

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100519\
 Data File : BN008048.D
 Acq On : 06 Oct 2019 06:48
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Manual Integrations
 APPROVED

mohammad
 10/7/2019 4:40:38 PM

Quant Time: Oct 07 07:33:26 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 03 18:39:49 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3377	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	13595	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	8407	0.40	ng	-0.03
19) Phenanthrene-d10	17.06	188	17565	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	19091	0.40	ng	-0.02
34) Perylene-d12	23.46	264	21267	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.30	112	4229	0.36	ng	-0.02
5) Phenol-d6	6.87	99	5213	0.36	ng	0.00
8) Nitrobenzene-d5	8.82	82	4587	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	9604	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.80	330	1817	0.40	ng	-0.02
15) 2-Fluorobiphenyl	12.93	172	12636	0.36	ng	-0.02
25) Fluoranthene-d10	19.09	212	24110	0.41	ng	-0.02
29) Terphenyl-d14	19.69	244	19971	0.43	ng	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.27	88	1807m	0.480	ng
3) n-Nitrosodimethylamine	2.97	42	1130	0.655	ng
6) bis(2-Chloroethyl)ether	7.11	93	4605	0.482	ng
9) Naphthalene	10.49	128	15539	0.407	ng
10) Hexachlorobutadiene	10.79	225	3689	0.459	ng
12) 2-Methylnaphthalene	12.11	142	10705	0.415	ng
16) Acenaphthylene	14.02	152	17896	0.401	ng
17) Acenaphthene	14.37	154	10544	0.367	ng
18) Fluorene	15.36	166	13748	0.373	ng
20) 4-Bromophenyl-phenylether	16.25	248	4269	0.400	ng
21) Hexachlorobenzene	16.37	284	5203	0.446	ng
22) Pentachlorophenol	16.73	266	1700	0.396	ng
23) Phenanthrene	17.09	178	21386	0.391	ng
24) Anthracene	17.18	178	20267	0.410	ng
26) Fluoranthene	19.12	202	27572	0.405	ng
28) Pyrene	19.48	202	28572	0.439	ng
30) Benzo(a)anthracene	21.23	228	28766	0.409	ng
31) Chrysene	21.28	228	27825	0.406	ng
32) Bis(2-ethylhexyl)phthalate	21.17	149	17595m	0.487	ng
33) Indeno(1,2,3-cd)pyrene	25.67	276	34173	0.398	ng
35) Benzo(b)fluoranthene	22.80	252	29102	0.394	ng
36) Benzo(k)fluoranthene	22.84	252	28461	0.390	ng
37) Benzo(a)pyrene	23.37	252	27906	0.402	ng
38) Dibenzo(a,h)anthracene	25.68	278	27964	0.394	ng
39) Benzo(g,h,i)perylene	26.35	276	28329	0.403	ng

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

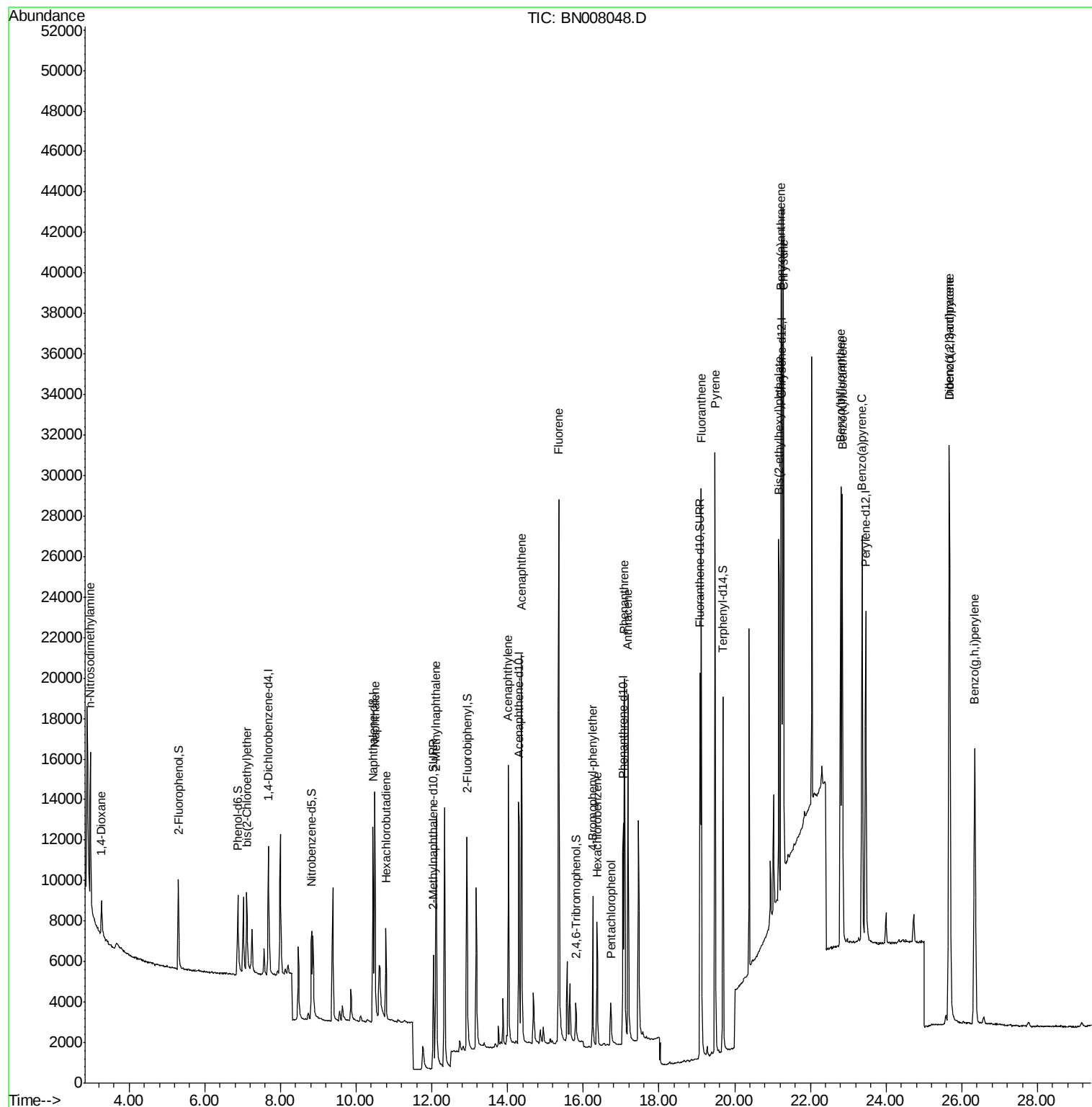
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100519\
Data File : BN008048.D
Acq On : 06 Oct 2019 06:48
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

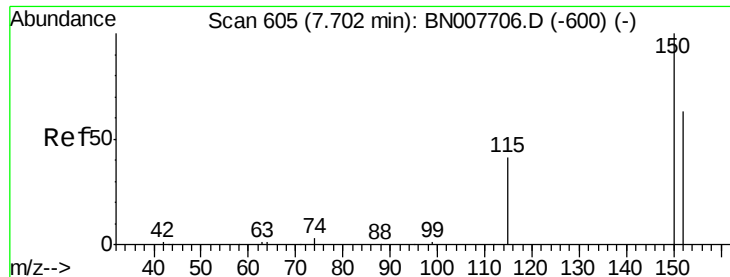
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM

Quant Time: Oct 07 07:33:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration





#1

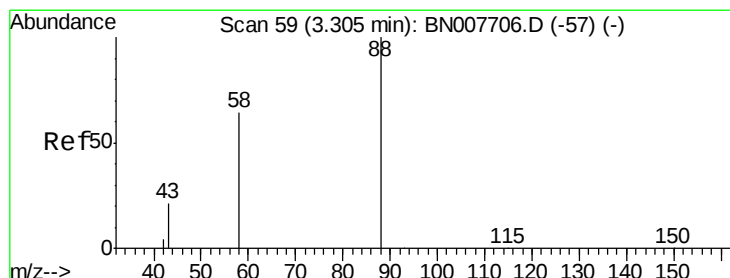
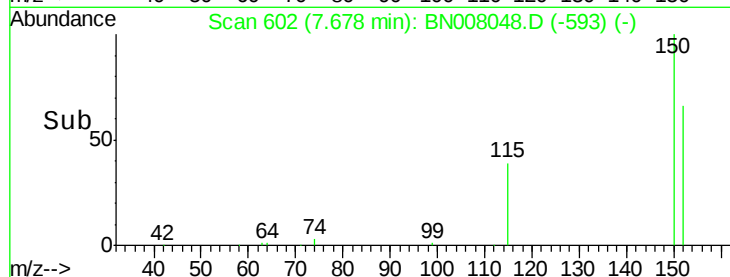
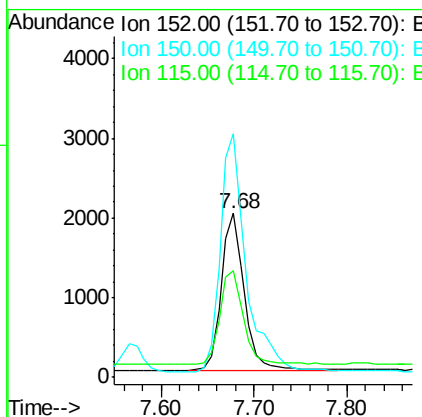
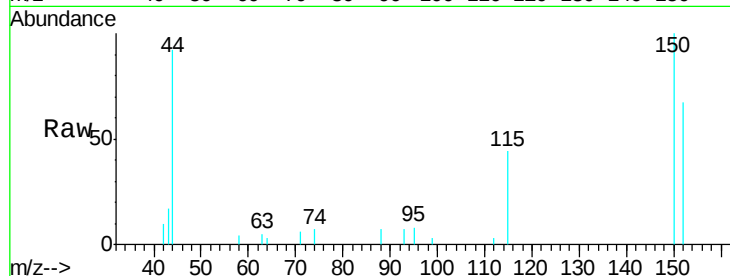
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.6	125.6	188.4
115	65.2	53.3	79.9

Manual Integrations
APPROVED

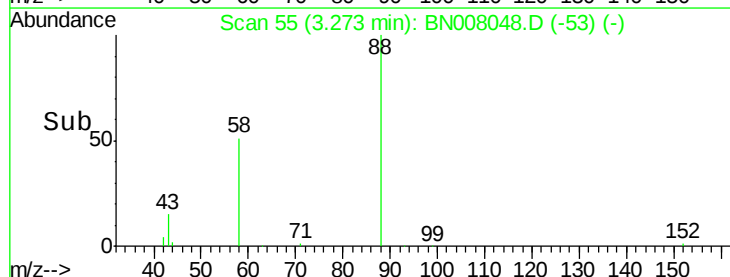
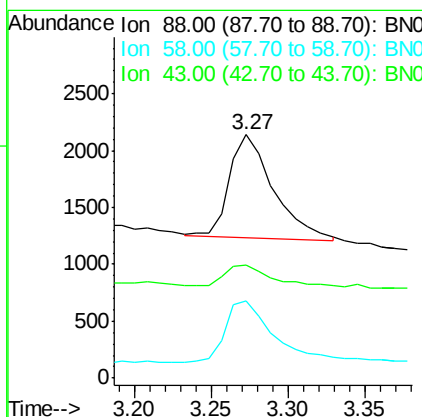
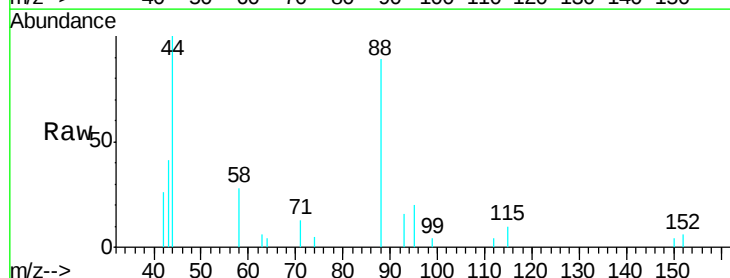
mohammad
10/7/2019 4:40:38 PM

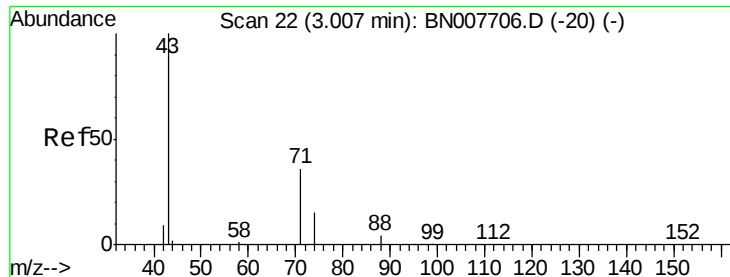


#2

1,4-Dioxane
Concen: 0.480 ng m
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	44.6	66.8#
43	0.0	14.4	21.6#





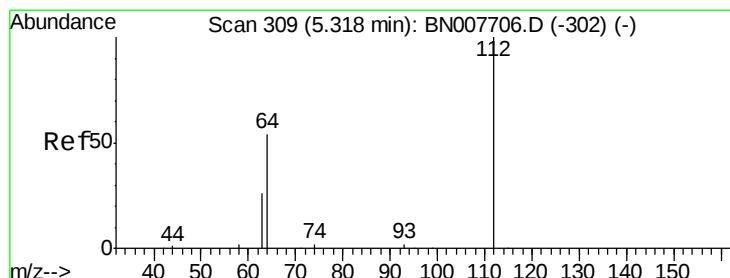
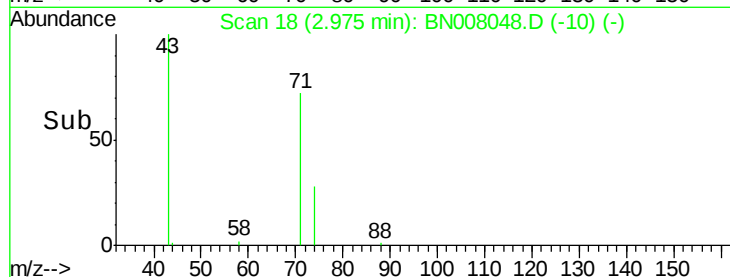
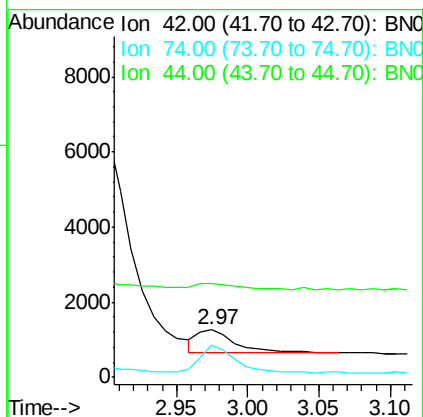
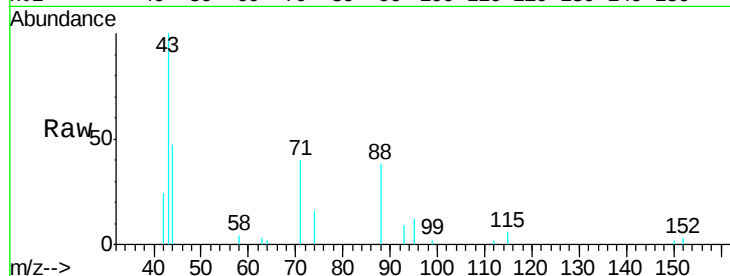
#3
n-Nitrosodimethylamine
Concen: 0.655 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1130
Ion Ratio Lower Upper
42 100
74 109.4 87.9 131.9
44 33.7 29.4 44.0

