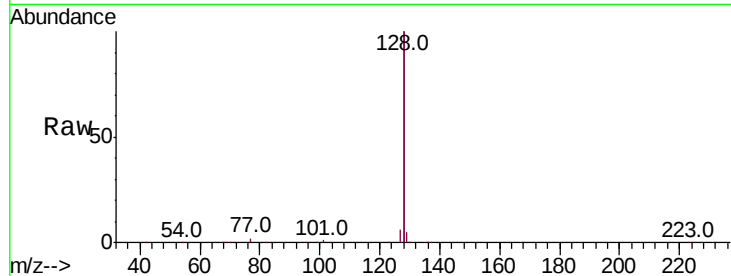
ClientSampleId :

SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.4	3.6
127	3.2	2.9	4.3

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM



#10

Hexachlorobutadiene

Concen: 5.208 ng

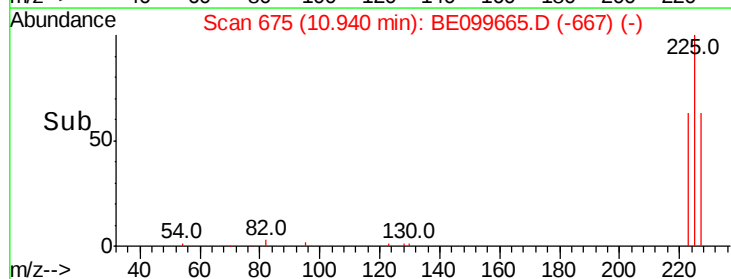
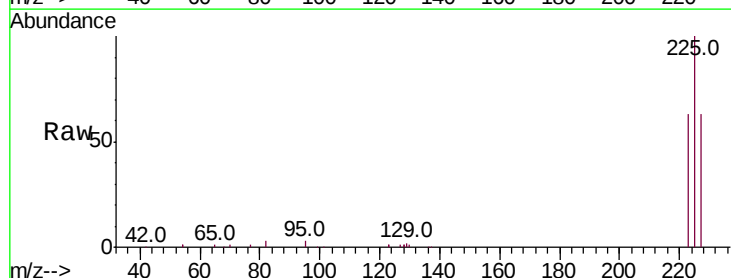
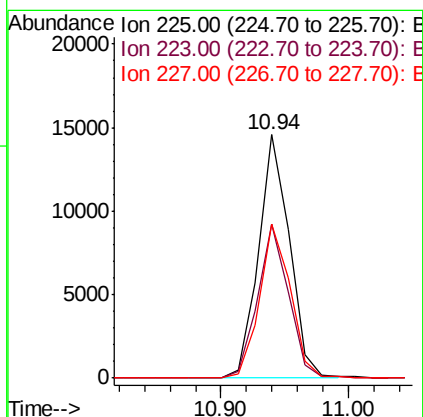
RT: 10.94 min Scan# 675

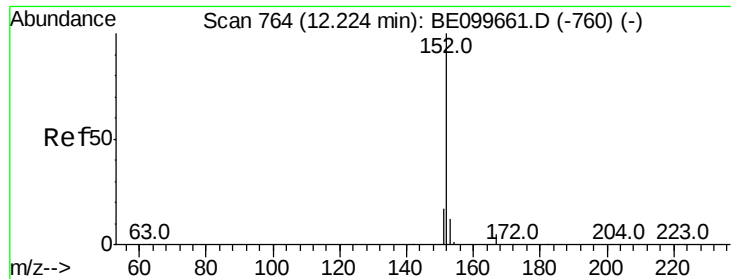
Delta R.T. 0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.8	77.6
227	63.1	52.6	79.0





#11

2-Methylnaphthalene-d10

Concen: 5.450 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:152 Resp: 54678

Ion Ratio Lower Upper

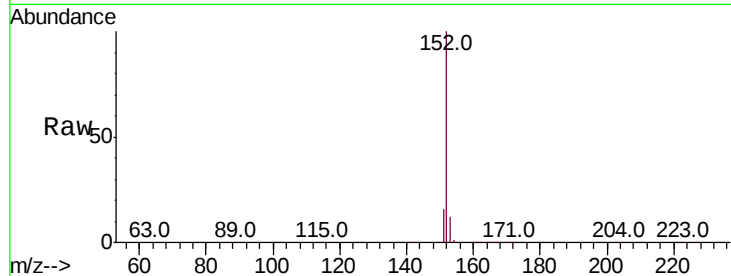
152 100

151 19.0 15.0 22.4

Manual Integrations
APPROVED

mohammad

5/21/2019 3:26:08 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

30000

25000

20000

15000

10000

5000

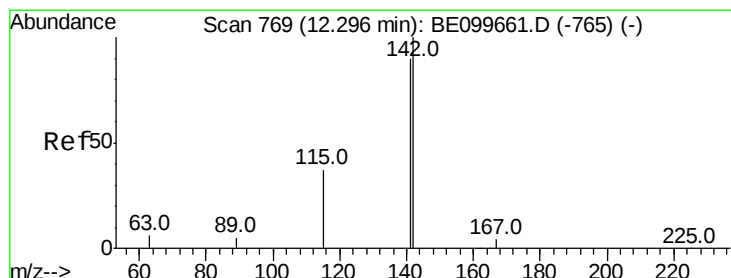
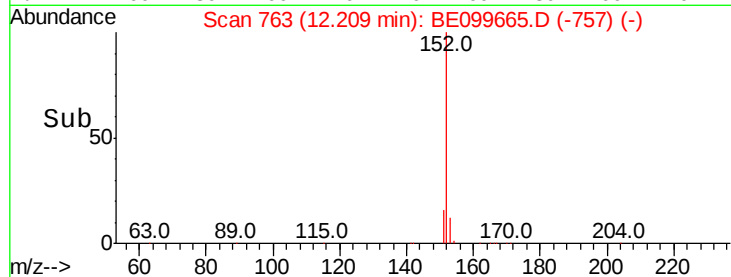
0

12.21

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 5.396 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

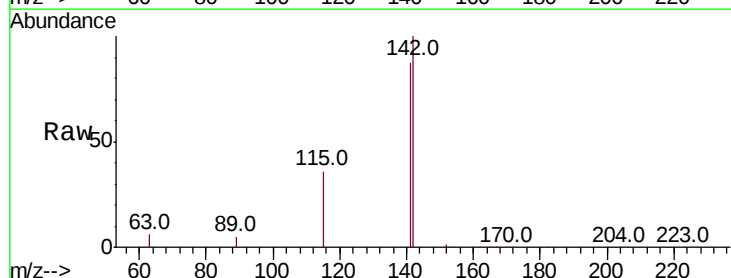
Tgt Ion:142 Resp: 56565

Ion Ratio Lower Upper

142 100

141 87.3 72.0 108.0

115 36.4 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

40000

30000

20000

10000

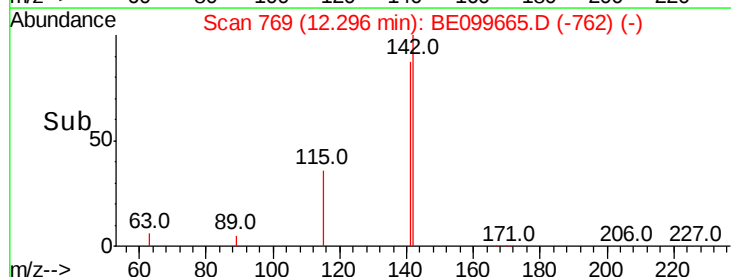
0

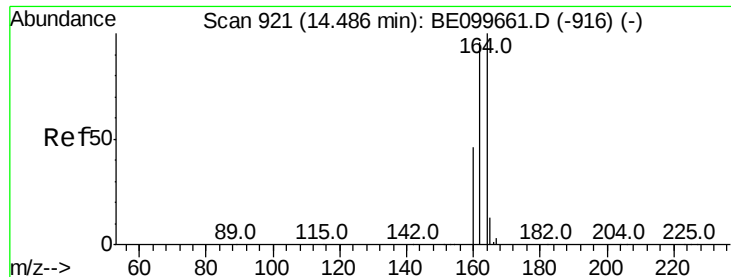
12.30

12.20

12.40

Time-->





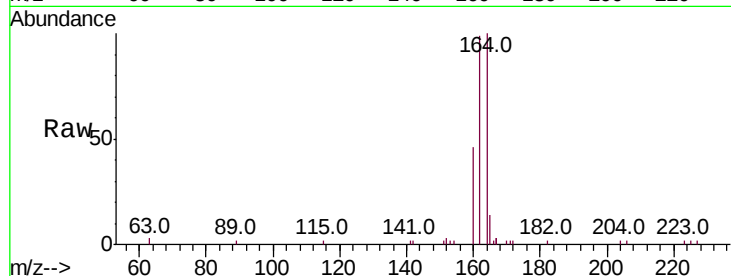
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	76.5	114.7
160	45.5	37.4	56.2

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM

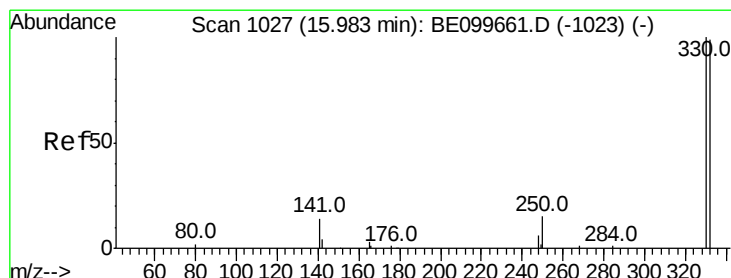
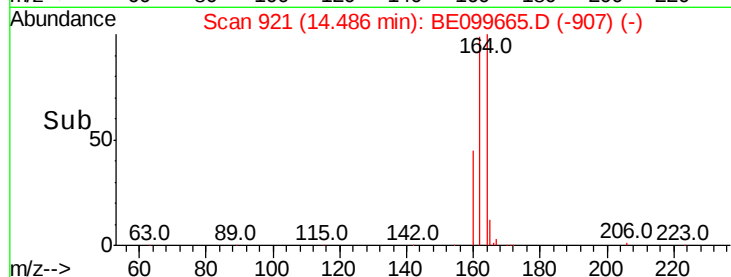
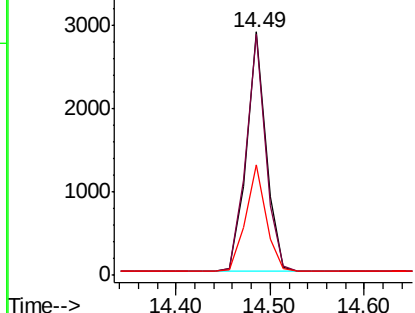


