

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010172.D
 Acq On : 10 Mar 2020 22:28
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

mohammad
 3/11/2020 5:08:03 PM

Quant Time: Mar 11 04:09:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	709	0.40	ng	-0.05
7) Naphthalene-d8	10.13	136	2437	0.40	ng	-0.05
13) Acenaphthene-d10	14.00	164	1545	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	3268	0.40	ng	-0.03
27) Chrysene-d12	20.99	240	3278	0.40	ng	-0.04
34) Perylene-d12	23.10	264	3424	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	764	0.48	ng	-0.05
5) Phenol-d6	6.62	99	827	0.43	ng	-0.02
8) Nitrobenzene-d5	8.58	82	808	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.74	152	1939	0.41	ng	-0.04
14) 2,4,6-Tribromophenol	15.55	330	257	0.43	ng	-0.03
15) 2-Fluorobiphenyl	12.64	172	2307	0.40	ng	-0.04
25) Fluoranthene-d10	18.82	212	4564	0.40	ng	-0.04
29) Terphenyl-d14	19.44	244	2958	0.38	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.04	88	391m	0.538	ng	
3) n-Nitrosodimethylamine	3.39	42	688	0.577	ng	# 95
6) bis(2-Chloroethyl)ether	6.84	93	791	0.424	ng	90
9) Naphthalene	10.18	128	2754	0.414	ng	96
10) Hexachlorobutadiene	10.43	225	648	0.443	ng	# 94
12) 2-Methylnaphthalene	11.82	142	1861	0.408	ng	98
16) Acenaphthylene	13.72	152	2617	0.397	ng	99
17) Acenaphthene	14.07	154	1869	0.404	ng	99
18) Fluorene	15.08	166	2341	0.383	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	571m	0.202	ng	
21) Hexachlorobenzene	16.09	284	859	0.422	ng	97
22) Pentachlorophenol	16.48	266	202	0.475	ng	97
23) Phenanthrene	16.83	178	3740	0.385	ng	100
24) Anthracene	16.93	178	3191	0.388	ng	99
26) Fluoranthene	18.85	202	4609	0.396	ng	99
28) Pyrene	19.22	202	4692	0.377	ng	100
30) Benzo(a)anthracene	20.98	228	3921	0.360	ng	99
31) Chrysene	21.04	228	5123	0.407	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	2652	0.500	ng	94
33) Indeno(1,2,3-cd)pyrene	25.14	276	5373	0.410	ng	97
35) Benzo(b)fluoranthene	22.49	252	4595	0.367	ng	# 96
36) Benzo(k)fluoranthene	22.53	252	5423	0.398	ng	99
37) Benzo(a)pyrene	23.02	252	4429	0.388	ng	# 95
38) Dibenzo(a,h)anthracene	25.15	278	4268	0.380	ng	97
39) Benzo(g,h,i)perylene	25.76	276	4780	0.399	ng	99

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

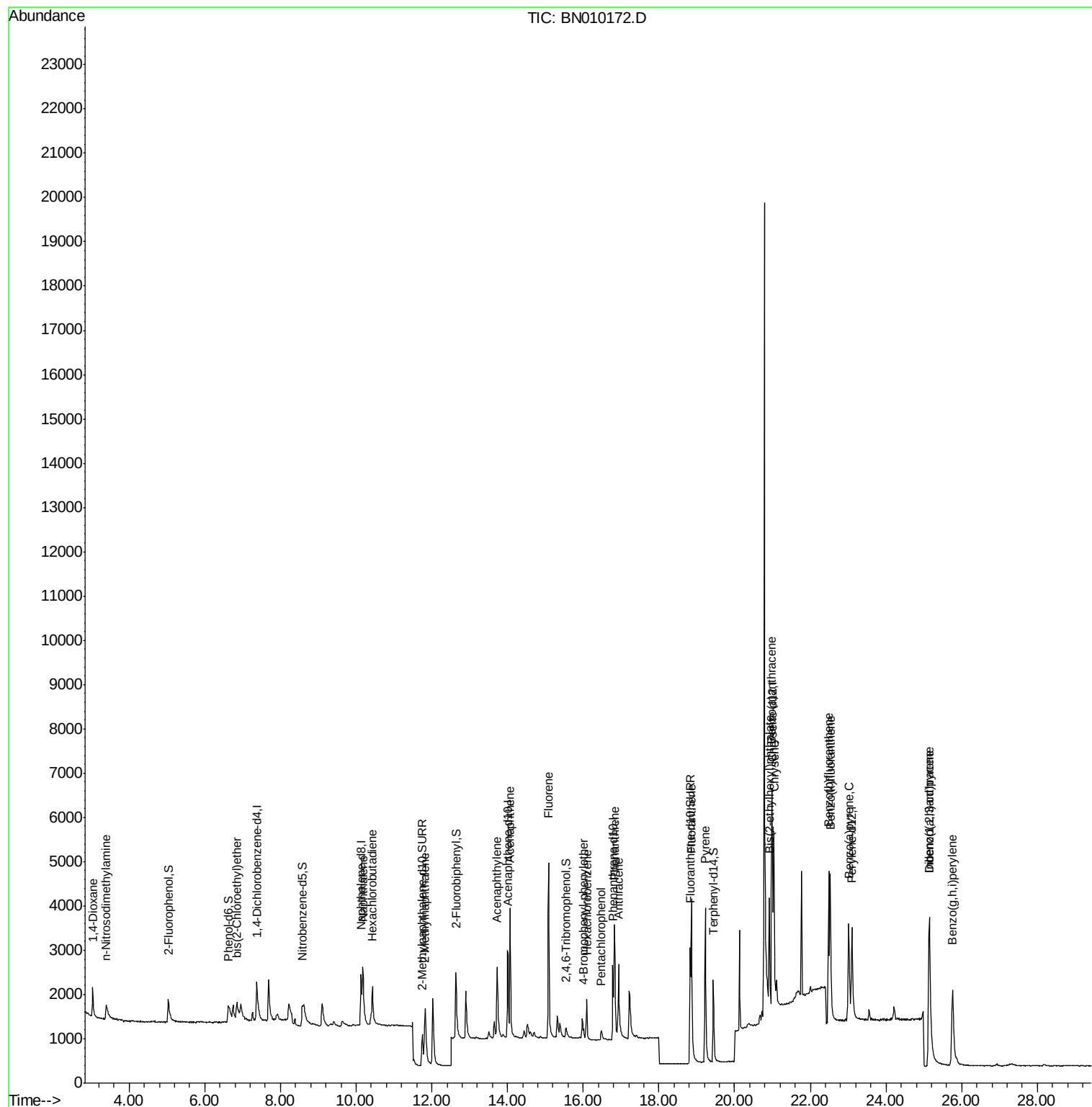
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010172.D
 Acq On : 10 Mar 2020 22:28
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

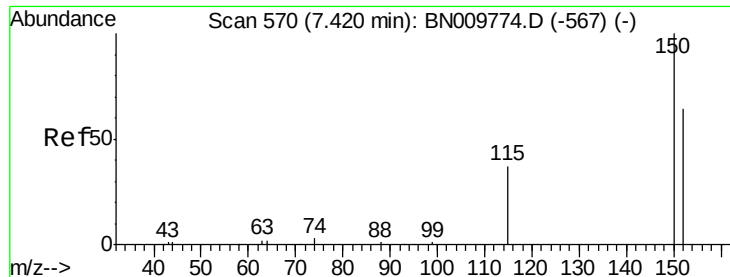
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

mohammad
 3/11/2020 5:08:03 PM

Quant Time: Mar 11 04:09:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration





#1

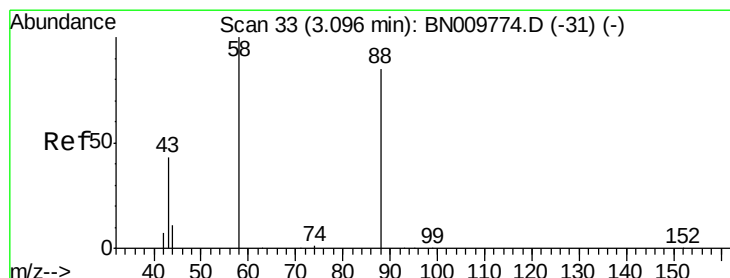
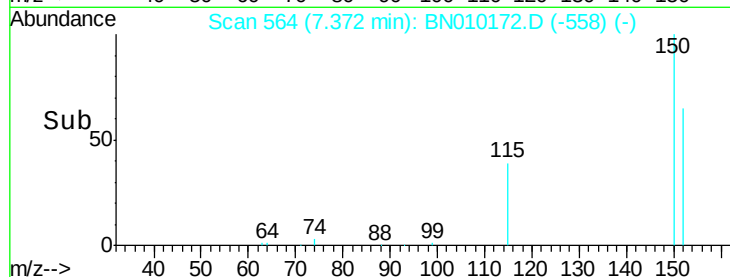
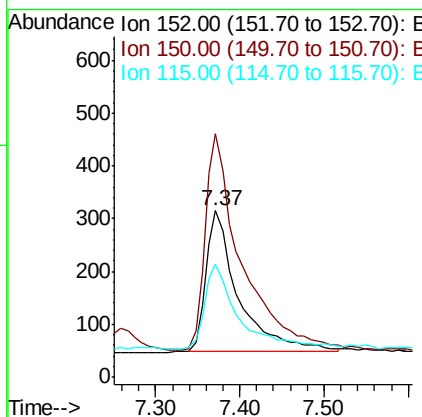
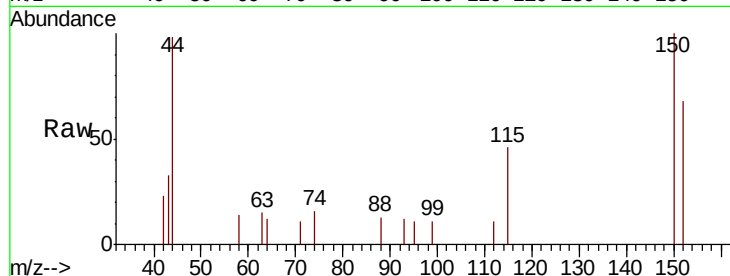
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	120.6	181.0
115	67.6	51.2	76.8

Manual Integrations
APPROVED

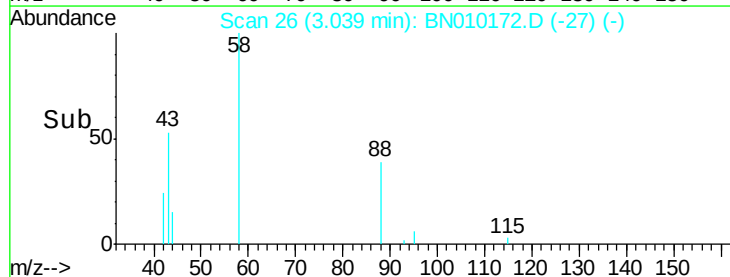
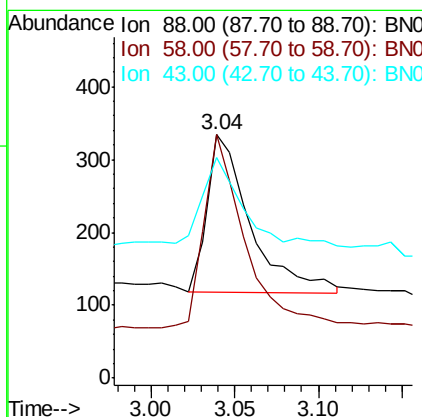
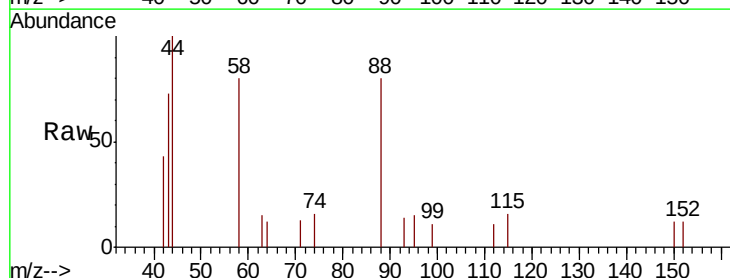
mohammad
3/11/2020 5:08:03 PM

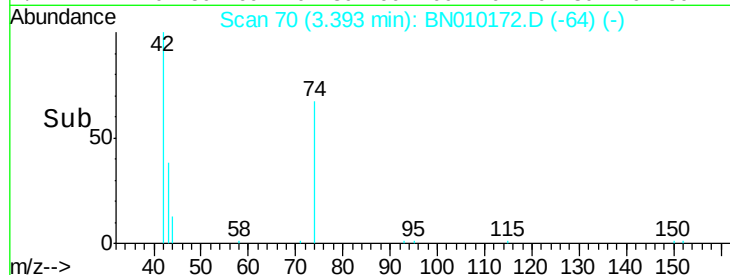
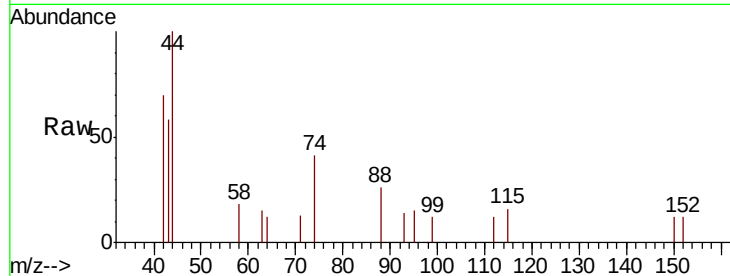
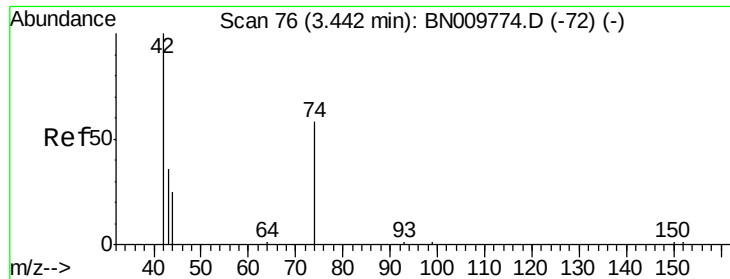


