

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010193.D
 Acq On : 11 Mar 2020 15:41
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:45:26 PM

Quant Time: Mar 12 07:26:12 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 Mar 11 17:37:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	931	0.40	ng	0.02
7) Naphthalene-d8	10.14	136	2248	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	1462	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	3245	0.40	ng	0.01
27) Chrysene-d12	21.00	240	3050	0.40	ng	0.01
34) Perylene-d12	23.10	264	3222	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	621	0.30	ng	0.02
5) Phenol-d6	6.68	99	1124m	0.45	ng	0.07
8) Nitrobenzene-d5	8.61	82	711	0.38	ng	0.05
11) 2-Methylnaphthalene-d10	11.75	152	1837	0.42	ng	0.02
14) 2,4,6-Tribromophenol	15.56	330	207	0.37	ng	0.02
15) 2-Fluorobiphenyl	12.65	172	2056	0.37	ng	0.02
25) Fluoranthene-d10	18.83	212	4147	0.37	ng	0.00
29) Terphenyl-d14	19.44	244	2697	0.37	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.05	88	329m	0.345	ng	
3) n-Nitrosodimethylamine	3.43	42	786m	0.502	ng	
6) bis(2-Chloroethyl)ether	6.87	93	798	0.326	ng	# 70
9) Naphthalene	10.19	128	2486	0.405	ng	# 93
10) Hexachlorobutadiene	10.43	225	591	0.438	ng	# 98
12) 2-Methylnaphthalene	11.83	142	1743	0.415	ng	96
16) Acenaphthylene	13.73	152	2369	0.380	ng	98
17) Acenaphthene	14.08	154	1781	0.406	ng	97
18) Fluorene	15.08	166	2134	0.369	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	439	0.120	ng	93
21) Hexachlorobenzene	16.09	284	800	0.396	ng	98
22) Pentachlorophenol	16.49	266	165	0.422	ng	94
23) Phenanthrene	16.83	178	3697	0.383	ng	99
24) Anthracene	16.94	178	3028	0.371	ng	99
26) Fluoranthene	18.85	202	4206	0.364	ng	99
28) Pyrene	19.22	202	4310	0.372	ng	99
30) Benzo(a)anthracene	20.99	228	3661	0.362	ng	99
31) Chrysene	21.04	228	4888	0.417	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	2060m	0.417	ng	
33) Indeno(1,2,3-cd)pyrene	25.14	276	4992	0.409	ng	96
35) Benzo(b)fluoranthene	22.49	252	4415	0.375	ng	# 97
36) Benzo(k)fluoranthene	22.53	252	5492	0.428	ng	98
37) Benzo(a)pyrene	23.02	252	4088	0.380	ng	# 93
38) Dibenzo(a,h)anthracene	25.15	278	3780	0.357	ng	96
39) Benzo(g,h,i)perylene	25.76	276	4529	0.402	ng	98

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

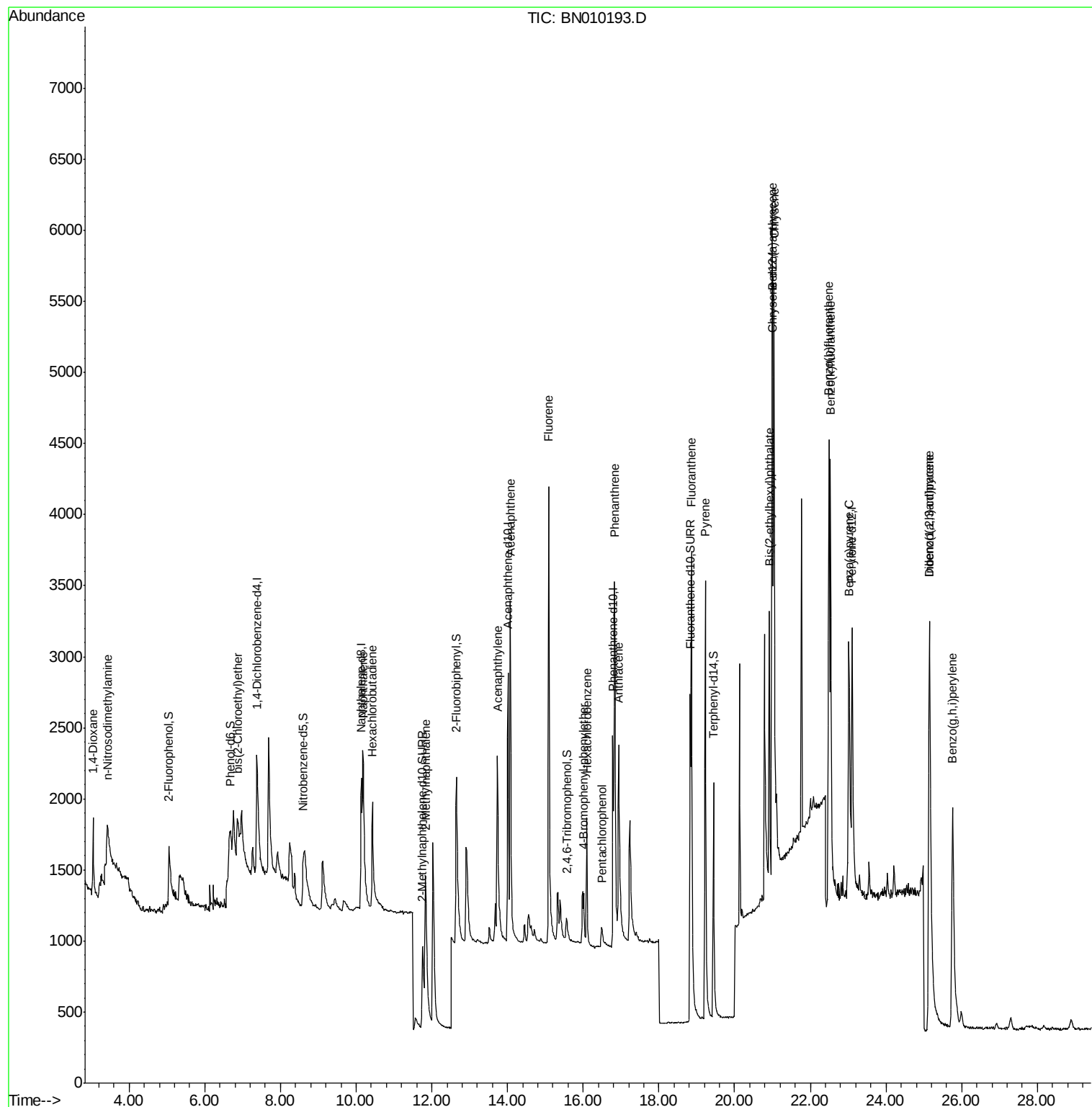
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010193.D
Acq On : 11 Mar 2020 15:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

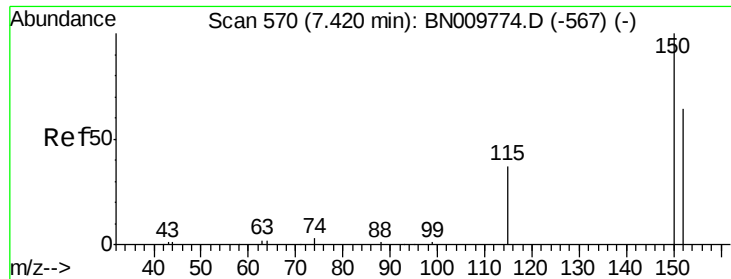
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 12 07:26:12 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 Mar 11 17:37:44 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM





#1

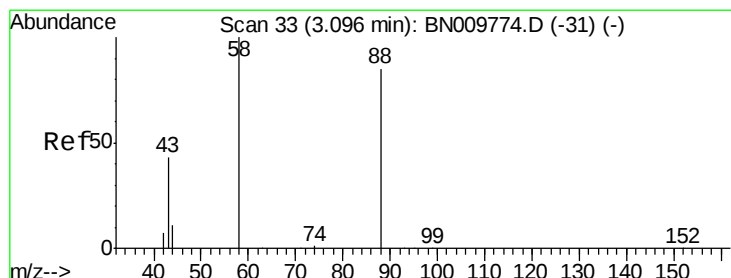
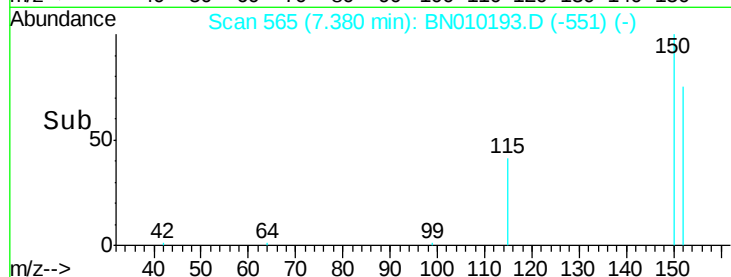
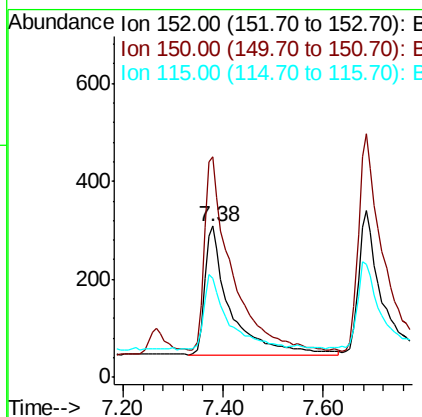
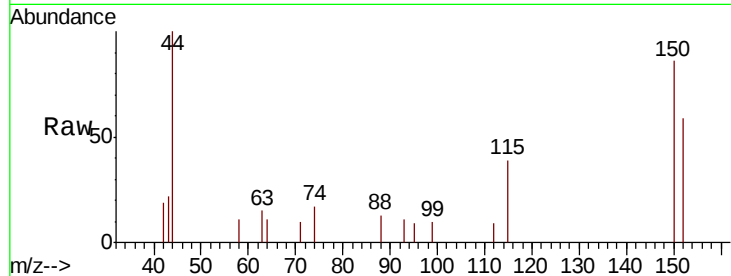
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.6	120.6	181.0
115	65.7	51.2	76.8

Manual Integrations
APPROVED

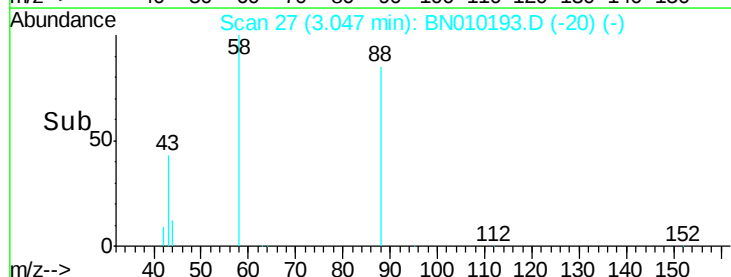
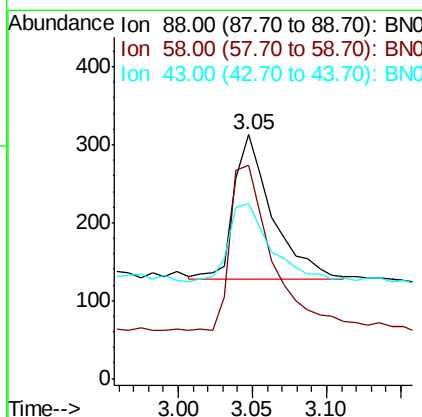
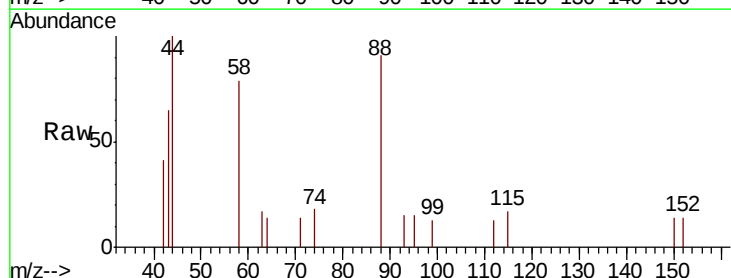
mohammad
3/16/2020 1:45:26 PM

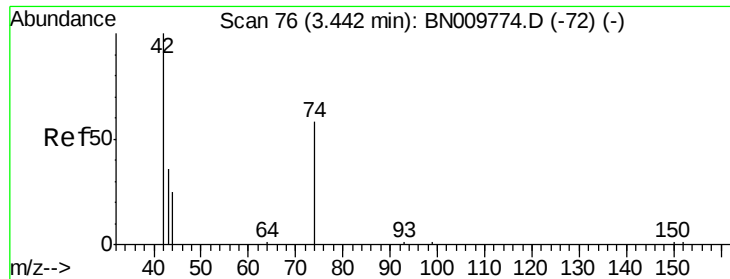


#2

1,4-Dioxane
Concen: 0.345 ng m
RT: 3.05 min Scan# 27
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	120.1	97.8	146.8
43	54.1	45.1	67.7