Abundance

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: 5.763 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

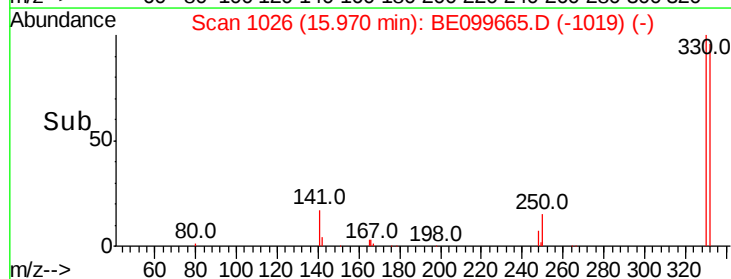
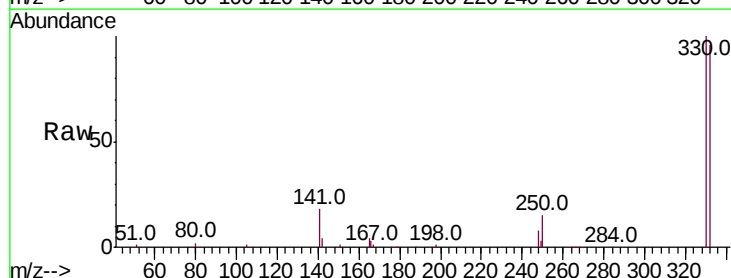
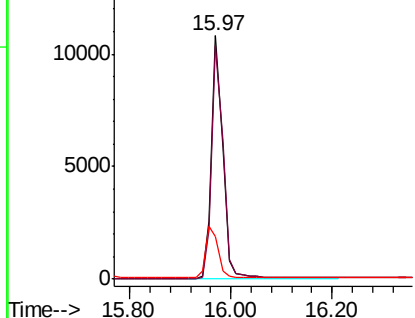
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	23.9	18.9	28.3

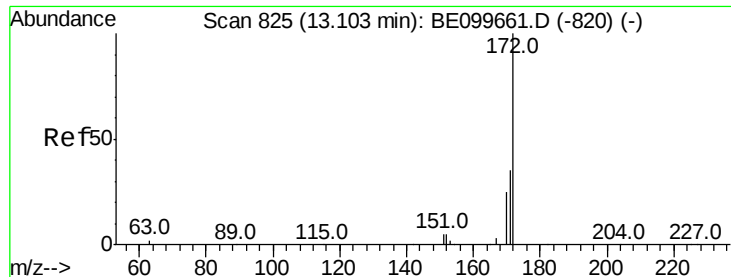
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





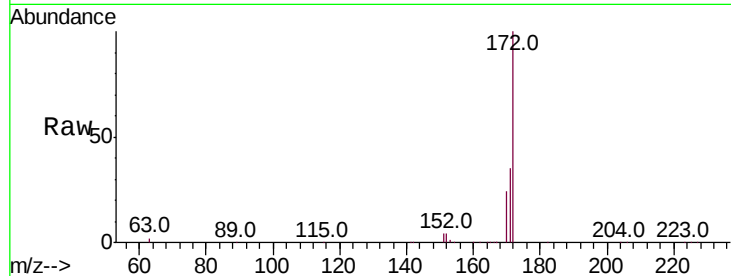
#15
2-Fluorobiphenyl
Concen: 5.105 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.7	43.1
170	23.6	20.9	31.3

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM

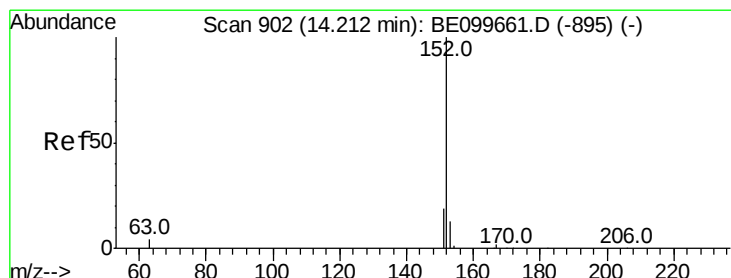
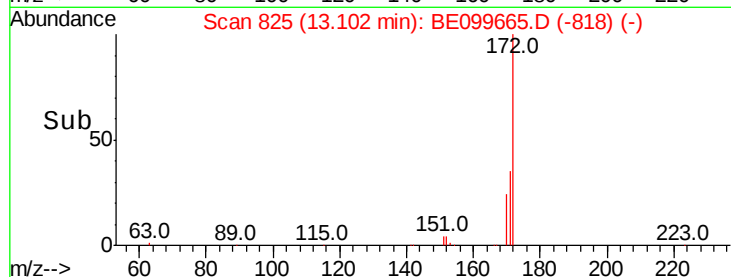
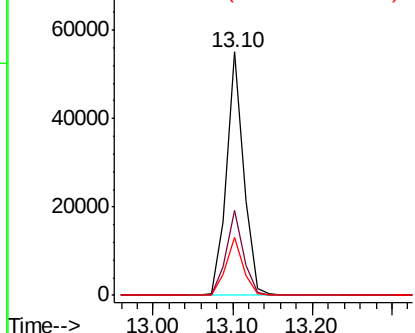


Abundance

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: 5.444 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

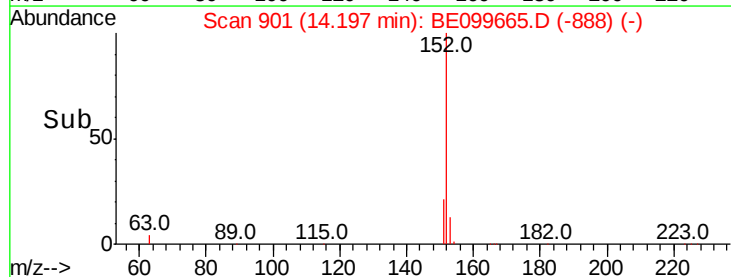
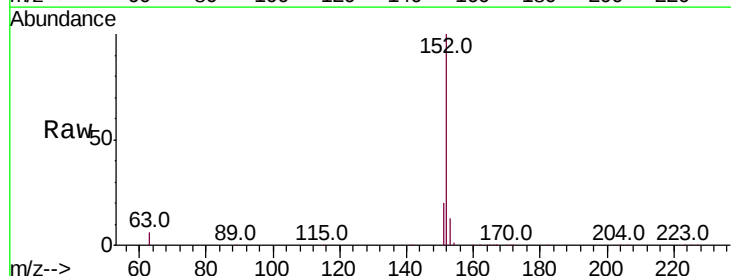
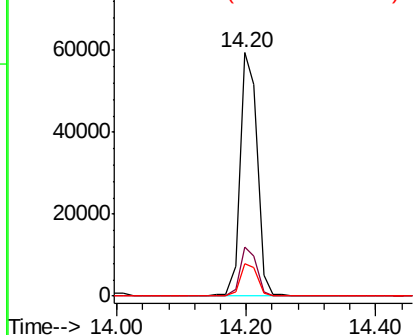
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.1	10.6	16.0

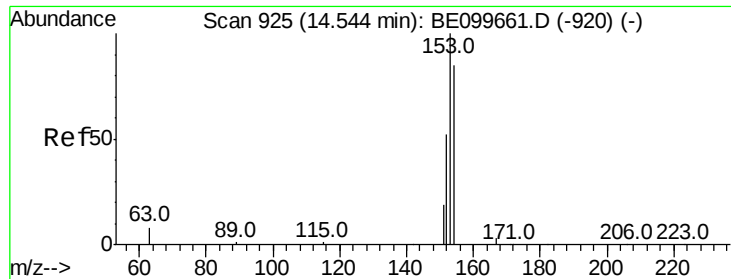
Abundance

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





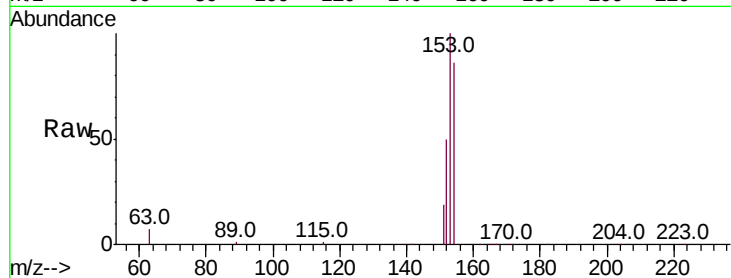
#17
Acenaphthene
Concen: 5.307 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	92.2	138.4
152	56.3	46.2	69.4

