

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010337.D
 Acq On : 24 Mar 2020 21:40
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:28:45 PM

Quant Time: Mar 25 04:13:25 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 19 15:26:45 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3977	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13666	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	7982	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18769	0.40	ng	0.00
27) Chrysene-d12	21.19	240	19194	0.40	ng	0.00
34) Perylene-d12	23.35	264	18495	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.25	112	3165	0.40	ng	0.00
5) Phenol-d6	6.80	99	3969	0.41	ng	0.00
8) Nitrobenzene-d5	8.74	82	3385	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9756	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1087	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	12505	0.41	ng	-0.01
25) Fluoranthene-d10	19.02	212	24595	0.43	ng	0.00
29) Terphenyl-d14	19.63	244	17028	0.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	1441	0.386	ng	94
3) n-Nitrosodimethylamine	3.57	42	1181m	0.374	ng	
6) bis(2-Chloroethyl)ether	7.05	93	3820	0.406	ng	99
9) Naphthalene	10.42	128	13877	0.407	ng	98
10) Hexachlorobutadiene	10.73	225	3425	0.415	ng	# 100
12) 2-Methylnaphthalene	12.04	142	9477	0.401	ng	96
16) Acenaphthylene	13.95	152	11786	0.376	ng	100
17) Acenaphthene	14.30	154	9175	0.411	ng	99
18) Fluorene	15.29	166	11812	0.399	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	4359	0.383	ng	# 90
21) Hexachlorobenzene	16.31	284	5019	0.429	ng	100
22) Pentachlorophenol	16.65	266	1316	0.329	ng	96
23) Phenanthrene	17.02	178	20741	0.402	ng	100
24) Anthracene	17.11	178	16445	0.373	ng	100
26) Fluoranthene	19.05	202	24938	0.394	ng	100
28) Pyrene	19.41	202	24815	0.415	ng	100
30) Benzo(a)anthracene	21.16	228	23074	0.377	ng	99
31) Chrysene	21.22	228	26611	0.406	ng	98
32) Bis(2-ethylhexyl)phthalate	21.12	149	6164	0.299	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	28812	0.410	ng	99
35) Benzo(b)fluoranthene	22.71	252	25397	0.404	ng	98
36) Benzo(k)fluoranthene	22.75	252	27003	0.422	ng	97
37) Benzo(a)pyrene	23.26	252	20745	0.391	ng	99
38) Dibenzo(a,h)anthracene	25.51	278	23498	0.410	ng	99
39) Benzo(g,h,i)perylene	26.15	276	23989	0.416	ng	100

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

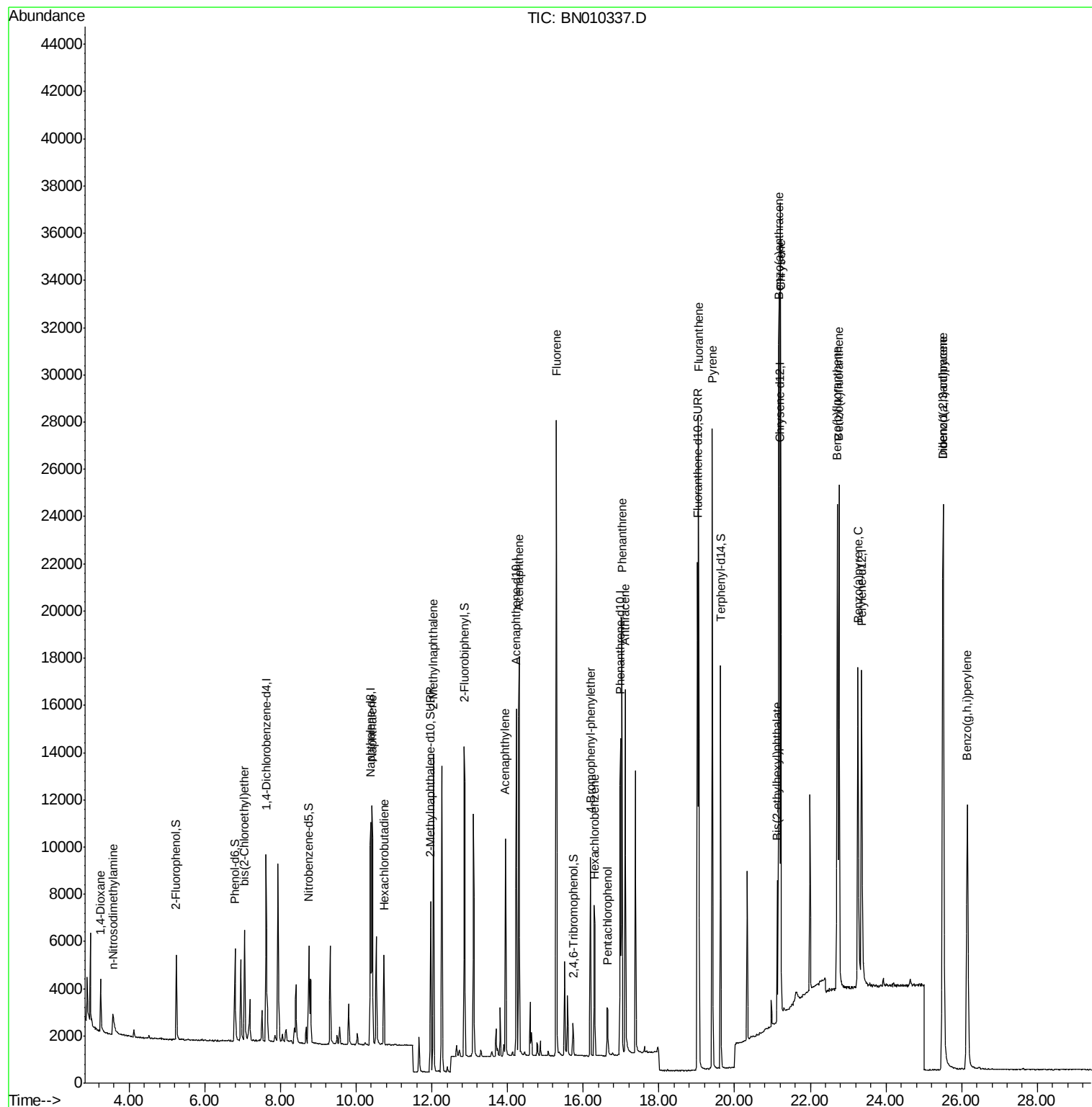
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
Data File : BN010337.D
Acq On : 24 Mar 2020 21:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

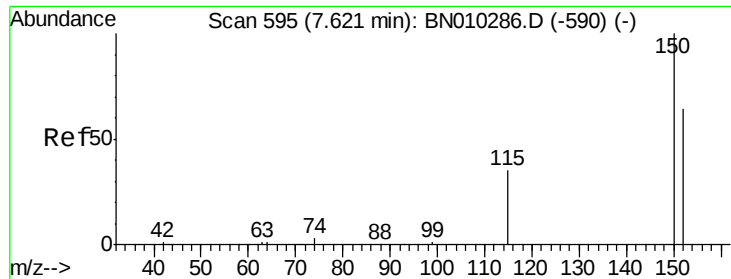
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
3/25/2020 12:28:45 PM

Quant Time: Mar 25 04:13:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration





#1

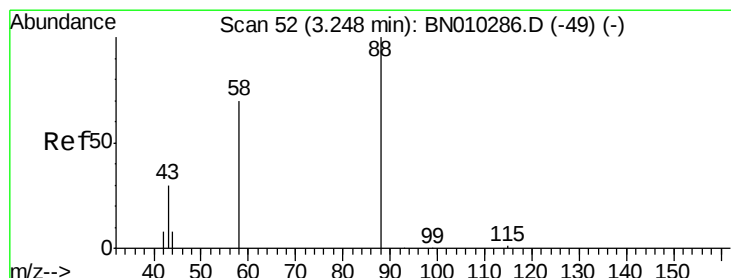
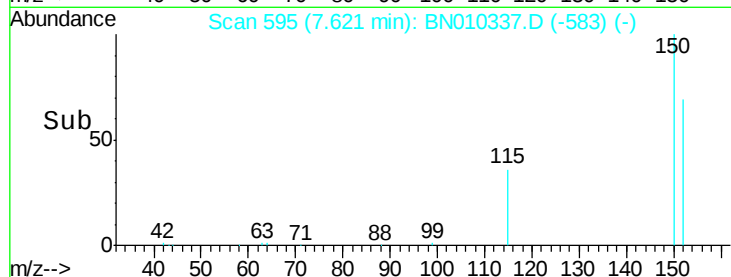
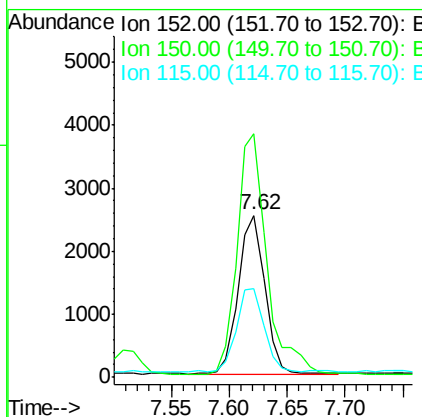
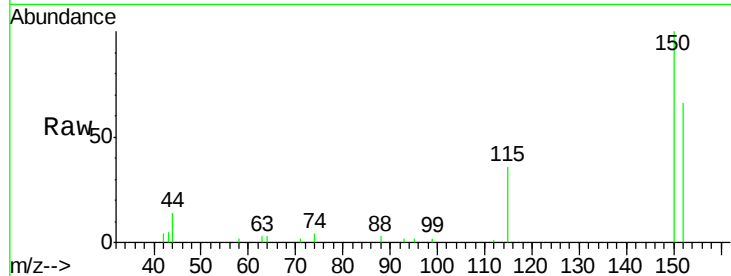
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.1	184.7
115	54.6	45.2	67.8

Manual Integrations
APPROVED

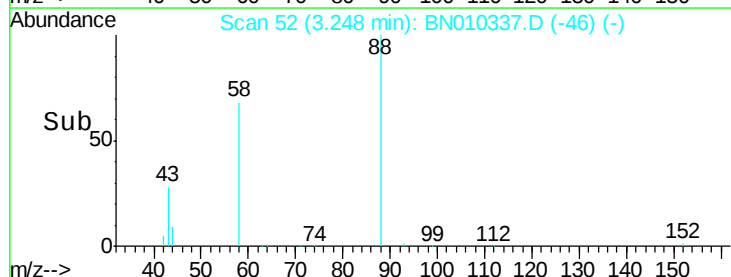
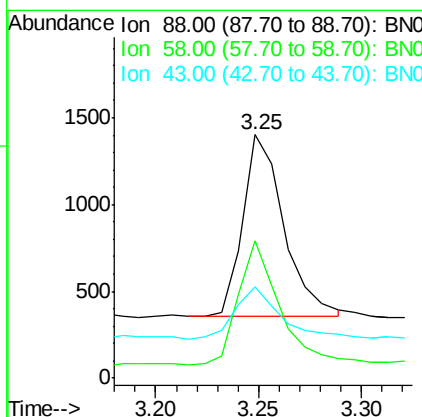
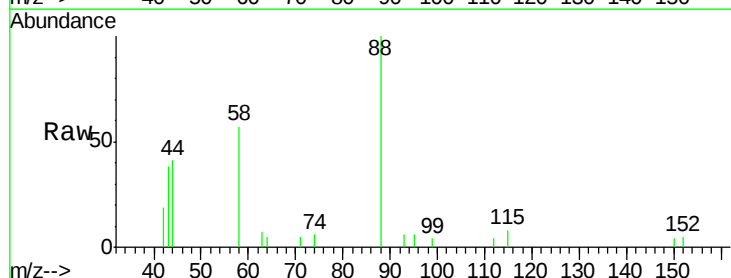
mohammad
3/25/2020 12:28:45 PM

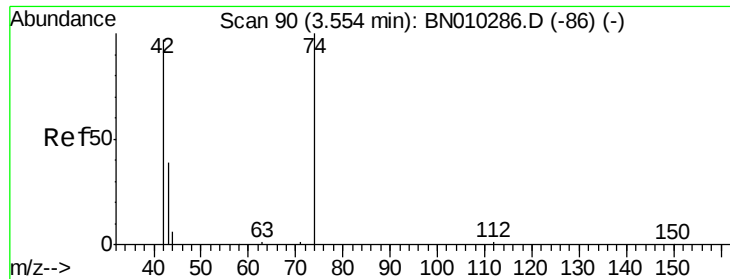


#2

1,4-Dioxane
Concen: 0.386 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	51.7	77.5
43	31.4	21.2	31.8





#3

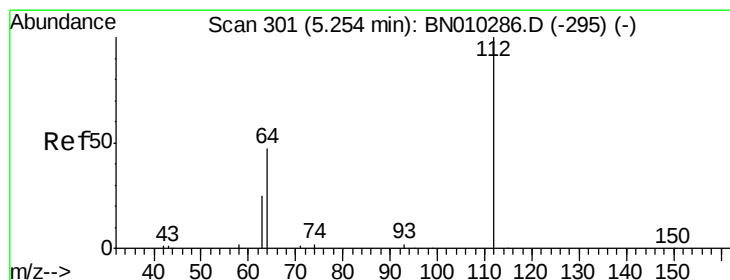
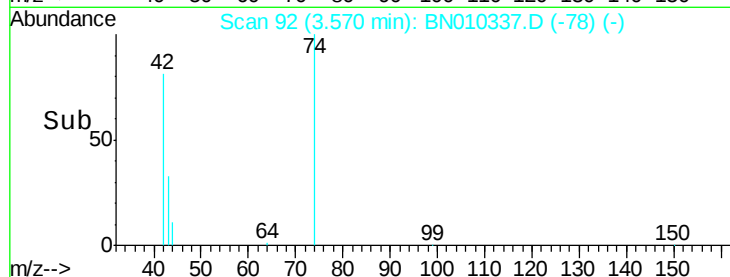
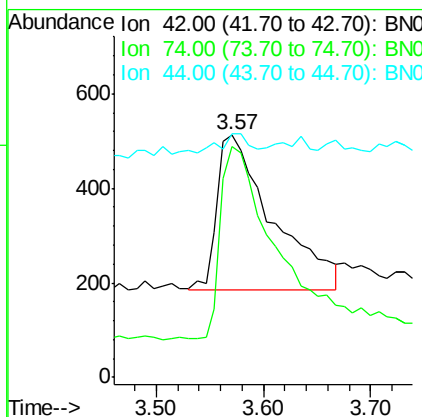
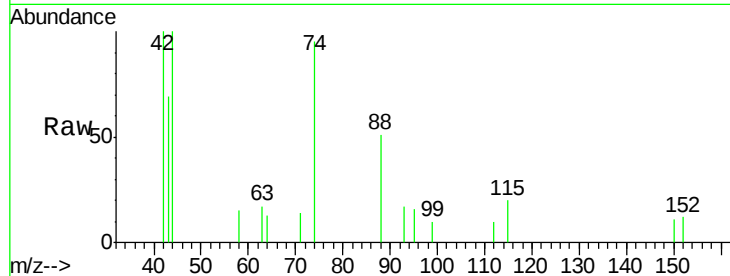
n-Nitrosodimethylamine
 Concen: 0.374 ng/ml
 RT: 3.57 min Scan# 92
 Delta R.T. 0.02 min
 Lab File: BN010337.D
 Acq: 24 Mar 2020 21:40

