

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011054.D
 Acq On : 24 Jun 2020 18:37
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Manual Integrations
 APPROVED

mohammad
 6/25/2020 1:07:09 PM

Quant Time: Jun 24 19:13:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2477	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	8491	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	4684	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	9535	0.40	ng	0.00
29) Chrysene-d12	21.11	240	9808	0.40	ng	0.00
36) Perylene-d12	23.26	264	9666	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2952	0.42	ng	0.00
5) Phenol-d6	6.74	99	3582	0.43	ng	0.02
8) Nitrobenzene-d5	8.66	82	2947	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	11.86	152	6111	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	896	0.44	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	8854	0.41	ng	0.00
27) Fluoranthene-d10	18.94	212	12659	0.42	ng	0.00
31) Terphenyl-d14	19.55	244	10654	0.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1324	0.398	ng	94
3) n-Nitrosodimethylamine	3.55	42	748	0.403	ng	# 89
6) bis(2-Chloroethyl)ether	6.97	93	2972	0.416	ng	99
9) Naphthalene	10.32	128	10025	0.389	ng	99
10) Hexachlorobutadiene	10.61	225	2459	0.396	ng	# 99
12) 2-Methylnaphthalene	11.94	142	6877	0.398	ng	98
16) Acenaphthylene	13.85	152	9732	0.412	ng	99
17) Acenaphthene	14.21	154	6428	0.405	ng	99
18) Fluorene	15.20	166	7991	0.395	ng	99
21) 4-Bromophenyl-phenylether	16.10	248	2628	0.399	ng	98
22) Hexachlorobenzene	16.20	284	2958	0.406	ng	99
23) Atrazine	16.39	200	2015	0.414	ng	98
24) Pentachlorophenol	16.56	266	770	0.334	ng	98
25) Phenanthrene	16.93	178	12836	0.399	ng	100
26) Anthracene	17.03	178	10887	0.408	ng	99
28) Fluoranthene	18.97	202	14897	0.406	ng	100
30) Pyrene	19.33	202	14940	0.396	ng	99
32) Benzo(a)anthracene	21.09	228	14829	0.436	ng	100
33) Chrysene	21.14	228	14835	0.401	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	7234	0.530	ng	99
35) Indeno(1,2,3-cd)pyrene	25.35	276	17859	0.433	ng	99
37) Benzo(b)fluoranthene	22.62	252	14274	0.373	ng	95
38) Benzo(k)fluoranthene	22.66	252	15293m	0.385	ng	
39) Benzo(a)pyrene	23.16	252	13753	0.405	ng	97
40) Dibenzo(a,h)anthracene	25.36	278	14653	0.400	ng	97
41) Benzo(g,h,i)perylene	25.98	276	14723	0.388	ng	99

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

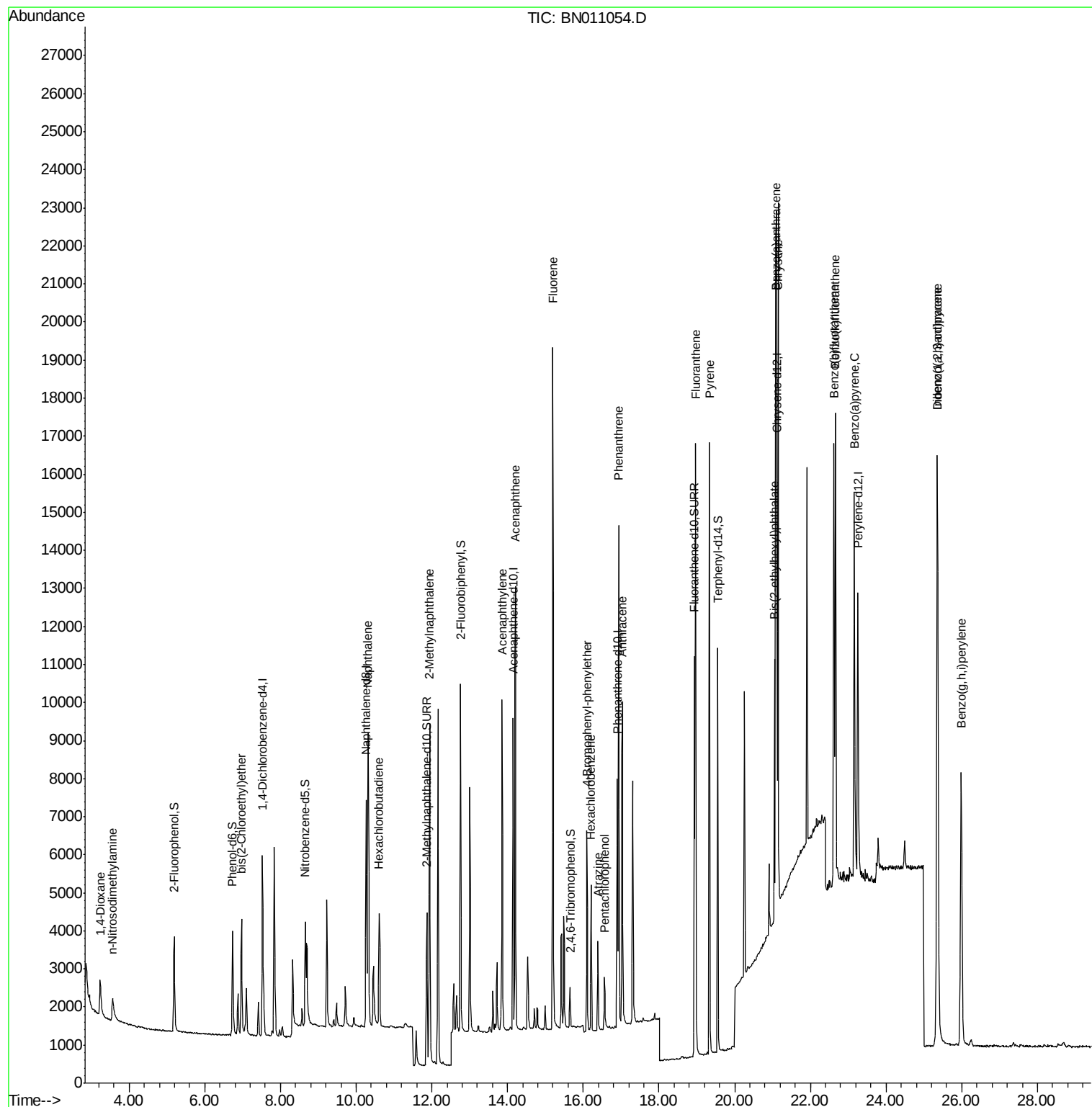
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011054.D
Acq On : 24 Jun 2020 18:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

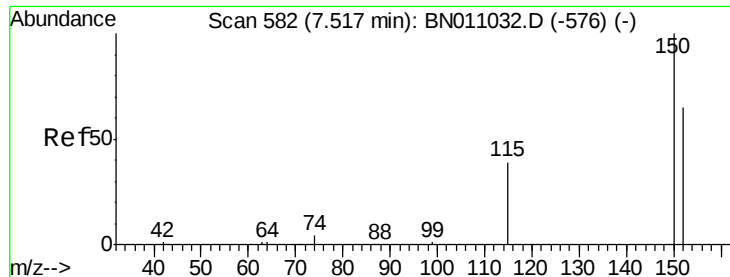
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:09 PM

Quant Time: Jun 24 19:13:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 18:53:50 2020
Response via : Initial Calibration





#1

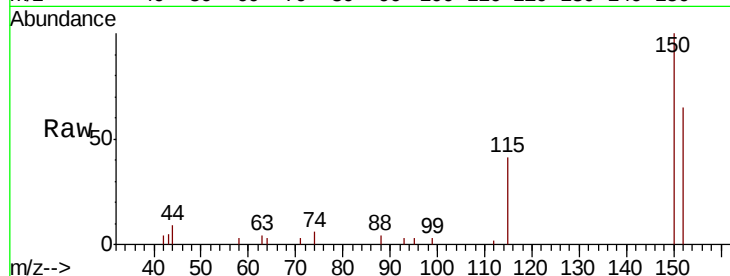
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	121.8	182.8
115	62.6	50.2	75.2

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:09 PM

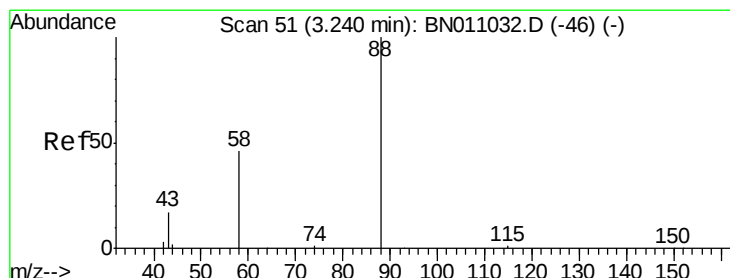
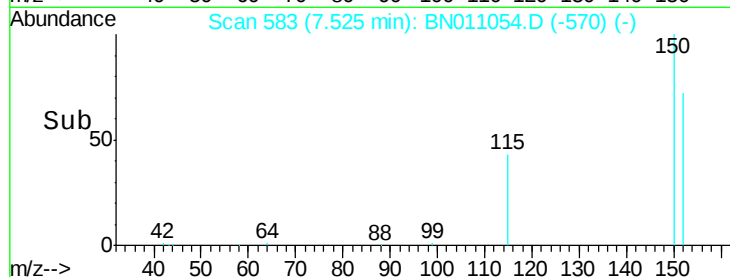
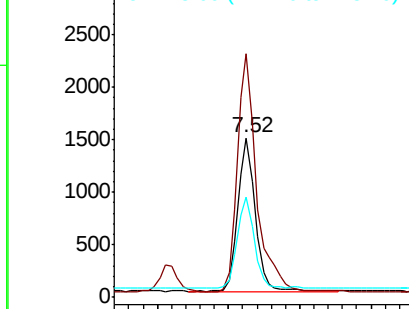


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

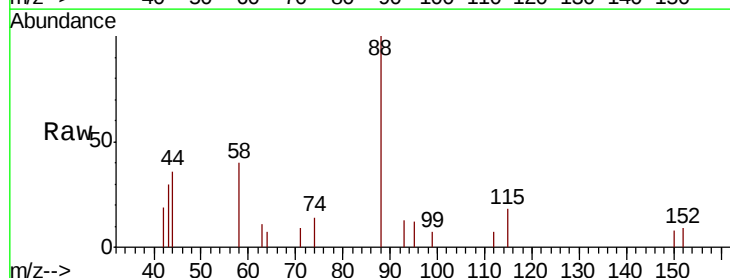
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.398 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	44.3	38.4	57.6
43	15.3	14.2	21.4

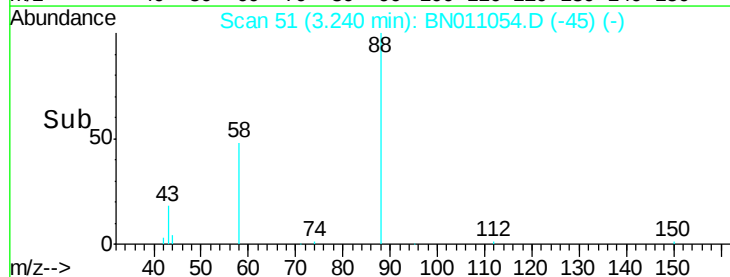
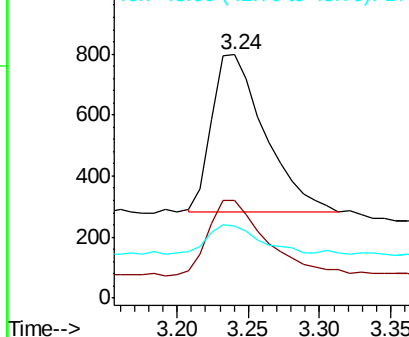


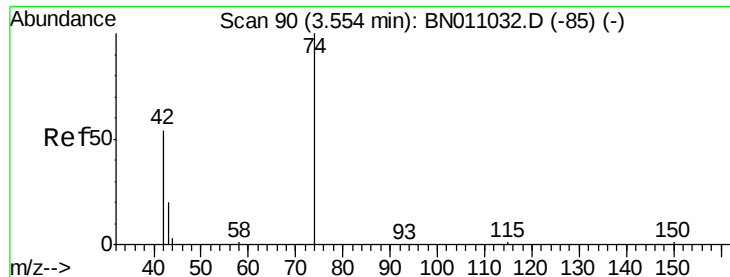
Abundance

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

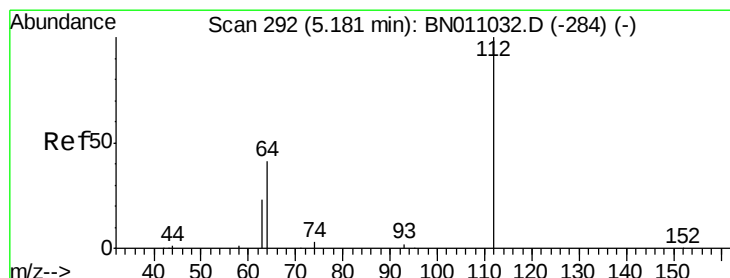
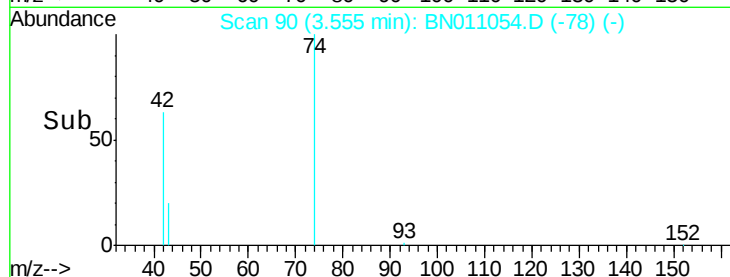
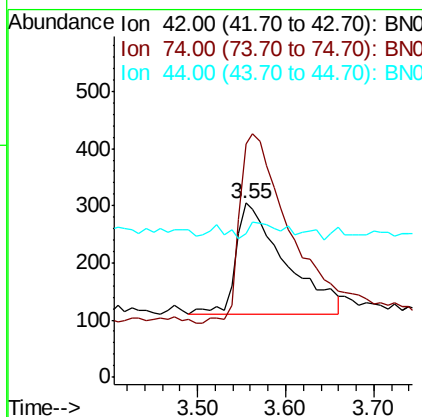
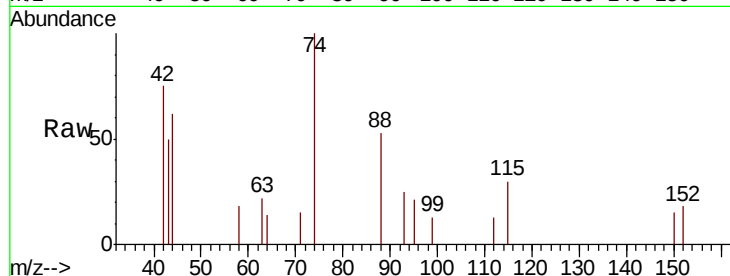
n-Nitrosodimethylamine
 Concen: 0.403 ng
 RT: 3.55 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: BN011054.D
 Acq: 24 Jun 2020 18:37

