

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
 Data File : BN007378.D
 Acq On : 25 Aug 2019 01:18
 Operator : HP/JU
 Sample : PB122506BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122506BS

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:40:25 PM

Quant Time: Aug 25 05:30:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	7910	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	30942	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	14381	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	26585	0.40	ng	0.00
27) Chrysene-d12	21.02	240	23323	0.40	ng	0.00
34) Perylene-d12	23.12	264	28183	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	5697	0.19	ng	0.00
5) Phenol-d6	6.59	99	7131	0.19	ng	0.00
8) Nitrobenzene-d5	8.53	82	5297	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	10857m	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1031	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	13526	0.23	ng	0.00
25) Fluoranthene-d10	18.84	212	16823	0.20	ng	0.00
29) Terphenyl-d14	19.47	244	12681	0.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	2254	0.172	ng	# 98
3) n-Nitrosodimethylamine	3.32	42	1232	0.202	ng	# 82
6) bis(2-Chloroethyl)ether	6.84	93	5971	0.209	ng	95
9) Naphthalene	10.20	128	19315	0.218	ng	# 90
10) Hexachlorobutadiene	10.51	225	3872	0.214	ng	# 100
12) 2-Methylnaphthalene	11.83	142	12767	0.212	ng	98
16) Acenaphthylene	13.76	152	17724	0.208	ng	99
17) Acenaphthene	14.11	154	10651	0.214	ng	99
18) Fluorene	15.10	166	12243	0.194	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	2544	0.243	ng	94
21) Hexachlorobenzene	16.11	284	4390	0.246	ng	94
22) Pentachlorophenol	16.46	266	1844	0.333	ng	# 64
23) Phenanthrene	16.84	178	16708	0.209	ng	100
24) Anthracene	16.93	178	15723	0.195	ng	99
26) Fluoranthene	18.87	202	21400	0.208	ng	100
28) Pyrene	19.24	202	21594	0.230	ng	100
30) Benzo(a)anthracene	21.00	228	19589	0.214	ng	100
31) Chrysene	21.06	228	21494	0.243	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	9499	0.141	ng	98
33) Indeno(1,2,3-cd)pyrene	25.19	276	28816	0.271	ng	99
35) Benzo(b)fluoranthene	22.50	252	22603	0.221	ng	98
36) Benzo(k)fluoranthene	22.54	252	23479	0.233	ng	# 96
37) Benzo(a)pyrene	23.03	252	22331	0.230	ng	97
38) Dibenzo(a,h)anthracene	25.21	278	23420	0.242	ng	96
39) Benzo(g,h,i)perylene	25.81	276	25096	0.260	ng	97

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

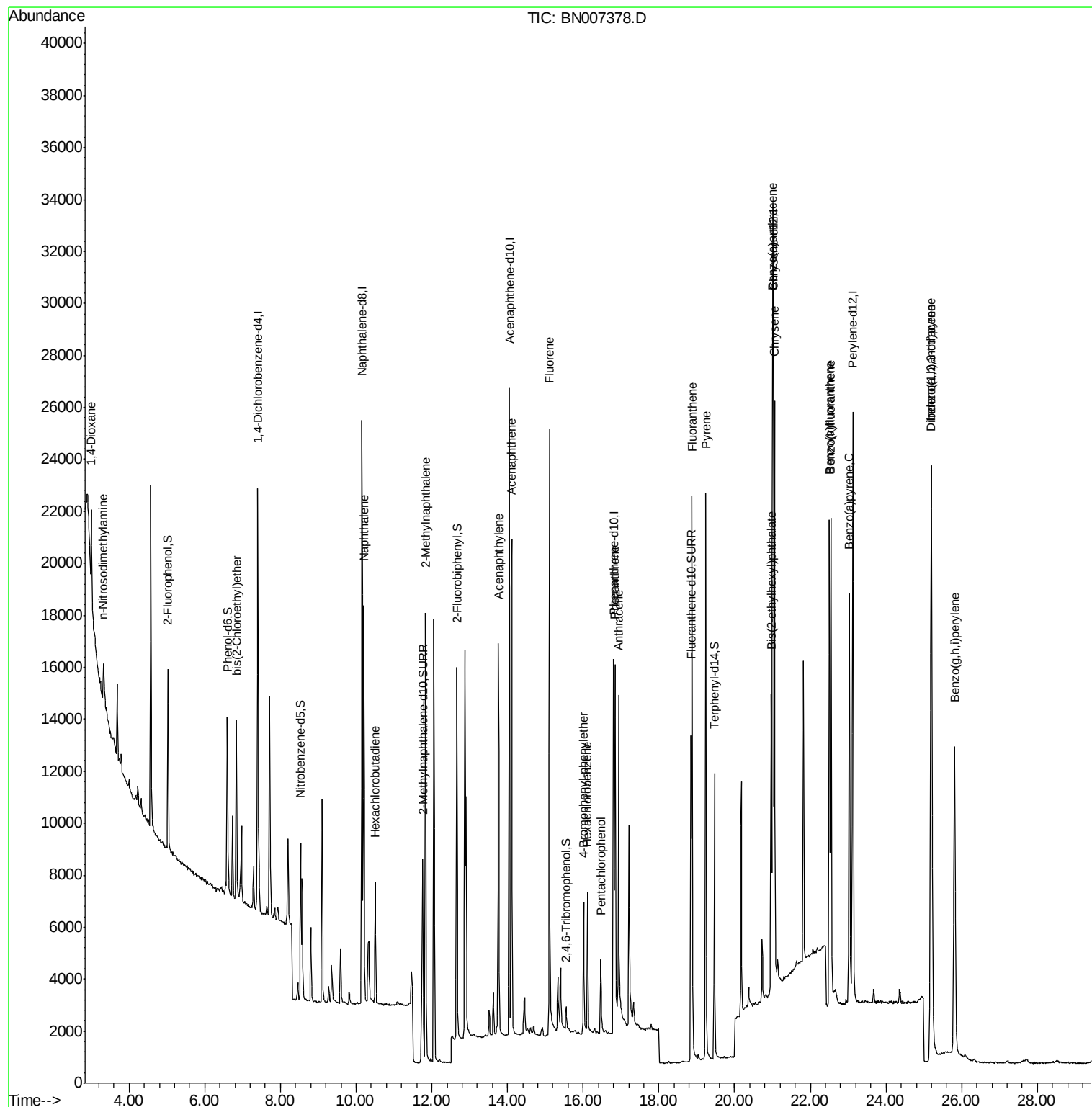
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
Data File : BN007378.D
Acq On : 25 Aug 2019 01:18
Operator : HP/JU
Sample : PB122506BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