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM

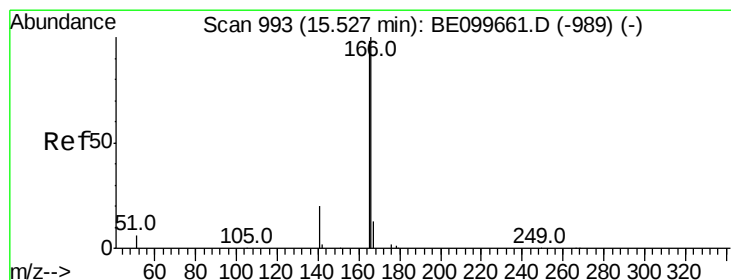
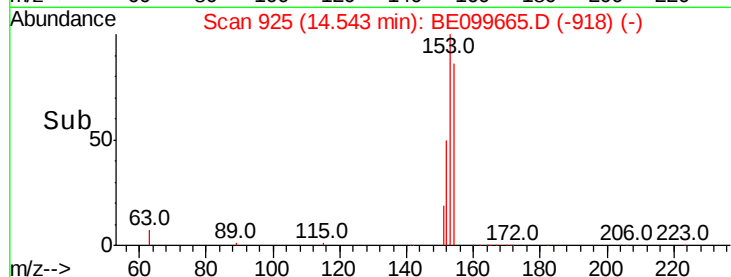
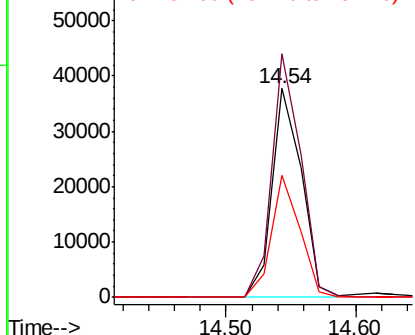


Abundance

Ion 154.00 (153.70 to 154.70): E

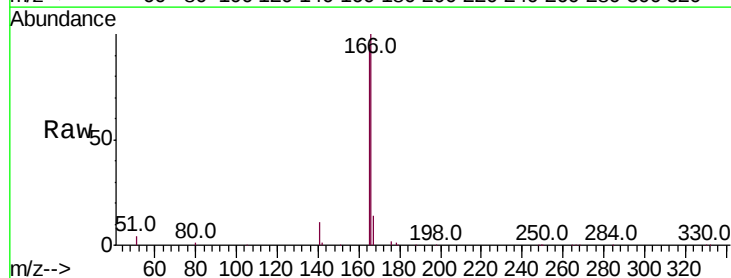
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 5.478 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.3	120.5
167	13.4	10.6	16.0

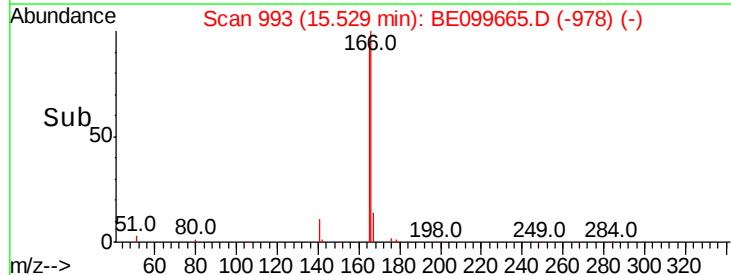
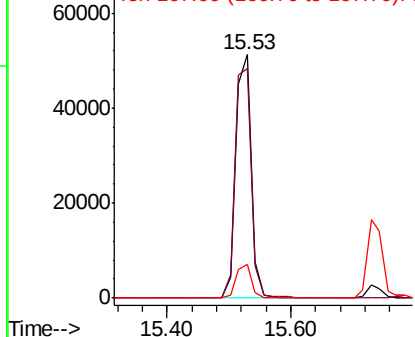


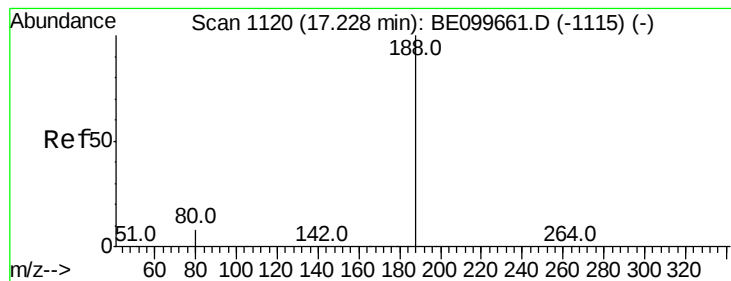
Abundance

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: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

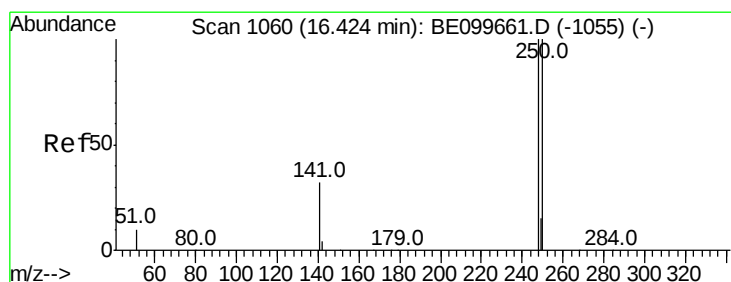
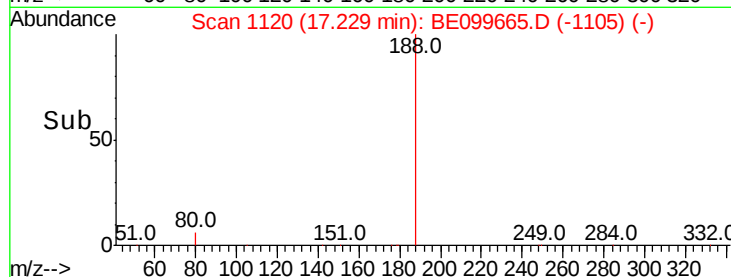
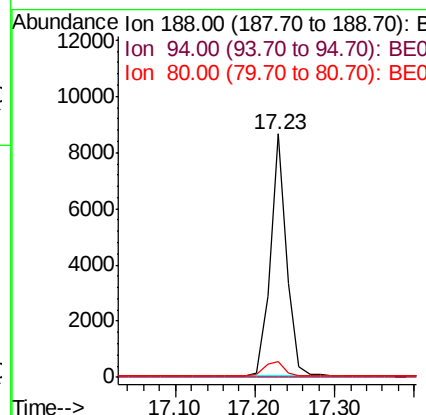
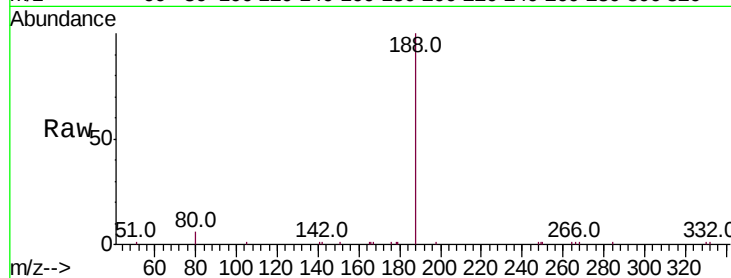
ClientSampled :

SSTDICC5.0

Tot Ion:	188	Resp:	12394
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.4	6.7	10.1#

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM



#20

4-Bromophenyl-phenylether

Concen: 5.626 ng

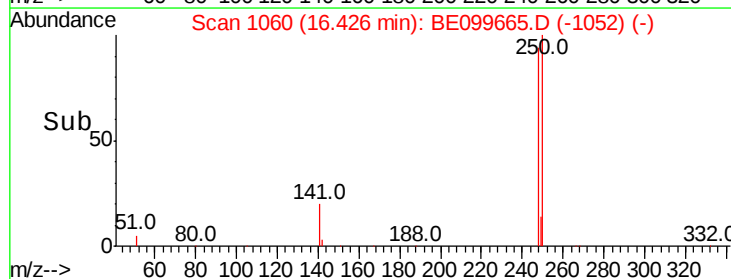
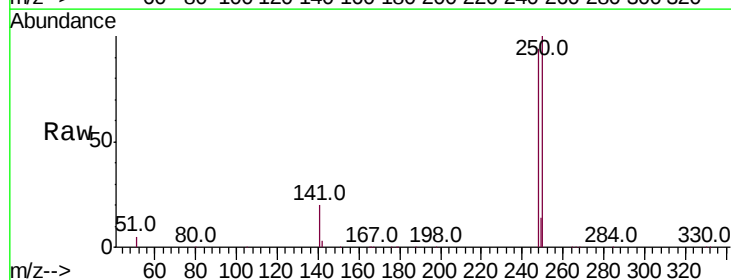
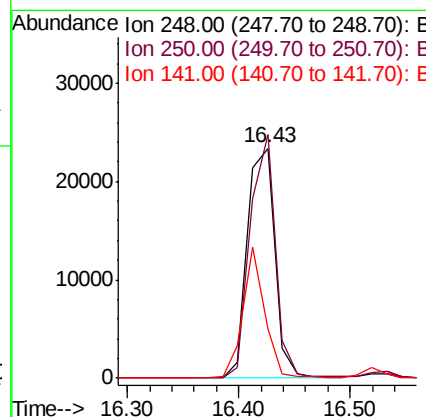
RT: 16.43 min Scan# 1060

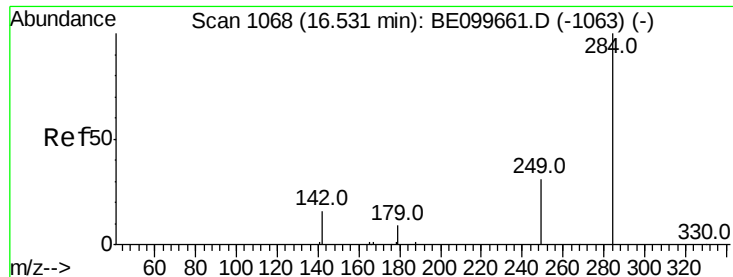
Delta R.T. 0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Tgt Ion:	248	Resp:	40202
Ion Ratio	Lower	Upper	
248	100		
250	105.8	79.8	119.8
141	21.6	27.0	40.6#





