

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011027.D
 Acq On : 23 Jun 2020 07:39
 Operator : CG/JU
 Sample : L3020-22MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-23MSD

Manual Integrations
 APPROVED

Sohil
 6/23/2020 2:12:26 PM

Quant Time: Jun 23 08:25:19 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 22 12:02:11 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2908	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	10709	0.40	ng	-0.01
13) Acenaphthene-d10	14.15	164	5918	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	12360	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	11228	0.40	ng	-0.01
34) Perylene-d12	23.25	264	12336	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.18	112	1371	0.24	ng	0.00
5) Phenol-d6	6.73	99	1106	0.17	ng	0.00
8) Nitrobenzene-d5	8.66	82	3442	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	11.87	152	5745	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	1322	0.62	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	11476	0.49	ng	-0.01
25) Fluoranthene-d10	18.94	212	13136	0.39	ng	0.00
29) Terphenyl-d14	19.55	244	16005	0.61	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	2280	0.800	ng	# 95
3) n-Nitrosodimethylamine	3.51	42	368	0.222	ng	# 88
6) bis(2-Chloroethyl)ether	6.97	93	2656	0.412	ng	98
9) Naphthalene	10.32	128	9223	0.343	ng	100
10) Hexachlorobutadiene	10.62	225	1741	0.262	ng	# 99
12) 2-Methylnaphthalene	11.94	142	6169	0.343	ng	98
16) Acenaphthylene	13.86	152	8634	0.356	ng	97
17) Acenaphthene	14.21	154	5742	0.347	ng	97
18) Fluorene	15.21	166	8322	0.390	ng	97
20) 4-Bromophenyl-phenylether	16.10	248	2817	0.379	ng	94
21) Hexachlorobenzene	16.21	284	2681	0.346	ng	96
22) Pentachlorophenol	16.56	266	3011	1.158	ng	92
23) Phenanthrene	16.94	178	13915	0.412	ng	99
24) Anthracene	17.03	178	11786	0.418	ng	98
26) Fluoranthene	18.97	202	15725	0.410	ng	# 97
28) Pyrene	19.34	202	15946	0.429	ng	99
30) Benzo(a)anthracene	21.10	228	14477	0.439	ng	99
31) Chrysene	21.14	228	14442	0.375	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	8913	0.810	ng	97
33) Indeno(1,2,3-cd)pyrene	25.36	276	20598	0.479	ng	# 95
35) Benzo(b)fluoranthene	22.62	252	14554	0.347	ng	# 98
36) Benzo(k)fluoranthene	22.66	252	15457m	0.346	ng	
37) Benzo(a)pyrene	23.16	252	13039	0.362	ng	97
38) Dibenzo(a,h)anthracene	25.36	278	16742	0.408	ng	# 96
39) Benzo(g,h,i)perylene	25.99	276	15542	0.362	ng	97

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

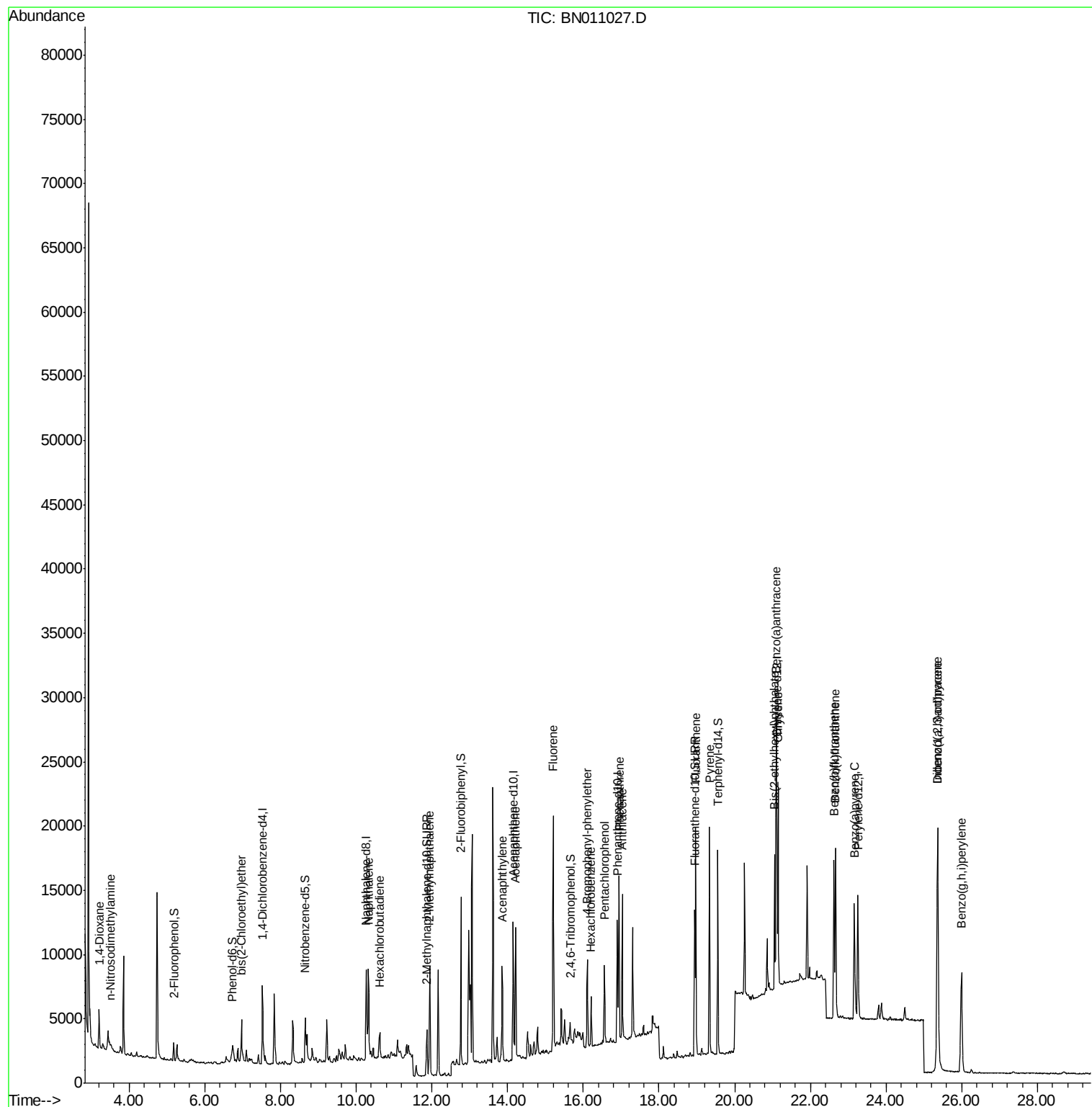
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011027.D
Acq On : 23 Jun 2020 07:39
Operator : CG/JU
Sample : L3020-22MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM

Quant Time: Jun 23 08:25:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration





#1

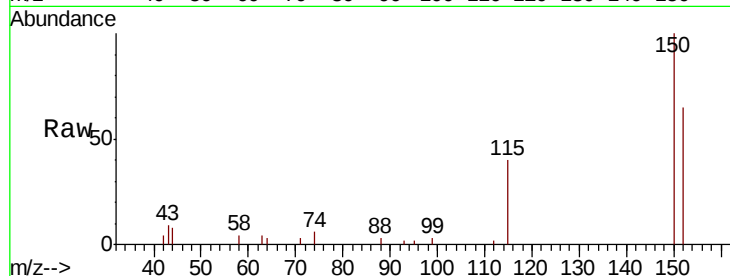
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

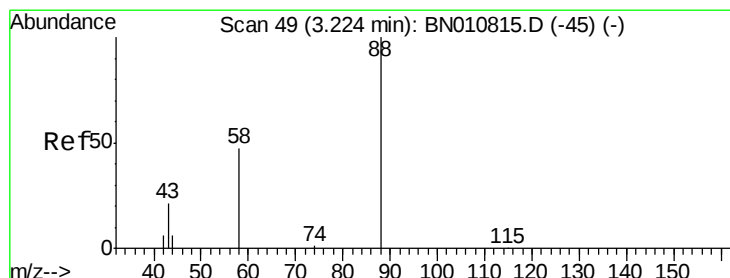
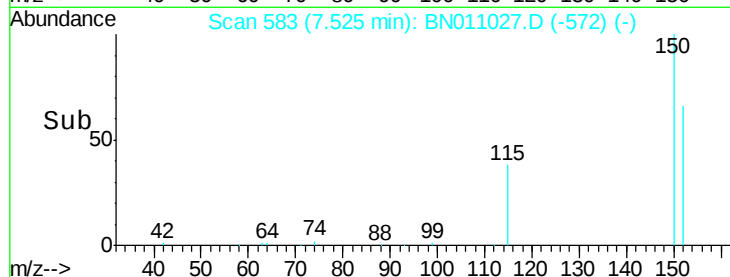
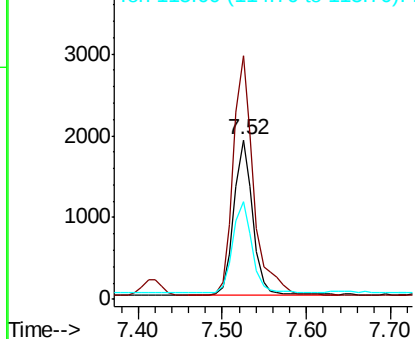
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.8	185.6
115	61.3	49.2	73.8

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM



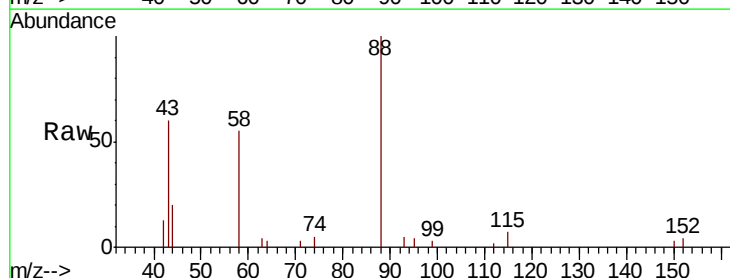
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



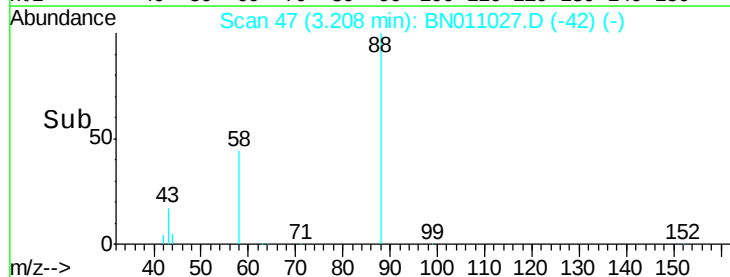
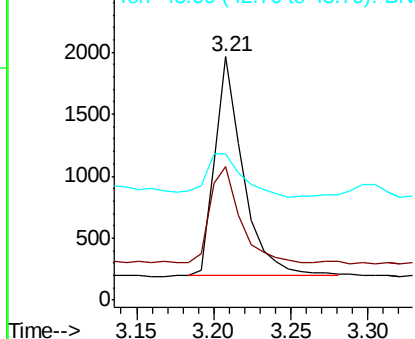
#2

1,4-Dioxane
Concen: 0.800 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	46.2	38.2	57.4
43	24.6	15.1	22.7



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.222 ng

RT: 3.51 min Scan# 85

Delta R.T. -0.04 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Instrument :

BNA_N

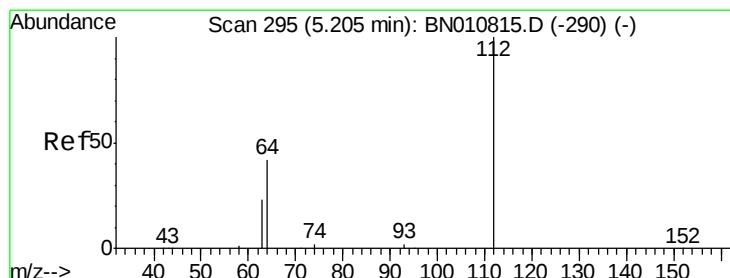
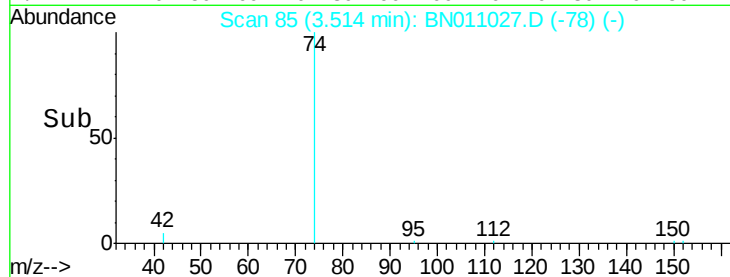
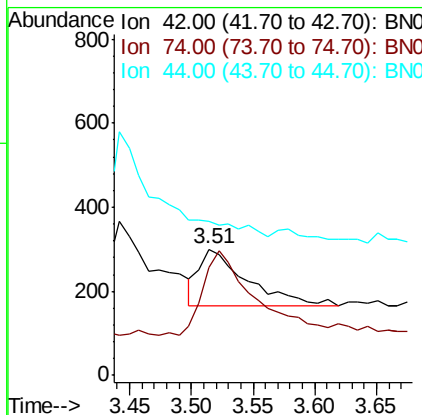
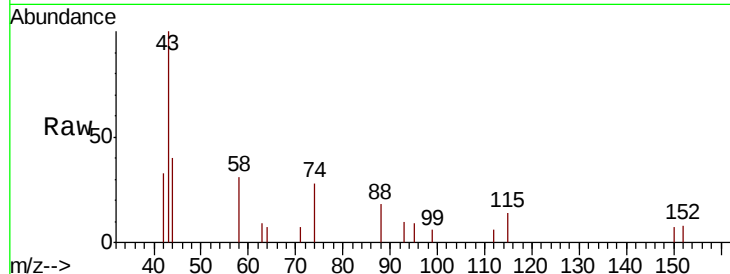
ClientSampleId :