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
42	100		
74	177.0	154.8	232.2
44	10.4	4.8	7.2#

Manual Integrations
 APPROVED

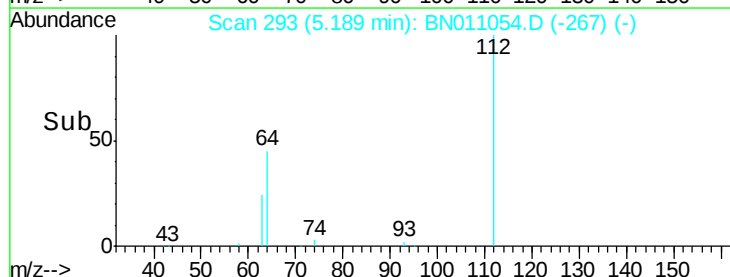
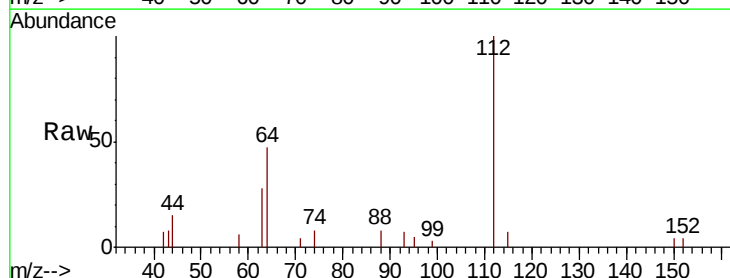
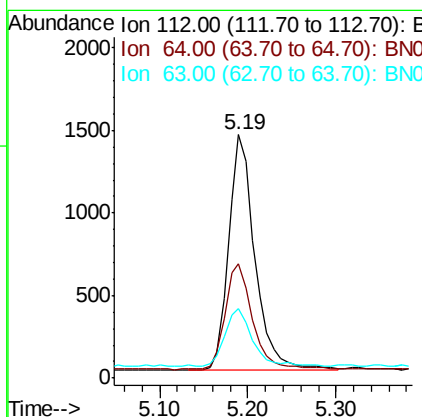
mohammad
 6/25/2020 1:07:09 PM

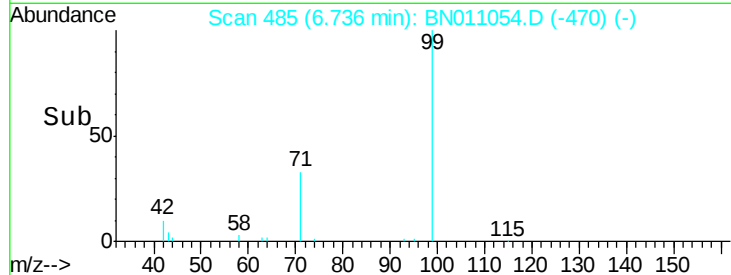
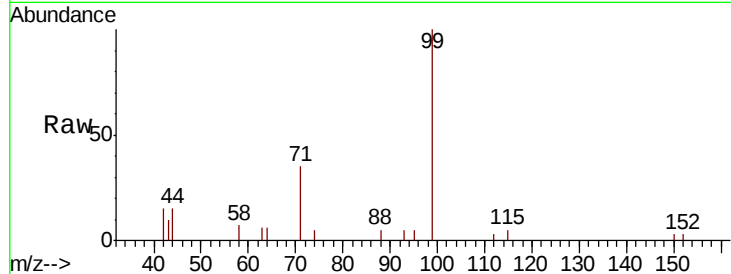
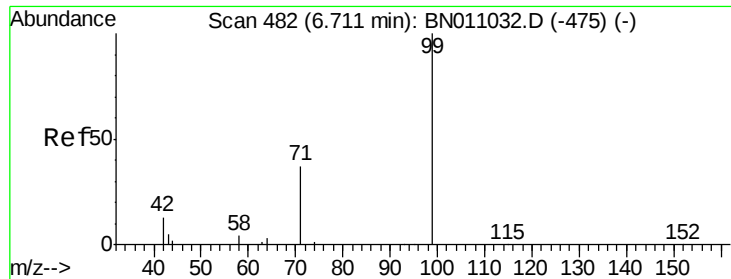


#4

2-Fluorophenol
 Concen: 0.423 ng
 RT: 5.19 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BN011054.D
 Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.2	37.3	55.9
63	25.8	20.4	30.6





#5

Phenol-d6

Concen: 0.433 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.02 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Tot Ion:	99	Resp:	3582
Ion	Ratio	Lower	Upper
99	100		
42	12.4	10.6	16.0
71	35.0	28.7	43.1

Instrument :

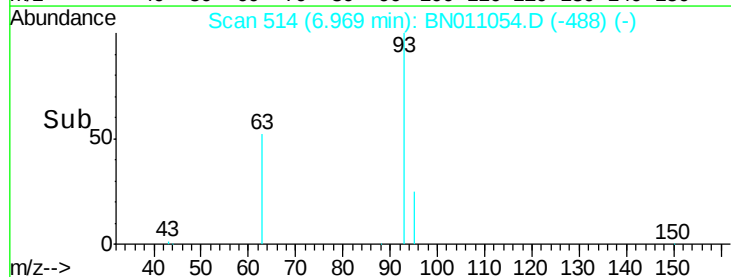
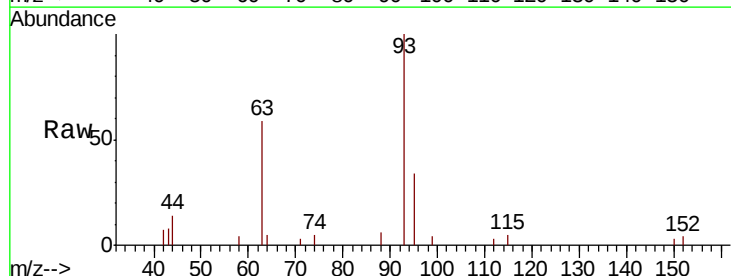
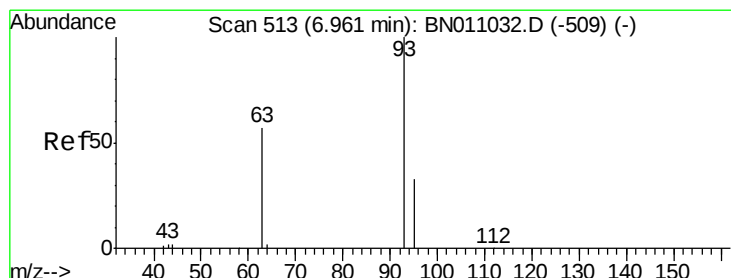
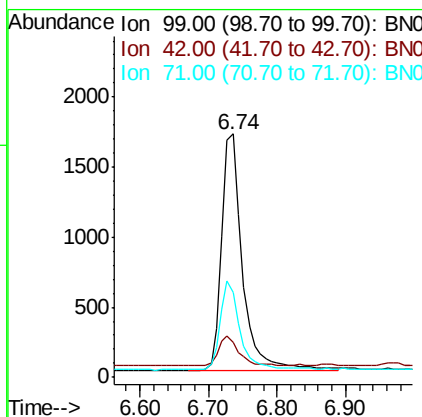
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:09 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.416 ng

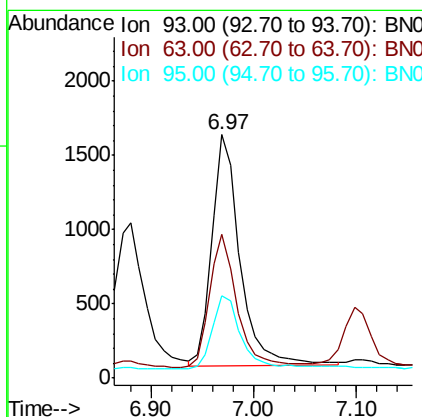
RT: 6.97 min Scan# 514

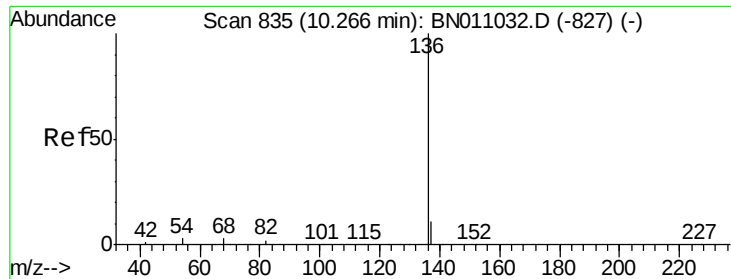
Delta R.T. 0.01 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Tgt Ion:	93	Resp:	2972
Ion	Ratio	Lower	Upper
93	100		
63	55.9	43.7	65.5
95	31.7	25.3	37.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Instrument :

BNA_N

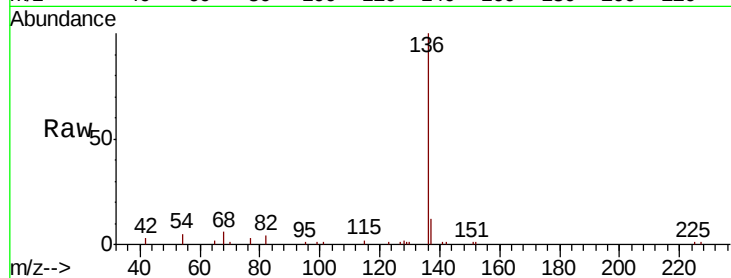
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	5.1	3.0	4.4
68	5.7	3.4	5.2

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:09 PM

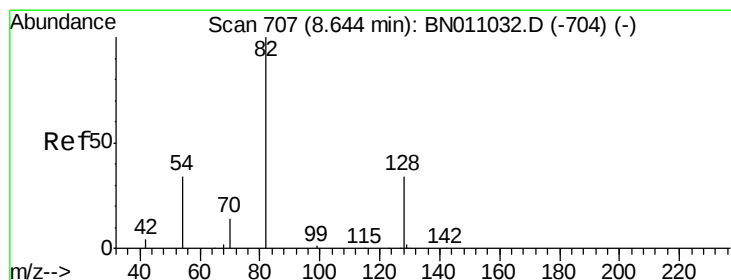
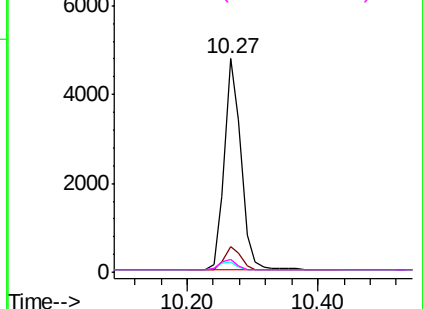
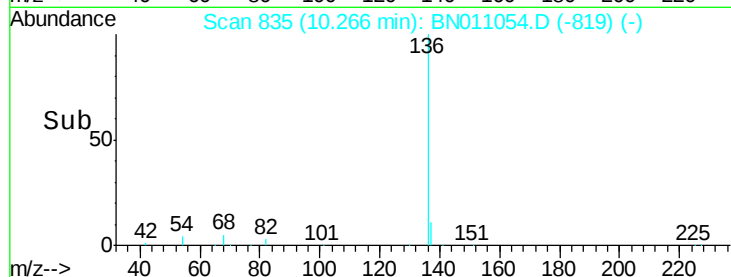


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

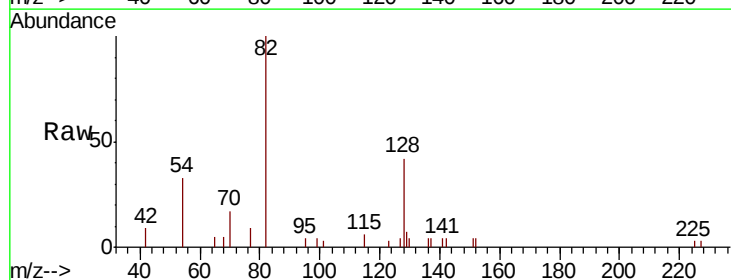
RT: 8.66 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

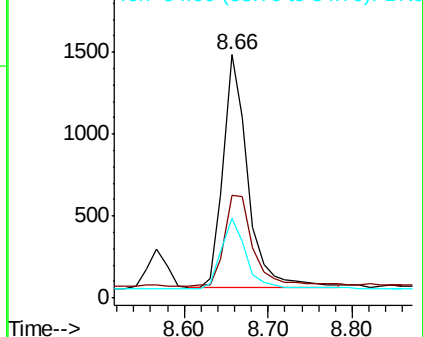
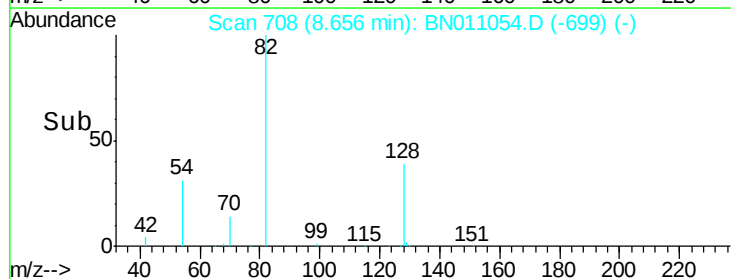
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	29.4	44.2
54	32.8	28.8	43.2