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
42	100		
74	97.8	99.4	149.0#
44	6.3	4.8	7.2

Manual Integrations
 APPROVED

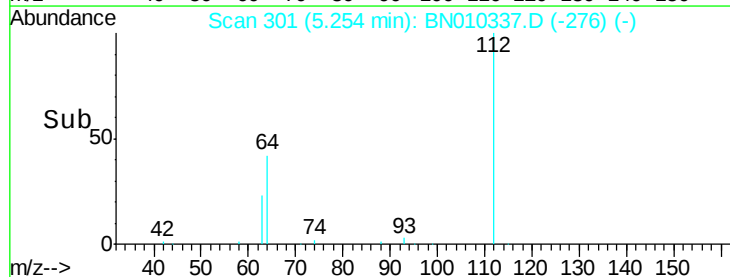
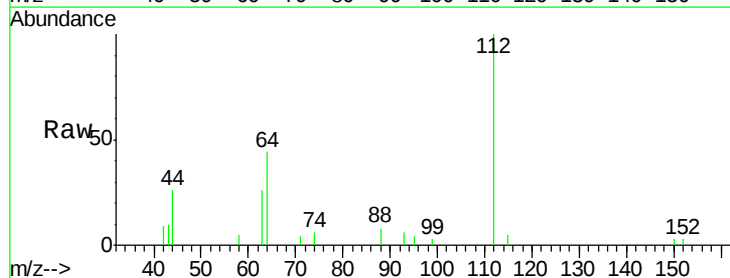
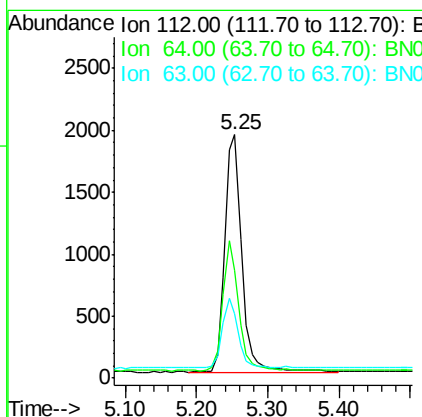
mohammad
 3/25/2020 12:28:45 PM

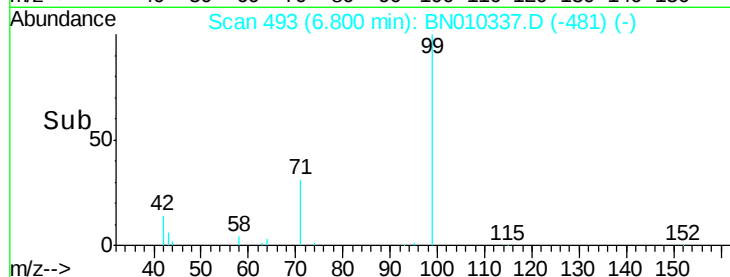
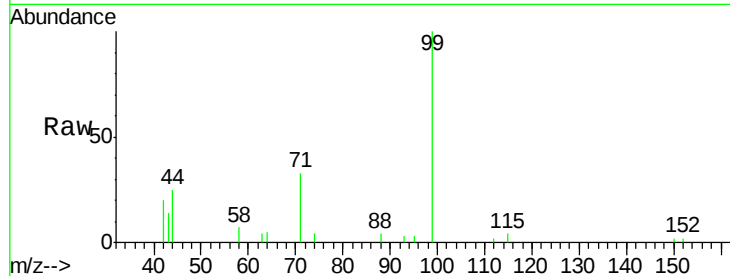
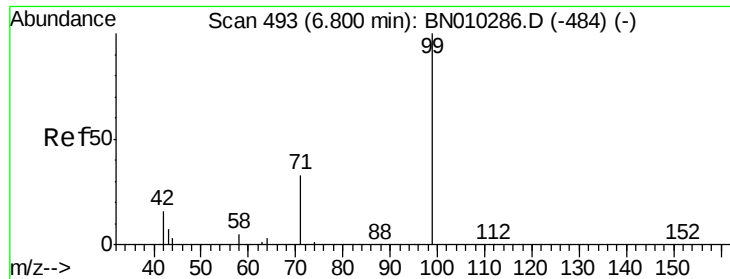


#4

2-Fluorophenol
 Concen: 0.402 ng/ml
 RT: 5.25 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: BN010337.D
 Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.4	62.2
63	27.5	22.9	34.3





#5

Phenol-d6

Concen: 0.405 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Tot Ion:	99	Resp:	3969
Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.8	22.2
71	33.4	27.3	40.9

Instrument :

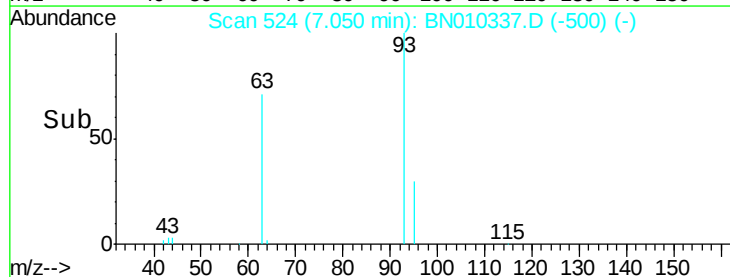
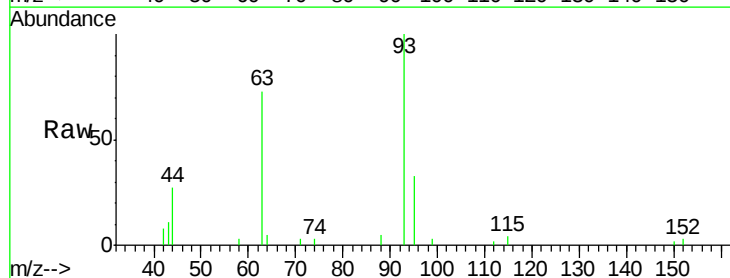
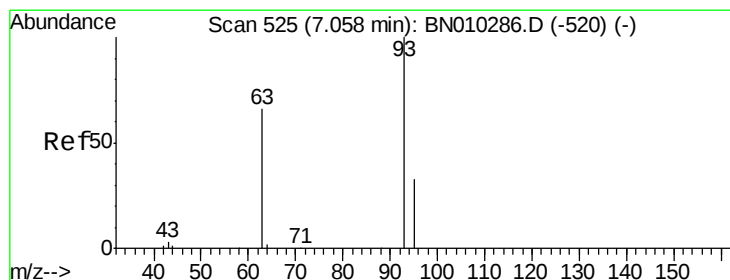
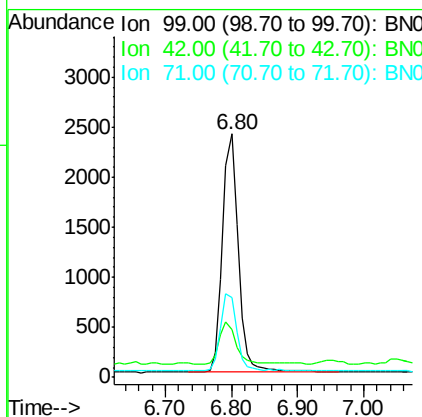
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
3/25/2020 12:28:45 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.406 ng

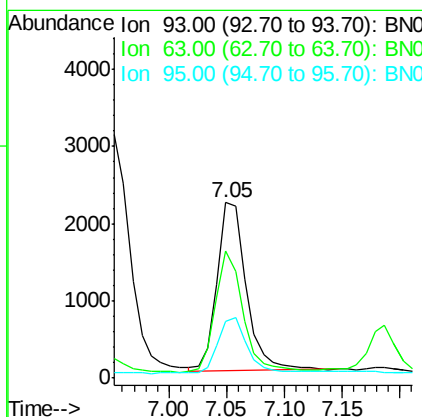
RT: 7.05 min Scan# 524

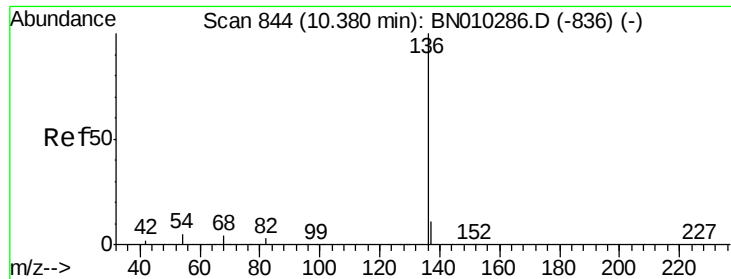
Delta R.T. -0.01 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Tgt Ion:	93	Resp:	3820
Ion	Ratio	Lower	Upper
93	100		
63	69.2	55.6	83.4
95	34.9	26.2	39.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Instrument :

BNA_N

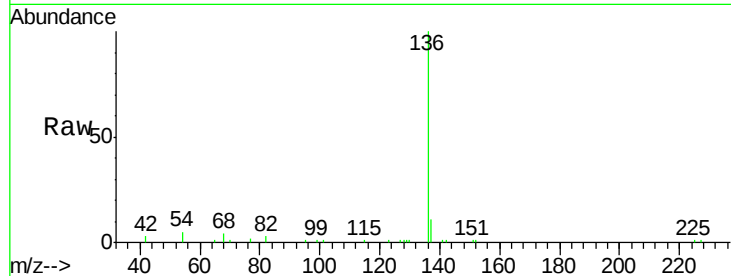
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	136	Resp:	13666
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	4.7	4.8	7.2#
68	4.2	4.1	6.1

Manual Integrations
APPROVED

mohammad
3/25/2020 12:28:45 PM

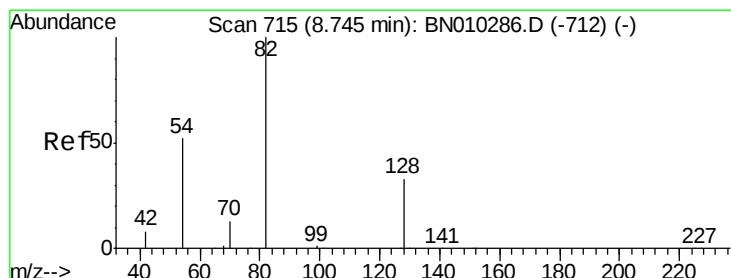
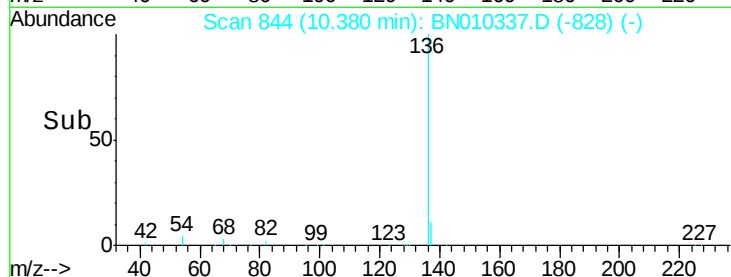
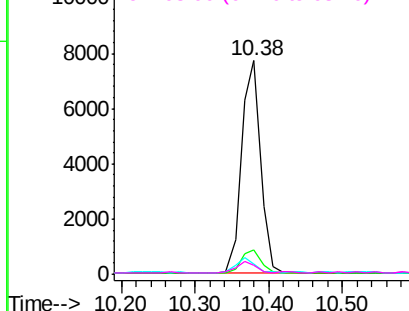


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.387 ng

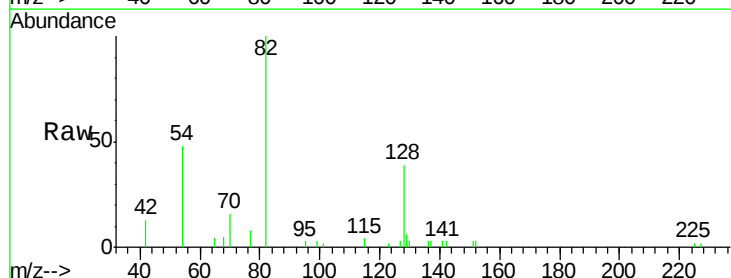
RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

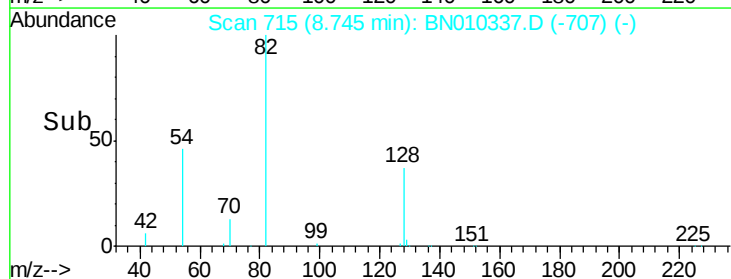
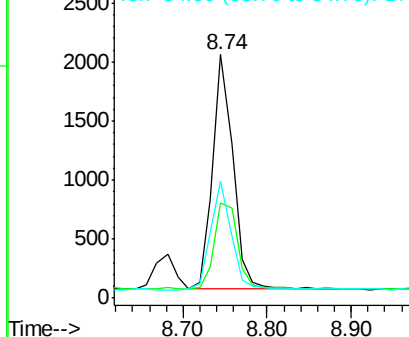
Tgt Ion:	82	Resp:	3385
Ion Ratio	Lower	Upper	
82	100		
128	39.3	28.8	43.2
54	48.2	42.1	63.1