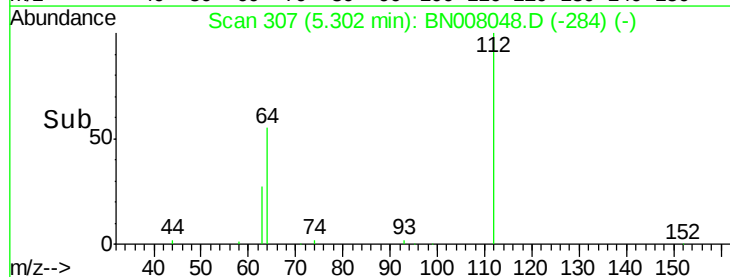
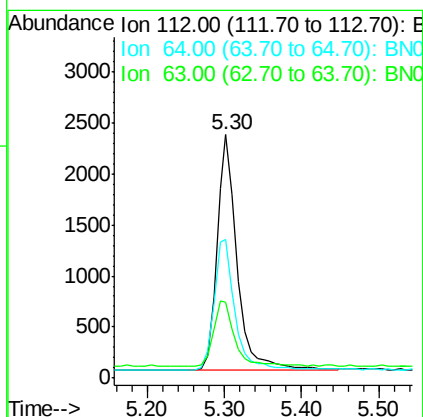
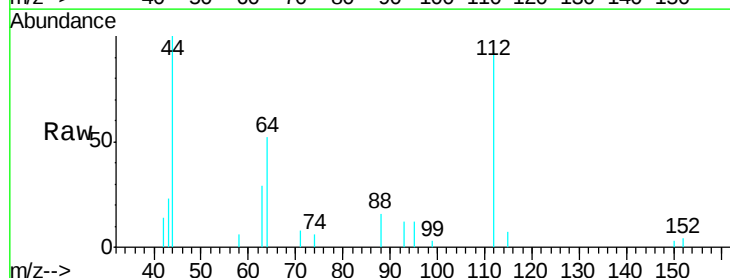
Manual Integrations
APPROVED

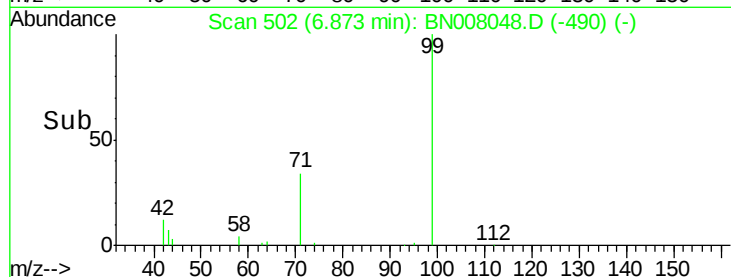
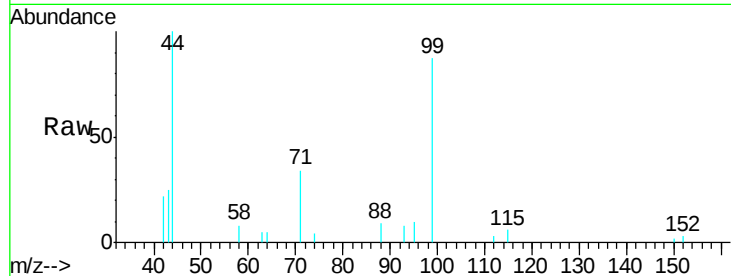
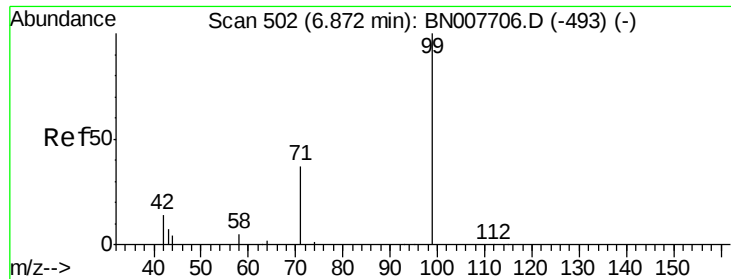
mohammad
10/7/2019 4:40:38 PM



#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Tgt Ion: 112 Resp: 4229
Ion Ratio Lower Upper
112 100
64 58.4 46.6 70.0
63 29.4 23.1 34.7





#5

Phenol-d6

Concen: 0.359 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion:	99	Resp:	5213
Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.8	19.2
71	33.9	27.6	41.4

Instrument :

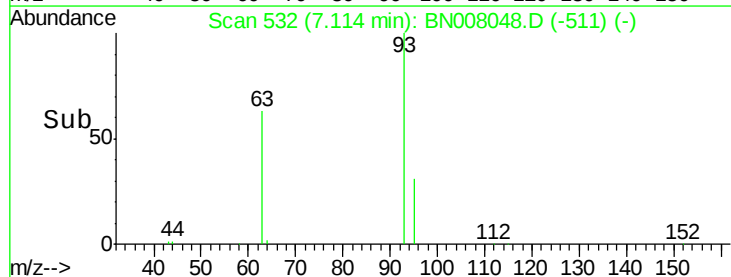
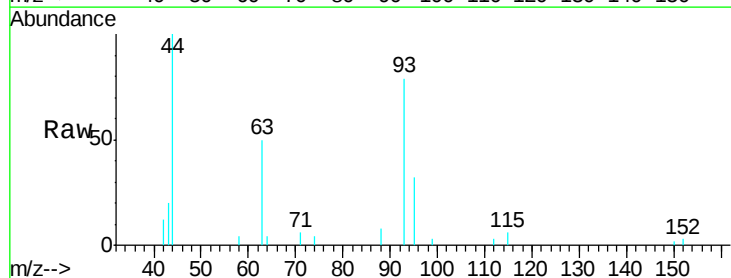
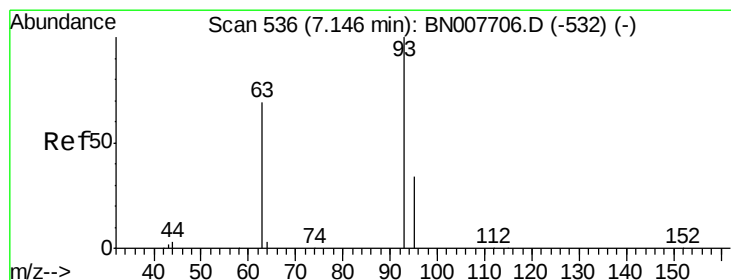
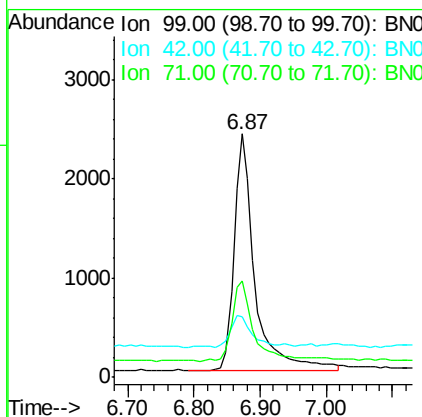
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.482 ng

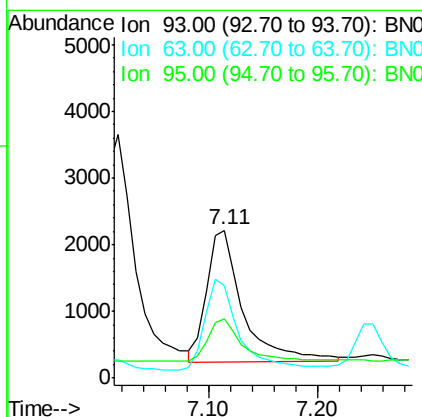
RT: 7.11 min Scan# 532

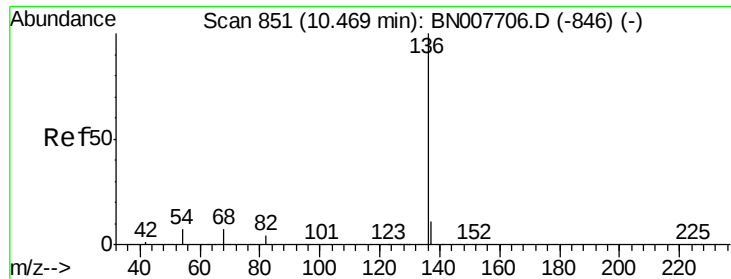
Delta R.T. -0.03 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion:	93	Resp:	4605
Ion	Ratio	Lower	Upper
93	100		
63	64.6	59.3	88.9
95	30.2	31.4	47.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

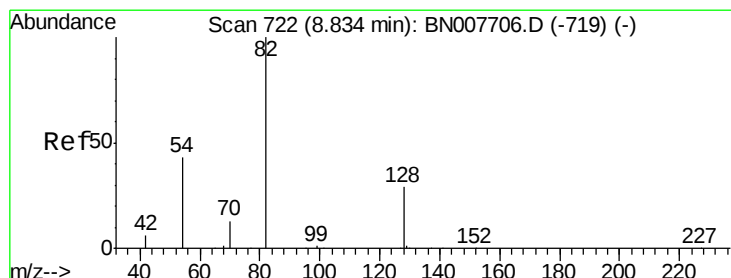
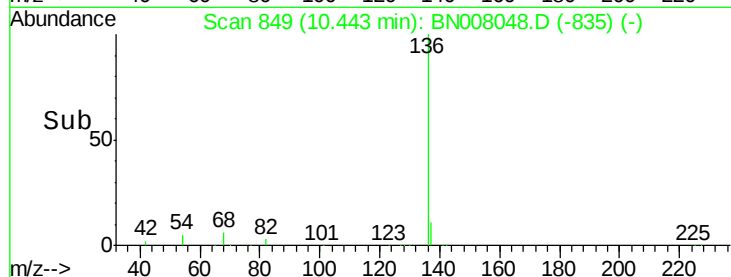
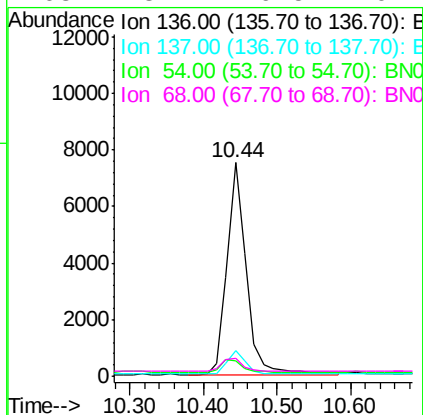
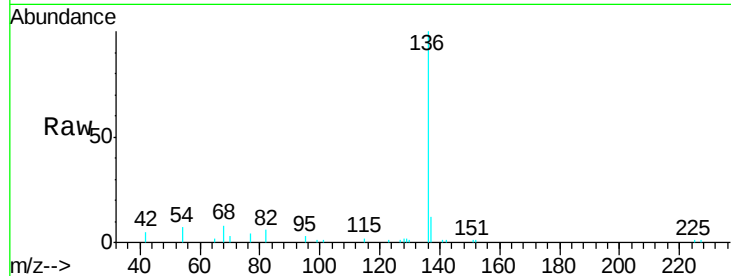
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	7.3	5.8	8.8
68	8.4	6.5	9.7

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM



#8

Nitrobenzene-d5

Concen: 0.386 ng

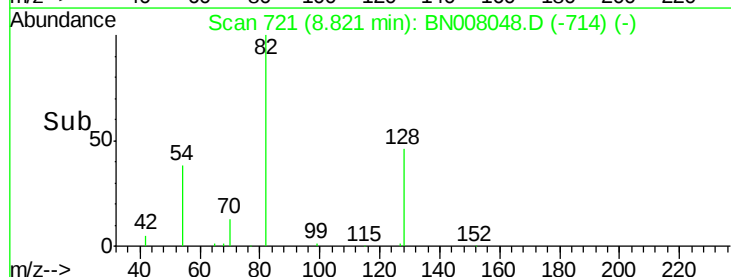
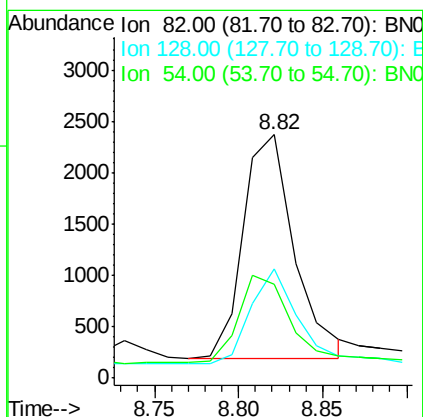
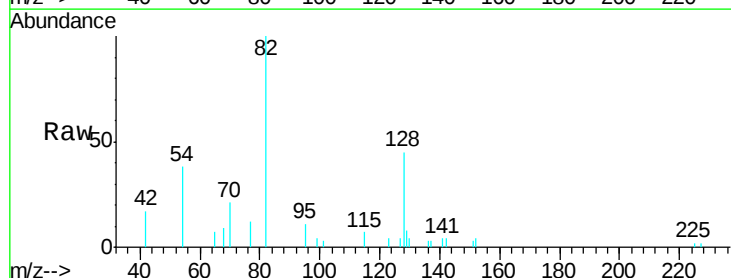
RT: 8.82 min Scan# 721