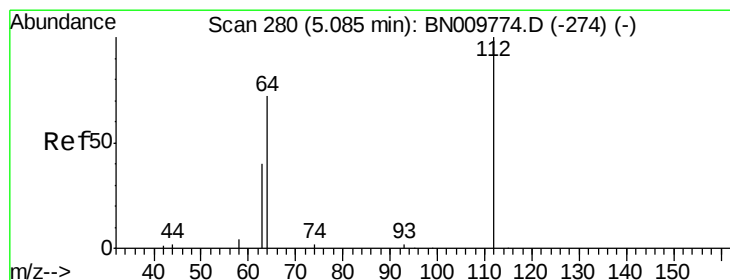
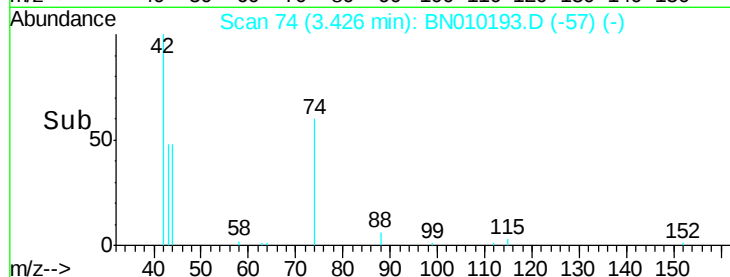
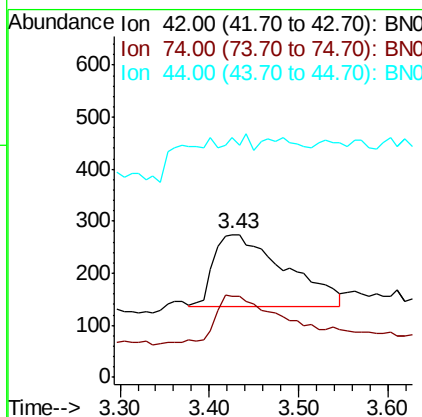
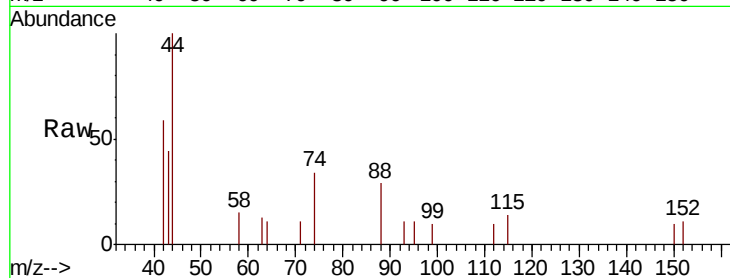
#3
n-Nitrosodimethylamine
Concen: 0.502 ng/ml
RT: 3.43 min Scan# 74
Delta R.T. 0.04 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:	42	Resp:	786
Ion Ratio	Lower	Upper	
42	100		
74	0.0	51.2	76.8#
44	14.9	2.6	4.0#

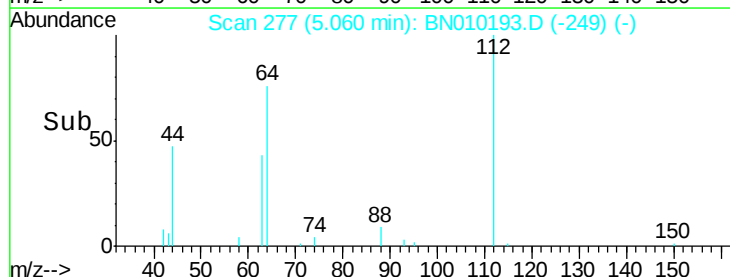
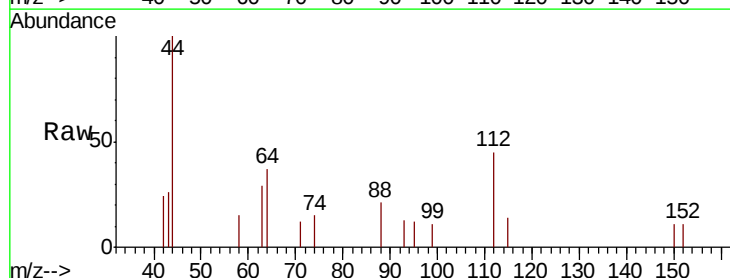
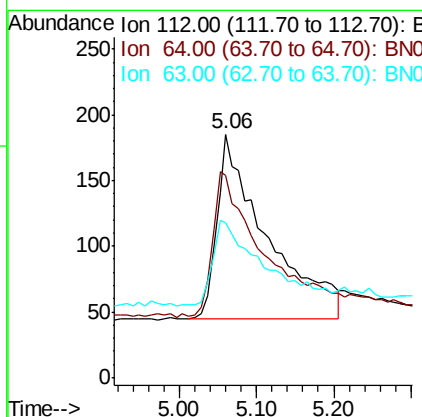
Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM



#4
2-Fluorophenol
Concen: 0.300 ng/ml
RT: 5.06 min Scan# 277
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:	112	Resp:	621
Ion Ratio	Lower	Upper	
112	100		
64	84.7	65.8	98.6
63	48.8	38.7	58.1





#5

Phenol-d6

Concen: 0.446 ng/ml

RT: 6.68 min Scan# 478

Delta R.T. 0.07 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

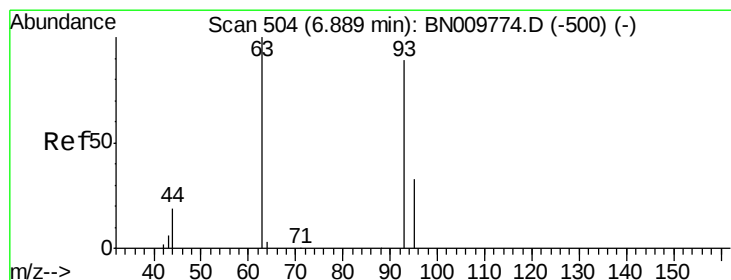
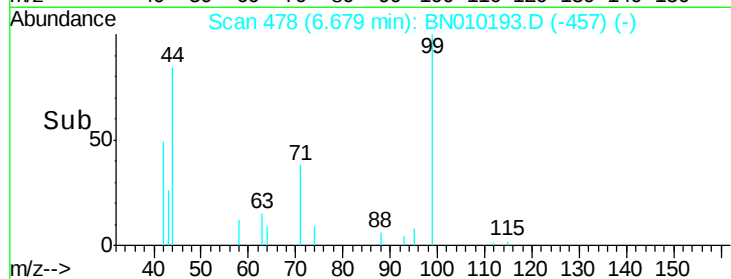
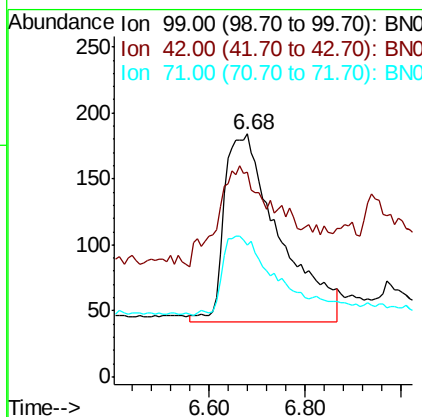
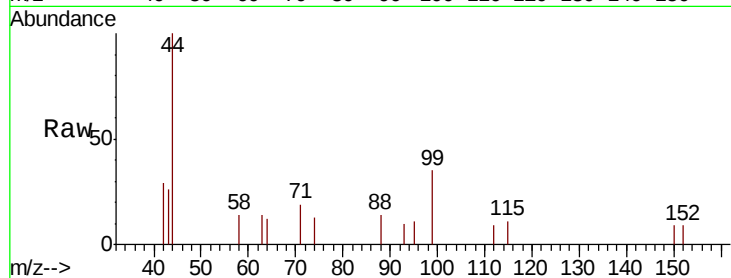
ClientSampleId :

SSTDCCC0.4

Tot Ion:	99	Resp:	1124
Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	0.0	34.9	52.3#

Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.326 ng/ml

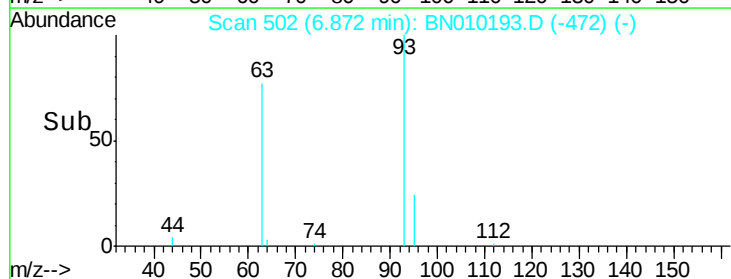
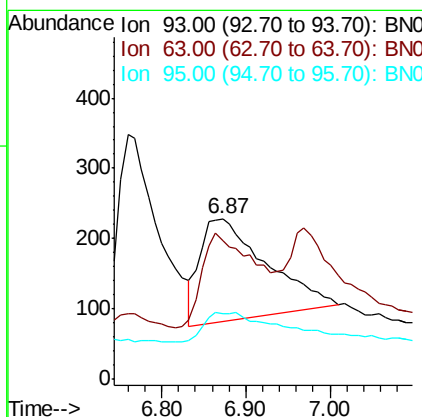
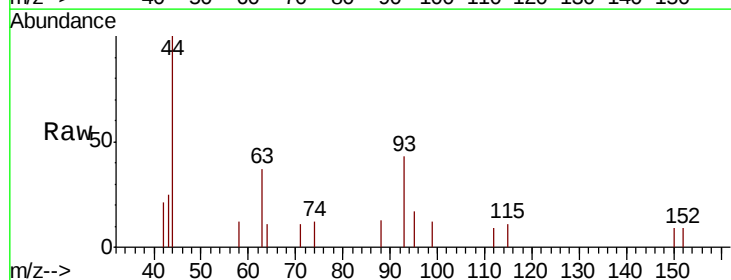
RT: 6.87 min Scan# 502

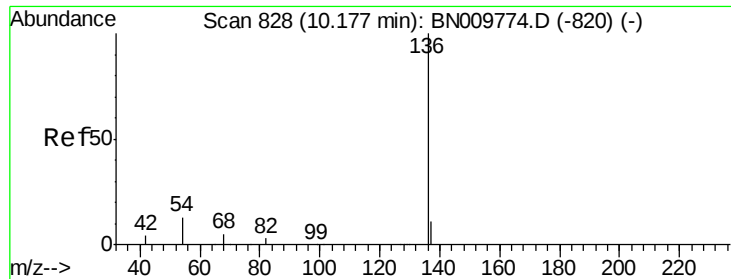
Delta R.T. 0.04 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Tgt Ion:	93	Resp:	798
Ion	Ratio	Lower	Upper
93	100		
63	73.3	74.0	111.0#
95	0.0	26.7	40.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. 0.03 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

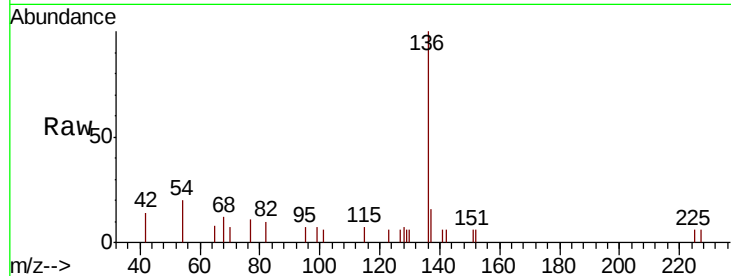
ClientSampleId :

SSTDCCC0.4

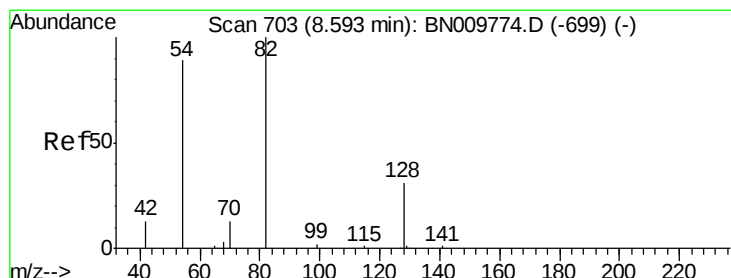
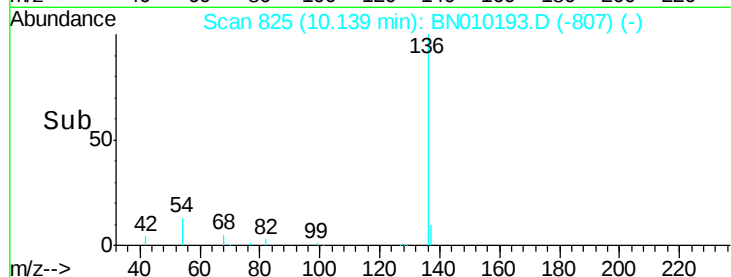
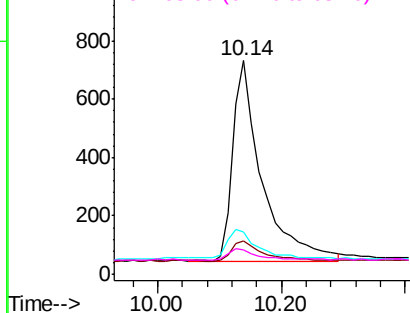
Tot Ion	Ratio	Lower	Upper
136	100		
137	15.7	11.3	16.9
54	19.7	13.4	20.2
68	11.6	7.0	10.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 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: 0.380 ng