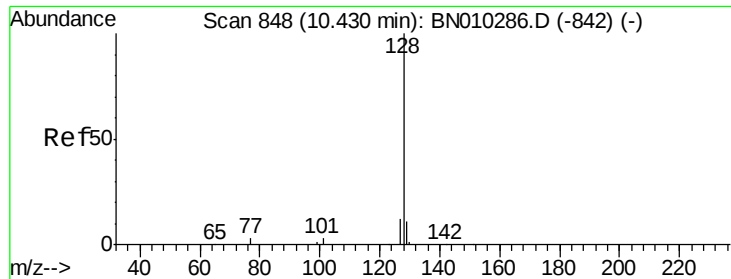


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.407 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Instrument :

BNA_N

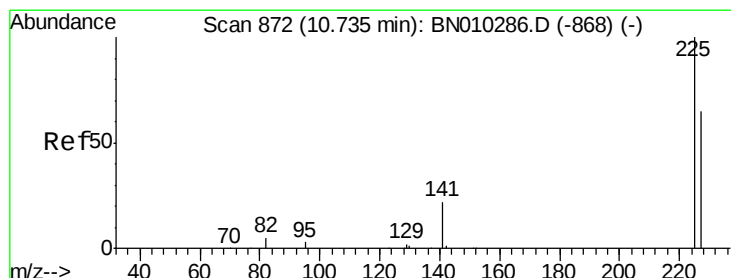
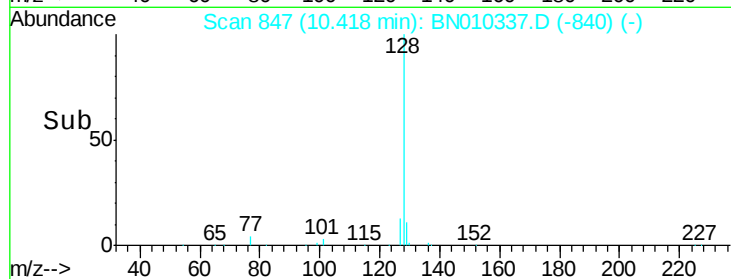
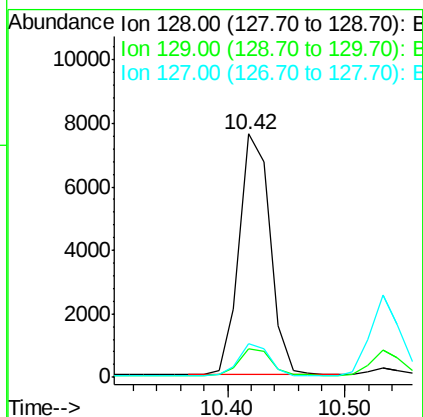
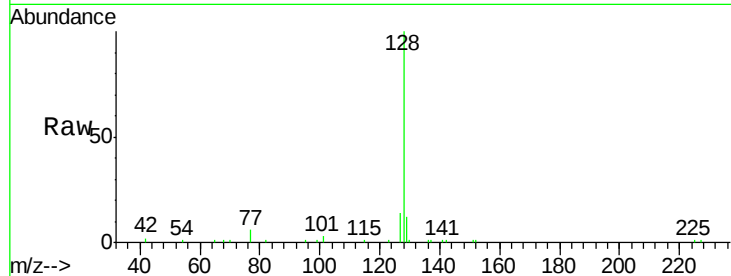
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	128	Resp:	13877
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.6	10.4	15.6

Manual Integrations
APPROVED

mohammad
3/25/2020 12:28:45 PM



#10

Hexachlorobutadiene

Concen: 0.415 ng

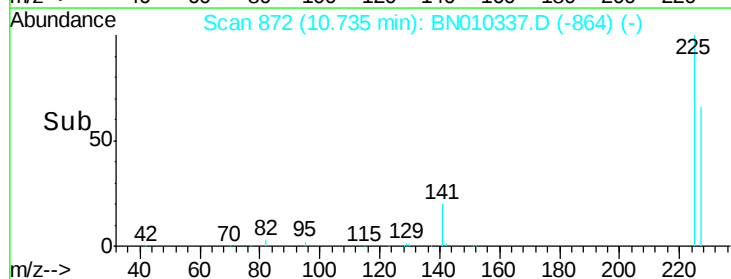
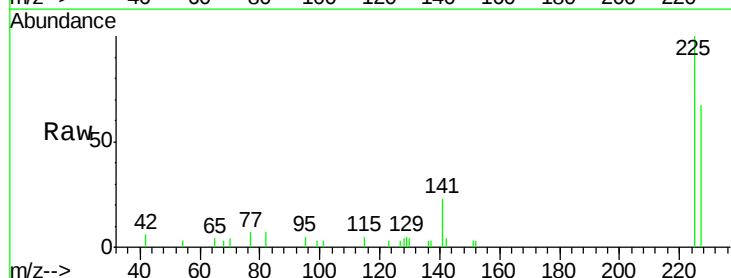
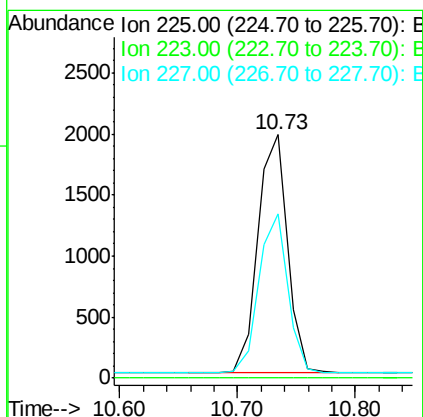
RT: 10.73 min Scan# 872

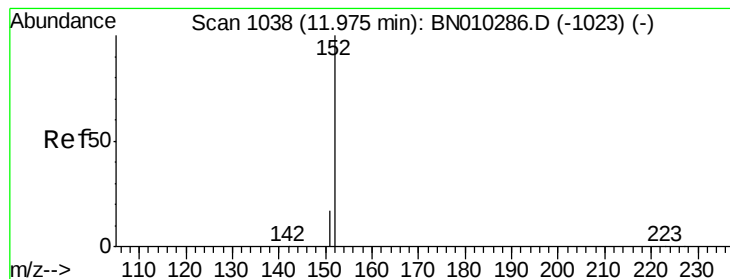
Delta R.T. -0.00 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Tgt Ion:	225	Resp:	3425
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.1	51.9	77.9





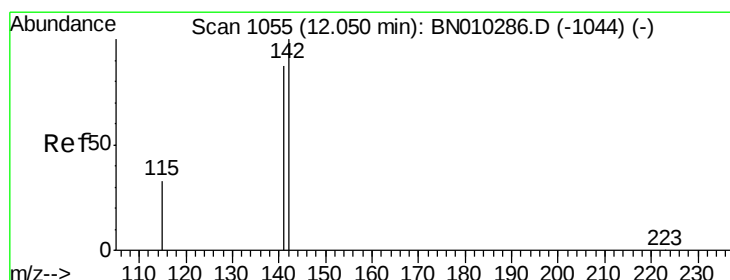
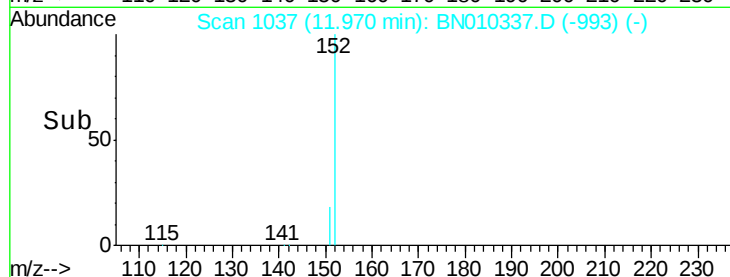
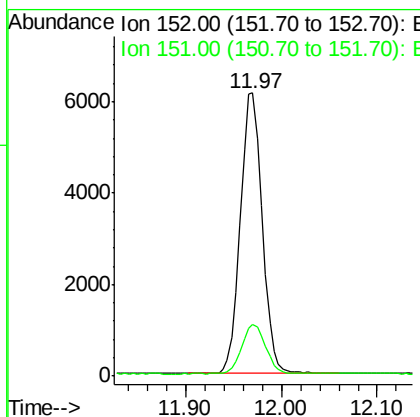
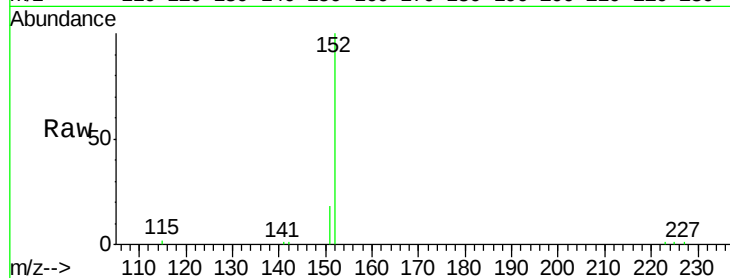
#11
2-Methylnaphthalene-d10
Concen: 0.447 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2

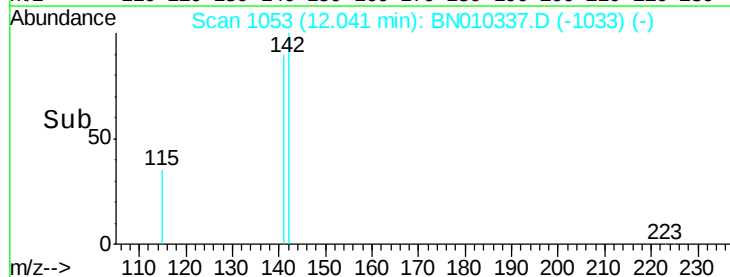
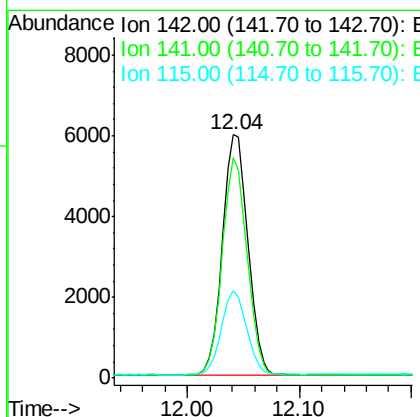
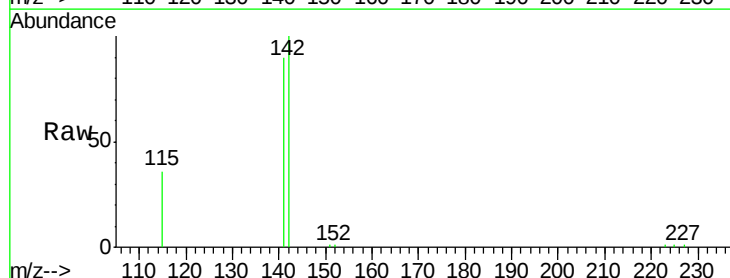
Manual Integrations
APPROVED

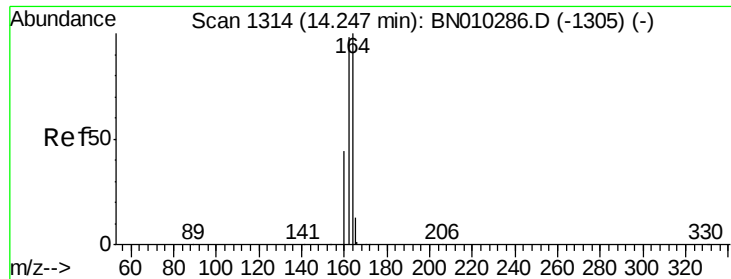
mohammad
3/25/2020 12:28:45 PM



#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.5	104.3
115	36.0	27.5	41.3





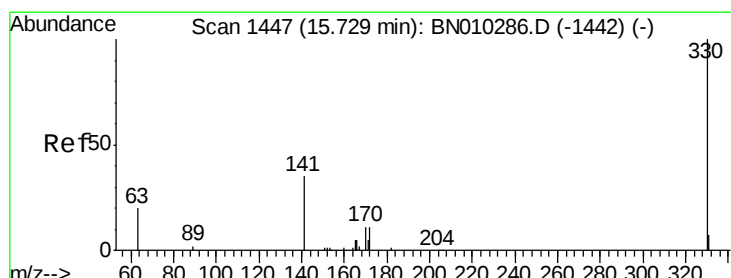
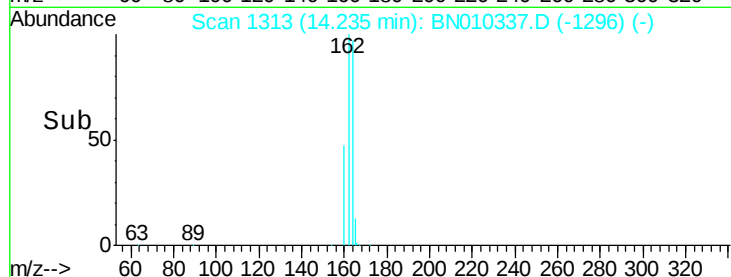
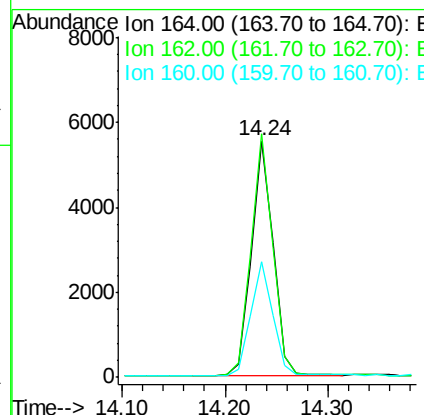
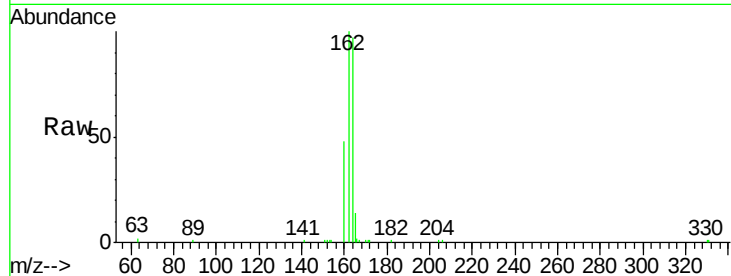
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.2	117.2
160	49.2	35.8	53.6

