

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007597.D
 Acq On : 11 Sep 2019 20:39
 Operator : HP/JU
 Sample : PB122993BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122993BS

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:01:07 AM

Quant Time: Sep 12 06:45:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	6704	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	26287	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	15350	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	32557	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	33366	0.40	ng	-0.02
34) Perylene-d12	23.50	264	35305	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	8288	0.41	ng	0.00
5) Phenol-d6	6.90	99	10529	0.38	ng	0.00
8) Nitrobenzene-d5	8.86	82	8762	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	18874	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2172	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	26427	0.42	ng	-0.01
25) Fluoranthene-d10	19.12	212	44365	0.42	ng	-0.01
29) Terphenyl-d14	19.72	244	37100	0.43	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	3036	0.484	ng	92
3) n-Nitrosodimethylamine	3.03	42	2100	0.524	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	7600	0.581	ng	# 83
9) Naphthalene	10.54	128	31933	0.432	ng	99
10) Hexachlorobutadiene	10.85	225	6594	0.445	ng	# 99
12) 2-Methylnaphthalene	12.16	142	21475	0.414	ng	99
16) Acenaphthylene	14.06	152	30763	0.373	ng	100
17) Acenaphthene	14.40	154	20304	0.390	ng	99
18) Fluorene	15.39	166	25949	0.378	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	8401	0.436	ng	93
21) Hexachlorobenzene	16.40	284	9051	0.447	ng	100
22) Pentachlorophenol	16.74	266	2178	0.499	ng	100
23) Phenanthrene	17.12	178	43597	0.434	ng	100
24) Anthracene	17.22	178	38221	0.412	ng	100
26) Fluoranthene	19.15	202	51479	0.422	ng	100
28) Pyrene	19.51	202	51845	0.432	ng	100
30) Benzo(a)anthracene	21.26	228	49282	0.413	ng	99
31) Chrysene	21.31	228	53501	0.441	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	18197	0.445	ng	98
33) Indeno(1,2,3-cd)pyrene	25.72	276	57602	0.449	ng	# 100
35) Benzo(b)fluoranthene	22.83	252	51124	0.407	ng	100
36) Benzo(k)fluoranthene	22.88	252	49062m	0.396	ng	
37) Benzo(a)pyrene	23.40	252	45557	0.408	ng	99
38) Dibenzo(a,h)anthracene	25.74	278	47945	0.428	ng	99
39) Benzo(g,h,i)perylene	26.39	276	46868	0.413	ng	100

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

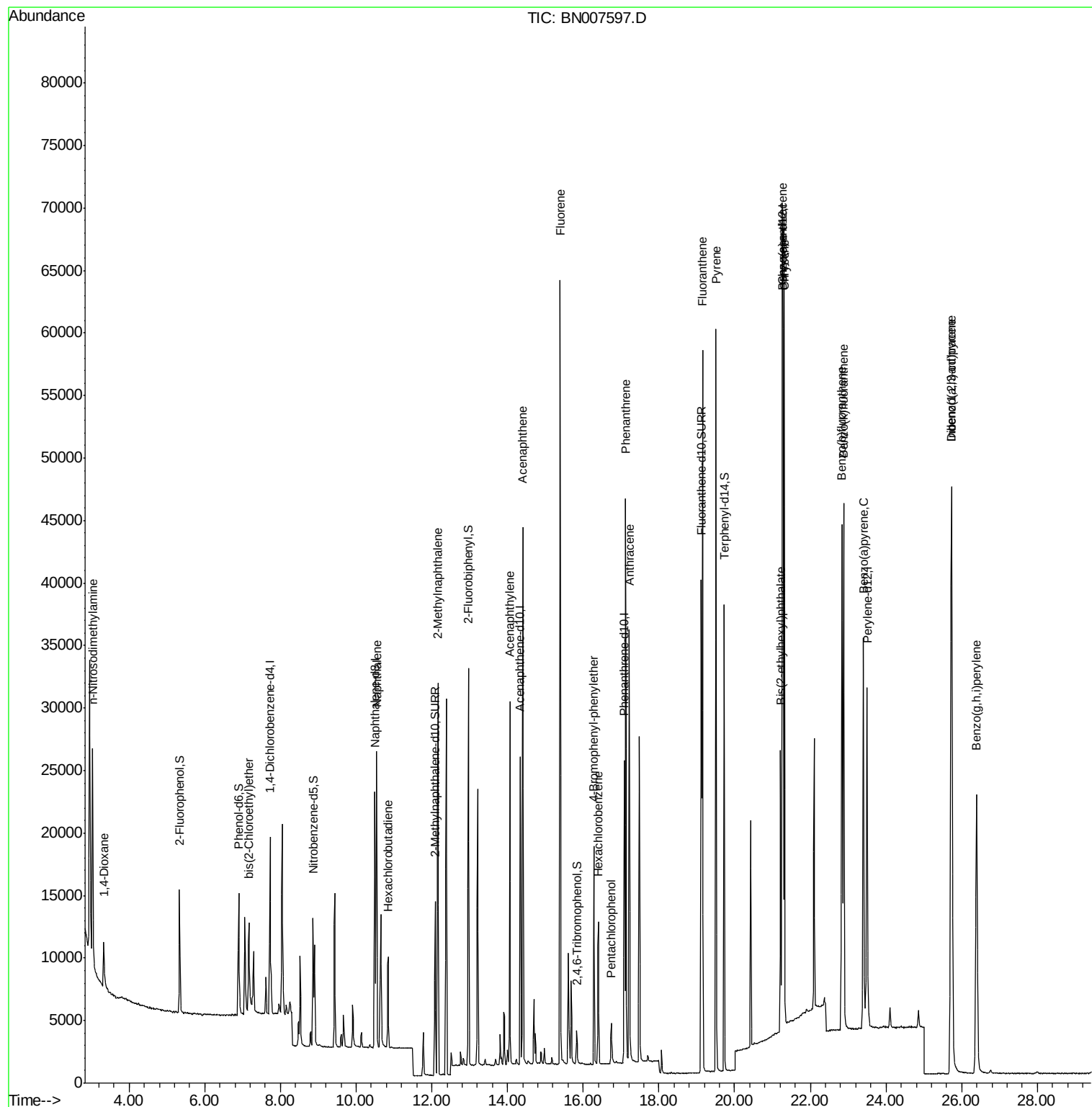
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007597.D
Acq On : 11 Sep 2019 20:39
Operator : HP/JU
Sample : PB122993BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

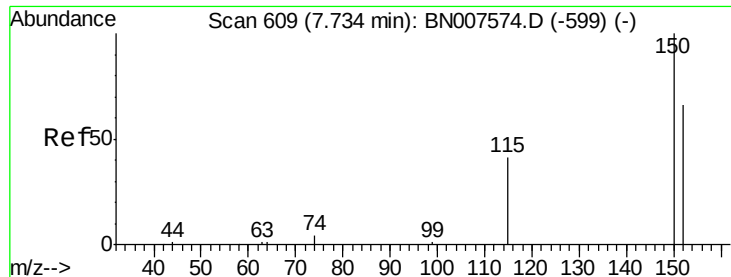
Instrument :
BNA_N
ClientSampleId :
PB122993BS

Manual Integrations
APPROVED

mohammad
9/16/2019 9:01:07 AM

Quant Time: Sep 12 06:45:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 11 14:14:20 2019
Response via : Initial Calibration





#1

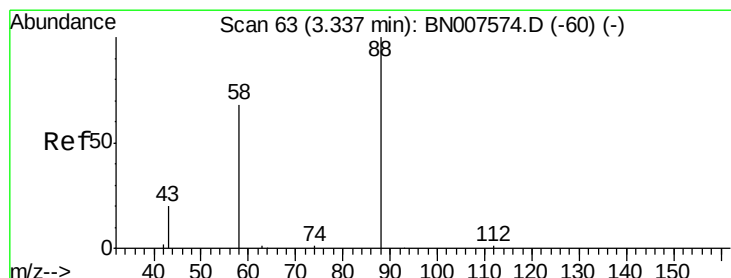
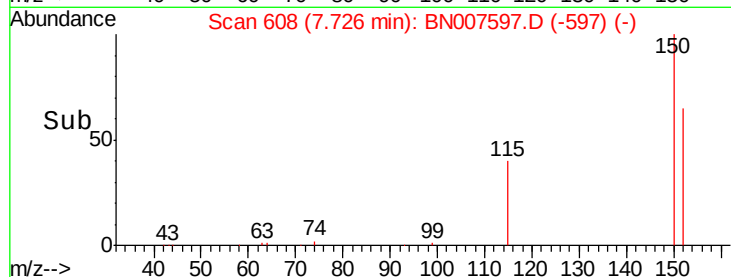
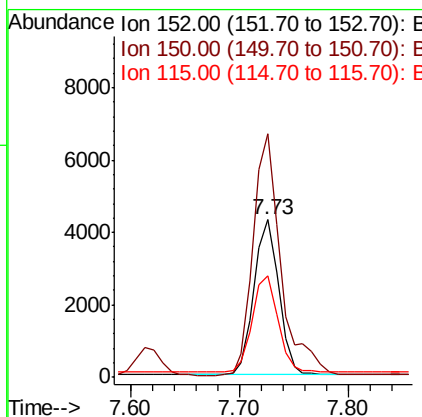
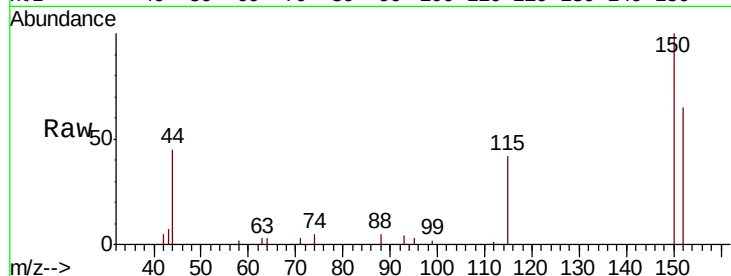
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Instrument :
BNA_N
ClientSampleId :
PB122993BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	64.8	53.0	79.6

Manual Integrations
APPROVED

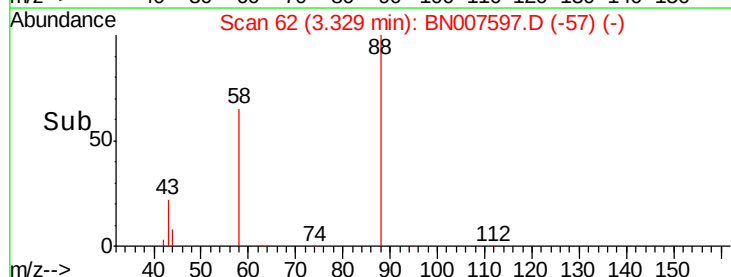
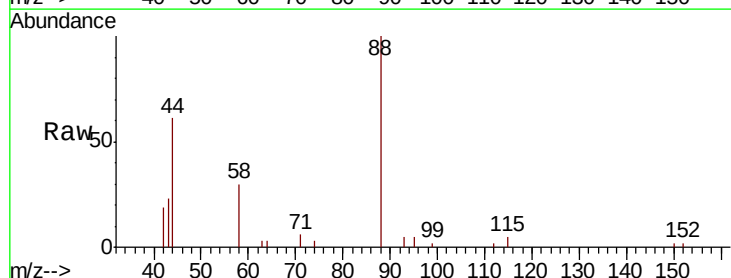
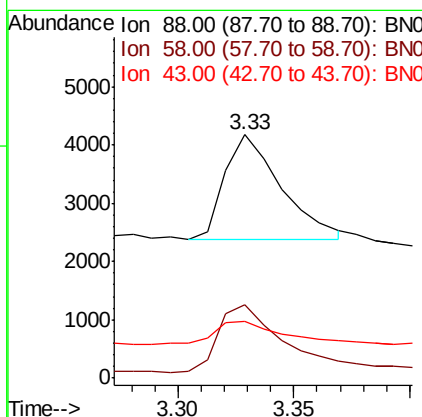
mohammad
9/16/2019 9:01:07 AM

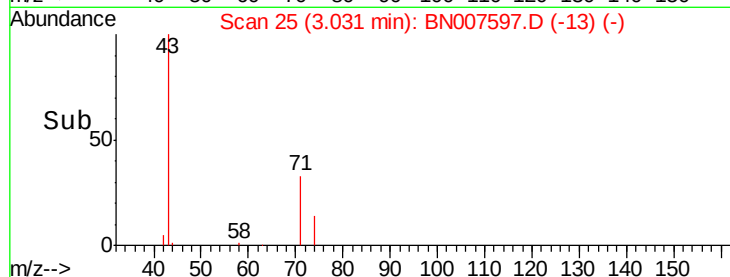
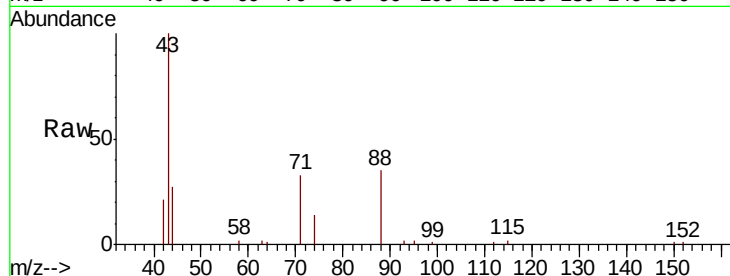
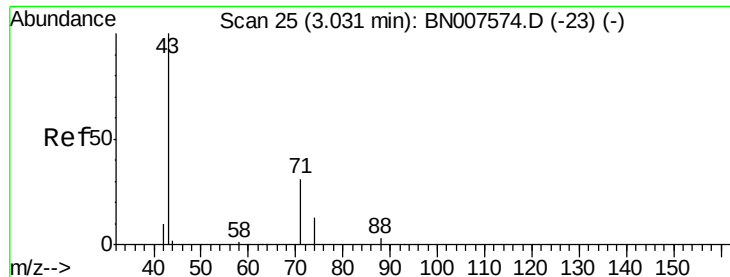


#2

1,4-Dioxane
Concen: 0.484 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	64.6	96.8
43	23.5	19.2	28.8