RT: 8.61 min Scan# 704

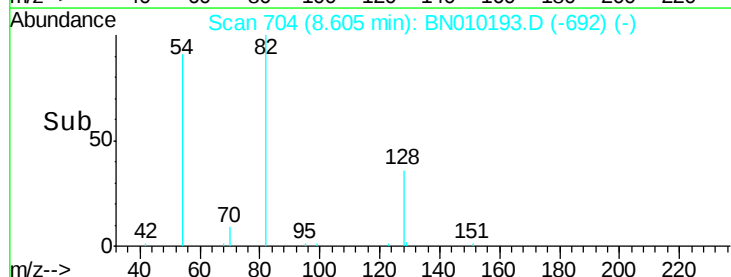
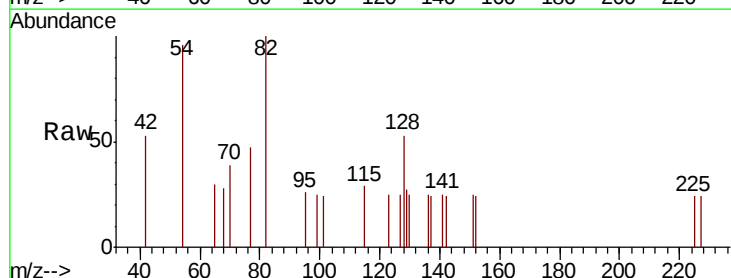
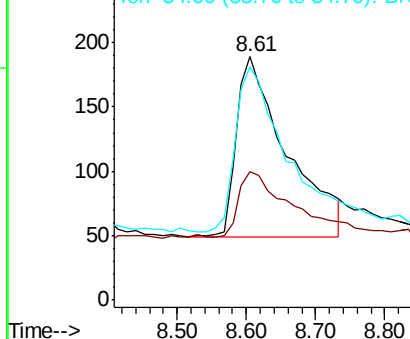
Delta R.T. 0.05 min

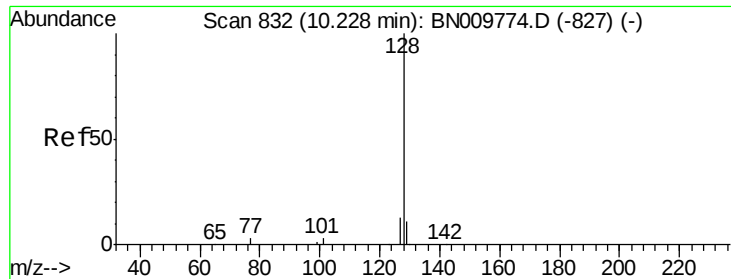
Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.9	32.5	48.7
54	95.8	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: 0.405 ng

RT: 10.19 min Scan# 829

Delta R.T. 0.03 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

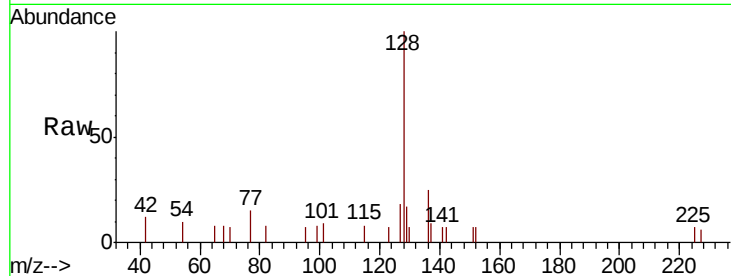
ClientSampleId :

SSTDCCC0.4

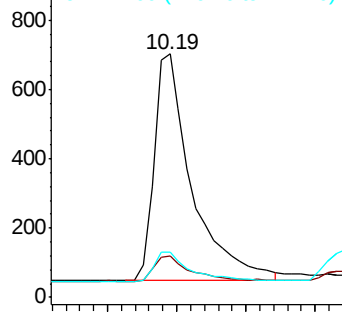
Tot Ion:	128	Resp:	2486
Ion Ratio	Lower	Upper	
128	100		
129	16.8	11.1	16.7#
127	18.3	12.6	19.0

Manual Integrations
APPROVED

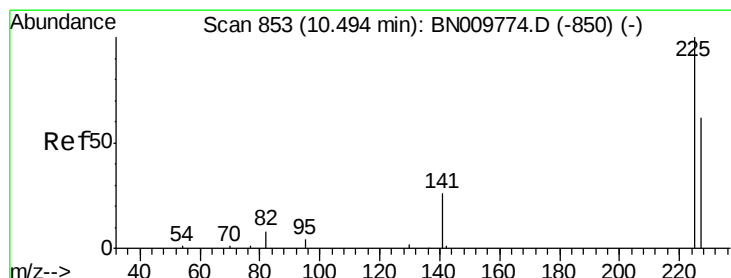
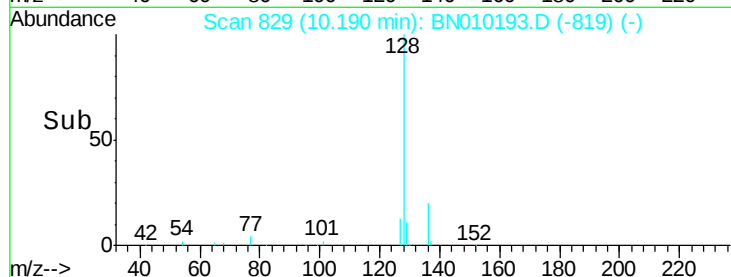
mohammad
3/16/2020 1:45:26 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.438 ng

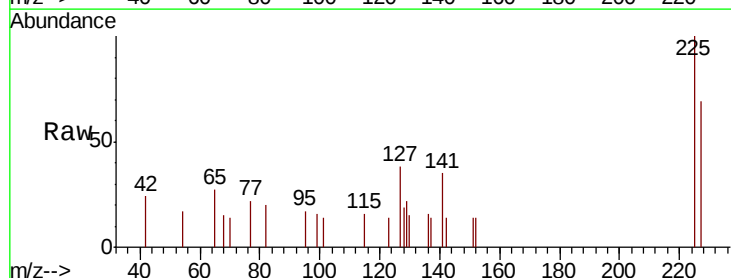
RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

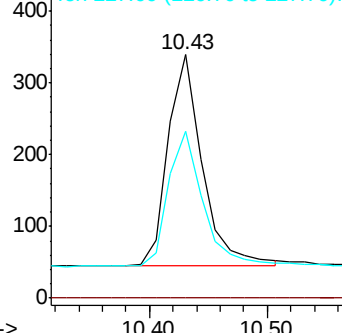
Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

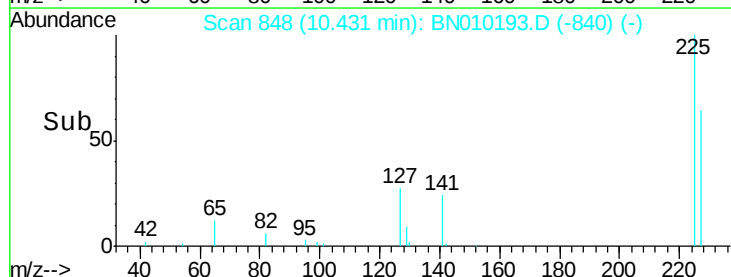
Tgt Ion:	225	Resp:	591
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.8	53.4	80.2

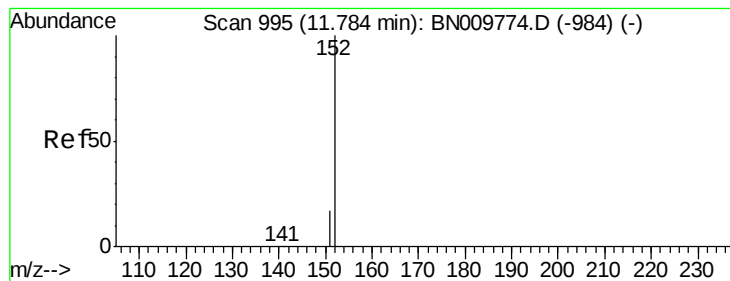


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



Time-->





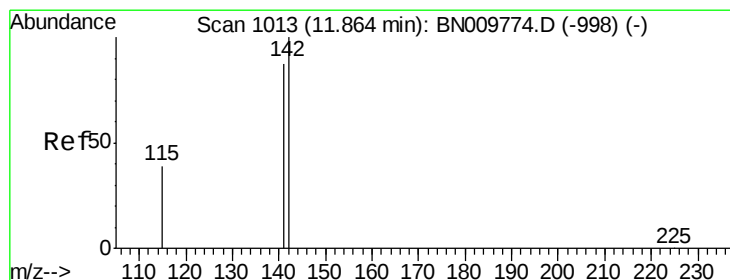
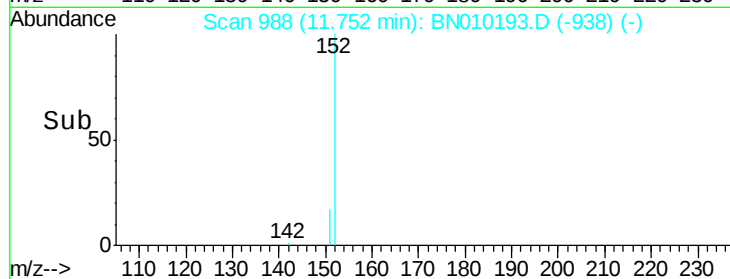
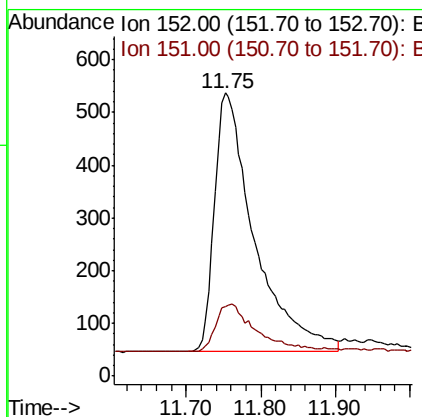
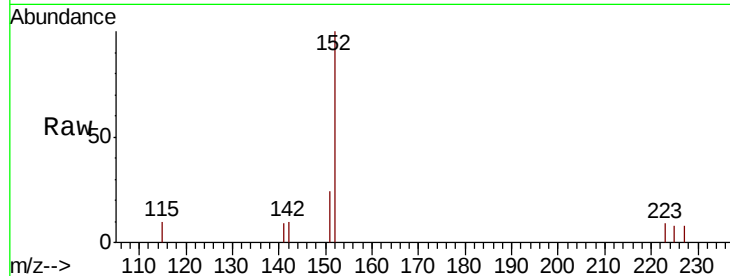
#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 11.75 min Scan# 988
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7

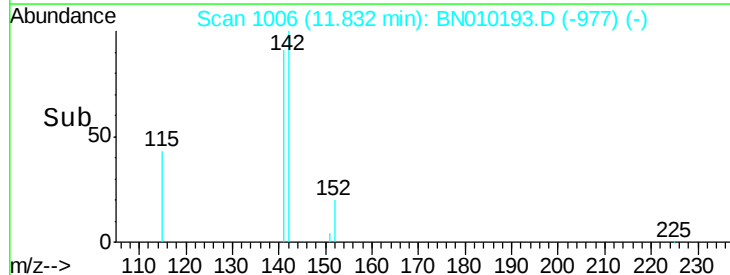
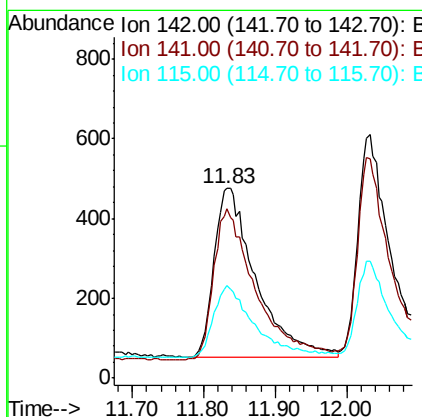
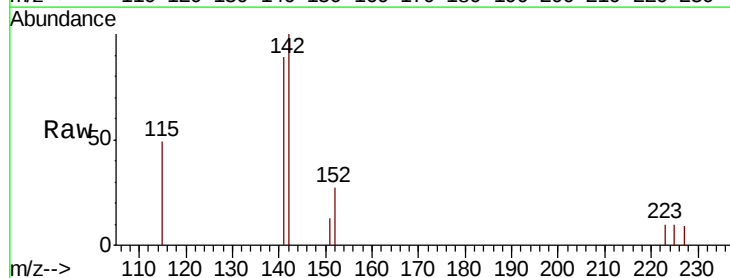
Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM



#12
2-Methylnaphthalene
Concen: 0.415 ng
RT: 11.83 min Scan# 1006
Delta R.T. 0.03 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.8	104.6
115	48.9	34.6	52.0





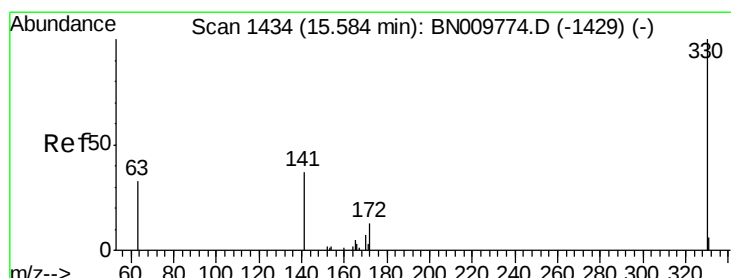
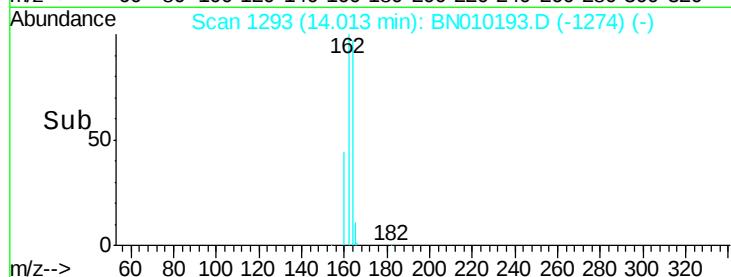
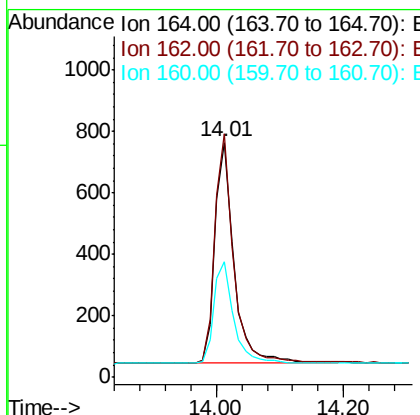
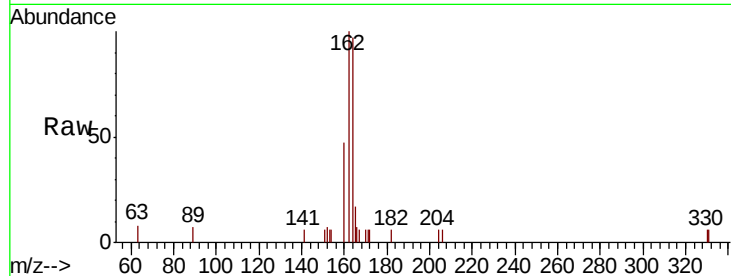
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.9	119.9
160	49.0	38.2	57.2