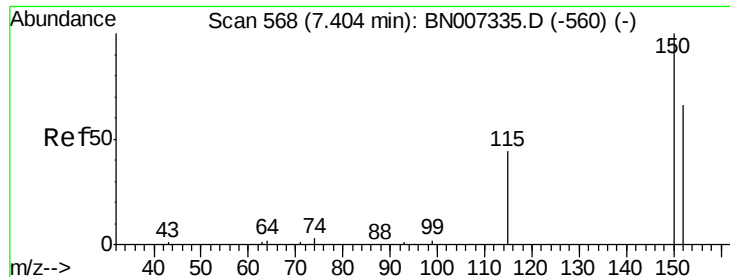
Instrument :
BNA_N
ClientSampleId :
PB122506BS

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM

Quant Time: Aug 25 05:30:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration





#1

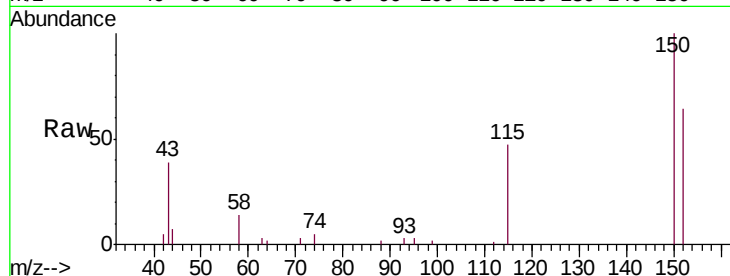
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	109.1	163.7
115	73.0	59.6	89.4

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM

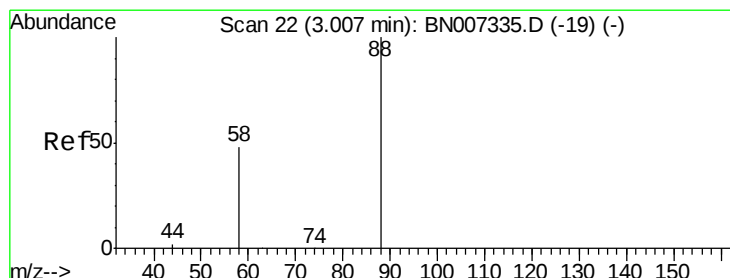
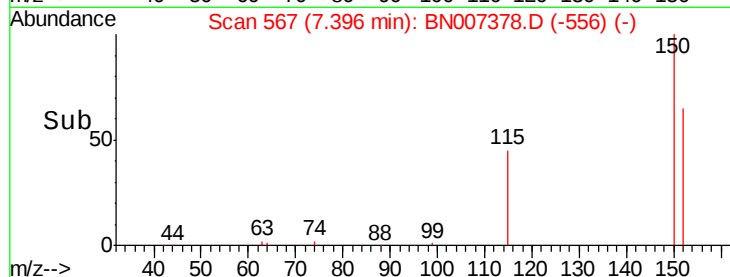
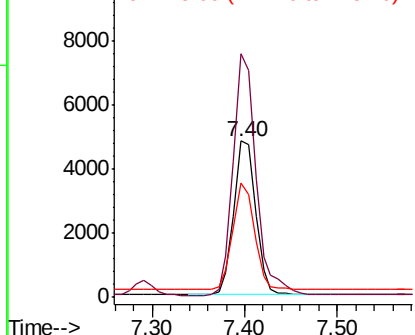


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

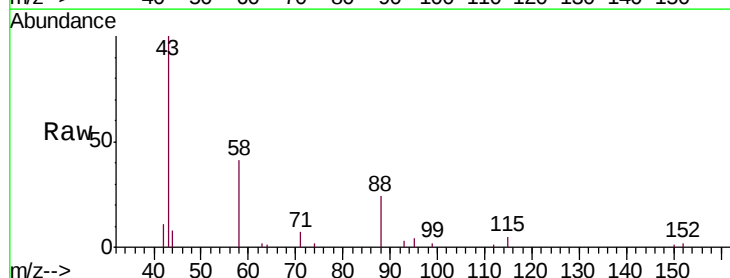
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.172 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	50.5	75.7
43	0.0	0.0	0.0

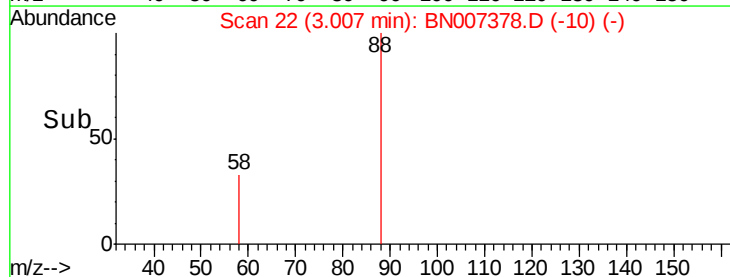
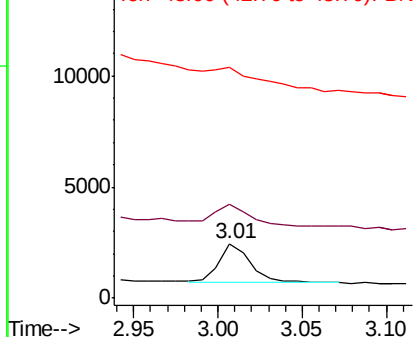