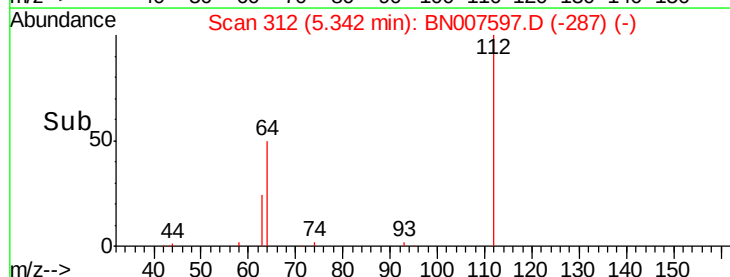
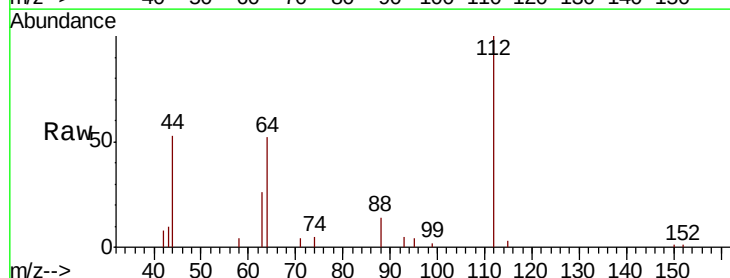
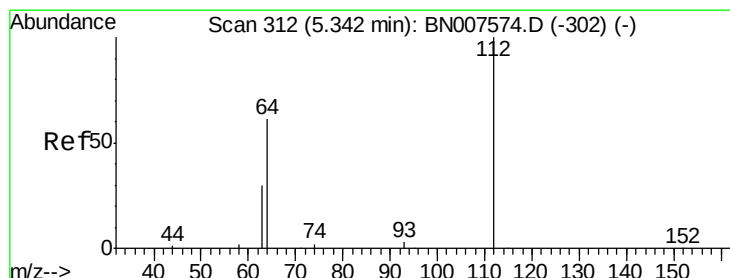
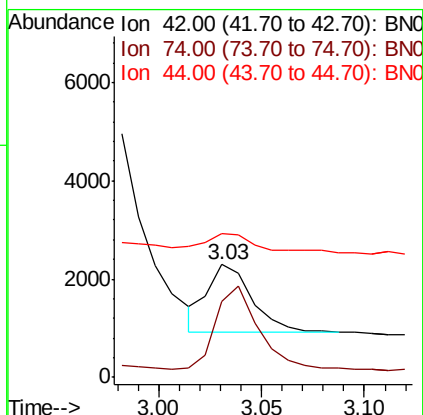
#3
n-Nitrosodimethylamine
Concen: 0.524 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tot Ion	Ratio	Resp	Lower	Upper
42	100	2100		
74	116.6	0.0	0.0#	
44	32.9	0.0	0.0#	

Instrument :
BNA_N
ClientSampleId :
PB122993BS

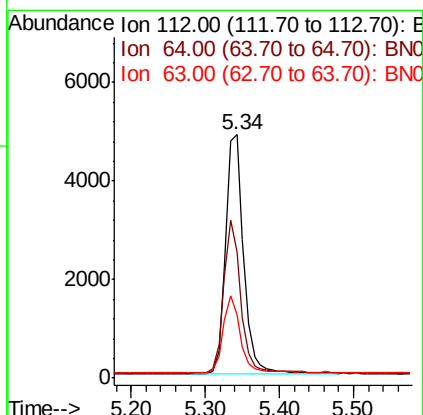
Manual Integrations
APPROVED

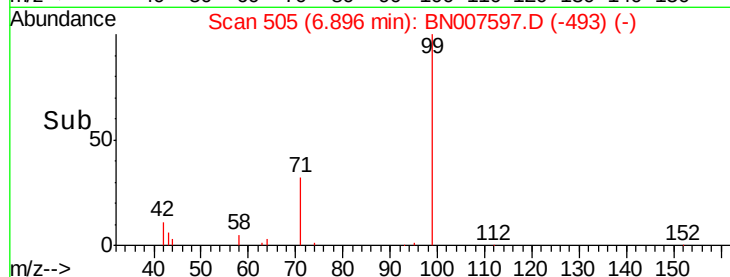
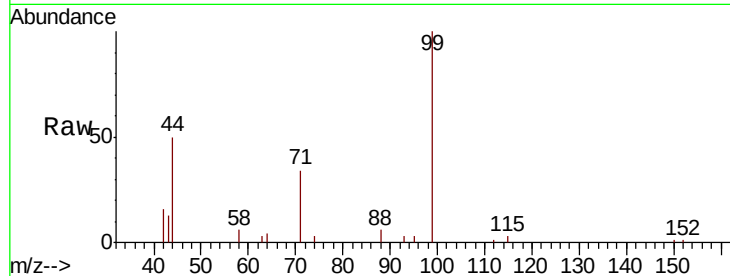
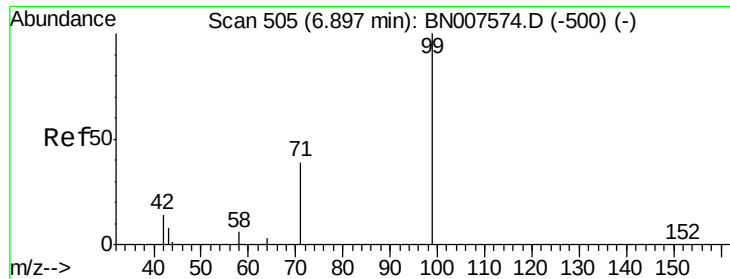
mohammad
9/16/2019 9:01:07 AM



#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.34 min Scan# 312
Delta R.T. -0.00 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	8288		
64	60.1	49.2	73.8	
63	30.0	26.0	39.0	





#5

Phenol-d6

Concen: 0.384 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Tot Ion:	99	Resp:	10529
Ion Ratio	Lower	Upper	
99	100		
42	15.0	11.8	17.8
71	35.5	28.8	43.2

Instrument :

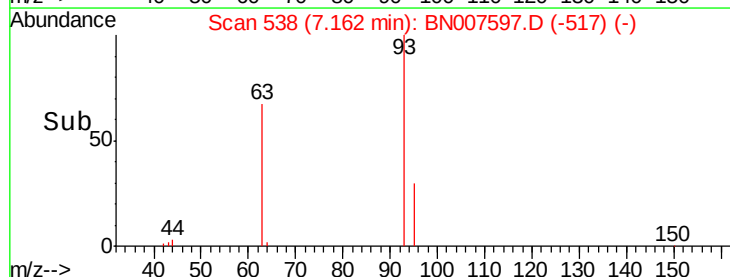
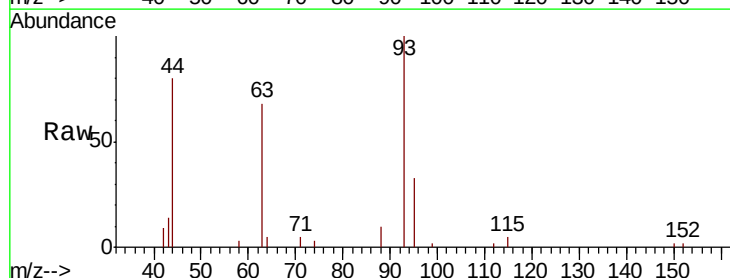
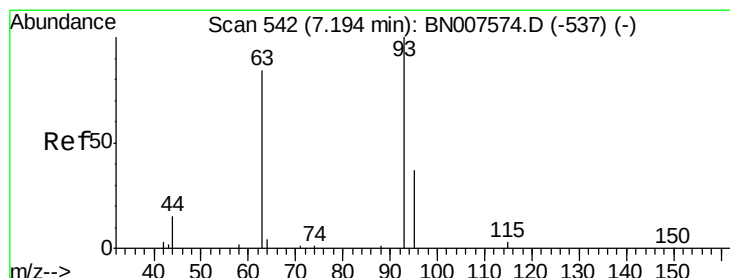
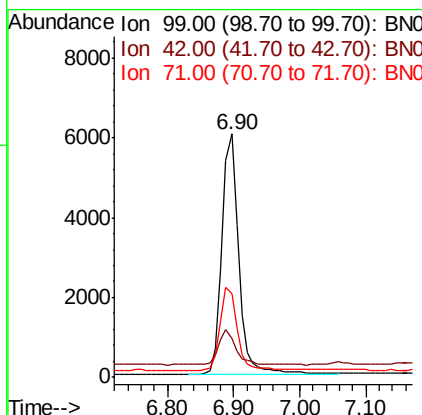
BNA_N

ClientSampleId :

PB122993BS

Manual Integrations
APPROVED

mohammad
9/16/2019 9:01:07 AM



#6

bis(2-Chloroethyl)ether

Concen: 0.581 ng

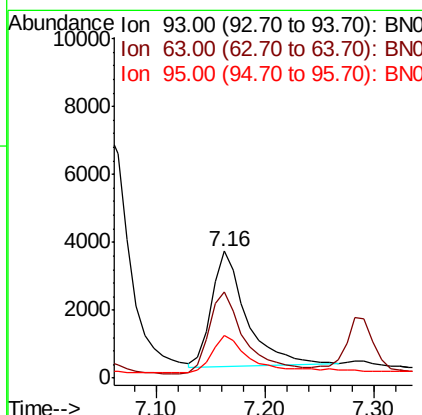
RT: 7.16 min Scan# 538

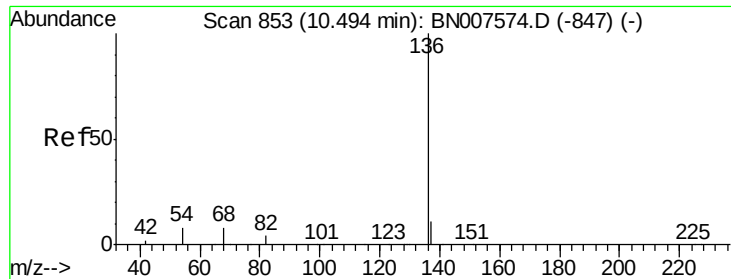
Delta R.T. -0.03 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Tgt Ion:	93	Resp:	7600
Ion Ratio	Lower	Upper	
93	100		
63	74.7	69.8	104.6
95	37.5	42.8	64.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

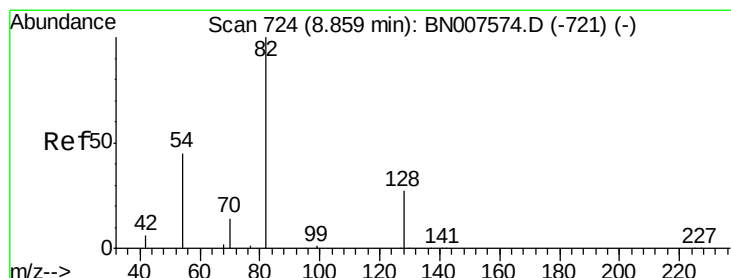
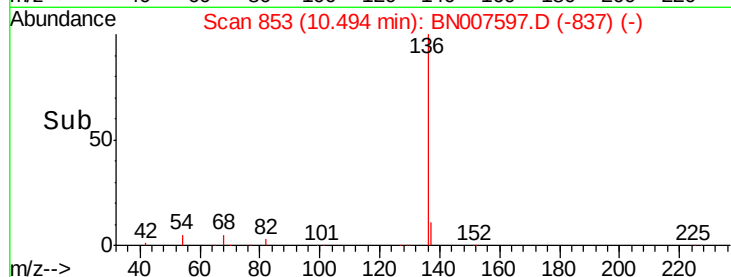
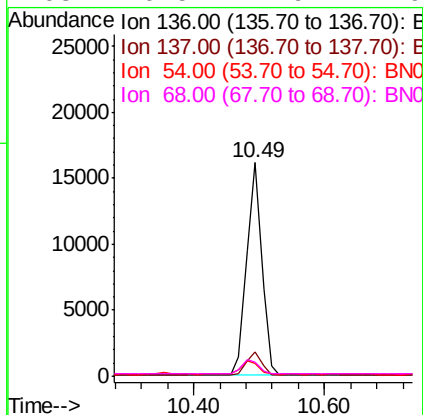
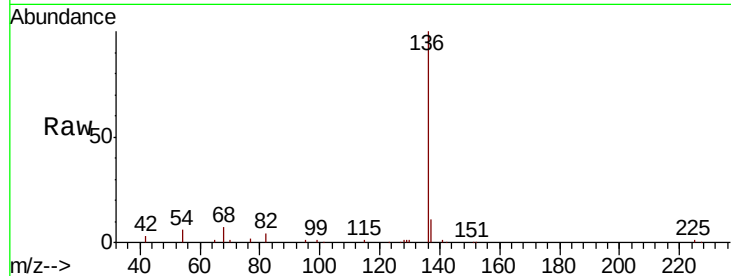
ClientSampleId :

PB122993BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	26287		
137	11.4		9.1	13.7
54	5.8		7.5	11.3#
68	6.5		7.9	11.9#

Manual Integrations
APPROVED

mohammad
9/16/2019 9:01:07 AM



#8

Nitrobenzene-d5

Concen: 0.547 ng

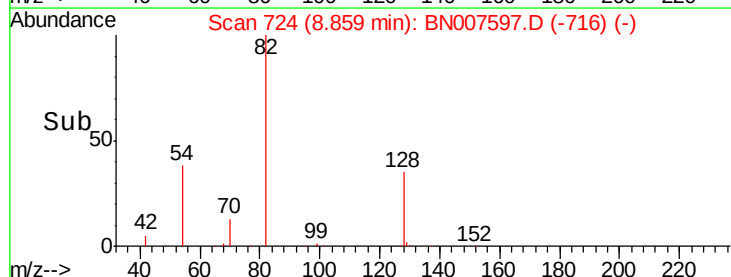
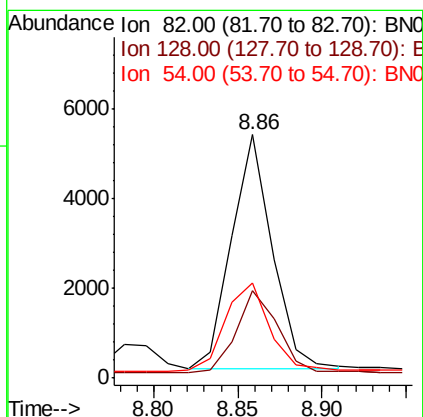
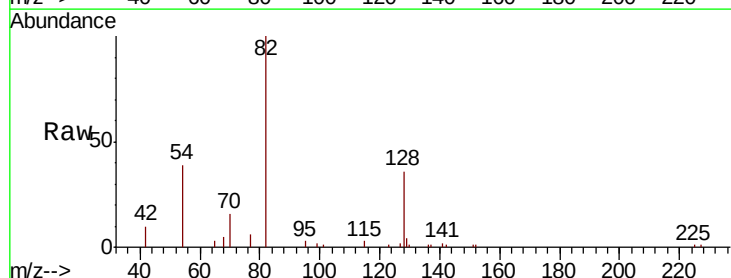
RT: 8.86 min Scan# 724