MW-23MSD

Tot Ion:	42	Resp:	368
Ion	Ratio	Lower	Upper
42	100		
74	159.2	140.7	211.1
44	0.0	1.4	2.2#

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM



#4

2-Fluorophenol

Concen: 0.244 ng

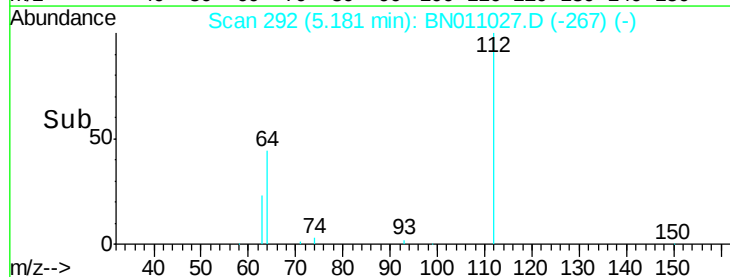
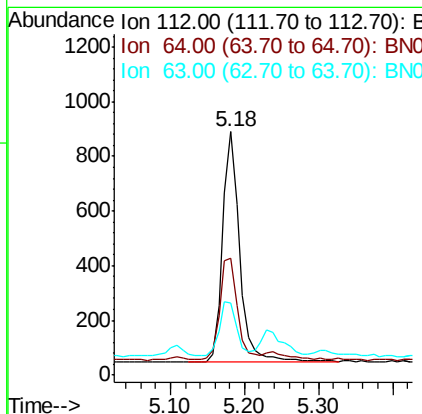
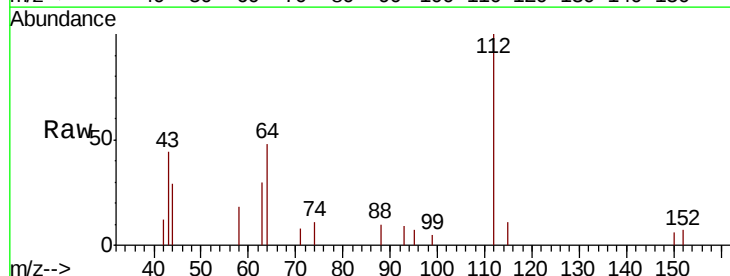
RT: 5.18 min Scan# 292

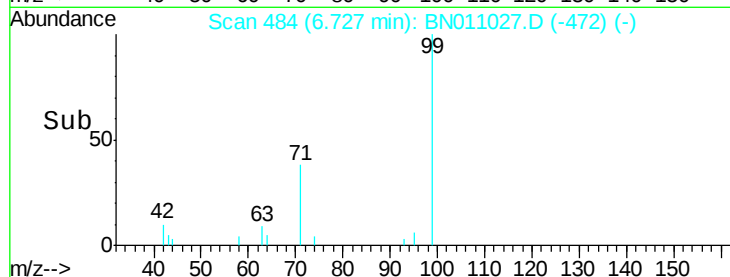
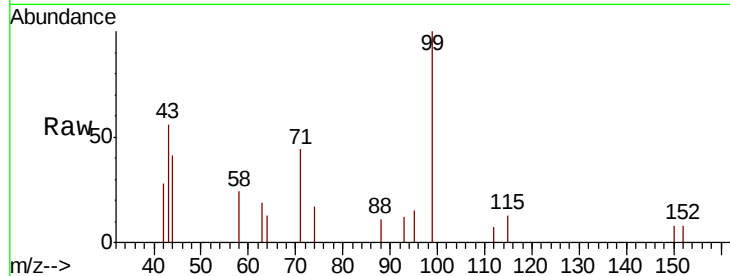
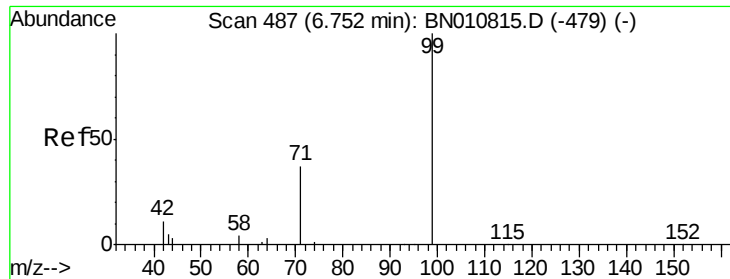
Delta R.T. -0.00 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Tgt Ion:	112	Resp:	1371
Ion	Ratio	Lower	Upper
112	100		
64	44.5	37.4	56.0
63	23.0	22.2	33.4





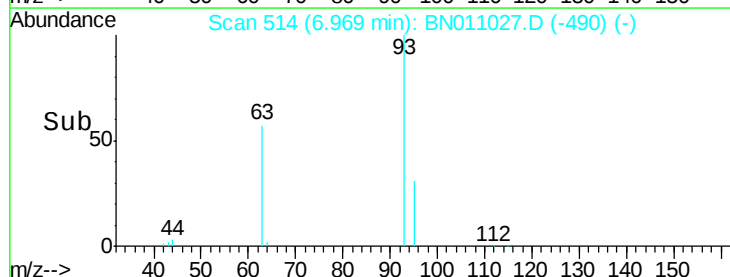
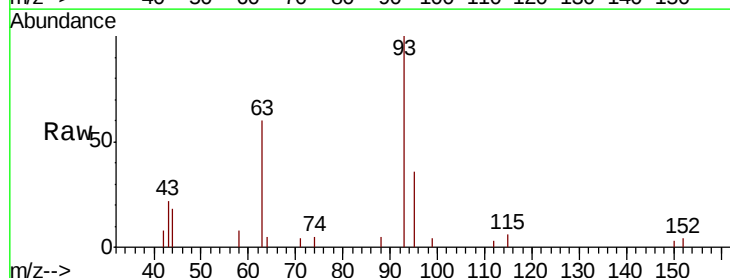
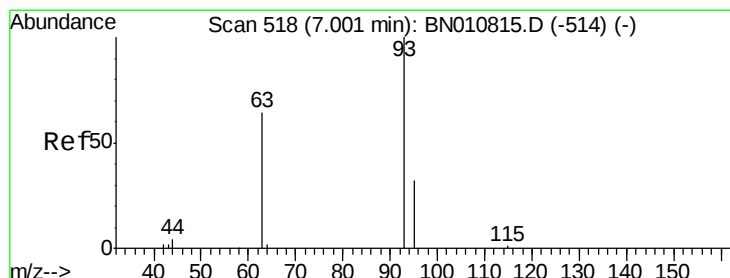
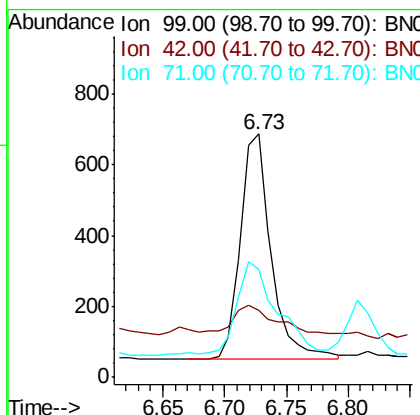
#5
Phenol-d6
Concen: 0.167 ng
RT: 6.73 min Scan# 484
Delta R.T. -0.00 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Tot Ion	Ratio	Lower	Upper
99	100		
42	25.6	11.1	16.7#
71	54.7	31.4	47.2#

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

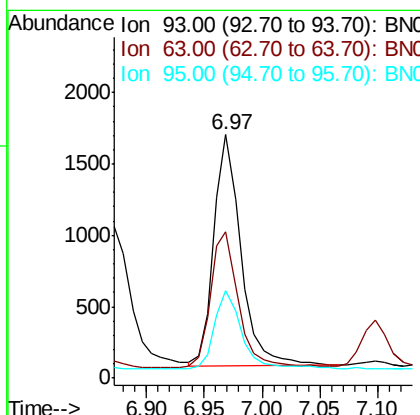
Manual Integrations
APPROVED

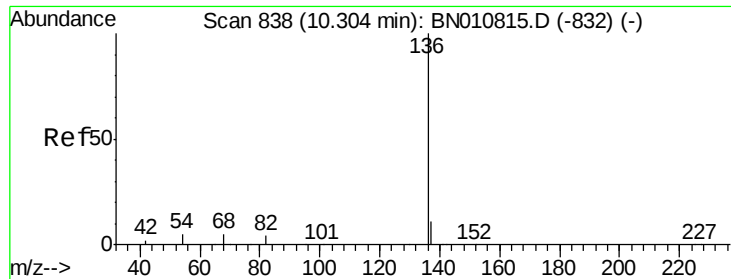
Sohil
6/23/2020 2:12:26 PM



#6
bis(2-Chloroethyl)ether
Concen: 0.412 ng
RT: 6.97 min Scan# 514
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Tgt Ion	Ratio	Lower	Upper
93	100		
63	60.0	49.4	74.2
95	34.3	26.7	40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Instrument :

BNA_N

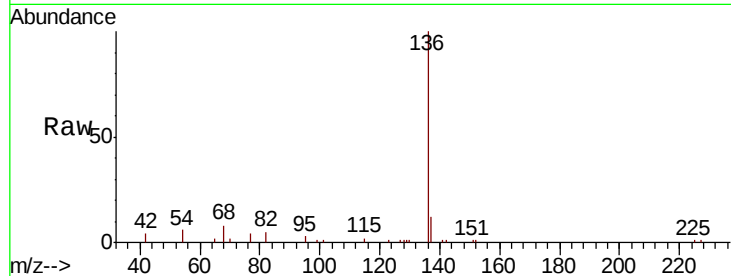
ClientSampleId :

MW-23MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	6.2	4.9	7.3
68	7.5	4.7	7.1

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM



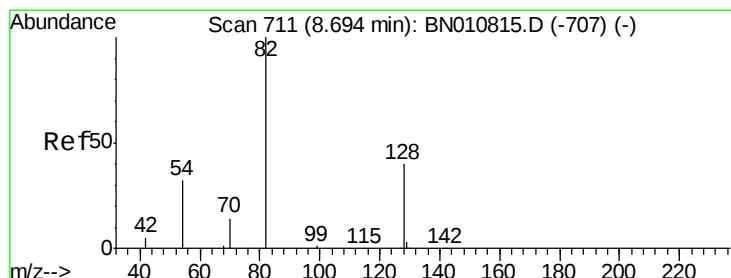
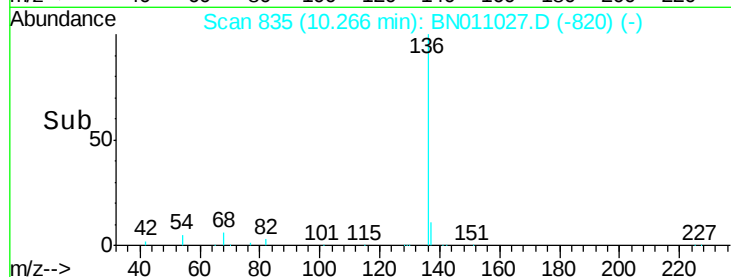
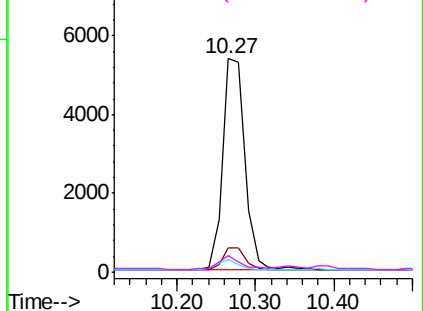
Abundance

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: 0.434 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

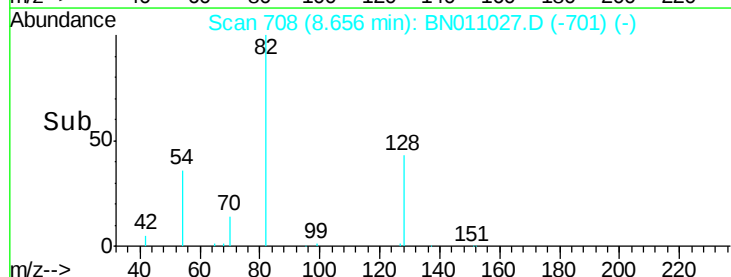
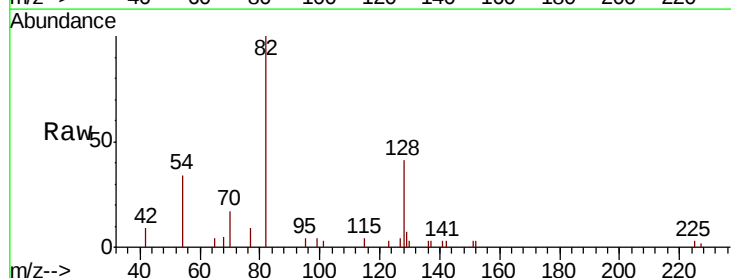
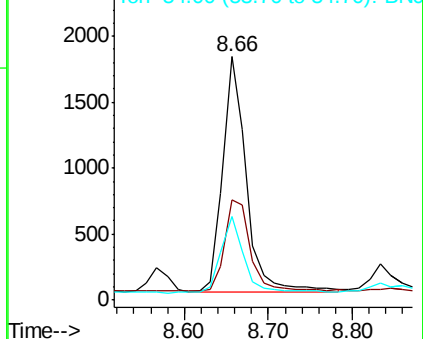
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.4	53.0
54	34.5	28.2	42.4