#2

1,4-Dioxane
Concen: 0.538 ng m
RT: 3.04 min Scan# 26
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#





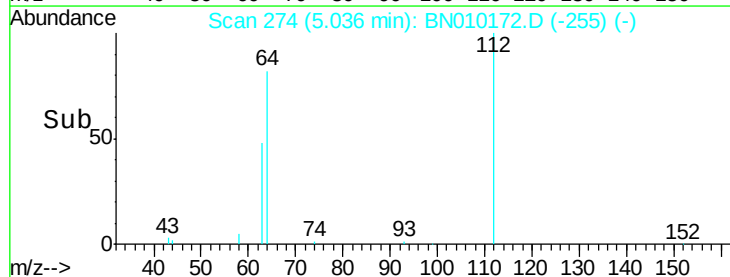
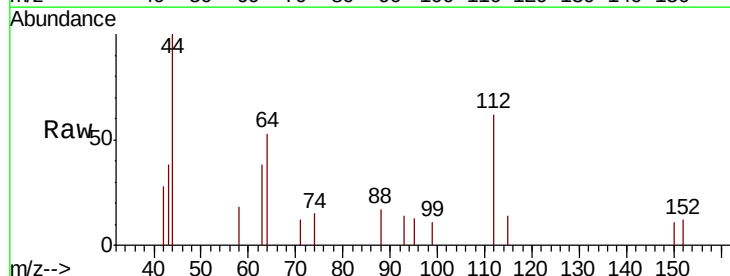
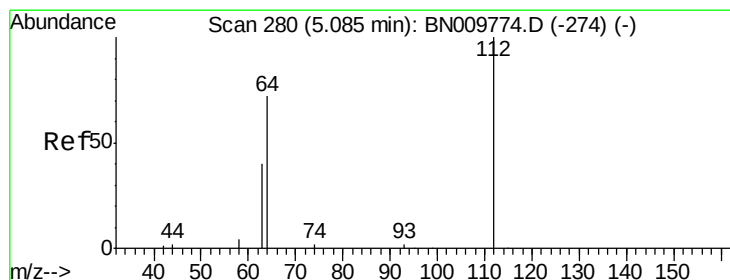
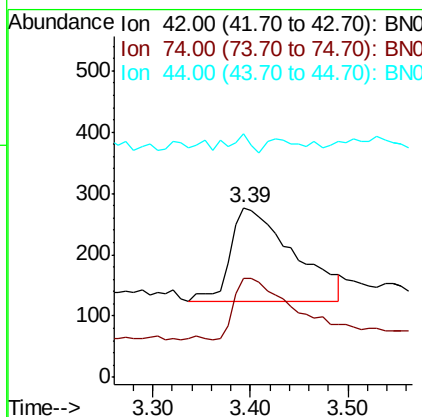
#3
n-Nitrosodimethylamine
Concen: 0.577 ng
RT: 3.39 min Scan# 70
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tot Ion:	42	Resp:	688
Ion	Ratio	Lower	Upper
42	100		
74	60.0	51.2	76.8
44	6.0	2.6	4.0#

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

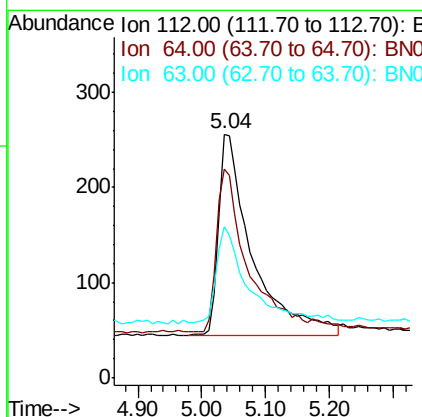
Manual Integrations
APPROVED

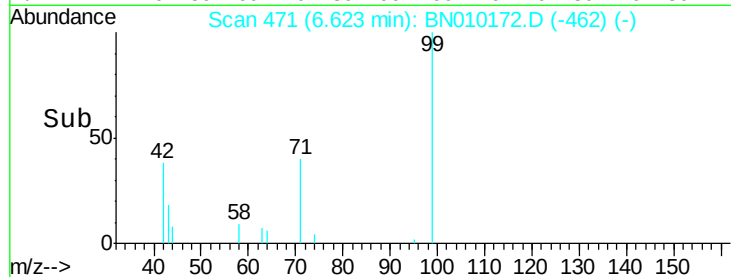
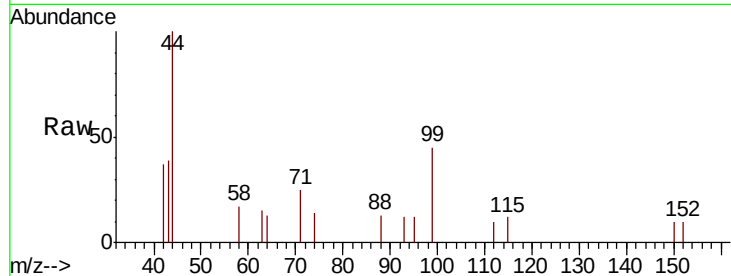
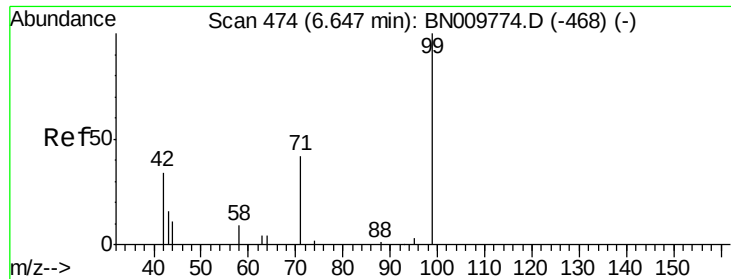
mohammad
3/11/2020 5:08:03 PM



#4
2-Fluorophenol
Concen: 0.485 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:	112	Resp:	764
Ion	Ratio	Lower	Upper
112	100		
64	75.5	65.8	98.6
63	45.5	38.7	58.1





#5

Phenol-d6

Concen: 0.431 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Tot Ion:	99	Resp:	827
Ion	Ratio	Lower	Upper
99	100		
42	37.4	30.8	46.2
71	42.1	34.9	52.3

Instrument :

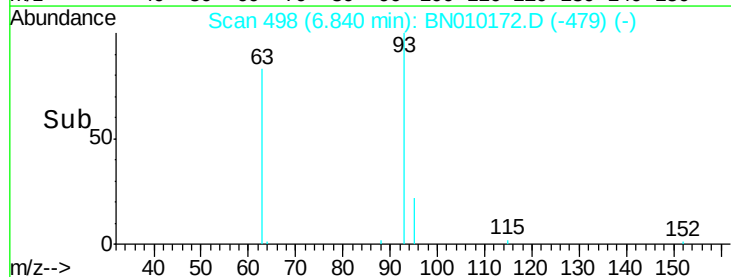
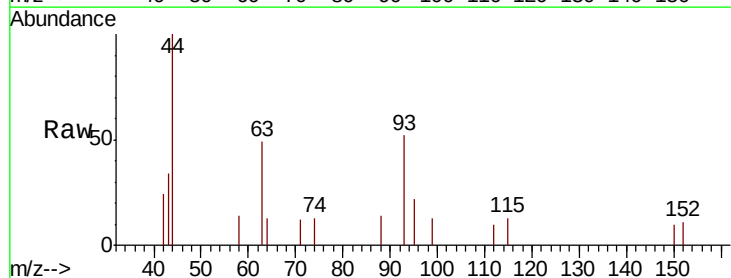
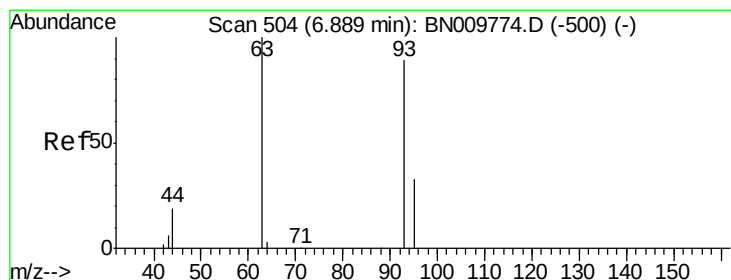
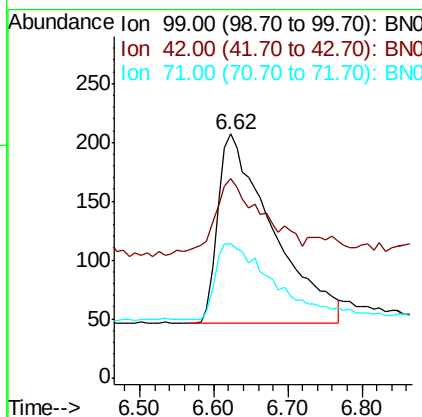
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:03 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.424 ng

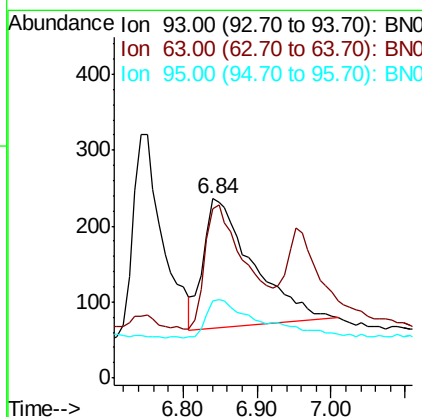
RT: 6.84 min Scan# 498

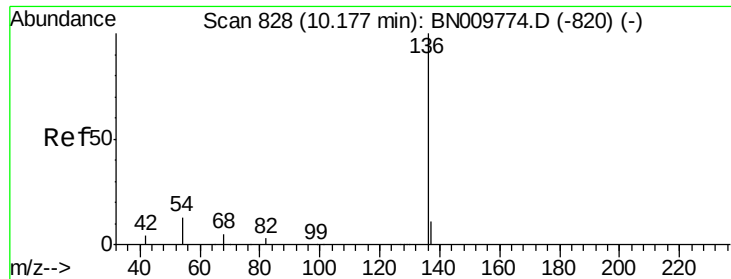
Delta R.T. -0.05 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Tgt Ion:	93	Resp:	791
Ion	Ratio	Lower	Upper
93	100		
63	79.6	74.0	111.0
95	32.4	26.7	40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 824

Delta R.T. -0.05 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

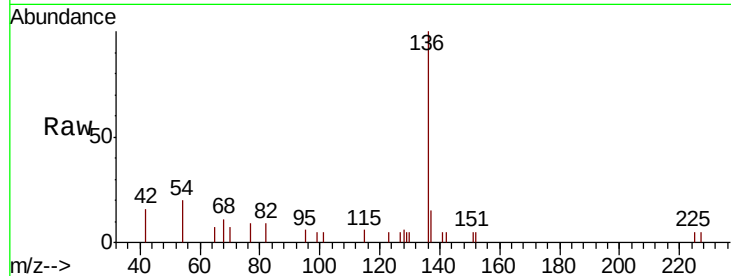
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	15.5	11.3	16.9
54	19.9	13.4	20.2
68	11.0	7.0	10.4

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:03 PM

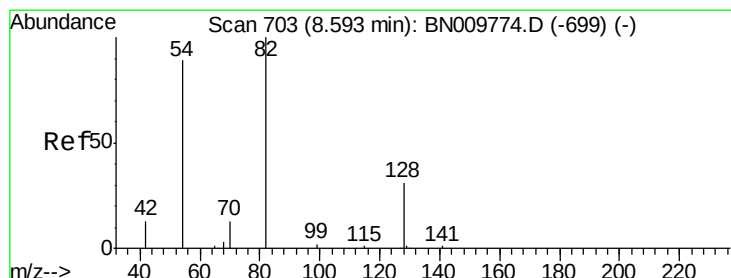
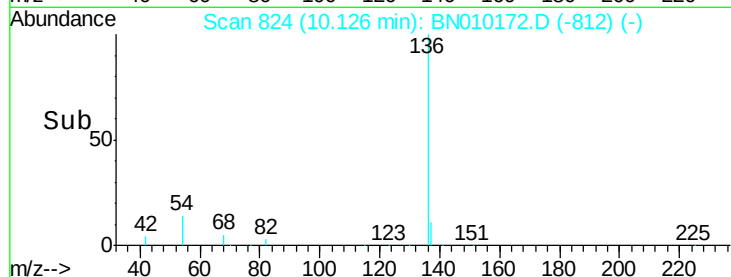
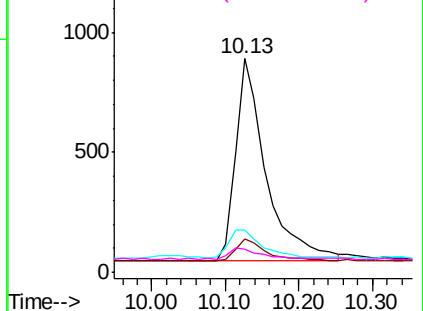


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN010172.D

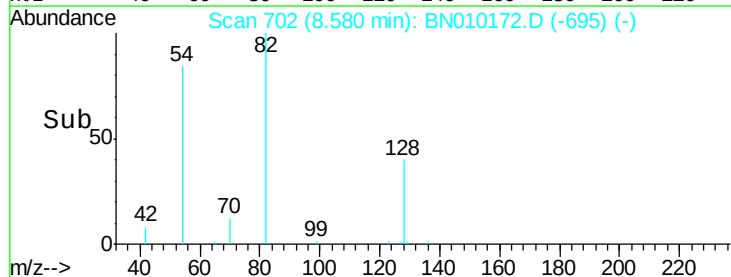
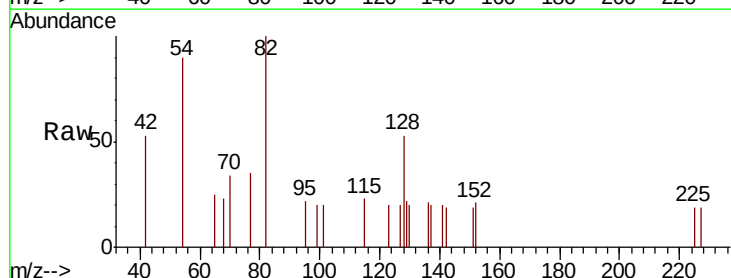
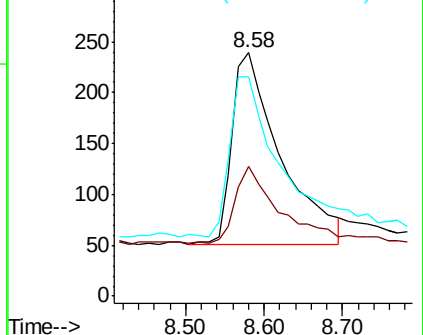
Acq: 10 Mar 2020 22:28