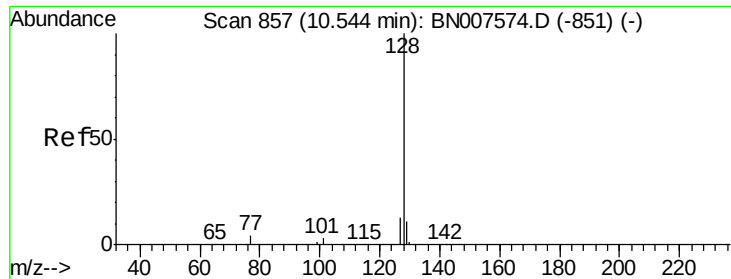
Delta R.T. 0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	8762		
128	35.7		23.4	35.2#
54	39.3		38.2	57.2





#9

Naphthalene

Concen: 0.432 ng

RT: 10.54 min Scan# 857

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

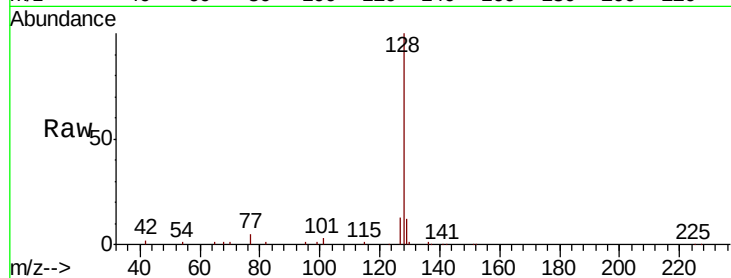
ClientSampleId :

PB122993BS

Tot Ion:	128	Resp:	31933
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.3	13.9
127	13.1	11.0	16.4

Manual Integrations
APPROVED

mohammad
9/16/2019 9:01:07 AM

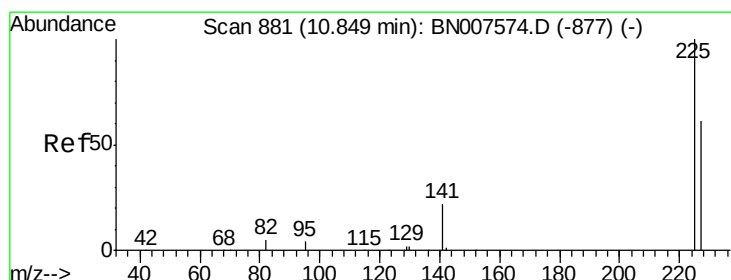
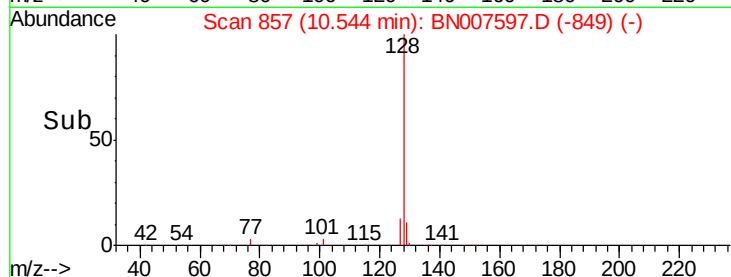
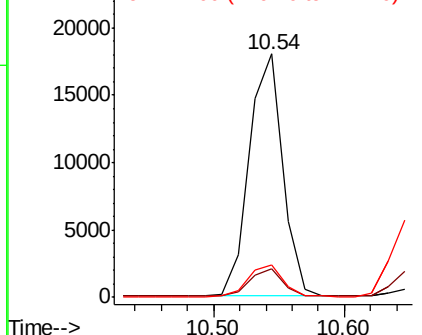


Abundance

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: 0.445 ng

RT: 10.85 min Scan# 881

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

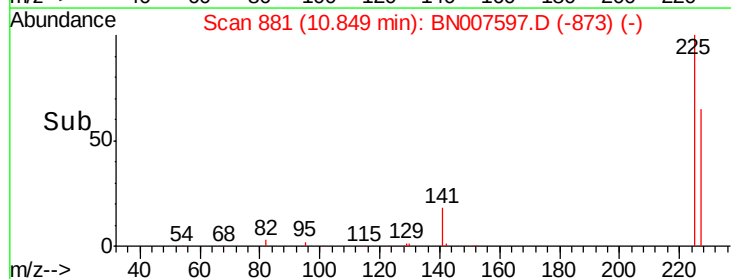
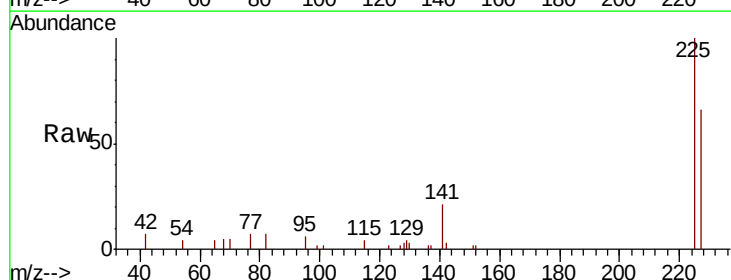
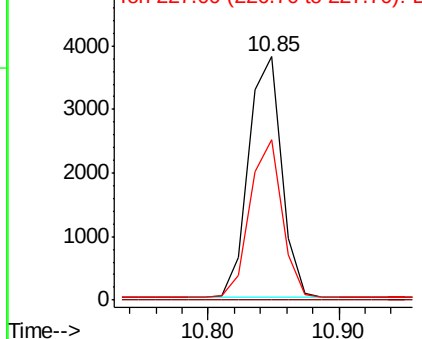
Tgt Ion:	225	Resp:	6594
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.6	50.4	75.6

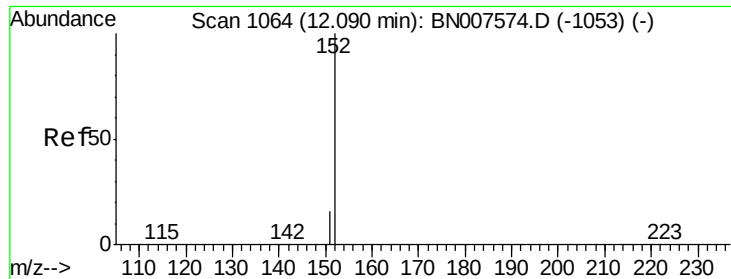
Abundance

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





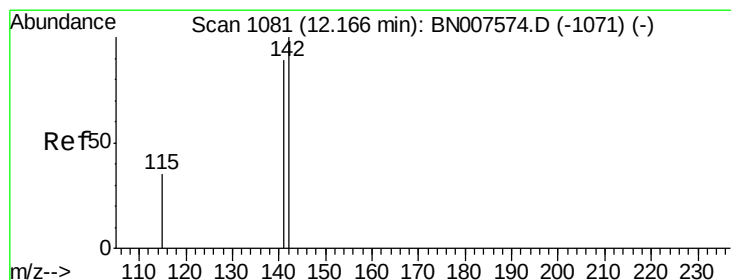
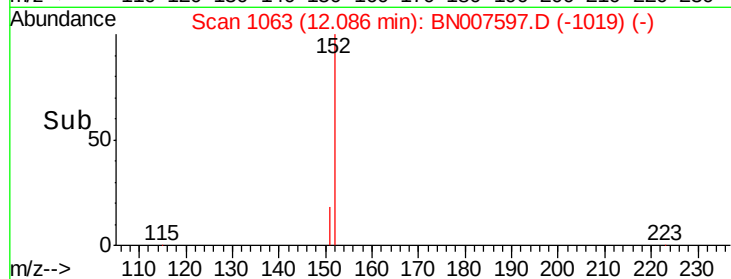
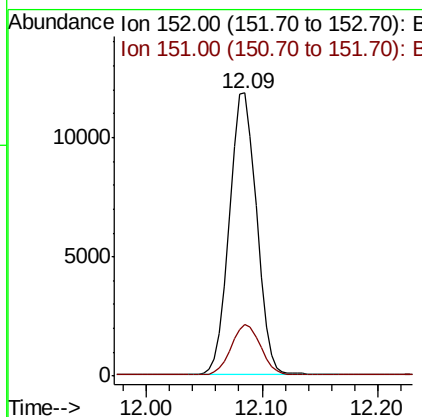
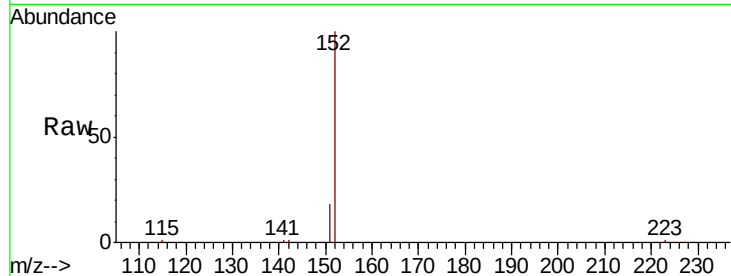
#11
 2-Methylnaphthalene-d10
 Concen: 0.416 ng
 RT: 12.09 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Instrument :
 BNA_N
 ClientSampled :
 PB122993BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

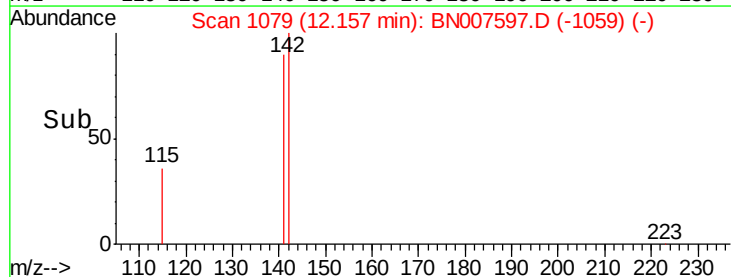
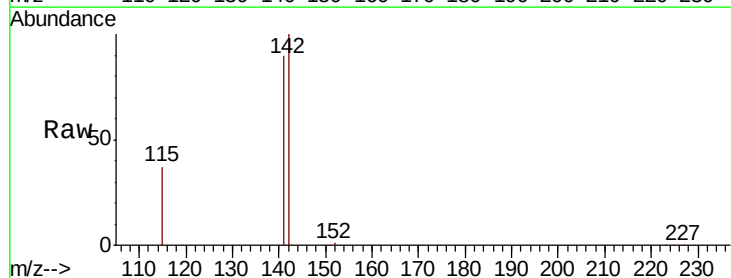
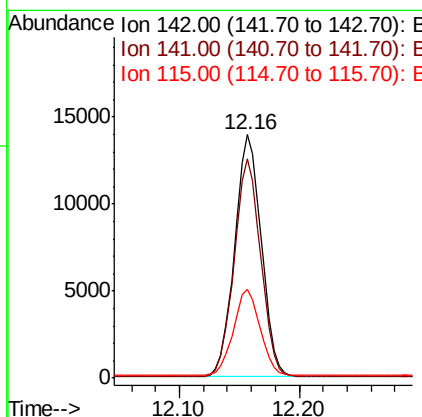
Manual Integrations
 APPROVED

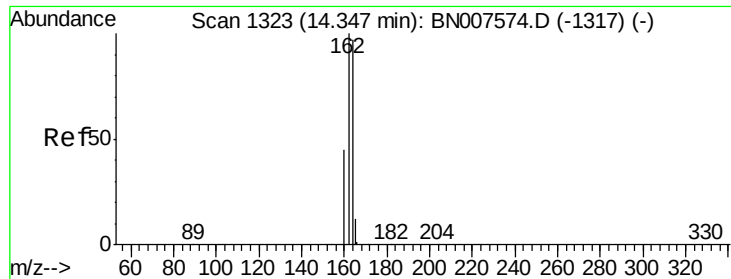
mohammad
 9/16/2019 9:01:07 AM



#12
 2-Methylnaphthalene
 Concen: 0.414 ng
 RT: 12.16 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	36.7	29.1	43.7