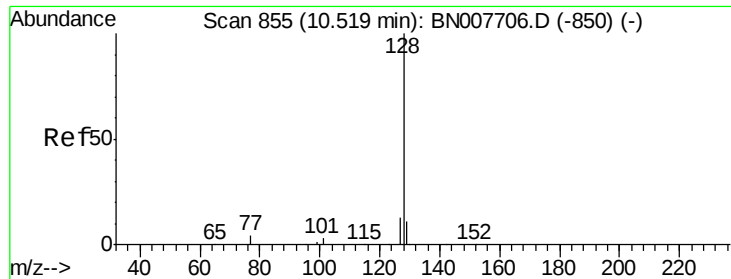
Delta R.T. -0.01 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	24.5	36.7#
54	38.4	35.2	52.8





#9

Naphthalene

Concen: 0.407 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

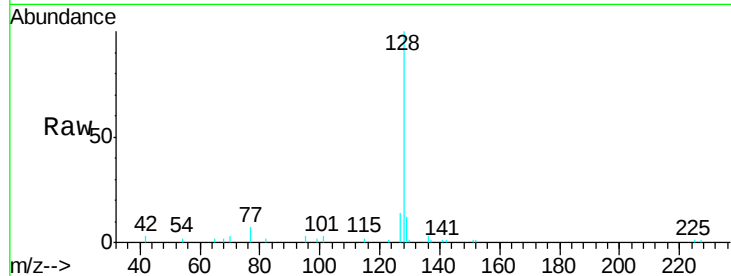
ClientSampleId :

SSTDCCC0.4EC

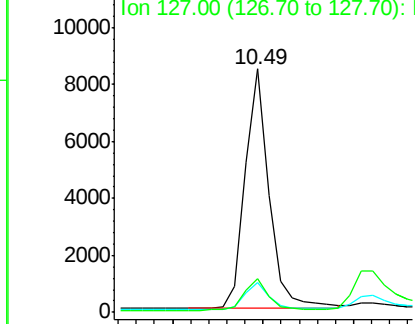
Tgt Ion:	128	Resp:	15539
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.1	13.7
127	13.6	10.6	15.8

Manual Integrations
APPROVED

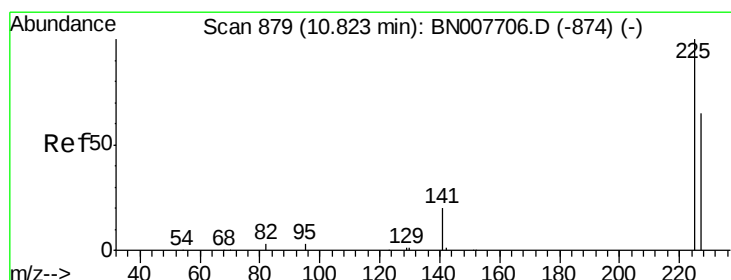
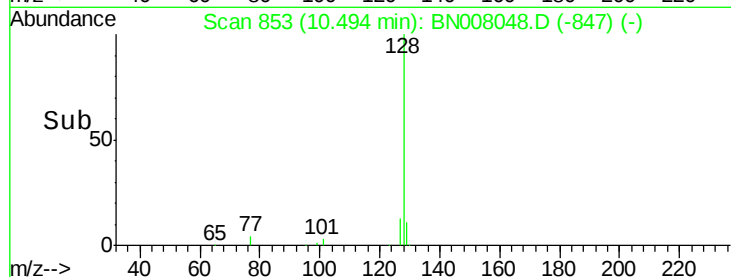
mohammad
10/7/2019 4:40:38 PM



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: 0.459 ng

RT: 10.79 min Scan# 876

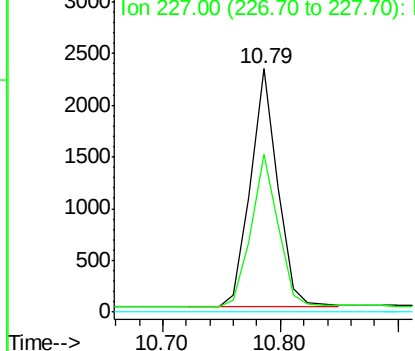
Delta R.T. -0.04 min

Lab File: BN008048.D

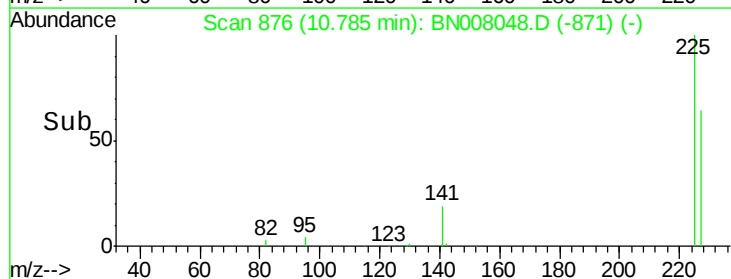
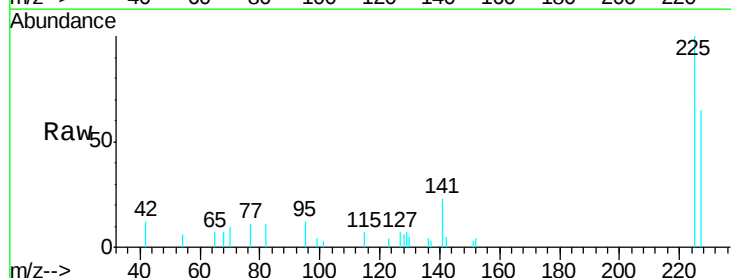
Acq: 06 Oct 2019 06:48

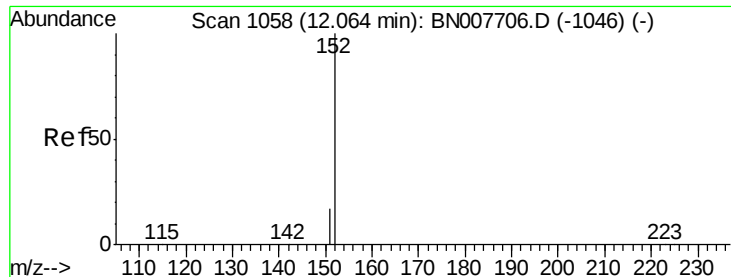
Tgt Ion:	225	Resp:	3689
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.6	51.2	76.8

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-->





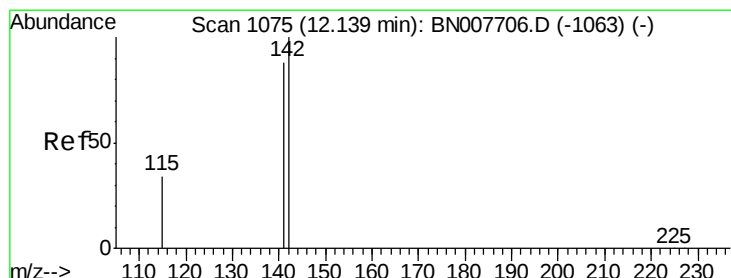
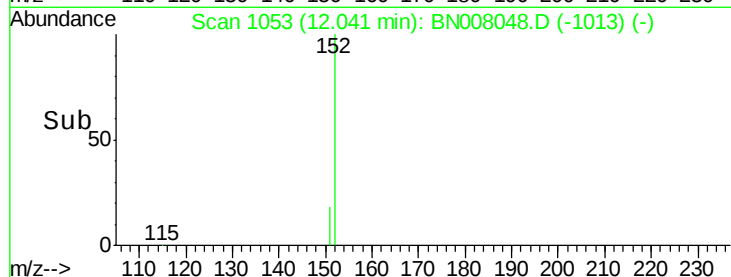
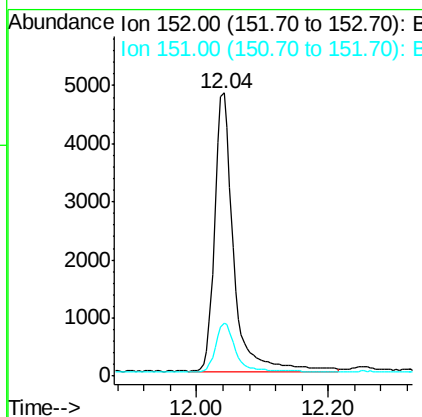
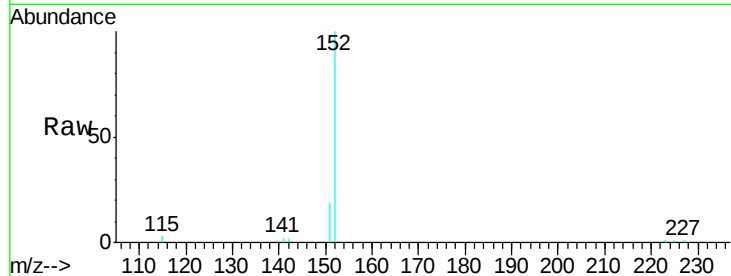
#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9604
Ion Ratio Lower Upper
152 100
151 18.5 15.4 23.2

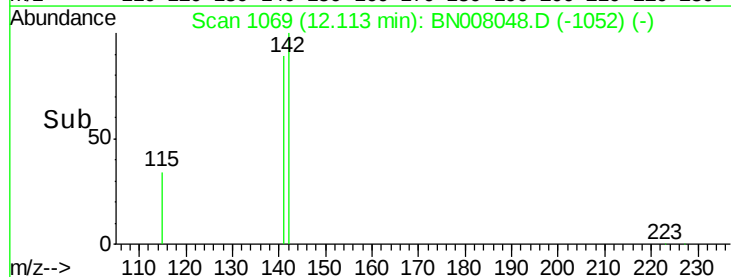
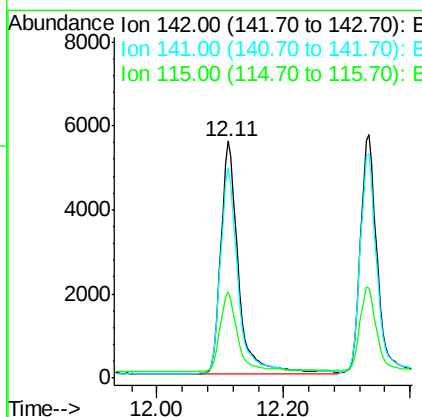
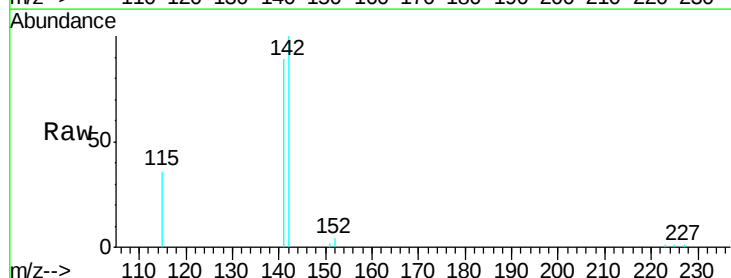
Manual Integrations
APPROVED

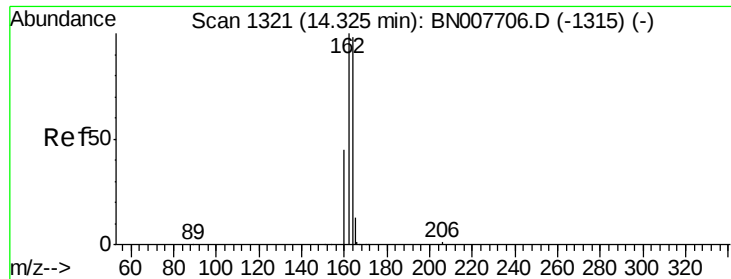
mohammad
10/7/2019 4:40:38 PM



#12
2-Methylnaphthalene
Concen: 0.415 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Tgt Ion:142 Resp: 10705
Ion Ratio Lower Upper
142 100
141 89.0 70.6 106.0
115 36.4 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1318

Delta R.T. -0.03 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

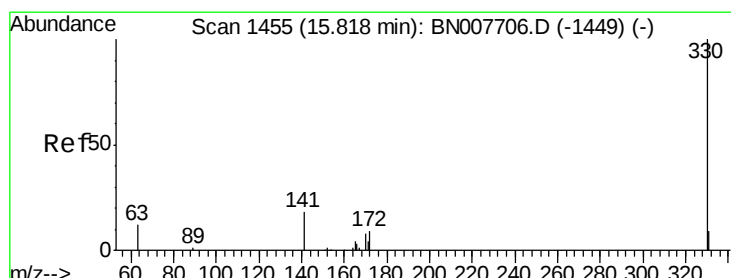
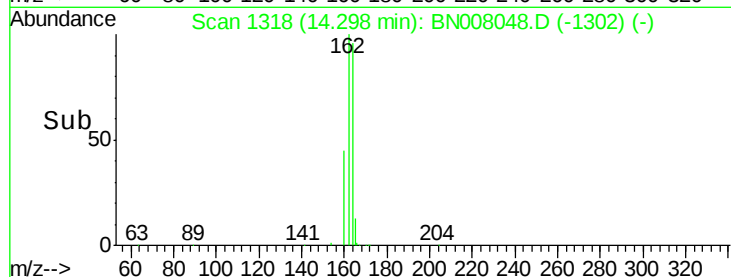
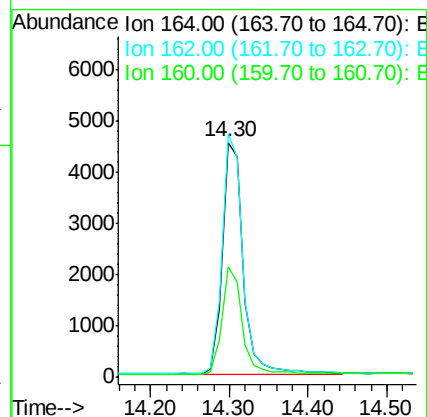
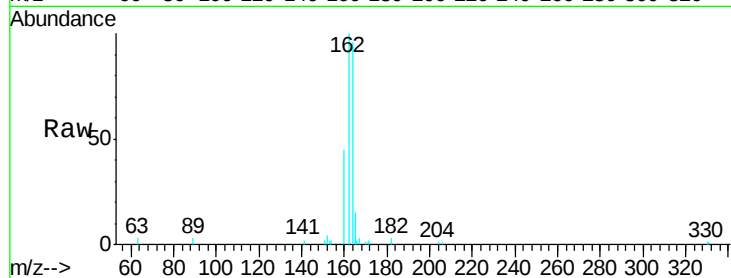
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	164	Resp:	8407
Ion Ratio	Lower	Upper	
164	100		
162	103.7	81.7	122.5
160	47.0	37.0	55.4