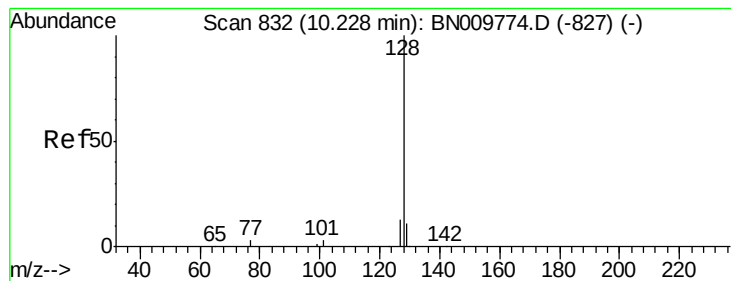
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.1	32.5	48.7
54	90.0	73.5	110.3

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: 0.414 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.05 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

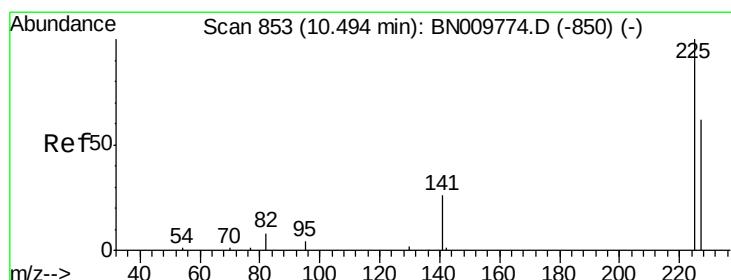
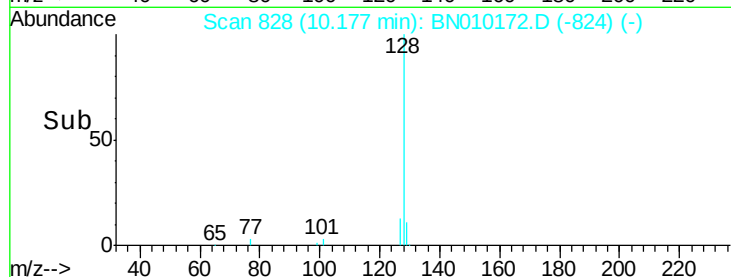
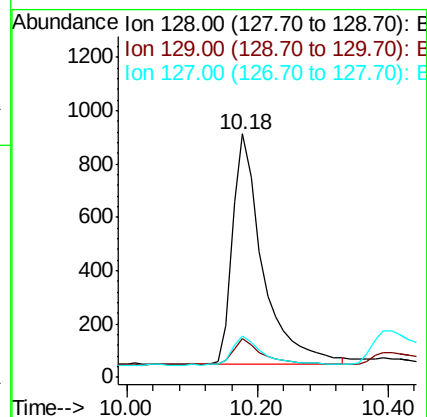
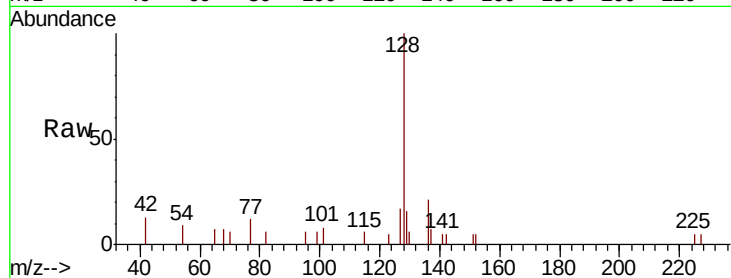
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:128	Resp:	2754
Ion Ratio	Lower	Upper
128	100	
129	16.1	11.1 16.7
127	17.1	12.6 19.0

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:03 PM



#10

Hexachlorobutadiene

Concen: 0.443 ng

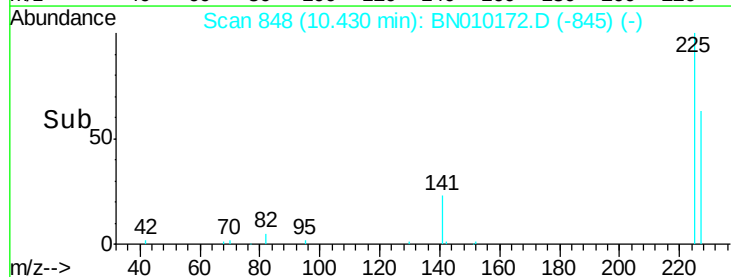
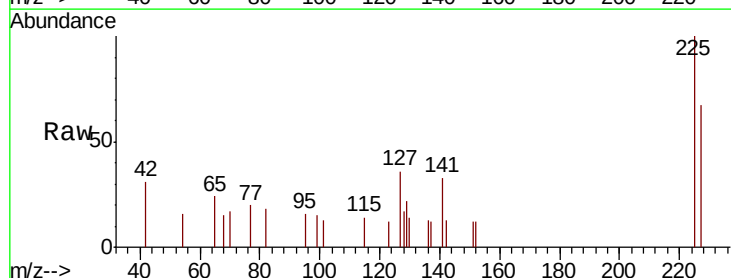
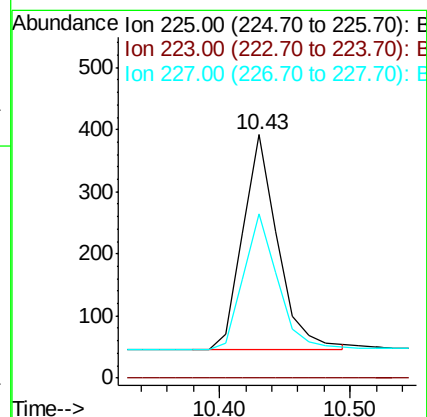
RT: 10.43 min Scan# 848

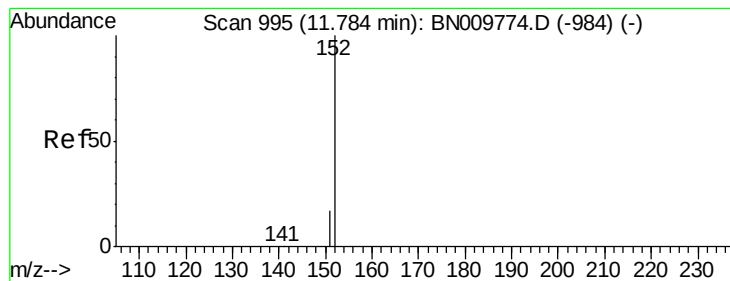
Delta R.T. -0.06 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Tgt Ion:225	Resp:	648
Ion Ratio	Lower	Upper
225	100	
223	0.0	0.0 0.0
227	61.9	53.4 80.2





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 11.74 min Scan# 986

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:152 Resp: 1939

Ion Ratio Lower Upper

152 100

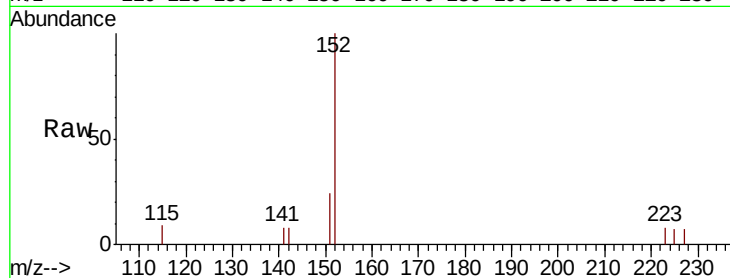
151 18.7 15.1 22.7

Manual Integrations

APPROVED

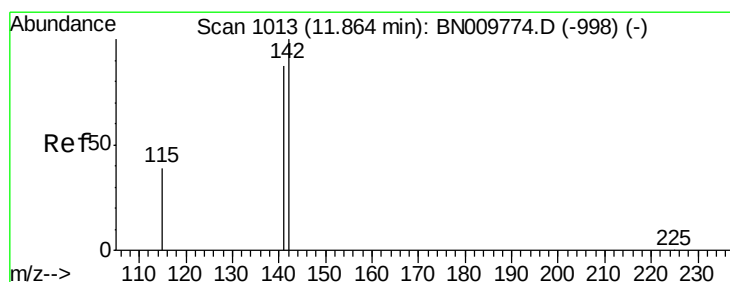
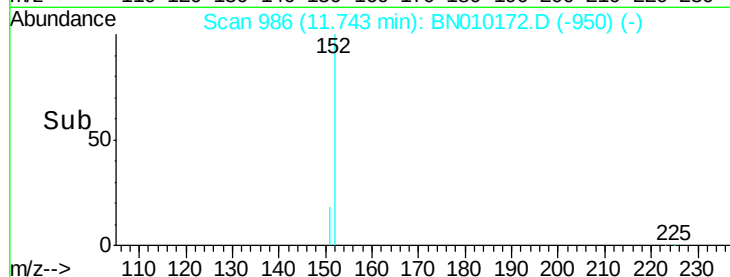
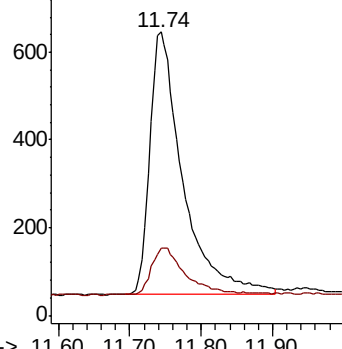
mohammad

3/11/2020 5:08:03 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

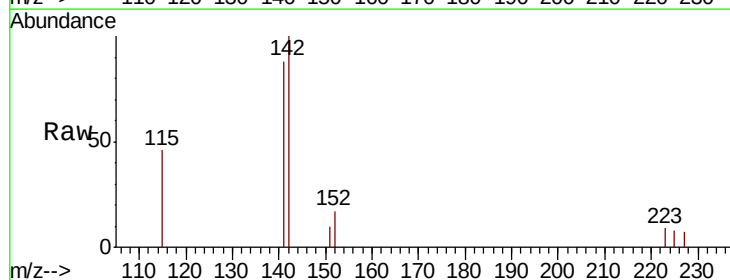
Tgt Ion:142 Resp: 1861

Ion Ratio Lower Upper

142 100

141 87.9 69.8 104.6

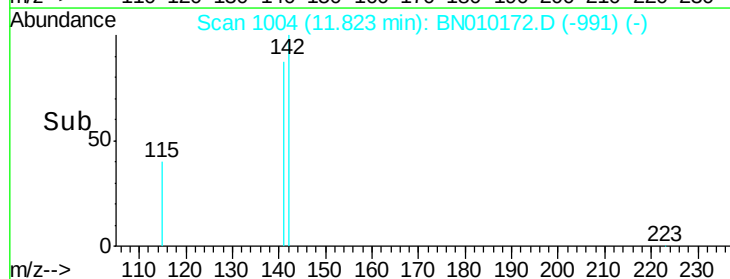
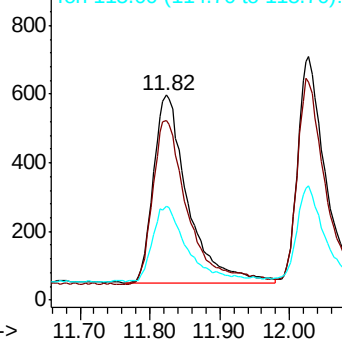
115 45.7 34.6 52.0

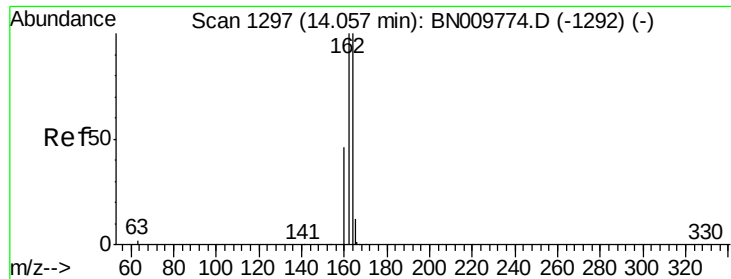


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





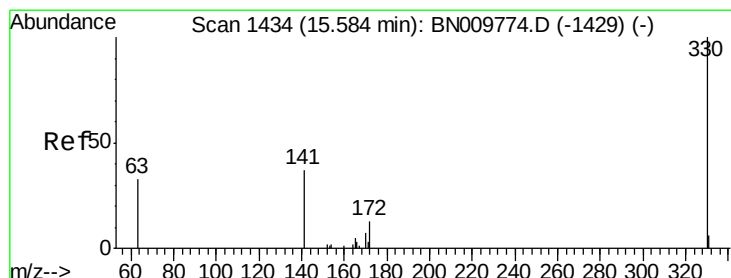
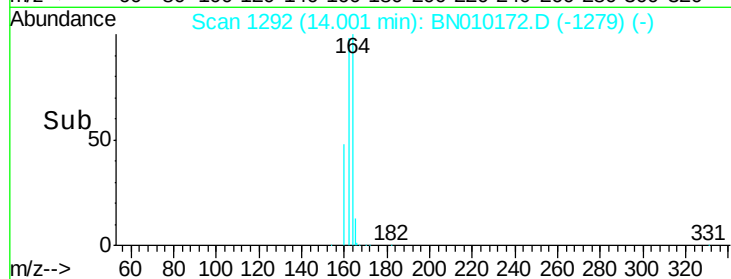
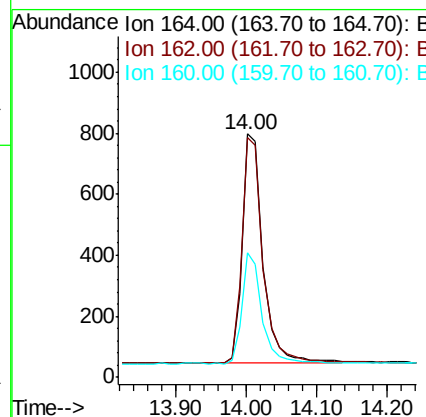
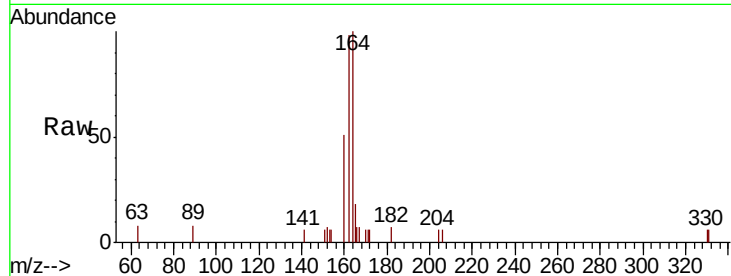
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1292
 Delta R.T. -0.06 min
 Lab File: BN010172.D
 Acq: 10 Mar 2020 22:28

Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion:	164	Resp:	1545
Ion Ratio	Lower	Upper	
164	100		
162	98.2	79.9	119.9
160	51.0	38.2	57.2

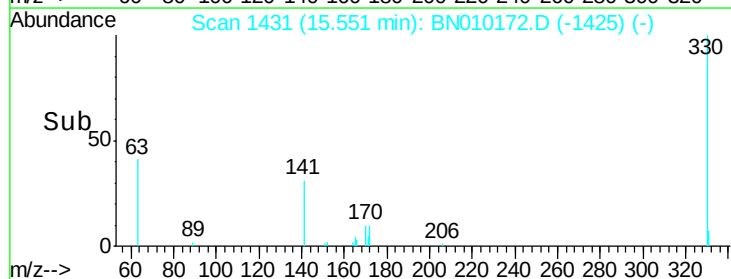
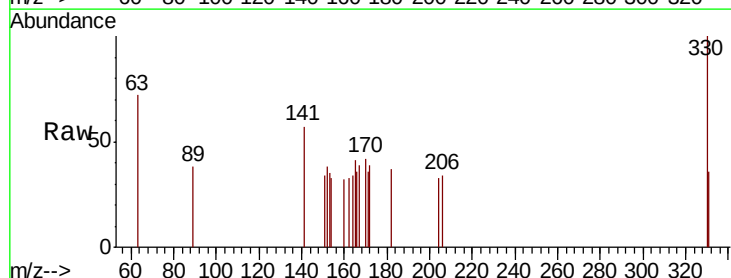
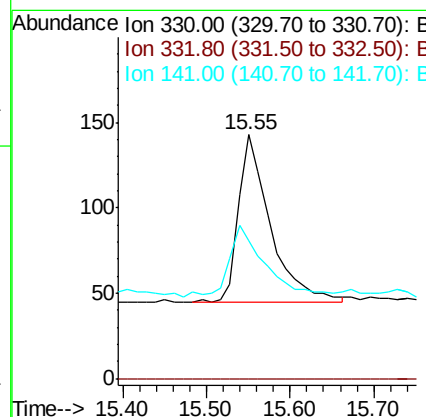
Manual Integrations
 APPROVED

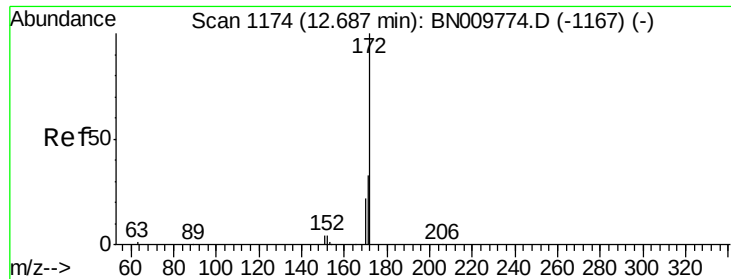
mohammad
 3/11/2020 5:08:03 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.432 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BN010172.D
 Acq: 10 Mar 2020 22:28

Tgt Ion:	330	Resp:	257
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	48.2	36.8	55.2





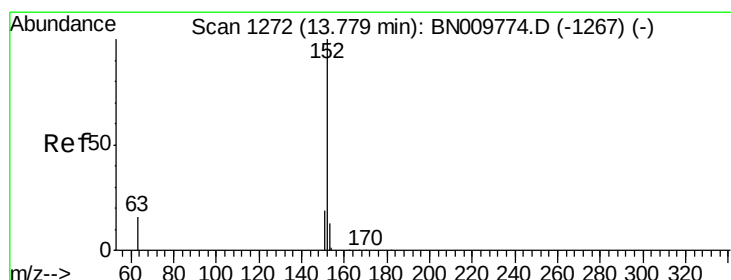
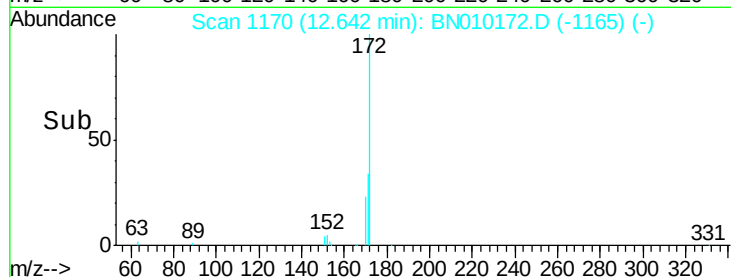
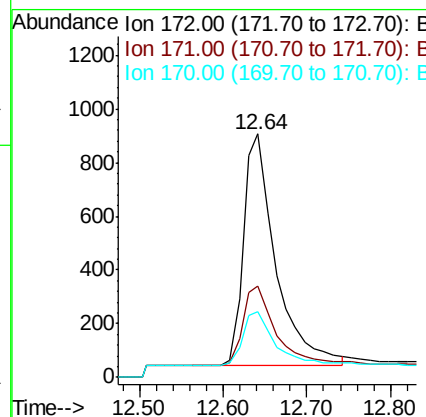
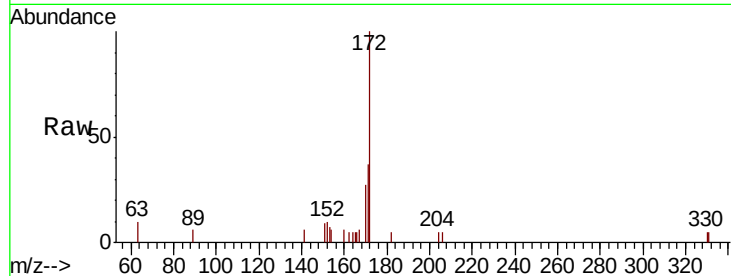
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	26.9	20.1	30.1

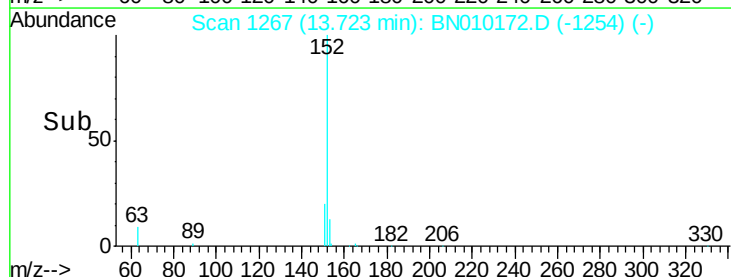
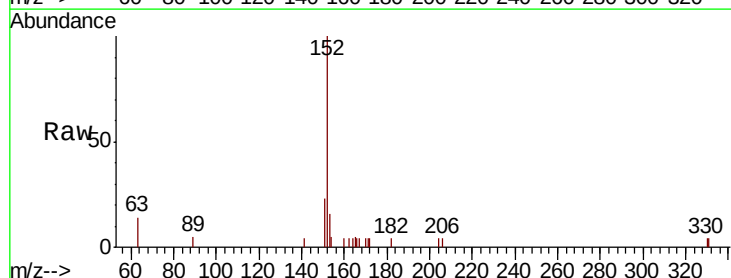
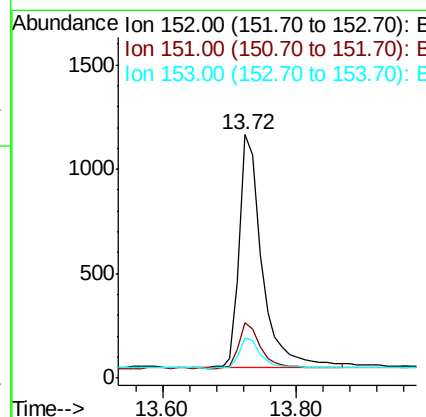
Manual Integrations
APPROVED

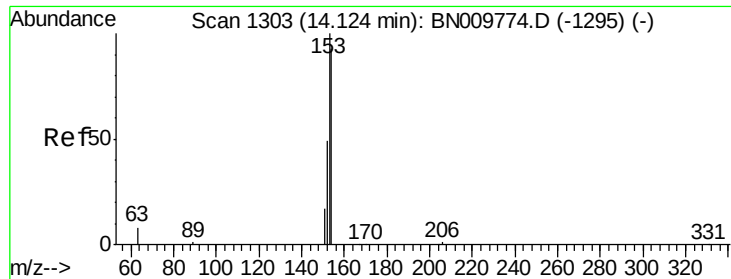
mohammad
3/11/2020 5:08:03 PM



#16
Acenaphthylene
Concen: 0.397 ng
RT: 13.72 min Scan# 1267
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6
153	12.9	10.2	15.4





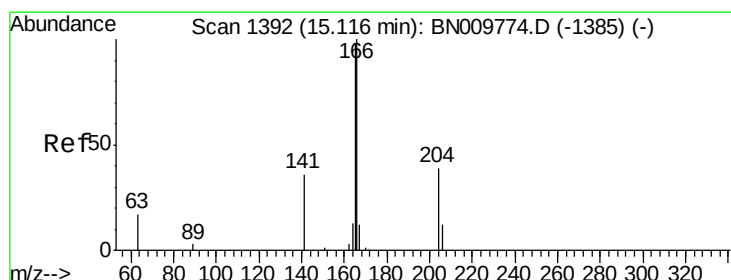
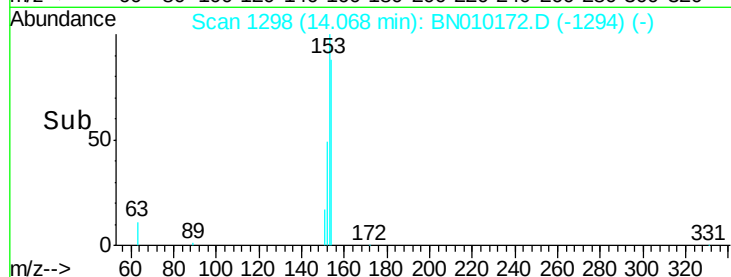
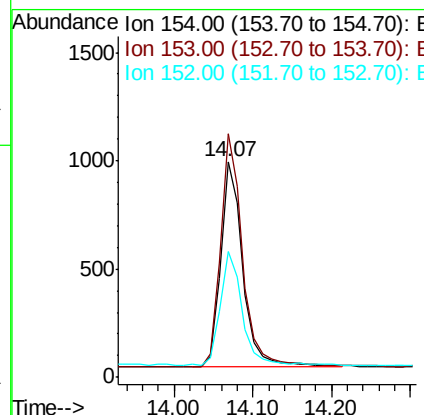
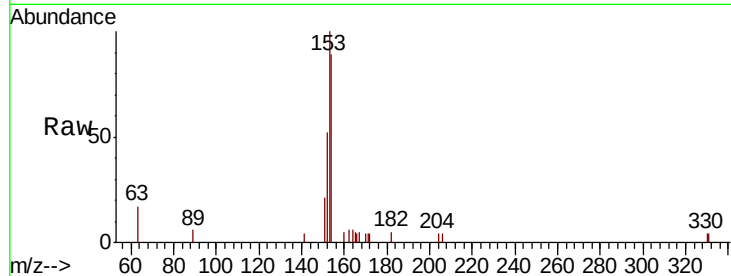
#17
Acenaphthene
Concen: 0.404 ng
RT: 14.07 min Scan# 1298
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.9	133.3
152	54.3	44.2	66.2

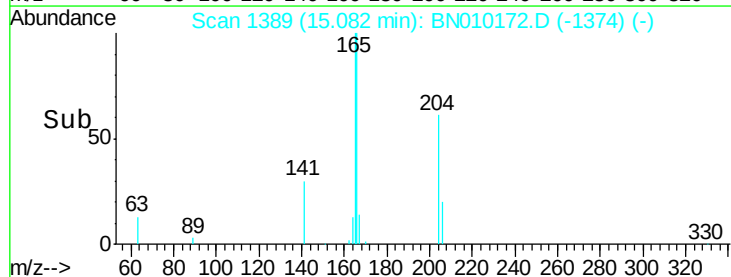
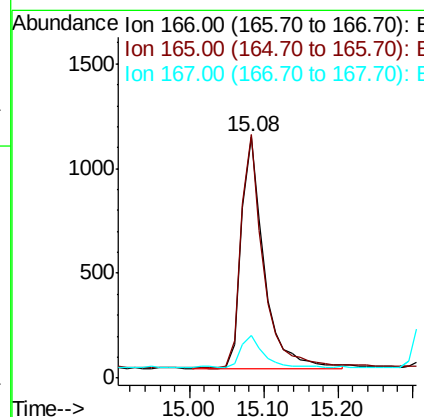
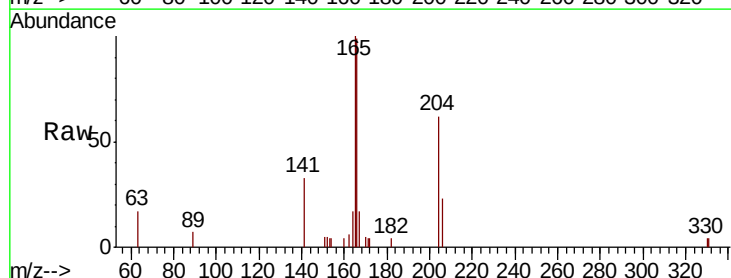
Manual Integrations
APPROVED