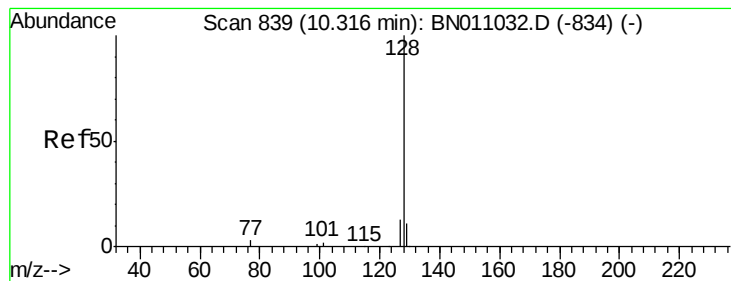


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.389 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Instrument :

BNA_N

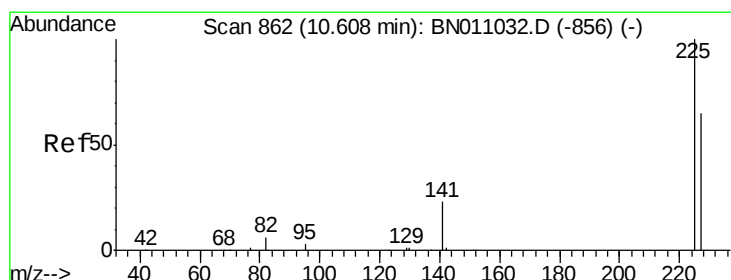
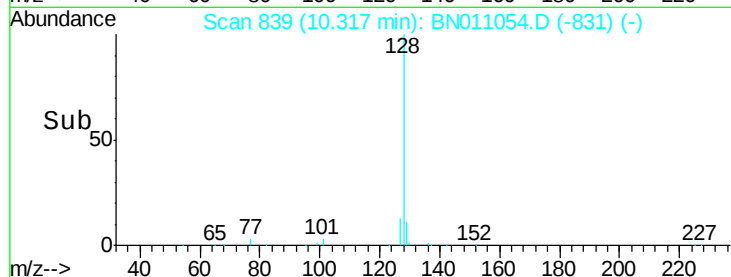
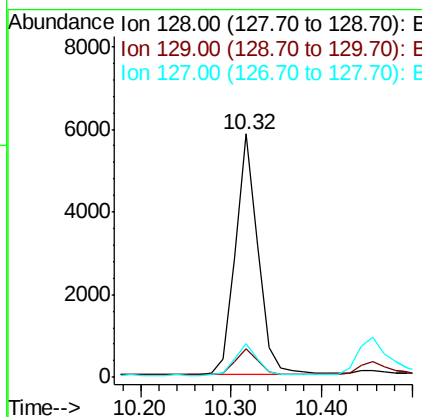
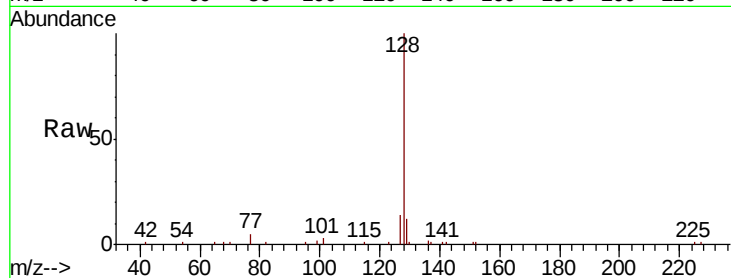
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	128	Resp:	10025
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.8	14.6
127	14.1	10.9	16.3

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:09 PM



#10

Hexachlorobutadiene

Concen: 0.396 ng

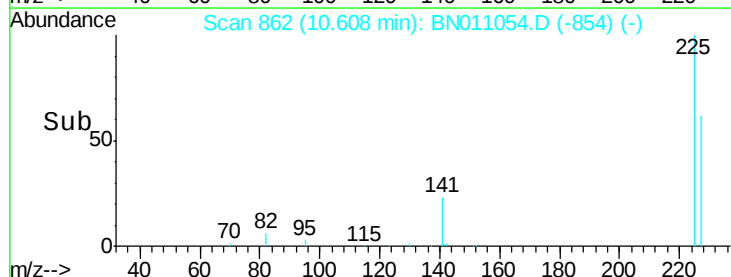
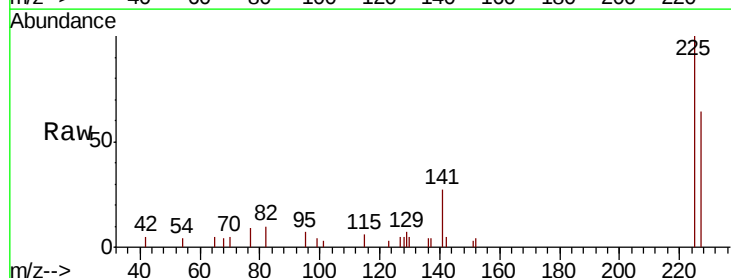
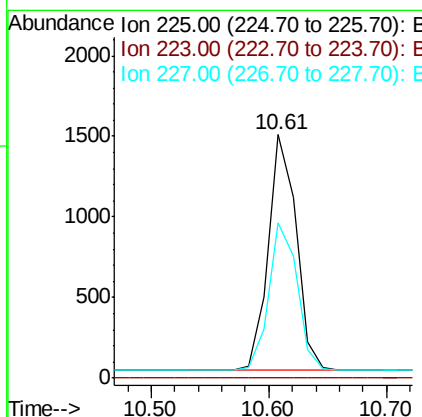
RT: 10.61 min Scan# 862

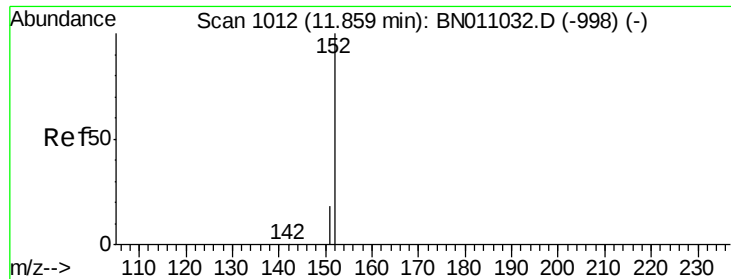
Delta R.T. 0.00 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Tgt Ion:	225	Resp:	2459
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.6	51.7	77.5





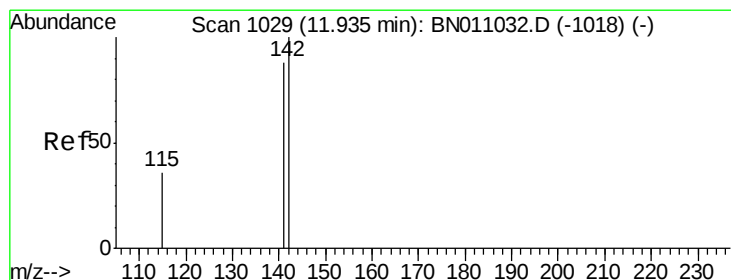
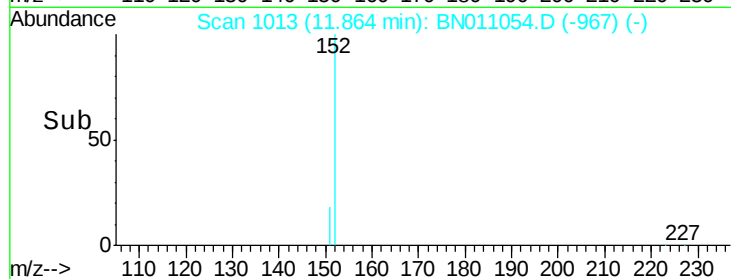
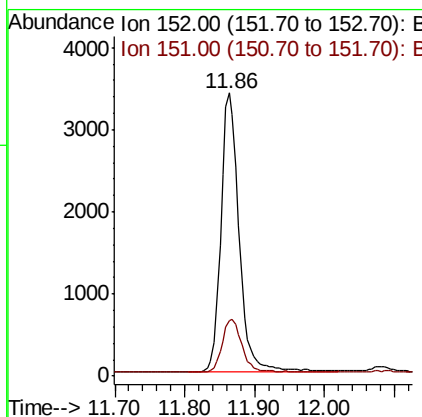
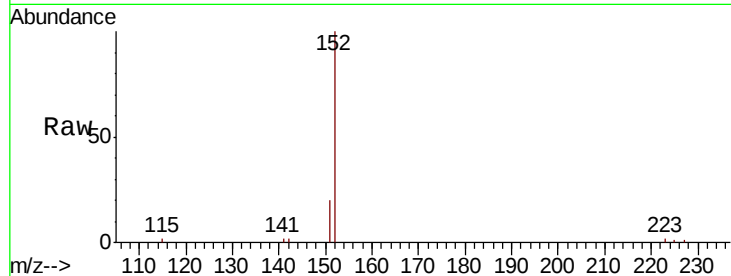
#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 11.86 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4

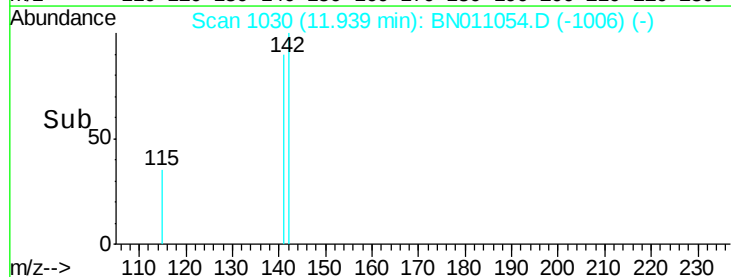
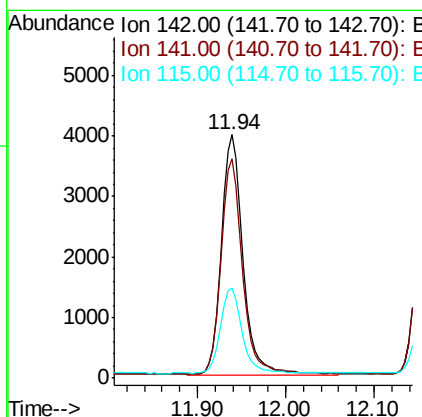
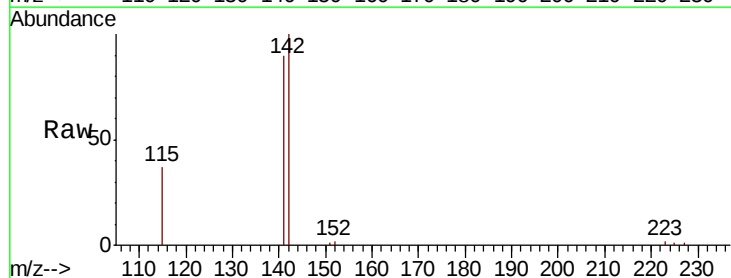
Manual Integrations
APPROVED

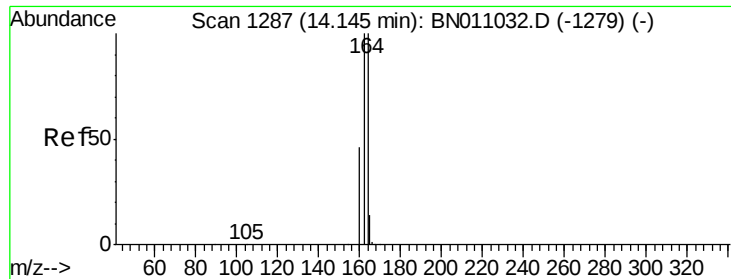
mohammad
6/25/2020 1:07:09 PM



#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.6	106.0
115	36.9	30.2	45.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Instrument :

BNA_N

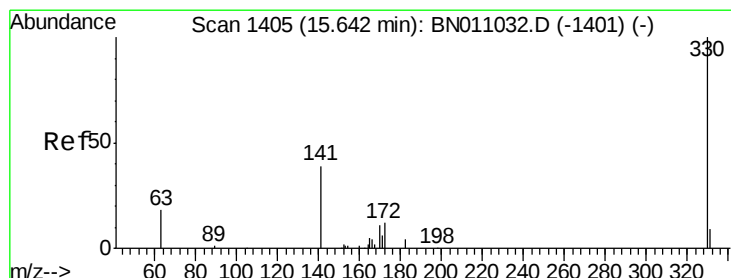
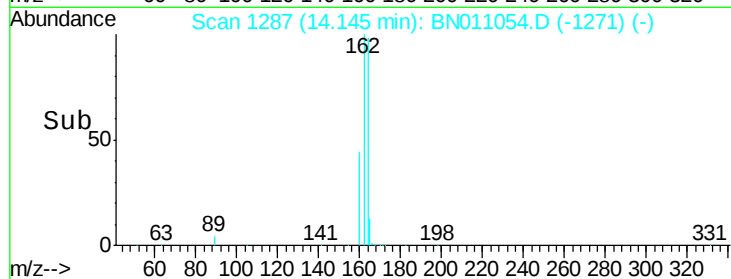
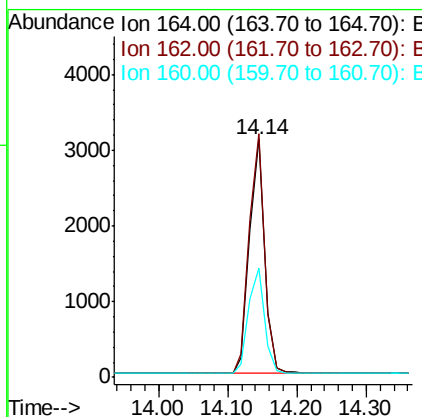
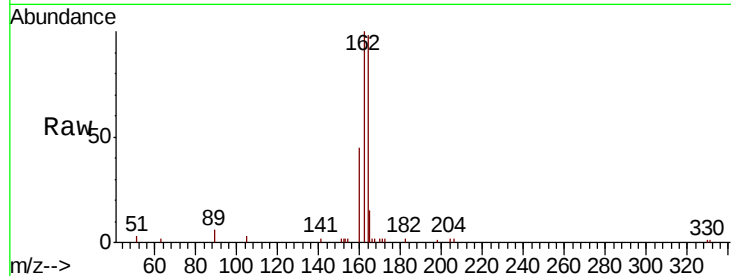
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	164	Resp:	4684
Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.4
160	45.9	37.7	56.5