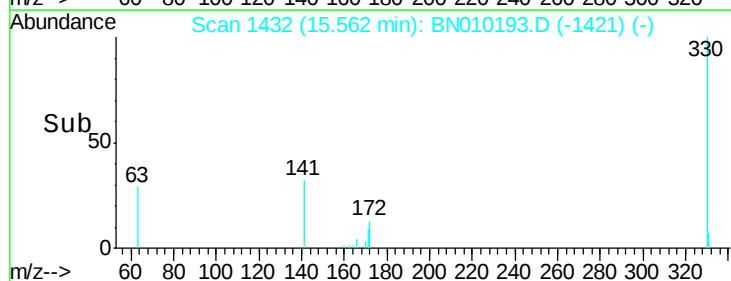
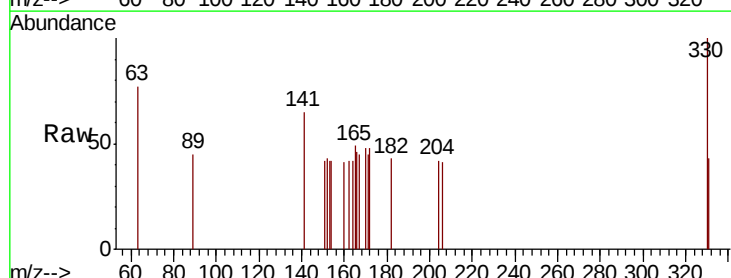
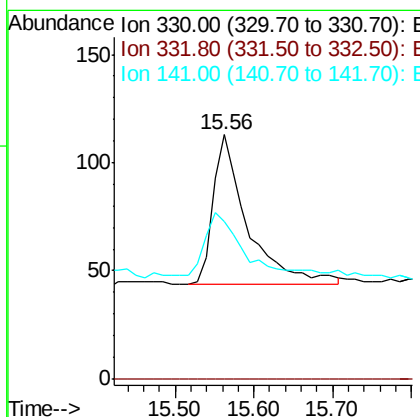
Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.56 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.9	36.8	55.2





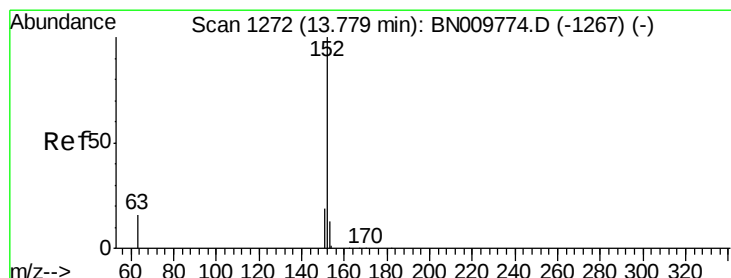
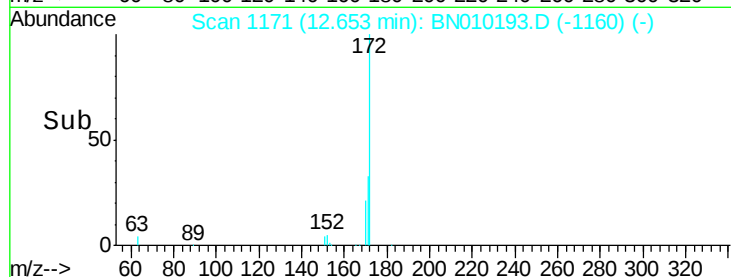
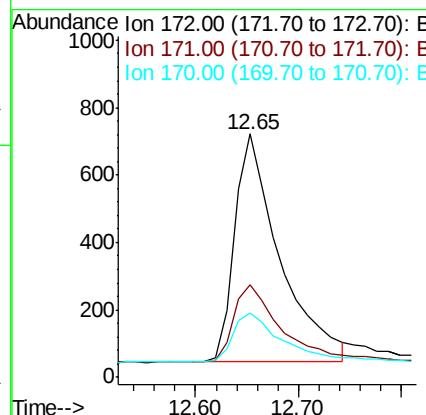
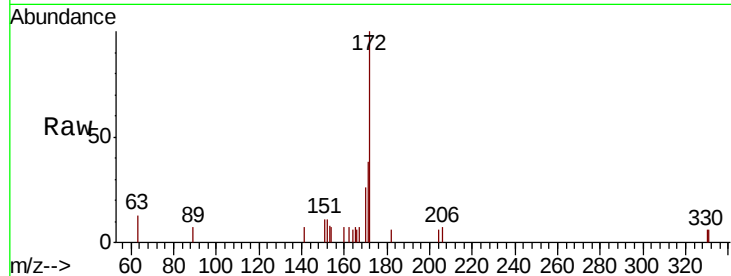
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.65 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:172	Resp:	2056
Ion Ratio	Lower	Upper
172	100	
171	37.8	28.7 43.1
170	26.2	20.1 30.1

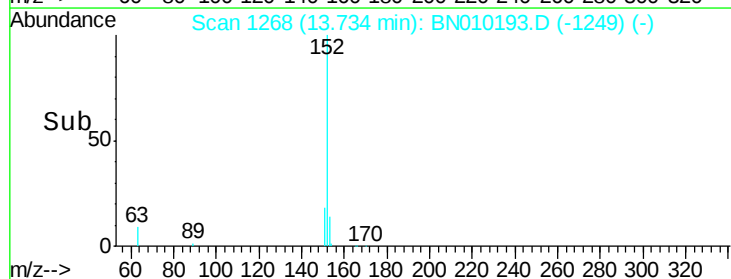
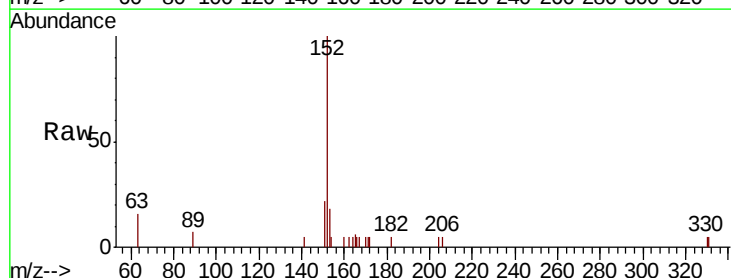
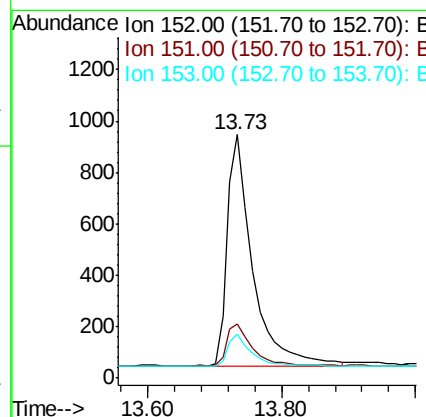
Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM



#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.73 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:152	Resp:	2369
Ion Ratio	Lower	Upper
152	100	
151	18.6	15.8 23.6
153	13.4	10.2 15.4





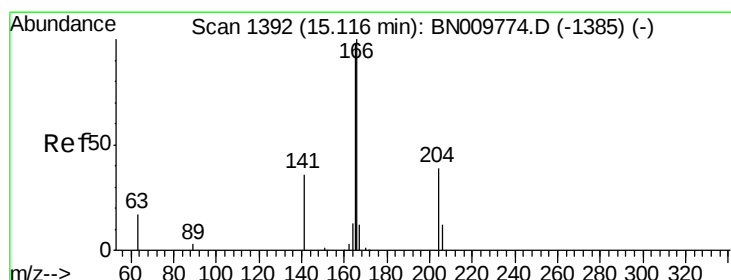
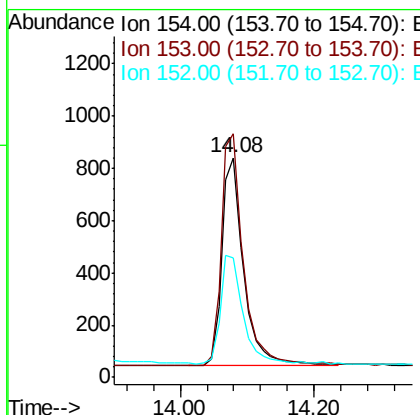
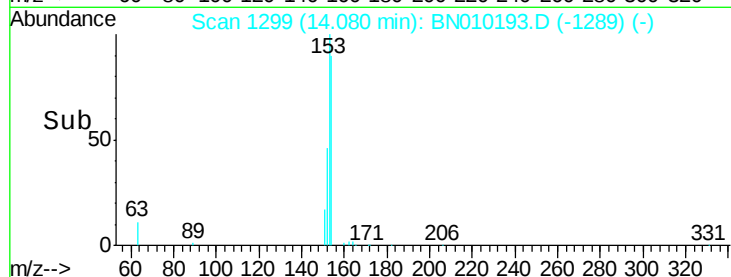
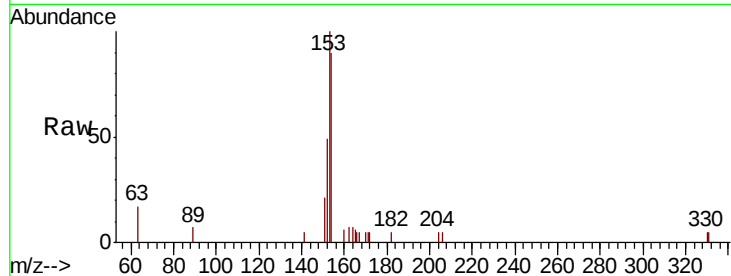
#17
Acenaphthene
Concen: 0.406 ng
RT: 14.08 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	88.9	133.3
152	54.1	44.2	66.2

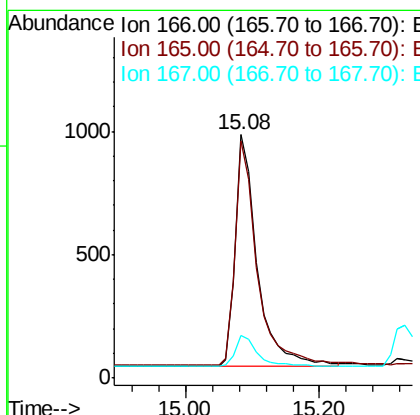
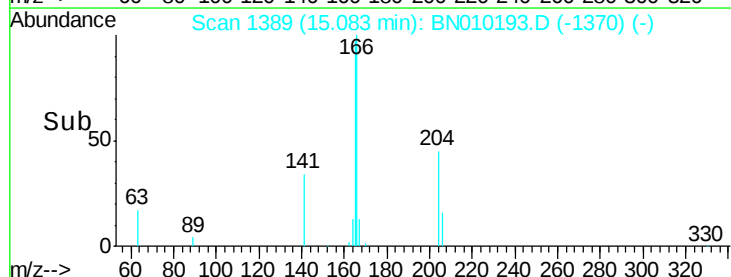
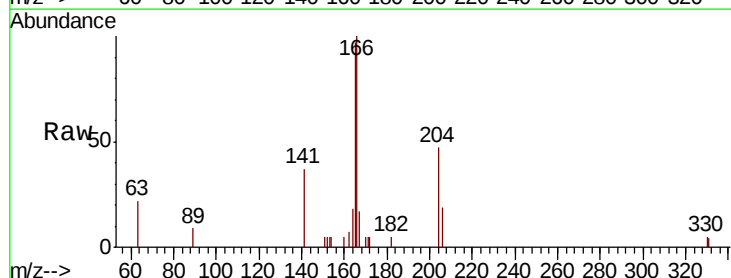
Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM



#18
Fluorene
Concen: 0.369 ng
RT: 15.08 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.2	115.8
167	14.0	10.5	15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

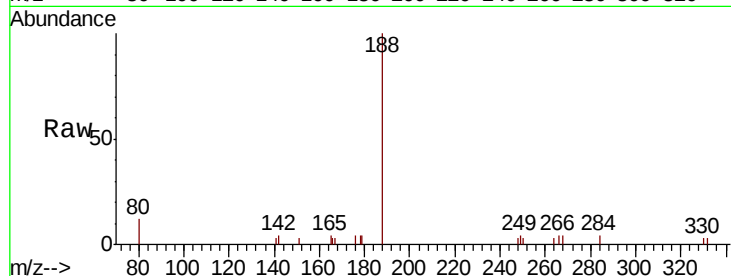
ClientSampleId :