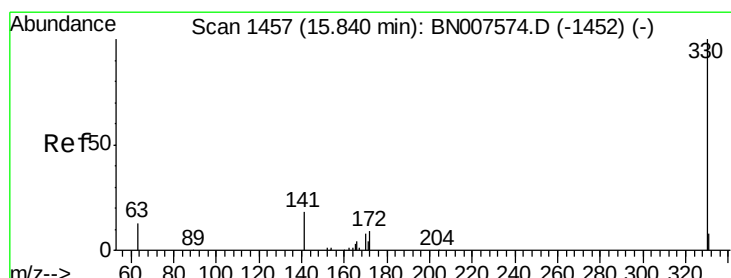
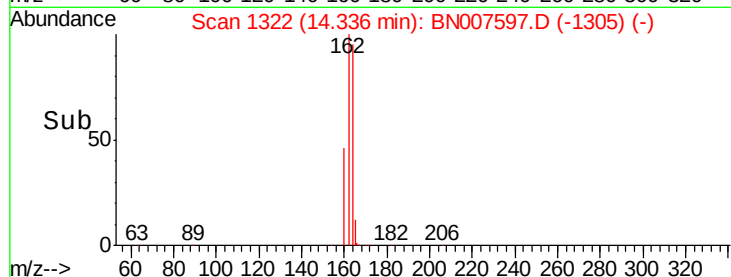
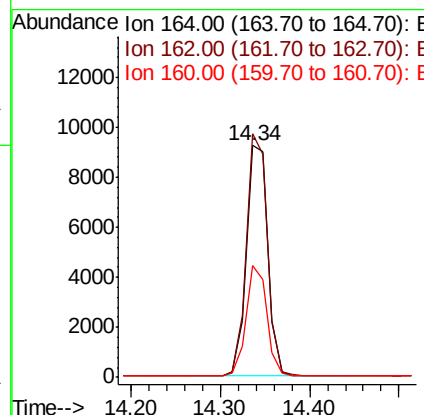
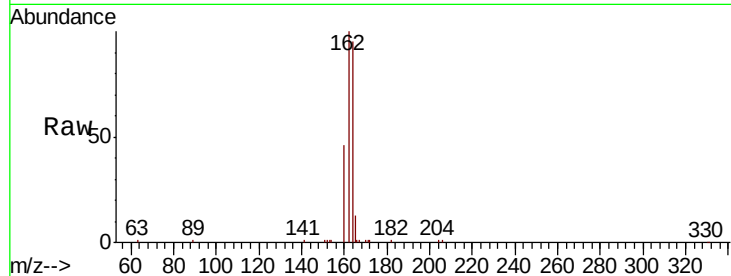
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Instrument :
BNA_N
ClientSampleId :
PB122993BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.2	123.2
160	48.1	37.4	56.0

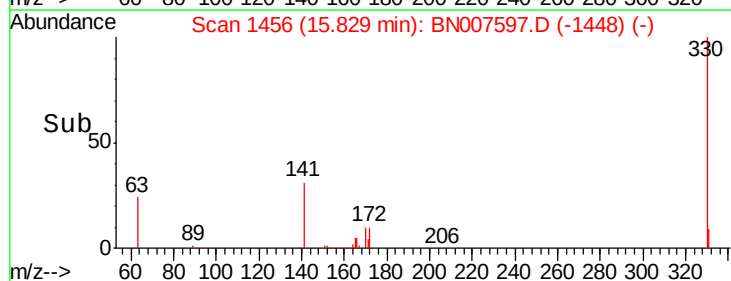
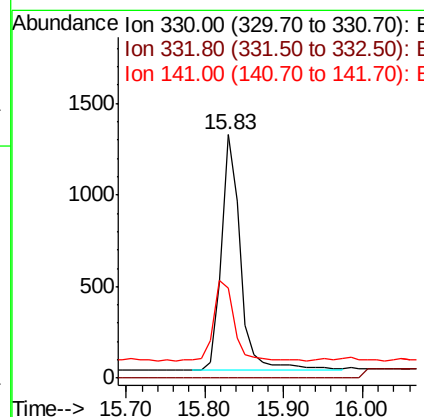
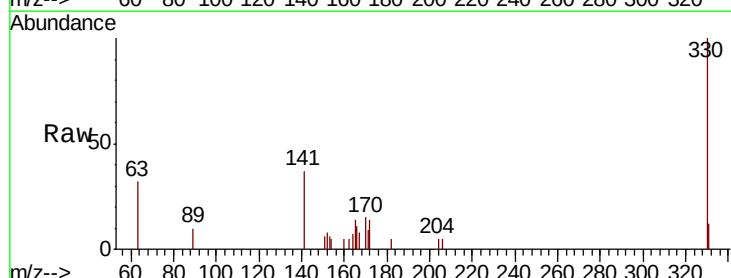
Manual Integrations
APPROVED

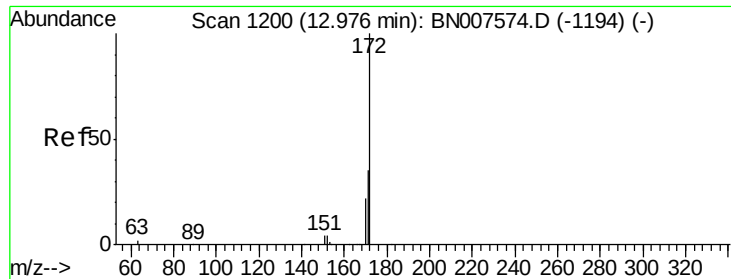
mohammad
9/16/2019 9:01:07 AM



#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.3	30.6	45.8





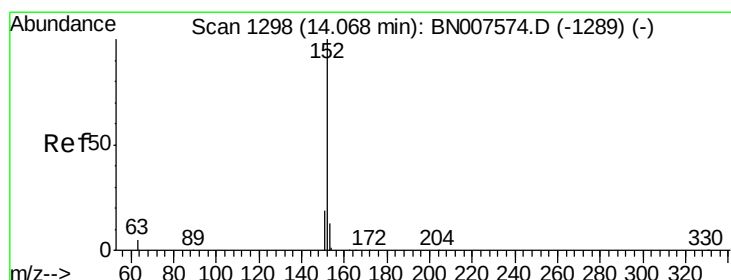
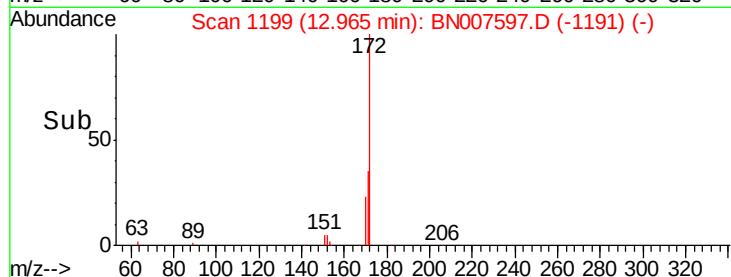
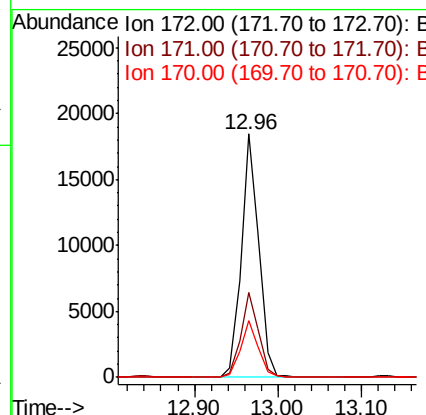
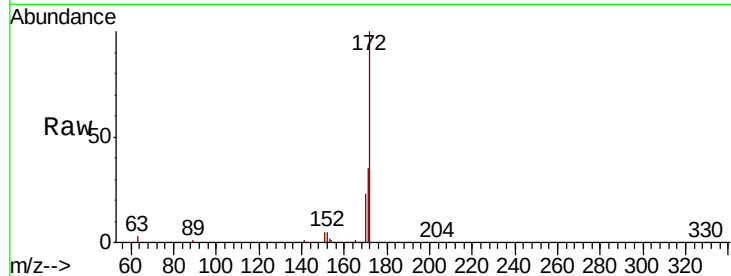
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Instrument :
BNA_N
ClientSampleId :
PB122993BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.3	18.3	27.5

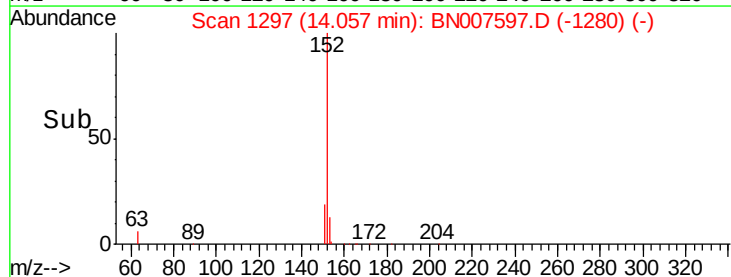
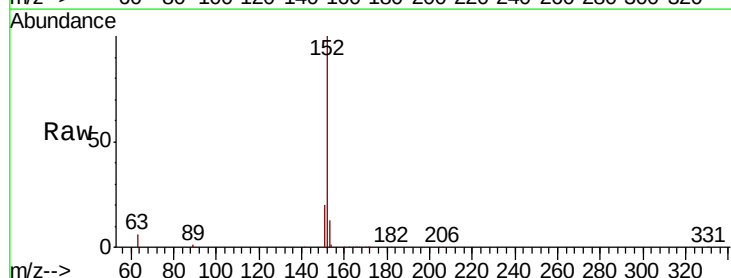
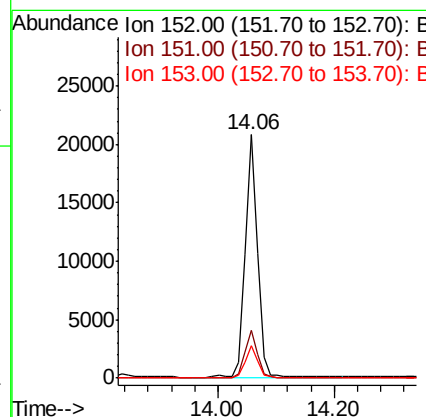
Manual Integrations
APPROVED

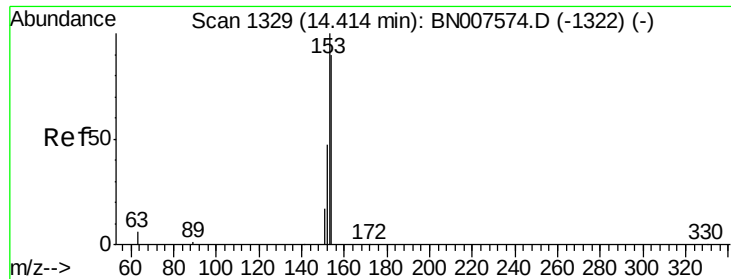
mohammad
9/16/2019 9:01:07 AM



#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.0	10.4	15.6





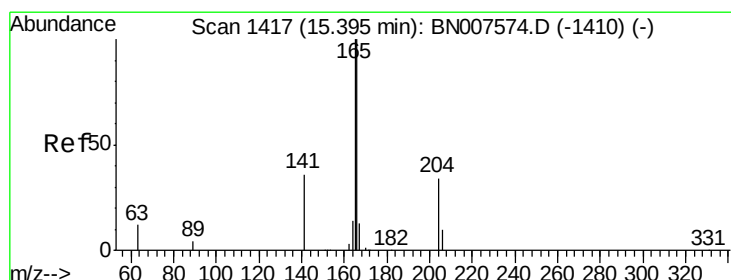
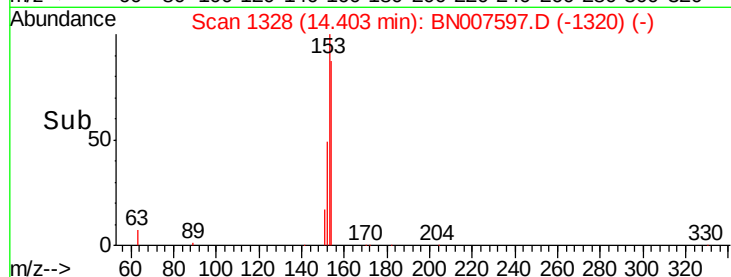
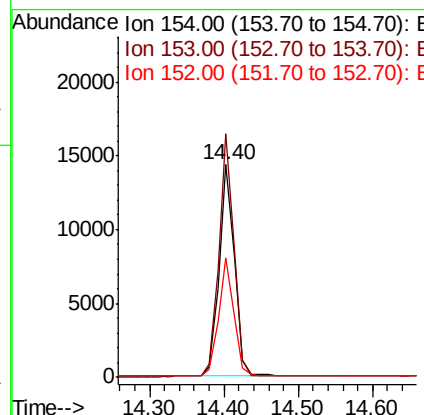
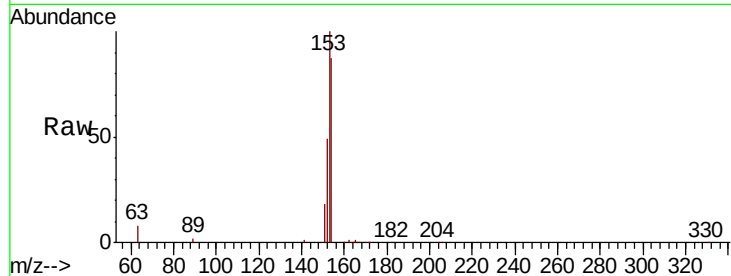
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Instrument :
BNA_N
ClientSampleId :
PB122993BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.4	134.2
152	55.1	43.4	65.0

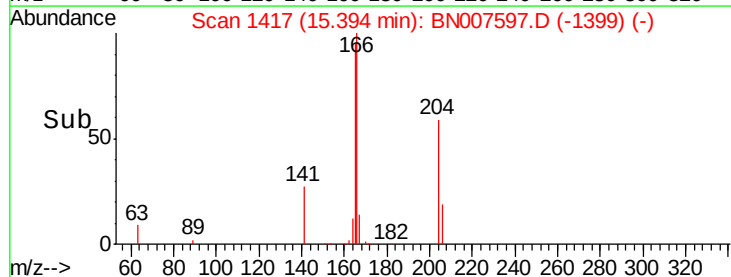
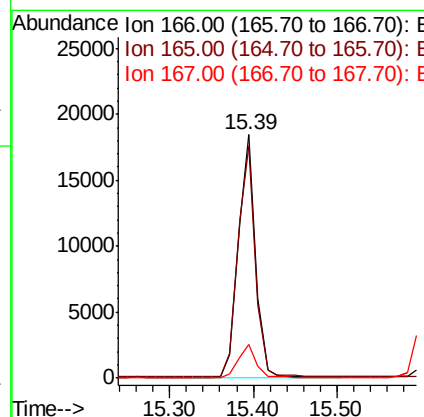
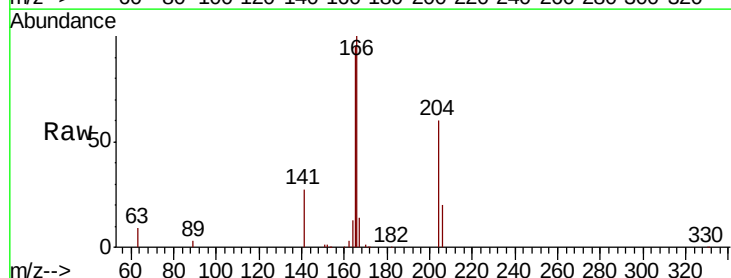
Manual Integrations
APPROVED