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:09 PM



#14

2,4,6-Tribromophenol

Concen: 0.435 ng

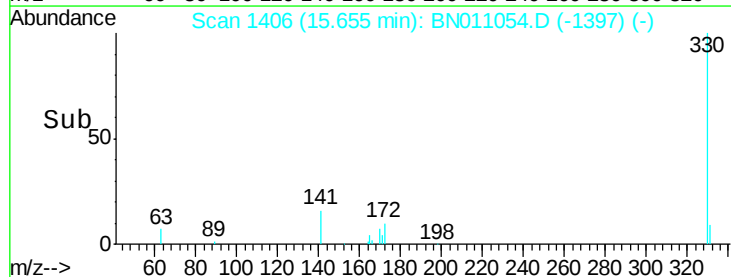
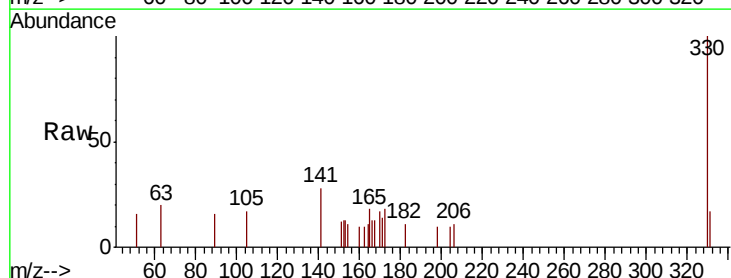
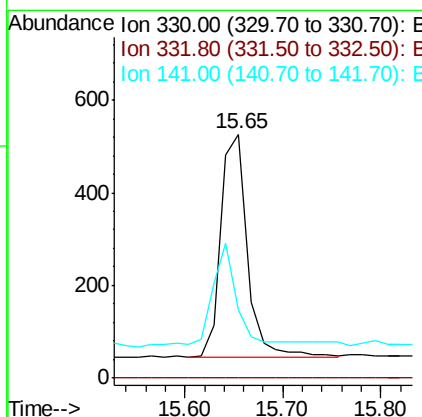
RT: 15.65 min Scan# 1406

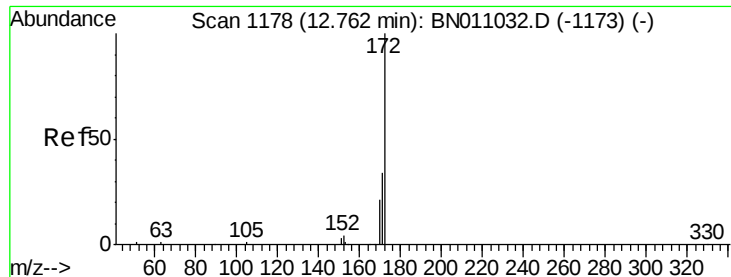
Delta R.T. 0.01 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Tgt Ion:	330	Resp:	896
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.1	34.5	51.7





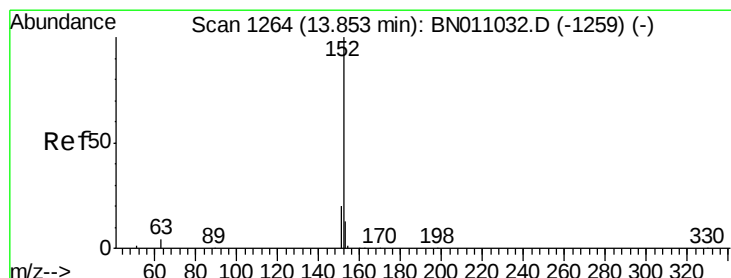
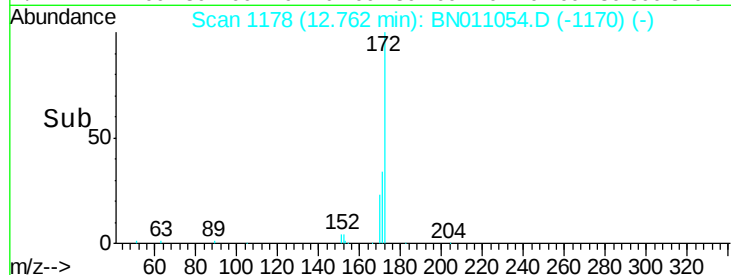
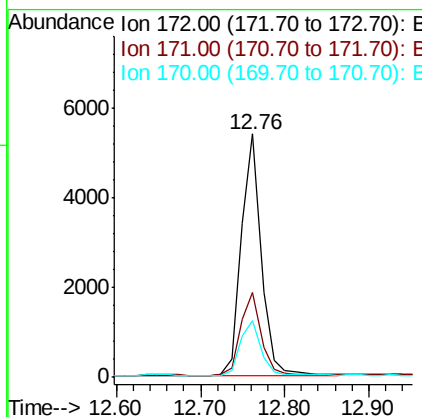
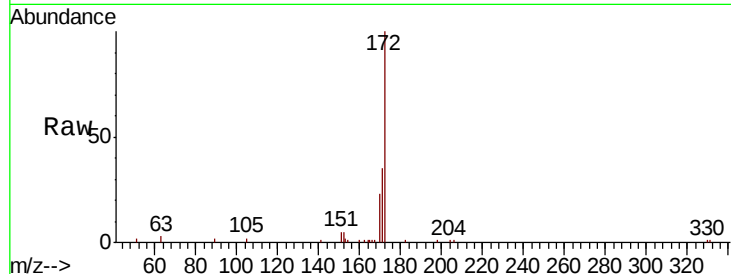
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.4	41.2
170	23.4	17.5	26.3

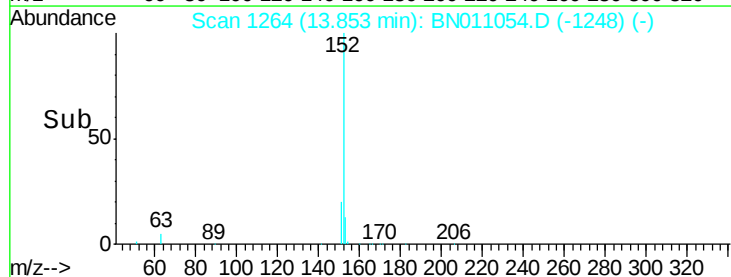
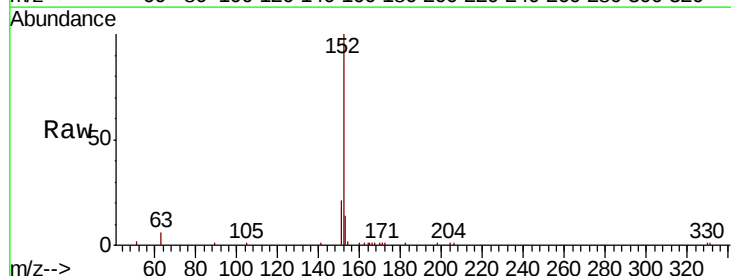
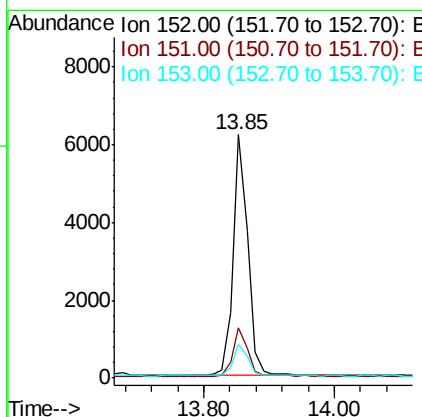
Manual Integrations
APPROVED

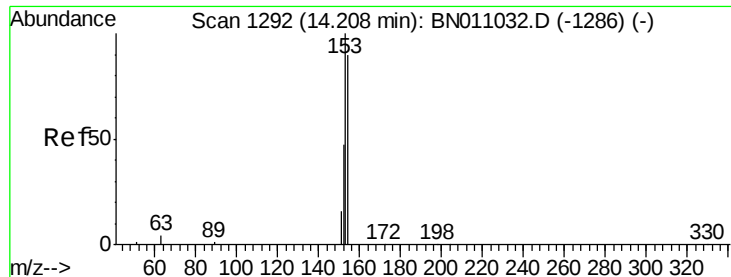
mohammad
6/25/2020 1:07:09 PM



#16
Acenaphthylene
Concen: 0.412 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.2	10.2	15.2





#17

Acenaphthene

Concen: 0.405 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Instrument :

BNA_N

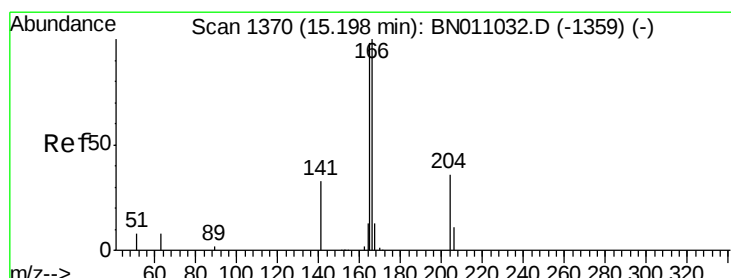
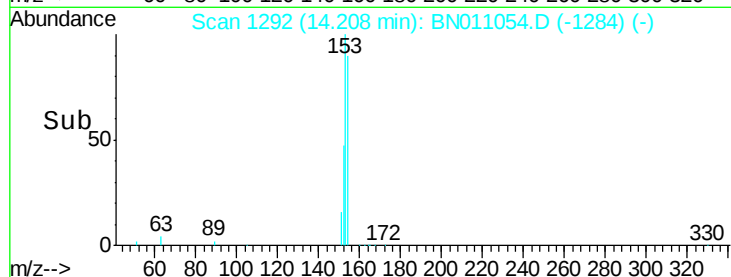
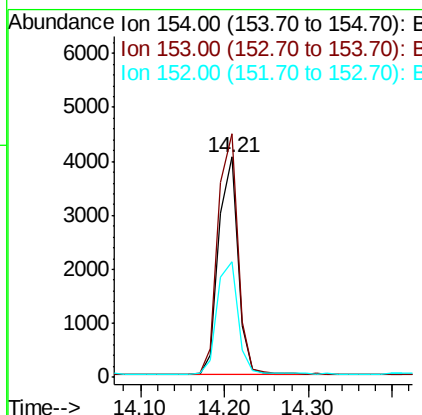
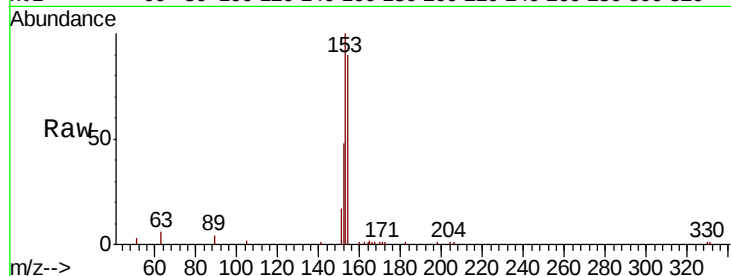
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	154	Resp:	6428
Ion	Ratio	Lower	Upper
154	100		
153	114.2	92.3	138.5
152	56.3	45.5	68.3

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:09 PM



#18

Fluorene

Concen: 0.395 ng

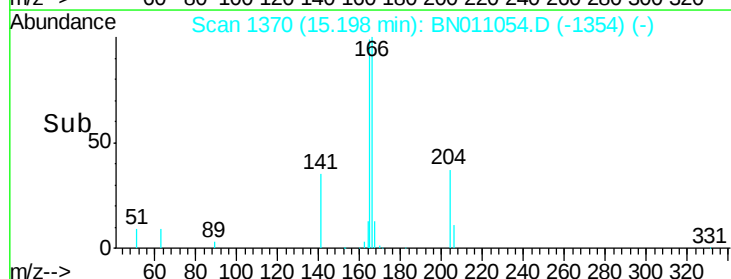
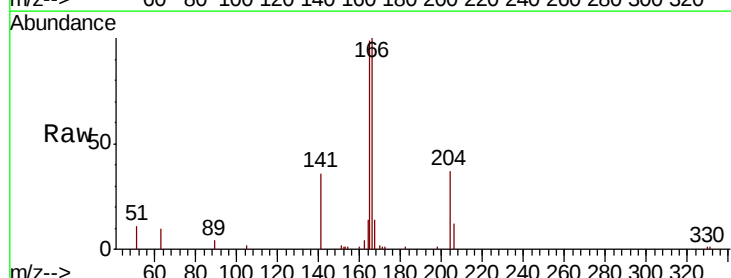
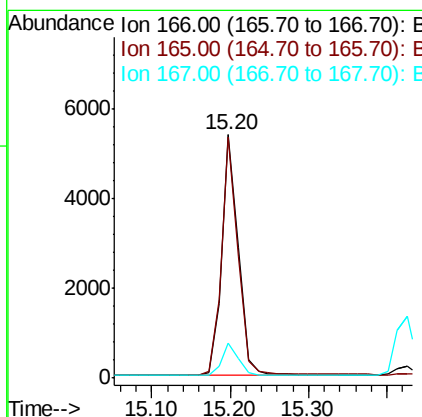
RT: 15.20 min Scan# 1370

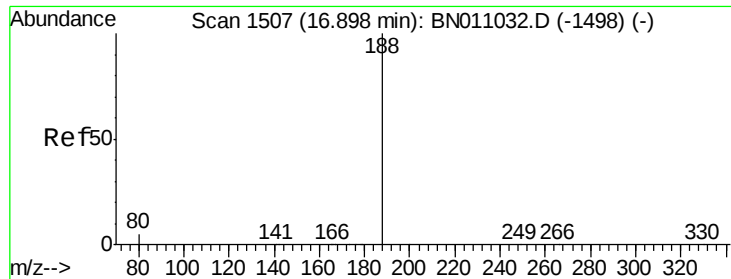
Delta R.T. 0.00 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Tgt Ion:	166	Resp:	7991
Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.8
167	13.8	10.8	16.2