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM



#14

2,4,6-Tribromophenol

Concen: 0.397 ng

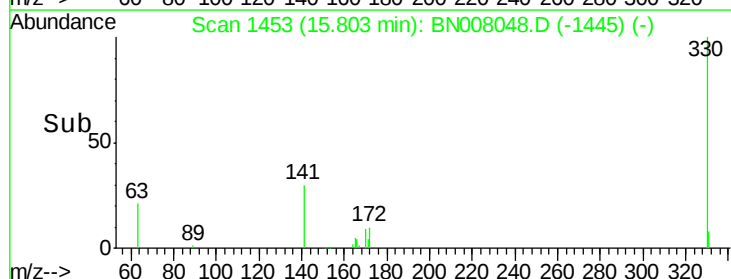
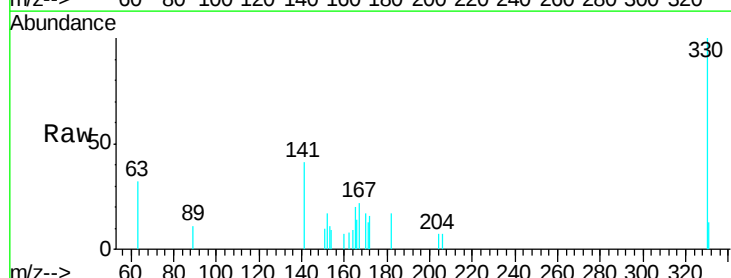
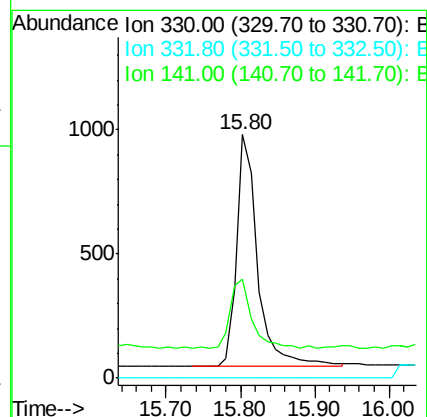
RT: 15.80 min Scan# 1453

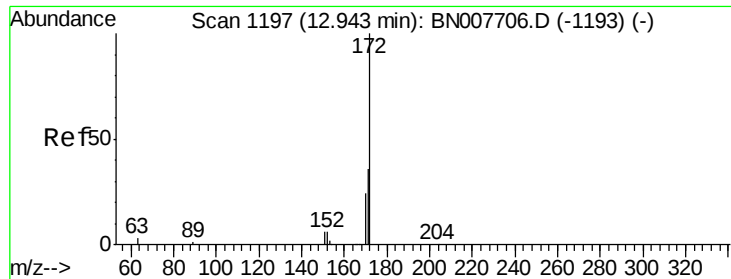
Delta R.T. -0.02 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion:	330	Resp:	1817
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	31.4	28.7	43.1





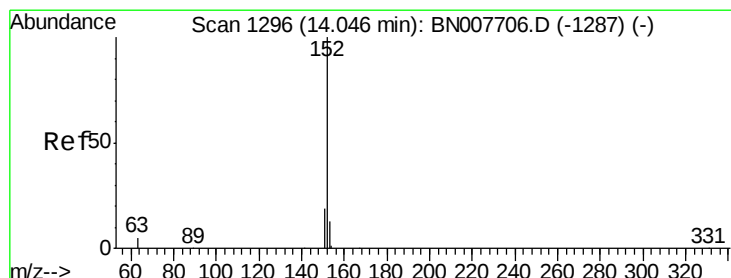
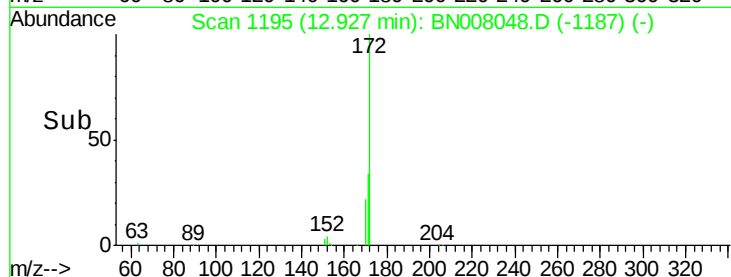
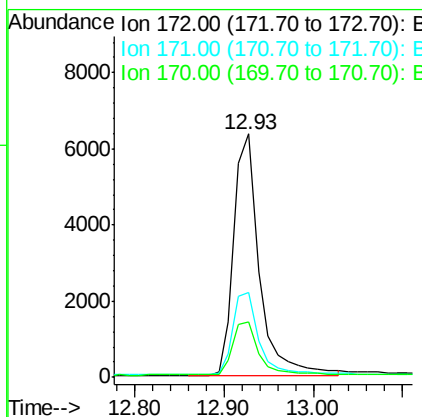
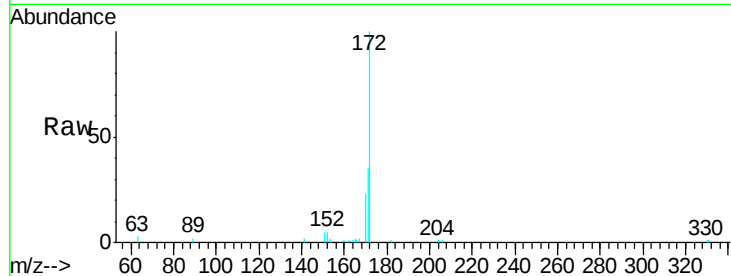
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	22.6	19.5	29.3

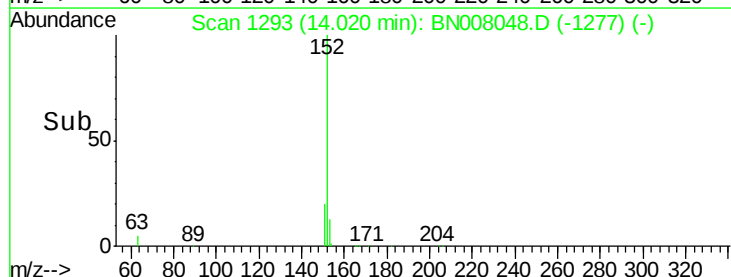
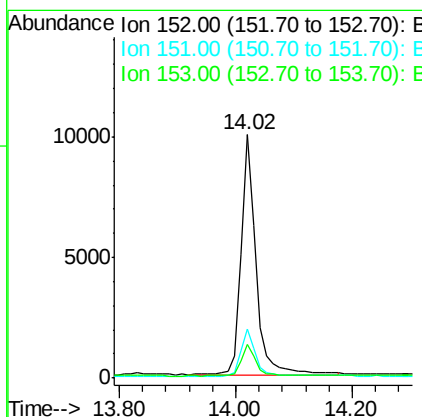
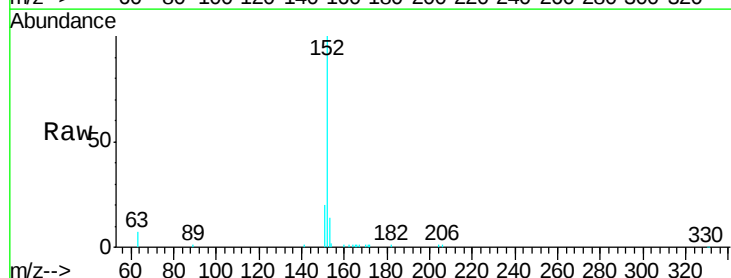
Manual Integrations
APPROVED

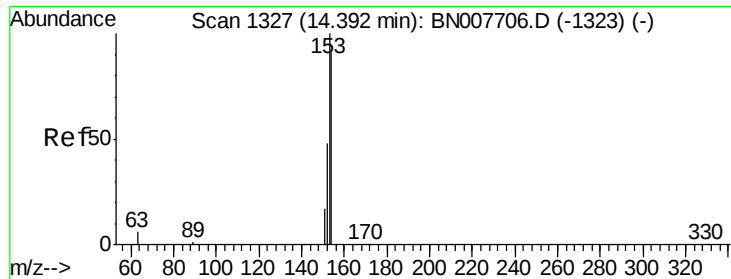
mohammad
10/7/2019 4:40:38 PM



#16
Acenaphthylene
Concen: 0.401 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 0.367 ng

RT: 14.37 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

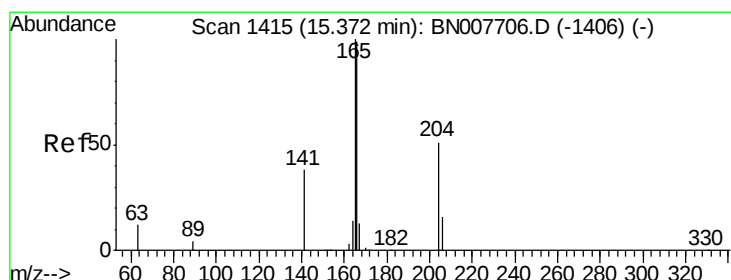
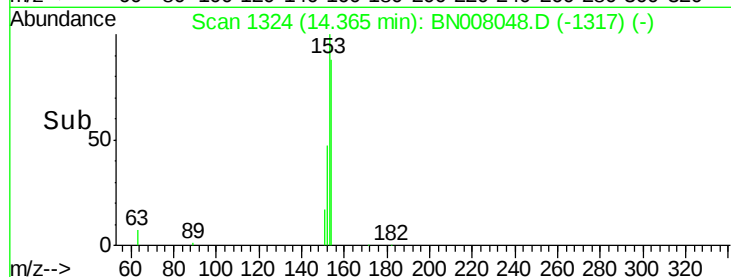
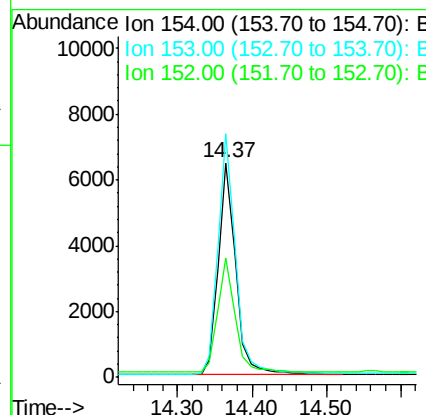
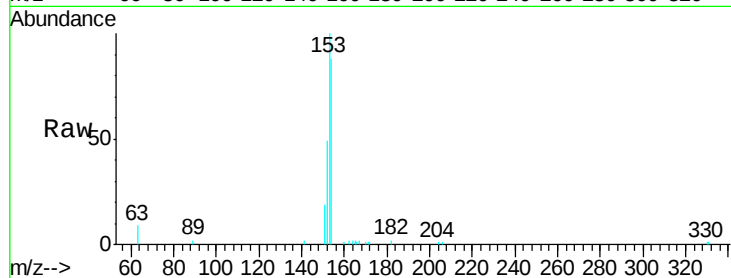
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	154	Resp:	10544
Ion Ratio	Lower	Upper	
154	100		
153	114.0	87.0	130.4
152	53.6	42.7	64.1

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM



#18

Fluorene

Concen: 0.373 ng

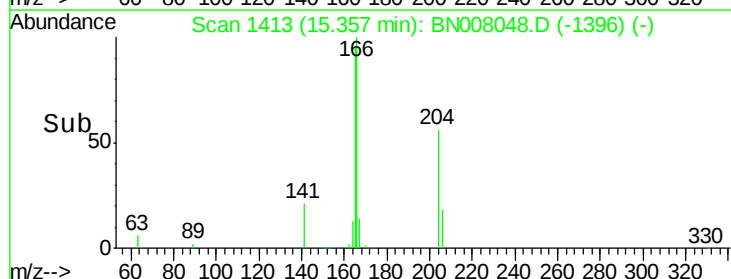
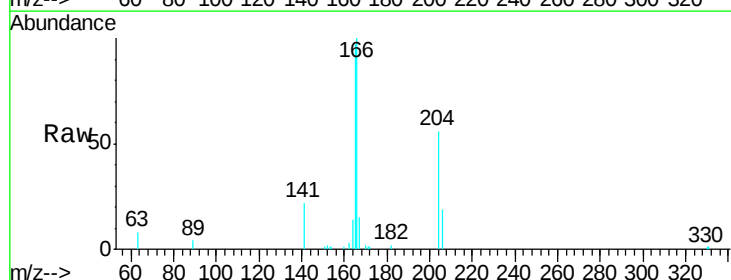
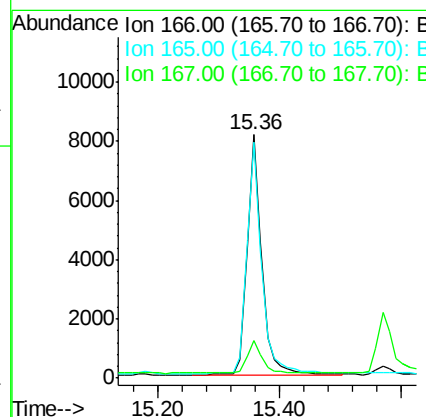
RT: 15.36 min Scan# 1413

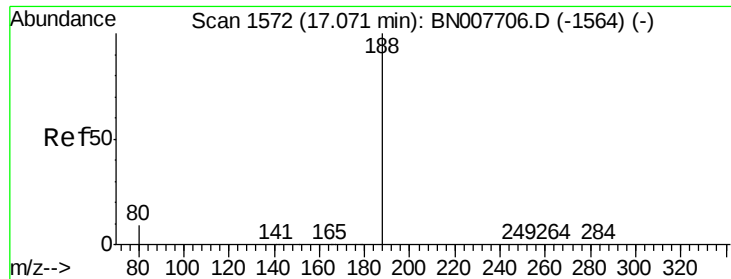
Delta R.T. -0.02 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion:	166	Resp:	13748
Ion Ratio	Lower	Upper	
166	100		
165	98.2	78.0	117.0
167	13.5	10.9	16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