SSTDCCC0.4

Tot Ion:	188	Resp:	3245
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.2	8.3	12.5

Manual Integrations
APPROVED

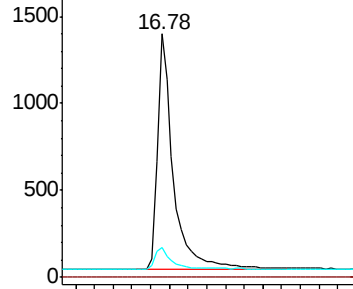
mohammad
3/16/2020 1:45:26 PM



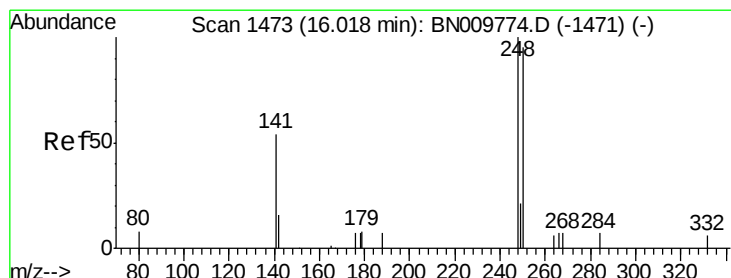
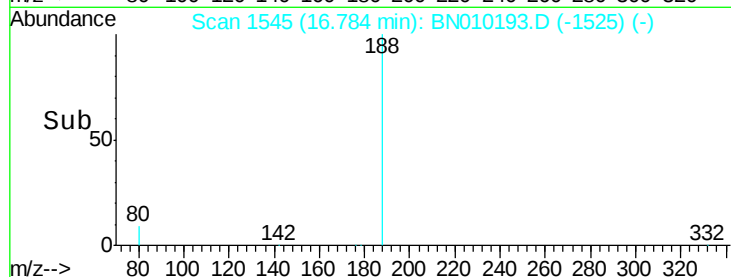
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time--> 16.60 16.80 17.00



#20

4-Bromophenyl-phenylether

Concen: 0.120 ng

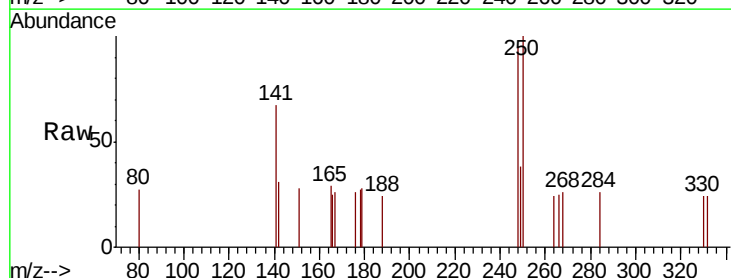
RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

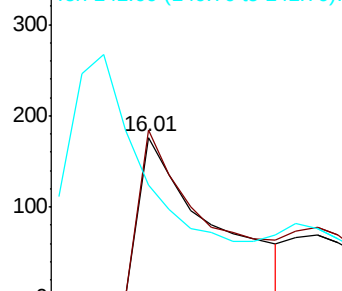
Tgt Ion:	248	Resp:	439
Ion Ratio	Lower	Upper	
248	100		
250	105.1	76.2	114.4
141	70.5	57.8	86.6



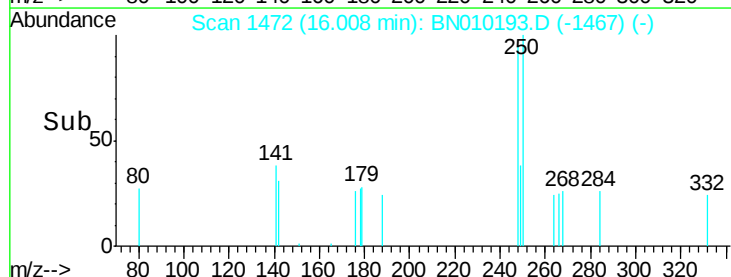
Abundance Ion 248.00 (247.70 to 248.70): E

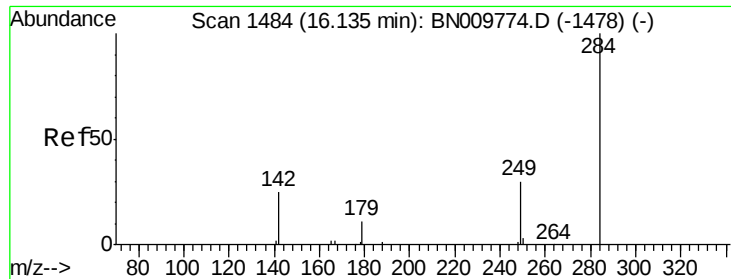
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.00 16.05





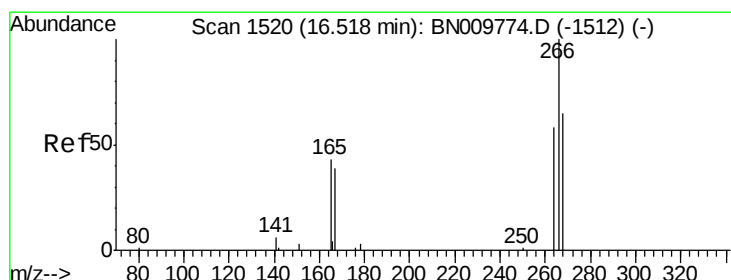
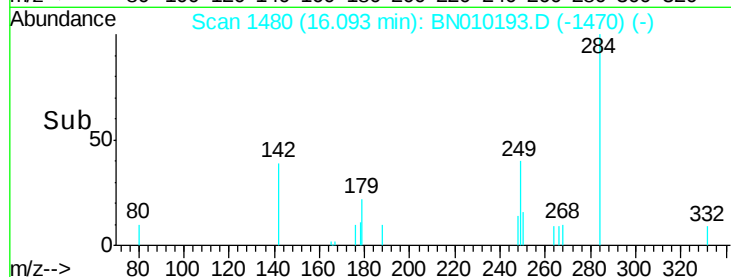
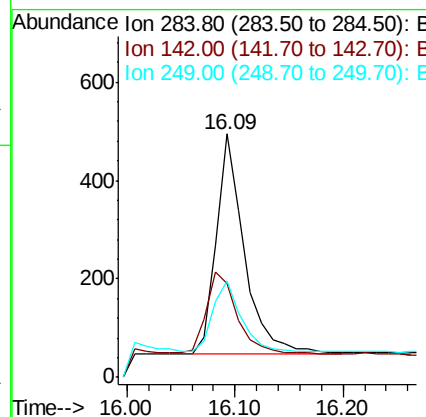
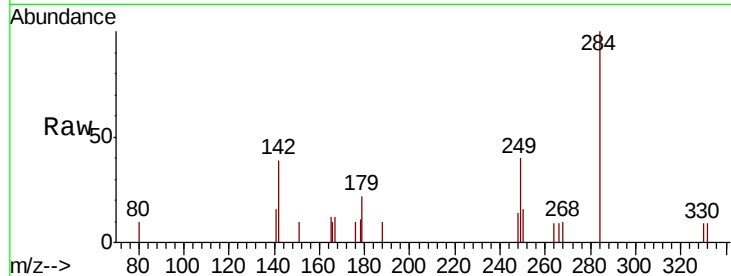
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.09 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.6	33.3	49.9
249	34.8	25.7	38.5

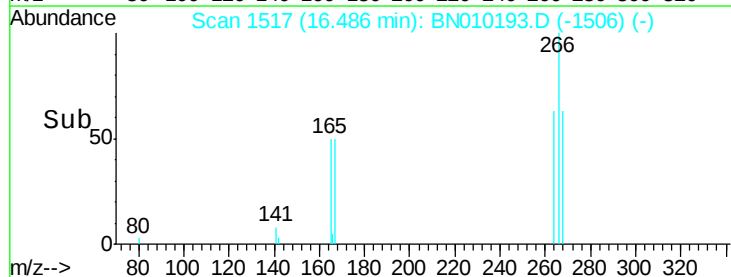
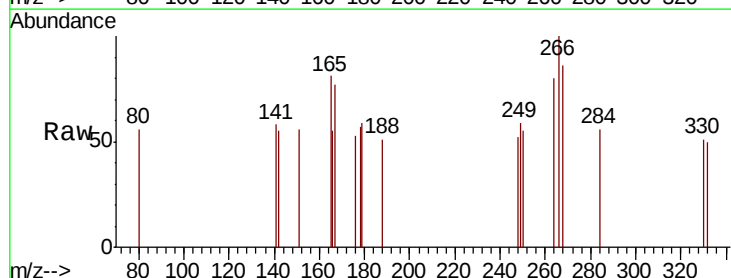
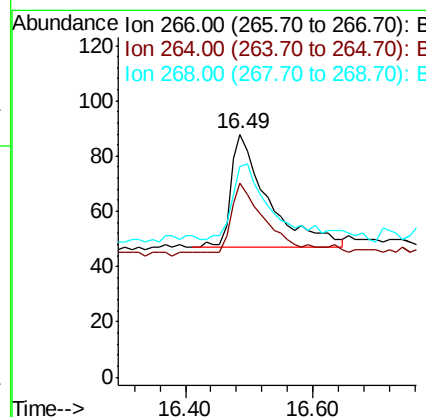
Manual Integrations
APPROVED

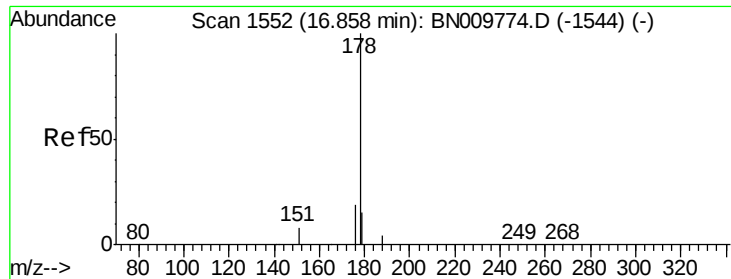
mohammad
3/16/2020 1:45:26 PM



#22
Pentachlorophenol
Concen: 0.422 ng
RT: 16.49 min Scan# 1517
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion	Ratio	Lower	Upper
266	100		
264	79.5	58.1	87.1
268	86.4	65.7	98.5





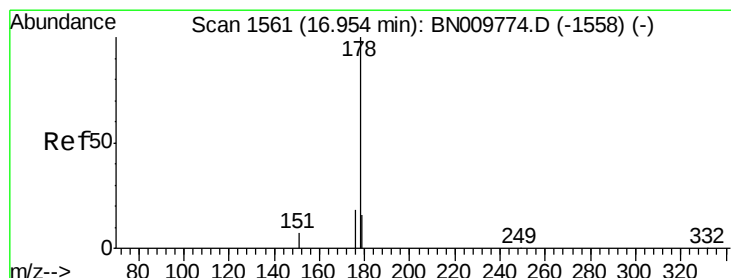
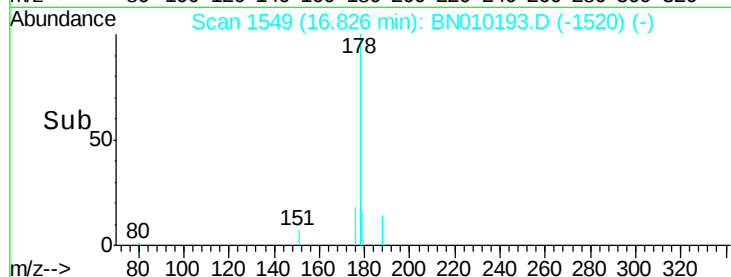
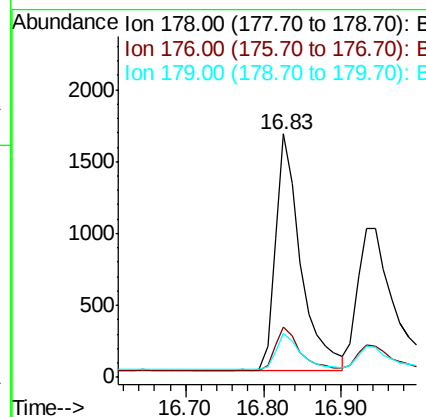
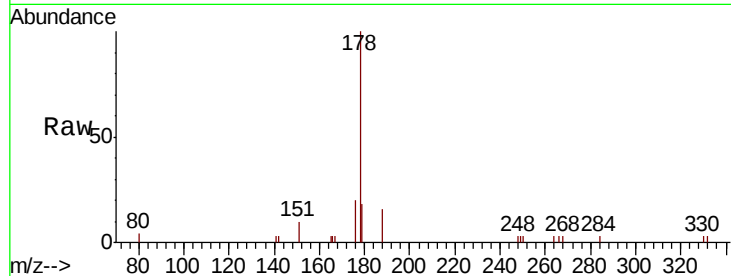
#23
Phenanthrene
Concen: 0.383 ng
RT: 16.83 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:178	Resp:	3697
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.3 22.9
179	15.5	12.4 18.6