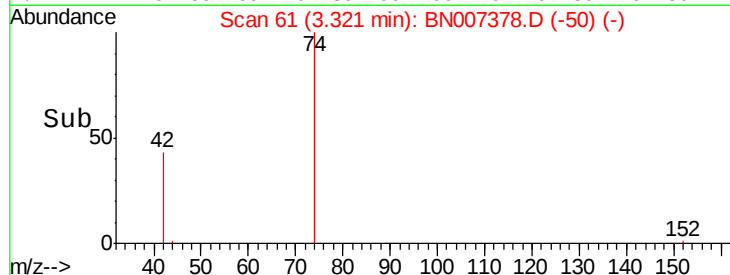
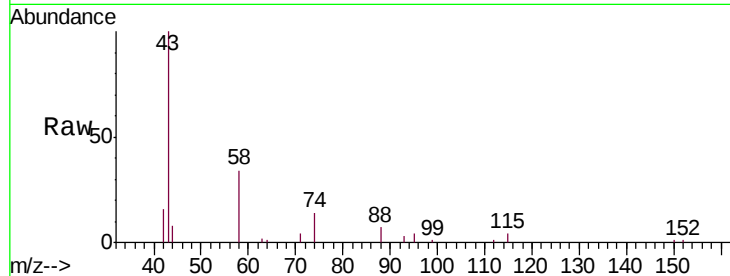
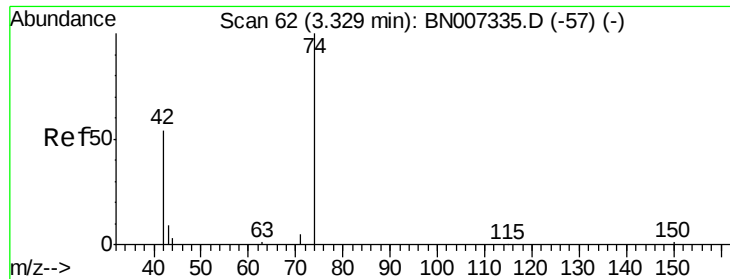
Abundance

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





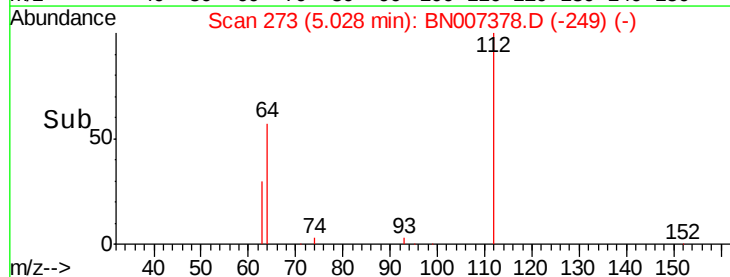
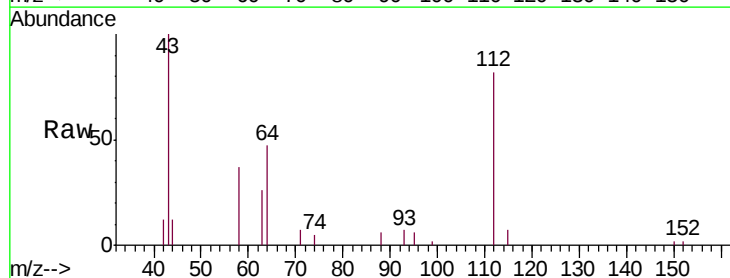
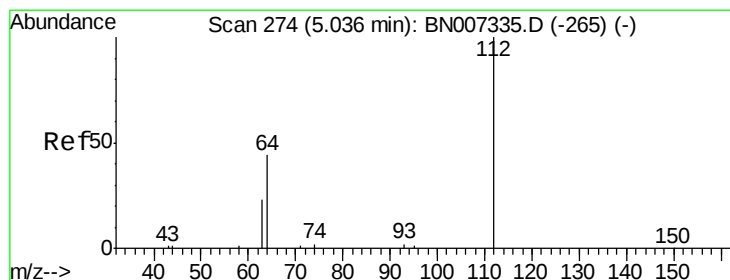
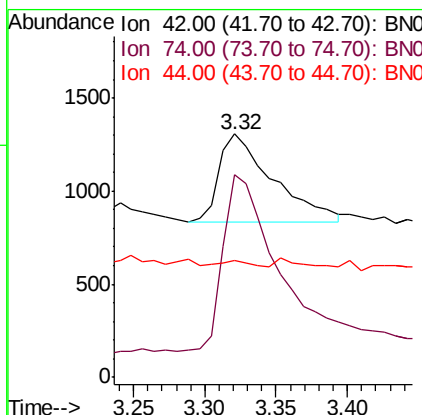
#3
n-Nitrosodimethylamine
Concen: 0.202 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tot Ion:	42	Resp:	1232
Ion	Ratio	Lower	Upper
42	100		
74	206.7	144.7	217.1
44	2.7	3.2	4.8#