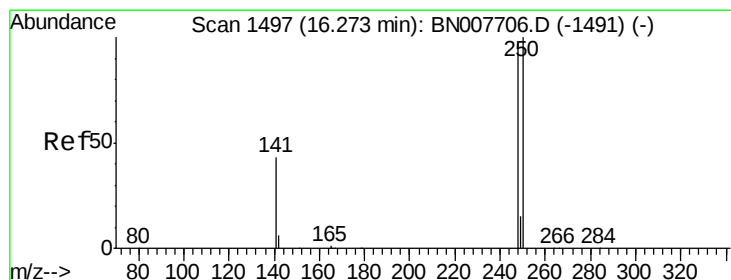
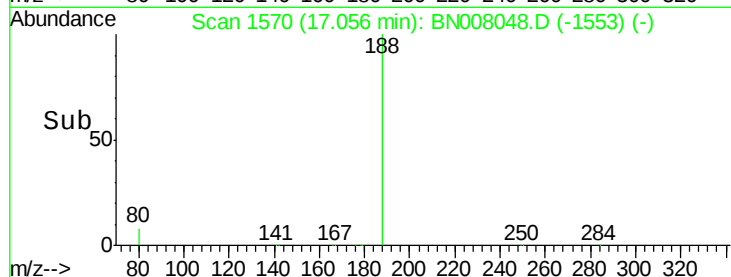
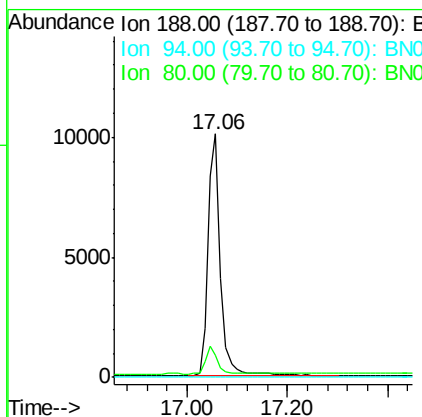
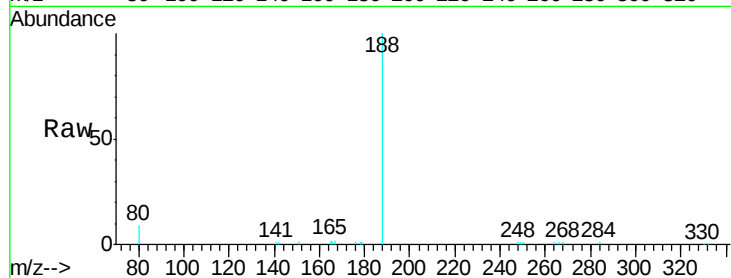
ClientSampled :

SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

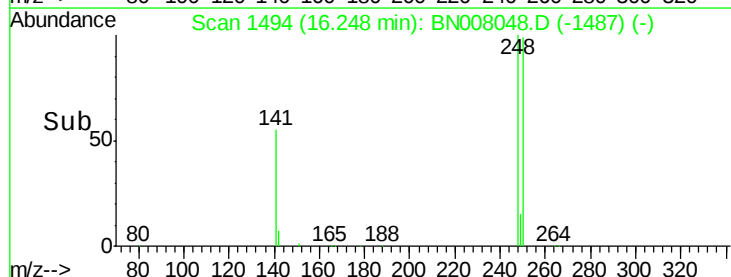
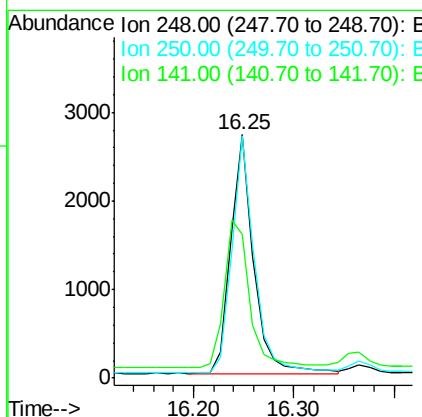
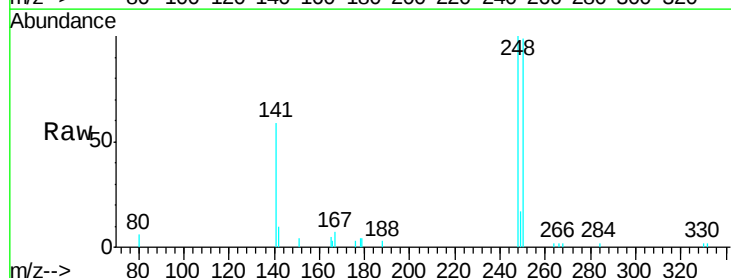
RT: 16.25 min Scan# 1494

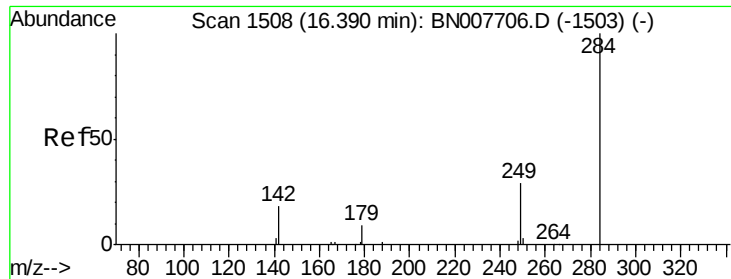
Delta R.T. -0.03 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.3	82.2	123.4
141	59.0	36.3	54.5#





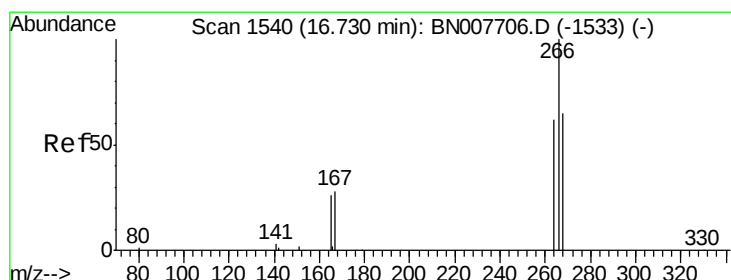
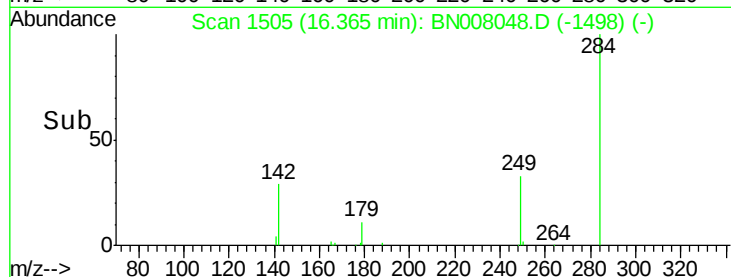
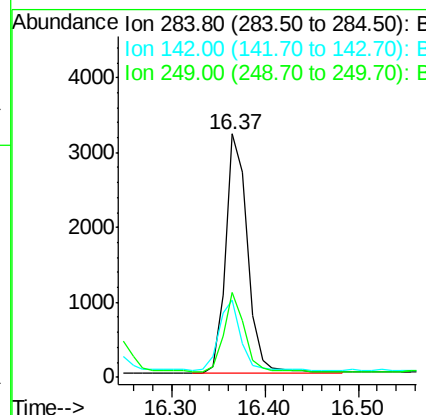
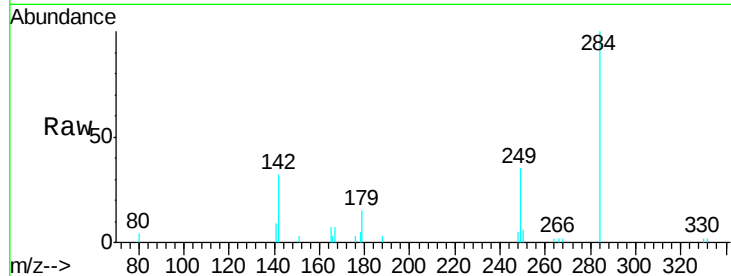
#21
Hexachlorobenzene
Concen: 0.446 ng
RT: 16.37 min Scan# 1505
Delta R.T. -0.03 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	25.8	38.6
249	31.1	25.9	38.9

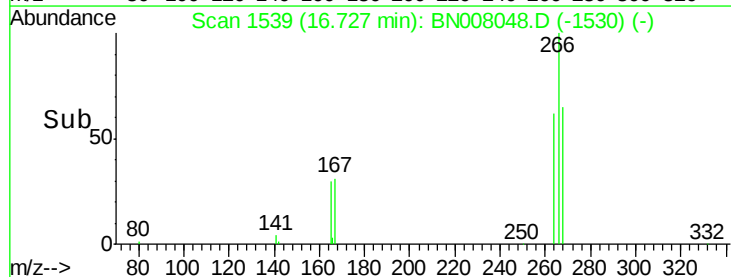
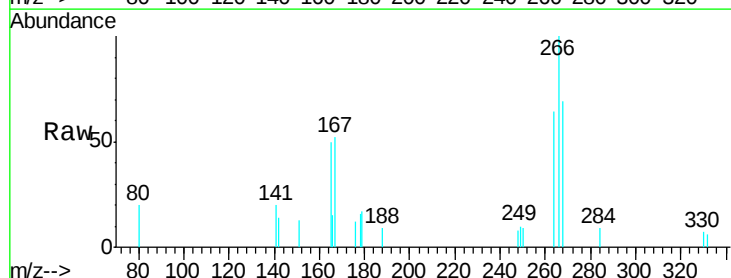
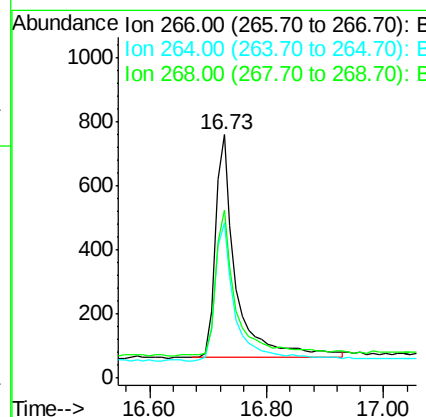
Manual Integrations
APPROVED

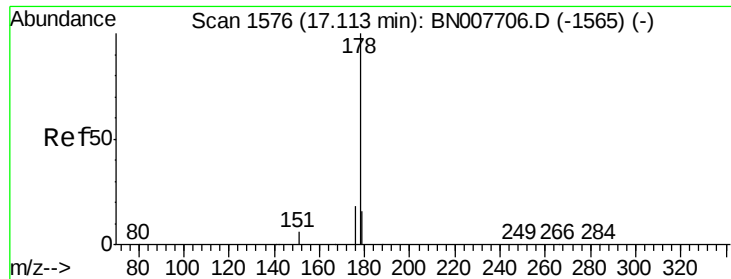
mohammad
10/7/2019 4:40:38 PM



#22
Pentachlorophenol
Concen: 0.396 ng
RT: 16.73 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.0	75.0
268	68.9	54.2	81.4





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

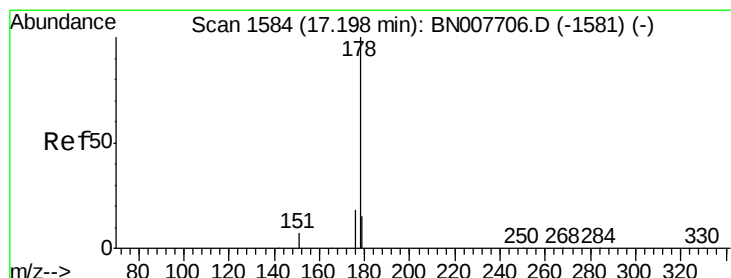
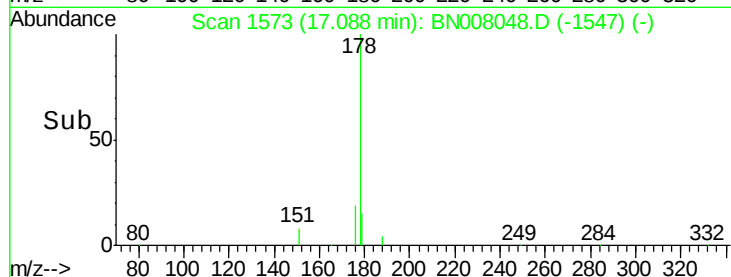
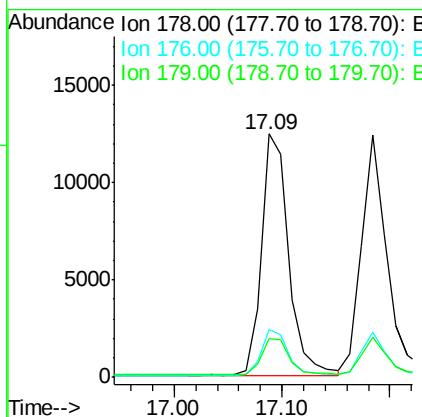
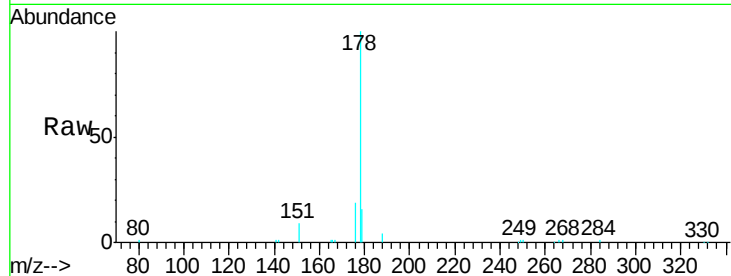
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	178	Resp:	21386
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.9	22.3
179	15.7	12.5	18.7