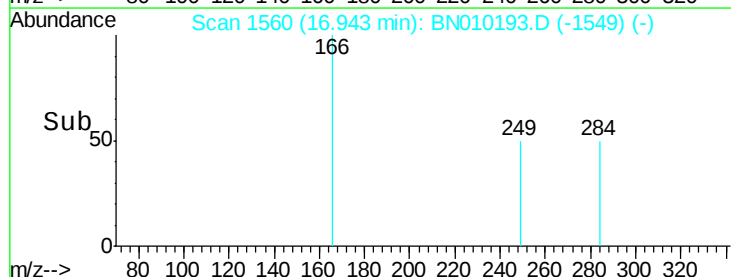
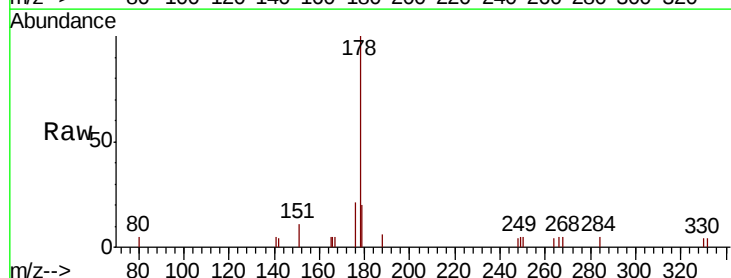
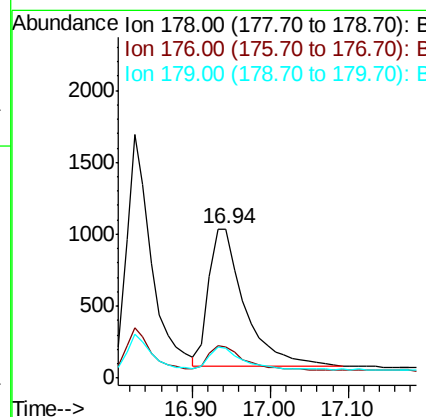
Manual Integrations
APPROVED

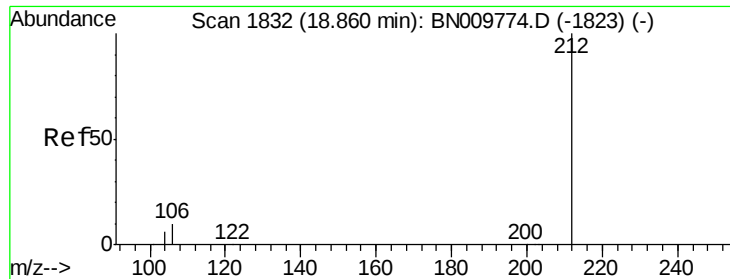
mohammad
3/16/2020 1:45:26 PM



#24
Anthracene
Concen: 0.371 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:178	Resp:	3028
Ion Ratio	Lower	Upper
178	100	
176	17.7	14.3 21.5
179	15.2	12.4 18.6





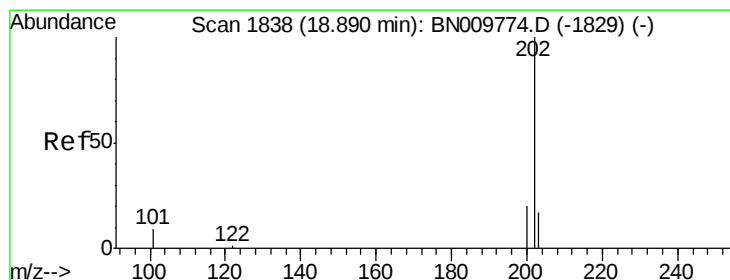
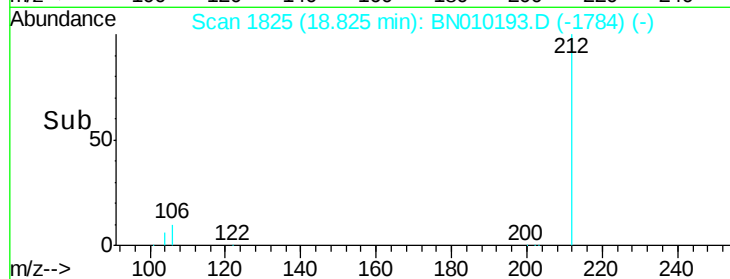
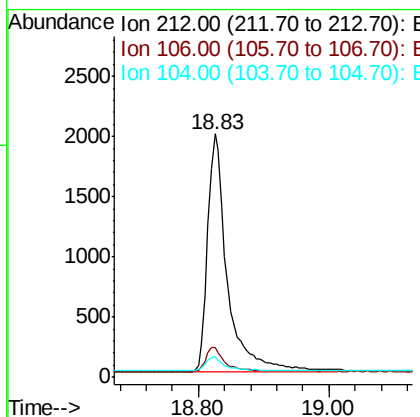
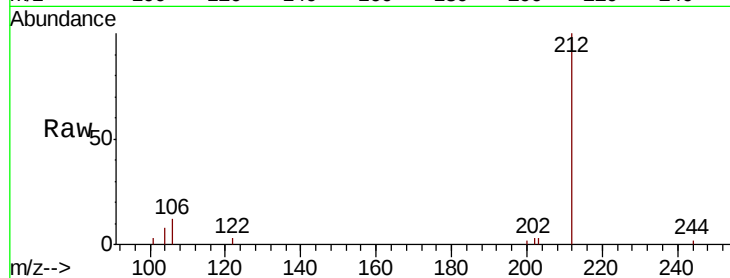
#25
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 18.83 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BN010193.D
 Acq: 11 Mar 2020 15:41

Instrument :
 BNA_N
 ClientSampled :
 SSTDCCC0.4

Tot Ion:	212	Resp:	4147
Ion Ratio	Lower	Upper	
212	100		
106	9.8	8.4	12.6
104	5.8	4.8	7.2

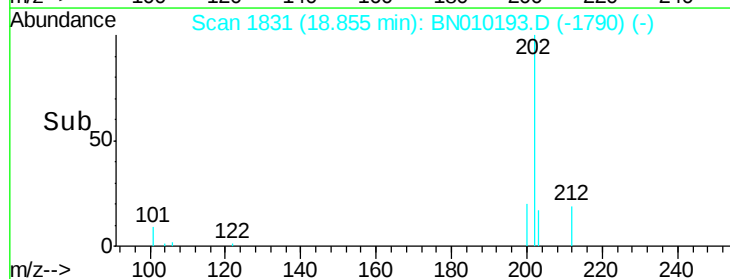
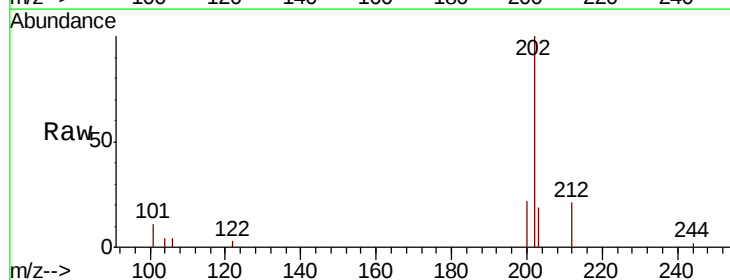
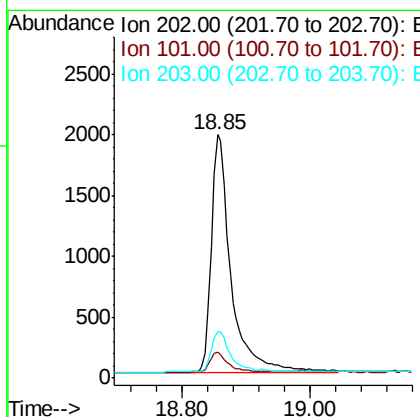
Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:45:26 PM



#26
 Fluoranthene
 Concen: 0.364 ng
 RT: 18.85 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: BN010193.D
 Acq: 11 Mar 2020 15:41

Tgt Ion:	202	Resp:	4206
Ion Ratio	Lower	Upper	
202	100		
101	8.3	7.1	10.7
203	17.0	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

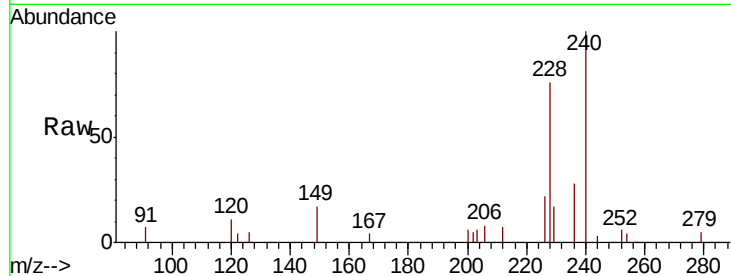
ClientSampleId :

SSTDCCC0.4

Tot Ion:	240	Resp:	3050
Ion Ratio	Lower	Upper	
240	100		
120	11.2	7.9	11.9
236	28.5	22.0	33.0

Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM

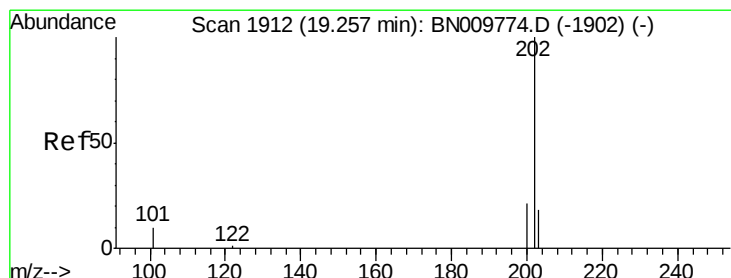
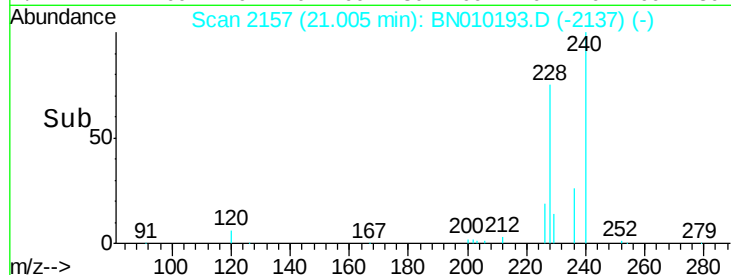
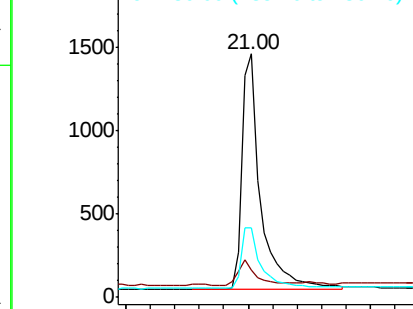


Abundance

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: 0.372 ng

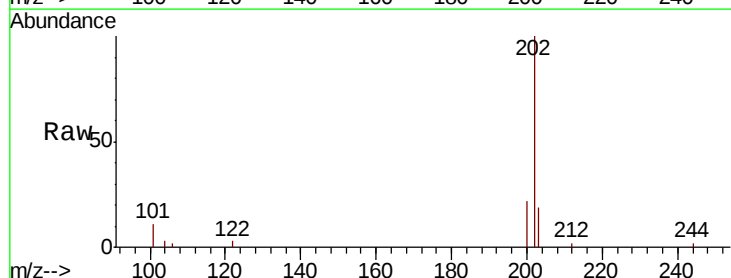
RT: 19.22 min Scan# 1905

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Tgt Ion:	202	Resp:	4310
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.4	24.6
203	16.9	13.9	20.9

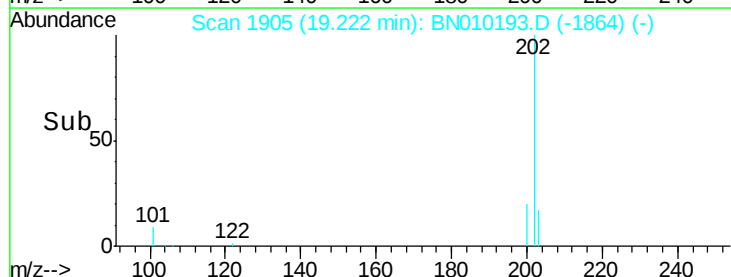
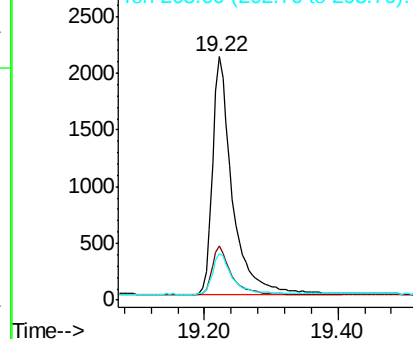


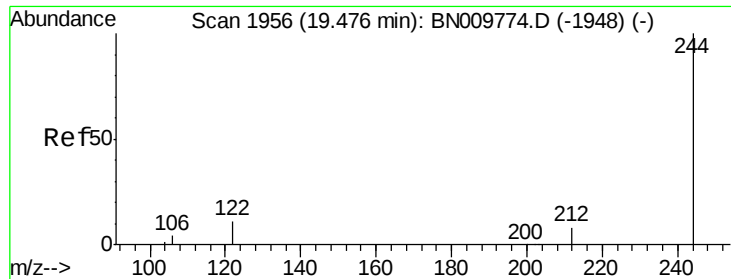
Abundance

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: 0.370 ng

RT: 19.44 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

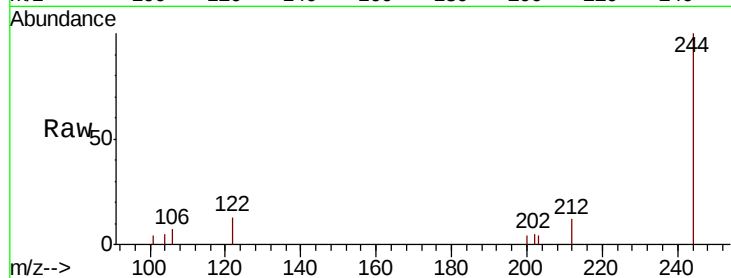
ClientSampleId :