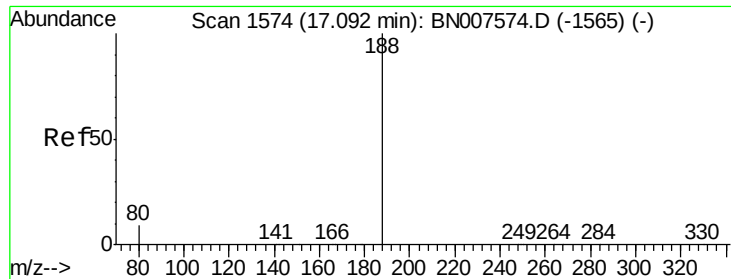
mohammad
9/16/2019 9:01:07 AM



#18
Fluorene
Concen: 0.378 ng
RT: 15.39 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.6
167	13.6	11.0	16.4





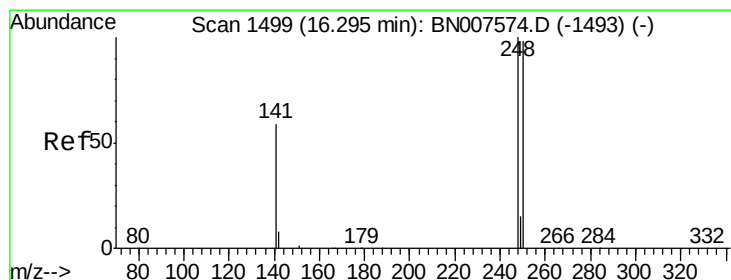
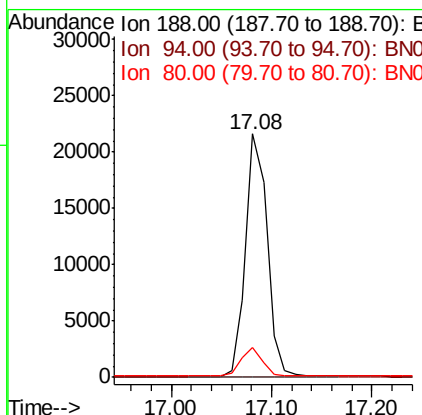
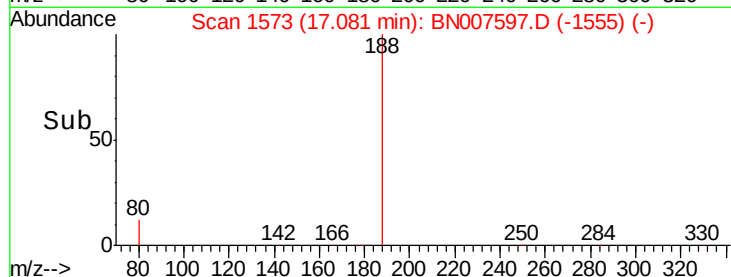
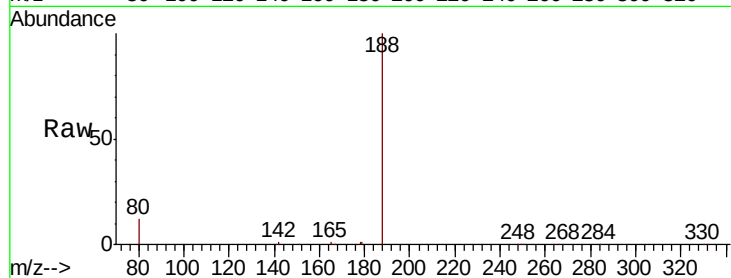
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Instrument :
BNA_N
ClientSampleId :
PB122993BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	8.1	12.1

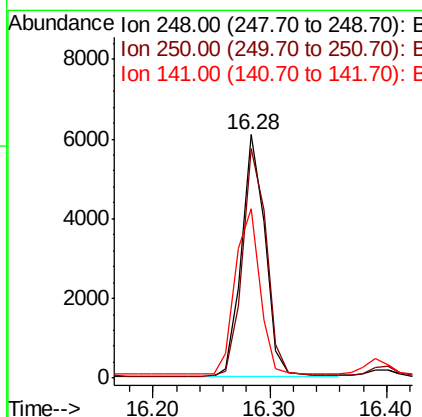
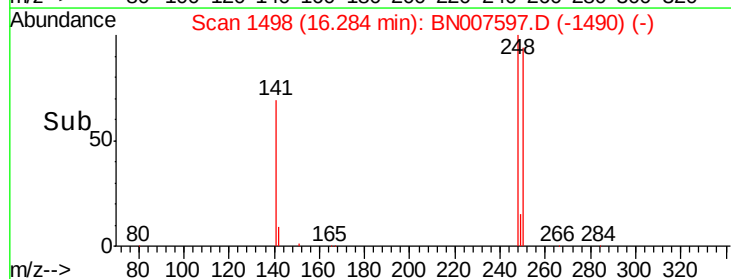
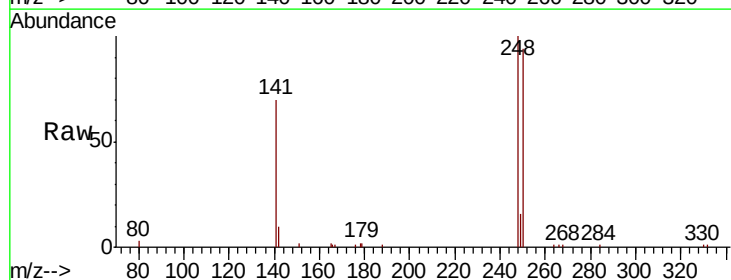
Manual Integrations
APPROVED

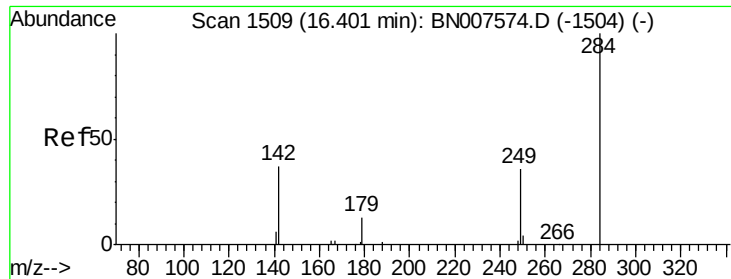
mohammad
9/16/2019 9:01:07 AM



#20
4-Bromophenyl-phenylether
Concen: 0.436 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	94.2	78.9	118.3
141	69.5	48.3	72.5





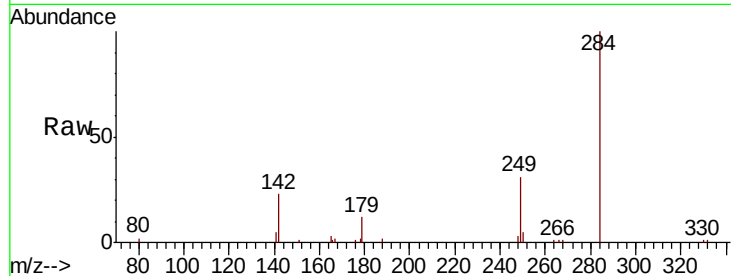
#21
Hexachlorobenzene
Concen: 0.447 ng
RT: 16.40 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Instrument :
BNA_N
ClientSampleId :
PB122993BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.1	27.9	41.9
249	32.9	26.0	39.0

Manual Integrations
APPROVED

mohammad
9/16/2019 9:01:07 AM

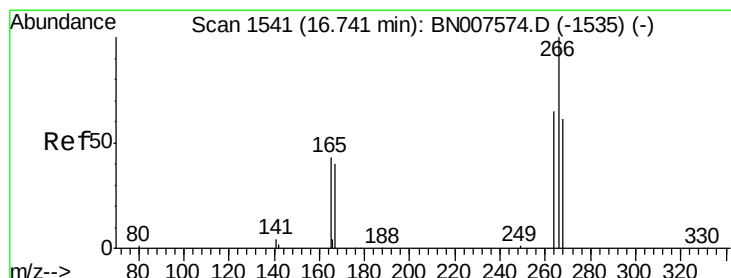
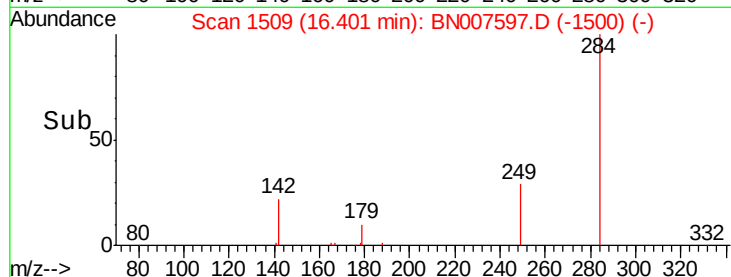
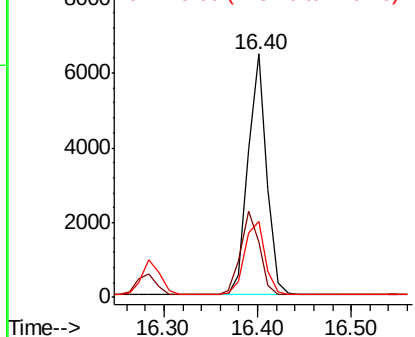


Abundance

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: 0.499 ng
RT: 16.74 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

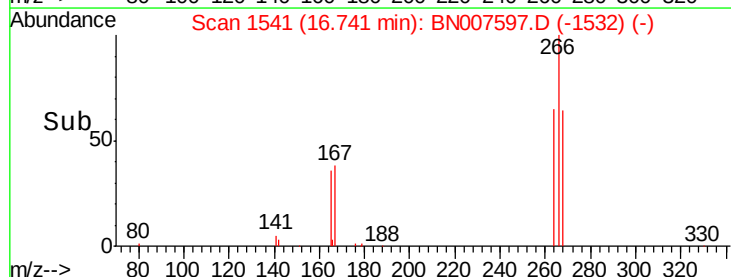
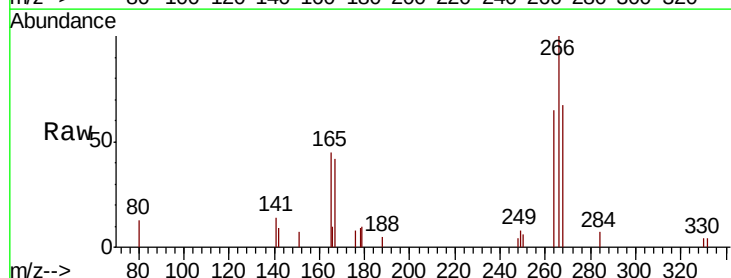
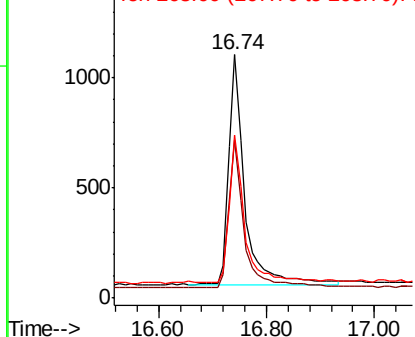
Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.1	52.0	78.0
268	67.0	53.5	80.3

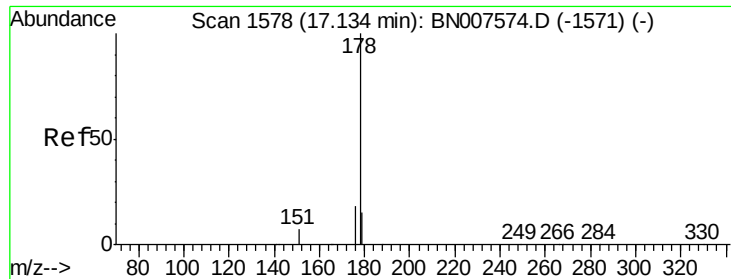
Abundance

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: 0.434 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

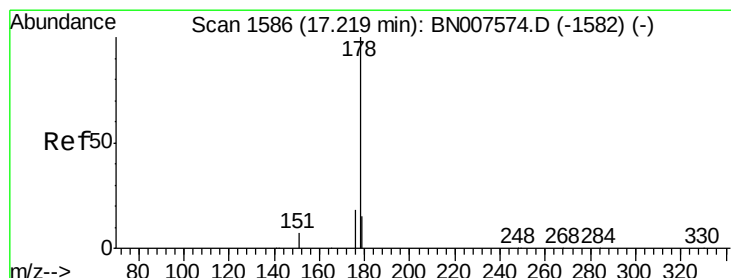
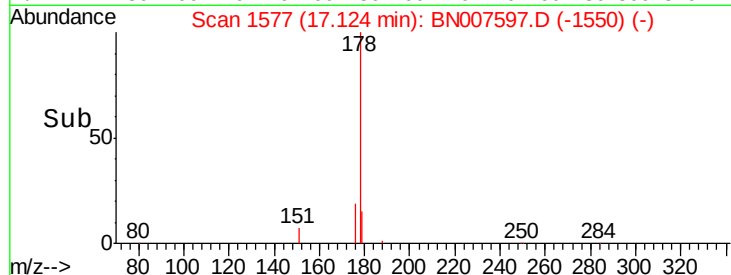
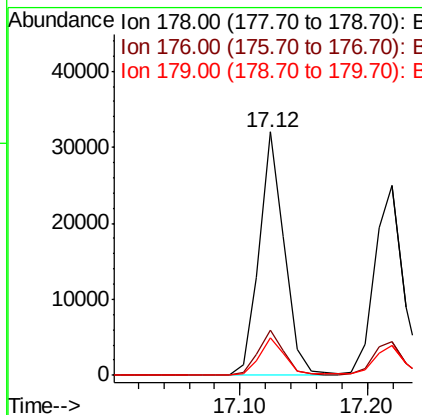
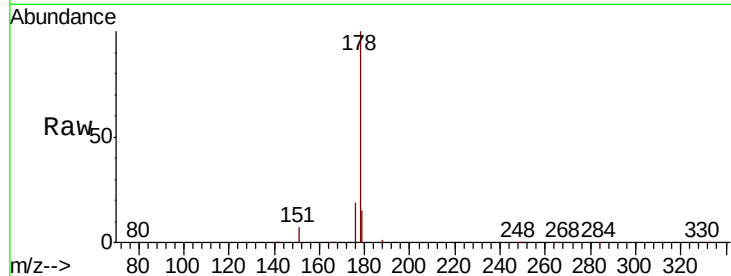
ClientSampleId :