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM



#24

Anthracene

Concen: 0.410 ng

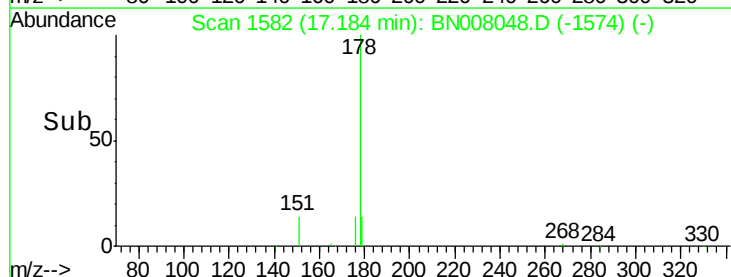
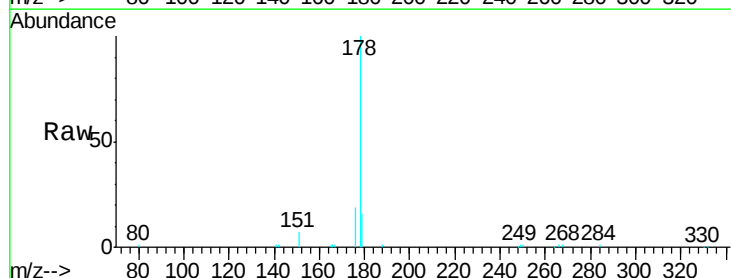
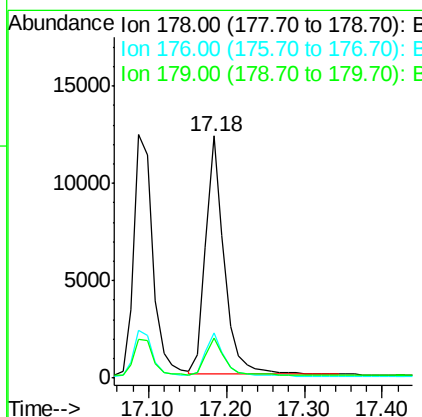
RT: 17.18 min Scan# 1582

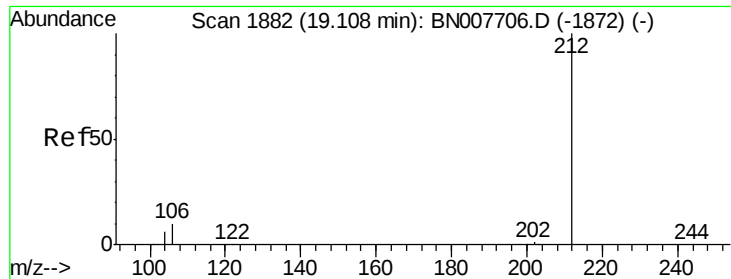
Delta R.T. -0.01 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion:	178	Resp:	20267
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.6	21.8
179	15.2	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.09 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

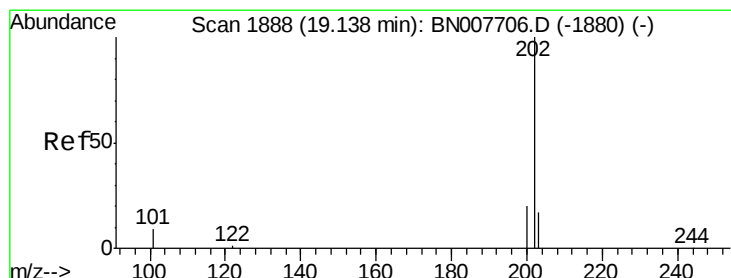
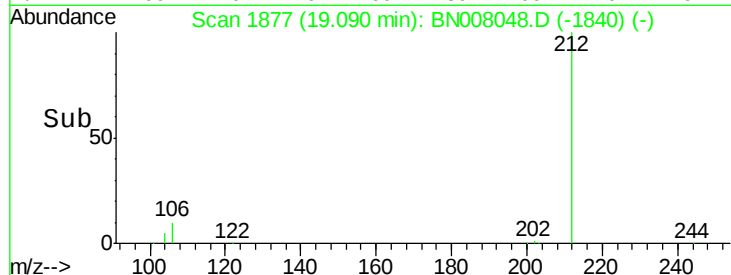
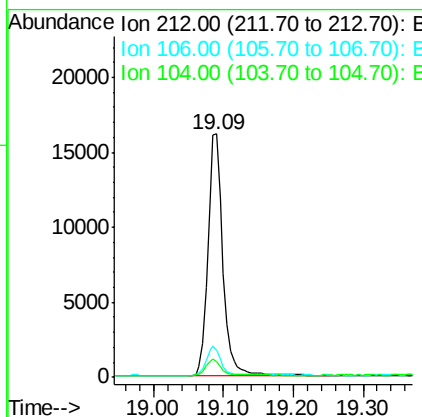
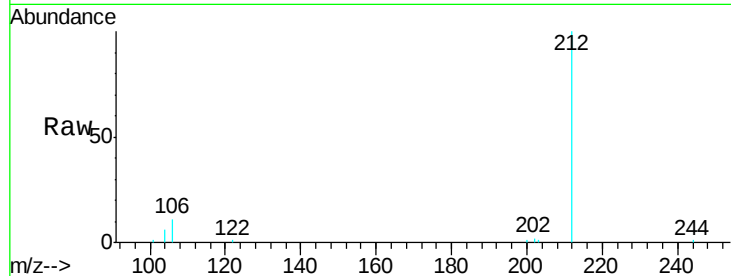
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	212	Resp:	24110
Ion Ratio	Lower	Upper	
212	100		
106	11.4	9.4	14.0
104	6.5	5.3	7.9

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM



#26

Fluoranthene

Concen: 0.405 ng

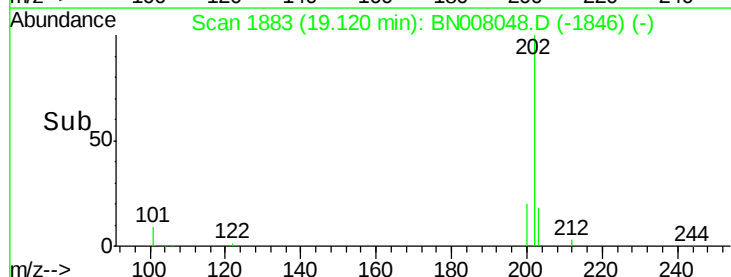
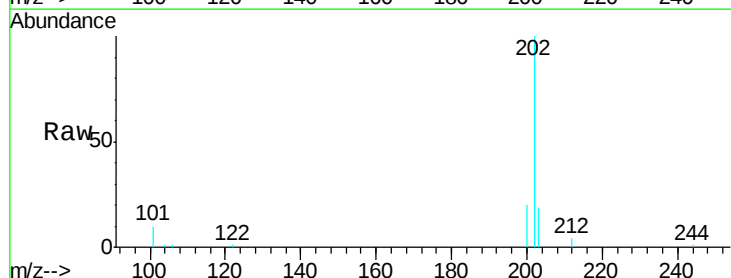
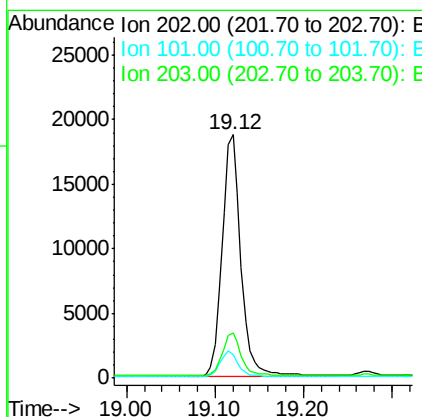
RT: 19.12 min Scan# 1883

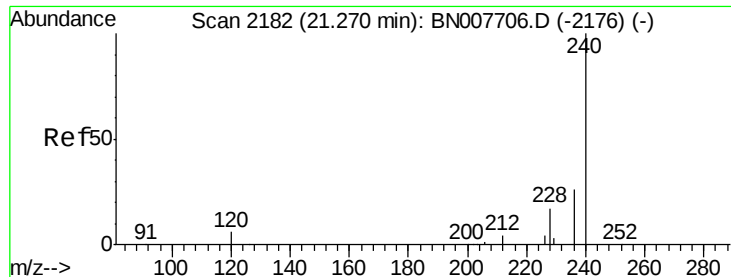
Delta R.T. -0.02 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion:	202	Resp:	27572
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.4	12.6
203	17.2	13.8	20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

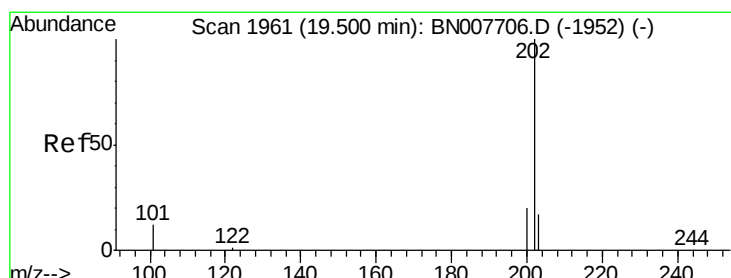
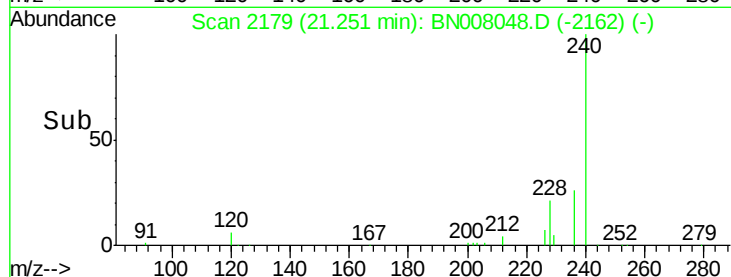
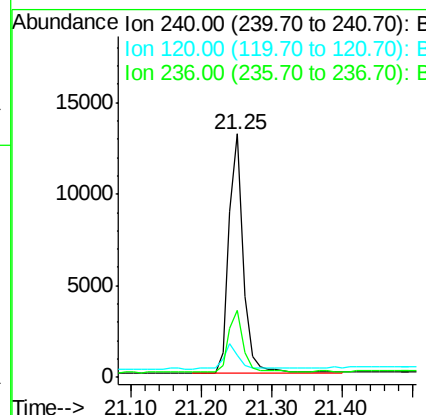
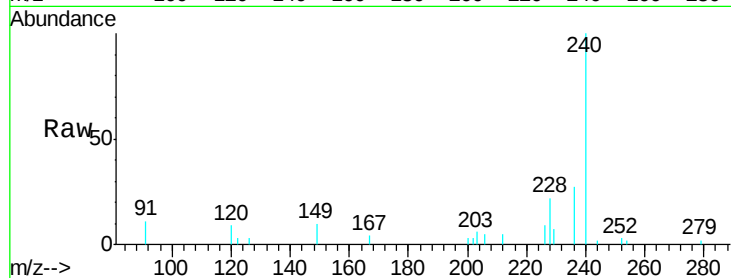
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.4	8.2#
236	27.3	21.0	31.4

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM



#28

Pyrene

Concen: 0.439 ng

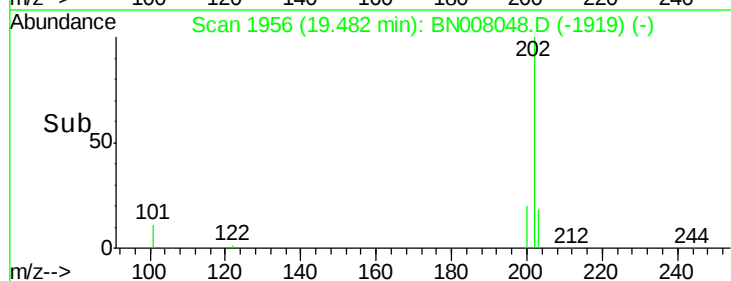
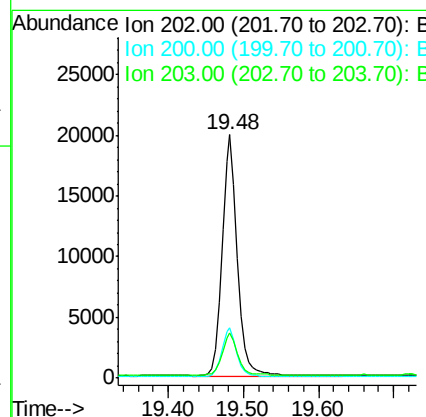
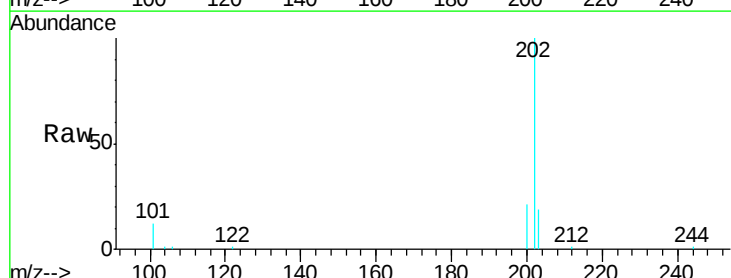
RT: 19.48 min Scan# 1956

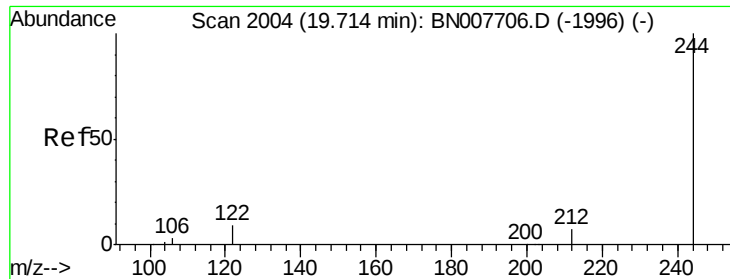
Delta R.T. -0.02 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.4	24.6
203	17.9	14.1	21.1