SSTDCCC0.4

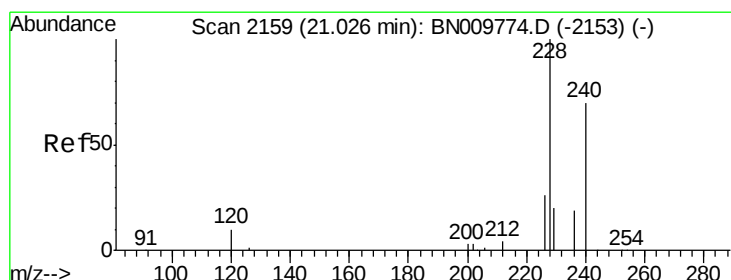
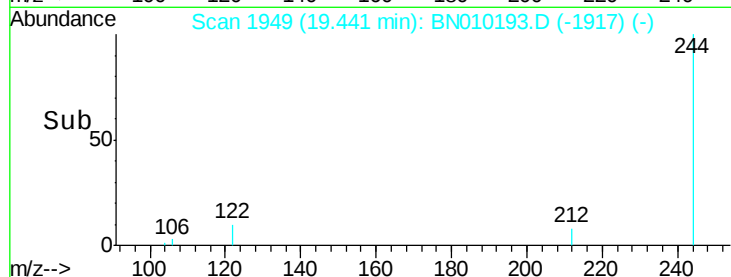
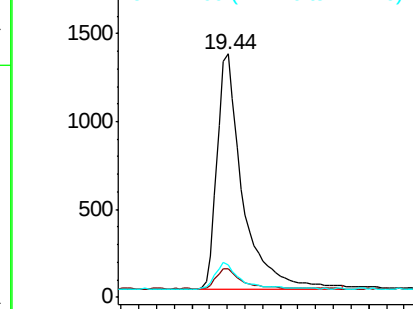
Tot Ion:	244	Resp:	2697
Ion Ratio	Lower	Upper	
244	100		
212	11.6	8.0	12.0
122	13.2	10.0	15.0

Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.362 ng

RT: 20.99 min Scan# 2156

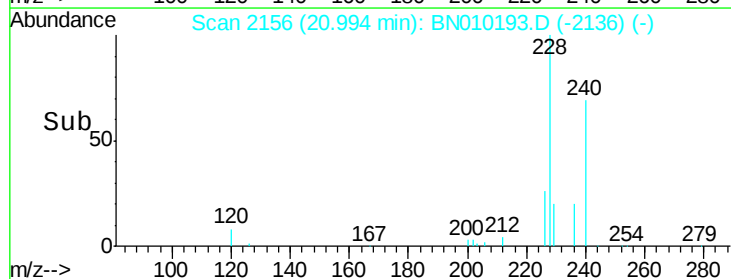
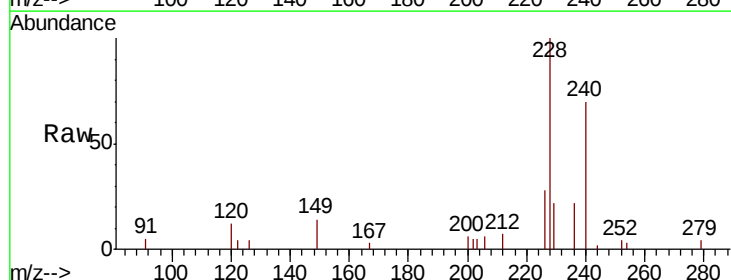
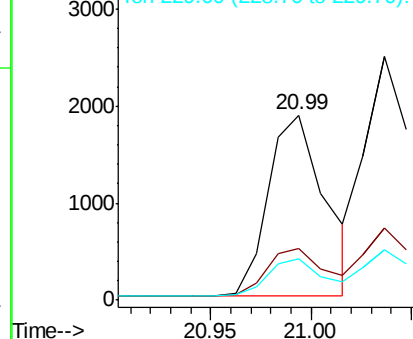
Delta R.T. 0.01 min

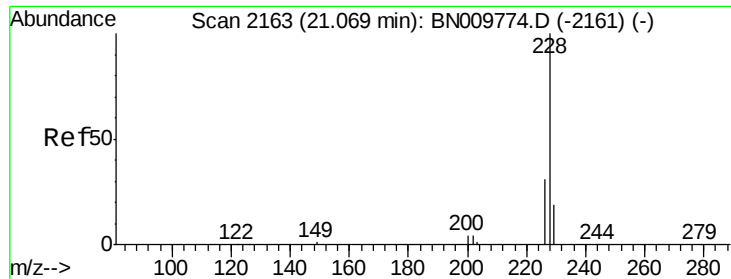
Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Tgt Ion:	228	Resp:	3661
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.8
229	22.1	17.1	25.7

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.417 ng

RT: 21.04 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

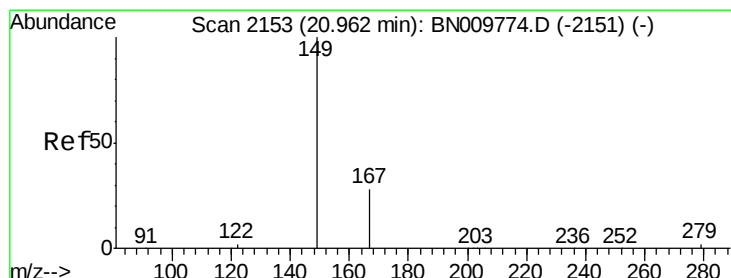
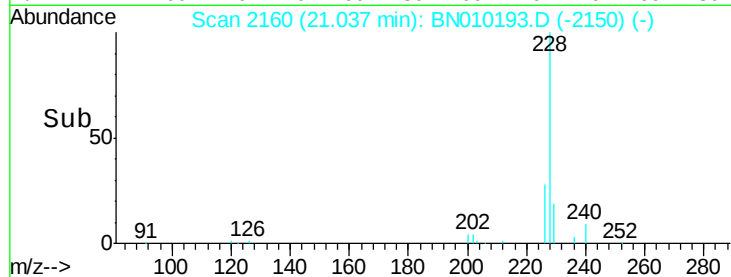
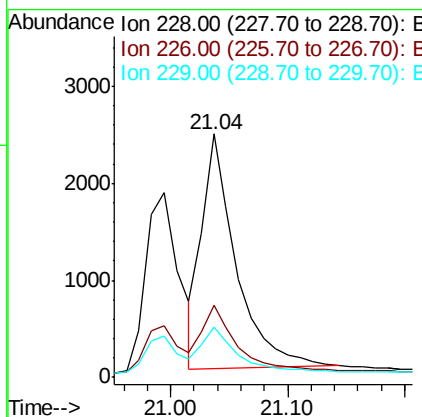
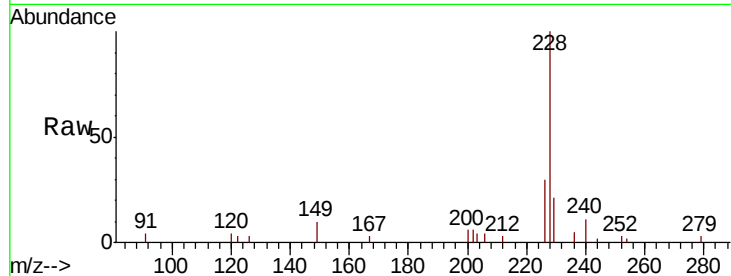
ClientSampleId :

SSTDCCC0.4

Tot Ion:	228	Resp:	4888
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	20.8	16.4	24.6

Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.417 ng m

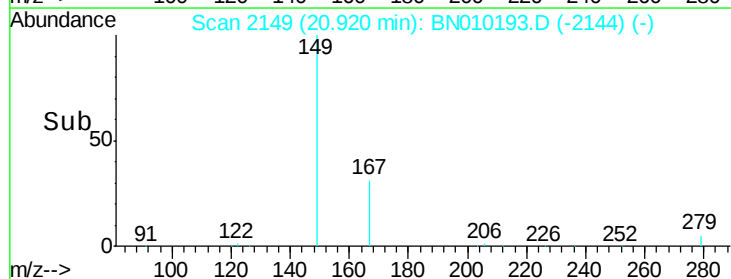
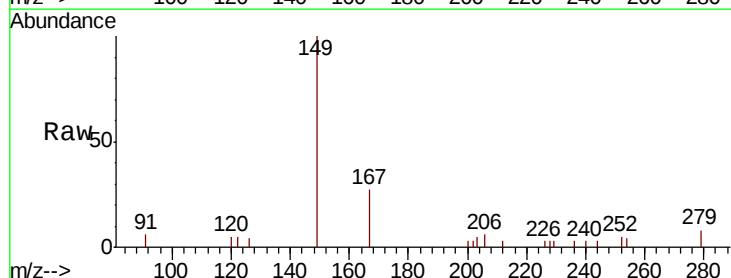
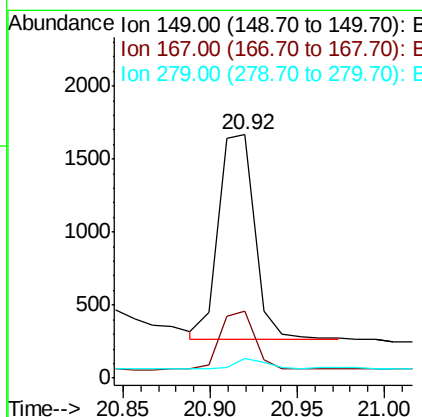
RT: 20.92 min Scan# 2149

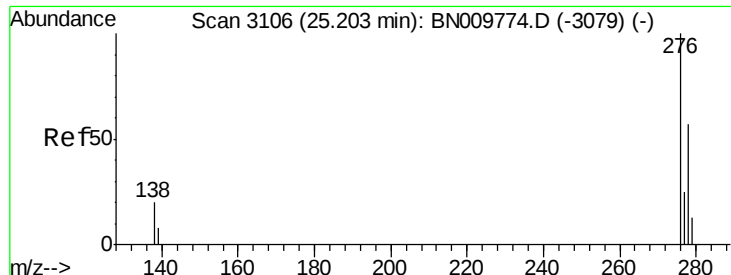
Delta R.T. 0.00 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Tgt Ion:	149	Resp:	2060
Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.7	34.1
279	3.9	3.1	4.7





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.409 ng

RT: 25.14 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

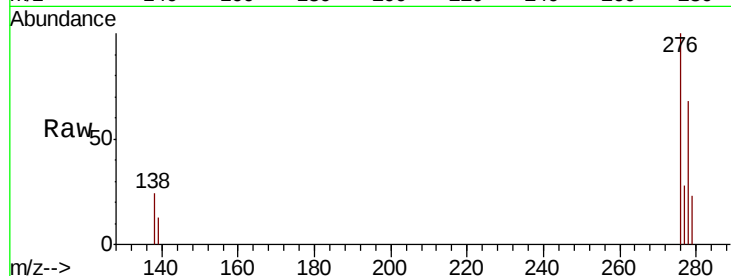
ClientSampleId :

SSTDCCC0.4

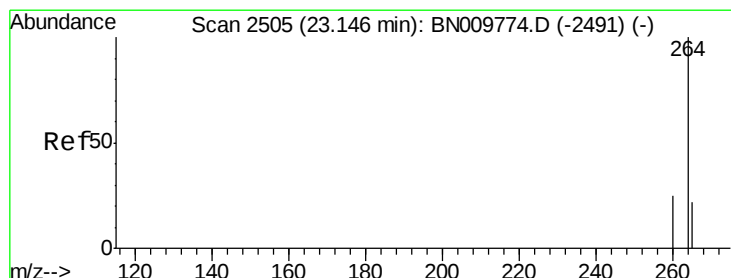
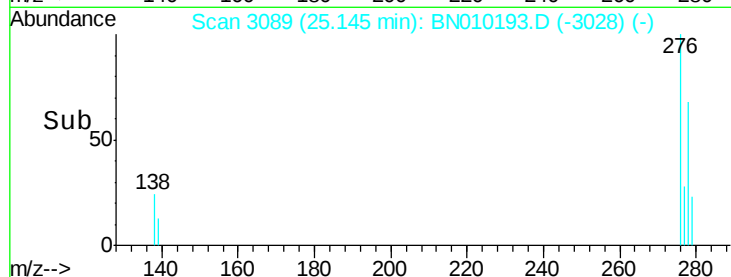
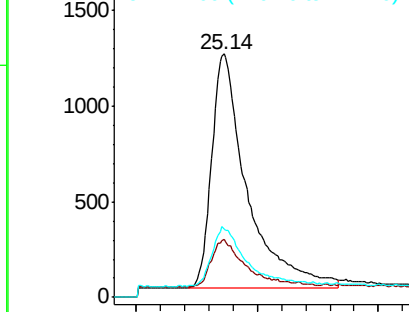
Tot Ion:	276	Resp:	4992
Ion Ratio	Lower	Upper	
276	100		
138	17.5	15.8	23.6
277	22.3	19.3	28.9

Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 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