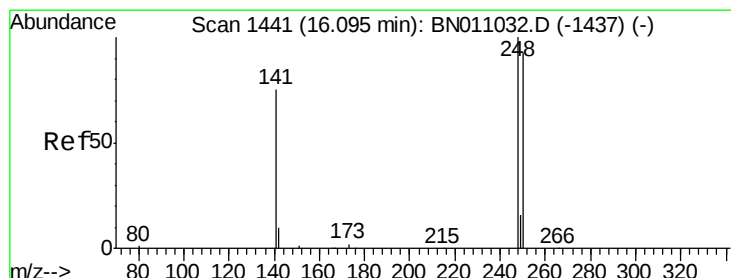
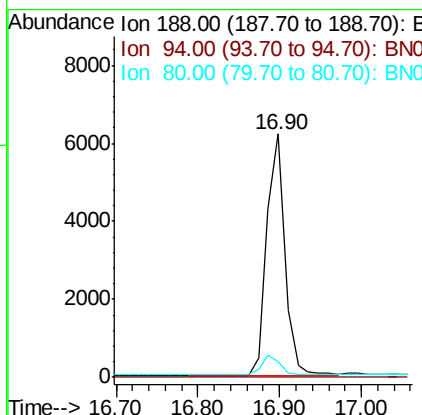
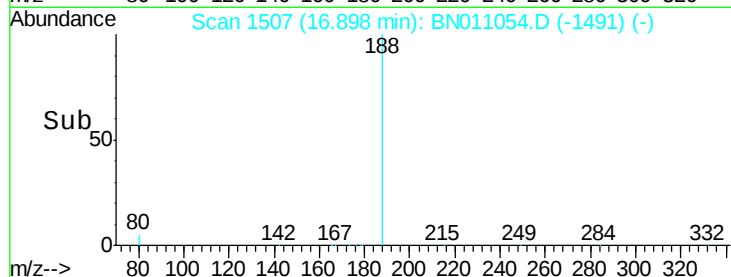
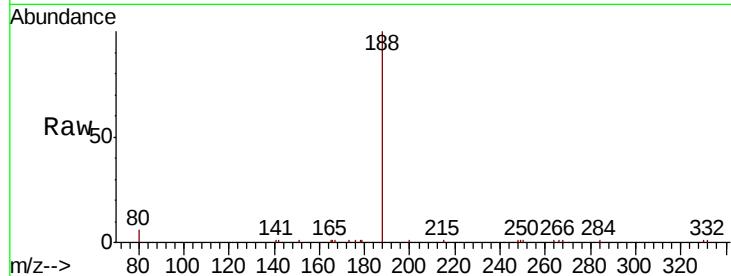
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:	188	Resp:	9535
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.2	4.6	7.0

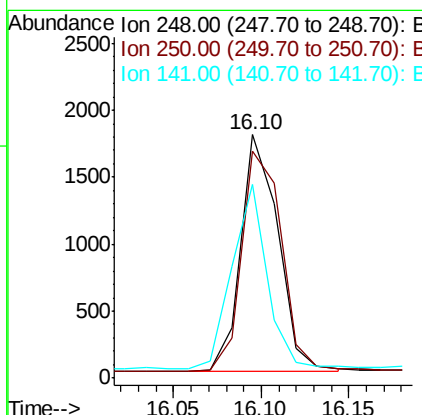
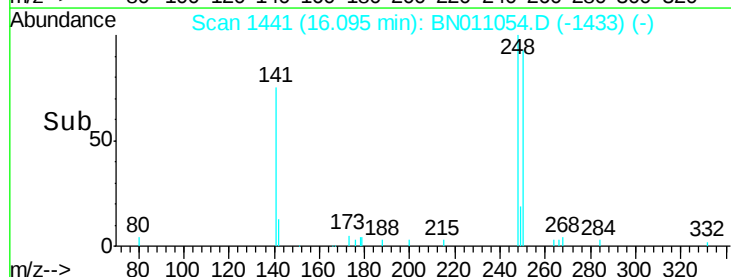
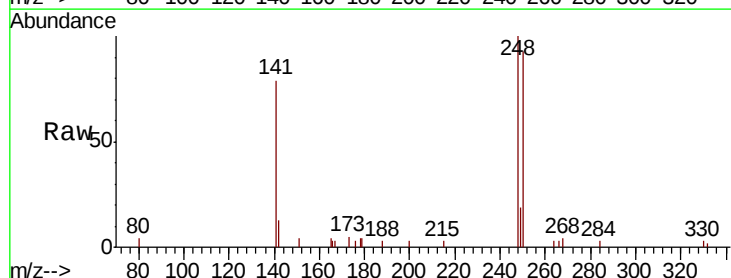
Manual Integrations
APPROVED

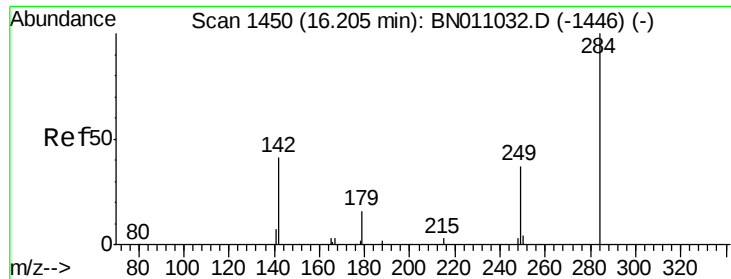
mohammad
6/25/2020 1:07:09 PM



#21
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion:	248	Resp:	2628
Ion Ratio	Lower	Upper	
248	100		
250	93.2	74.6	111.8
141	79.4	60.9	91.3





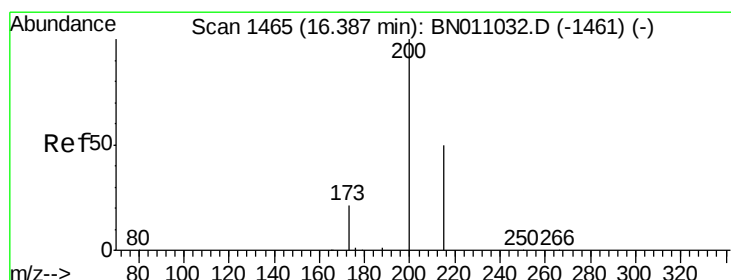
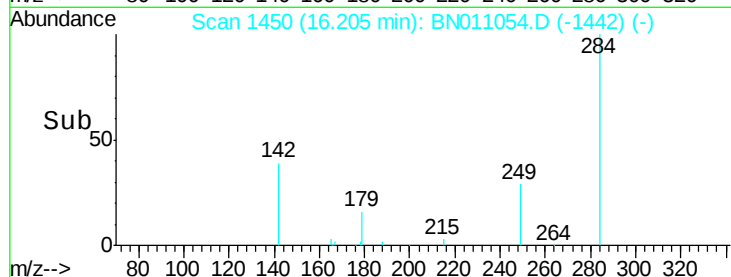
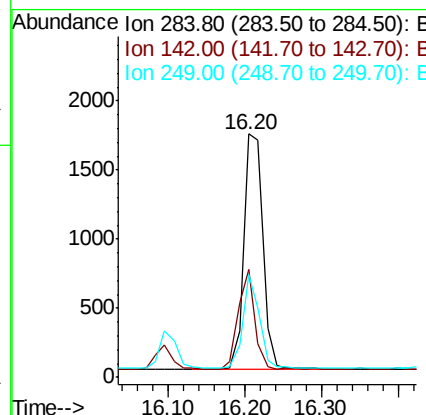
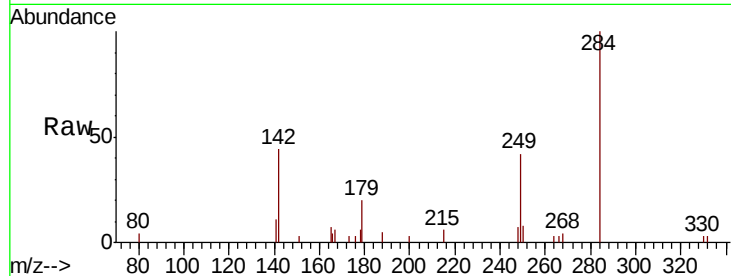
#22
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.8	30.4	45.6
249	33.8	27.0	40.4

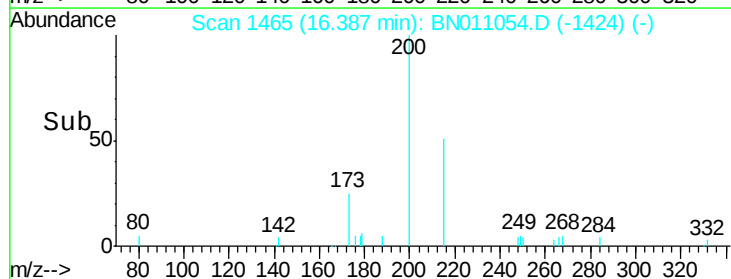
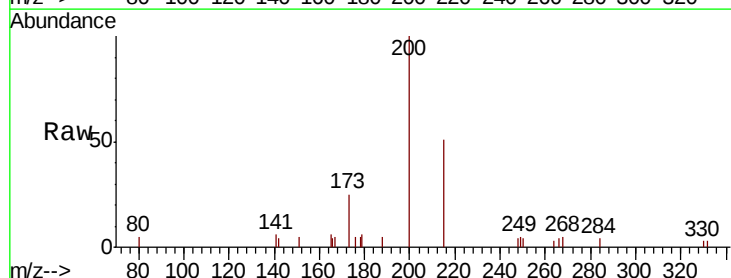
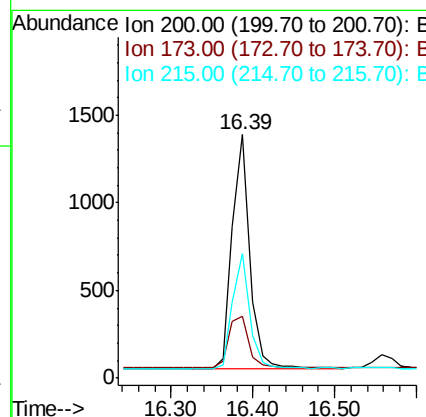
Manual Integrations
APPROVED

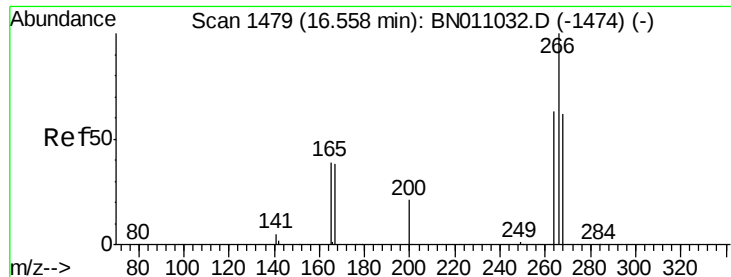
mohammad
6/25/2020 1:07:09 PM



#23
Atrazine
Concen: 0.414 ng
RT: 16.39 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	19.4	29.2
215	51.0	41.5	62.3





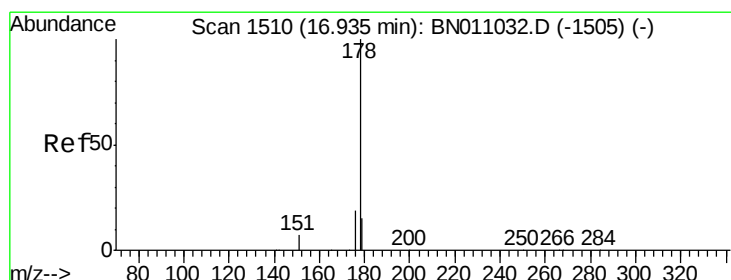
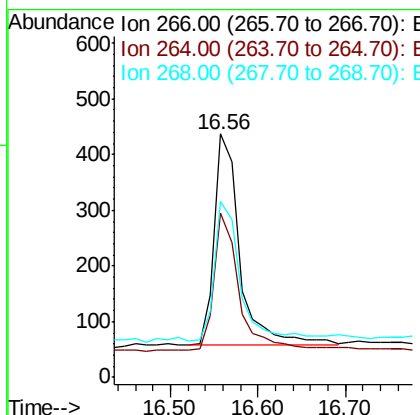
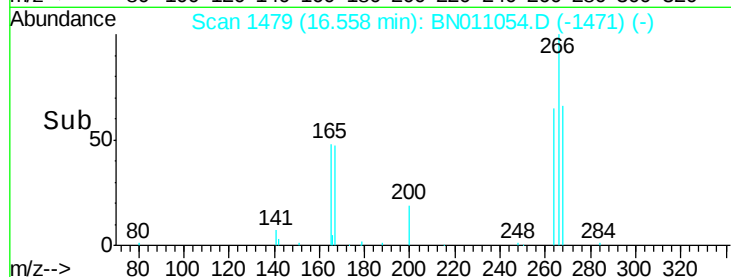
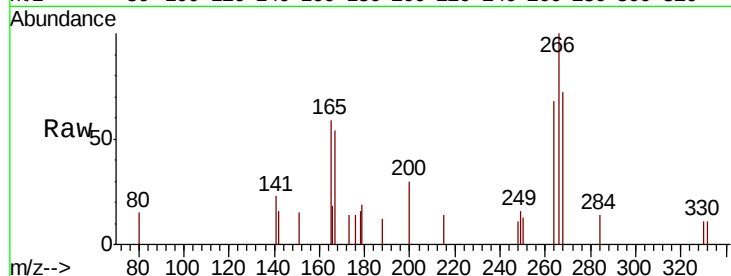
#24
 Pentachlorophenol
 Concen: 0.334 ng
 RT: 16.56 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BN011054.D
 Acq: 24 Jun 2020 18:37

Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.4	77.0
268	66.5	54.9	82.3

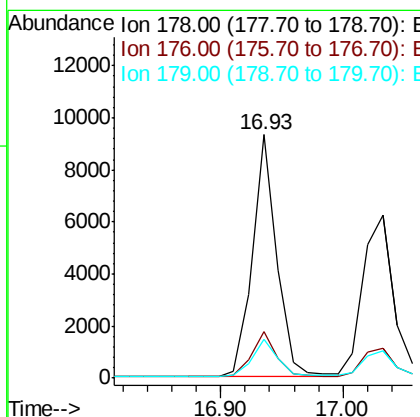
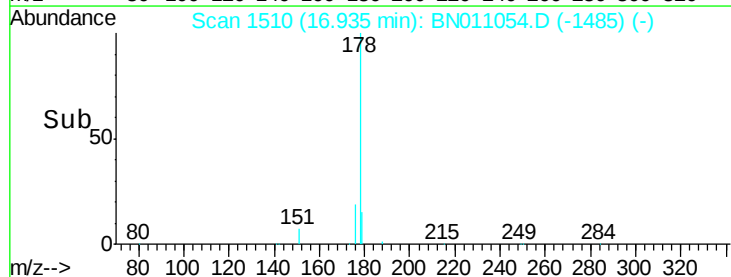
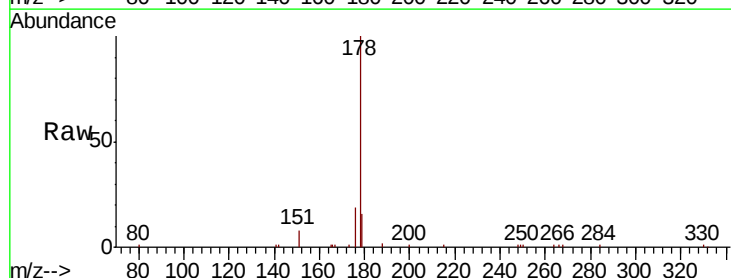
Manual Integrations
 APPROVED