Instrument :
BNA_N
ClientSampleId :
PB122506BS

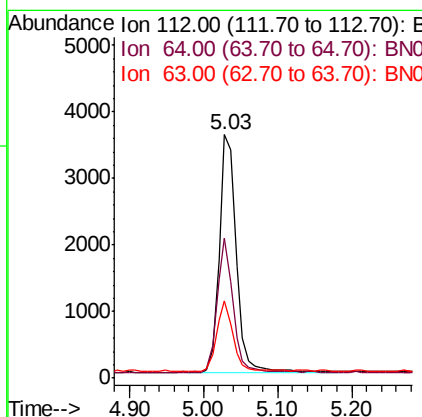
Manual Integrations
APPROVED

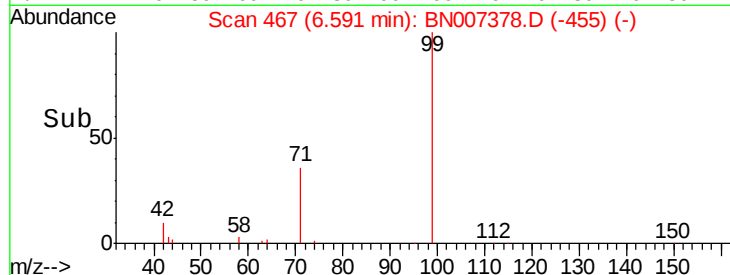
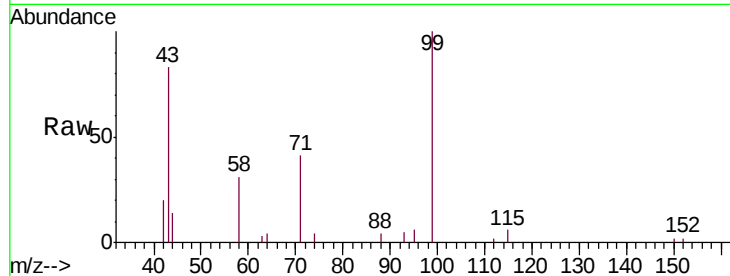
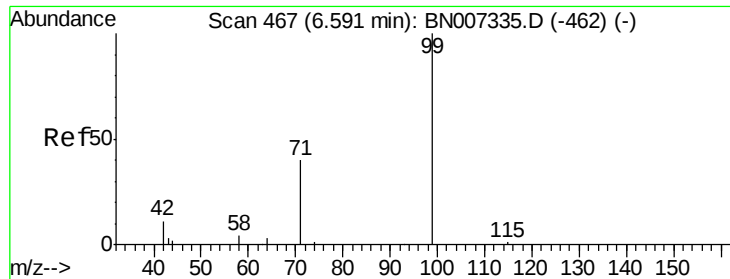
mohammad
8/31/2019 2:40:25 PM



#4
2-Fluorophenol
Concen: 0.193 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:	112	Resp:	5697
Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.3	63.5
63	27.6	23.6	35.4





#5

Phenol-d6

Concen: 0.188 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Tot Ion:	99	Resp:	7131
Ion	Ratio	Lower	Upper
99	100		
42	12.6	11.2	16.8
71	35.1	31.8	47.8

Instrument :

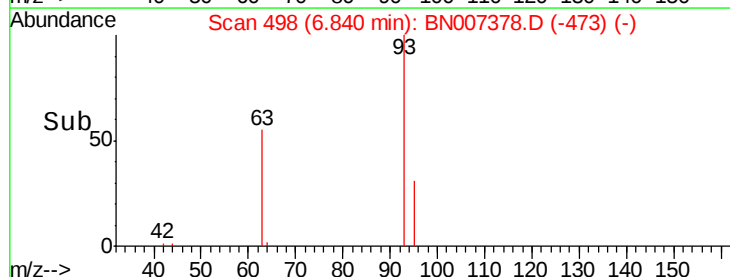
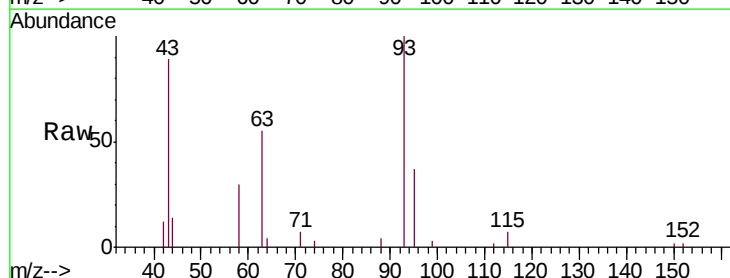
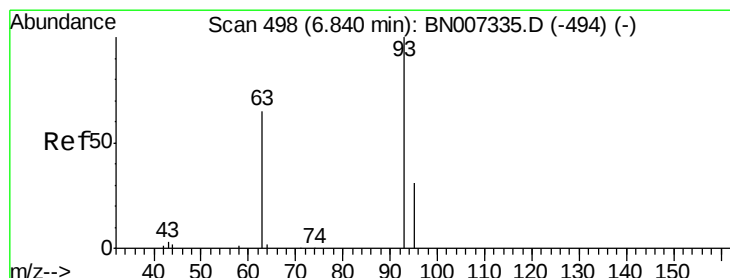
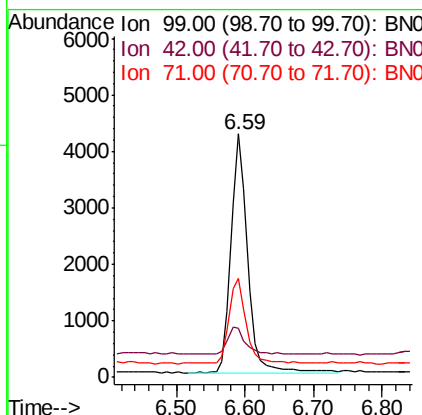
BNA_N

ClientSampleId :

PB122506BS

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.209 ng

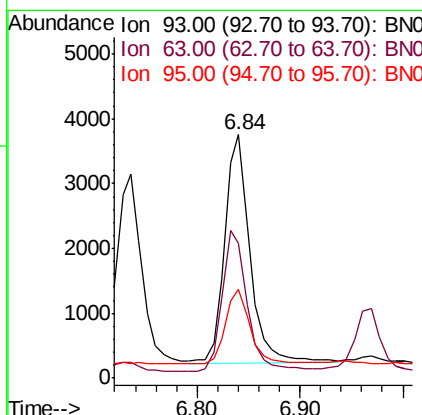
RT: 6.84 min Scan# 498

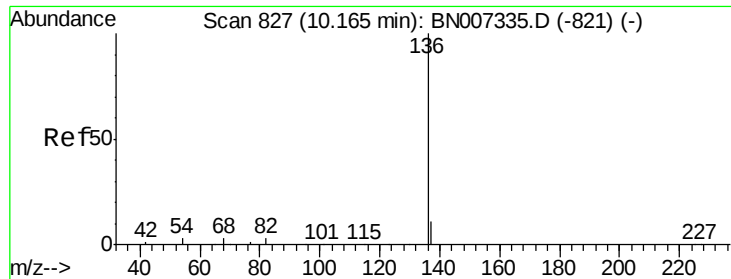
Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Tgt Ion:	93	Resp:	5971
Ion	Ratio	Lower	Upper
93	100		
63	61.2	51.9	77.9
95	31.7	27.7	41.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