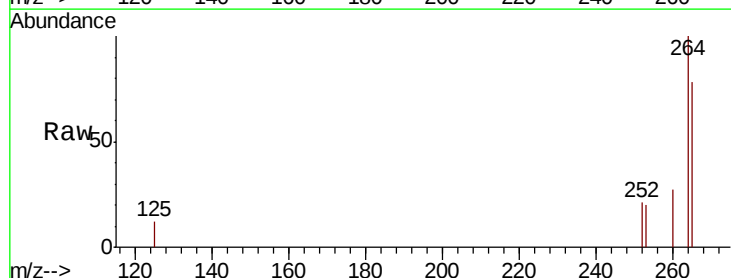
RT: 23.10 min Scan# 2493

Delta R.T. 0.01 min

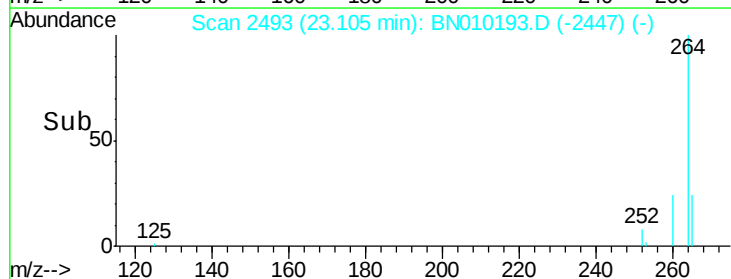
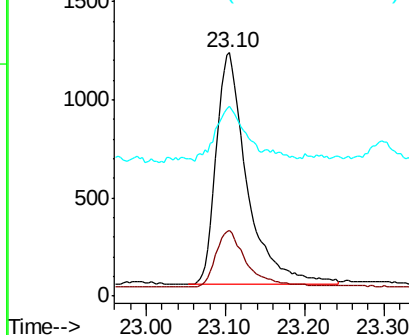
Lab File: BN010193.D

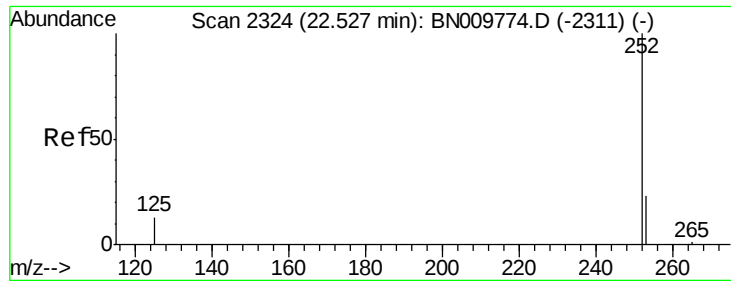
Acq: 11 Mar 2020 15:41

Tgt Ion:	264	Resp:	3222
Ion Ratio	Lower	Upper	
264	100		
260	27.1	21.1	31.7
265	77.8	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





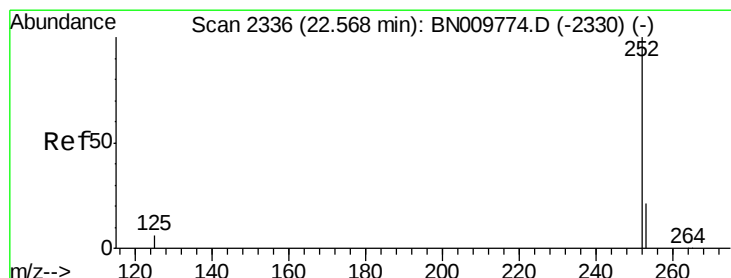
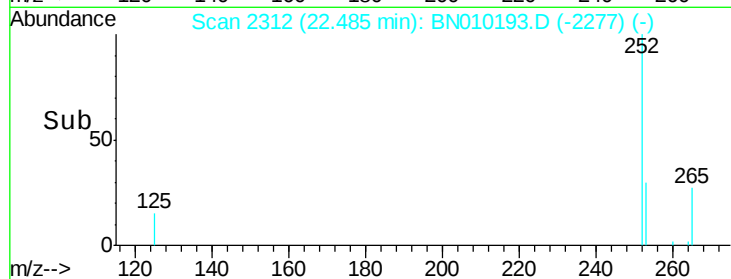
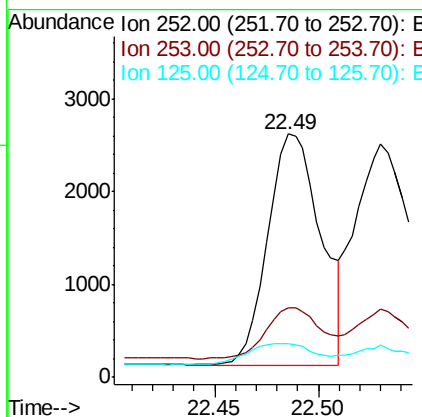
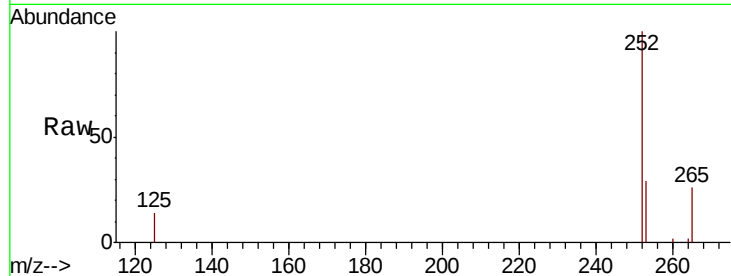
#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.49 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.8	23.0	34.6
125	14.1	14.4	21.6

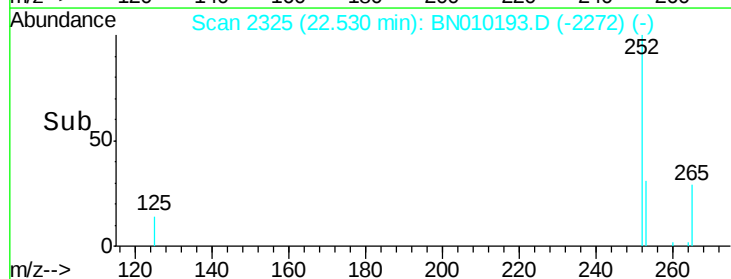
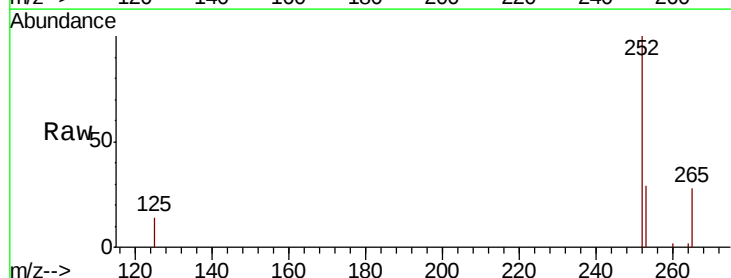
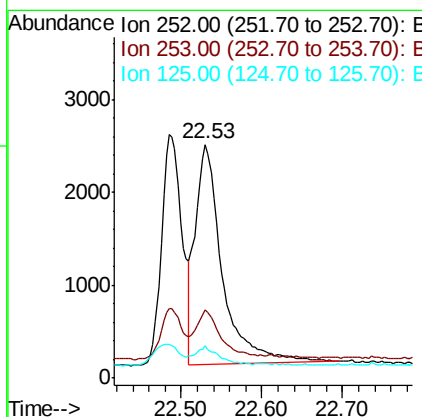
Manual Integrations
APPROVED

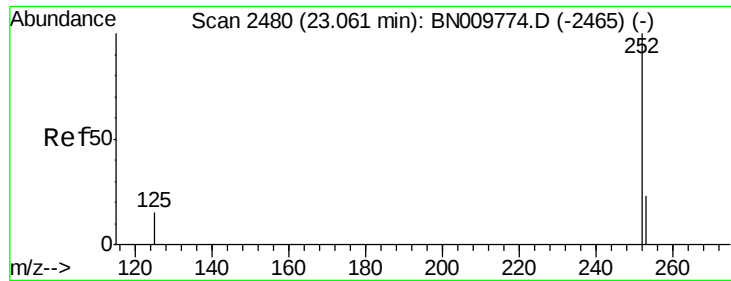
mohammad
3/16/2020 1:45:26 PM



#36
Benzo(k)fluoranthene
Concen: 0.428 ng
RT: 22.53 min Scan# 2325
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	22.2	33.2
125	13.6	10.5	15.7





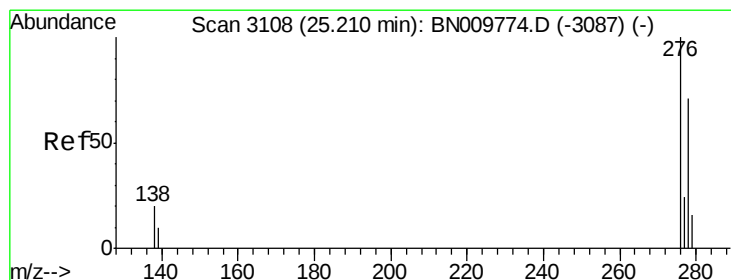
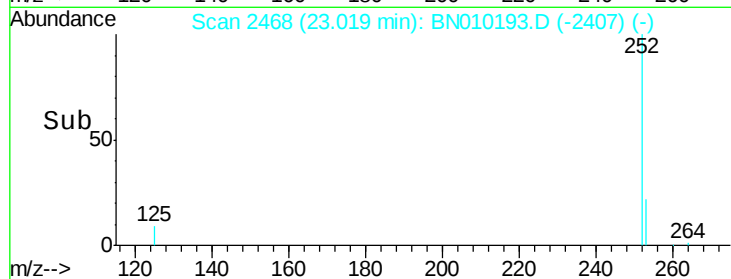
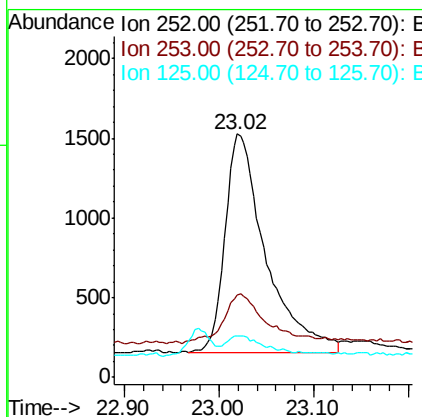
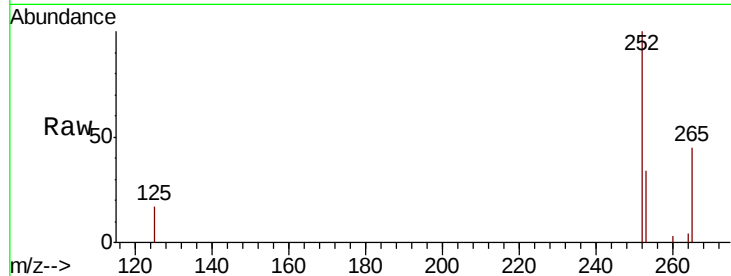
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.02 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.0	25.3	37.9
125	17.0	17.7	26.5#

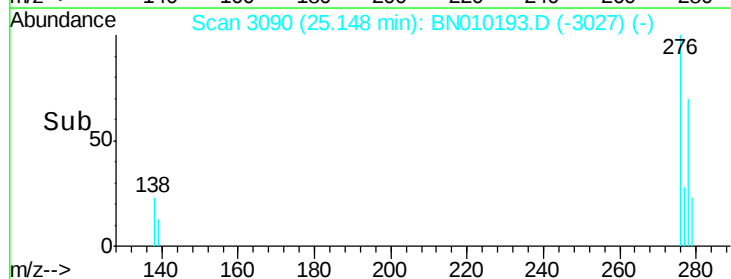
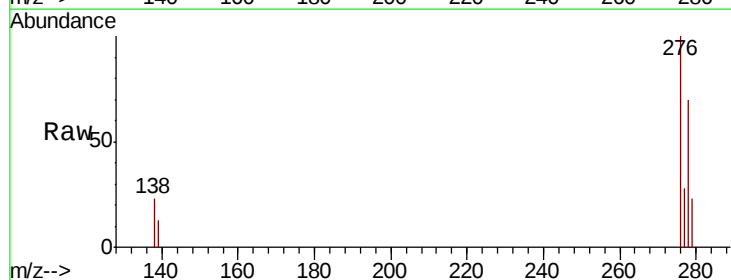
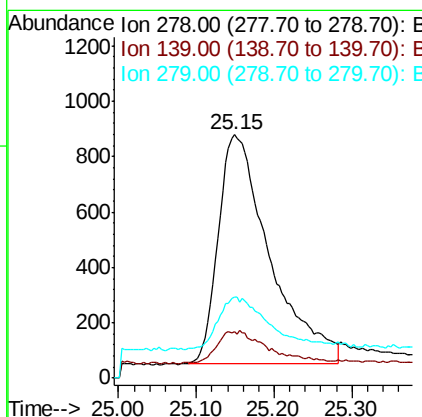
Manual Integrations
APPROVED

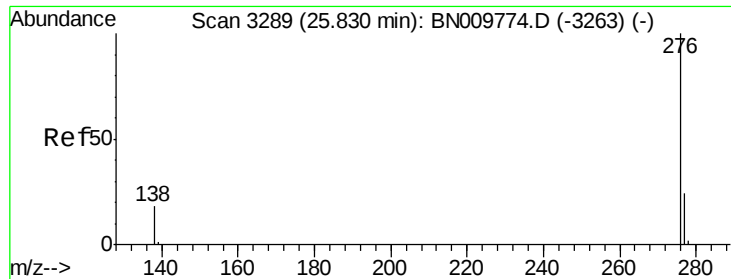
mohammad
3/16/2020 1:45:26 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 25.15 min Scan# 3090
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.5	21.7
279	33.3	24.3	36.5





#39

Benzo(a,h,i)perylene

Concen: 0.402 ng

RT: 25.76 min Scan# 3269

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	4529
Ion Ratio	Lower	Upper	
276	100		
277	28.0	21.4	32.0
138	21.7	16.6	24.8

Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:26 PM