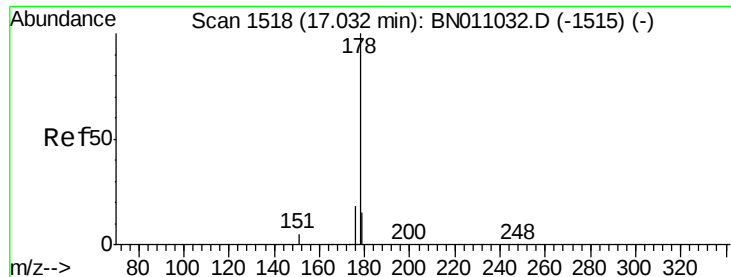
mohammad
 6/25/2020 1:07:09 PM



#25
 Phenanthrene
 Concen: 0.399 ng
 RT: 16.93 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BN011054.D
 Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.8	12.3	18.5





#26

Anthracene

Concen: 0.408 ng

RT: 17.03 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Instrument :

BNA_N

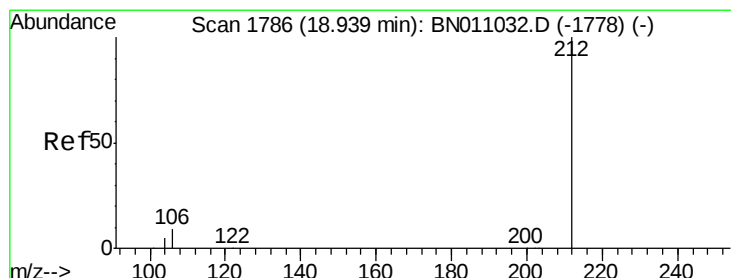
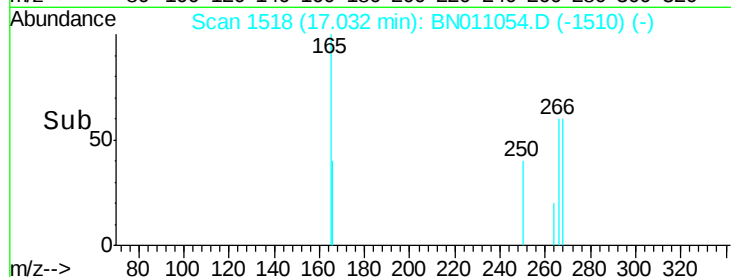
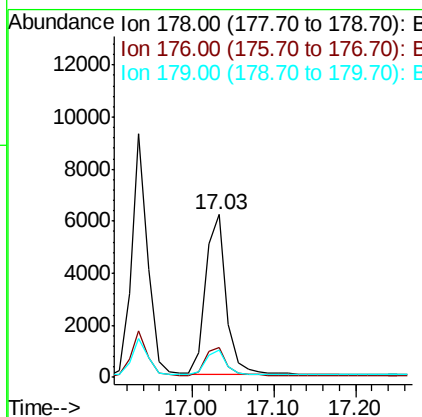
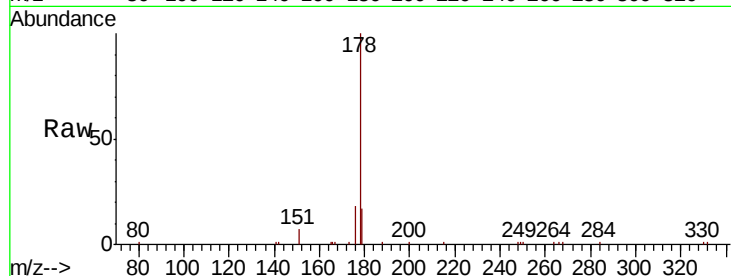
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	178	Resp:	10887
Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.7	22.1
179	15.4	12.2	18.4

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:09 PM



#27

Fluoranthene-d10

Concen: 0.420 ng

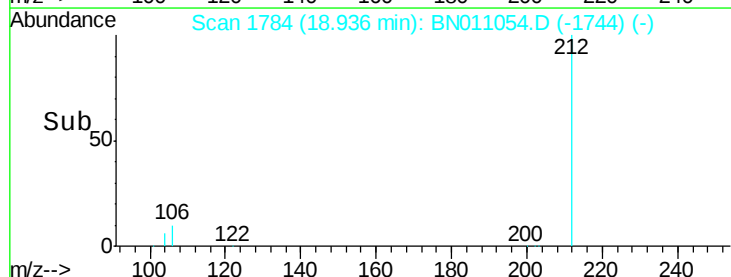
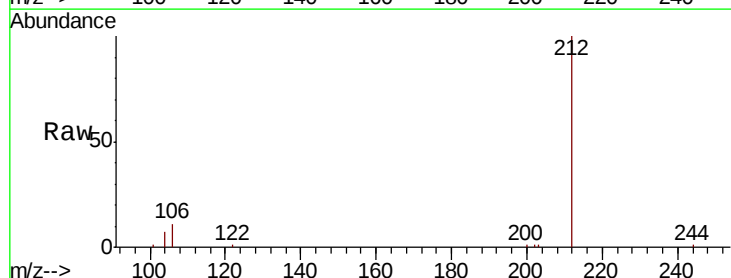
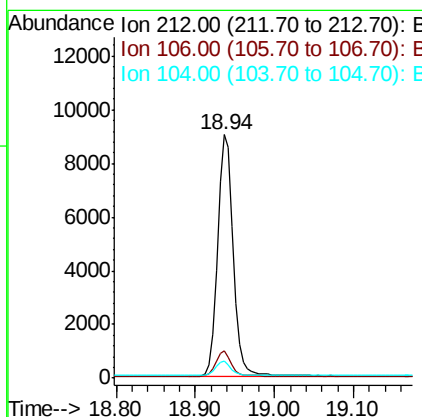
RT: 18.94 min Scan# 1784

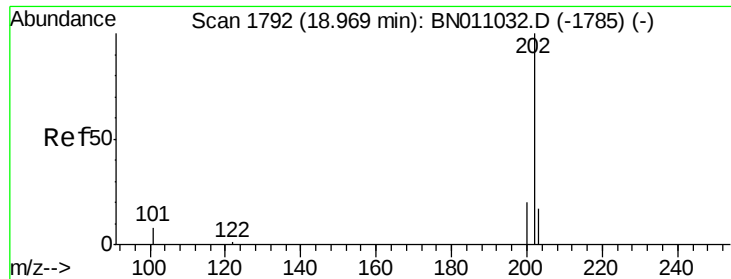
Delta R.T. -0.00 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Tgt Ion:	212	Resp:	12659
Ion	Ratio	Lower	Upper
212	100		
106	10.1	7.7	11.5
104	5.9	4.6	6.8





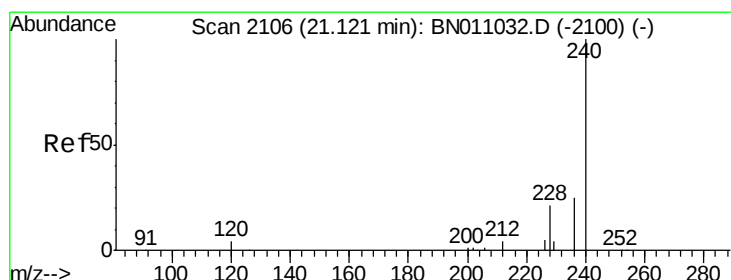
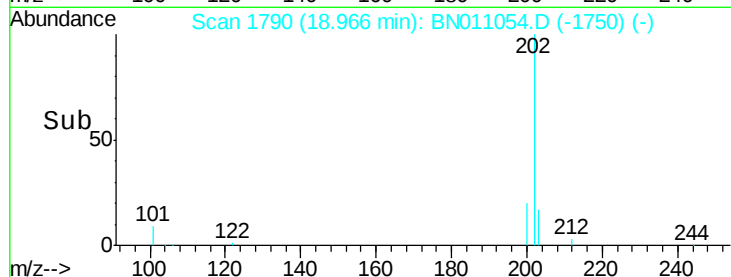
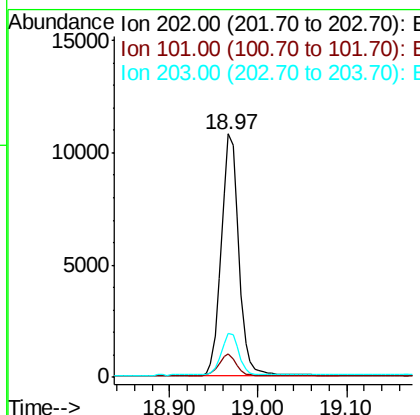
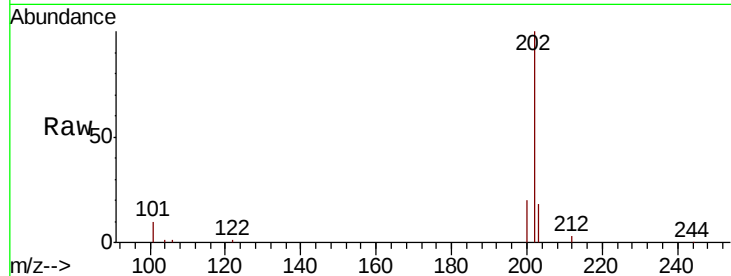
#28
Fluoranthene
Concen: 0.406 ng
RT: 18.97 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.6	10.0
203	17.2	13.8	20.6

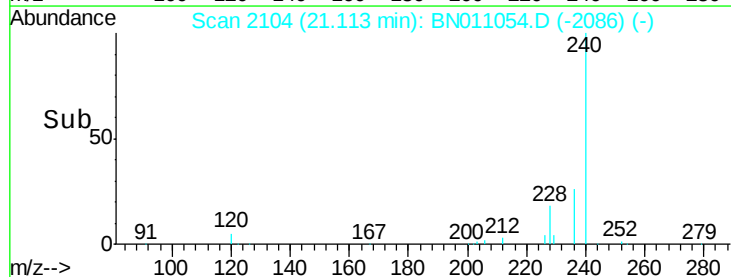
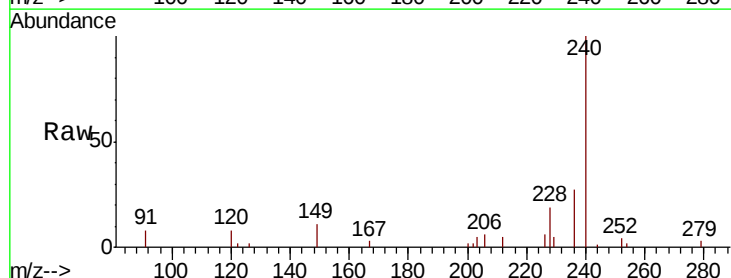
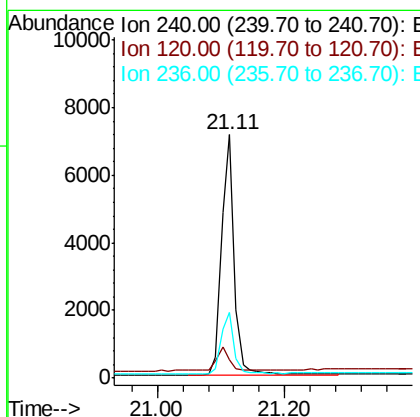
Manual Integrations
APPROVED

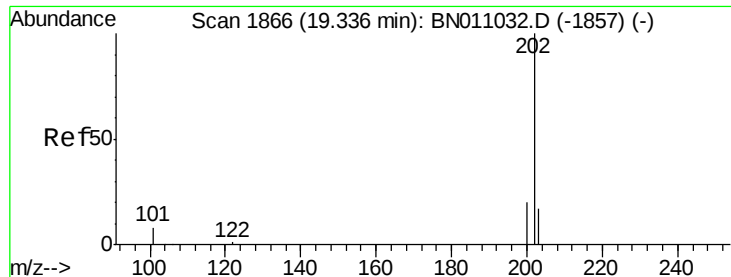
mohammad
6/25/2020 1:07:09 PM



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.4	8.0
236	26.9	21.4	32.2





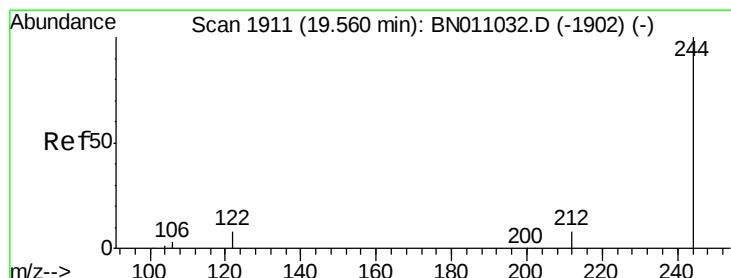
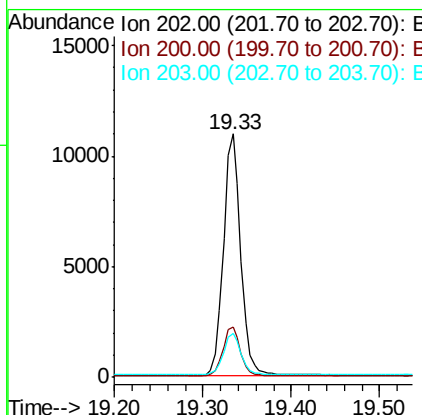
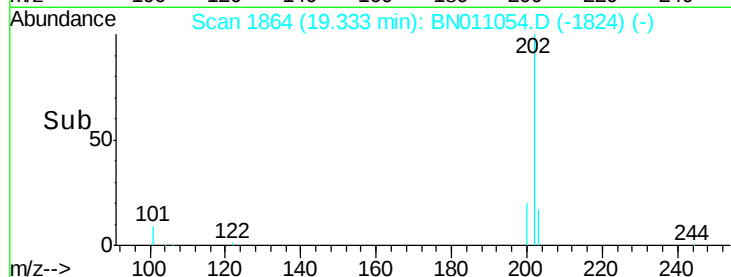
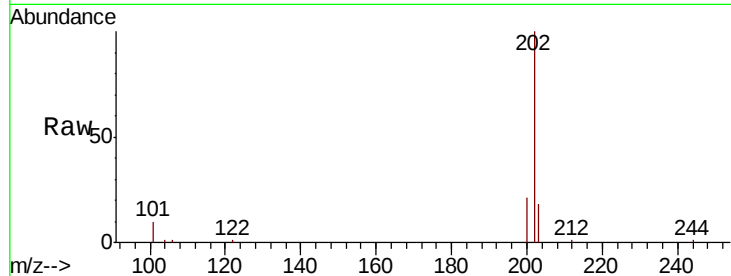
#30
Pvrene
Concen: 0.396 ng
RT: 19.33 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.6	14.2	21.2