#21

Hexachlorobenzene

Concen: 5.678 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

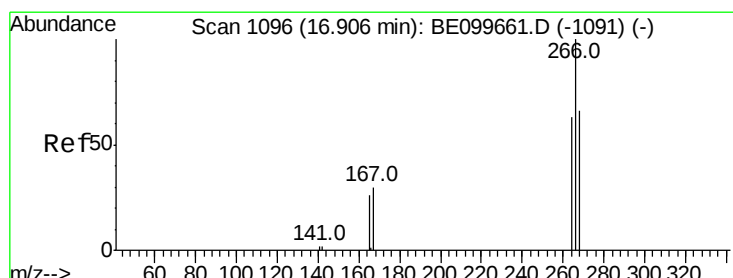
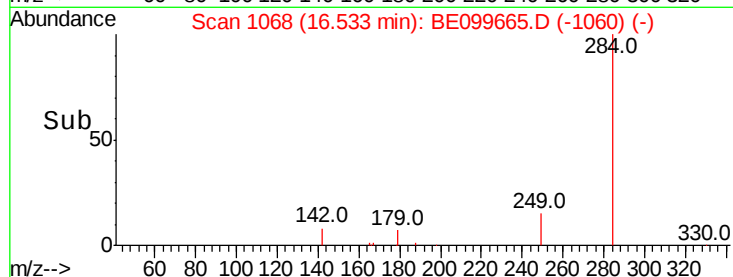
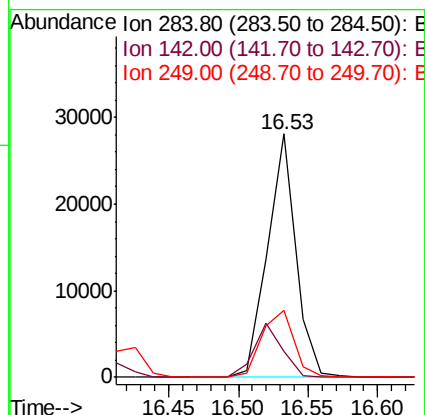
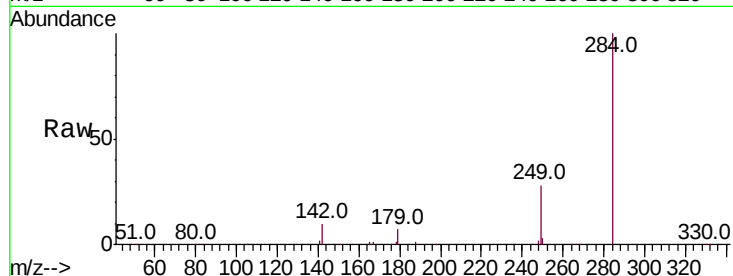
ClientSampleId :

SSTDICC5.0

Tot Ion:	284	Resp:	39863
Ion Ratio	Lower	Upper	
284	100		
142	21.7	17.8	26.6
249	30.6	24.8	37.2

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM



#22

Pentachlorophenol

Concen: 6.389 ng

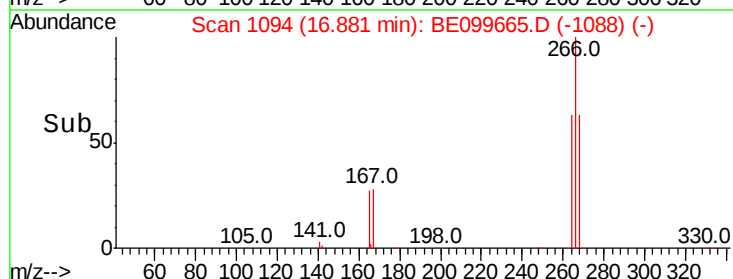
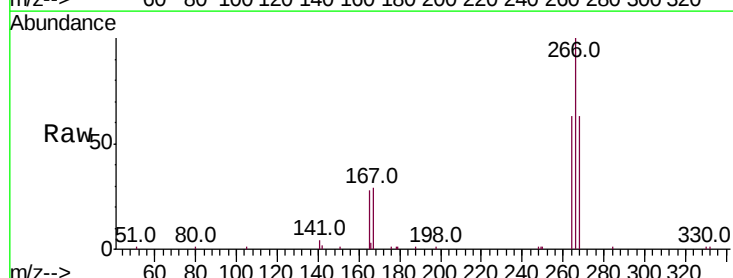
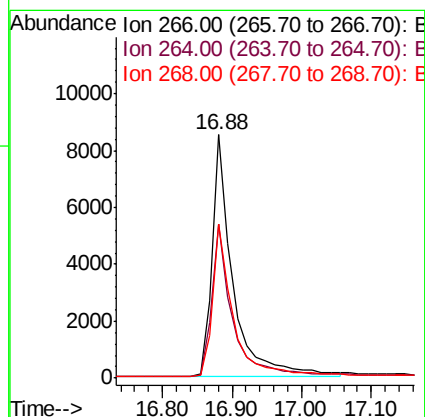
RT: 16.88 min Scan# 1094

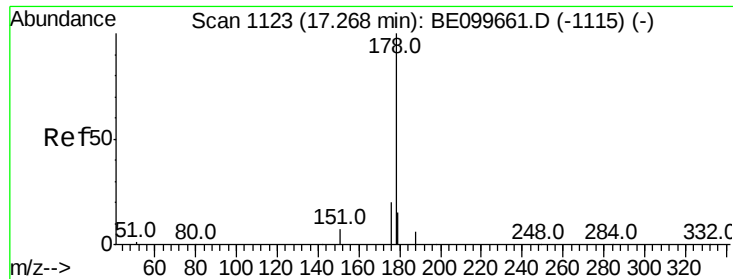
Delta R.T. -0.03 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Tgt Ion:	266	Resp:	17893
Ion Ratio	Lower	Upper	
266	100		
264	63.3	57.2	85.8
268	63.2	60.5	90.7





#23

Phenanthrene

Concen: 5.233 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

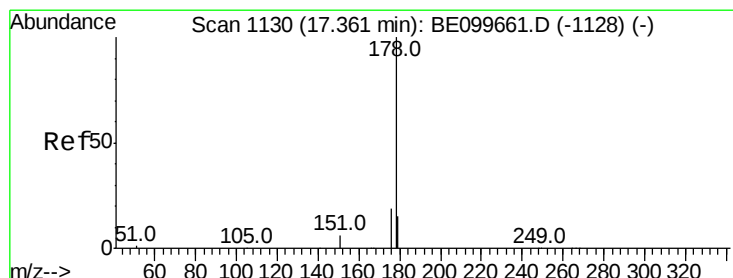
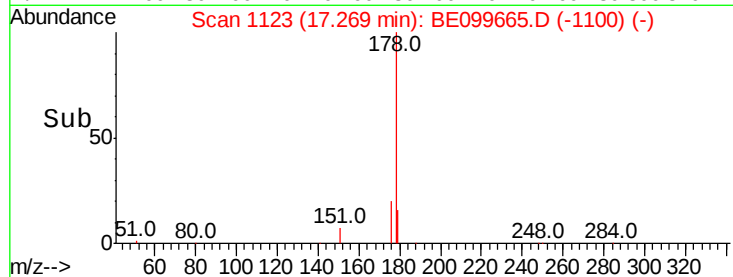
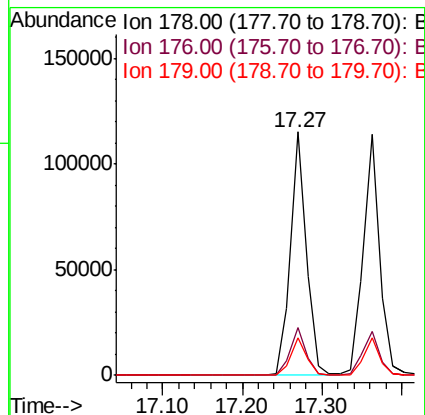
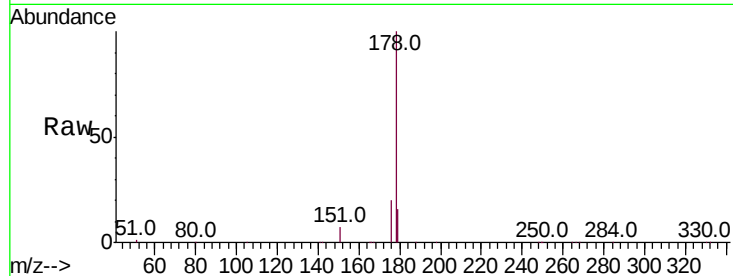
ClientSampleId :

SSTDICC5.0

Tot Ion:178	Resp:	161011
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.6 23.4
179	15.6	12.2 18.4

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM



#24

Anthracene

Concen: 5.741 ng

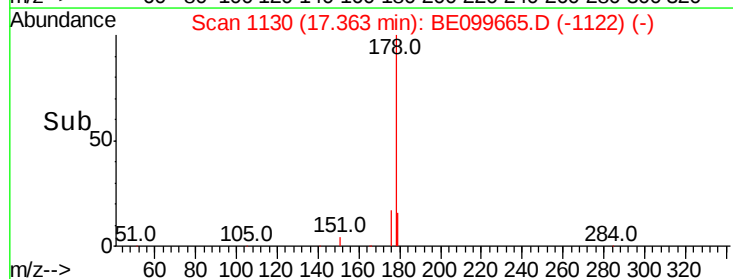
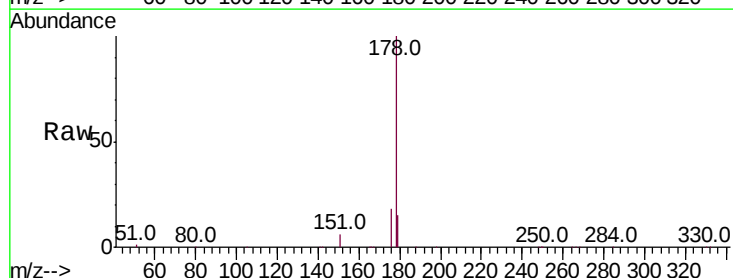
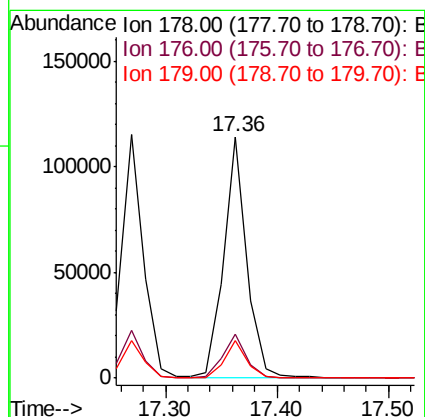
RT: 17.36 min Scan# 1130