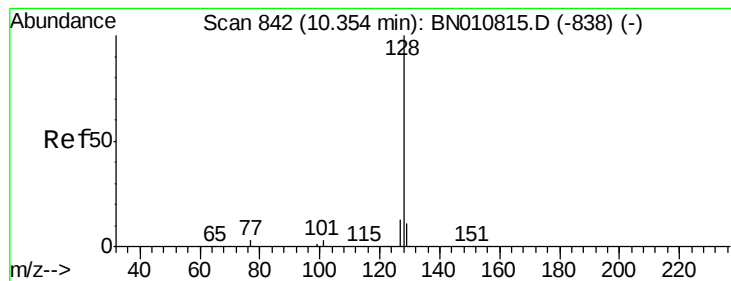
Abundance

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: 0.343 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Instrument :

BNA_N

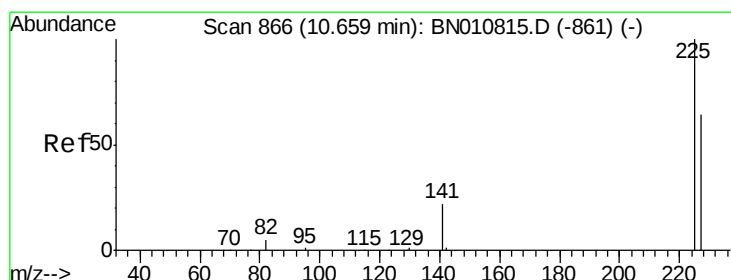
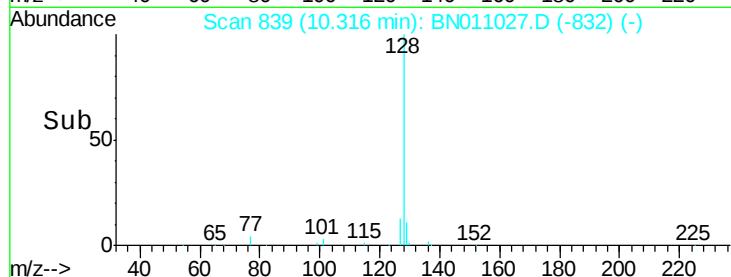
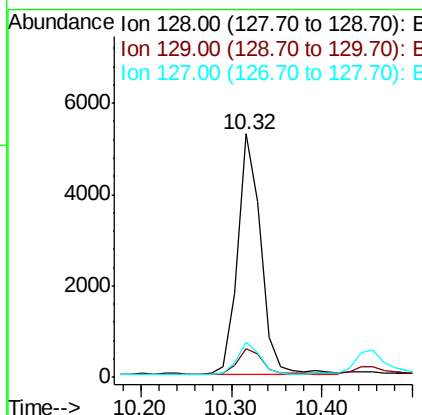
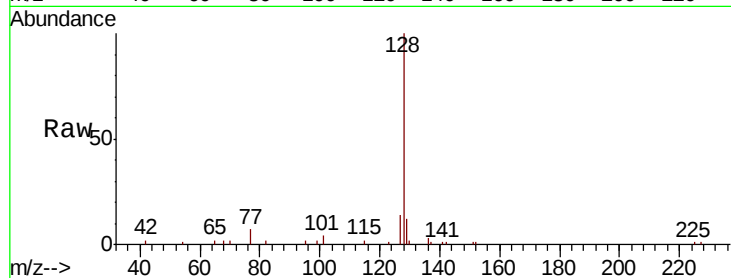
ClientSampleId :

MW-23MSD

Tot Ion:	128	Resp:	9223
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	14.1	11.4	17.2

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM



#10

Hexachlorobutadiene

Concen: 0.262 ng

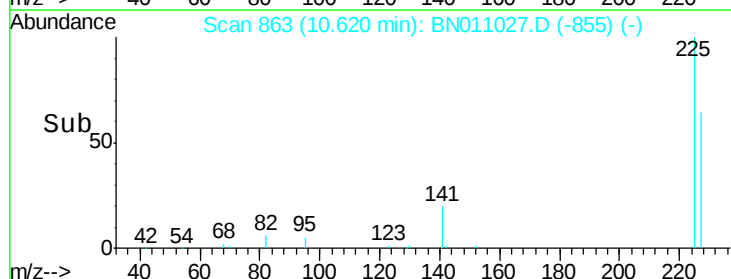
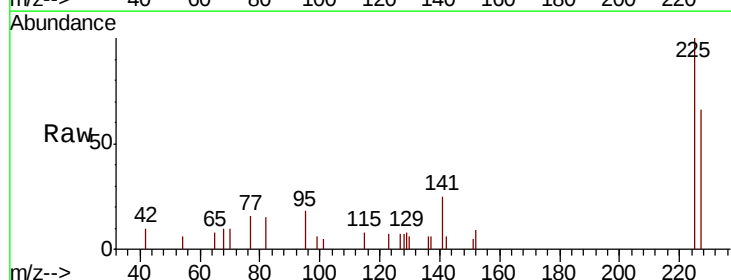
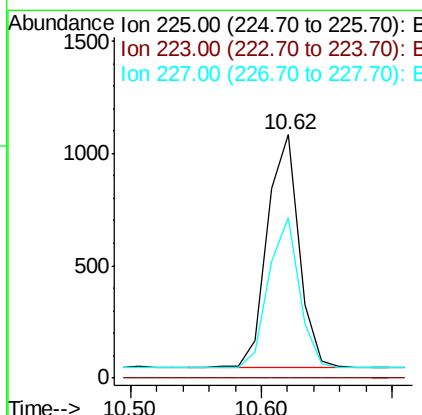
RT: 10.62 min Scan# 863

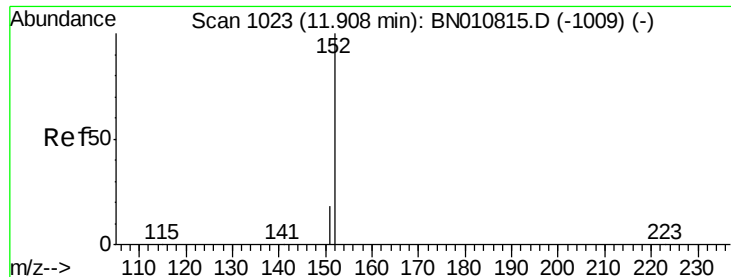
Delta R.T. -0.00 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Tgt Ion:	225	Resp:	1741
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.3	50.5	75.7





#11

2-Methylnaphthalene-d10

Concen: 0.346 ng

RT: 11.87 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

Tot Ion:152 Resp: 5745

Ion Ratio Lower Upper

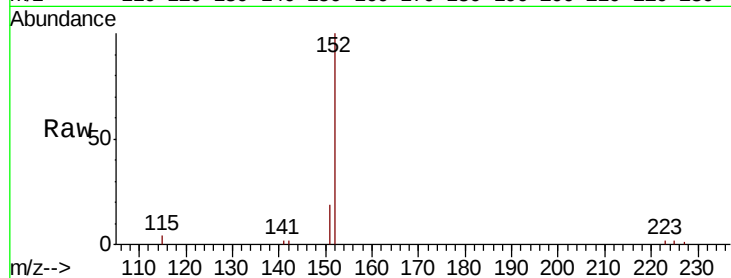
152 100

151 17.2 15.3 22.9

Manual Integrations
APPROVED

Sohil

6/23/2020 2:12:26 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.87

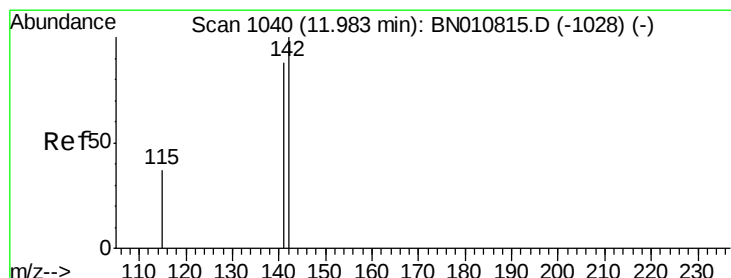
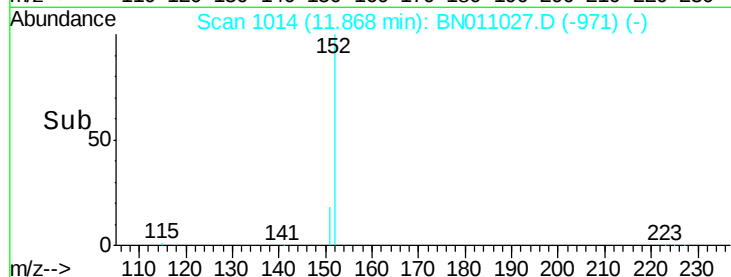
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.343 ng

RT: 11.94 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

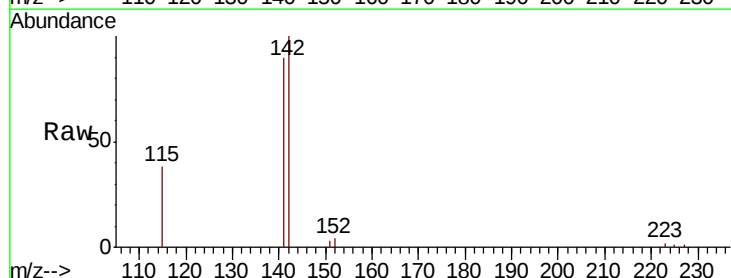
Tgt Ion:142 Resp: 6169

Ion Ratio Lower Upper

142 100

141 89.7 70.8 106.2

115 37.9 31.5 47.3



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

11.94

5000

4000

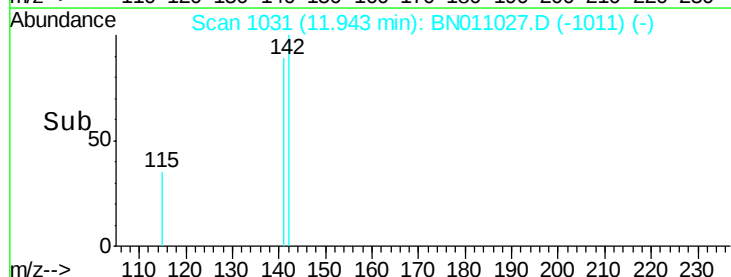
3000

2000

1000

0

Time-->





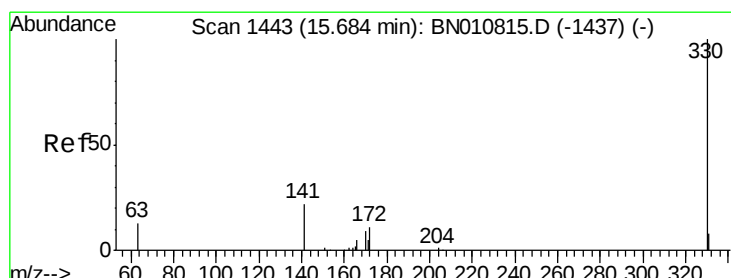
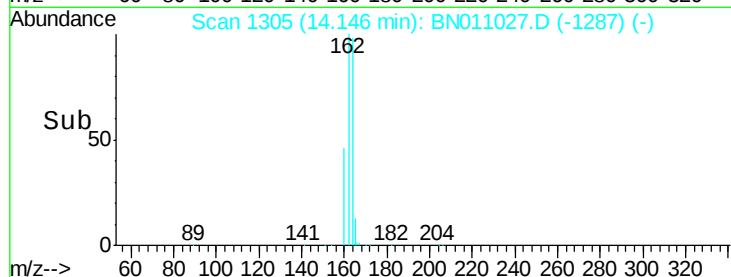
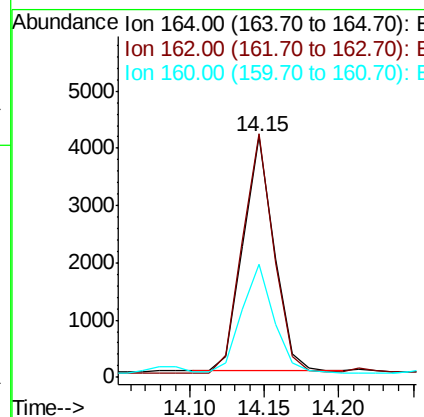
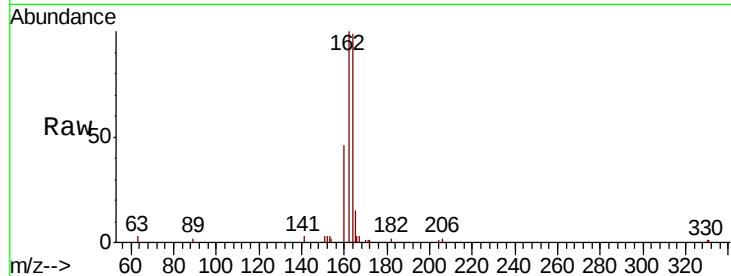
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Instrument :
BNA_N
ClientSampled :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.0	121.6
160	47.0	38.9	58.3