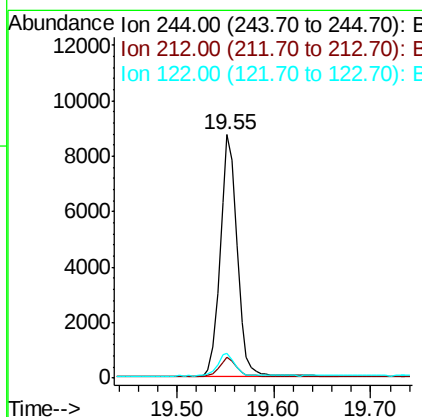
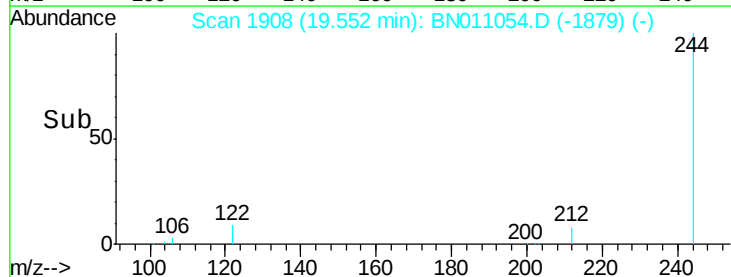
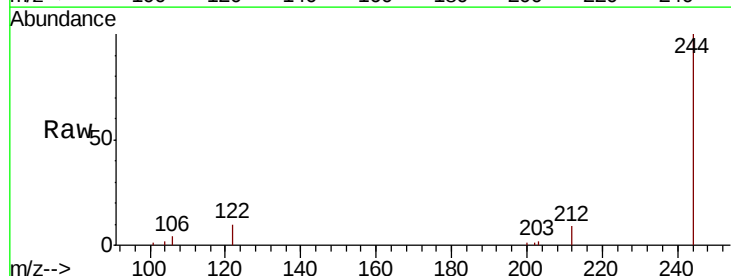
Manual Integrations
APPROVED

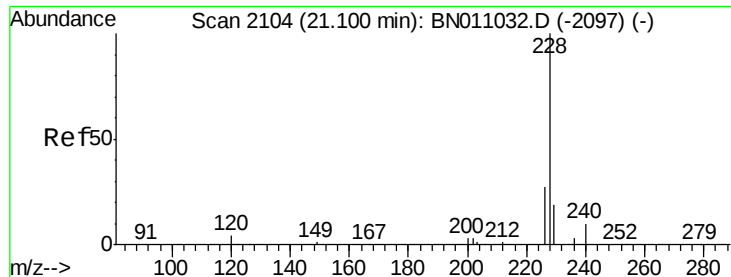
mohammad
6/25/2020 1:07:09 PM



#31
Terphenyl-d14
Concen: 0.405 ng
RT: 19.55 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	10.3	7.4	11.0





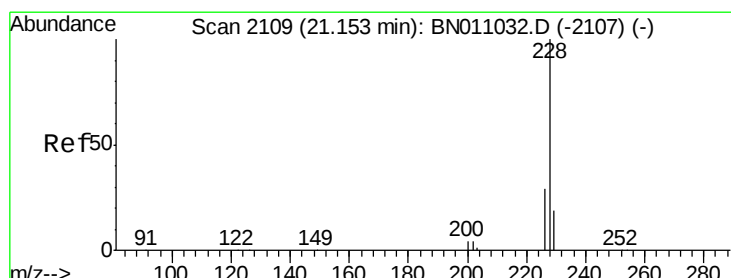
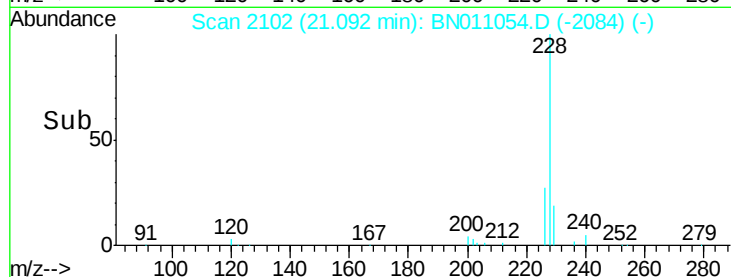
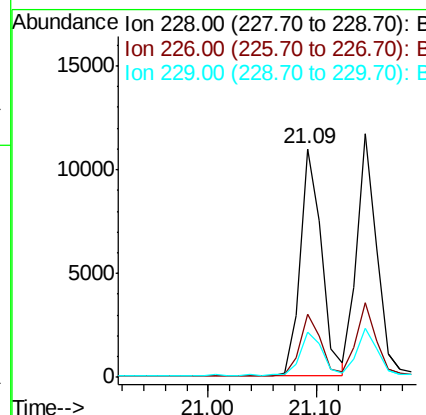
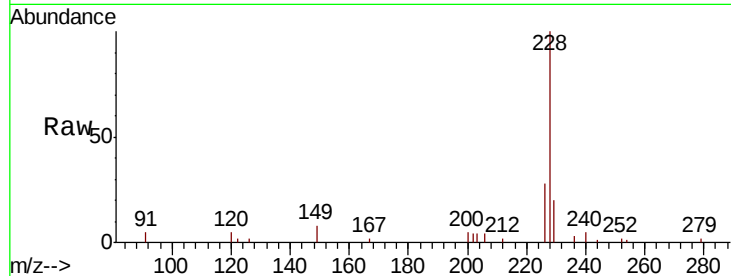
#32
Benzo(a)anthracene
Concen: 0.436 ng
RT: 21.09 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.8	15.9	23.9

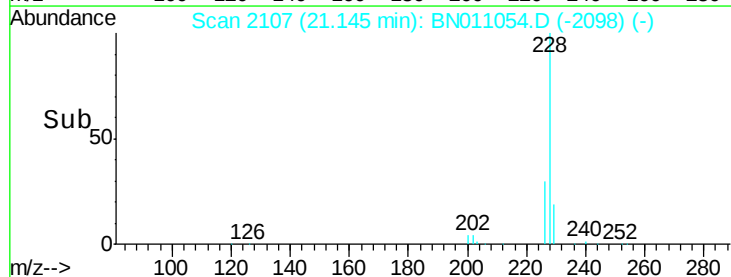
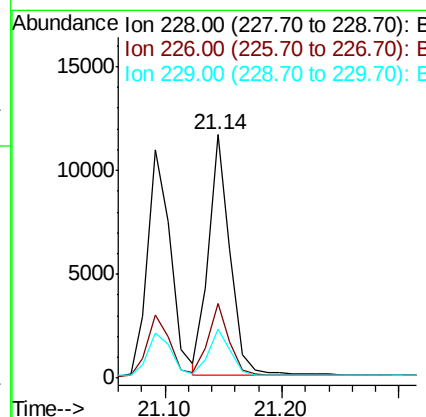
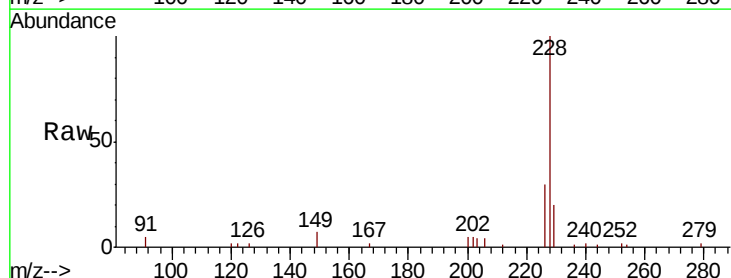
Manual Integrations
APPROVED

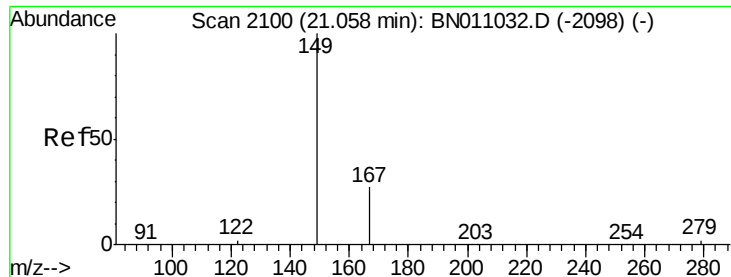
mohammad
6/25/2020 1:07:09 PM



#33
Chrysene
Concen: 0.401 ng
RT: 21.14 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	20.1	15.8	23.6





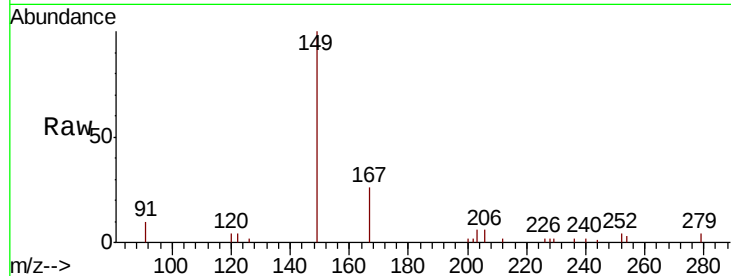
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.530 ng
RT: 21.05 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

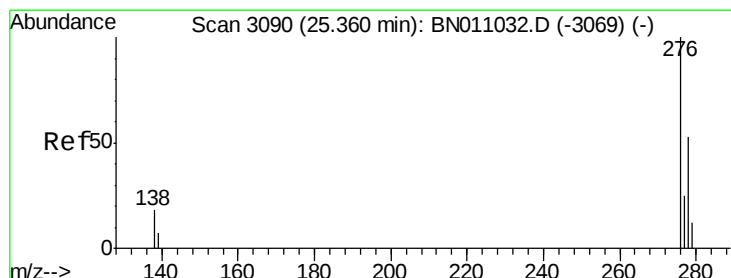
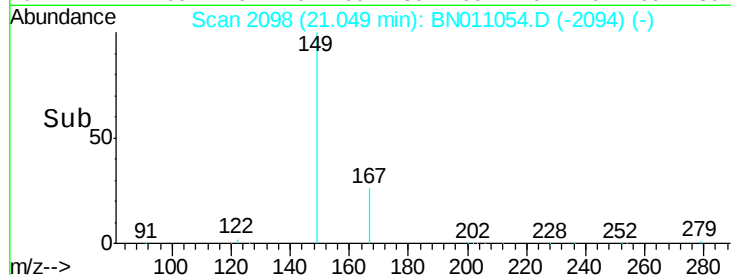
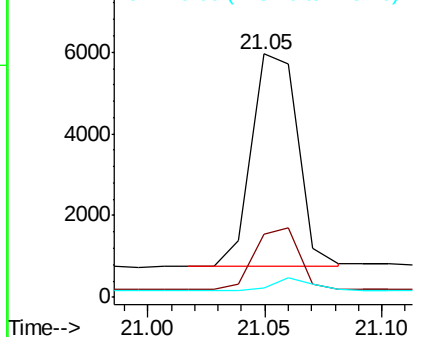
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.2
279	5.3	3.9	5.9

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:09 PM



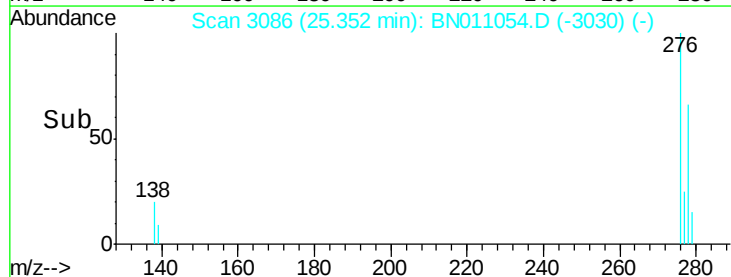
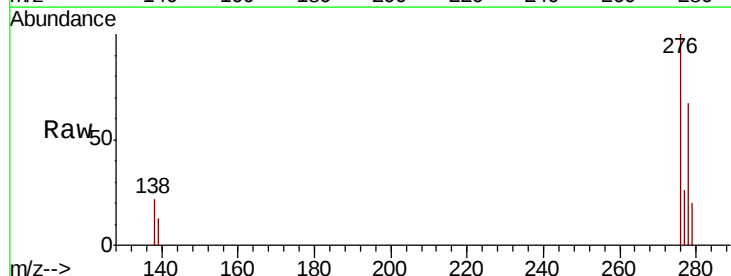
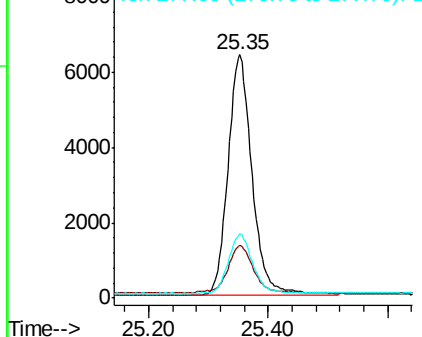
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

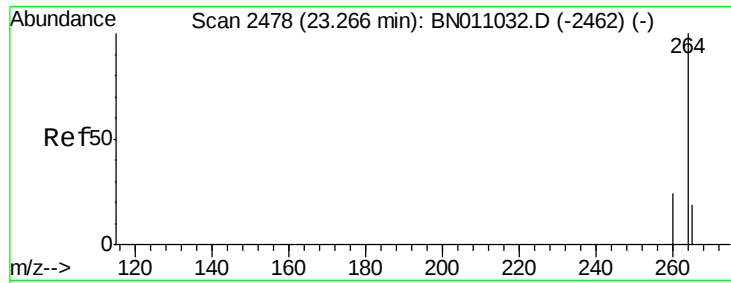


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng
RT: 25.35 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.2	24.2
277	24.6	19.9	29.9