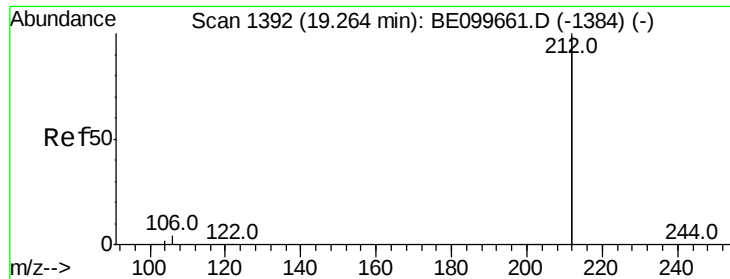
Delta R.T. 0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Tgt Ion:178	Resp:	162937
Ion Ratio	Lower	Upper
178	100	
176	18.5	14.7 22.1
179	15.3	12.0 18.0





#25

Fluoranthene-d10

Concen: 5.610 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

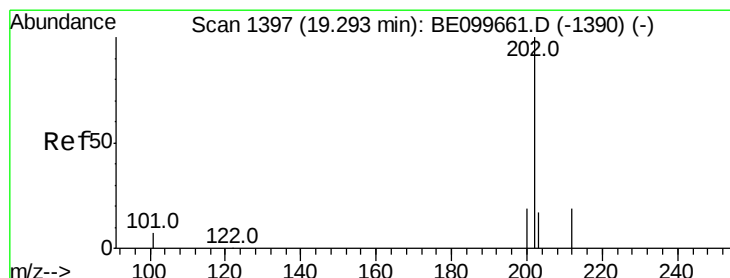
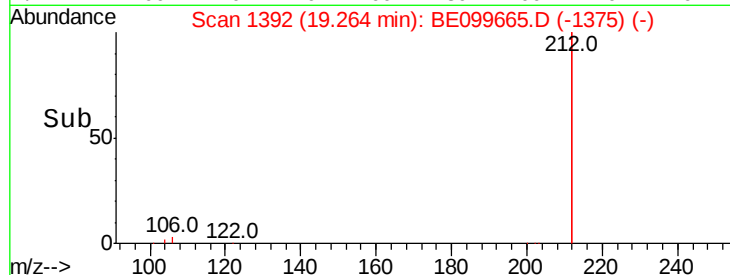
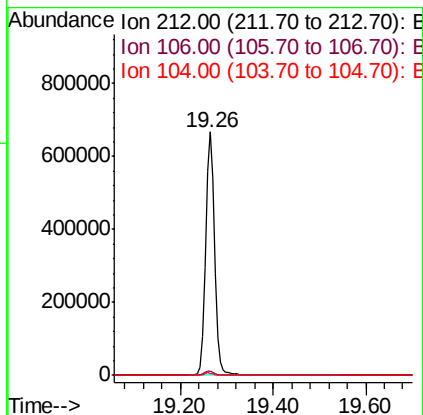
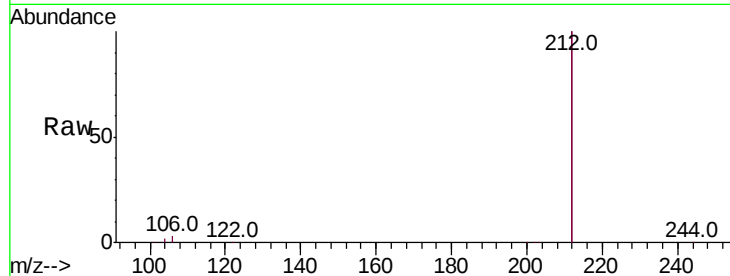
ClientSampleId :

SSTDICC5.0

Tot Ion:	212	Resp:	924831
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 3:26:08 PM



#26

Fluoranthene

Concen: 5.607 ng

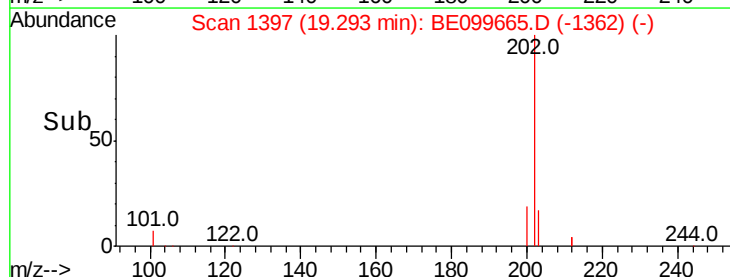
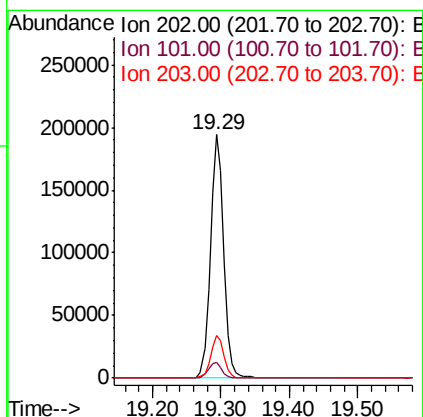
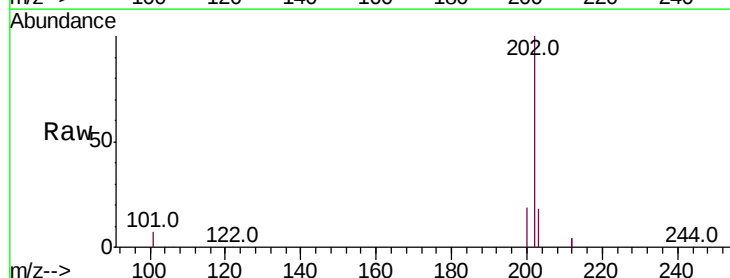
RT: 19.29 min Scan# 1397

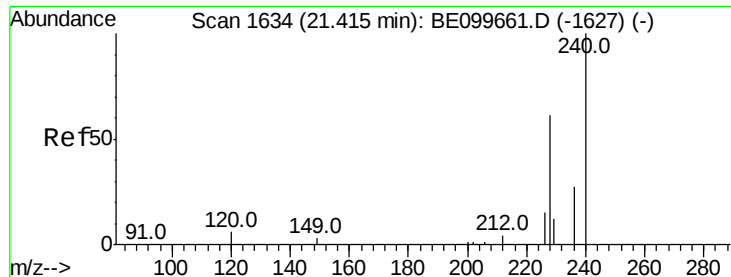
Delta R.T. -0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Tgt Ion:	202	Resp:	260959
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.2	7.8
203	17.5	13.8	20.6





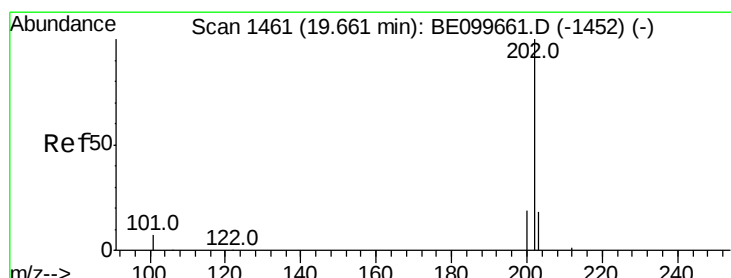
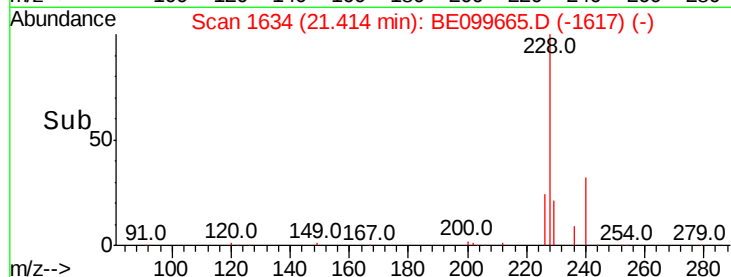
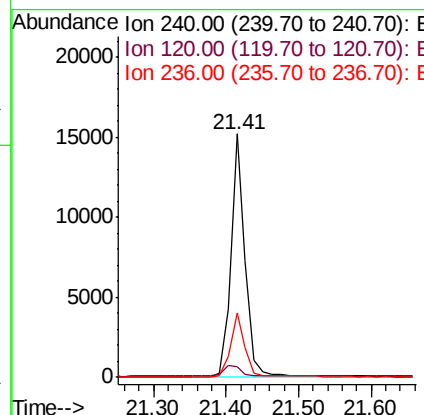
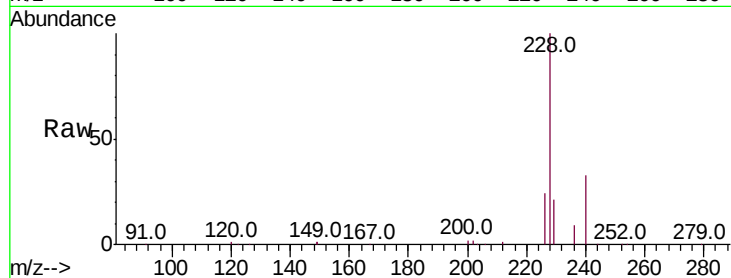
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.4	8.0#
236	26.7	21.7	32.5