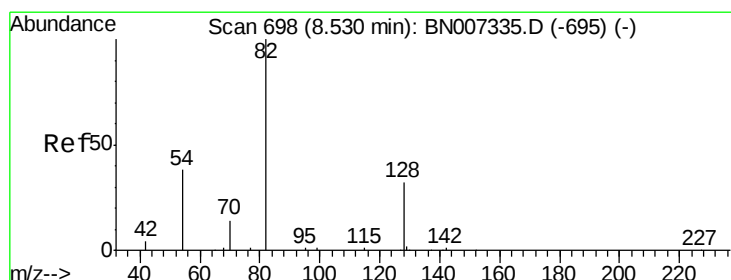
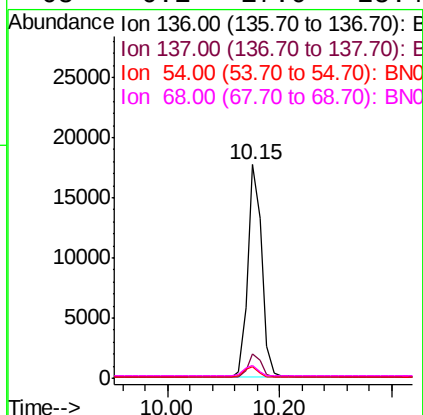
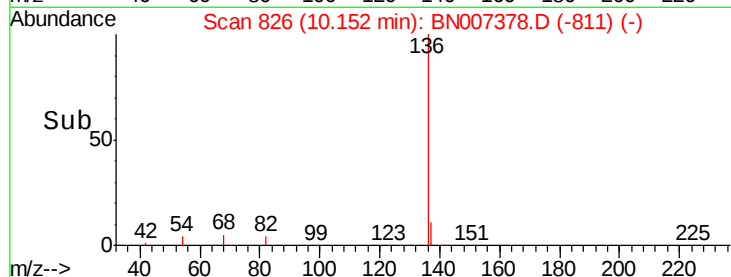
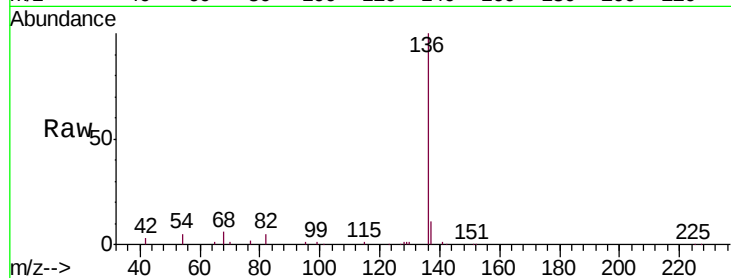
ClientSampled :

PB122506BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	5.1	8.6	12.8#
68	6.1	17.0	25.4#

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM



#8

Nitrobenzene-d5

Concen: 0.197 ng

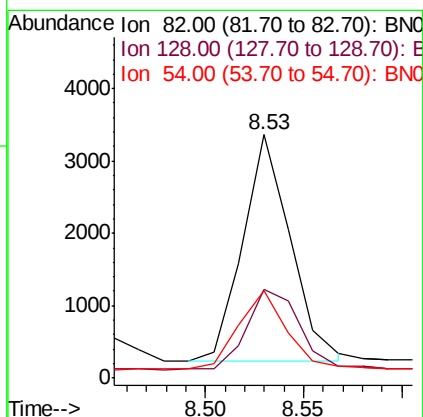
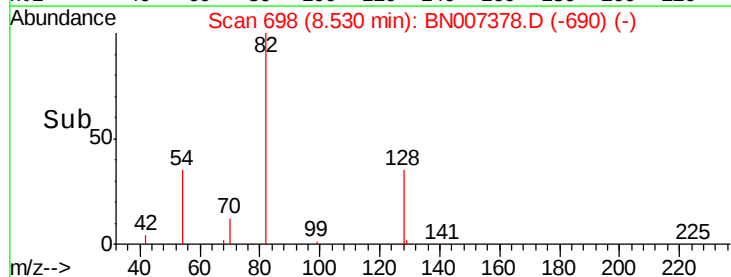
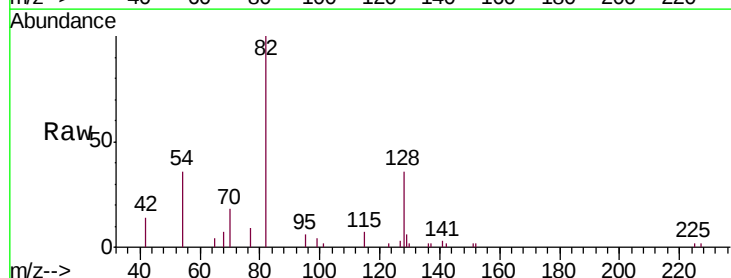
RT: 8.53 min Scan# 698

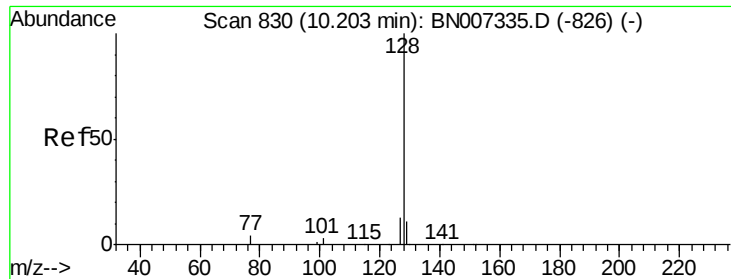
Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	19.7	29.5#
54	35.9	25.8	38.6