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





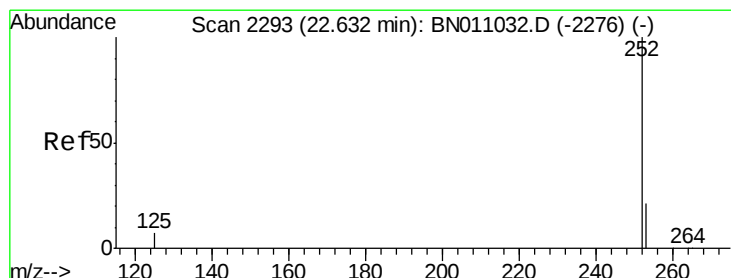
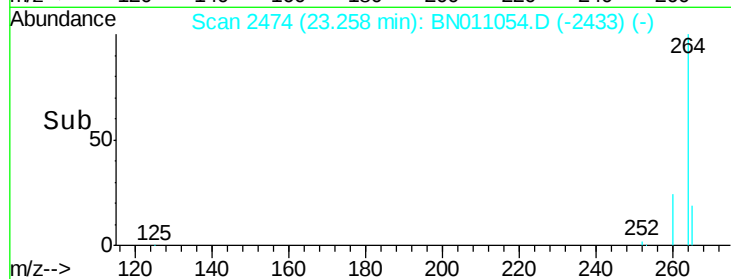
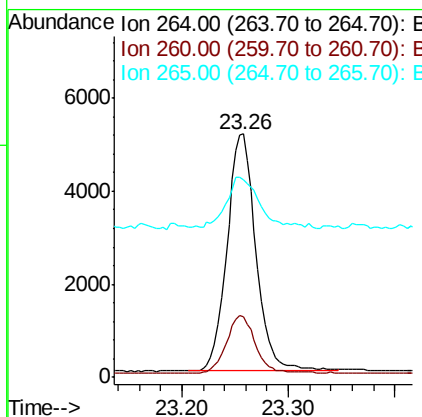
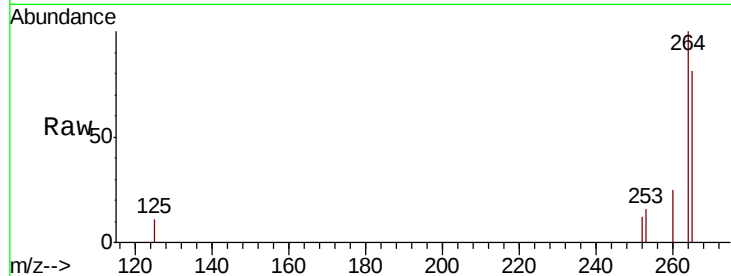
#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	81.2	64.9	97.3

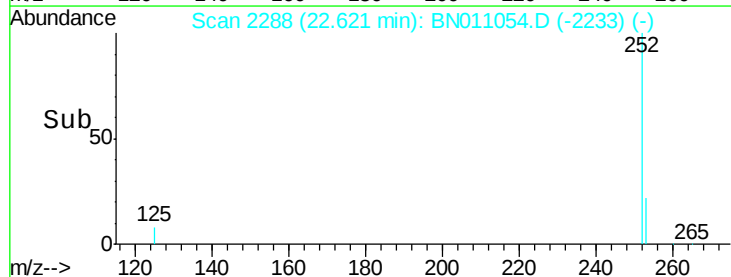
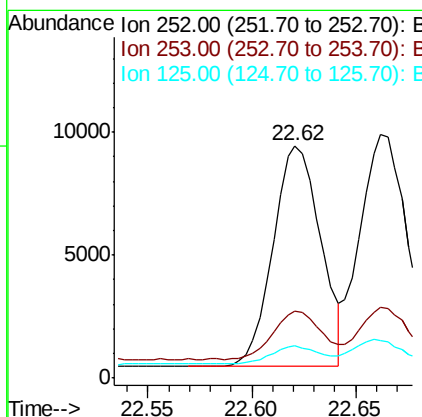
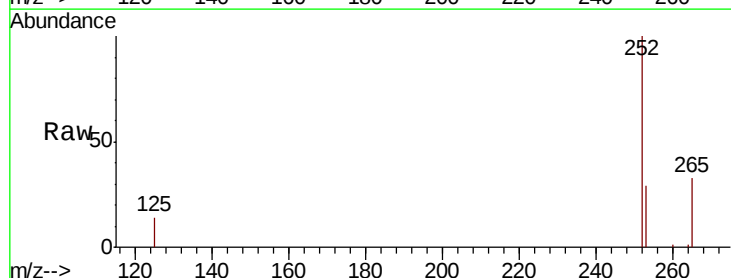
Manual Integrations
APPROVED

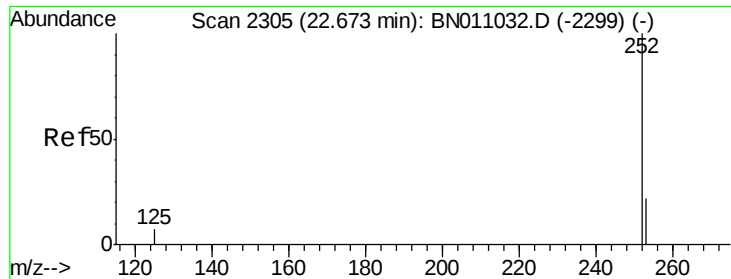
mohammad
6/25/2020 1:07:09 PM



#37
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 22.62 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	21.4	32.0
125	13.7	9.3	13.9





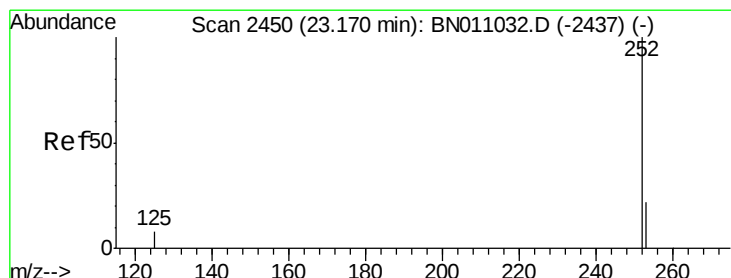
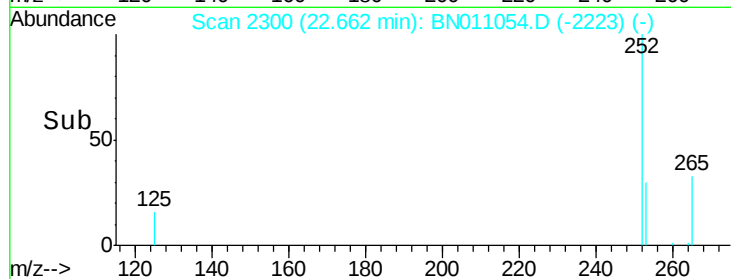
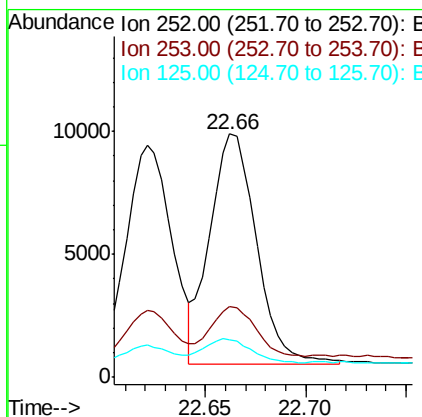
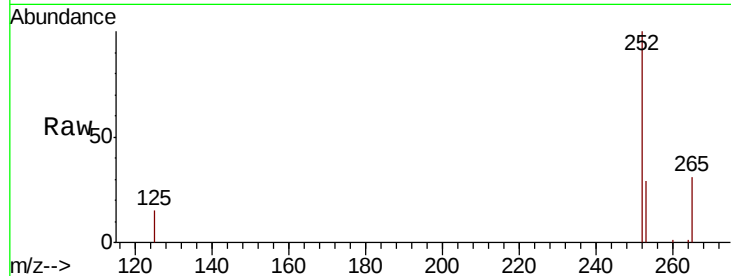
#38
Benzo(k)fluoranthene
Concen: 0.385 ng m
RT: 22.66 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.9	21.8	32.6
125	15.5	9.8	14.6

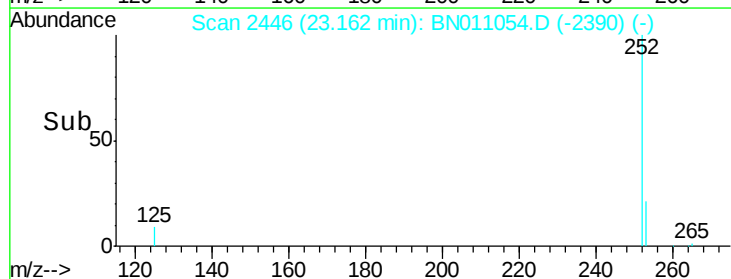
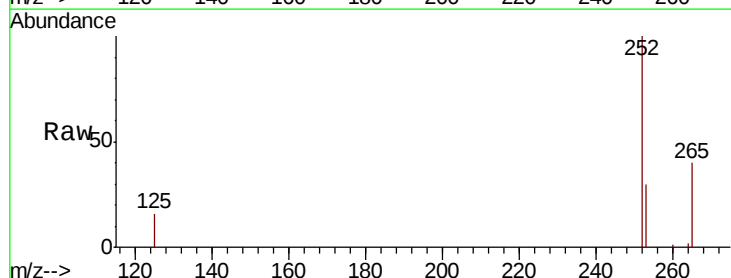
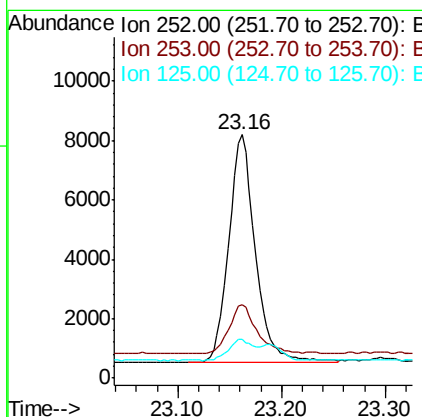
Manual Integrations
APPROVED

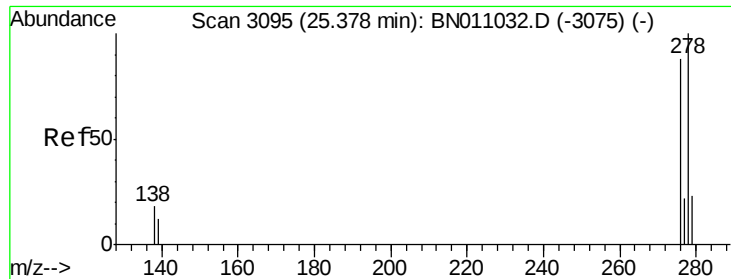
mohammad
6/25/2020 1:07:09 PM



#39
Benzo(a)pyrene
Concen: 0.405 ng
RT: 23.16 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BN011054.D
Acq: 24 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	23.1	34.7
125	15.9	11.2	16.8





#40

Dibenzo(a,h)anthracene

Concen: 0.400 ng

RT: 25.36 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Instrument :

BNA_N

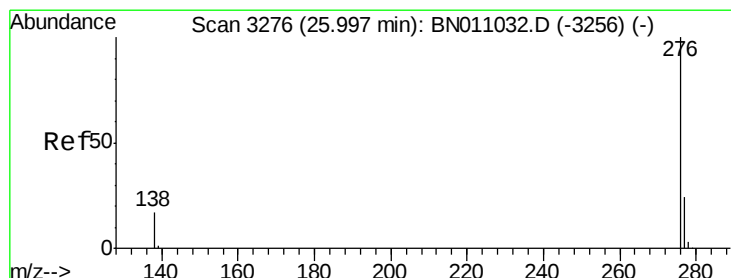
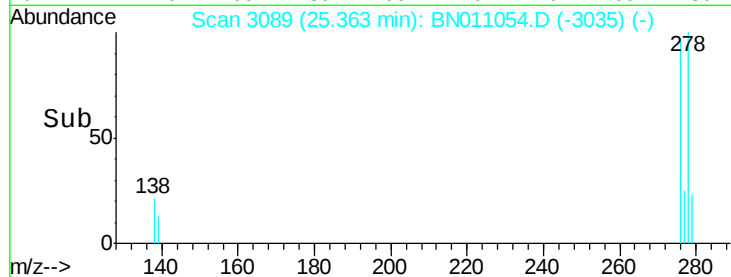
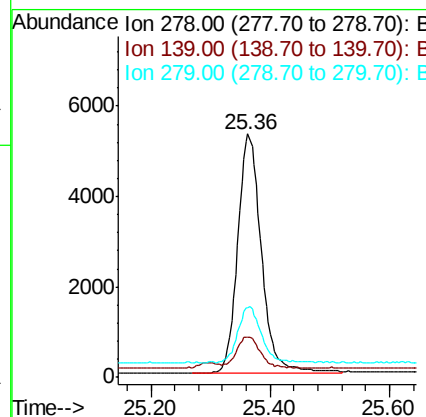
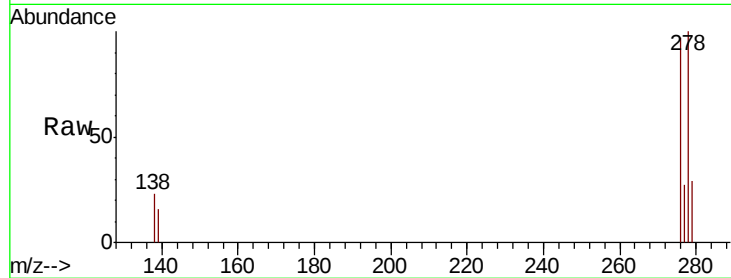
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	278	Resp:	14653
Ion Ratio	Lower	Upper	
278	100		
139	16.4	11.2	16.8
279	28.8	22.6	34.0

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:09 PM



#41

Benzo(g,h,i)perylene

Concen: 0.388 ng

RT: 25.98 min Scan# 3270

Delta R.T. -0.01 min

Lab File: BN011054.D

Acq: 24 Jun 2020 18:37

Tgt Ion:	276	Resp:	14723
Ion Ratio	Lower	Upper	
276	100		
277	25.8	20.4	30.6
138	20.1	15.1	22.7