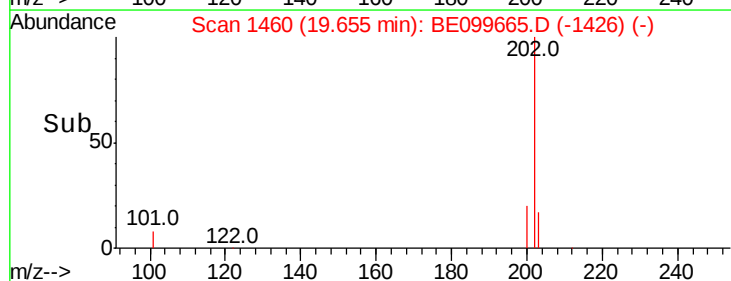
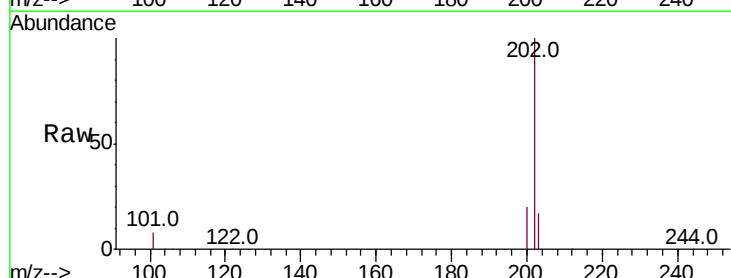
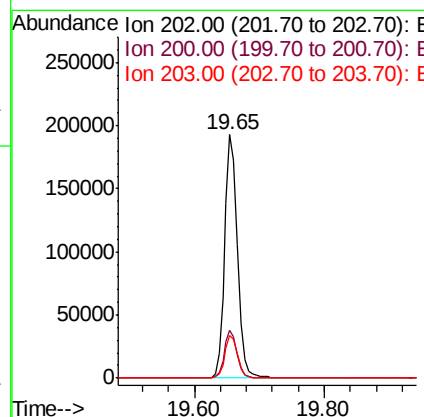
Manual Integrations
APPROVED

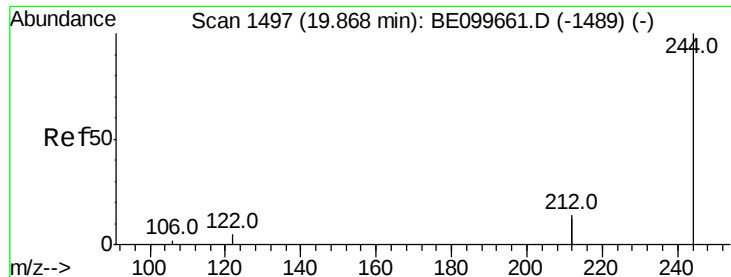
mohammad
5/21/2019 3:26:08 PM



#28
Pyrene
Concen: 5.025 ng
RT: 19.65 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.4	23.2
203	17.6	13.8	20.8





#29

Terphenyl-d14

Concen: 5.234 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

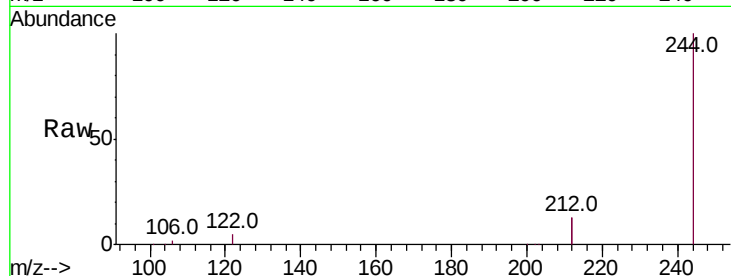
ClientSampleId :

SSTDICC5.0

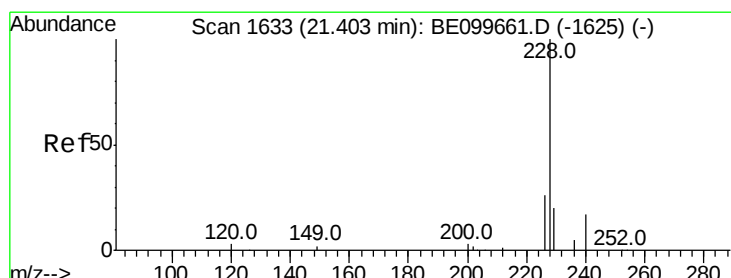
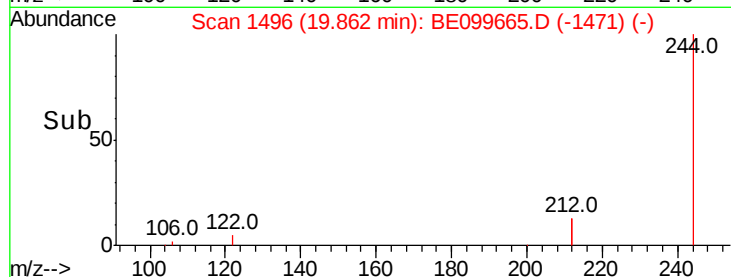
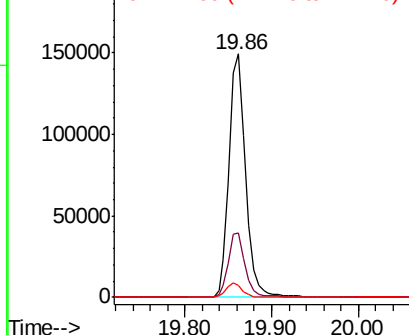
Tot Ion:	244	Resp:	196419
Ion Ratio	Lower	Upper	
244	100		
212	26.2	22.5	33.7
122	4.8	4.3	6.5

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 5.051 ng

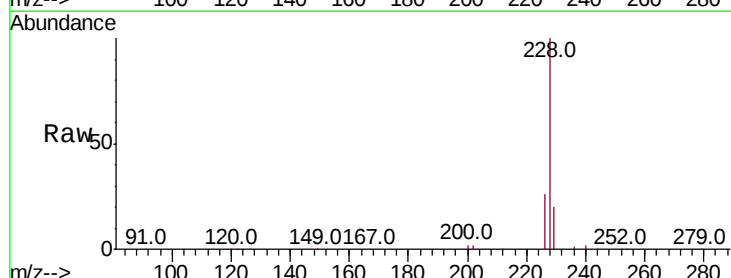
RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

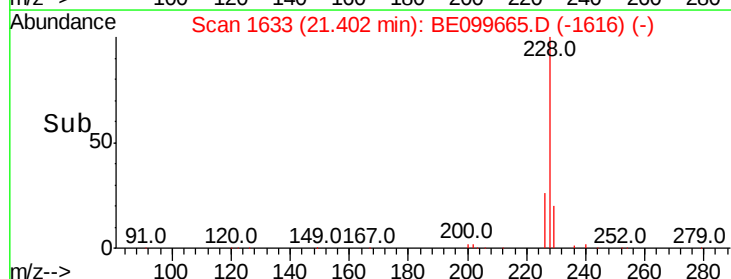
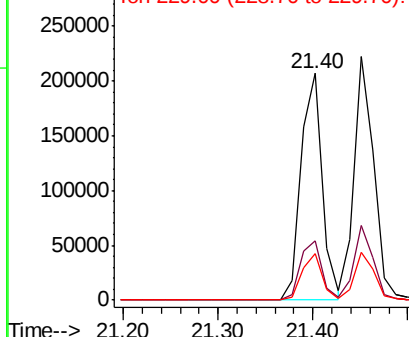
Lab File: BE099665.D

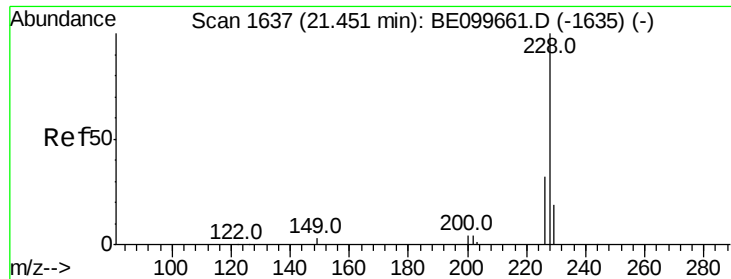
Acq: 20 May 2019 14:50

Tgt Ion:	228	Resp:	318226
Ion Ratio	Lower	Upper	
228	100		
226	26.1	21.3	31.9
229	20.3	16.1	24.1



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: 4.922 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

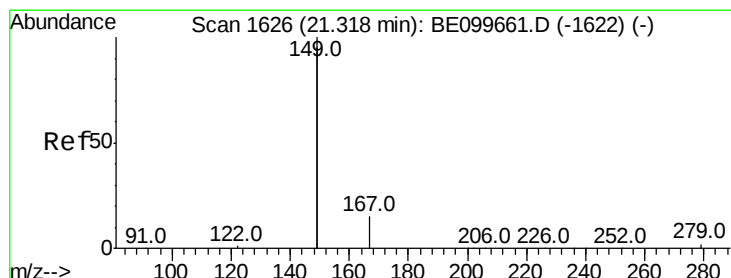
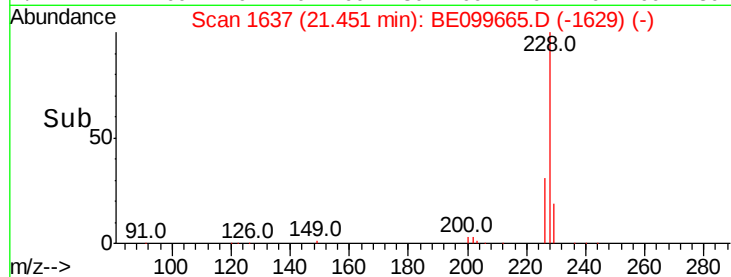
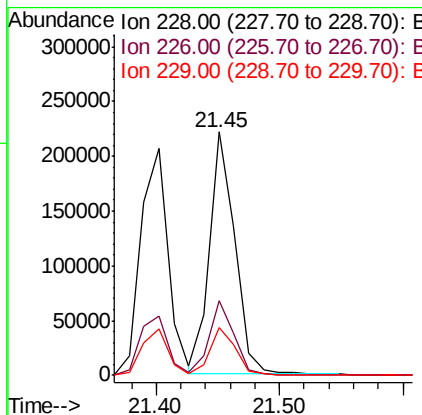
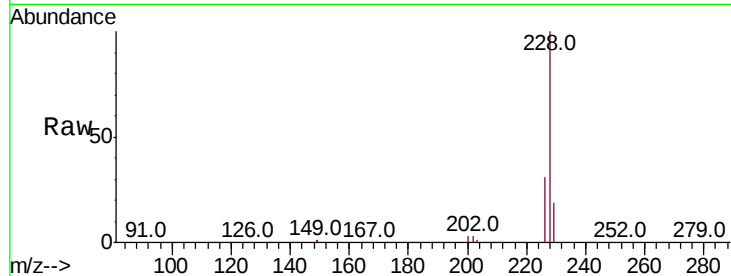
ClientSampleId :