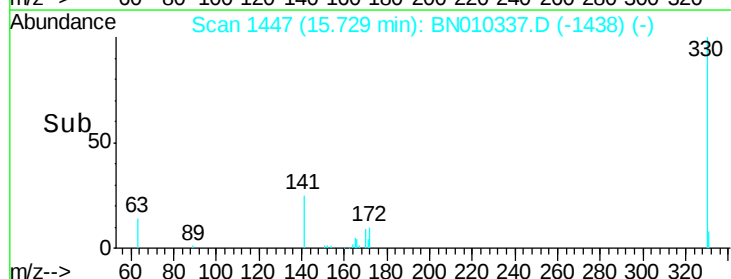
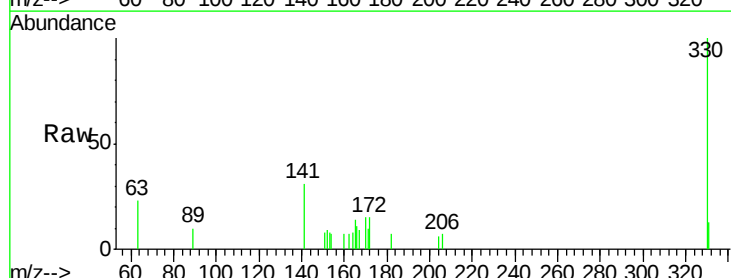
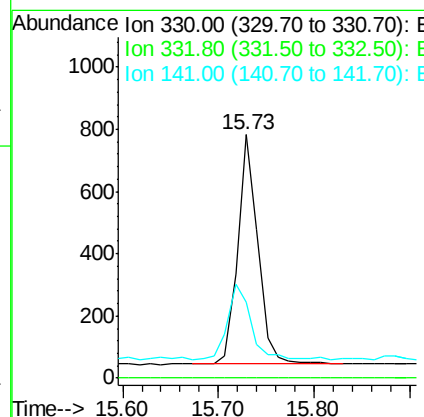
Manual Integrations
APPROVED

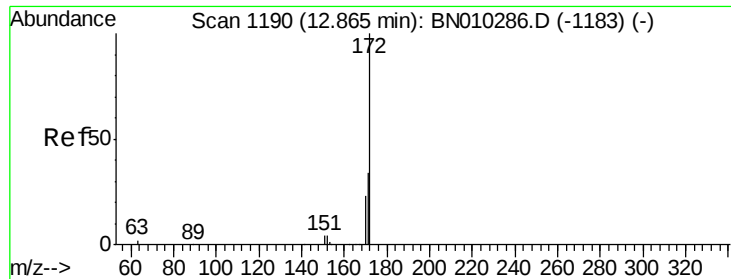
mohammad
3/25/2020 12:28:45 PM



#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.2	29.3	43.9





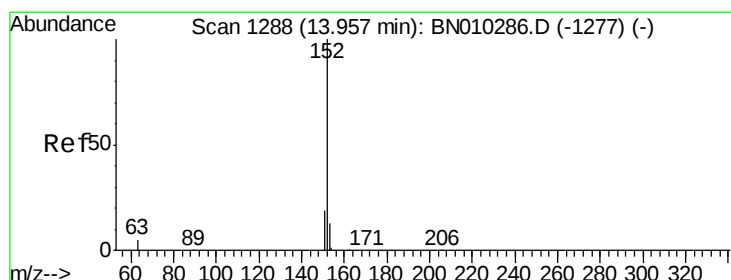
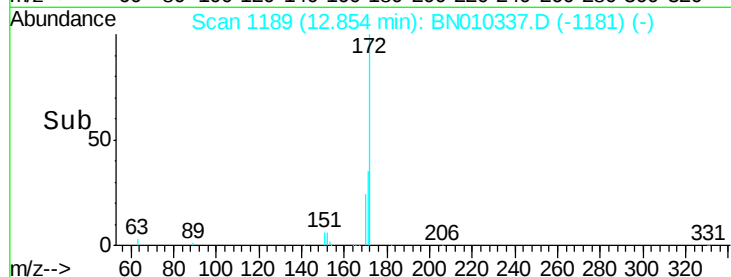
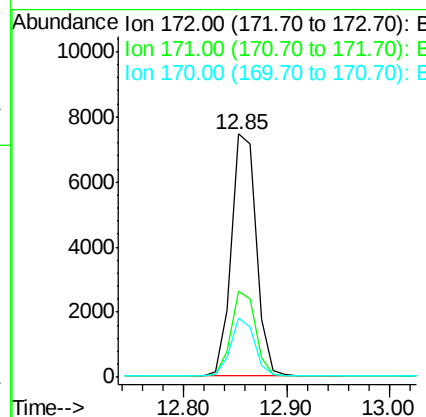
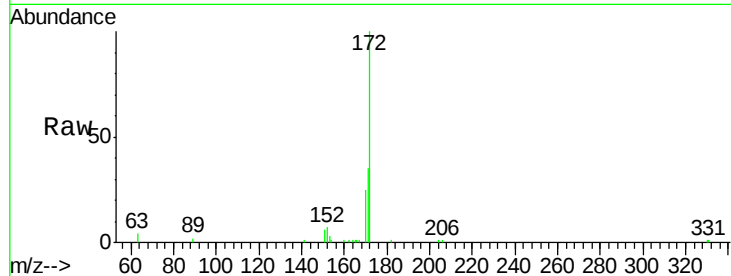
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.6	41.4
170	24.5	18.5	27.7

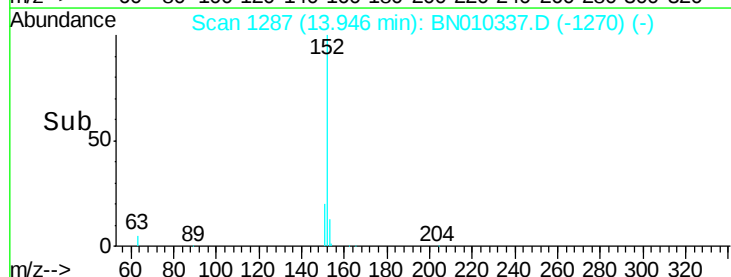
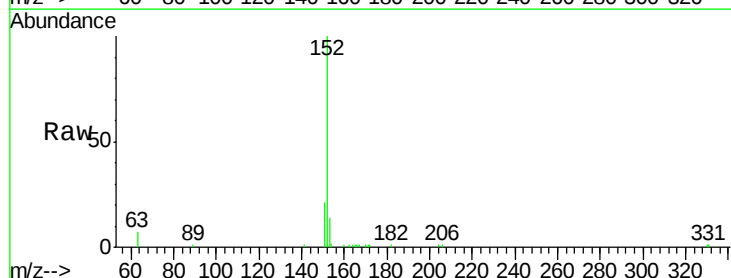
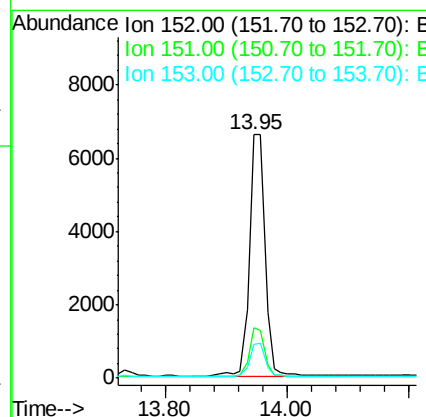
Manual Integrations
APPROVED

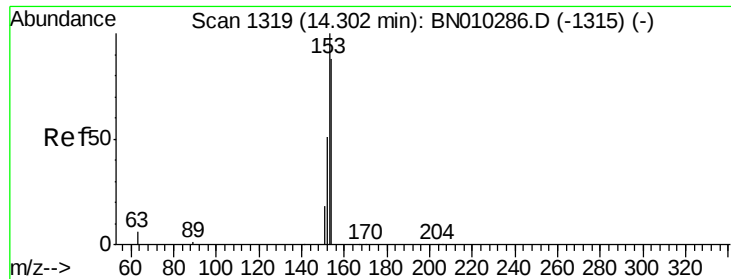
mohammad
3/25/2020 12:28:45 PM



#16
Acenaphthylene
Concen: 0.376 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.4	10.6	15.8





#17

Acenaphthene

Concen: 0.411 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Instrument :

BNA_N

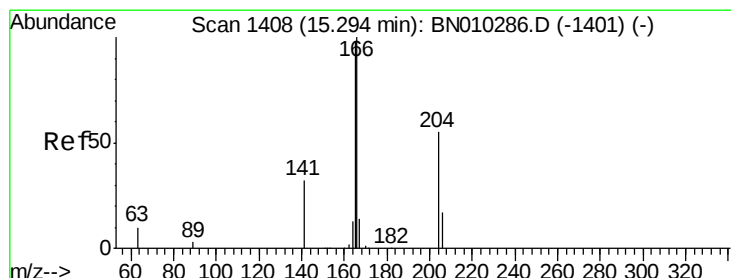
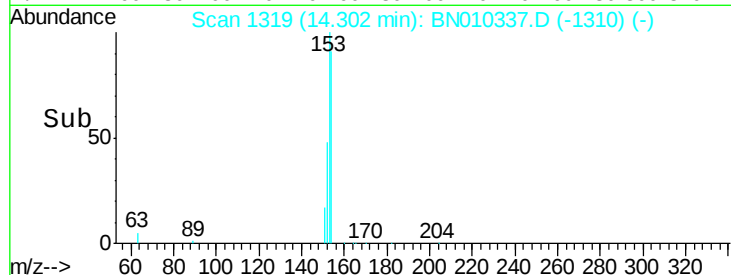
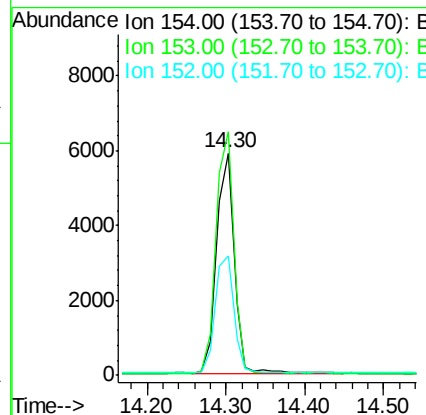
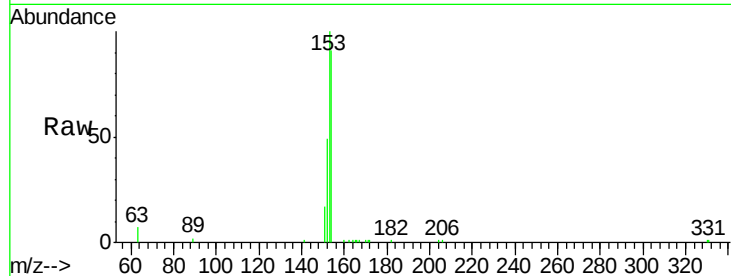
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	154	Resp:	9175
Ion	Ratio	Lower	Upper
154	100		
153	109.9	88.1	132.1
152	55.7	45.5	68.3

Manual Integrations
APPROVED

mohammad
3/25/2020 12:28:45 PM



#18

Fluorene

Concen: 0.399 ng

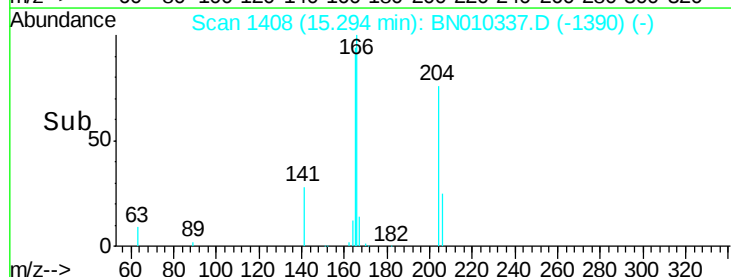
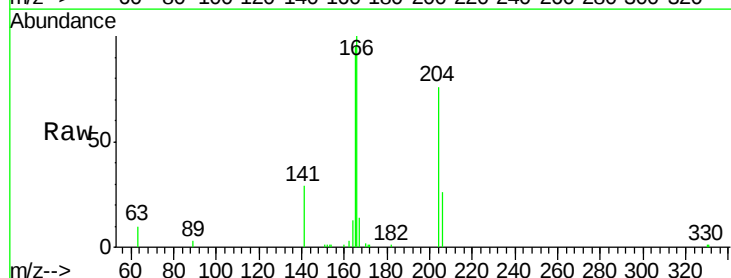
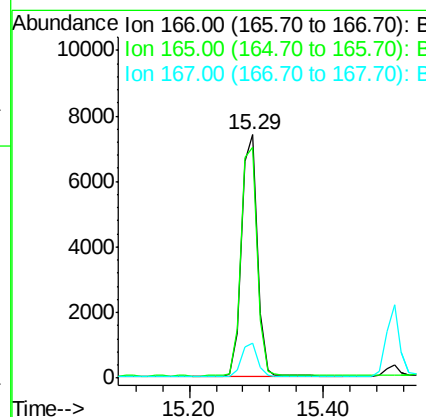
RT: 15.29 min Scan# 1408

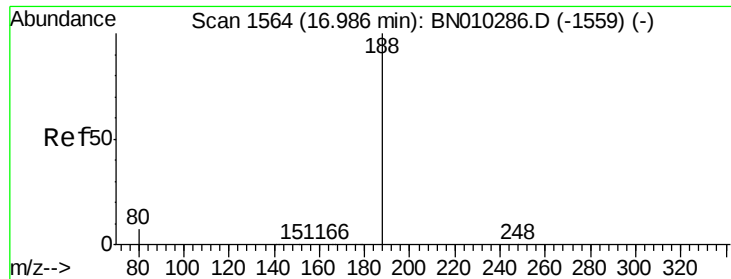
Delta R.T. -0.00 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Tgt Ion:	166	Resp:	11812
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.7	118.1
167	13.5	11.0	16.4