#9

Naphthalene

Concen: 0.218 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

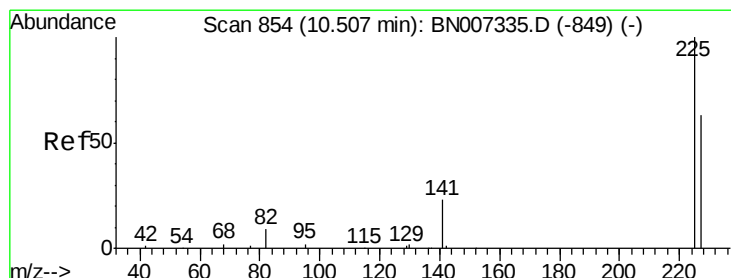
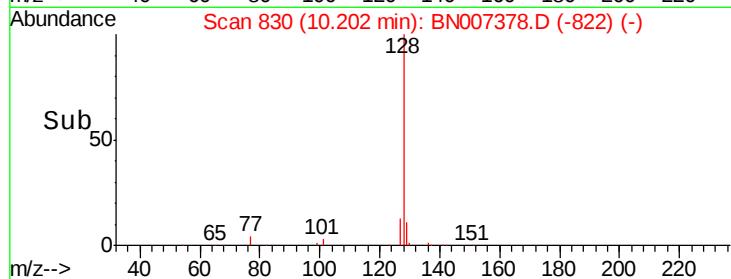
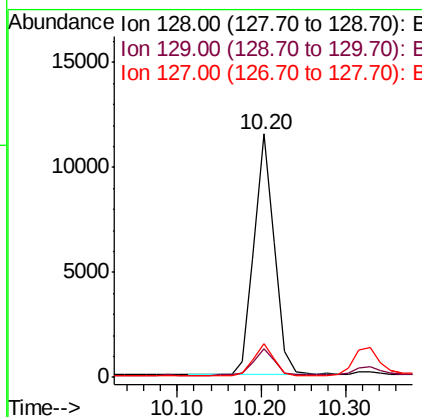
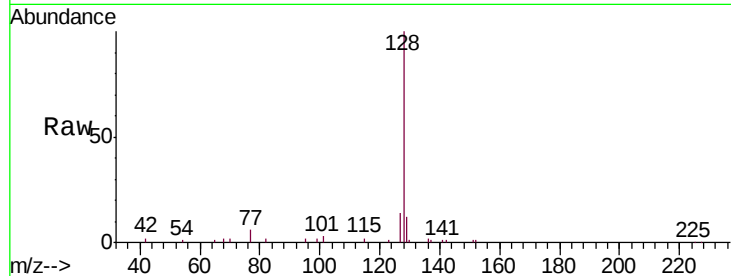
ClientSampleId :

PB122506BS

Tot Ion:	128	Resp:	19315
Ion Ratio	Lower	Upper	
128	100		
129	11.6	11.1	16.7
127	13.7	15.5	23.3#

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM



#10

Hexachlorobutadiene

Concen: 0.214 ng

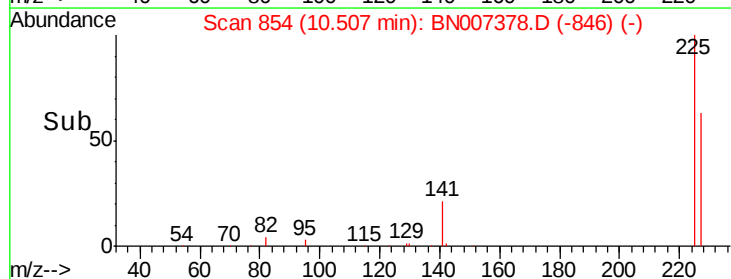
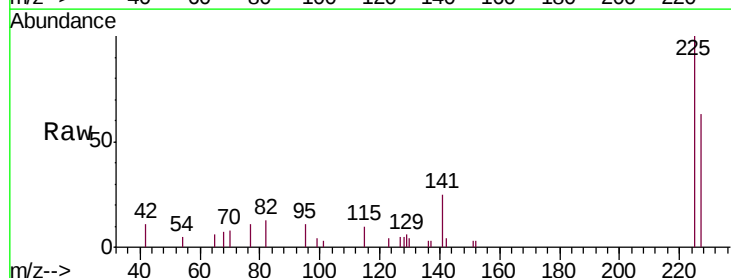
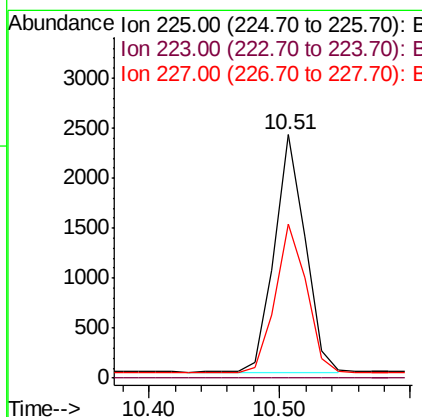
RT: 10.51 min Scan# 854

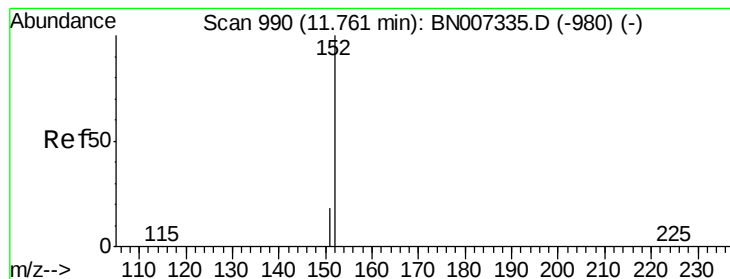
Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Tgt Ion:	225	Resp:	3872
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.6	50.7	76.1