SSTDICC5.0

Tot Ion:	228	Resp:	319381
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.7	37.1
229	19.4	15.8	23.6

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 3.956 ng

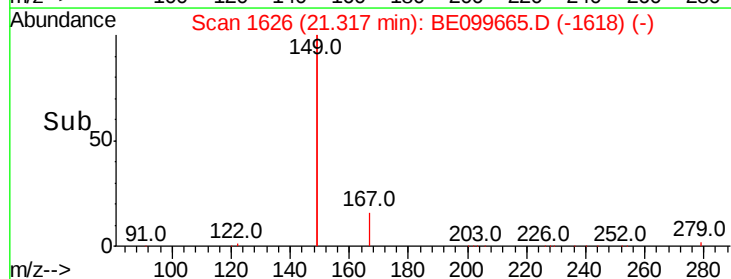
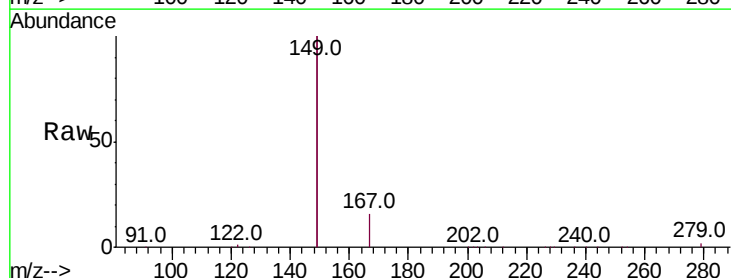
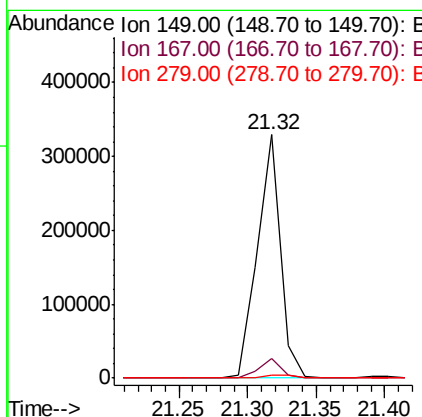
RT: 21.32 min Scan# 1626

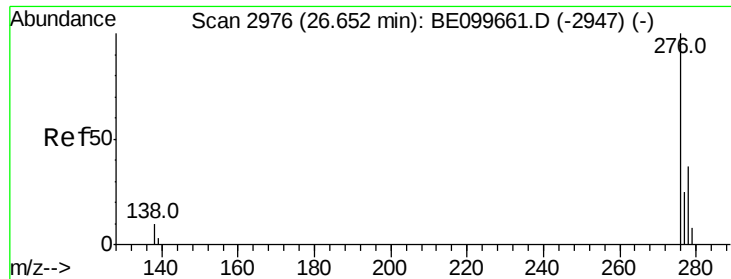
Delta R.T. -0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Tgt Ion:	149	Resp:	384424
Ion Ratio	Lower	Upper	
149	100		
167	7.6	6.2	9.4
279	1.5	1.2	1.8





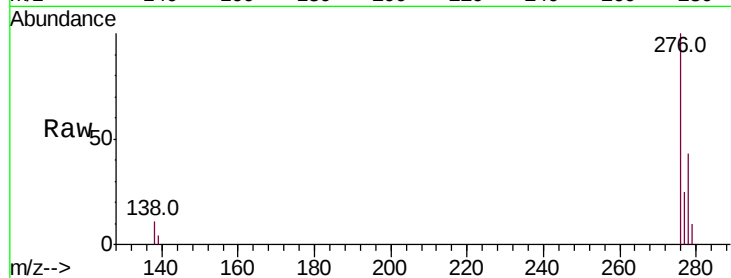
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.982 ng
RT: 26.65 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion	Ratio	Resp	Lower	Upper
276	100	402398		
138	12.1		9.6	14.4
277	24.9		19.2	28.8

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM

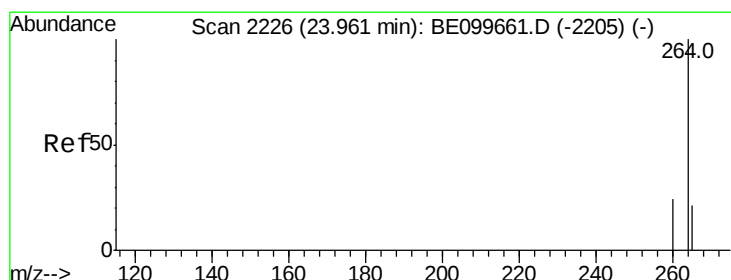
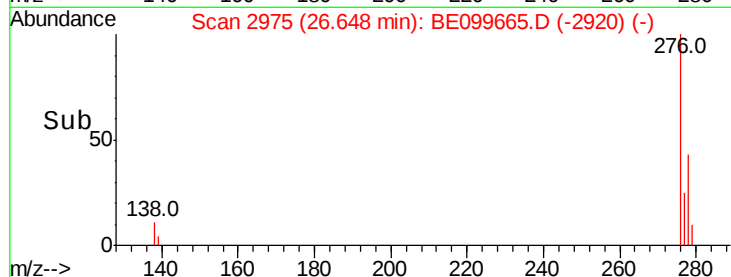
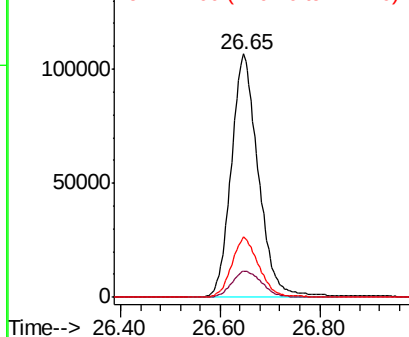


Abundance

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# 2224
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

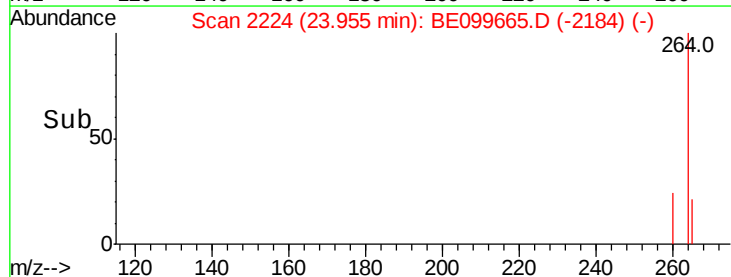
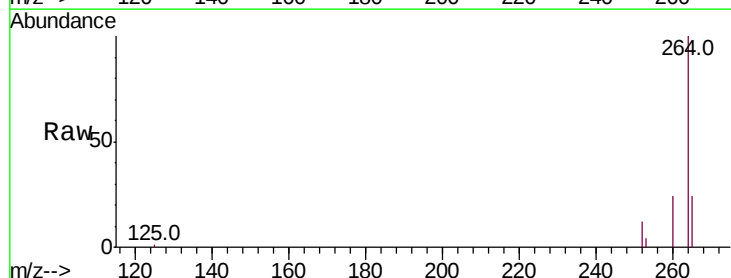
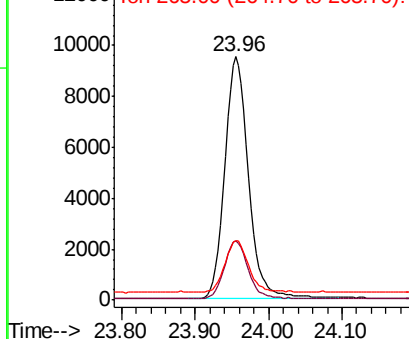
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	21729		
260	24.1		19.6	29.4
265	24.1		19.1	28.7