PB122993BS

Tot Ion:178	Resp:	43597
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.0 22.4
179	15.4	12.2 18.2

Manual Integrations
APPROVED

mohammad
9/16/2019 9:01:07 AM



#24

Anthracene

Concen: 0.412 ng

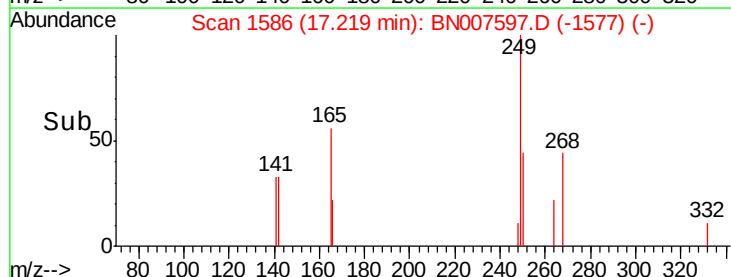
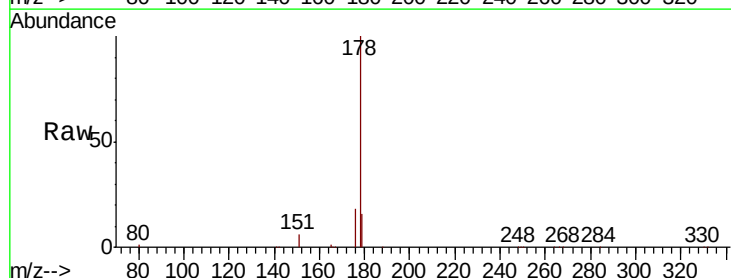
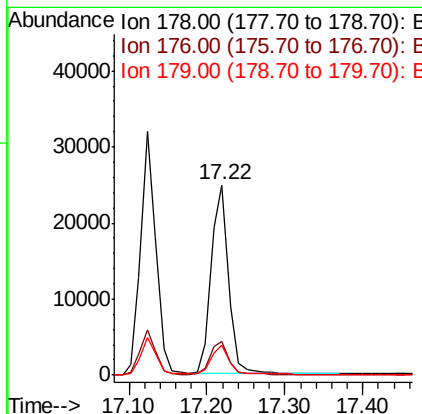
RT: 17.22 min Scan# 1586

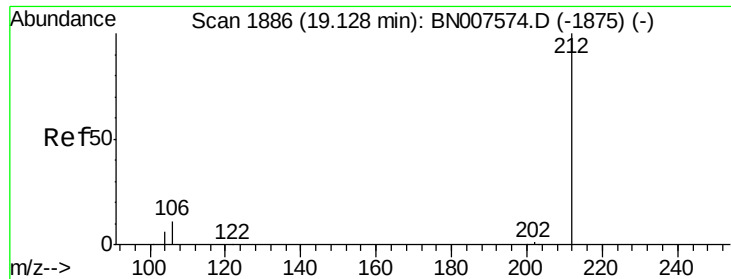
Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Tgt Ion:178	Resp:	38221
Ion Ratio	Lower	Upper
178	100	
176	17.9	14.4 21.6
179	15.3	12.5 18.7





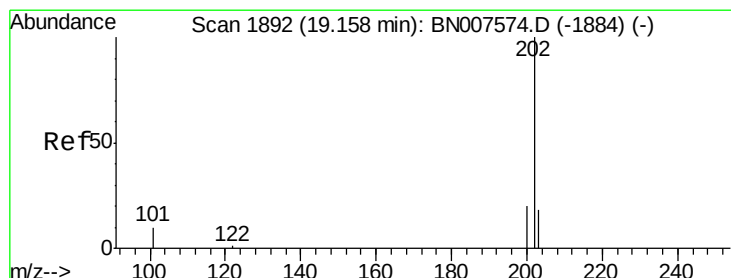
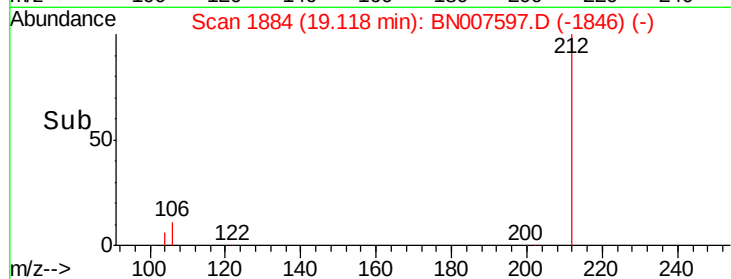
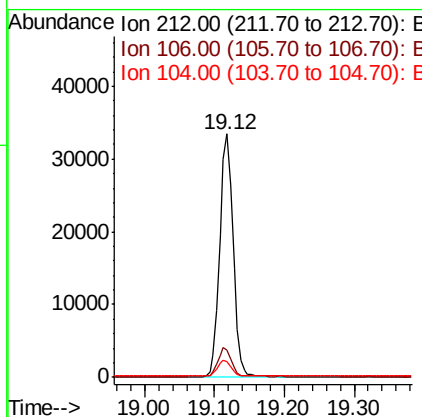
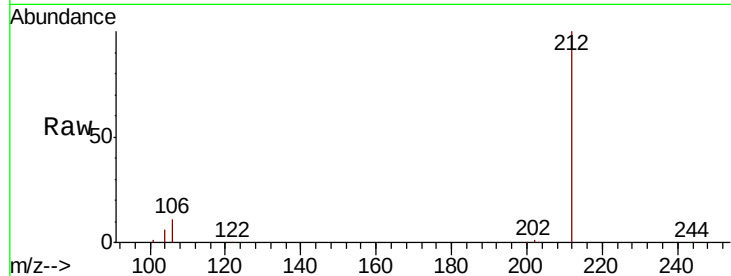
#25
 Fluoranthene-d10
 Concen: 0.419 ng
 RT: 19.12 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Instrument :
 BNA_N
 ClientSampleId :
 PB122993BS

Tot Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.7	14.5
104	6.8	5.5	8.3

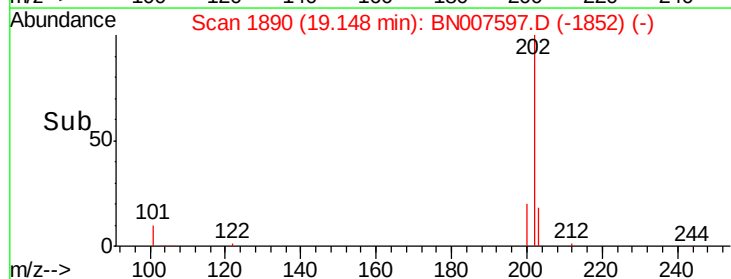
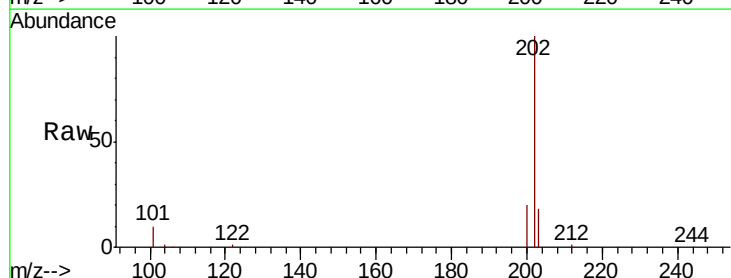
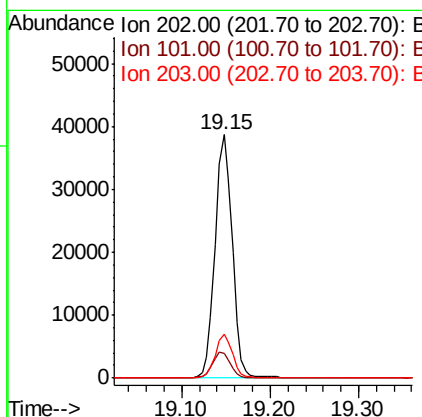
Manual Integrations
 APPROVED

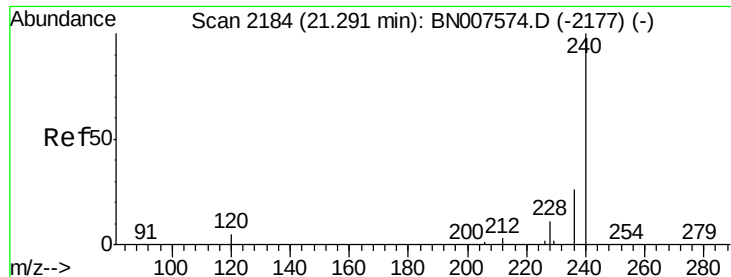
mohammad
 9/16/2019 9:01:07 AM



#26
 Fluoranthene
 Concen: 0.422 ng
 RT: 19.15 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
203	17.4	13.8	20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

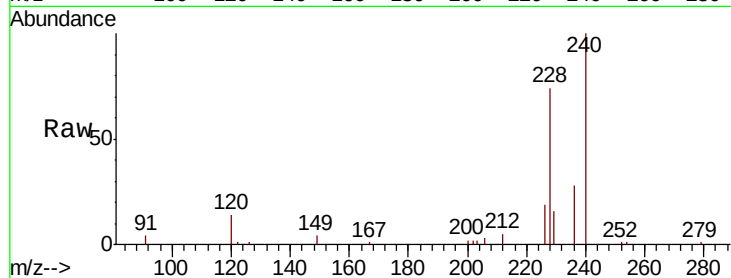
ClientSampleId :

PB122993BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.0	7.4#
236	27.8	20.6	31.0

Manual Integrations
APPROVED

mohammad
9/16/2019 9:01:07 AM

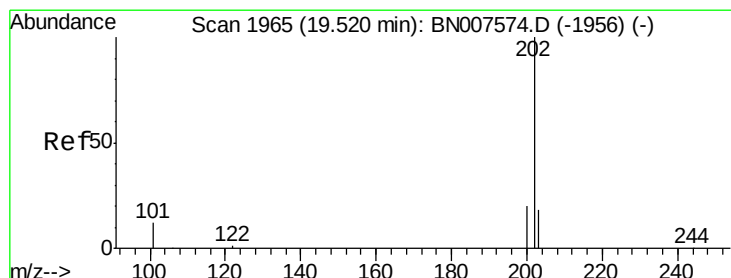
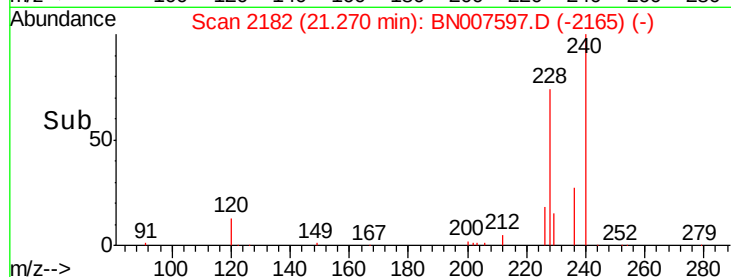
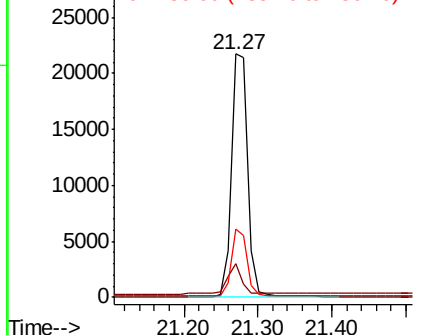


Abundance

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: 0.432 ng

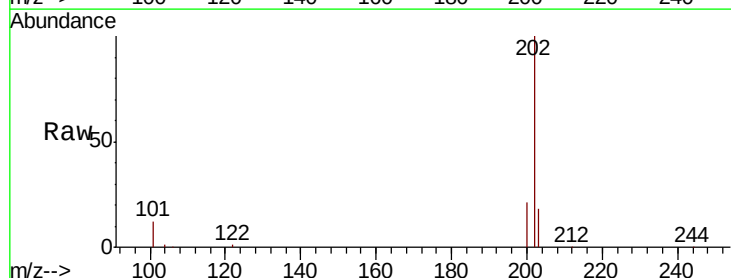
RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	14.1	21.1

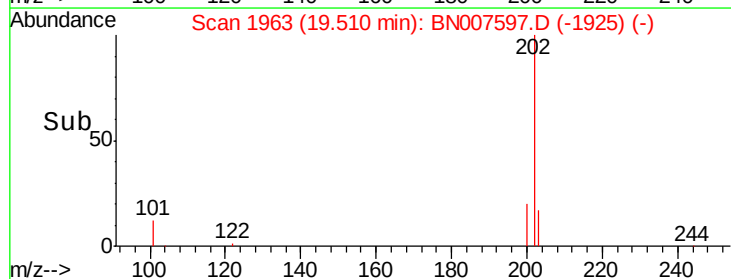
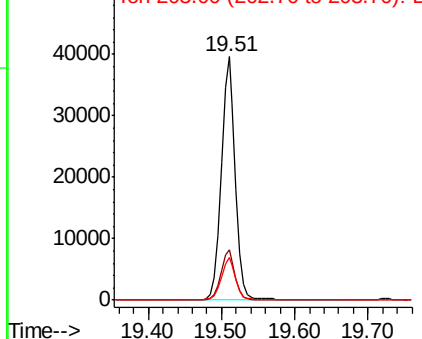