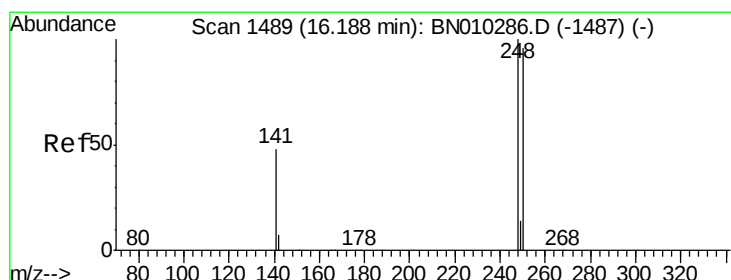
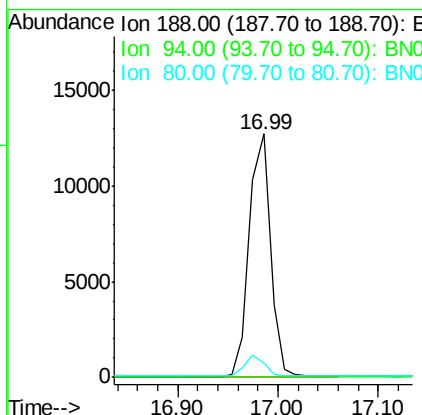
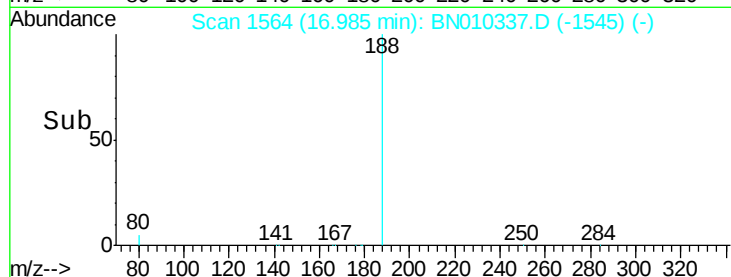
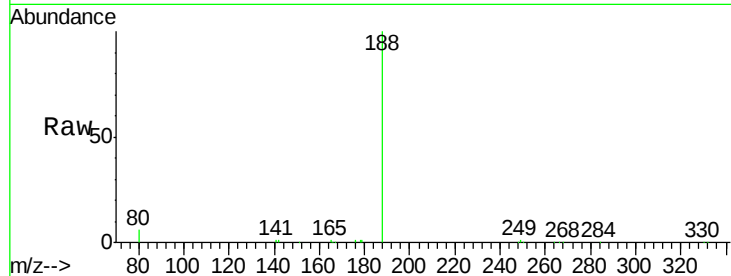
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	5.8	6.0	9.0#

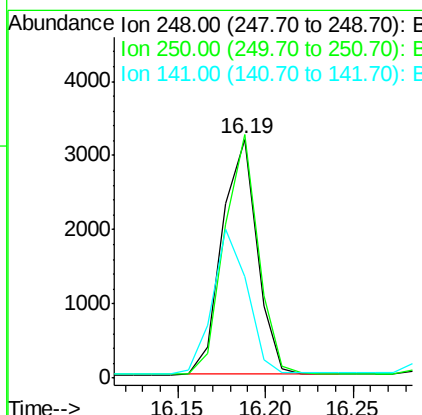
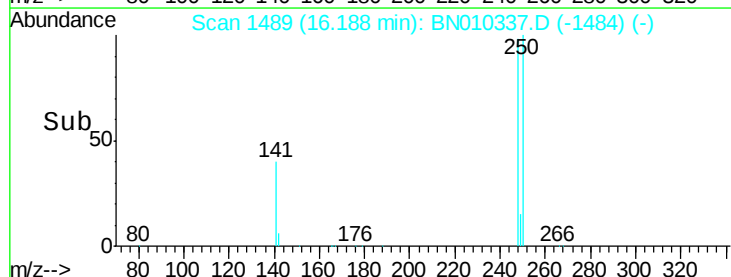
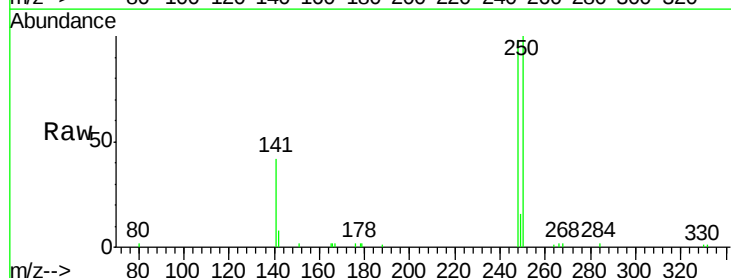
Manual Integrations
APPROVED

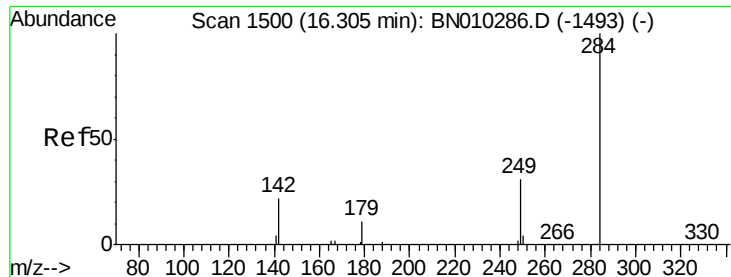
mohammad
3/25/2020 12:28:45 PM



#20
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.19 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	101.8	76.8	115.2
141	42.6	44.4	66.6#





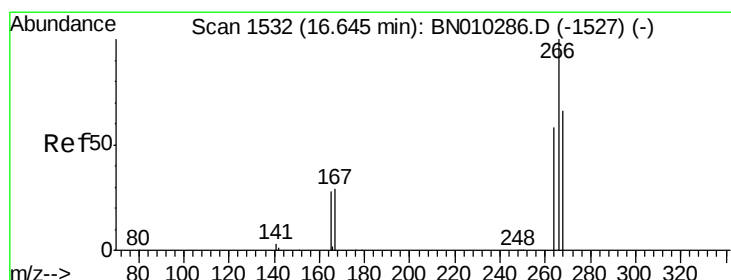
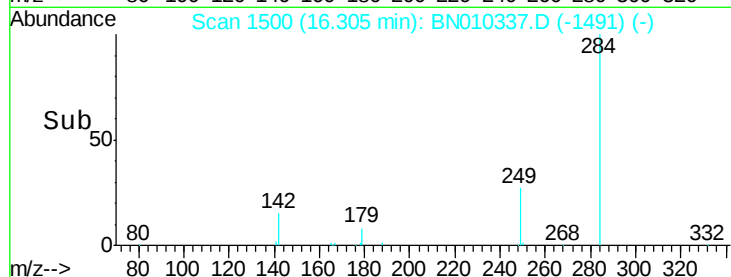
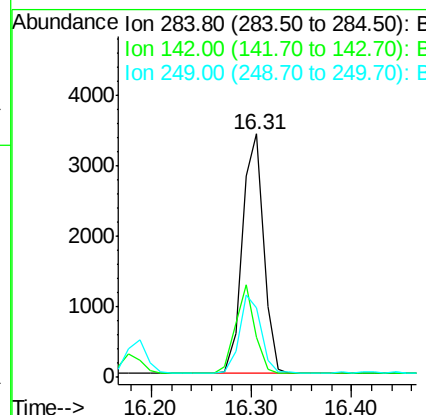
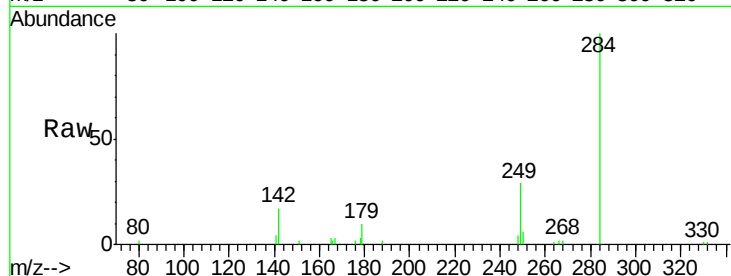
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.4	41.2
249	33.0	26.5	39.7

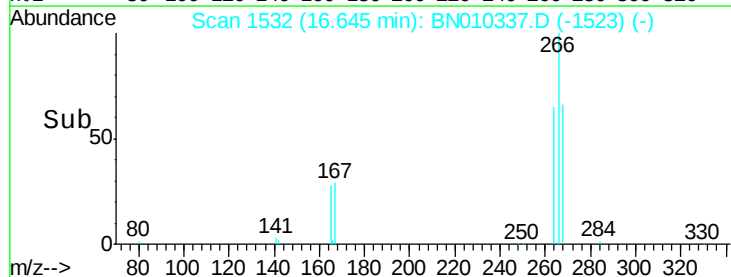
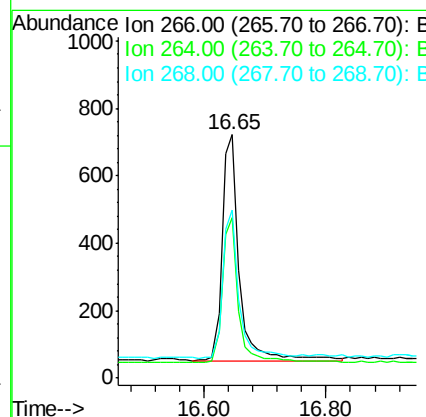
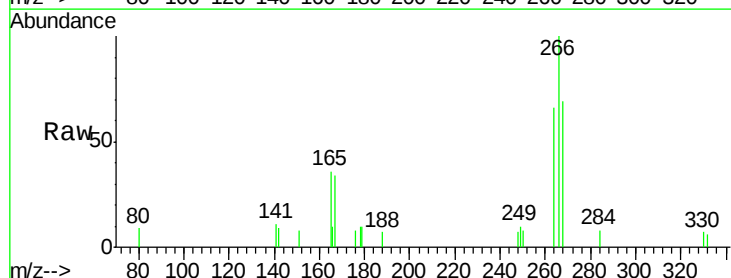
Manual Integrations
APPROVED

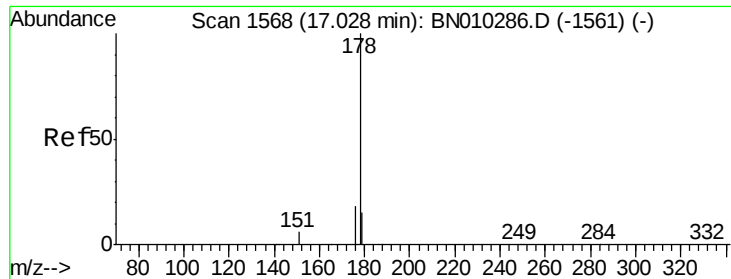
mohammad
3/25/2020 12:28:45 PM



#22
Pentachlorophenol
Concen: 0.329 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.9	47.7	71.5
268	69.3	54.9	82.3





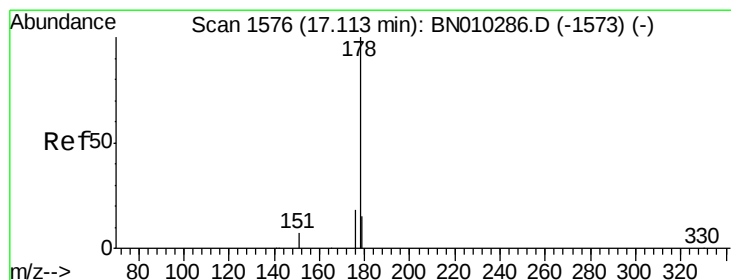
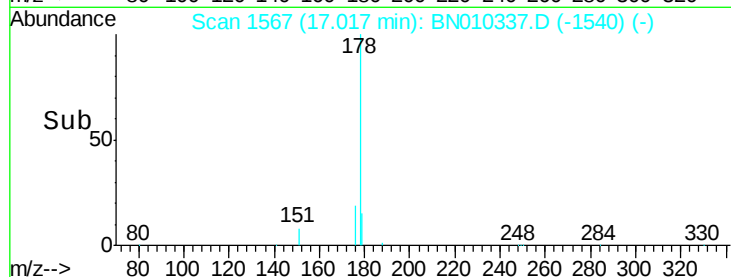
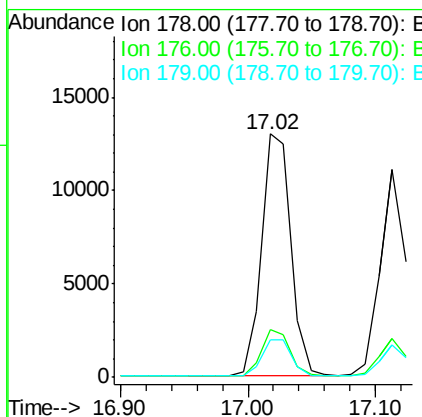
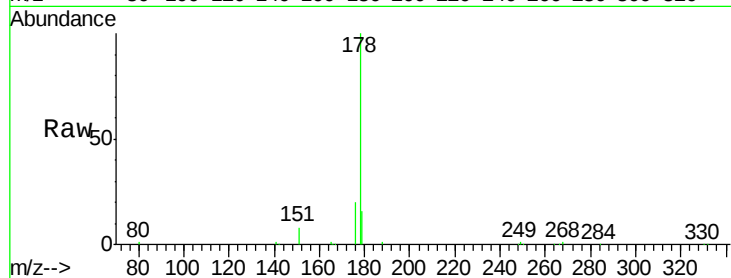
#23
Phenanthrene
Concen: 0.402 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.4	18.6