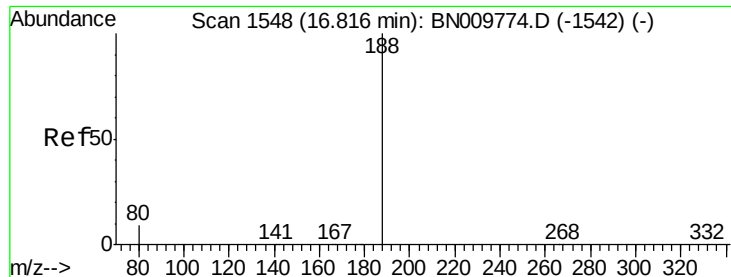
mohammad
3/11/2020 5:08:03 PM



#18
Fluorene
Concen: 0.383 ng
RT: 15.08 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.2	115.8
167	14.2	10.5	15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

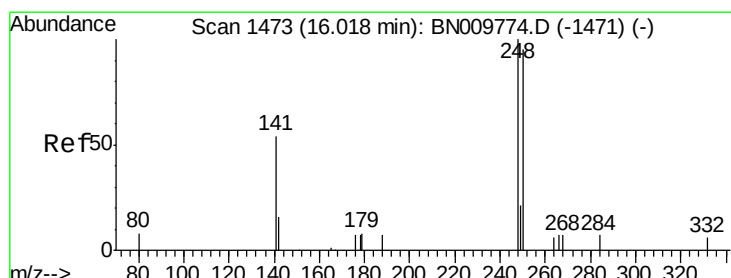
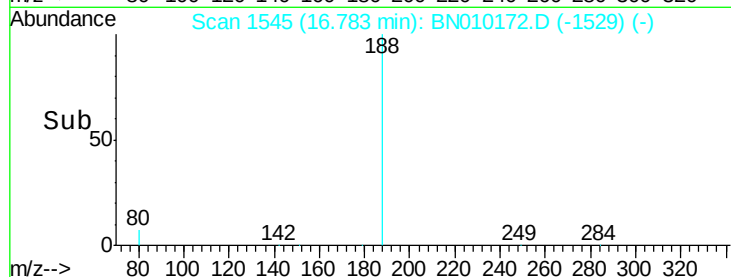
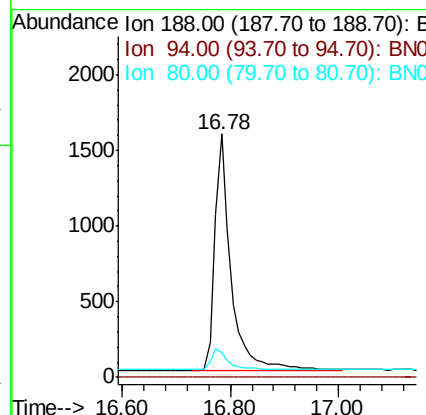
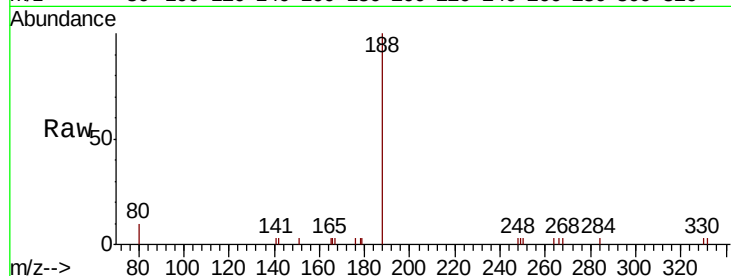
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	188	Resp:	3268
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.3	8.3	12.5

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:03 PM



#20

4-Bromophenyl-phenylether

Concen: 0.202 ng m

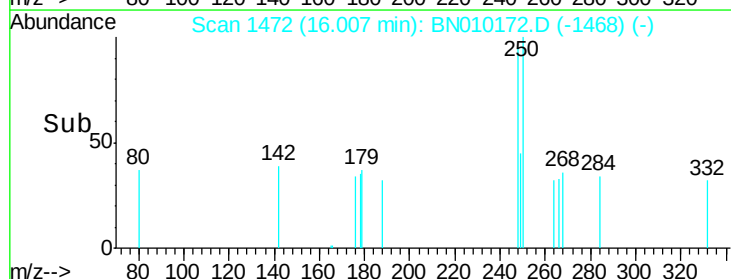
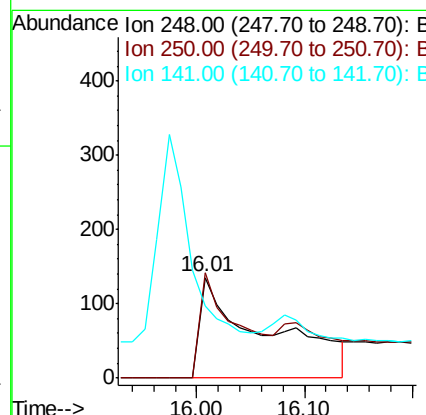
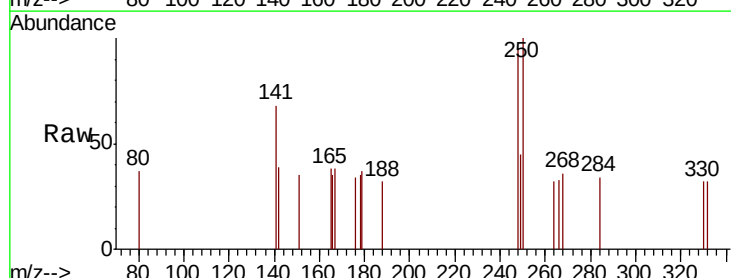
RT: 16.01 min Scan# 1472

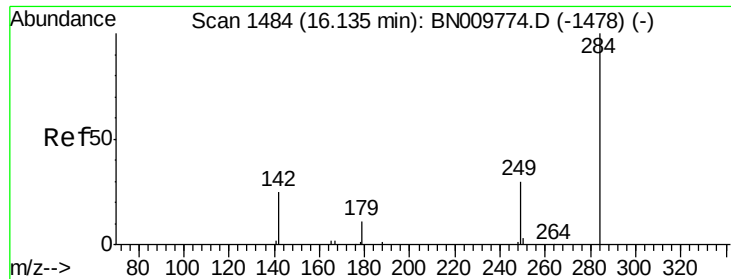
Delta R.T. -0.01 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Tgt Ion:	248	Resp:	571
Ion Ratio	Lower	Upper	
248	100		
250	105.2	76.2	114.4
141	71.9	57.8	86.6





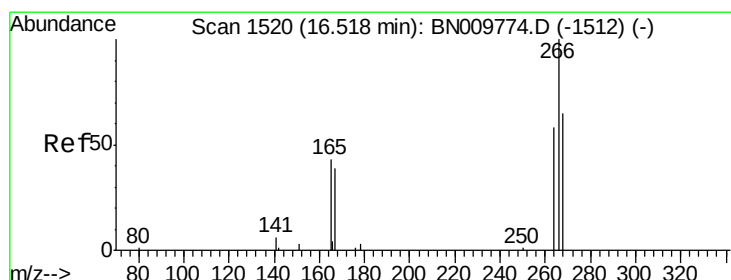
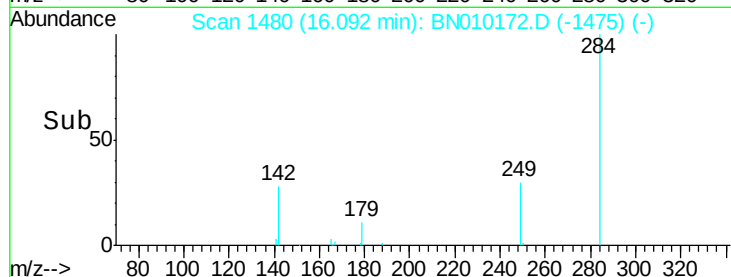
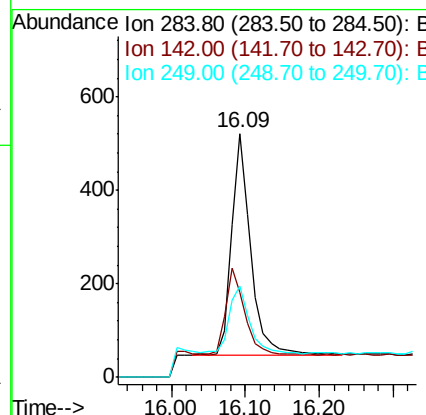
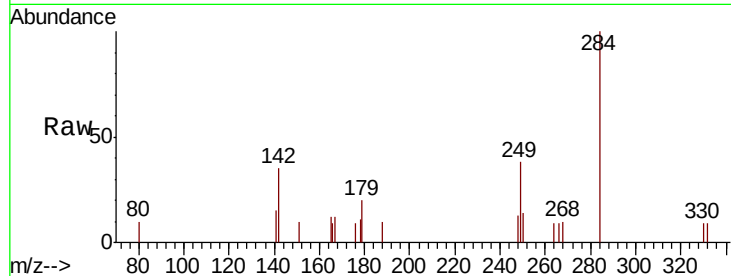
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.09 min Scan# 1480
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:	284	Resp:	859
Ion Ratio	Lower	Upper	
284	100		
142	39.2	33.3	49.9
249	32.7	25.7	38.5

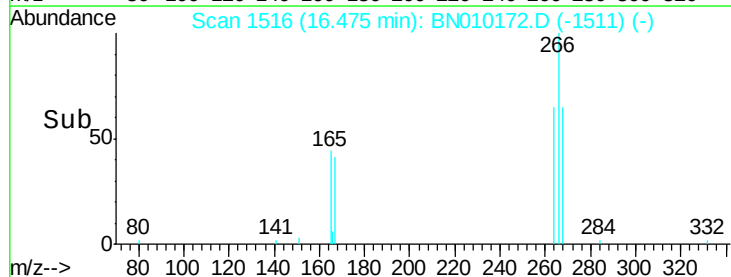
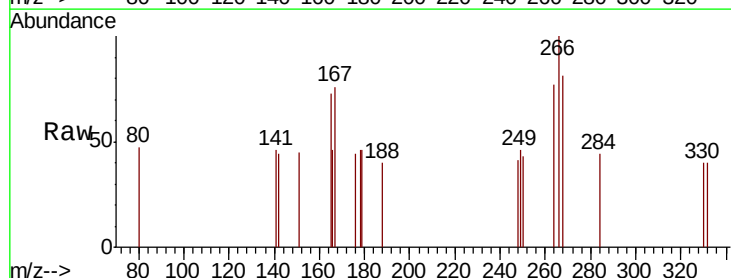
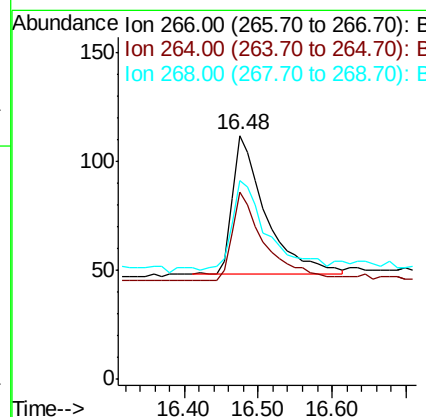
Manual Integrations
APPROVED

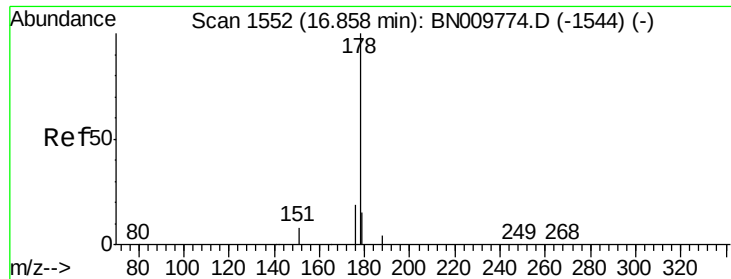
mohammad
3/11/2020 5:08:03 PM



#22
Pentachlorophenol
Concen: 0.475 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:	266	Resp:	202
Ion Ratio	Lower	Upper	
266	100		
264	76.8	58.1	87.1
268	81.3	65.7	98.5





#23

Phenanthrene

Concen: 0.385 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

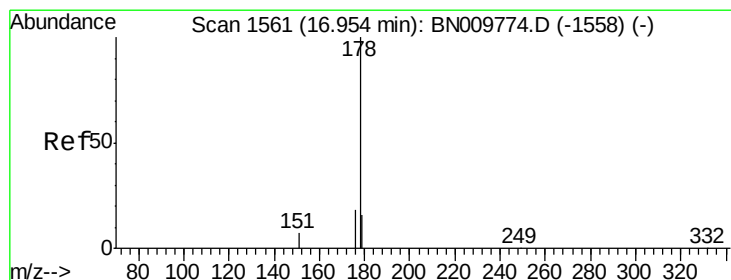
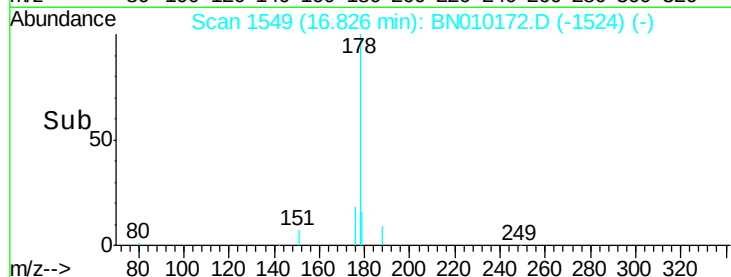
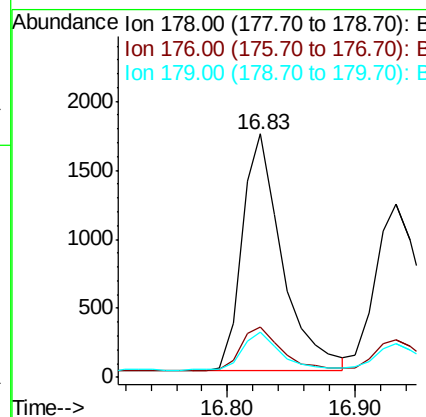
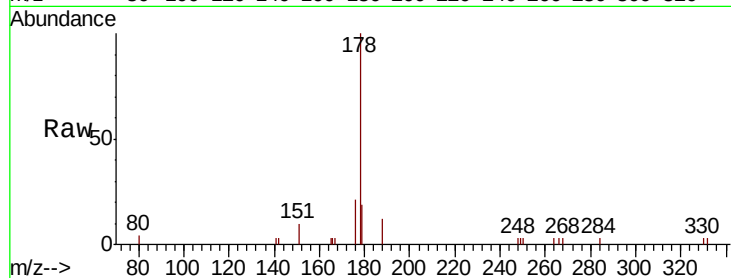
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178	Resp:	3740
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.3 22.9
179	15.3	12.4 18.6