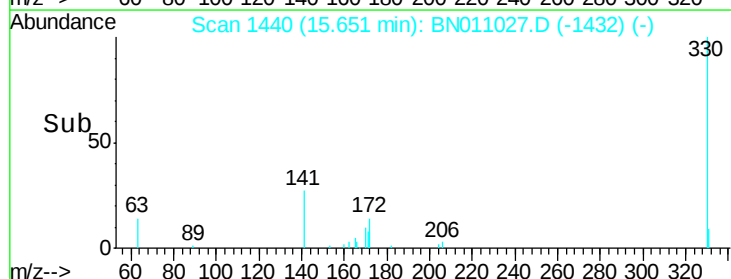
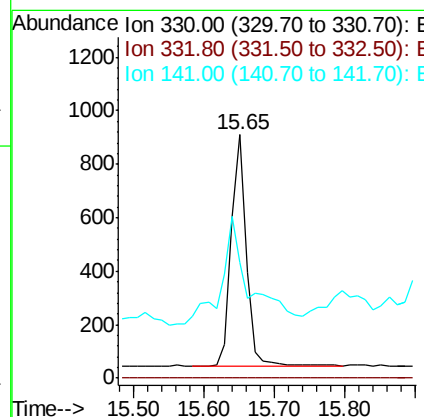
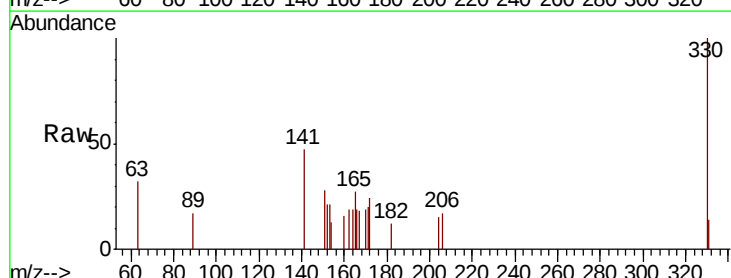
Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM



#14
2,4,6-Tribromophenol
Concen: 0.625 ng
RT: 15.65 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	63.8	33.2	49.8#





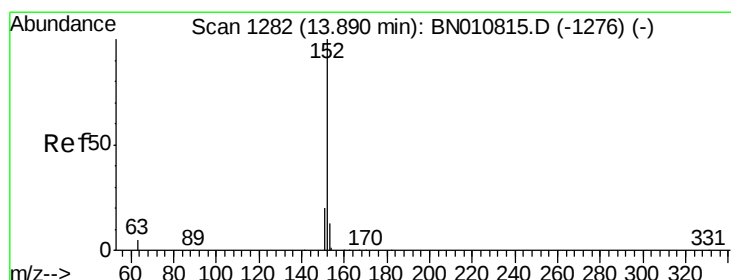
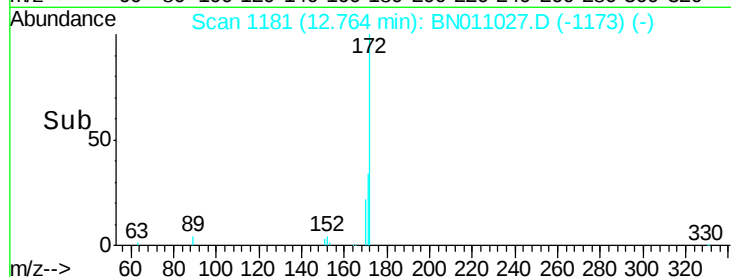
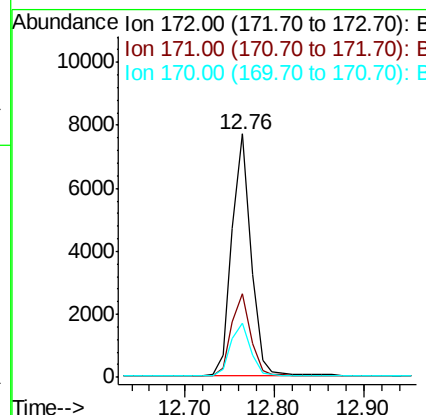
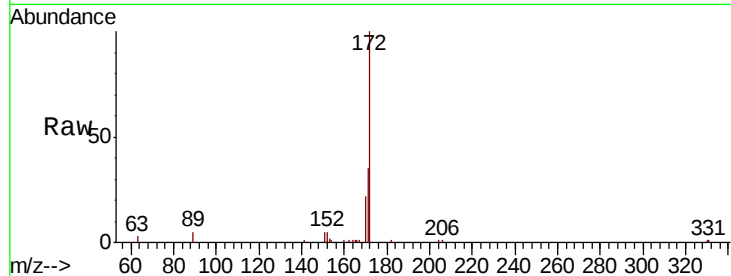
#15
2-Fluorobiphenyl
Concen: 0.491 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.2	19.7	29.5

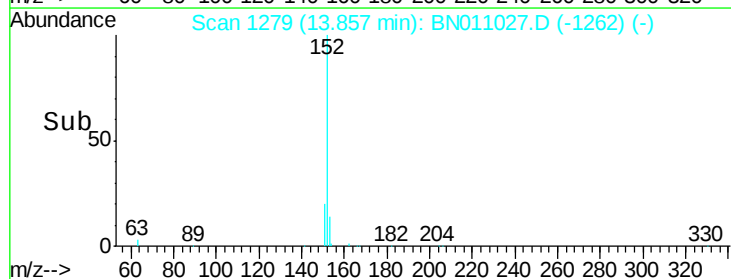
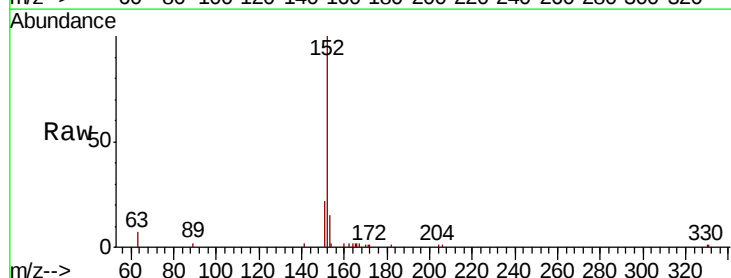
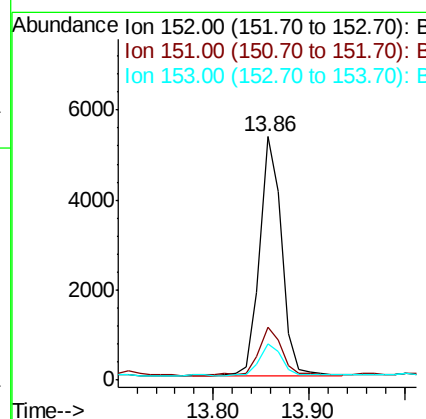
Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM



#16
Acenaphthylene
Concen: 0.356 ng
RT: 13.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.6	23.4
153	14.2	10.6	16.0





#17

Acenaphthene

Concen: 0.347 ng

RT: 14.21 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Instrument :

BNA_N

ClientSampled :

MW-23MSD

Tot Ion:154 Resp: 5742

Ion Ratio Lower Upper

154 100

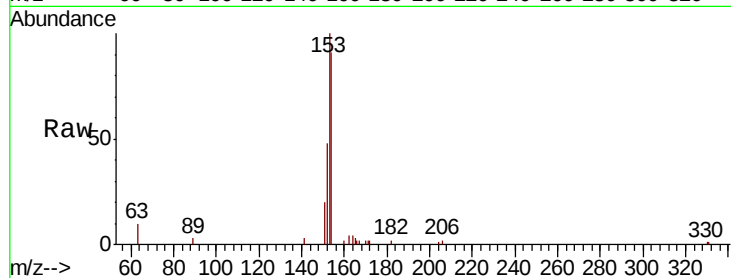
153 115.4 91.8 137.6

152 54.3 47.6 71.4

Manual Integrations
APPROVED

Sohil

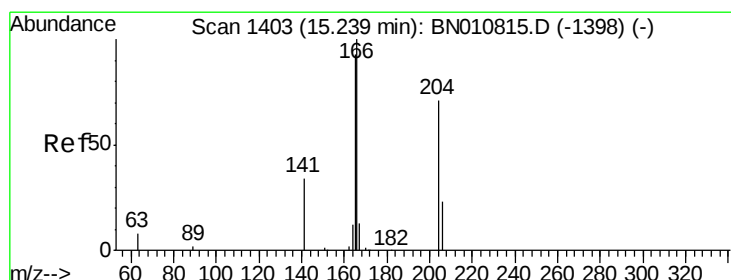
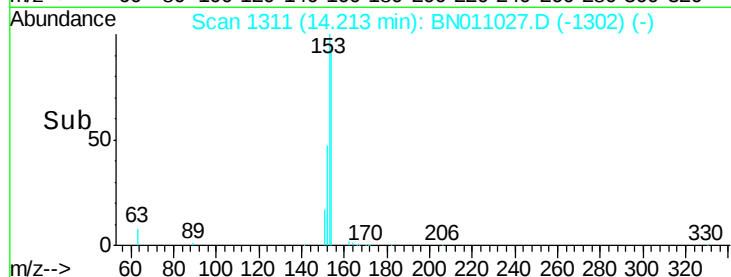
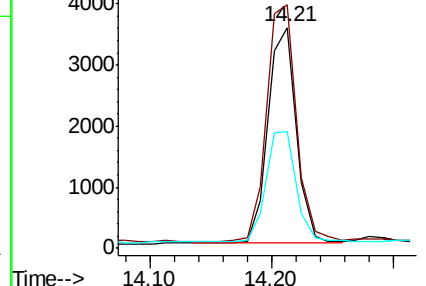
6/23/2020 2:12:26 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.390 ng

RT: 15.21 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

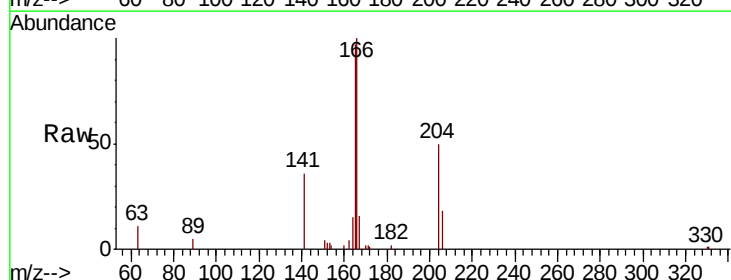
Tgt Ion:166 Resp: 8322

Ion Ratio Lower Upper

166 100

165 99.0 77.2 115.8

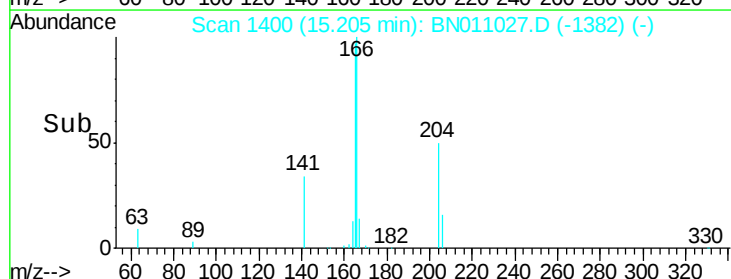
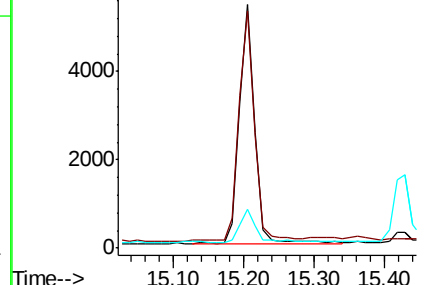
167 14.6 10.7 16.1

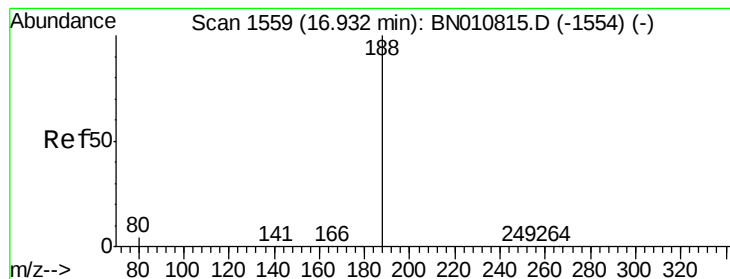


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Instrument :

BNA_N

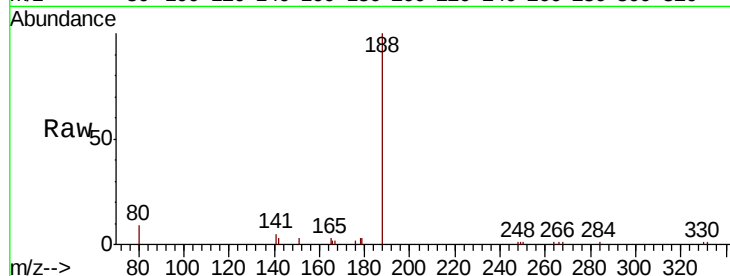
ClientSampleId :

MW-23MSD

Tot Ion:	188	Resp:	12360
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.0	4.5	6.7#