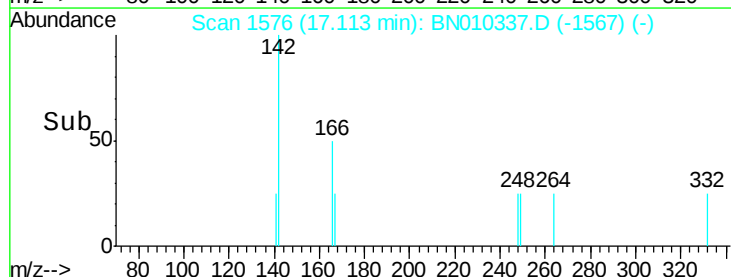
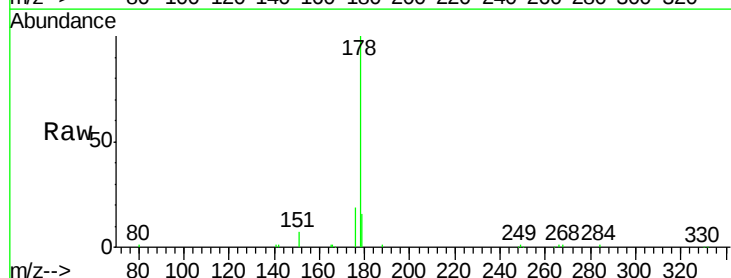
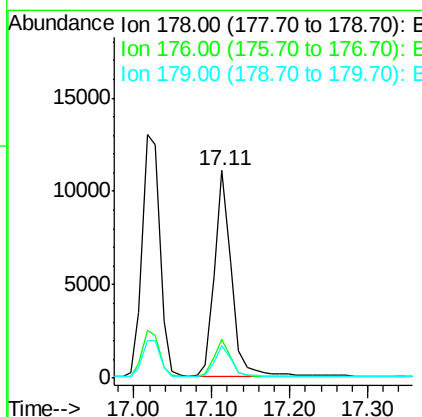
Manual Integrations
APPROVED

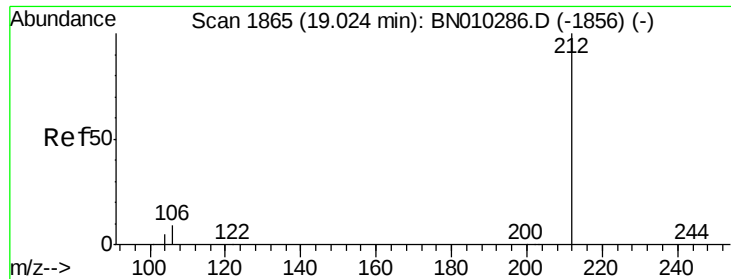
mohammad
3/25/2020 12:28:45 PM



#24
Anthracene
Concen: 0.373 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.1	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Instrument :

BNA_N

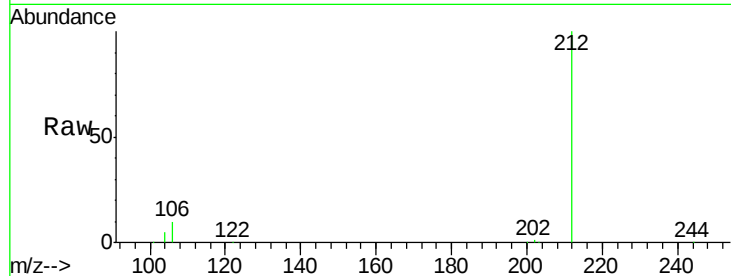
ClientSampleId :

SSTDCCC0.4EC

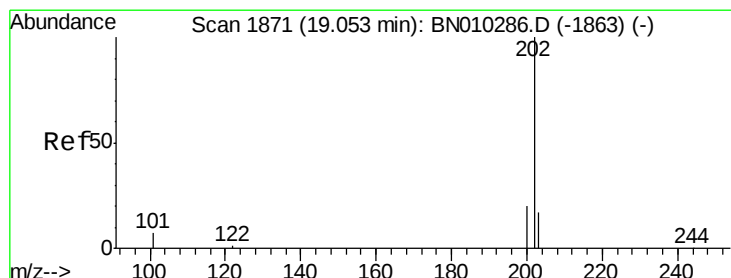
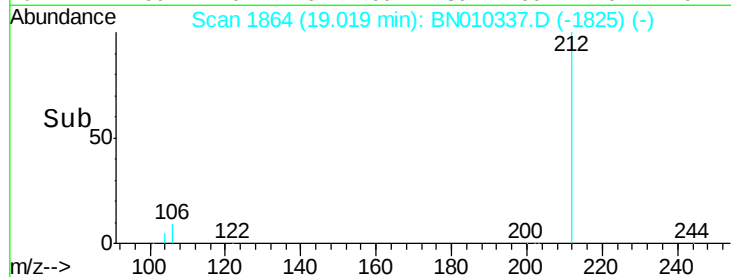
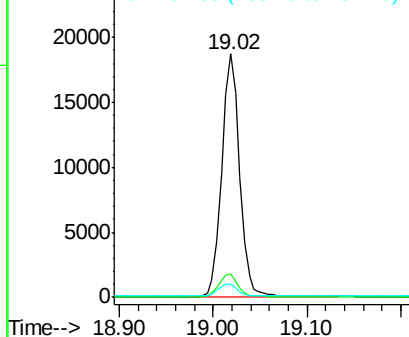
Tot Ion:	212	Resp:	24595
Ion Ratio	Lower	Upper	
212	100		
106	9.7	7.4	11.2
104	5.4	4.2	6.4

Manual Integrations
APPROVED

mohammad
3/25/2020 12:28:45 PM



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



#26

Fluoranthene

Concen: 0.394 ng

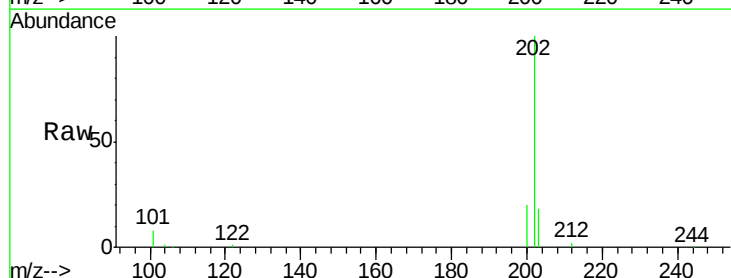
RT: 19.05 min Scan# 1870

Delta R.T. -0.01 min

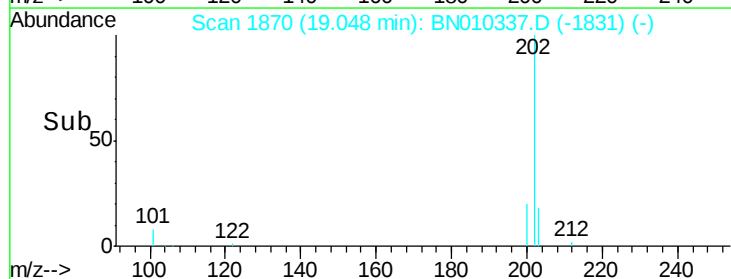
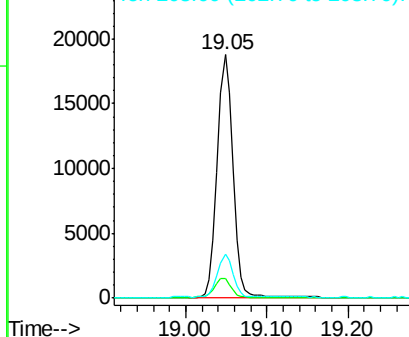
Lab File: BN010337.D

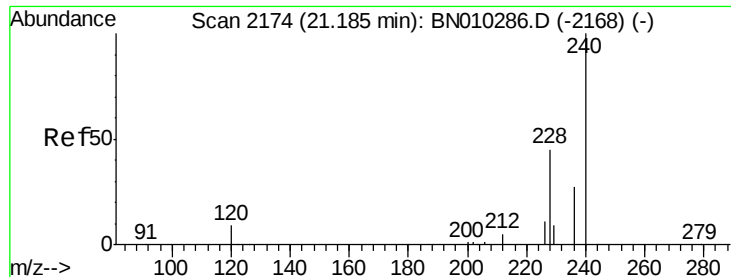
Acq: 24 Mar 2020 21:40

Tgt Ion:	202	Resp:	24938
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.6	9.8
203	17.3	13.8	20.8



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: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Instrument :

BNA_N

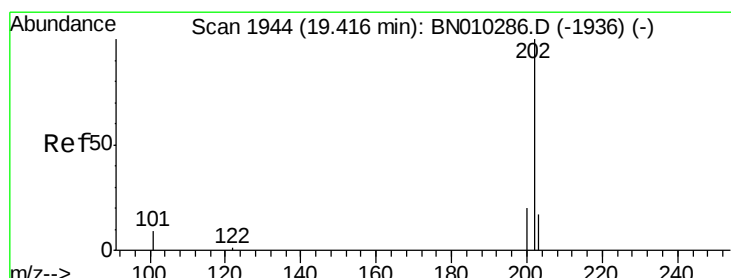
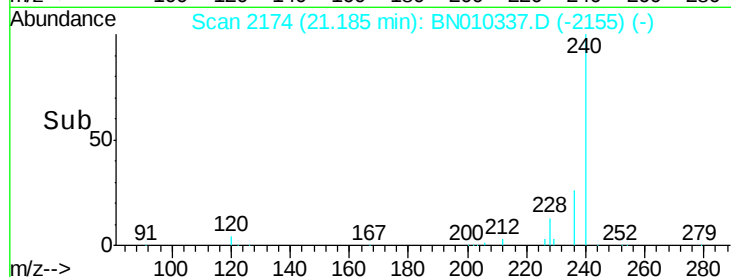
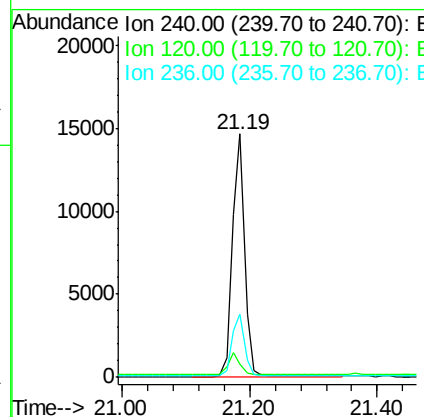
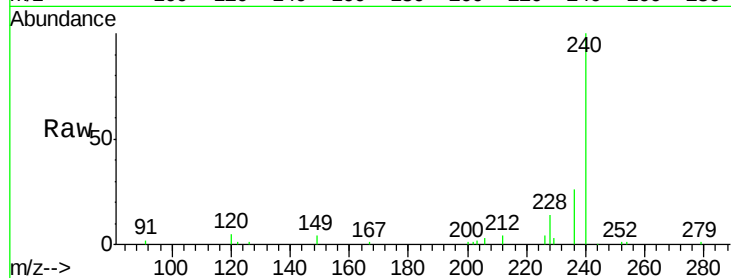
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	7.9	11.9#
236	26.2	22.2	33.4

Manual Integrations
APPROVED

mohammad
3/25/2020 12:28:45 PM



#28

Pyrene

Concen: 0.415 ng

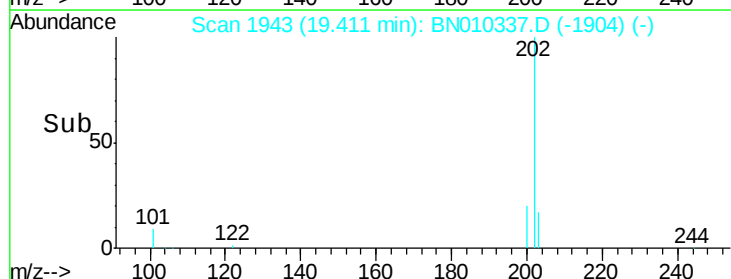
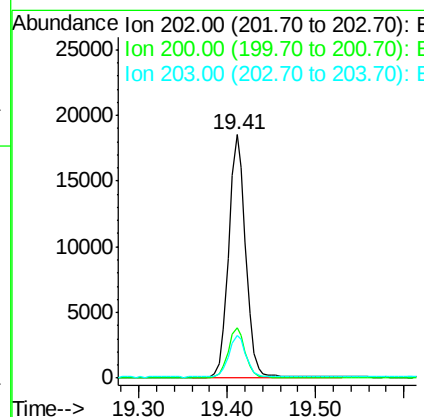
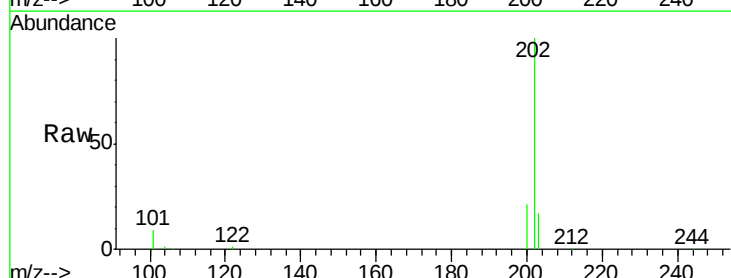
RT: 19.41 min Scan# 1943

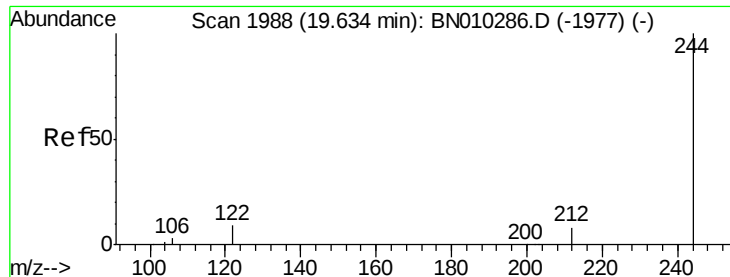
Delta R.T. -0.01 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.5	14.2	21.2





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Instrument :

BNA_N

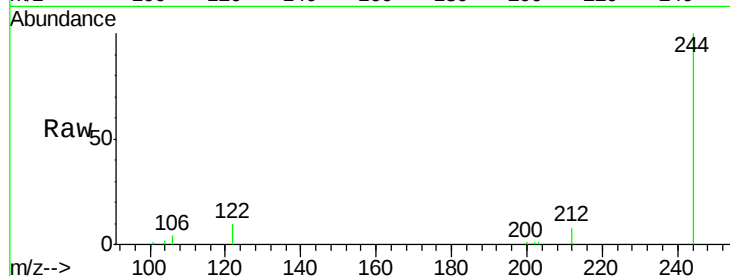
ClientSampleId :