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:03 PM



#24

Anthracene

Concen: 0.388 ng

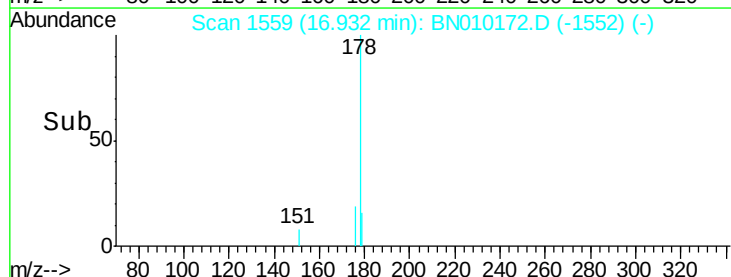
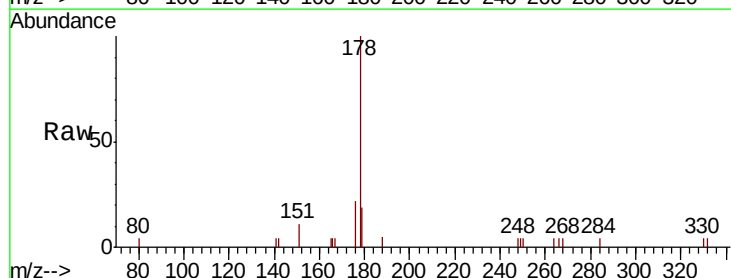
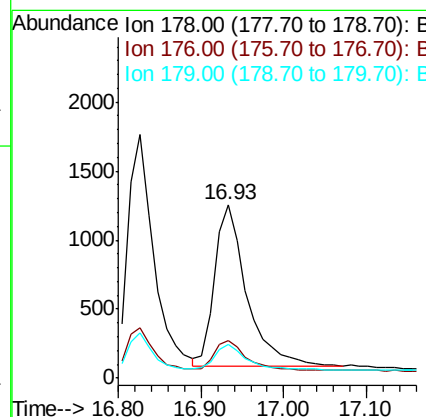
RT: 16.93 min Scan# 1559

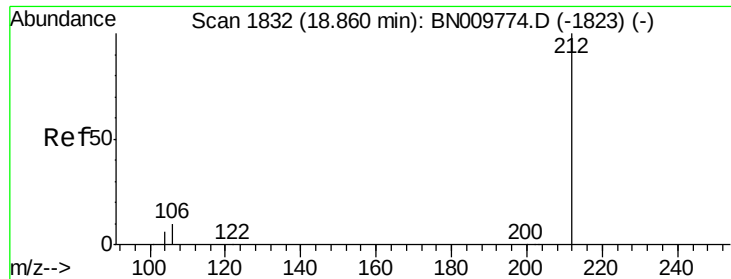
Delta R.T. -0.02 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Tgt Ion:178	Resp:	3191
Ion Ratio	Lower	Upper
178	100	
176	18.5	14.3 21.5
179	16.1	12.4 18.6





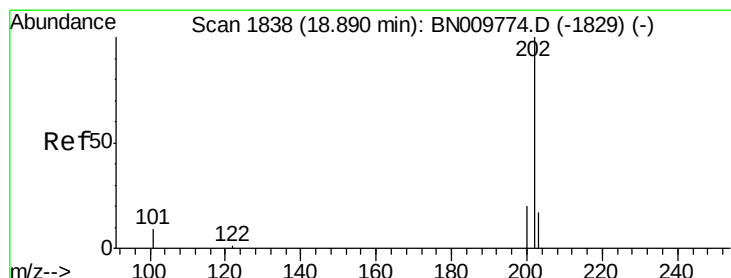
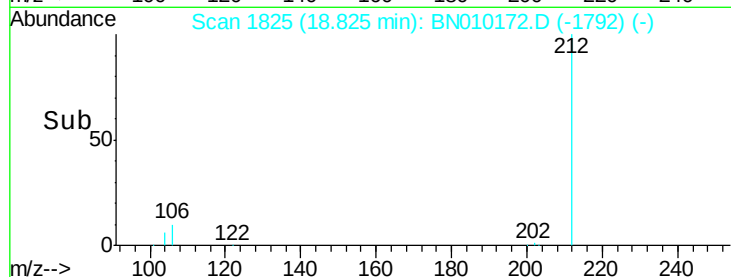
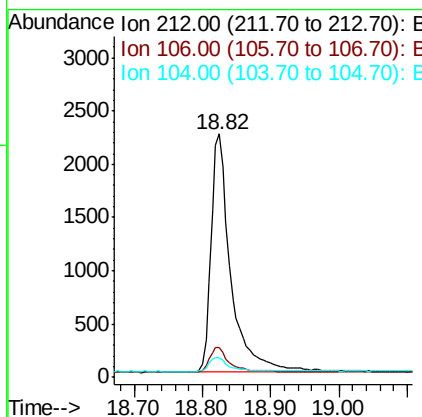
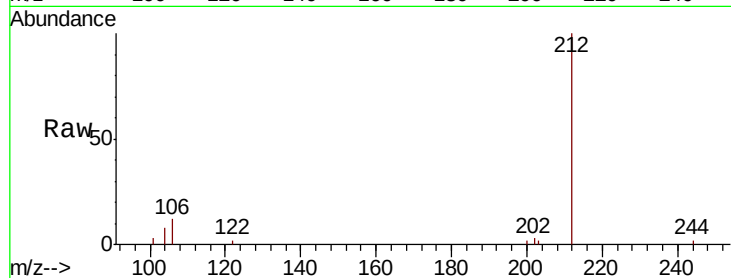
#25
 Fluoranthene-d10
 Concen: 0.404 ng
 RT: 18.82 min Scan# 1825
 Delta R.T. -0.04 min
 Lab File: BN010172.D
 Acq: 10 Mar 2020 22:28

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.4	12.6
104	6.2	4.8	7.2

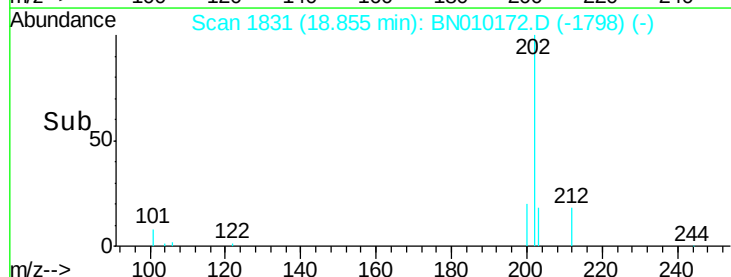
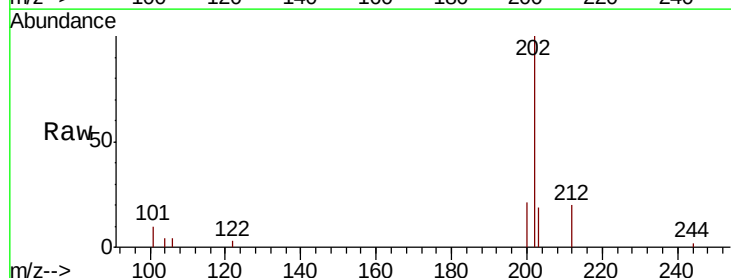
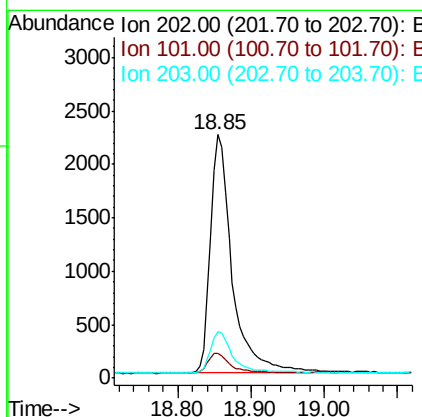
Manual Integrations
 APPROVED

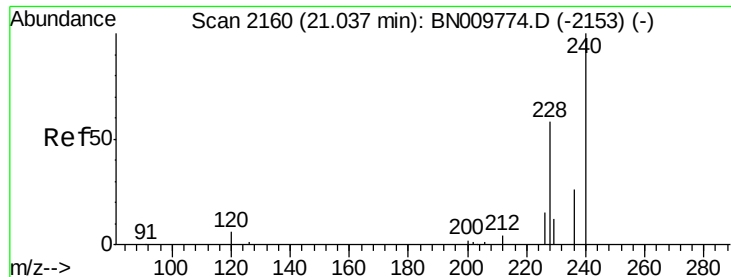
mohammad
 3/11/2020 5:08:03 PM



#26
 Fluoranthene
 Concen: 0.396 ng
 RT: 18.85 min Scan# 1831
 Delta R.T. -0.04 min
 Lab File: BN010172.D
 Acq: 10 Mar 2020 22:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.1	10.7
203	16.7	13.8	20.6





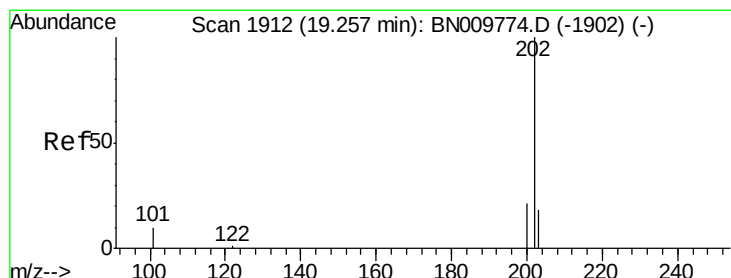
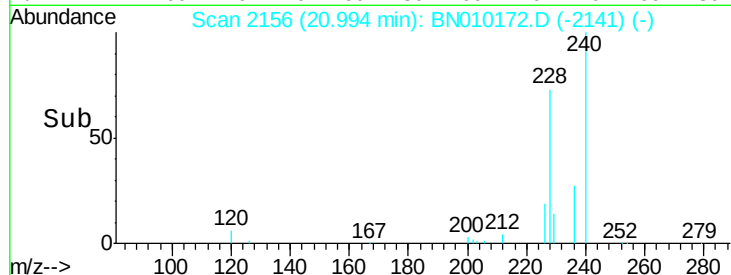
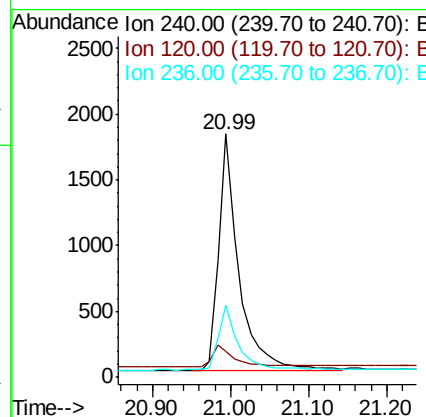
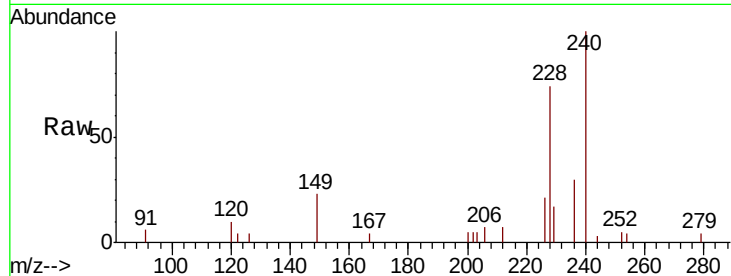
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.9	11.9
236	29.7	22.0	33.0

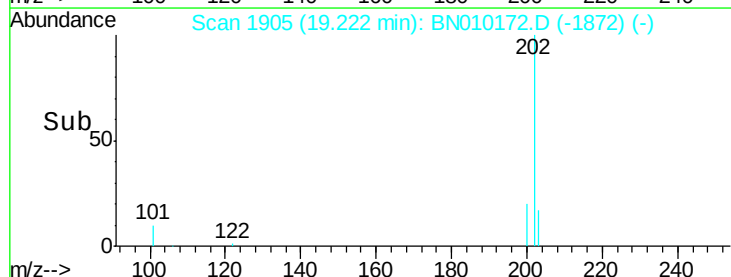
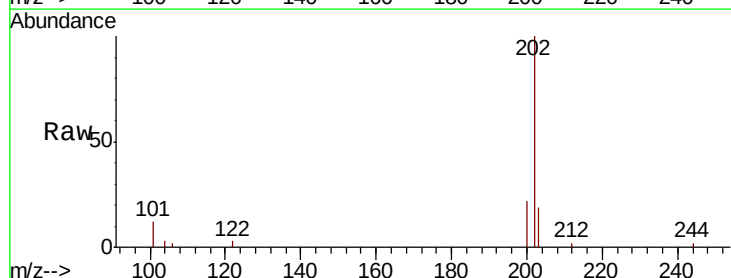
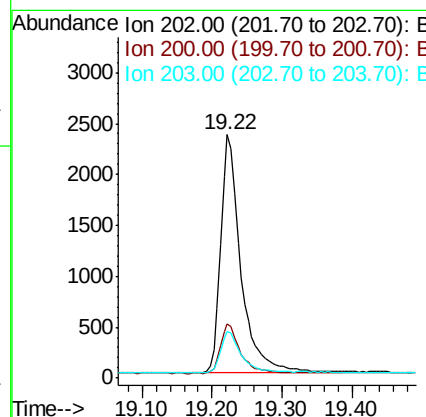
Manual Integrations
APPROVED