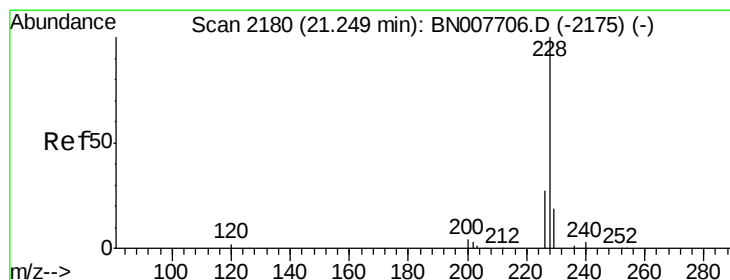
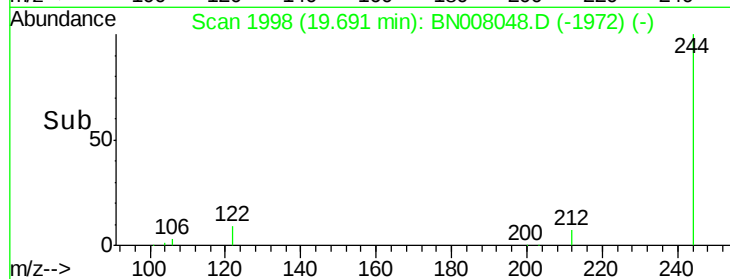
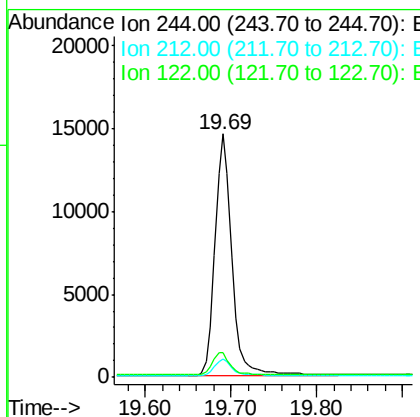
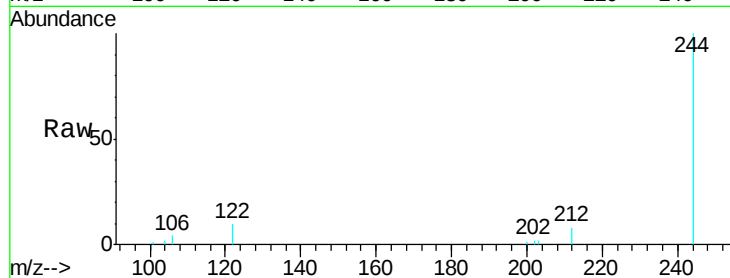
#29
 Terphenyl-d14
 Concen: 0.426 ng
 RT: 19.69 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BN008048.D
 Acq: 06 Oct 2019 06:48

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.1	7.4	11.2

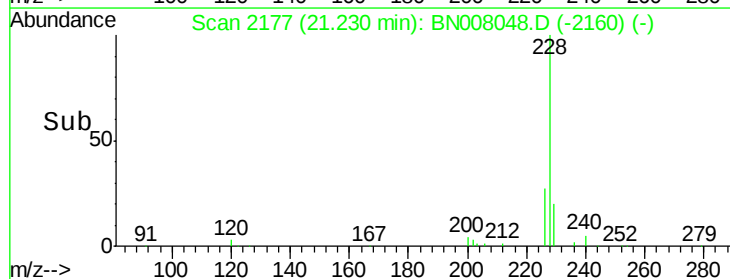
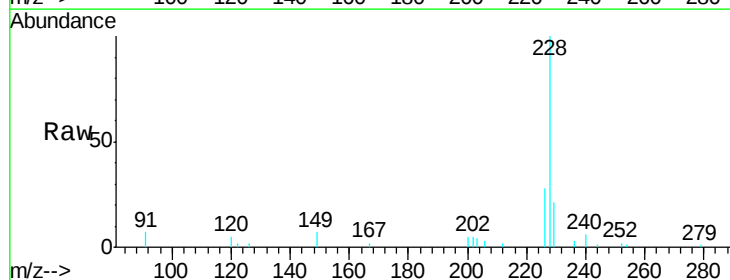
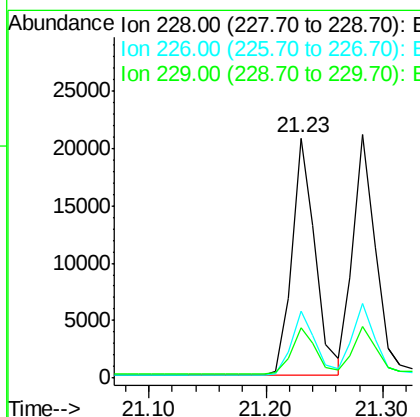
Manual Integrations
 APPROVED

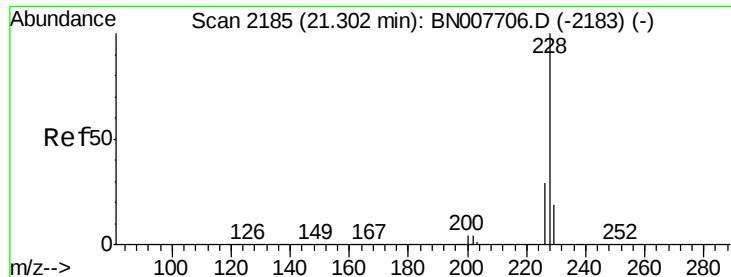
mohammad
 10/7/2019 4:40:38 PM



#30
 Benzo(a)anthracene
 Concen: 0.409 ng
 RT: 21.23 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BN008048.D
 Acq: 06 Oct 2019 06:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	21.0	15.8	23.6





#31

Chrysene

Concen: 0.406 ng

RT: 21.28 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

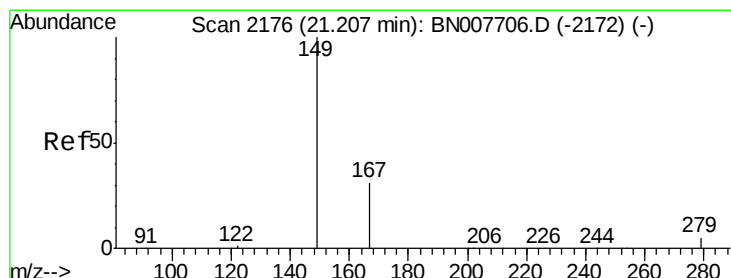
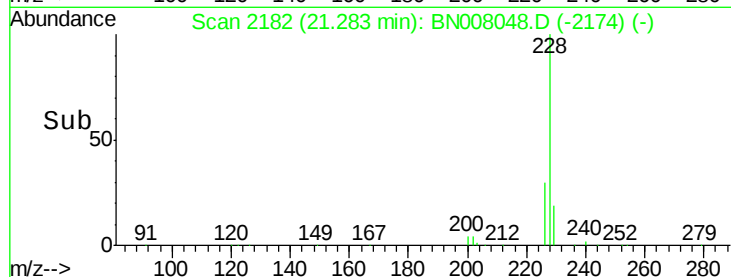
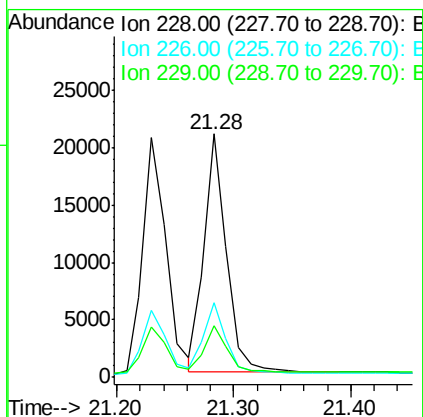
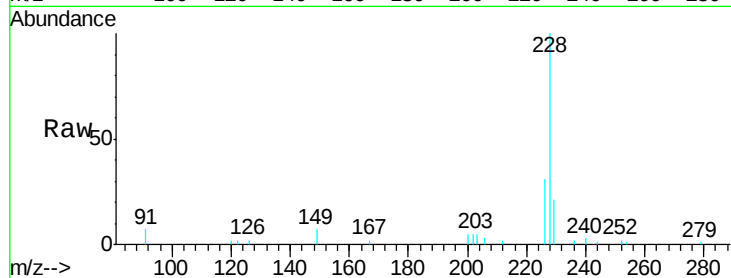
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	228	Resp:	27825
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.9	35.9
229	21.1	15.8	23.6

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.487 ng m

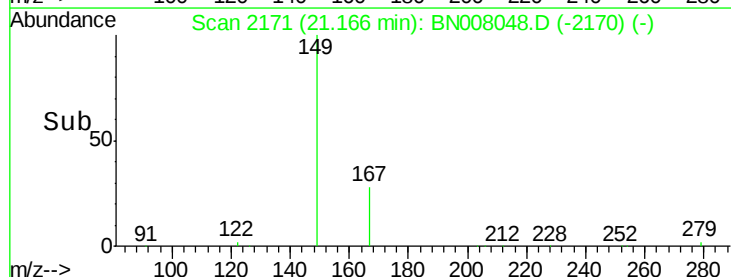
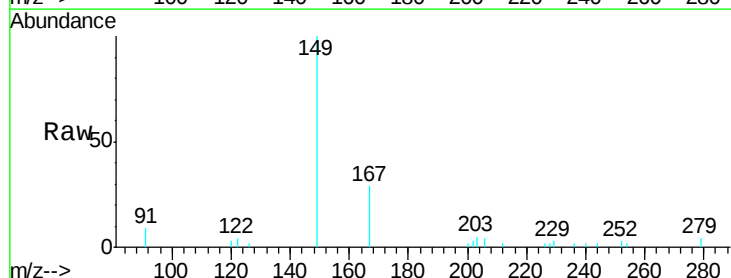
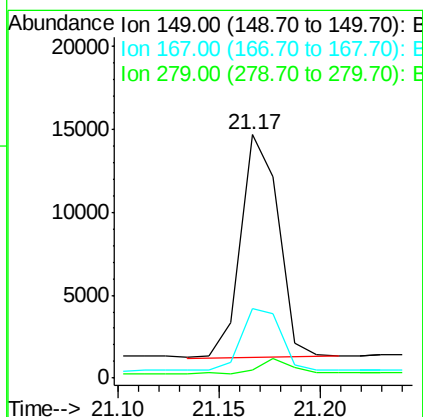
RT: 21.17 min Scan# 2171

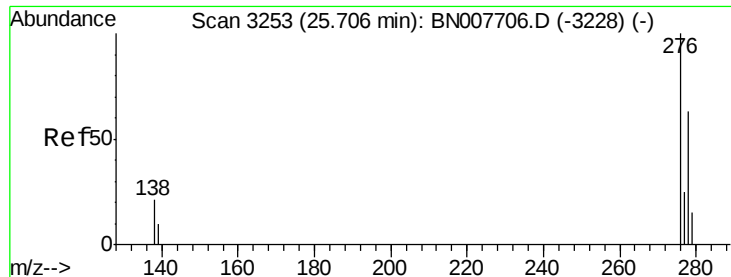
Delta R.T. -0.04 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion:	149	Resp:	17595
Ion Ratio	Lower	Upper	
149	100		
167	26.9	23.7	35.5
279	5.5	4.2	6.2





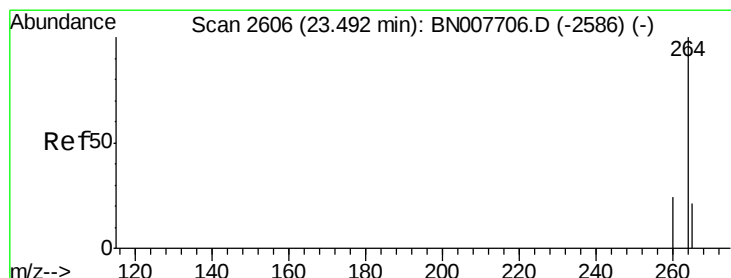
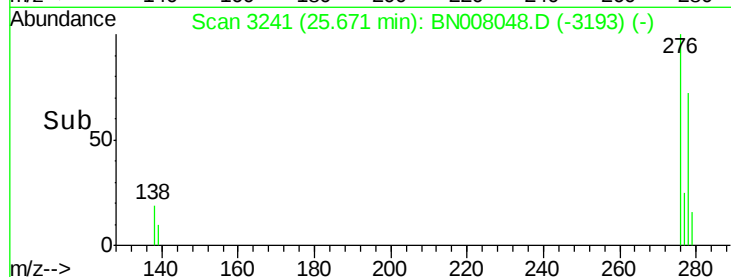
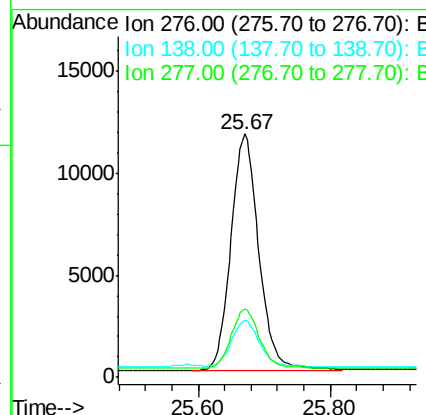
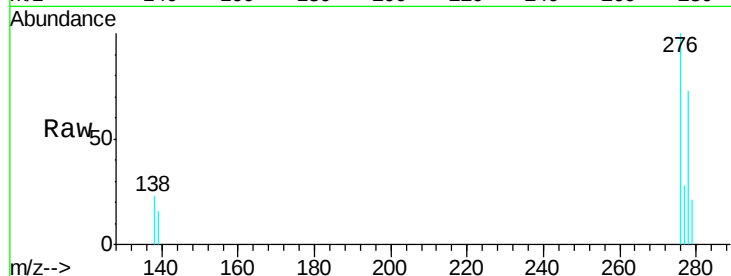
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.398 ng
 RT: 25.67 min Scan# 3241
 Delta R.T. -0.04 min
 Lab File: BN008048.D
 Acq: 06 Oct 2019 06:48

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	17.1	25.7
277	24.9	20.0	30.0

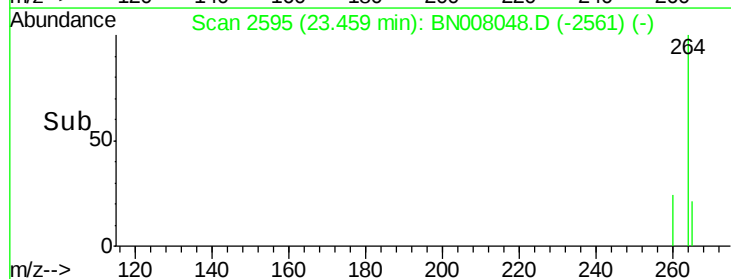
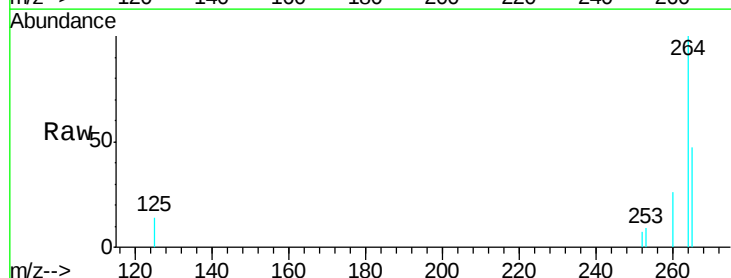
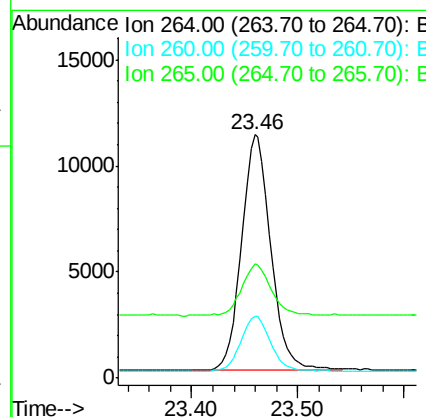
Manual Integrations
 APPROVED