#11

2-Methylnaphthalene-d10

Concen: 0.211 ng m

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

Tot Ion:152 Resp: 10857

Ion Ratio Lower Upper

152 100

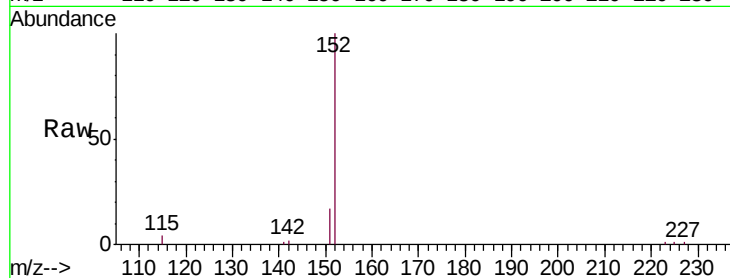
151 19.8 16.2 24.2

Manual Integrations

APPROVED

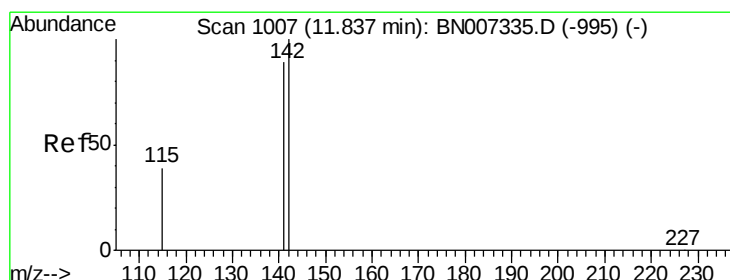
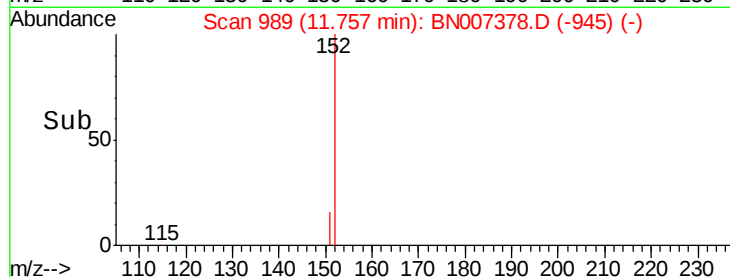
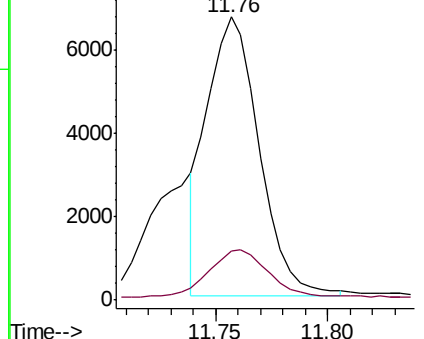
mohammad

8/31/2019 2:40:25 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.212 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

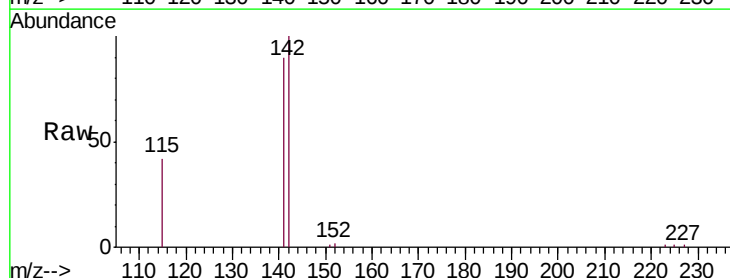
Tgt Ion:142 Resp: 12767

Ion Ratio Lower Upper

142 100

141 90.2 72.8 109.2

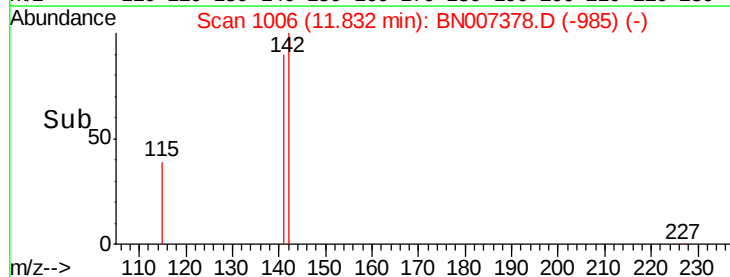
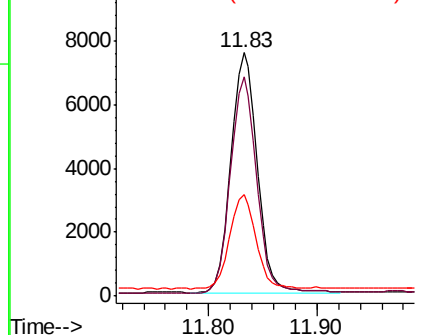
115 41.9 35.2 52.8

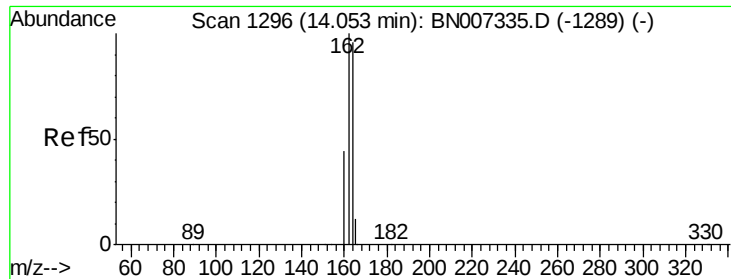


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





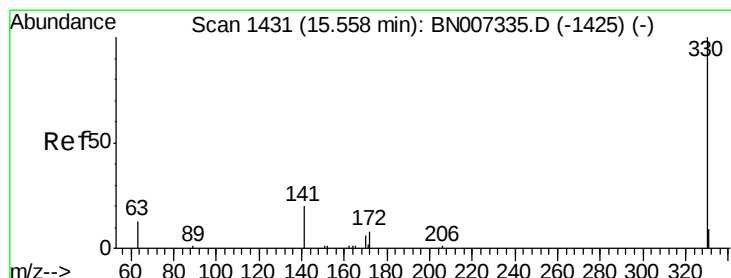
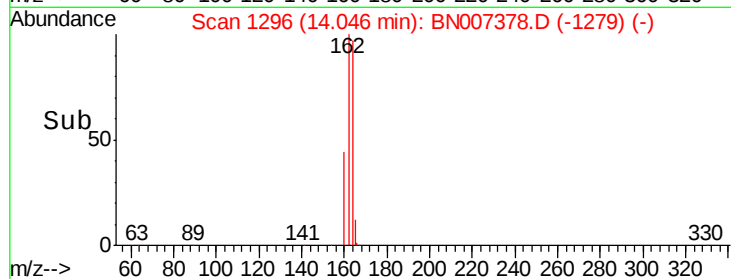
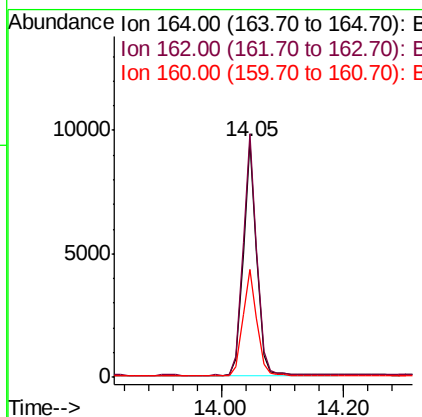
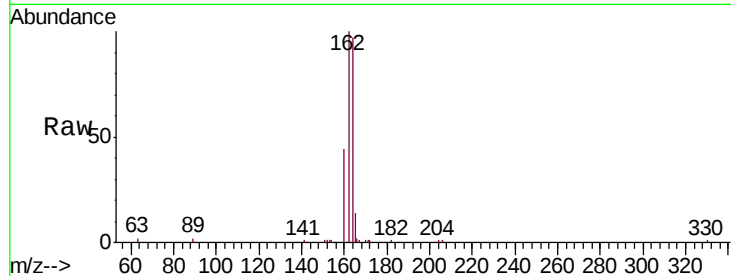
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampled :
PB122506BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.5	125.3
160	46.0	38.2	57.4