Manual Integrations
APPROVED

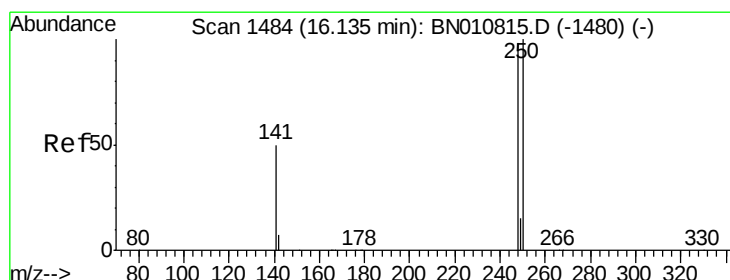
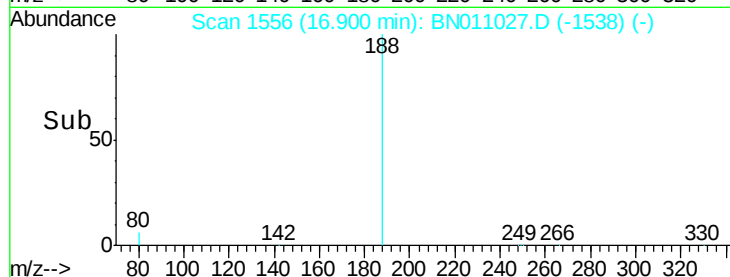
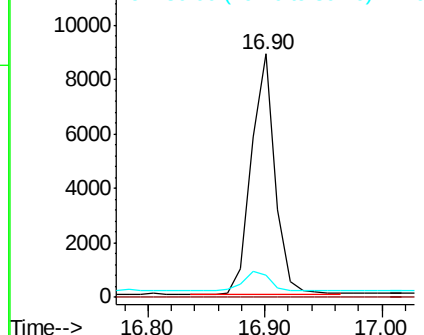
Sohil
6/23/2020 2:12:26 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.379 ng

RT: 16.10 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BN011027.D

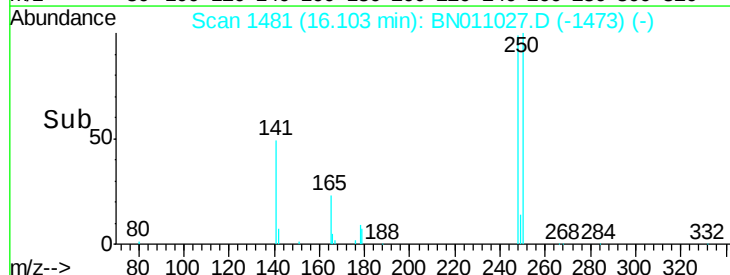
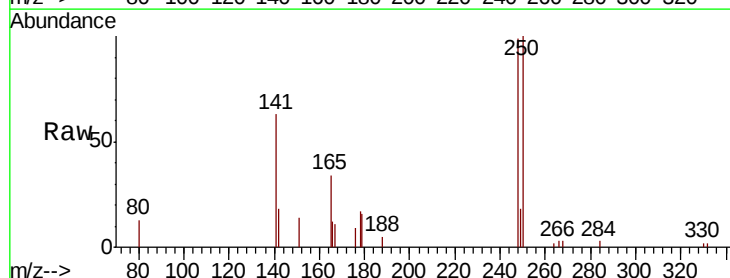
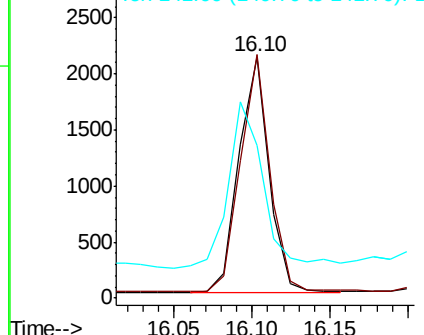
Acq: 23 Jun 2020 07:39

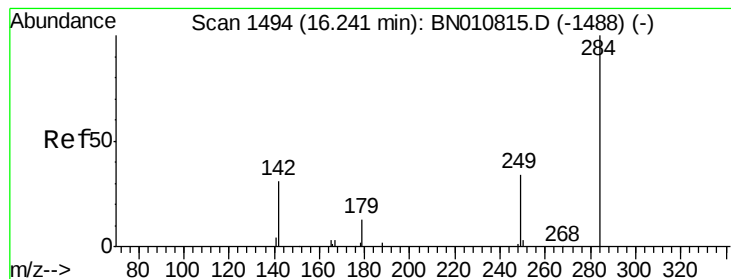
Tgt Ion:	248	Resp:	2817
Ion Ratio	Lower	Upper	
248	100		
250	100.8	81.8	122.8
141	63.0	42.6	64.0

Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.346 ng

RT: 16.21 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Instrument :

BNA_N

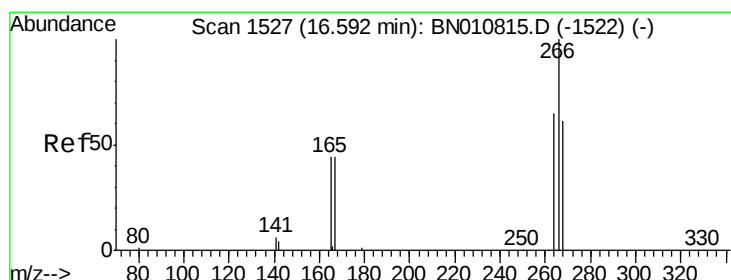
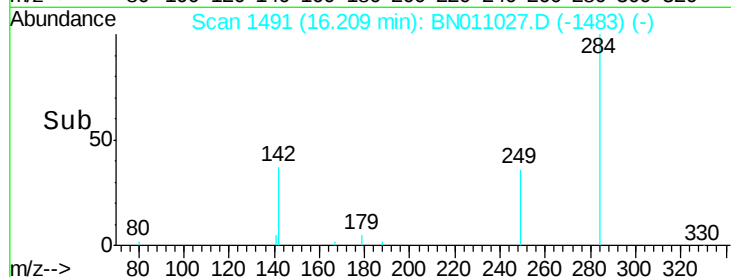
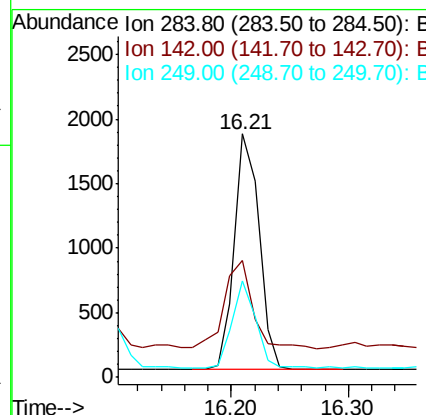
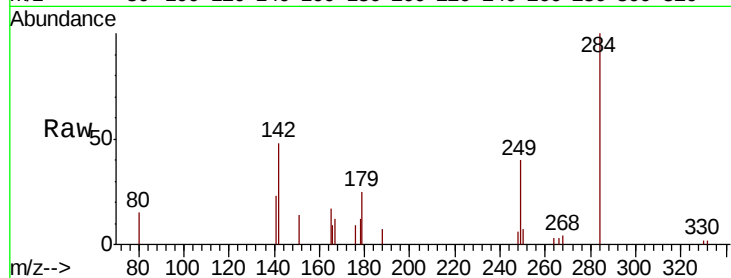
ClientSampled :

MW-23MSD

Tot Ion:	284	Resp:	2681
Ion Ratio	Lower	Upper	
284	100		
142	42.6	31.0	46.4
249	34.7	27.1	40.7

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM



#22

Pentachlorophenol

Concen: 1.158 ng

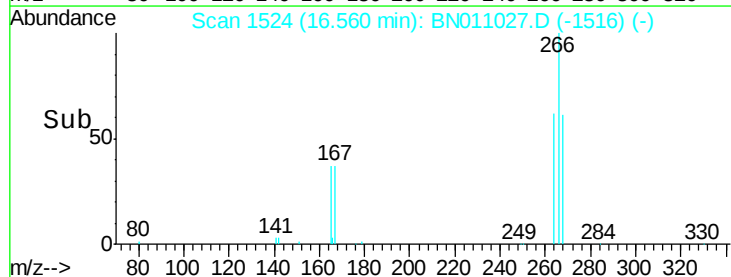
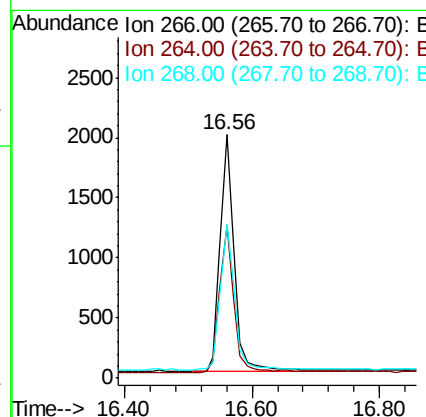
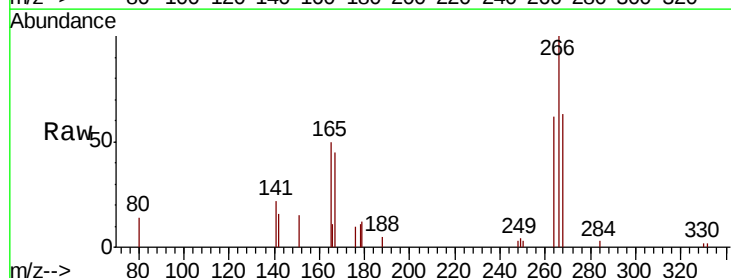
RT: 16.56 min Scan# 1524

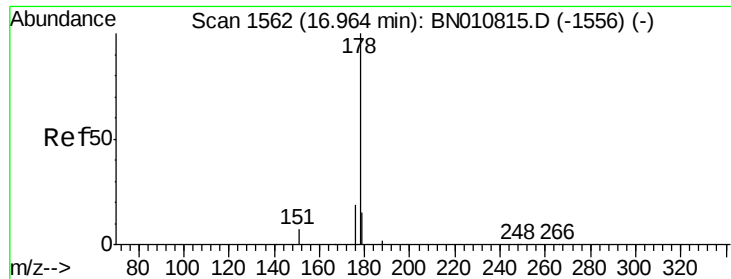
Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Tgt Ion:	266	Resp:	3011
Ion Ratio	Lower	Upper	
266	100		
264	62.5	54.8	82.2
268	63.4	55.9	83.9





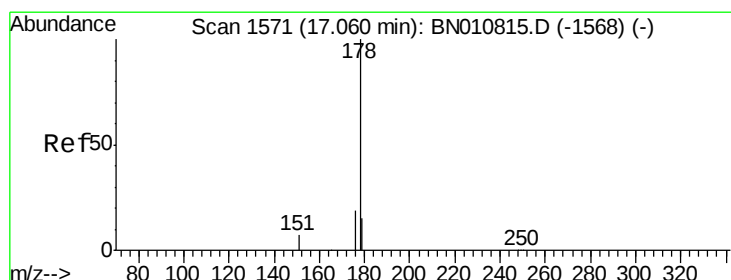
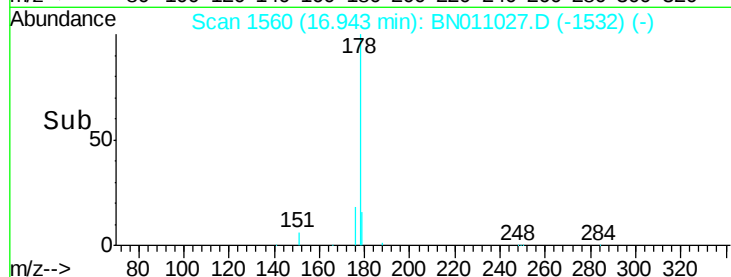
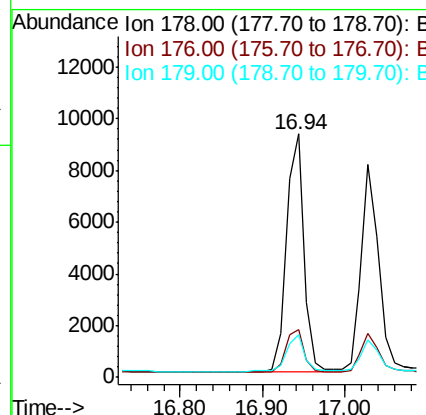
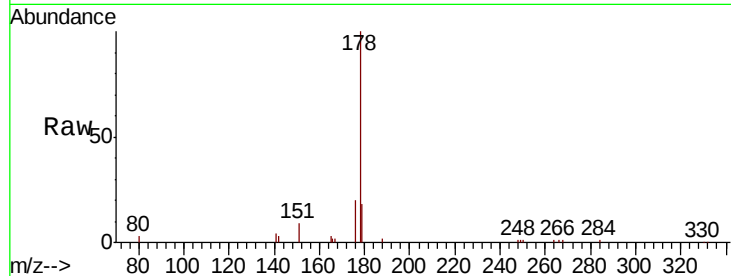
#23
Phenanthrene
Concen: 0.412 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.8	12.6	19.0