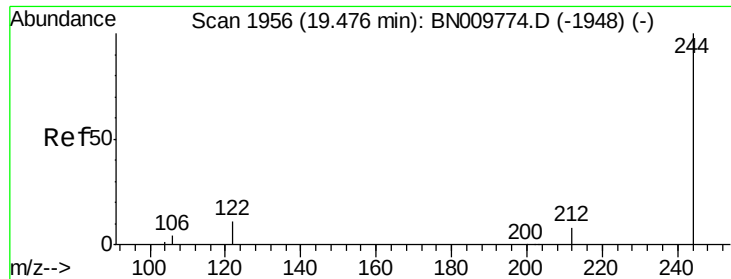
mohammad
3/11/2020 5:08:03 PM



#28
Pyrene
Concen: 0.377 ng
RT: 19.22 min Scan# 1905
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.4	24.6
203	17.5	13.9	20.9





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.44 min Scan# 1948

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

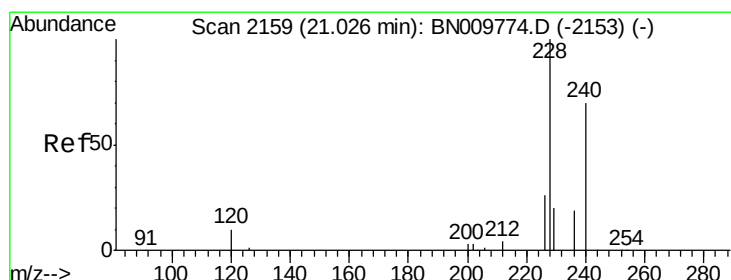
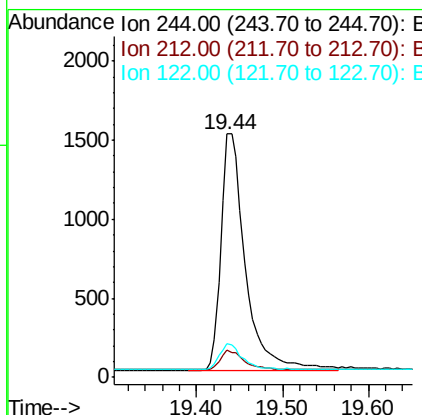
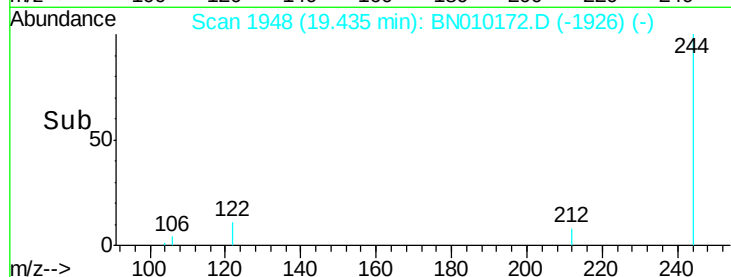
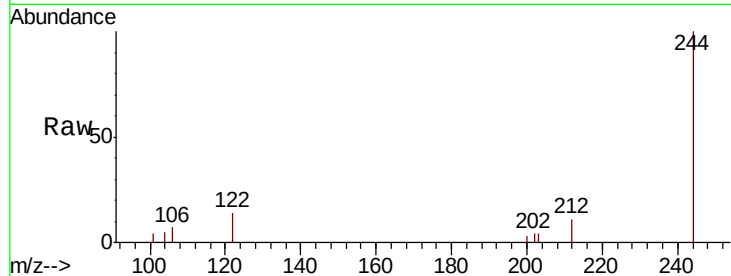
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	244	Resp:	2958
Ion Ratio	Lower	Upper	
244	100		
212	11.1	8.0	12.0
122	13.6	10.0	15.0

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:03 PM



#30

Benzo(a)anthracene

Concen: 0.360 ng

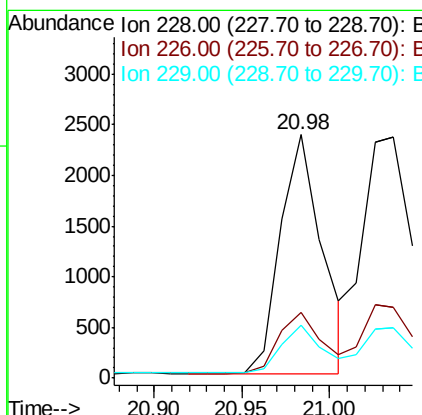
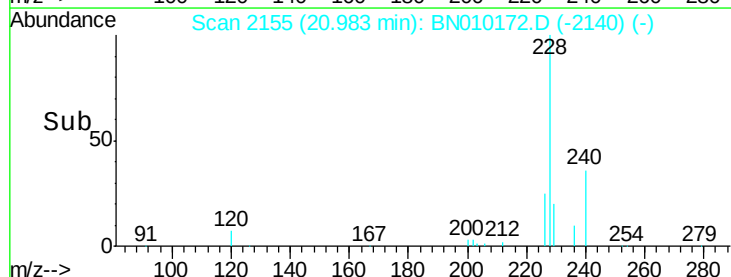
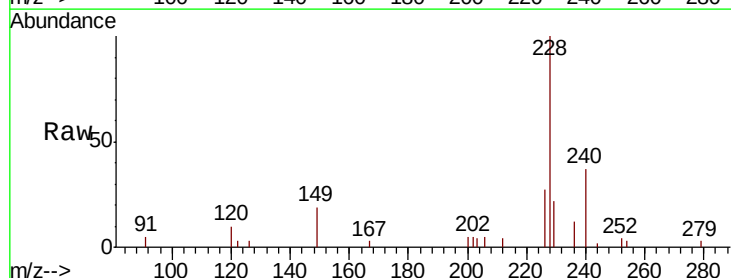
RT: 20.98 min Scan# 2155

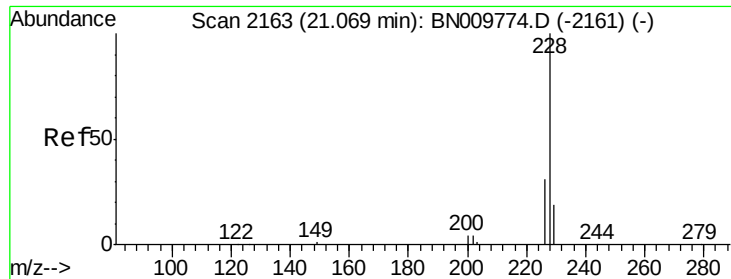
Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Tgt Ion:	228	Resp:	3921
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.8	32.8
229	21.5	17.1	25.7





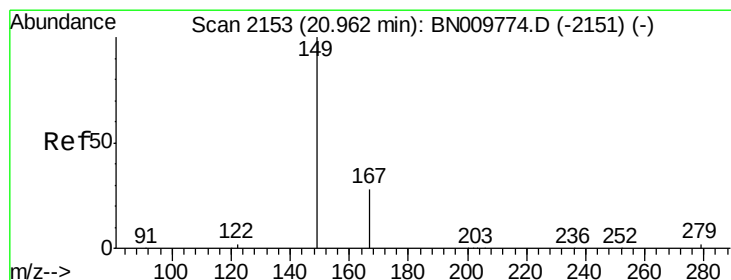
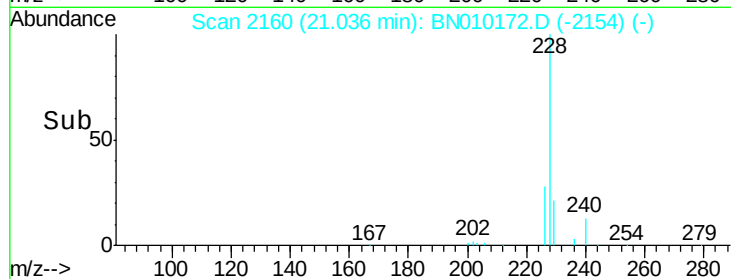
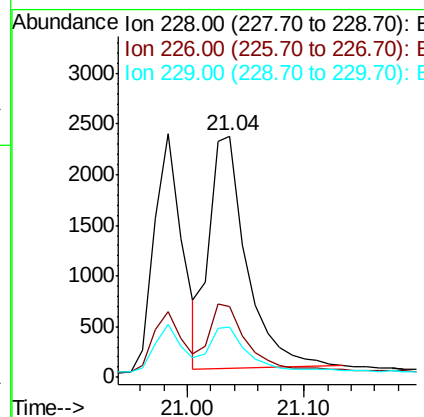
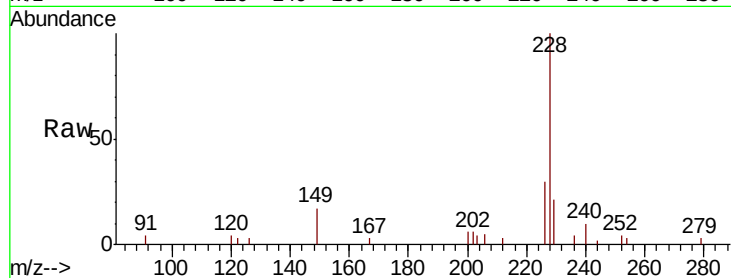
#31
Chrysene
Concen: 0.407 ng
RT: 21.04 min Scan# 2160
Delta R.T. -0.03 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.8	37.2
229	21.1	16.4	24.6

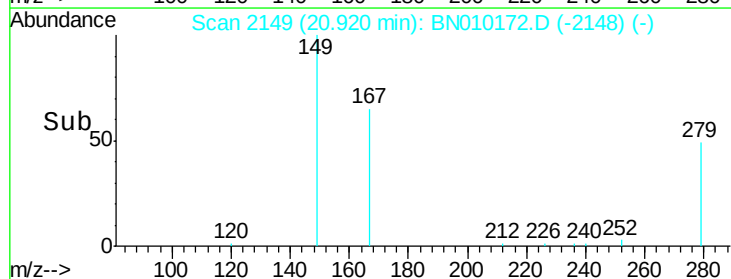
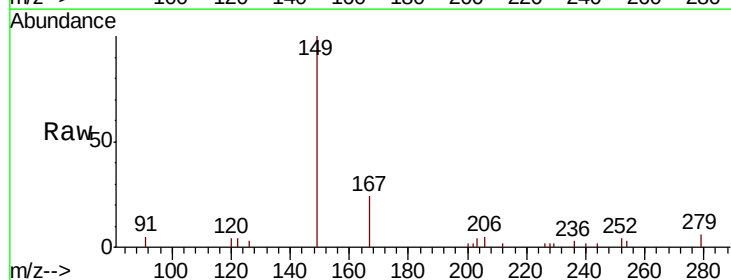
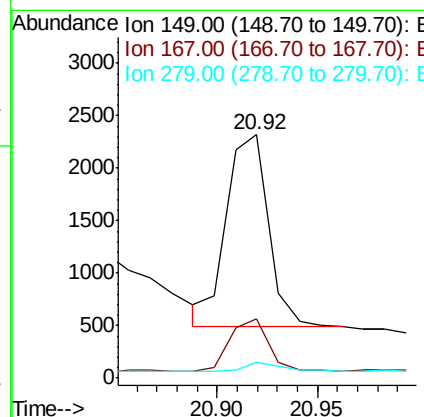
Manual Integrations
APPROVED

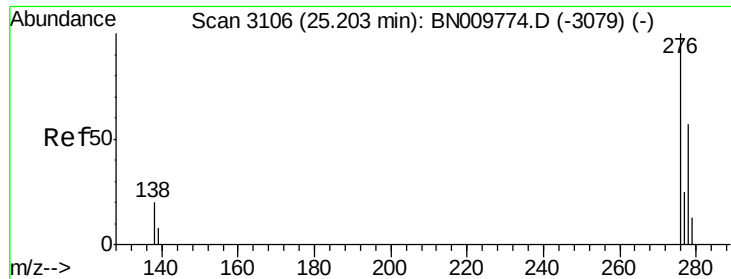
mohammad
3/11/2020 5:08:03 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.500 ng
RT: 20.92 min Scan# 2149
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.8	22.7	34.1
279	3.4	3.1	4.7





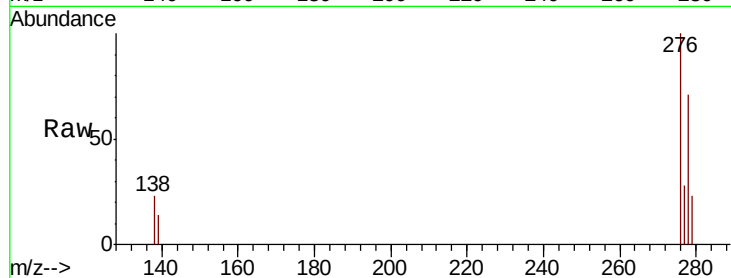
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 25.14 min Scan# 3088
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	15.8	23.6
277	22.8	19.3	28.9

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:03 PM

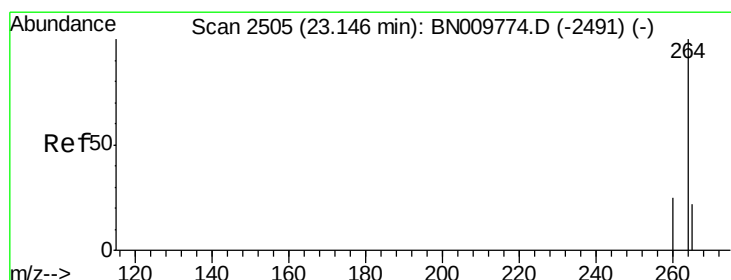
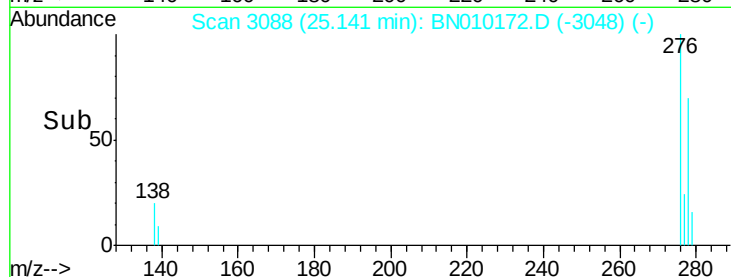
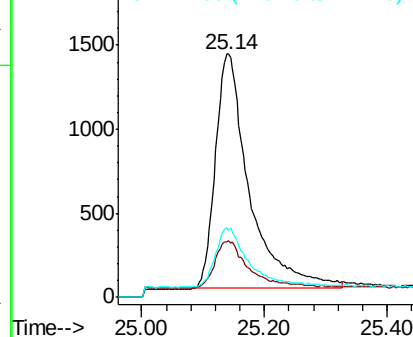