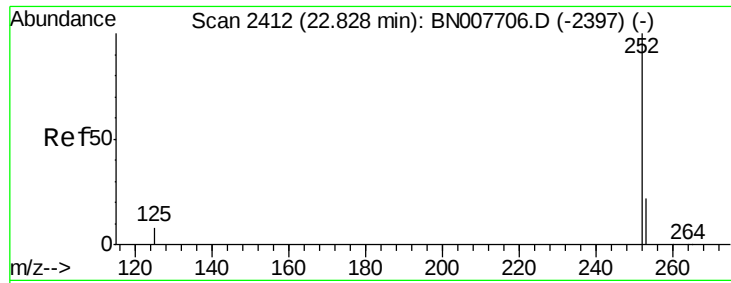
mohammad
 10/7/2019 4:40:38 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2595
 Delta R.T. -0.03 min
 Lab File: BN008048.D
 Acq: 06 Oct 2019 06:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.3	28.9
265	46.9	26.9	40.3





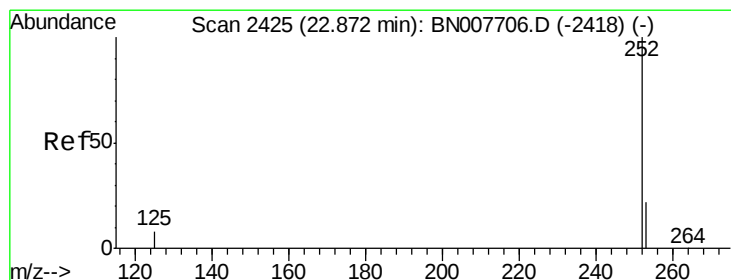
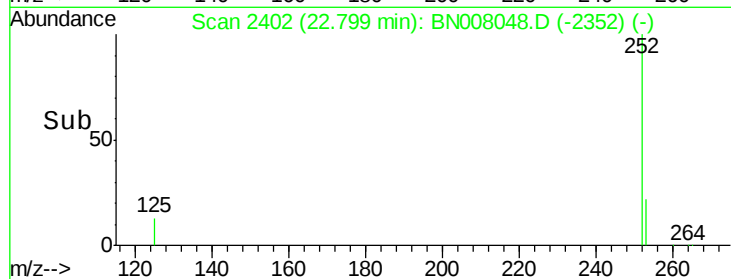
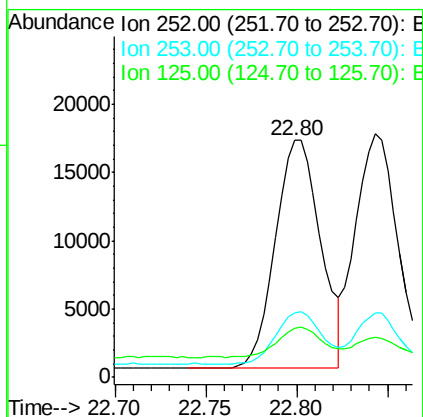
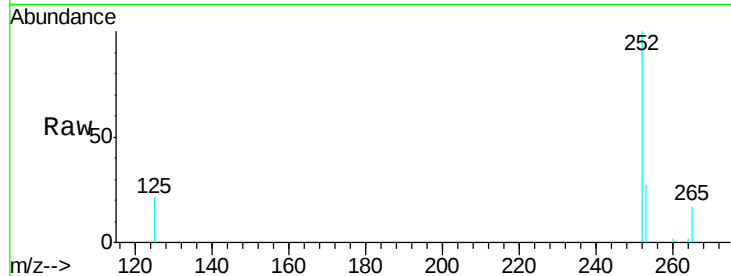
#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 22.80 min Scan# 2402
Delta R.T. -0.03 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.3	27.5
125	20.5	8.2	12.4

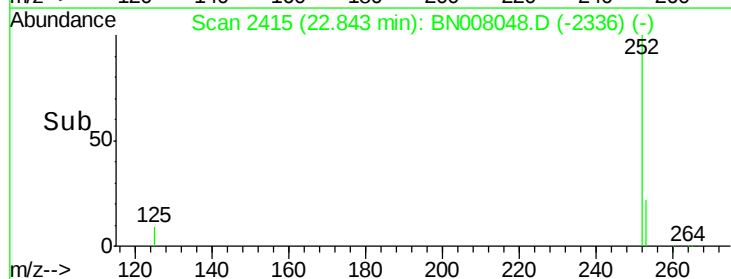
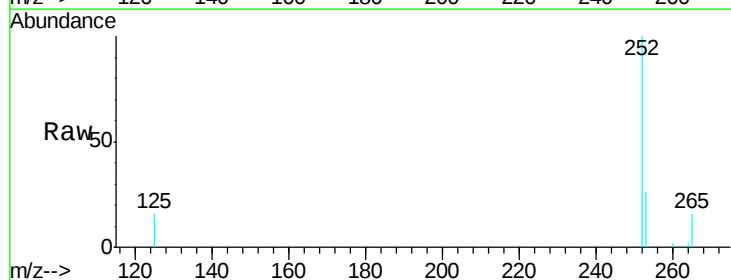
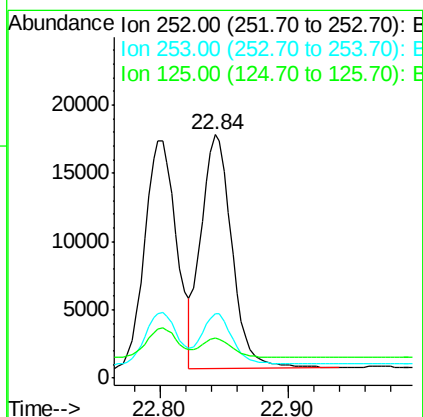
Manual Integrations
APPROVED

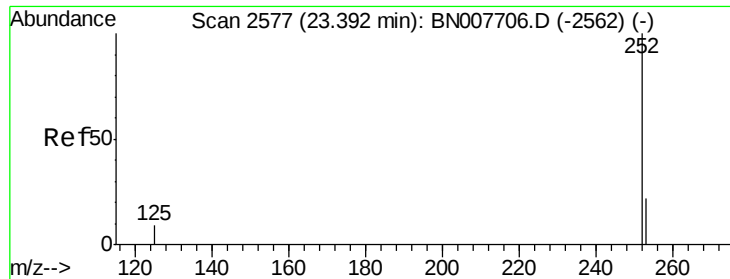
mohammad
10/7/2019 4:40:38 PM



#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.84 min Scan# 2415
Delta R.T. -0.03 min
Lab File: BN008048.D
Acq: 06 Oct 2019 06:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.5	27.7
125	16.4	8.4	12.6





#37

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.37 min Scan# 2568

Delta R.T. -0.03 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

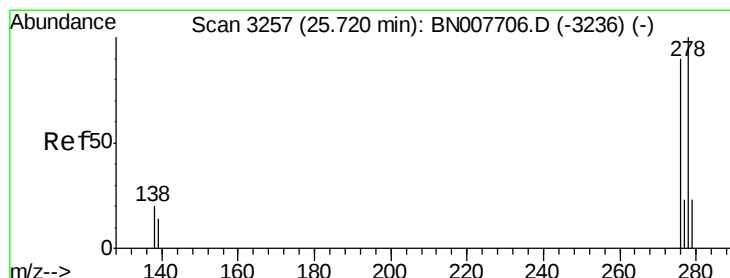
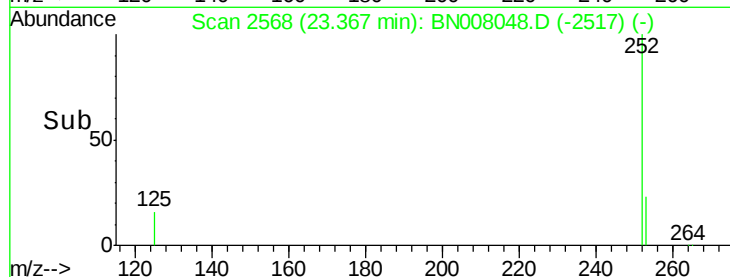
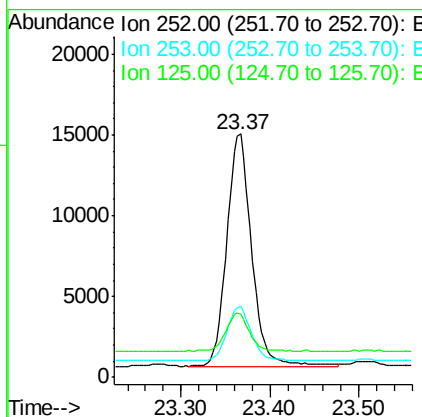
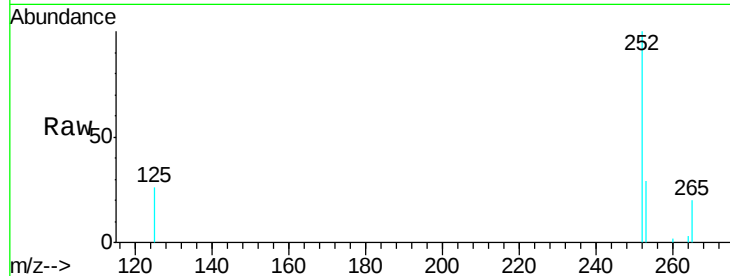
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	252	Resp:	27906
Ion Ratio	Lower	Upper	
252	100		
253	29.1	18.6	27.8#
125	25.9	9.4	14.0#

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM



#38

Dibenzo(a,h)anthracene

Concen: 0.394 ng

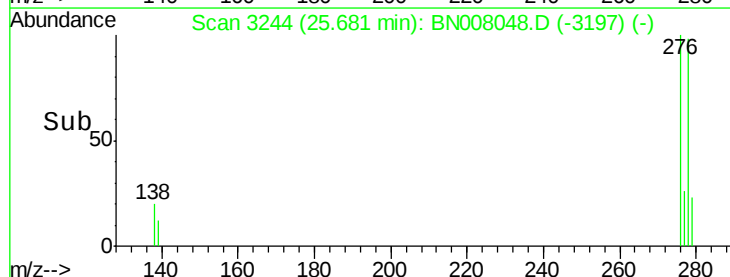
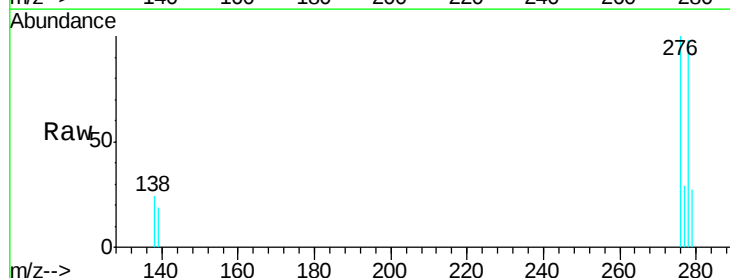
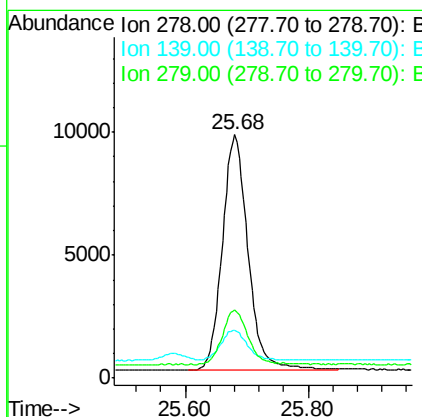
RT: 25.68 min Scan# 3244

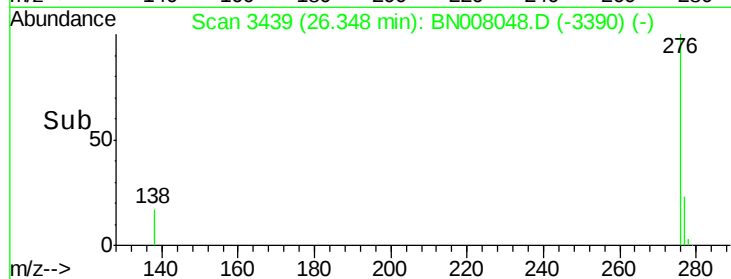
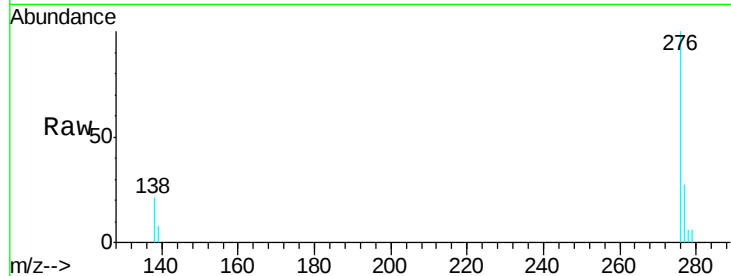
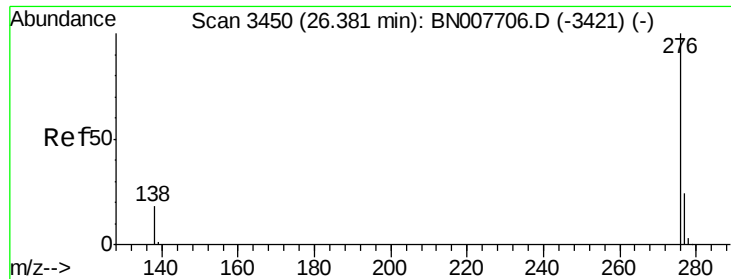
Delta R.T. -0.04 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Tgt Ion:	278	Resp:	27964
Ion Ratio	Lower	Upper	
278	100		
139	19.6	11.8	17.6#
279	28.1	19.4	29.2





#39

Benzo(g,h,i)perylene

Concen: 0.403 ng

RT: 26.35 min Scan# 3439

Delta R.T. -0.03 min

Lab File: BN008048.D

Acq: 06 Oct 2019 06:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	27.4	19.8	29.8	
138	21.4	15.1	22.7	

Manual Integrations
APPROVED

mohammad
10/7/2019 4:40:38 PM