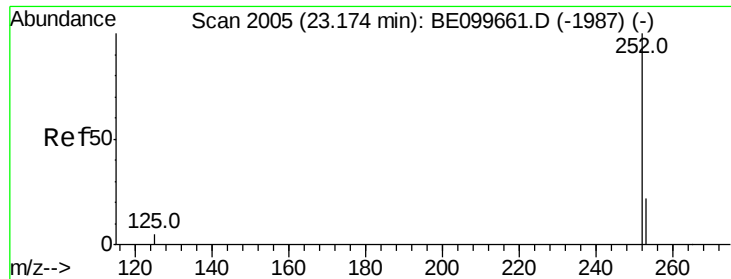
Abundance

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





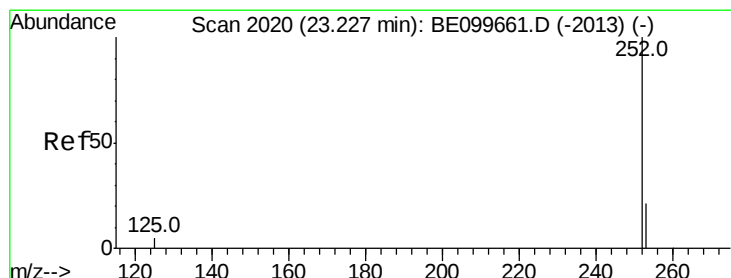
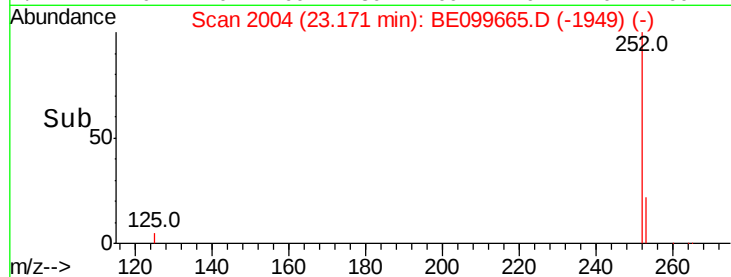
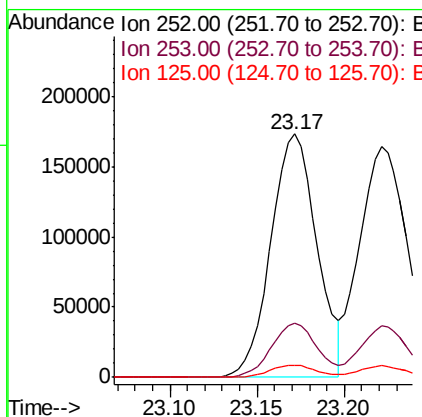
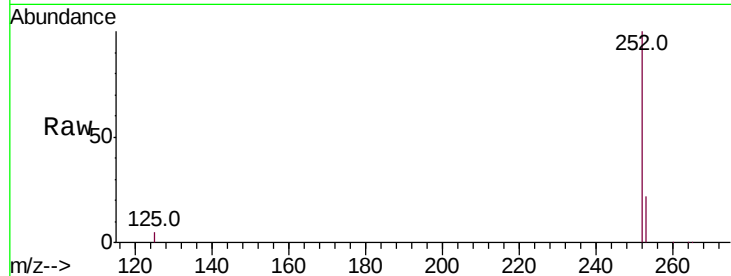
#35
Benzo(b)fluoranthene
Concen: 5.237 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	5.0	4.5	6.7

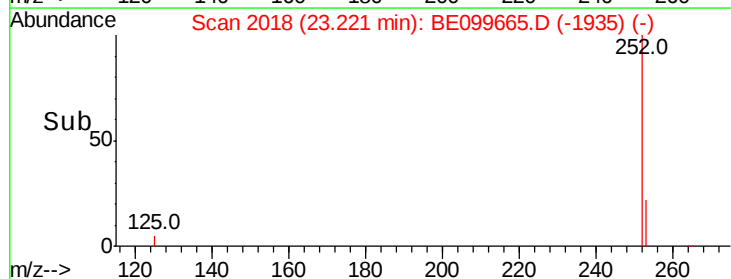
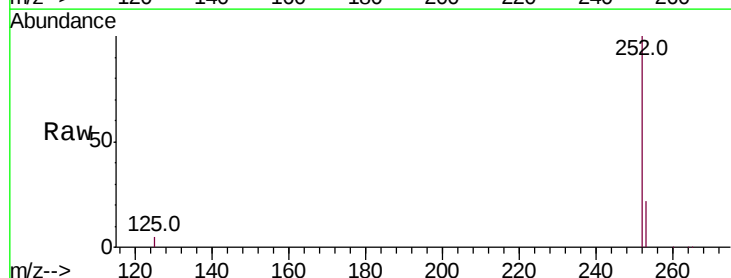
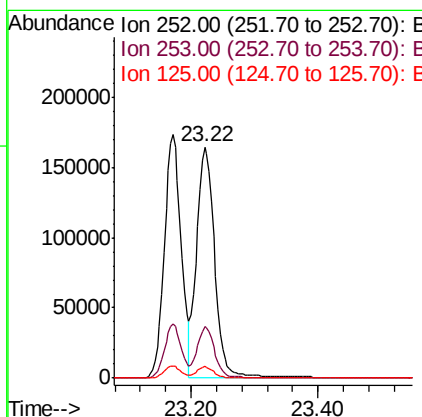
Manual Integrations
APPROVED

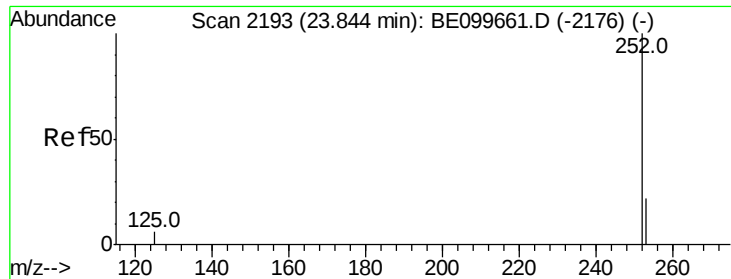
mohammad
5/21/2019 3:26:08 PM



#36
Benzo(k)fluoranthene
Concen: 5.446 ng
RT: 23.22 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	4.9	4.6	6.8





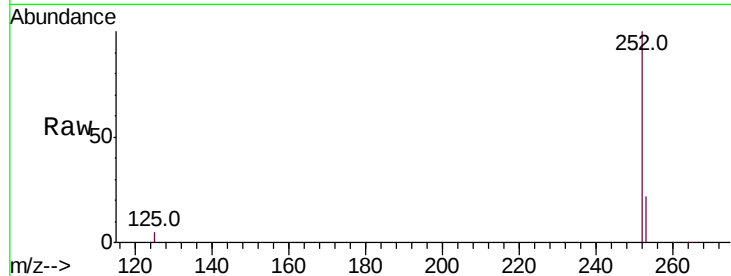
#37
Benzo(a)pyrene
Concen: 5.225 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

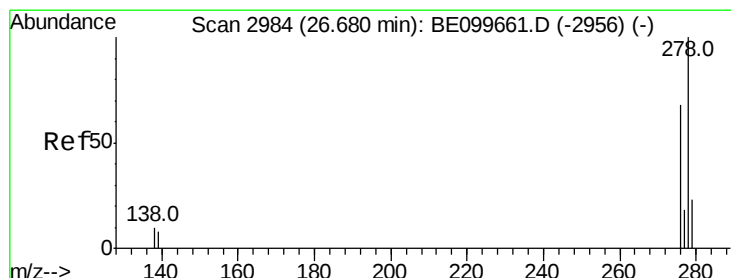
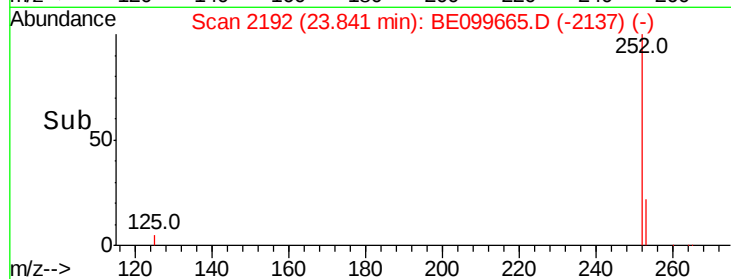
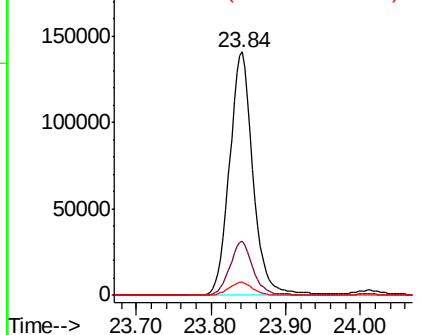
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	5.5	5.4	8.0

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM



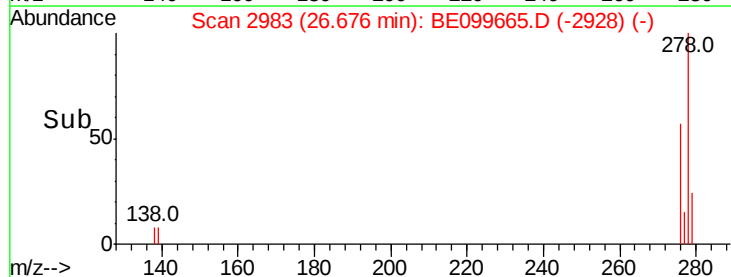
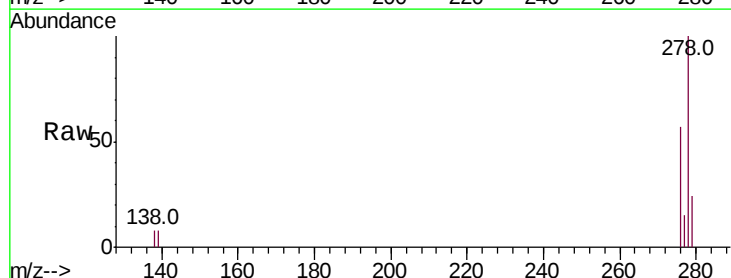
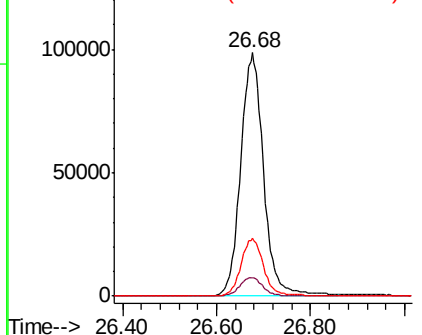
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

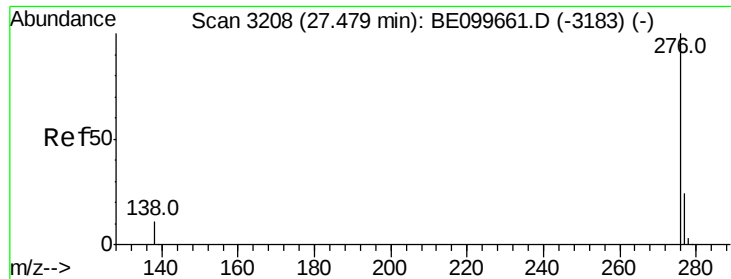


#38
Dibenzo(a,h)anthracene
Concen: 5.476 ng
RT: 26.68 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.6	6.9	10.3
279	23.7	19.2	28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 5.360 ng

RT: 27.48 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BE099665.D

Acq: 20 May 2019 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.6
138	10.2	9.2	13.8

Manual Integrations
APPROVED

mohammad
5/21/2019 3:26:08 PM