Abundance

Ion 276.00 (275.70 to 276.70): E

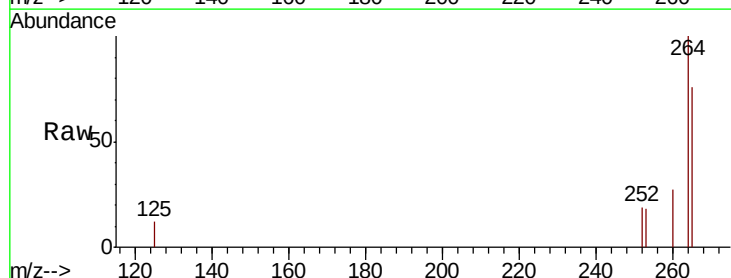
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.1	31.7
265	75.7	57.5	86.3

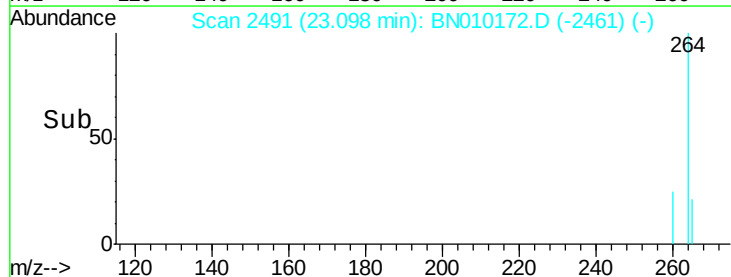
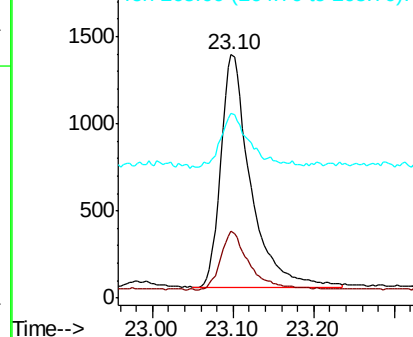


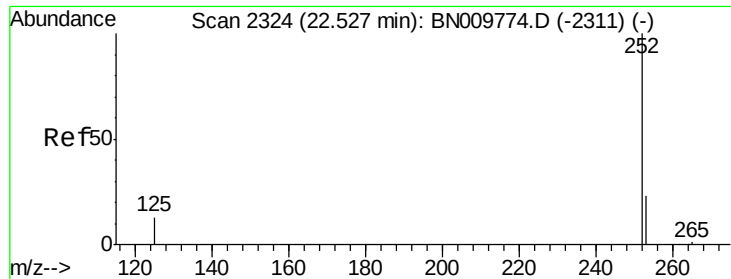
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





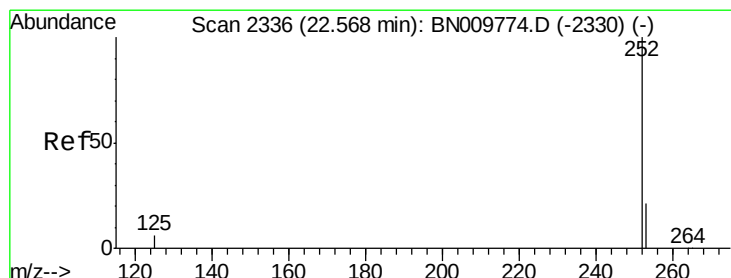
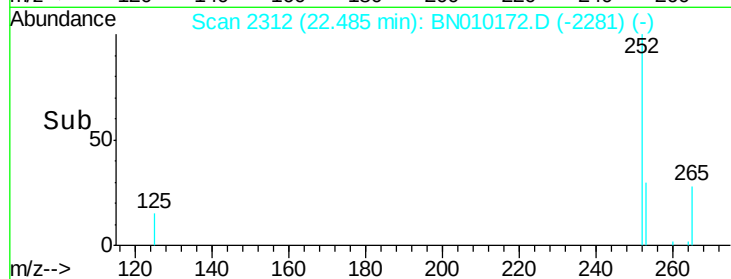
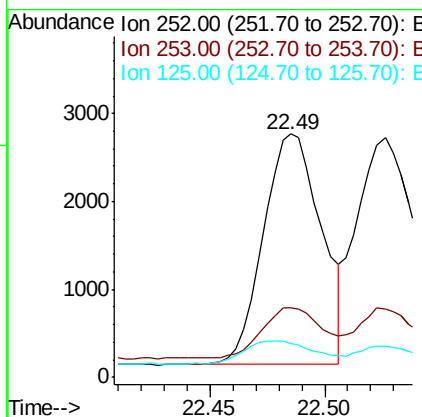
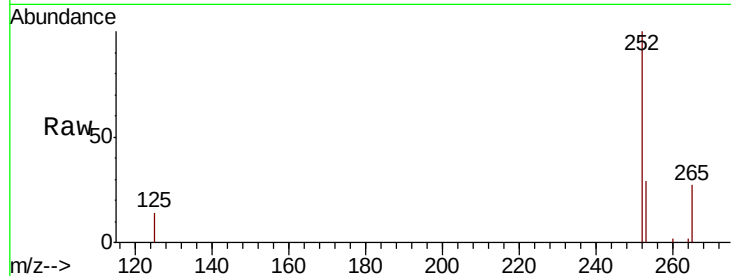
#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.49 min Scan# 2312
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.0	34.6
125	13.9	14.4	21.6

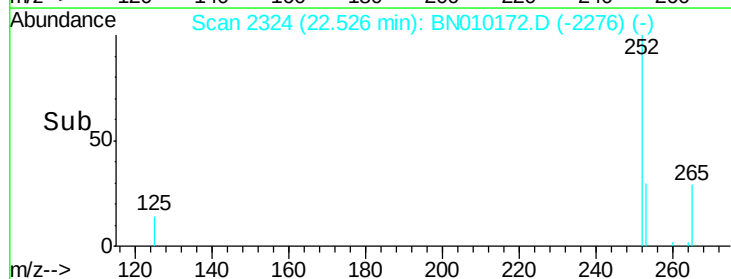
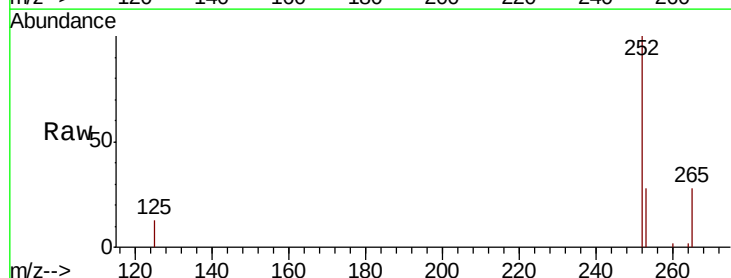
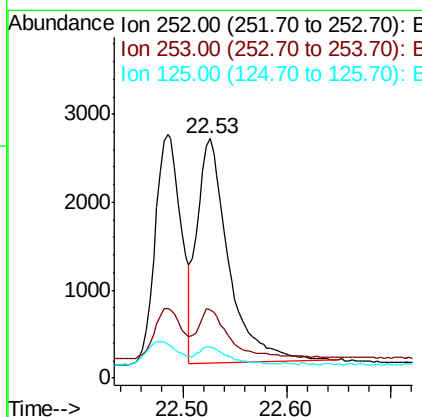
Manual Integrations
APPROVED

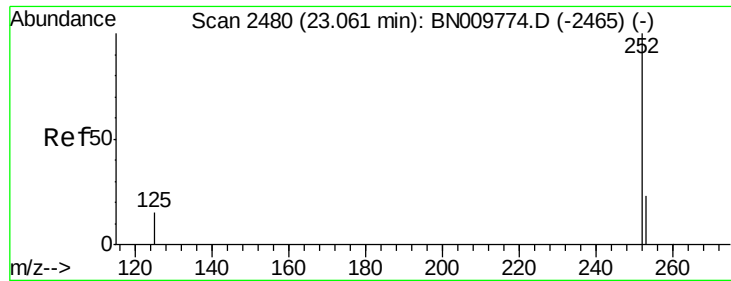
mohammad
3/11/2020 5:08:03 PM



#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 22.53 min Scan# 2324
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.2	33.2
125	13.1	10.5	15.7





#37

Benzo(a)pyrene

Concen: 0.388 ng

RT: 23.02 min Scan# 2467

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

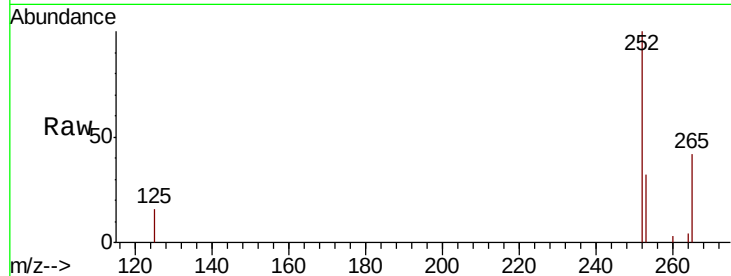
ClientSampleId :

SSTDCCC0.4EC

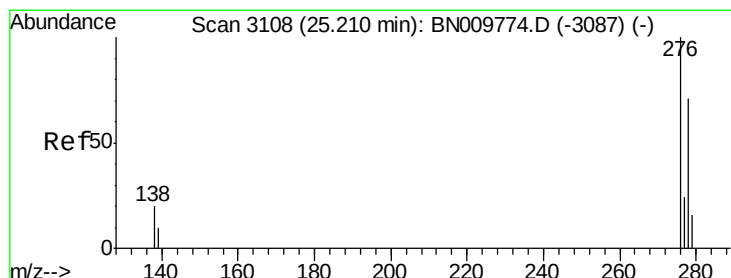
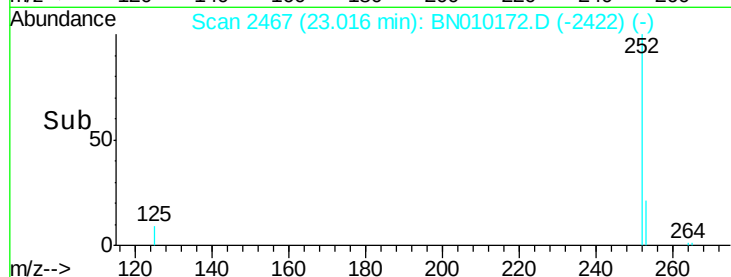
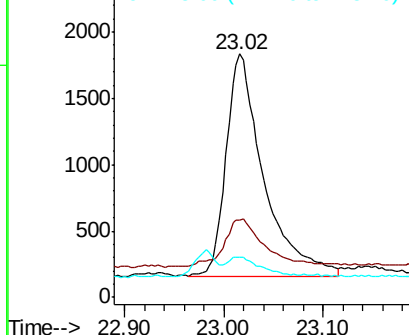
Tot Ion:	252	Resp:	4429
Ion Ratio	Lower	Upper	
252	100		
253	31.8	25.3	37.9
125	16.2	17.7	26.5#

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:03 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: 0.380 ng

RT: 25.15 min Scan# 3090

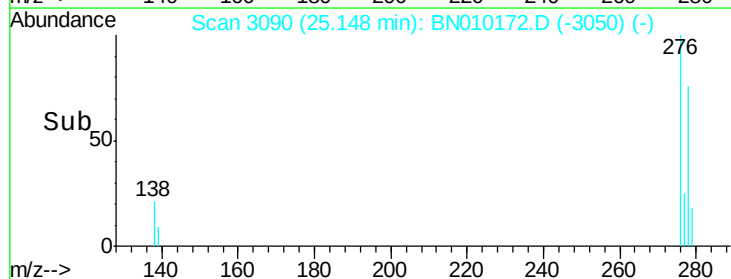
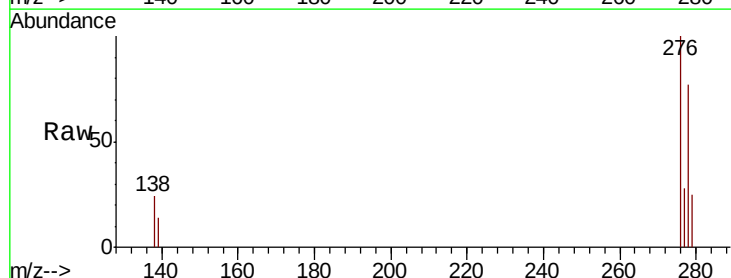
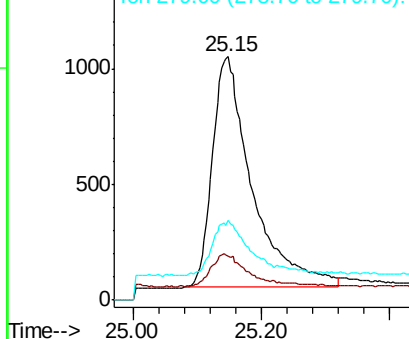
Delta R.T. -0.06 min

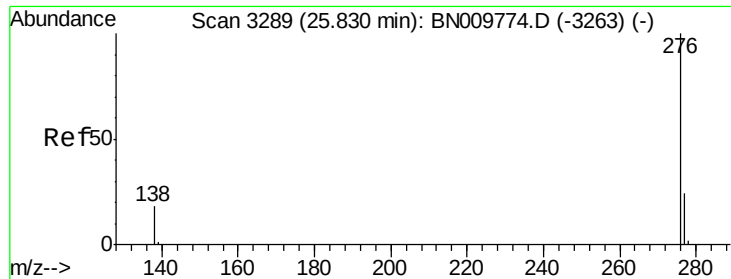
Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Tgt Ion:	278	Resp:	4268
Ion Ratio	Lower	Upper	
278	100		
139	18.3	14.5	21.7
279	32.7	24.3	36.5

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: 0.399 ng

RT: 25.76 min Scan# 3268

Delta R.T. -0.07 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	276	Resp:	4780
Ion Ratio	Lower	Upper	
276	100		
277	27.0	21.4	32.0
138	21.1	16.6	24.8

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:03 PM