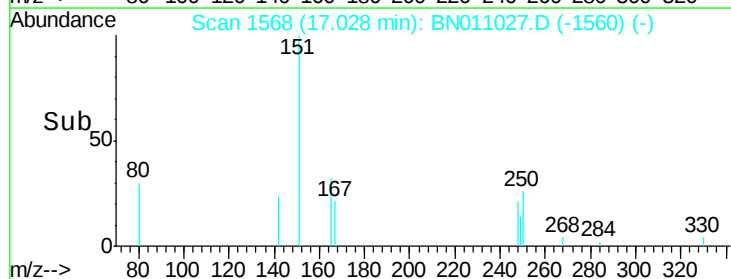
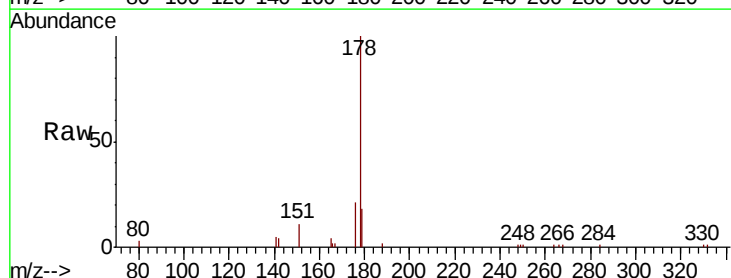
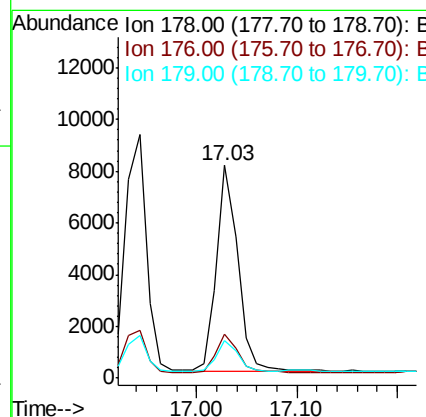
Manual Integrations
APPROVED

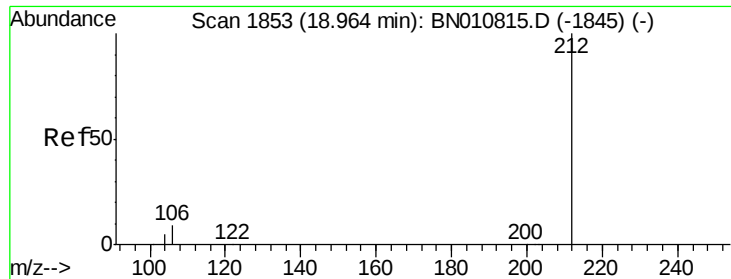
Sohil
6/23/2020 2:12:26 PM



#24
Anthracene
Concen: 0.418 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.6	22.0
179	15.4	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 18.94 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Instrument :

BNA_N

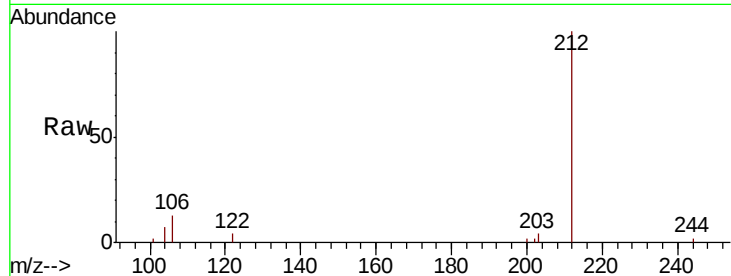
ClientSampled :

MW-23MSD

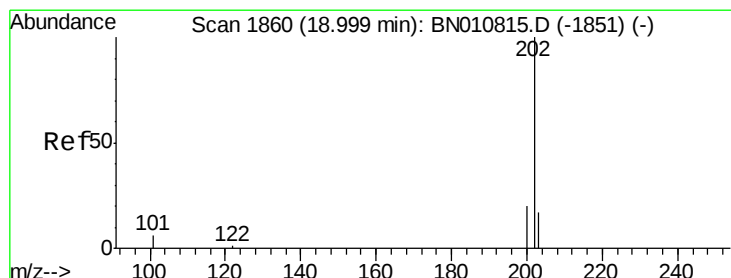
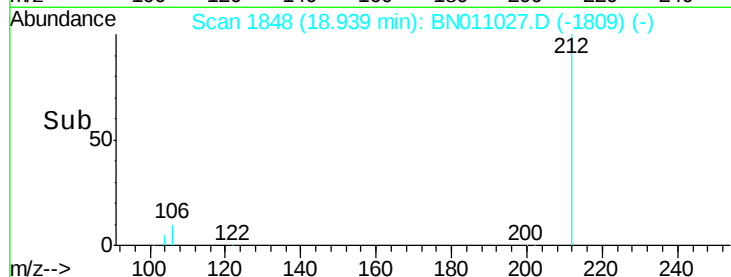
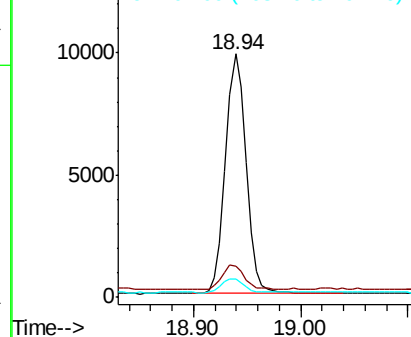
Tot Ion:	212	Resp:	13136
Ion Ratio	Lower	Upper	
212	100		
106	10.6	6.6	10.0#
104	6.1	4.0	6.0#

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 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: 0.410 ng

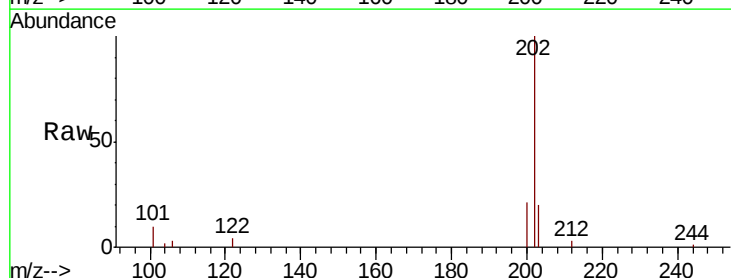
RT: 18.97 min Scan# 1854

Delta R.T. -0.01 min

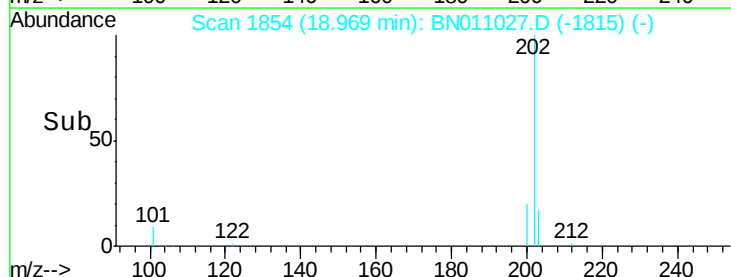
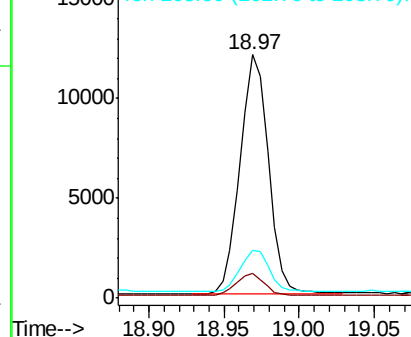
Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Tgt Ion:	202	Resp:	15725
Ion Ratio	Lower	Upper	
202	100		
101	9.3	5.8	8.6#
203	17.8	13.7	20.5



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





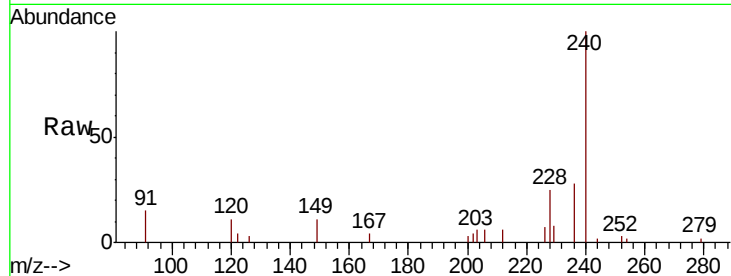
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.5	11.3
236	28.4	22.3	33.5

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM

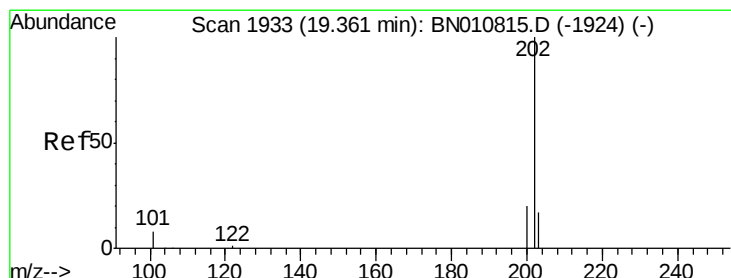
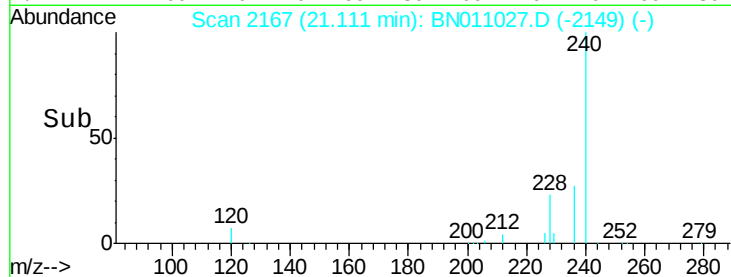
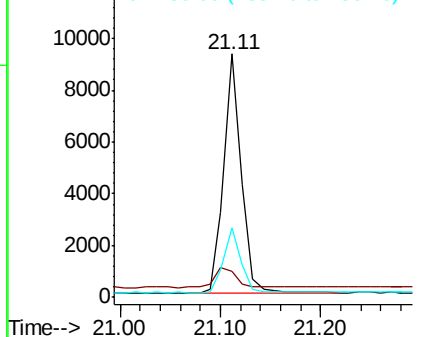


Abundance

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: 0.429 ng
RT: 19.34 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

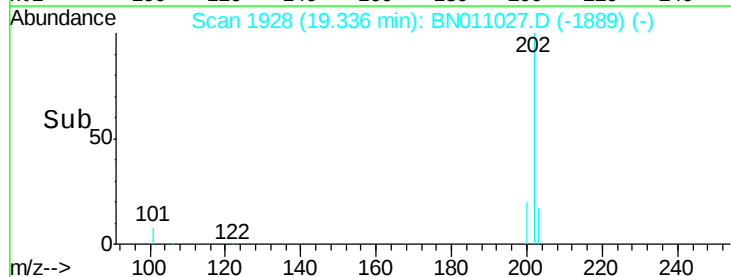
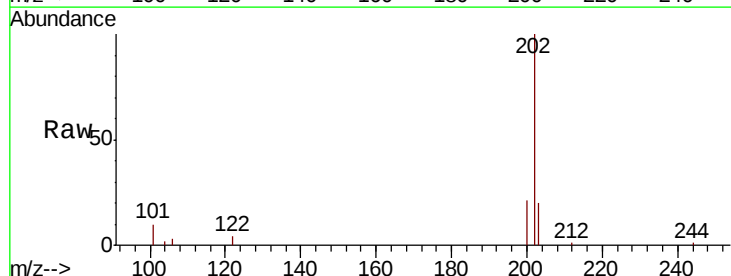
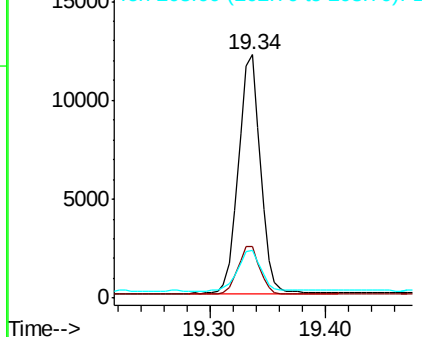
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	18.4	14.2	21.4

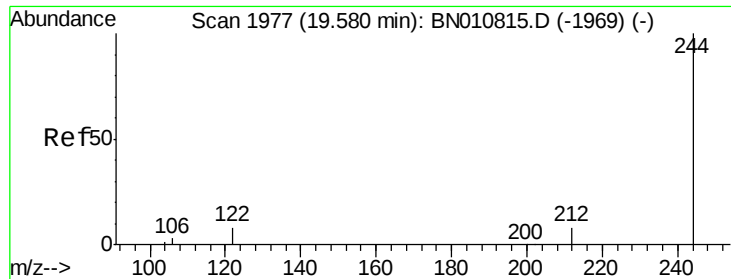
Abundance

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





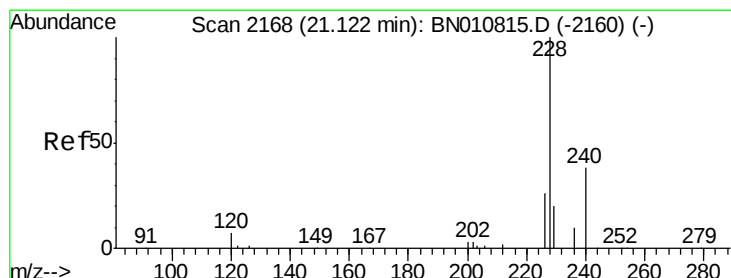
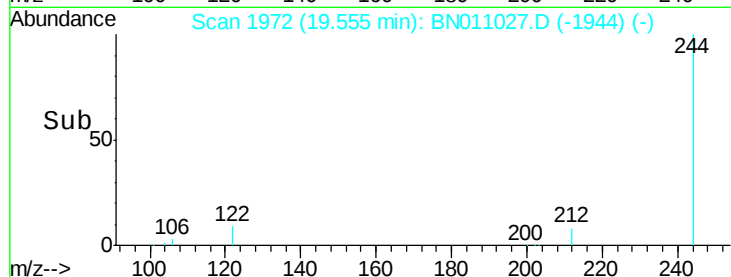
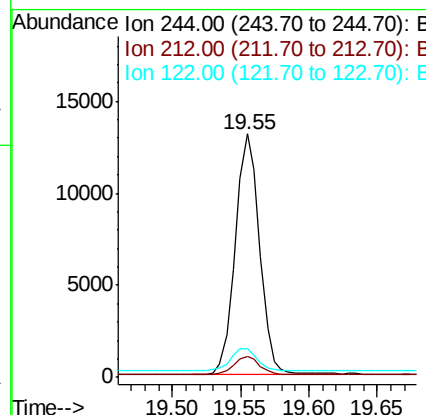
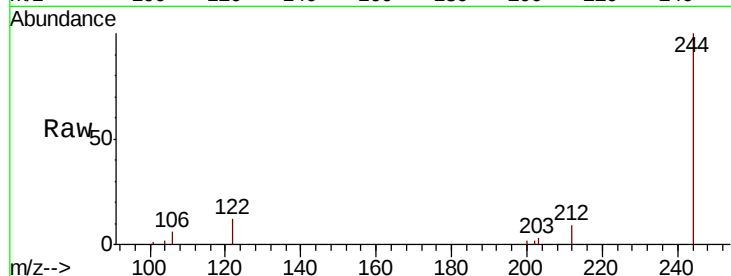
#29
 Terphenyl-d14
 Concen: 0.609 ng
 RT: 19.55 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BN011027.D
 Acq: 23 Jun 2020 07:39