SSTDCCC0.4EC

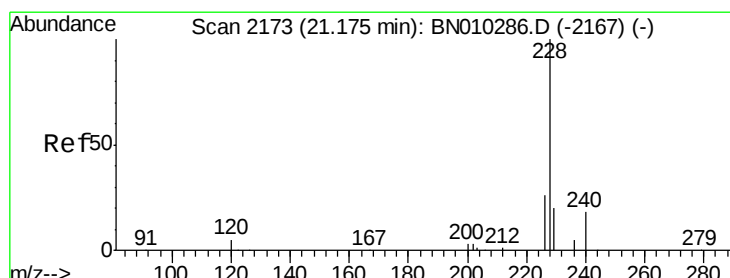
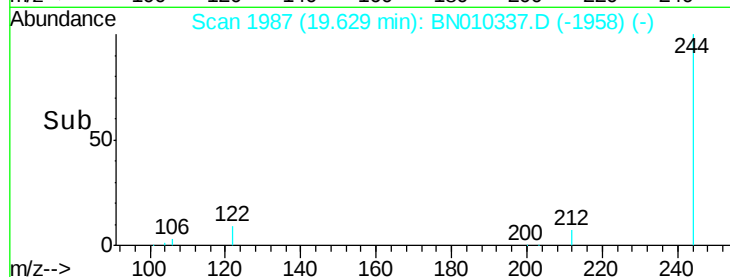
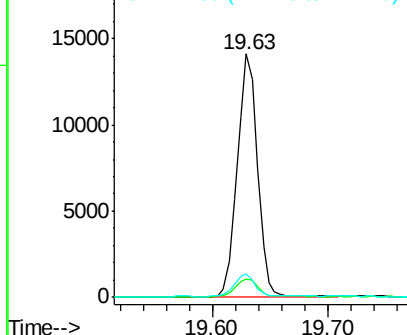
Tot Ion:	244	Resp:	17028
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.3	9.5
122	9.6	7.6	11.4

Manual Integrations
APPROVED

mohammad
3/25/2020 12:28:45 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: 0.377 ng

RT: 21.16 min Scan# 2172

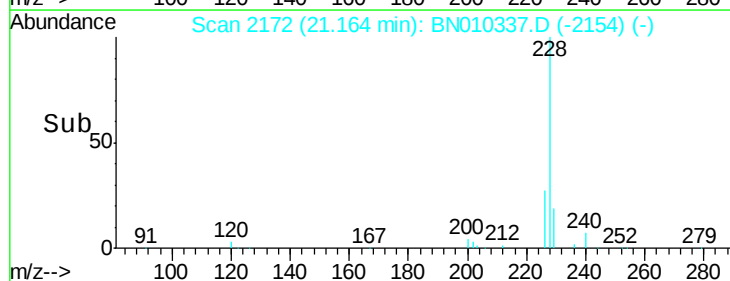
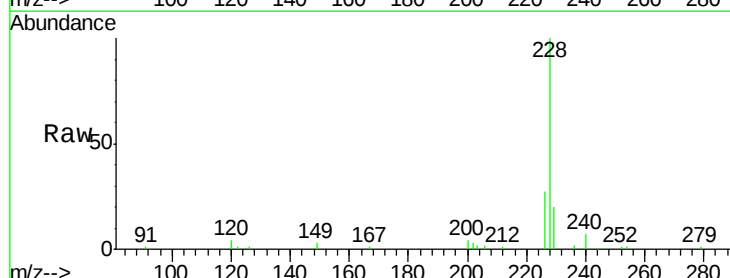
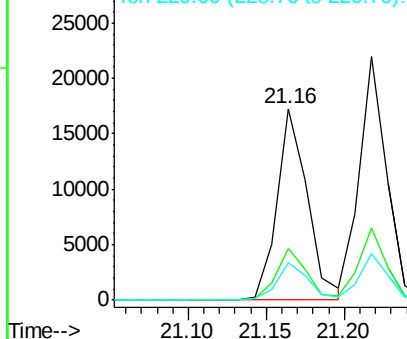
Delta R.T. -0.01 min

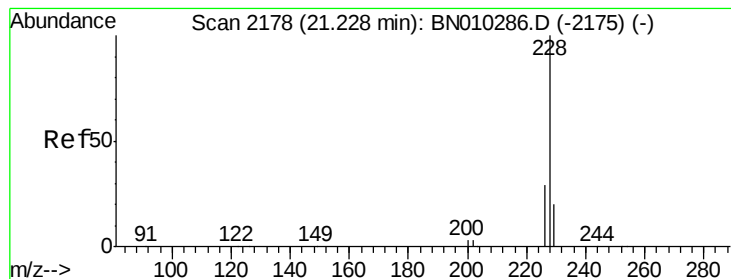
Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Tgt Ion:	228	Resp:	23074
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.0	31.4
229	19.7	16.0	24.0

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: 0.406 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Instrument :

BNA_N

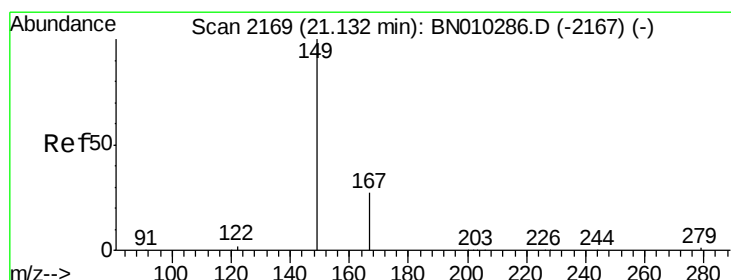
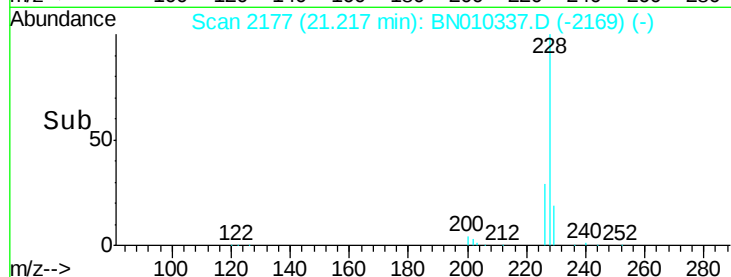
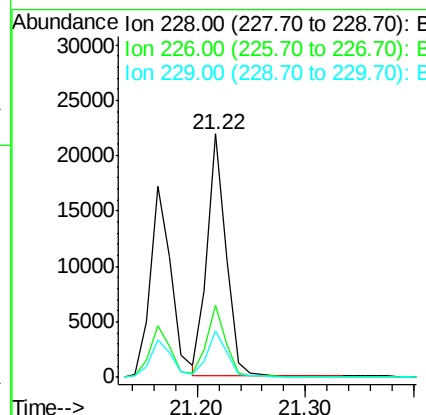
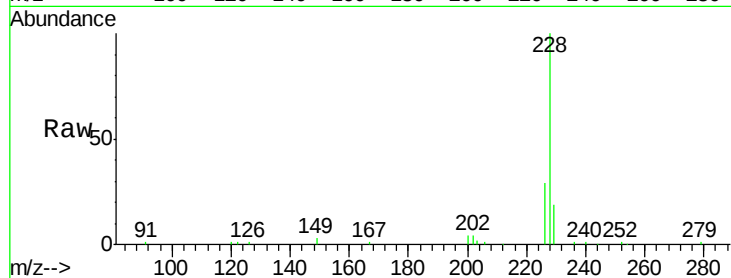
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	228	Resp:	26611
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.0	34.6
229	19.0	16.0	24.0

Manual Integrations
APPROVED

mohammad
3/25/2020 12:28:45 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.299 ng

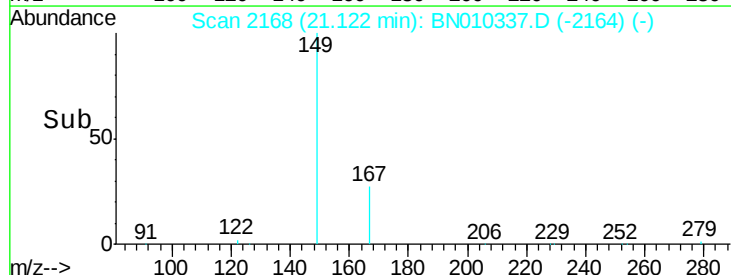
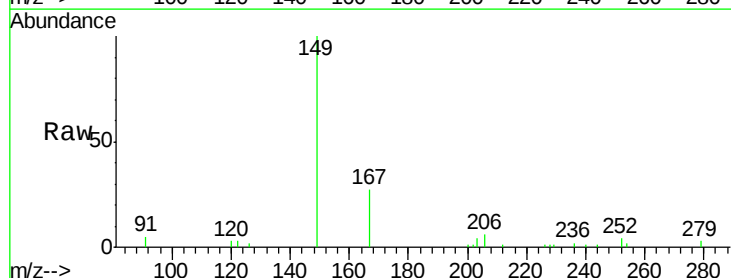
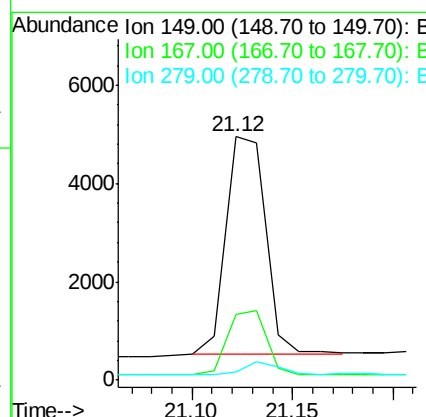
RT: 21.12 min Scan# 2168

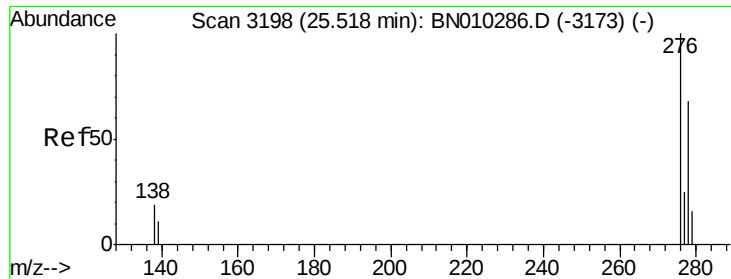
Delta R.T. -0.01 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Tgt Ion:	149	Resp:	6164
Ion Ratio	Lower	Upper	
149	100		
167	28.4	23.0	34.6
279	4.9	3.8	5.8





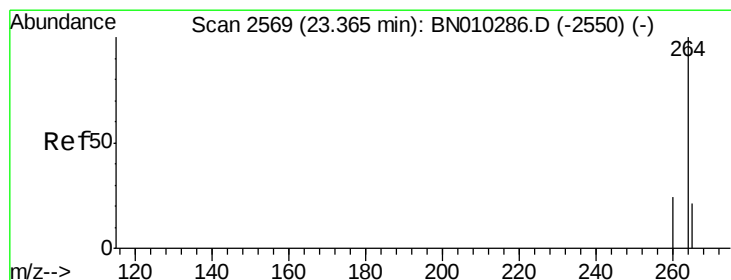
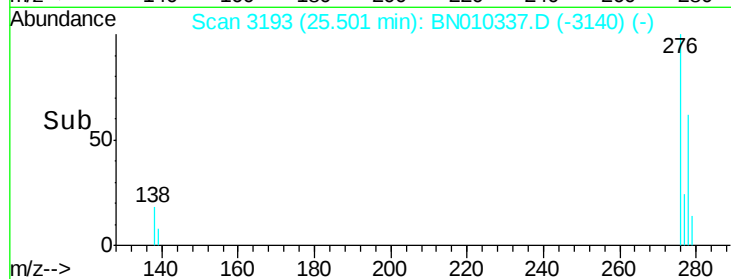
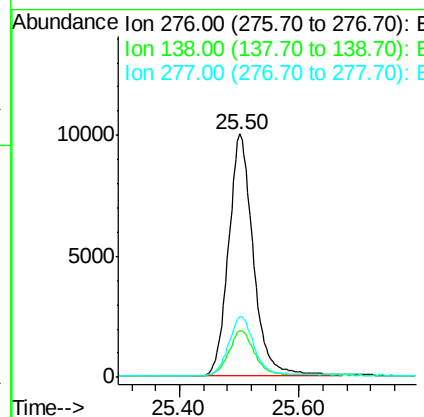
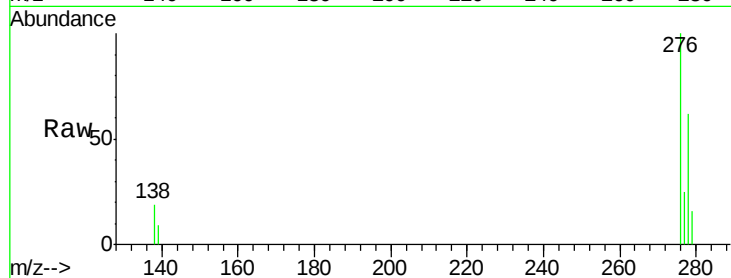
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.410 ng
 RT: 25.50 min Scan# 3193
 Delta R.T. -0.02 min
 Lab File: BN010337.D
 Acq: 24 Mar 2020 21:40

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.6	23.4
277	24.6	20.1	30.1

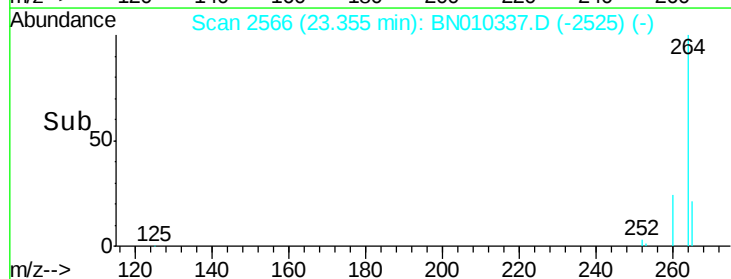
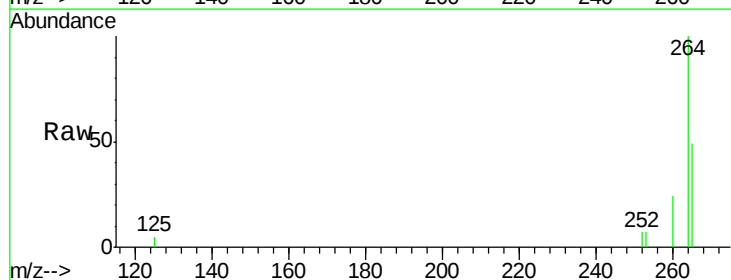
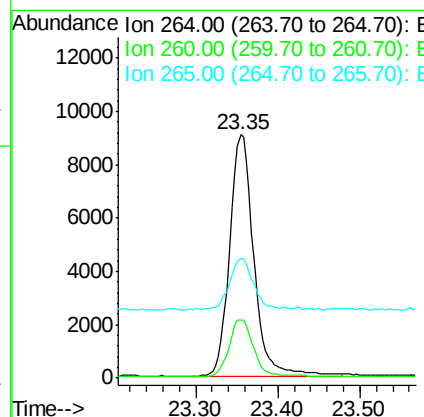
Manual Integrations
 APPROVED