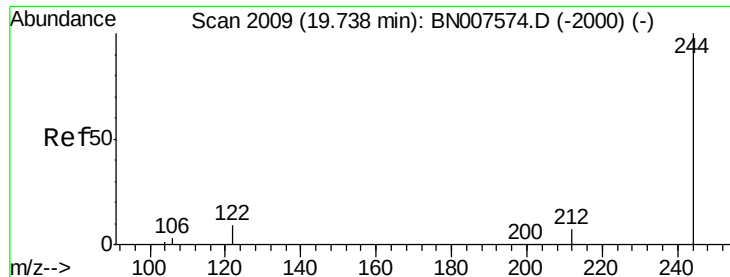
Abundance

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





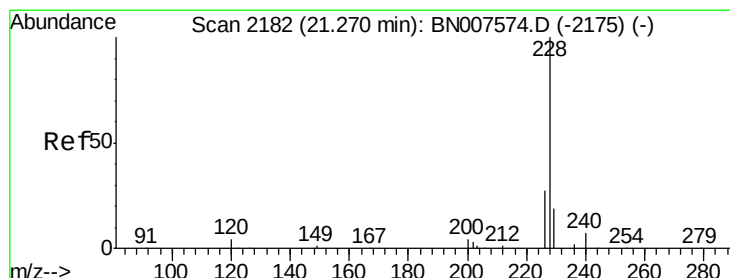
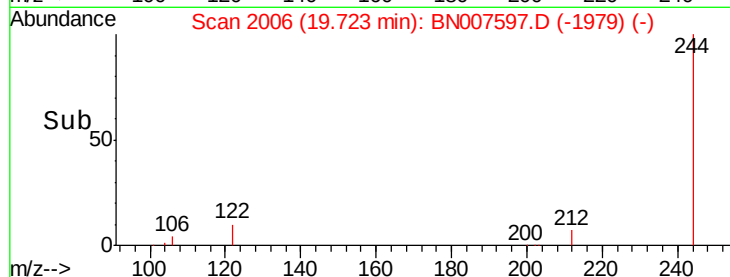
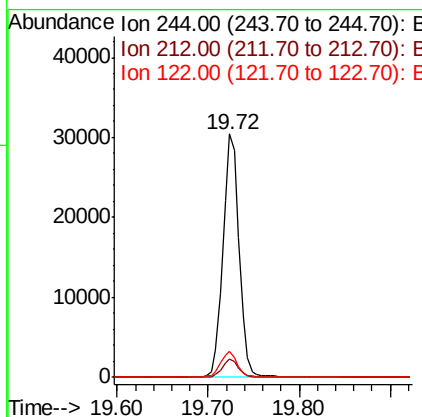
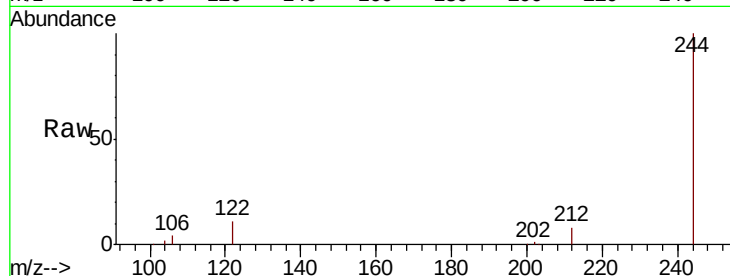
#29
 Terphenyl-d14
 Concen: 0.427 ng
 RT: 19.72 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Instrument :
 BNA_N
 ClientSampleId :
 PB122993BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	10.7	7.8	11.6

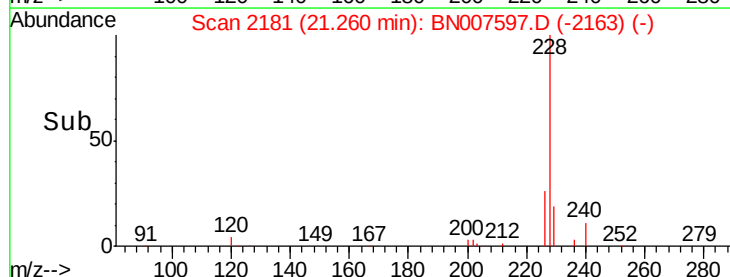
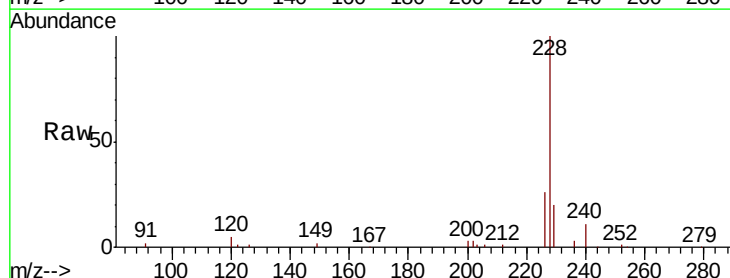
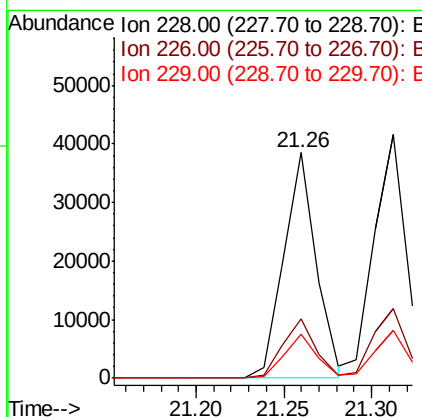
Manual Integrations
 APPROVED

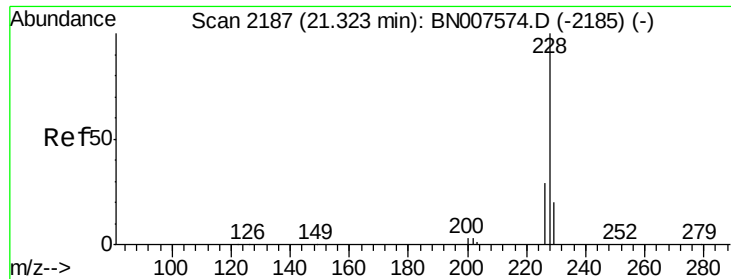
mohammad
 9/16/2019 9:01:07 AM



#30
 Benzo(a)anthracene
 Concen: 0.413 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.6	32.4
229	19.6	15.7	23.5





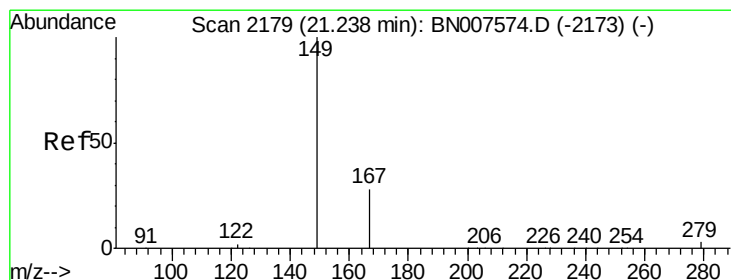
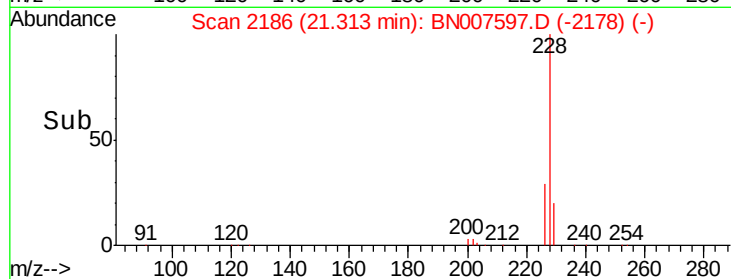
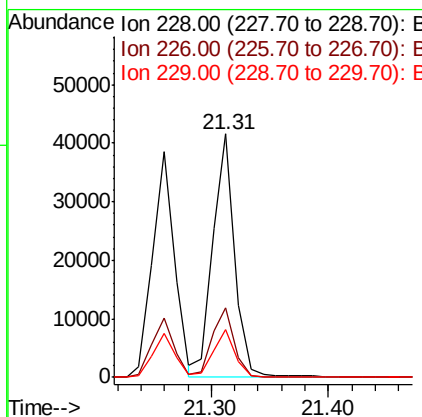
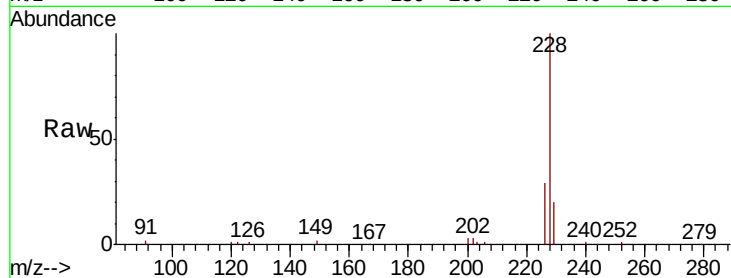
#31
 Chrysene
 Concen: 0.441 ng
 RT: 21.31 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Instrument :
 BNA_N
 ClientSampled :
 PB122993BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	19.7	15.7	23.5

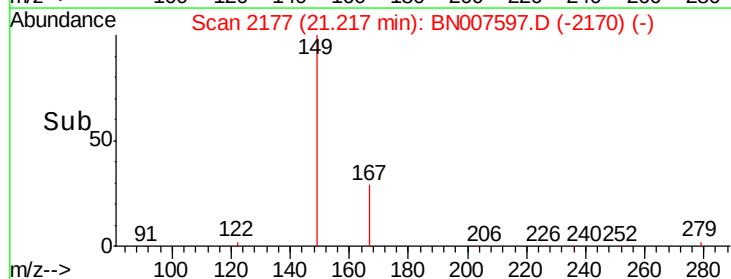
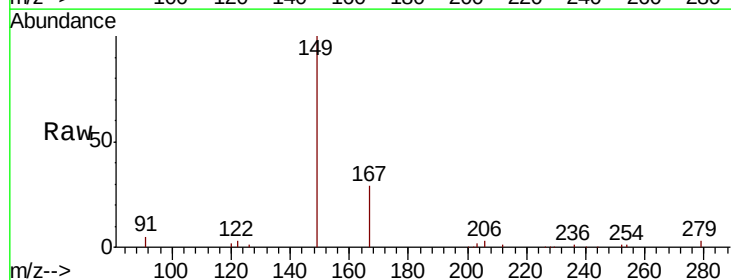
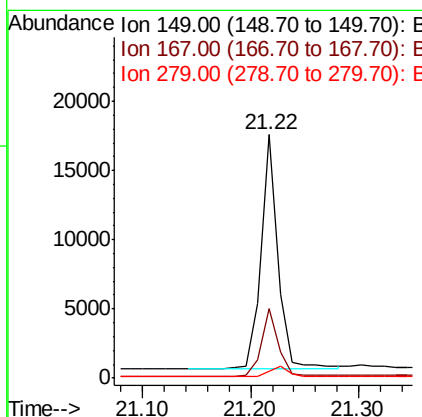
Manual Integrations
 APPROVED

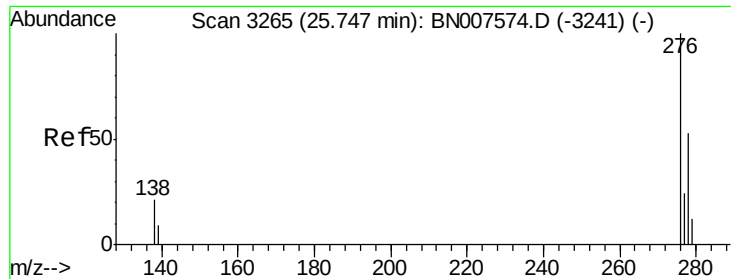
mohammad
 9/16/2019 9:01:07 AM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.445 ng
 RT: 21.22 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.1	33.1
279	4.8	3.9	5.9





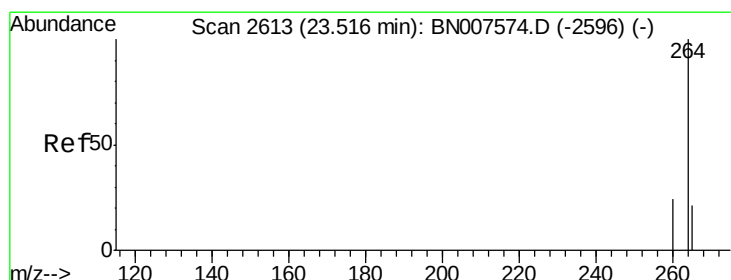
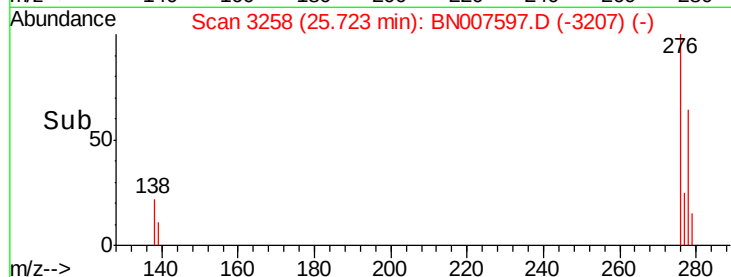
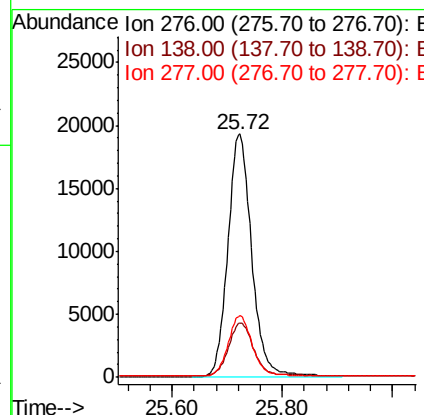
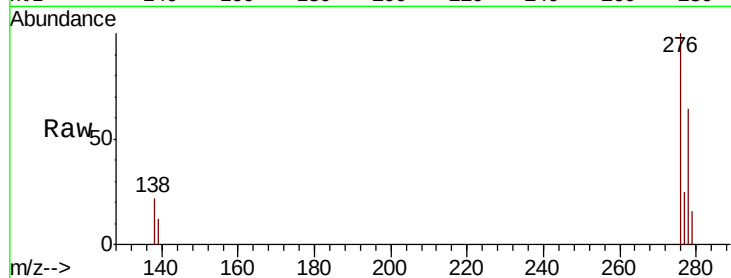
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.449 ng
 RT: 25.72 min Scan# 3258
 Delta R.T. -0.02 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Instrument :
 BNA_N
 ClientSampleId :
 PB122993BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	0.0	0.0#
277	25.3	0.0	0.0#