Instrument :
 BNA_N
 ClientSampleId :
 MW-23MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.2
122	12.0	7.5	11.3

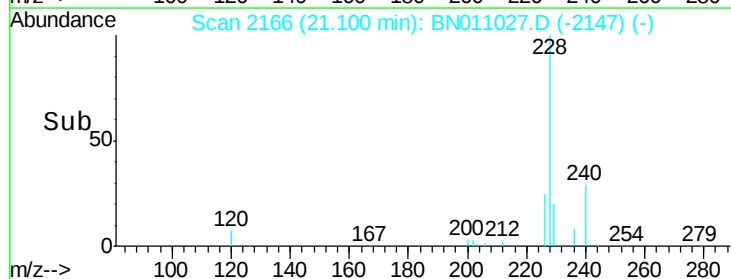
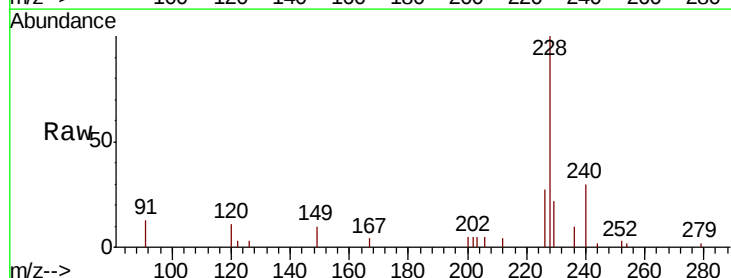
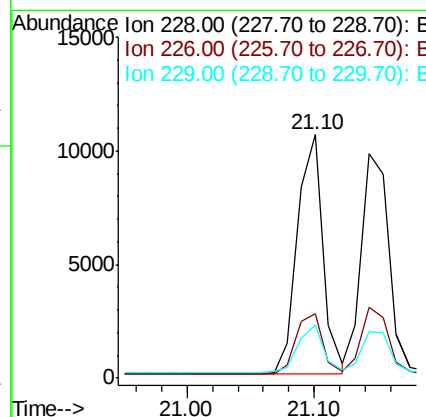
Manual Integrations
 APPROVED

Sohil
 6/23/2020 2:12:26 PM



#30
 Benzo(a)anthracene
 Concen: 0.439 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BN011027.D
 Acq: 23 Jun 2020 07:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	21.6	16.6	24.8





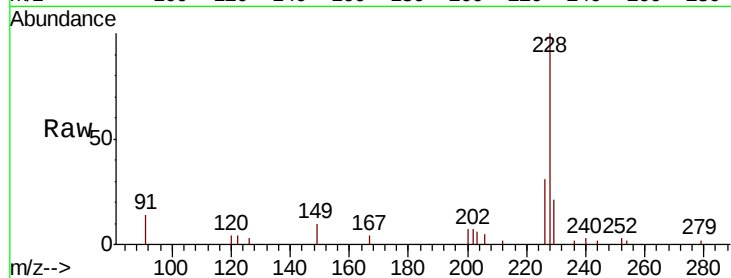
#31
 Chrvsene
 Concen: 0.375 ng
 RT: 21.14 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BN011027.D
 Acq: 23 Jun 2020 07:39

Instrument :
 BNA_N
 ClientSampled :
 MW-23MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	21.0	16.1	24.1

Manual Integrations
 APPROVED

Sohil
 6/23/2020 2:12:26 PM

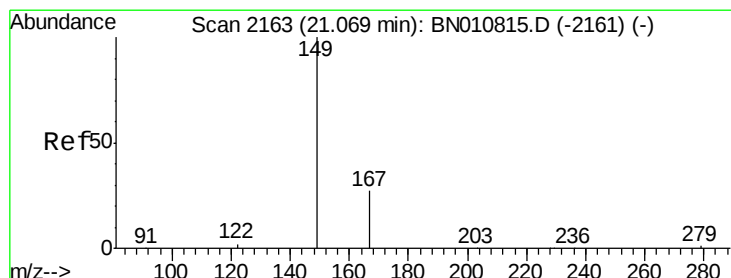
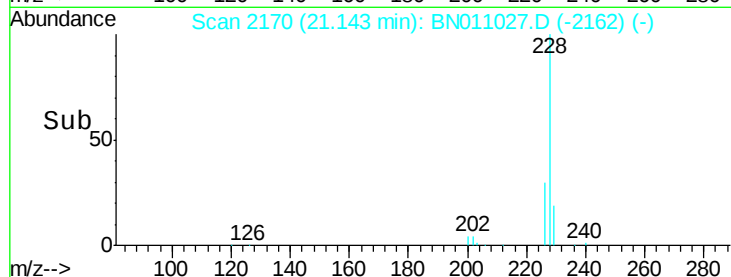
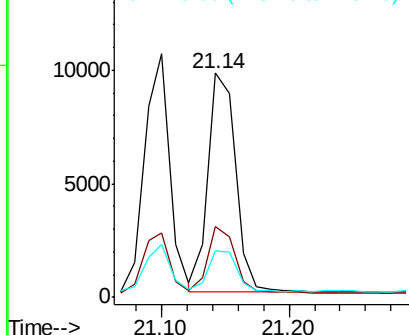


Abundance

Ion 228.00 (227.70 to 228.70): E

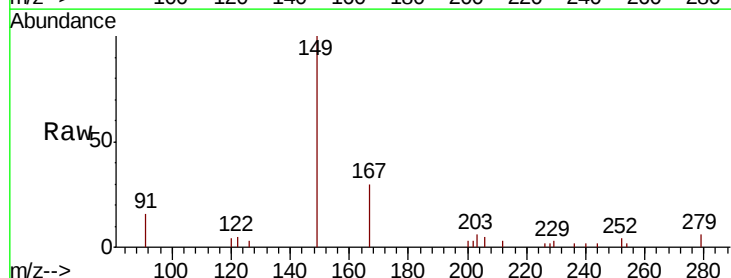
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.810 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BN011027.D
 Acq: 23 Jun 2020 07:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	24.1	36.1
279	4.9	4.6	7.0

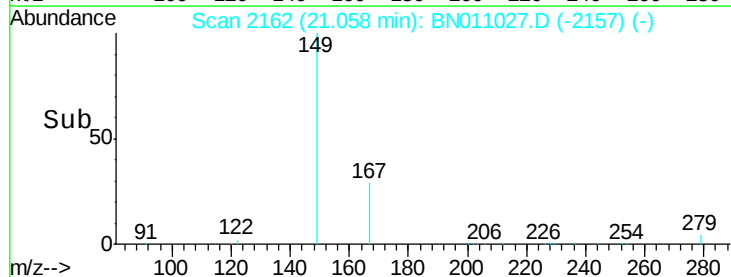
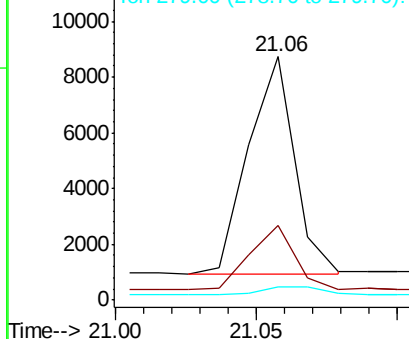


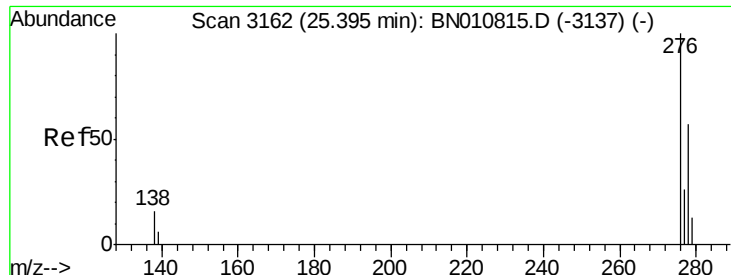
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





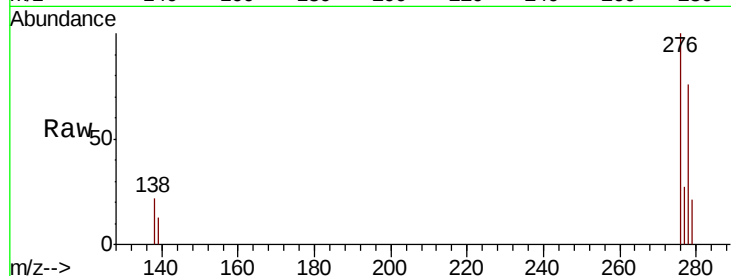
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.479 ng
 RT: 25.36 min Scan# 3151
 Delta R.T. -0.01 min
 Lab File: BN011027.D
 Acq: 23 Jun 2020 07:39

Instrument :
 BNA_N
 ClientSampleId :
 MW-23MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	13.0	19.6#
277	24.6	19.7	29.5

Manual Integrations
 APPROVED

Sohil
 6/23/2020 2:12:26 PM

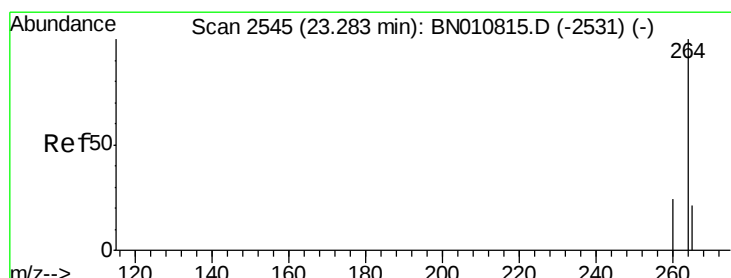
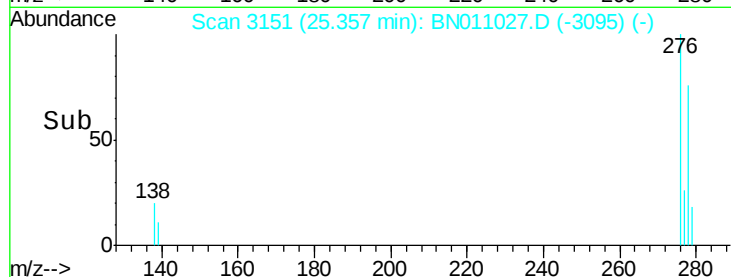
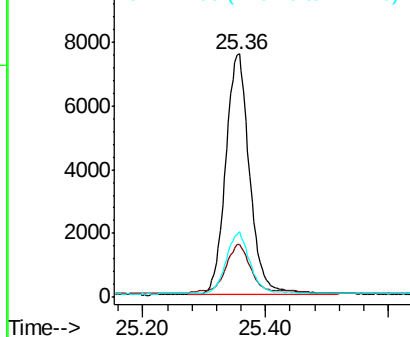


Abundance

Ion 276.00 (275.70 to 276.70): E

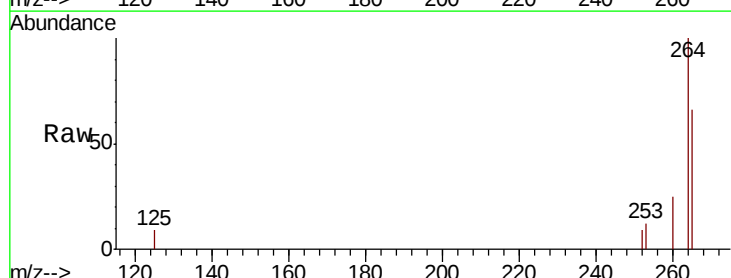
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BN011027.D
 Acq: 23 Jun 2020 07:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	65.7	75.0	112.4#

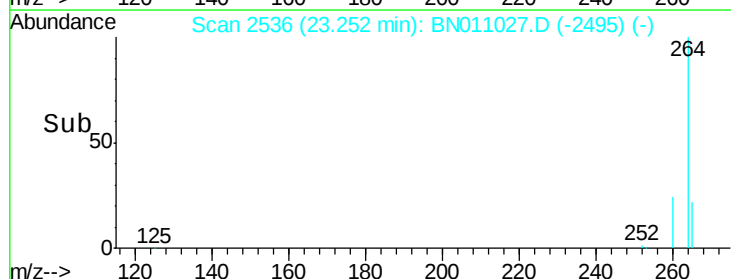
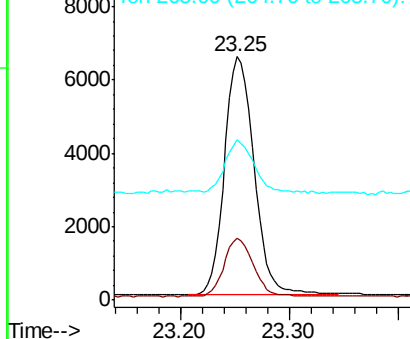