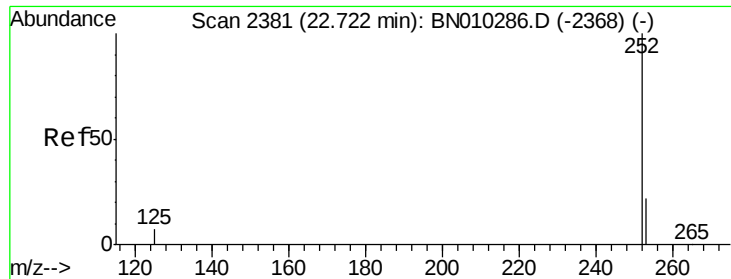
mohammad
 3/25/2020 12:28:45 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.35 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BN010337.D
 Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	49.2	32.4	48.6#





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 22.71 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Instrument :

BNA_N

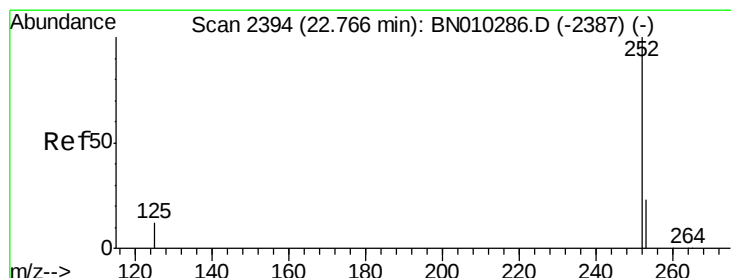
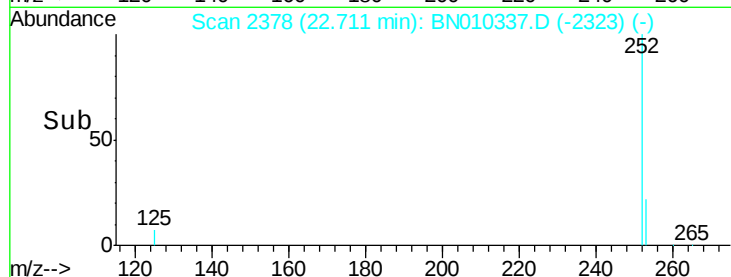
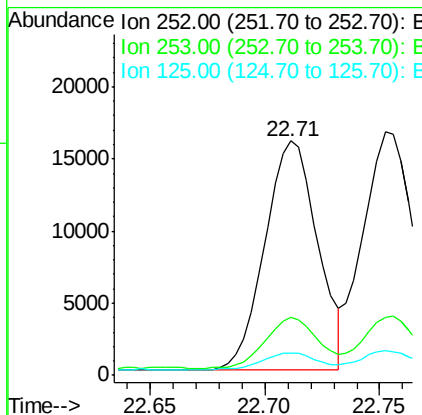
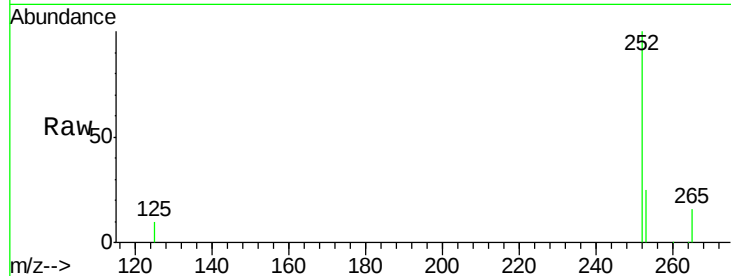
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	252	Resp:	25397
Ion Ratio	Lower	Upper	
252	100		
253	24.9	19.2	28.8
125	9.7	7.4	11.0

Manual Integrations
APPROVED

mohammad
3/25/2020 12:28:45 PM



#36

Benzo(k)fluoranthene

Concen: 0.422 ng

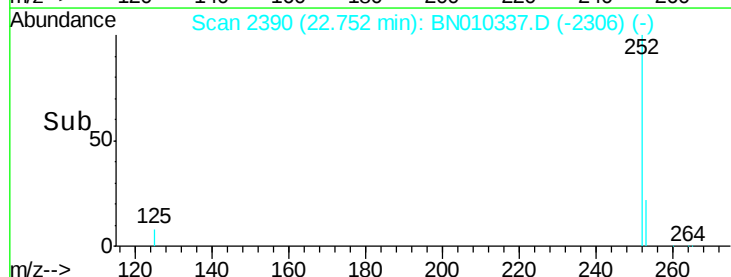
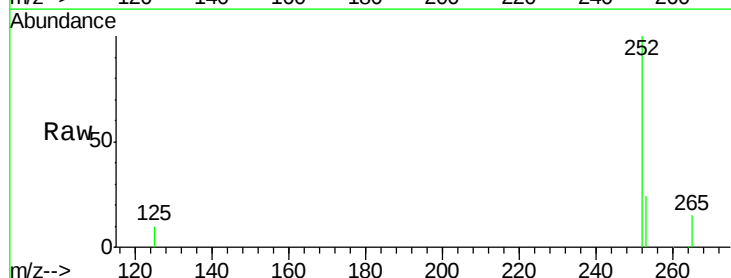
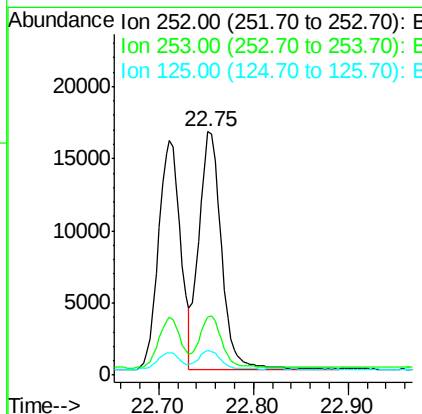
RT: 22.75 min Scan# 2390

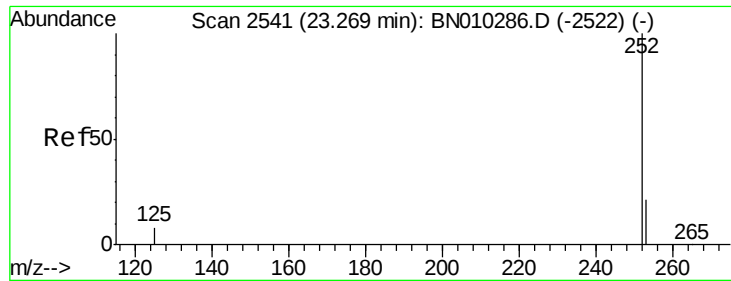
Delta R.T. -0.01 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Tgt Ion:	252	Resp:	27003
Ion Ratio	Lower	Upper	
252	100		
253	23.9	19.4	29.0
125	10.2	10.2	15.2





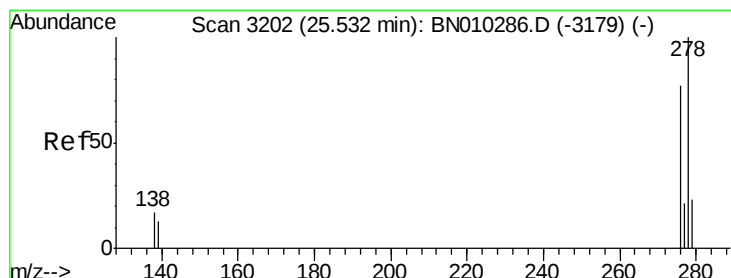
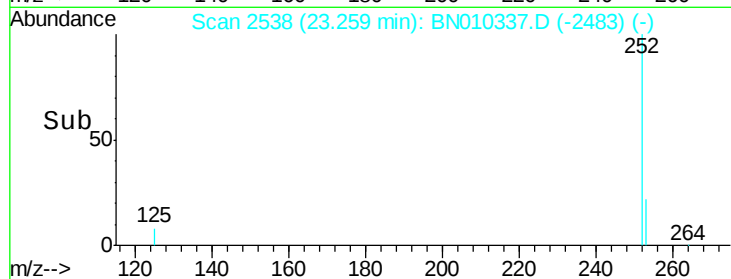
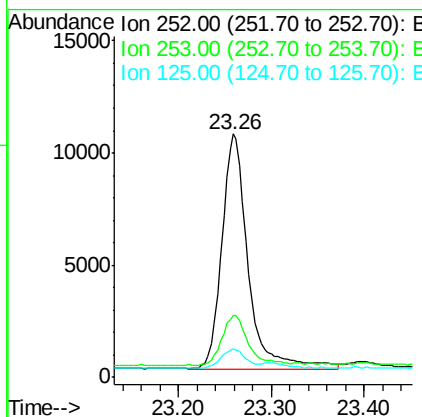
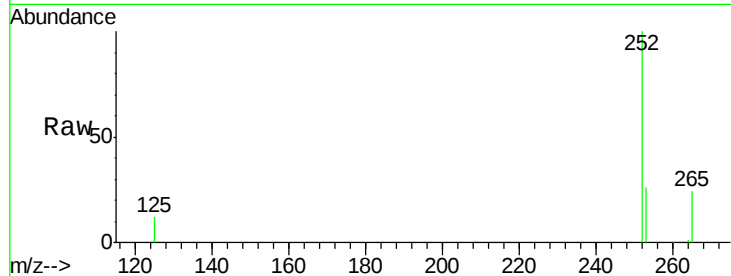
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.9	29.9
125	11.5	8.9	13.3

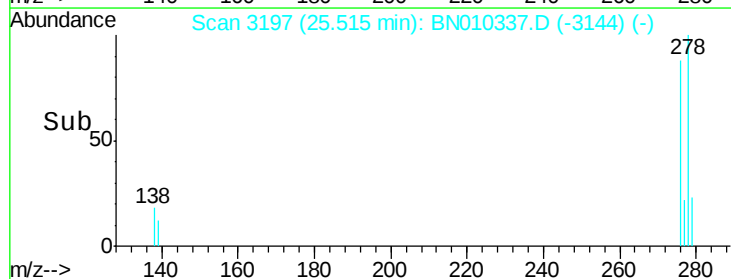
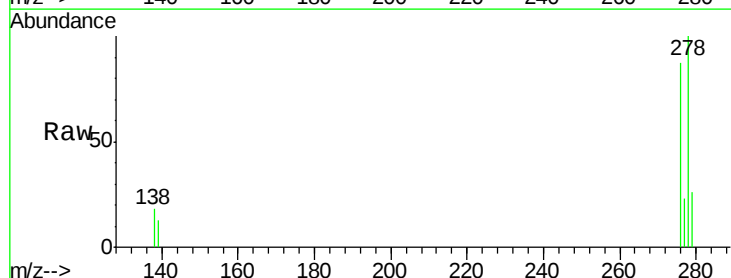
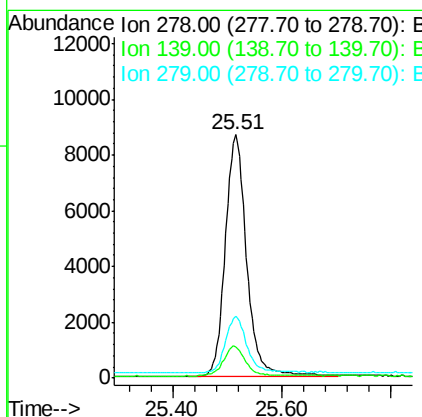
Manual Integrations
APPROVED

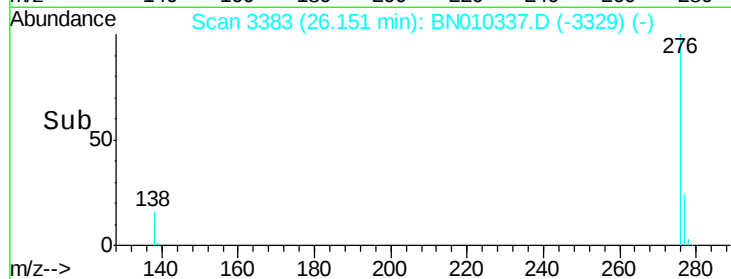
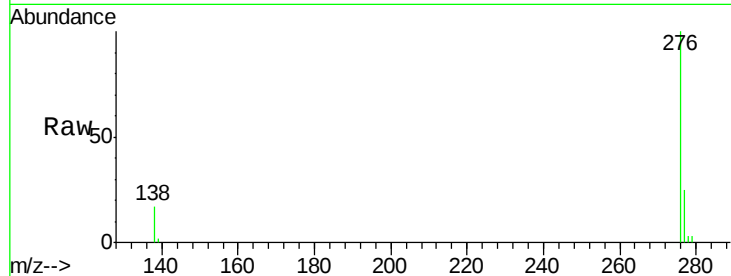
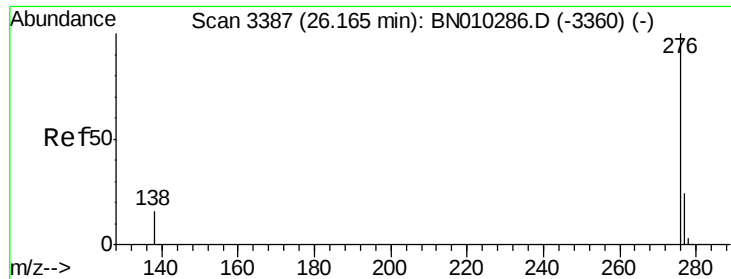
mohammad
3/25/2020 12:28:45 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 25.51 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.6	16.0
279	25.6	19.8	29.6





#39

Benzo(a,h,i)perylene

Concen: 0.416 ng

RT: 26.15 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN010337.D

Acq: 24 Mar 2020 21:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion: 276 Resp: 23989

Ion Ratio Lower Upper

276 100

277 24.9 19.6 29.4

138 16.5 13.3 19.9

Manual Integrations

APPROVED

mohammad

3/25/2020 12:28:45 PM