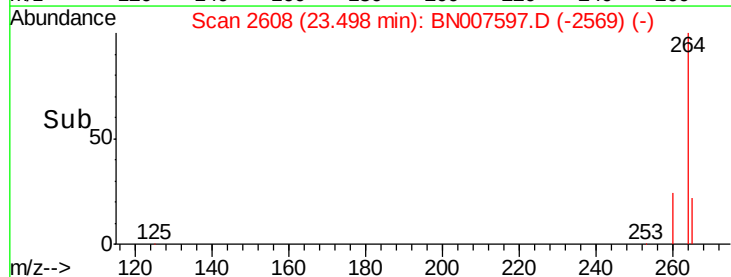
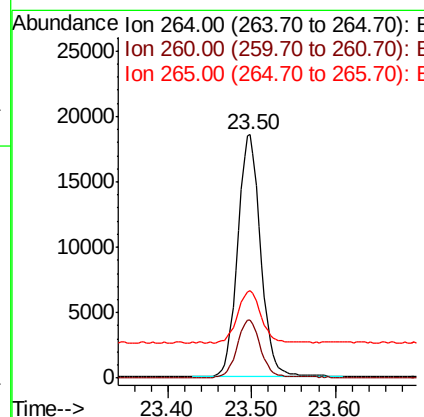
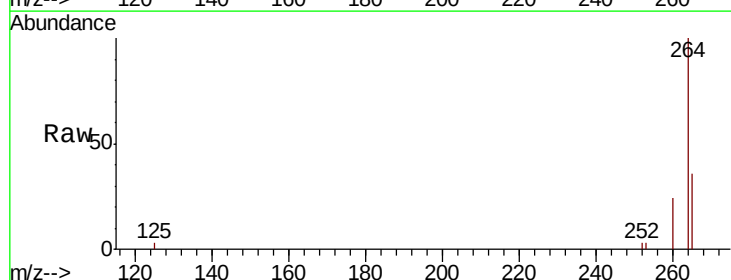
Manual Integrations
 APPROVED

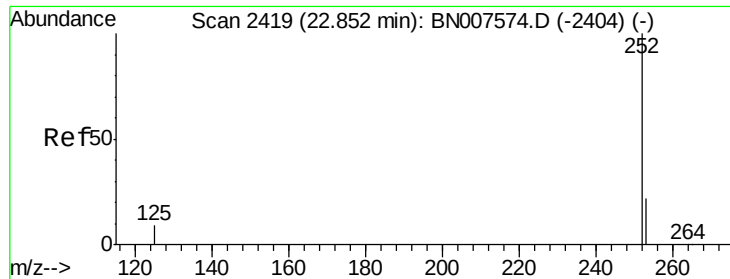
mohammad
 9/16/2019 9:01:07 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2608
 Delta R.T. -0.02 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	35.9	25.6	38.4





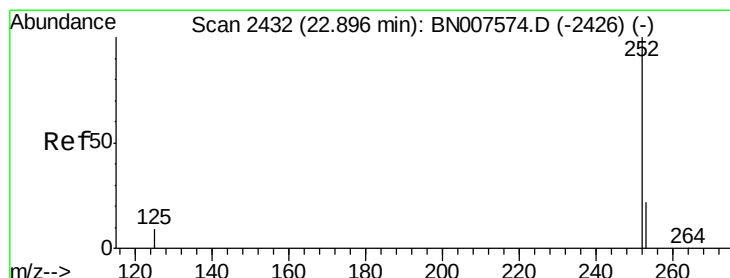
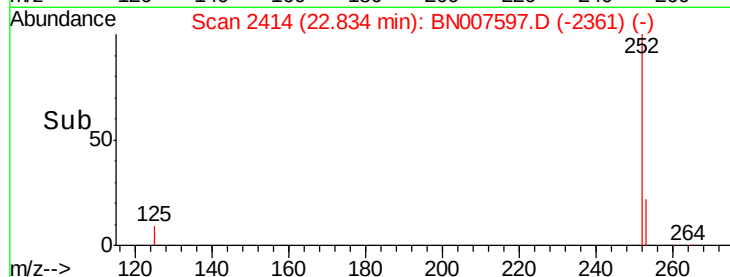
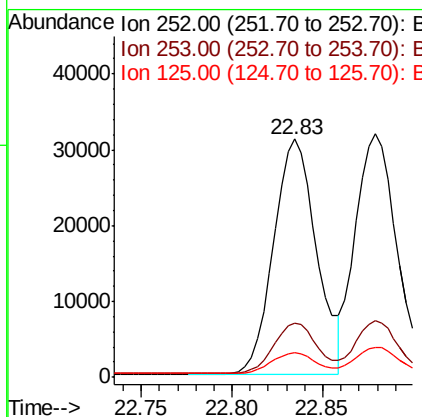
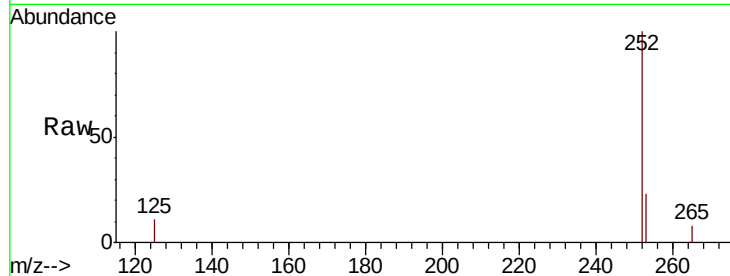
#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 22.83 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Instrument :
BNA_N
ClientSampleId :
PB122993BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	10.5	8.2	12.2

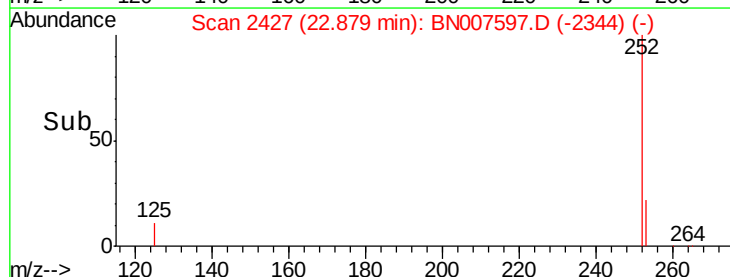
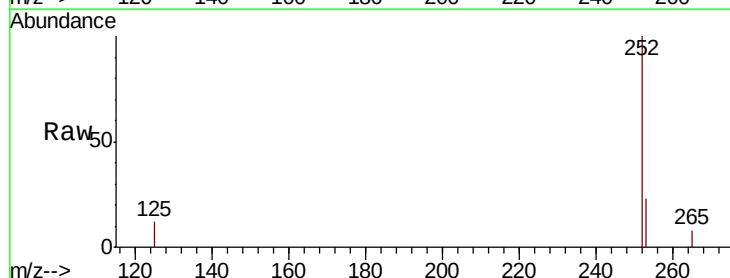
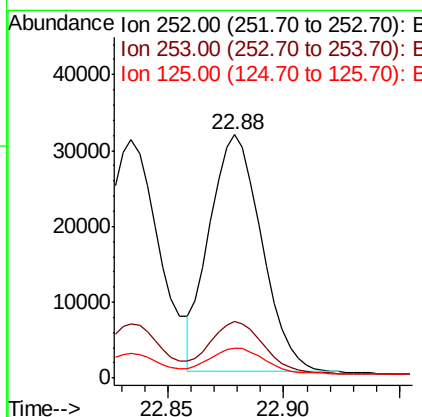
Manual Integrations
APPROVED

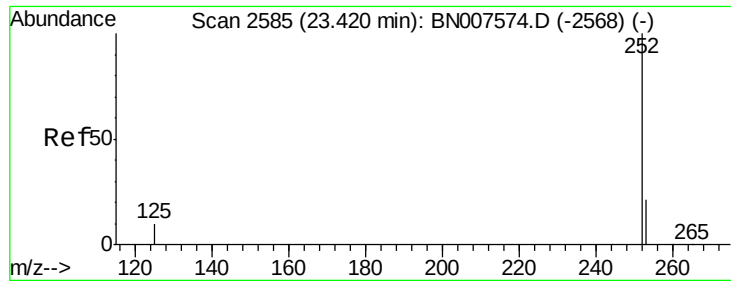
mohammad
9/16/2019 9:01:07 AM



#36
Benzo(k)fluoranthene
Concen: 0.396 ng m
RT: 22.88 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	12.4	8.2	12.2#





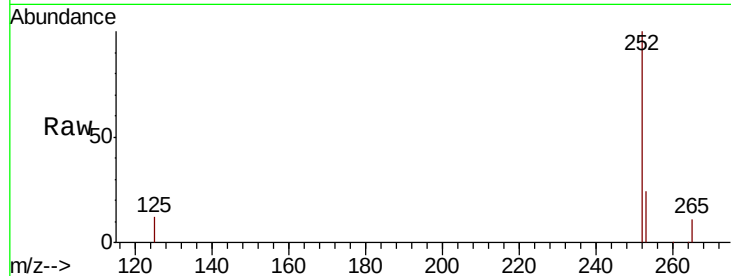
#37
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.40 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Instrument :
BNA_N
ClientSampleId :
PB122993BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	28.0
125	12.2	9.2	13.8

Manual Integrations
APPROVED

mohammad
9/16/2019 9:01:07 AM

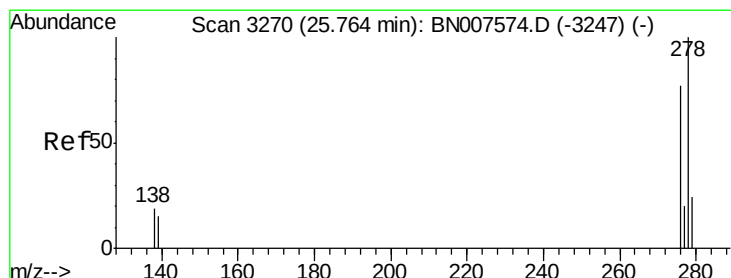
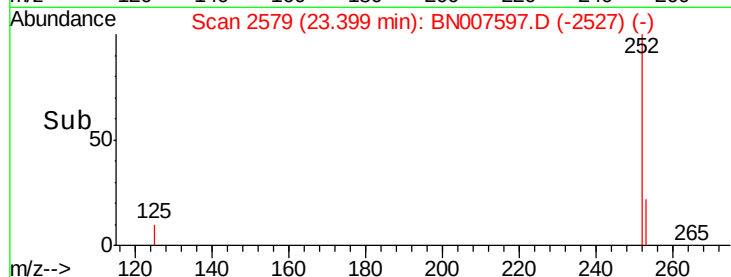
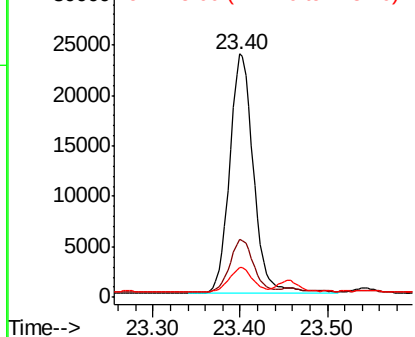


Abundance

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: 0.428 ng
RT: 25.74 min Scan# 3262
Delta R.T. -0.03 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

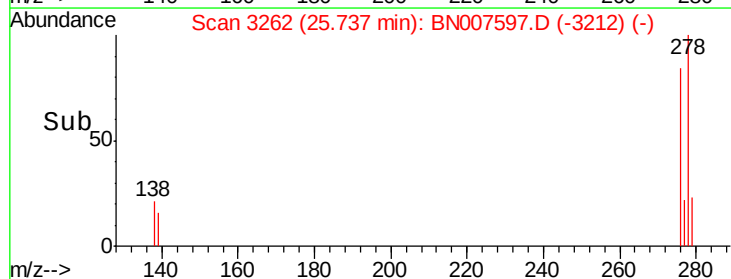
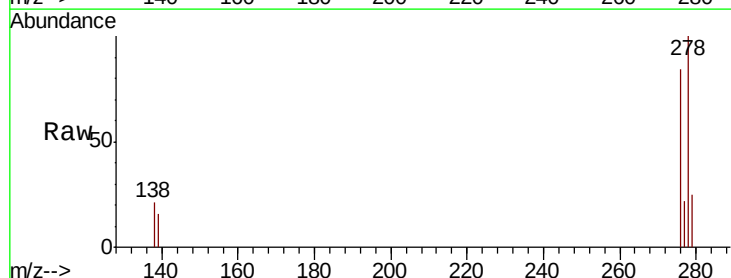
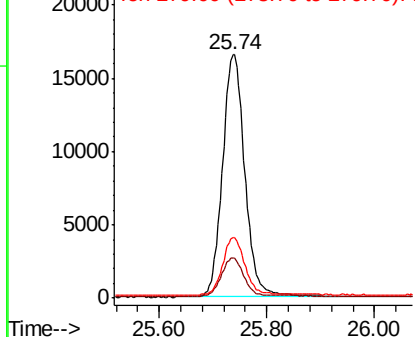
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.5	18.7
279	24.7	20.2	30.2

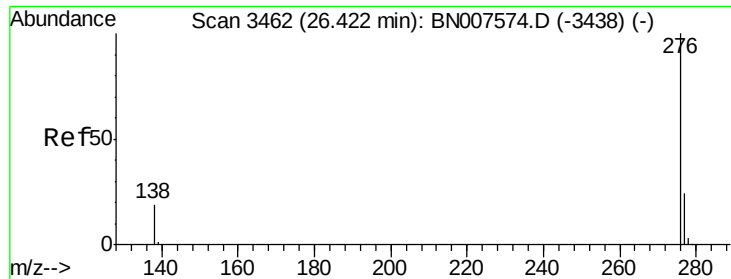
Abundance

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: 0.413 ng

RT: 26.39 min Scan# 3453

Delta R.T. -0.03 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

PB122993BS

Tot Ion:	276	Resp:	46868
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.7	29.5
138	20.0	15.9	23.9

Manual Integrations
APPROVED

mohammad
9/16/2019 9:01:07 AM