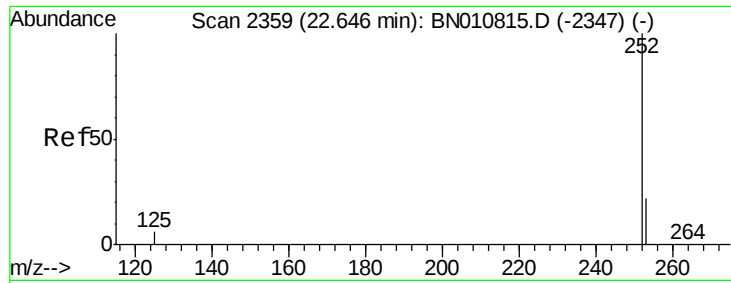
Abundance

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





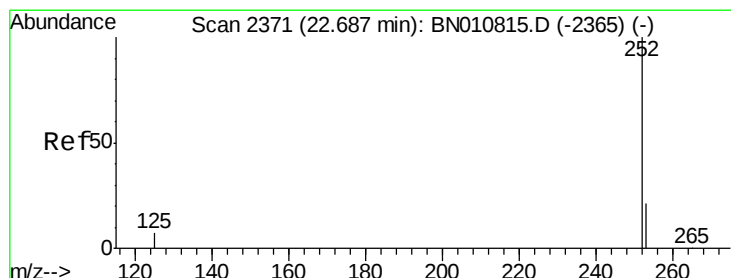
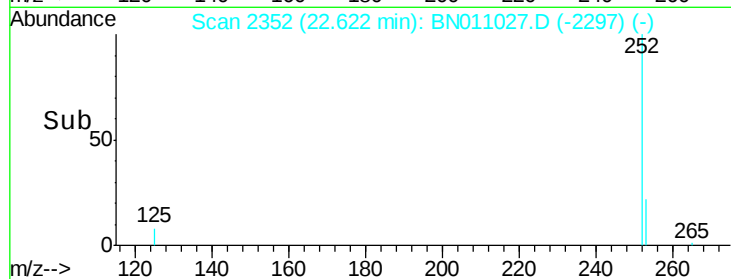
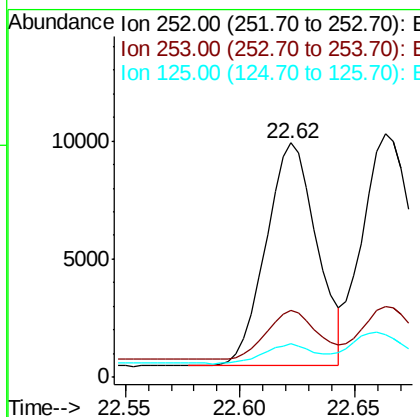
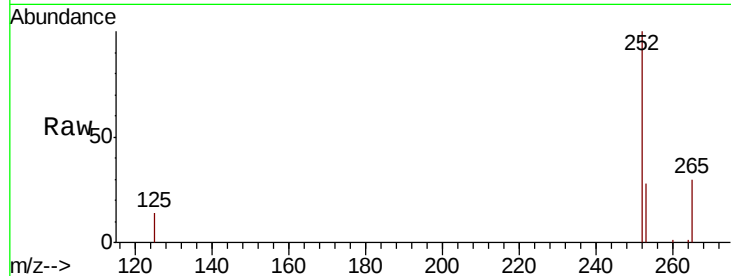
#35
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 22.62 min Scan# 2352
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Instrument :
BNA_N
ClientSampled :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.4	33.6
125	14.3	9.4	14.0

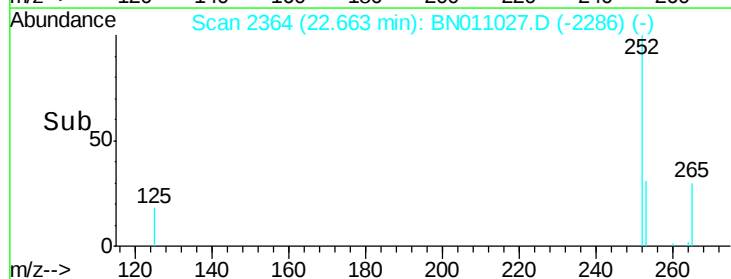
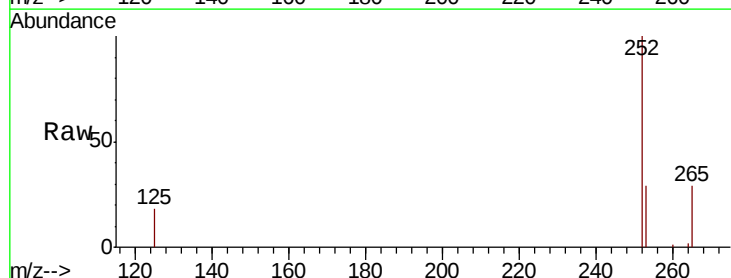
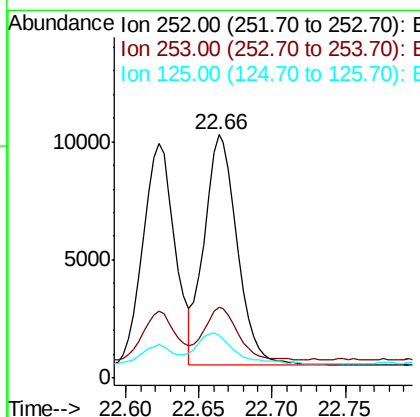
Manual Integrations
APPROVED

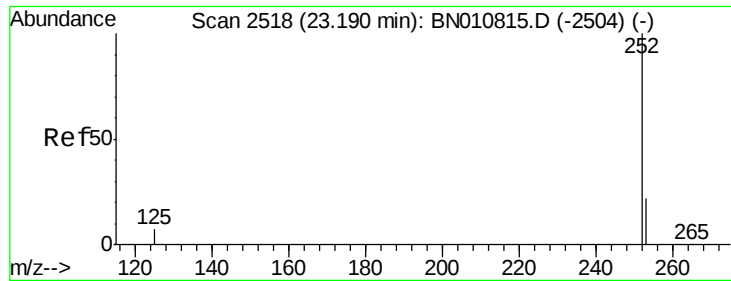
Sohil
6/23/2020 2:12:26 PM



#36
Benzo(k)fluoranthene
Concen: 0.346 ng m
RT: 22.66 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BN011027.D
Acq: 23 Jun 2020 07:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	22.2	33.4
125	17.6	9.8	14.8





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.16 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Instrument :

BNA_N

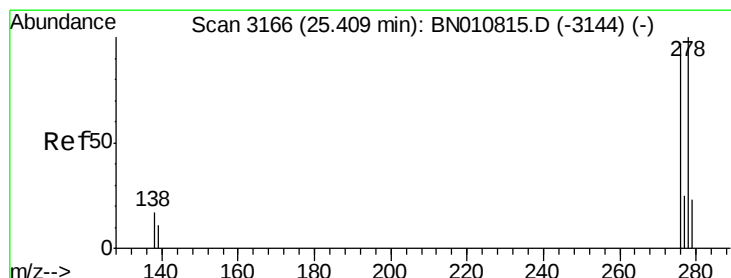
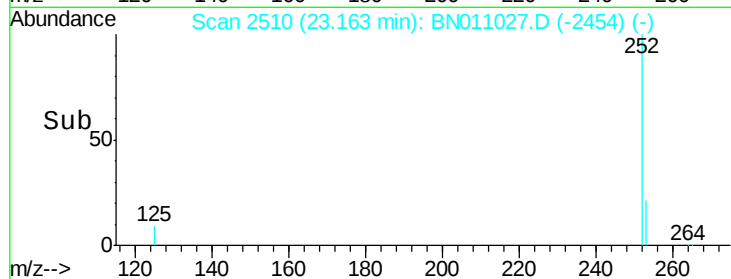
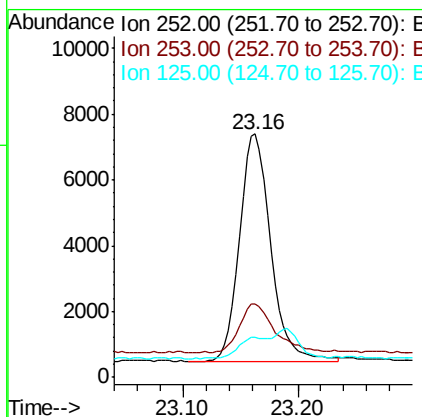
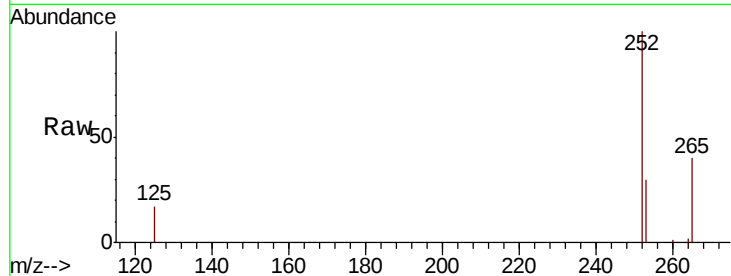
ClientSampleId :

MW-23MSD

Tot Ion:	252	Resp:	13039
Ion Ratio	Lower	Upper	
252	100		
253	30.1	25.8	38.8
125	16.5	12.4	18.6

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM



#38

Dibenzo(a,h)anthracene

Concen: 0.408 ng

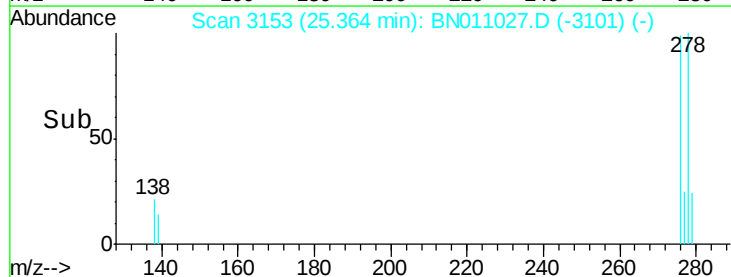
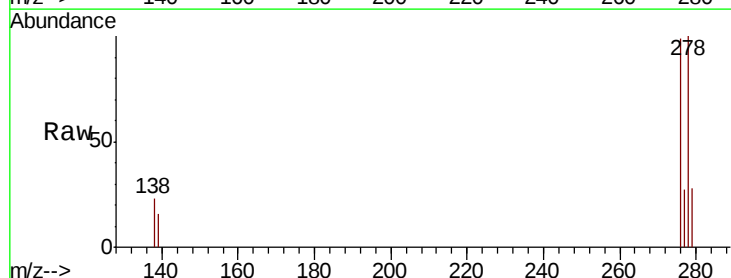
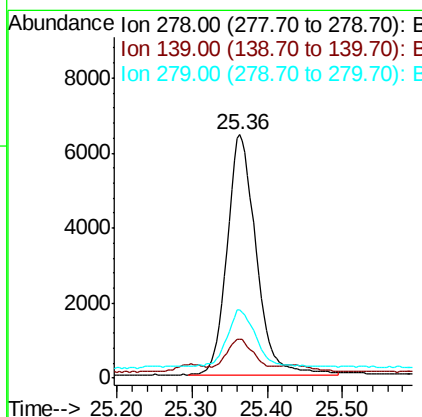
RT: 25.36 min Scan# 3153

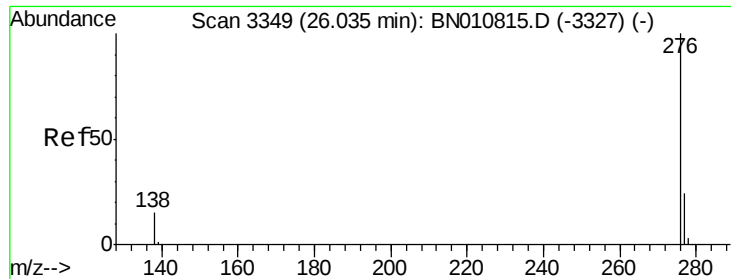
Delta R.T. -0.02 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Tgt Ion:	278	Resp:	16742
Ion Ratio	Lower	Upper	
278	100		
139	16.1	10.6	15.8#
279	28.1	23.6	35.4





#39

Benzo(a,h,i)perylene

Concen: 0.362 ng

RT: 25.99 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BN011027.D

Acq: 23 Jun 2020 07:39

Instrument :

BNA_N

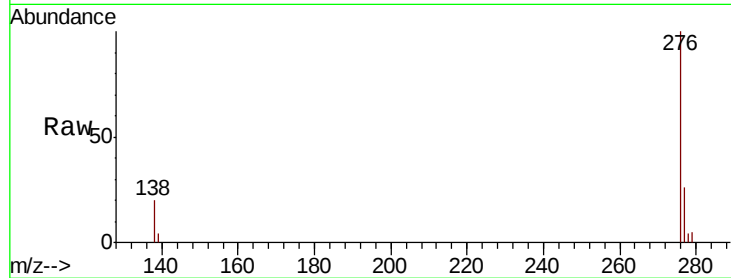
ClientSampleId :

MW-23MSD

Tot Ion:	276	Resp:	15542
Ion Ratio		Lower	Upper
276	100		
277	25.9	20.5	30.7
138	20.2	13.7	20.5

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:26 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