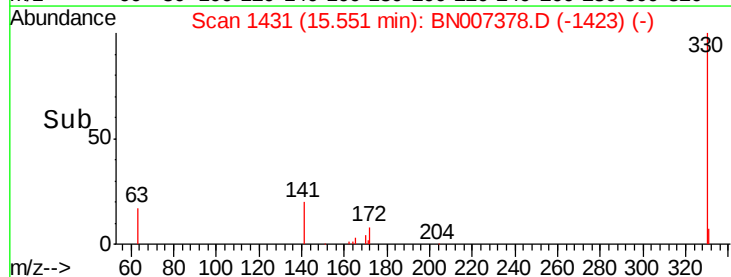
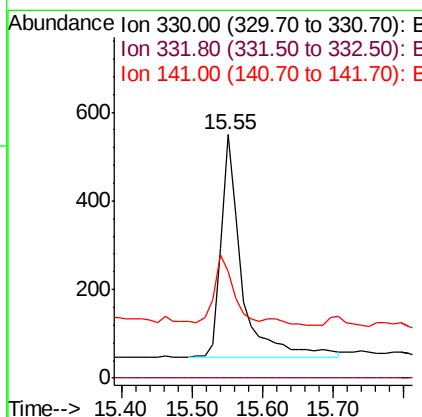
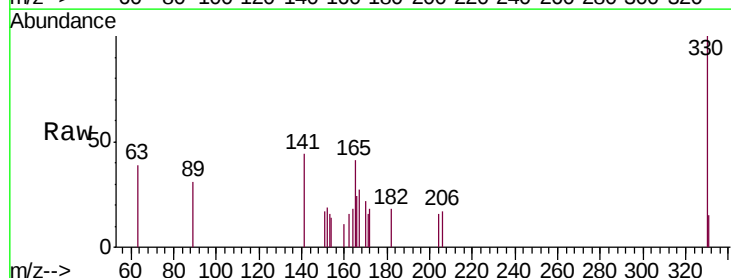
Manual Integrations
APPROVED

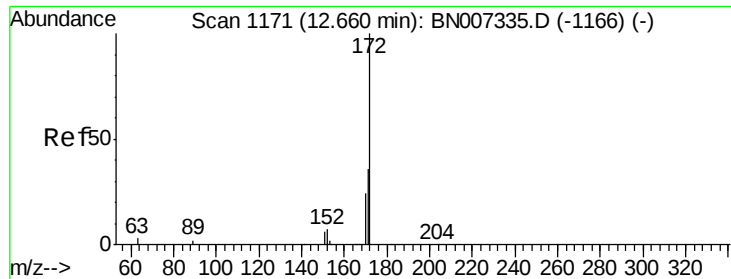
mohammad
8/31/2019 2:40:25 PM



#14
2,4,6-Tribromophenol
Concen: 0.137 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.2	26.9	40.3





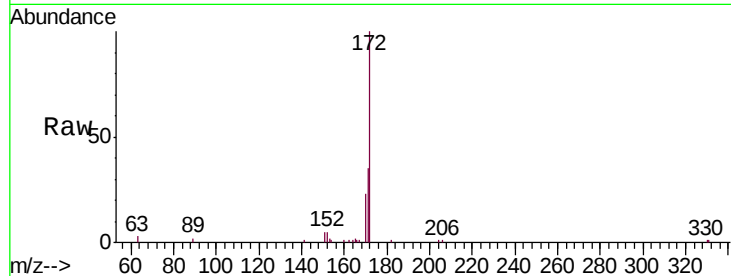
#15
2-Fluorobiphenyl
Concen: 0.233 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.3	45.5
170	22.8	20.7	31.1

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM

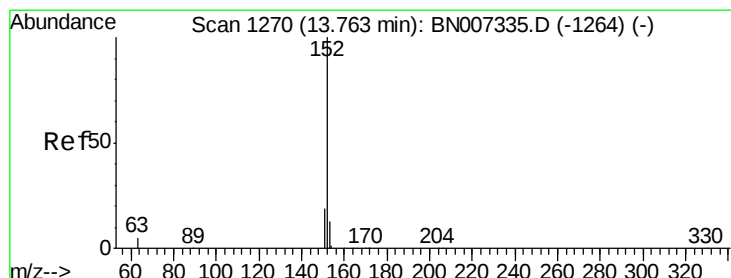
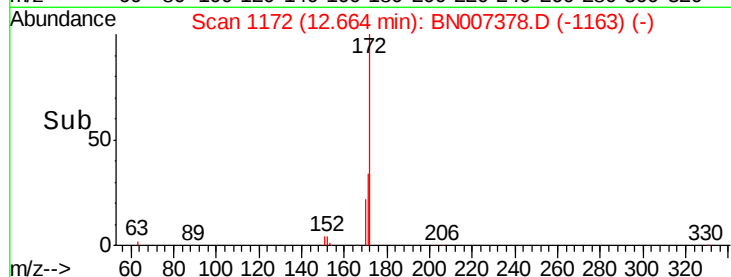
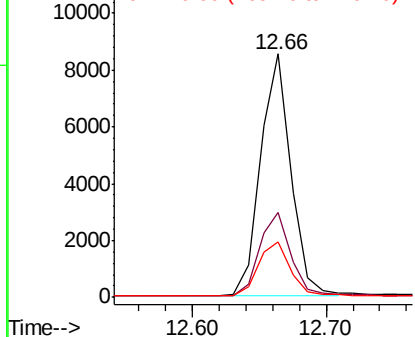


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.208 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

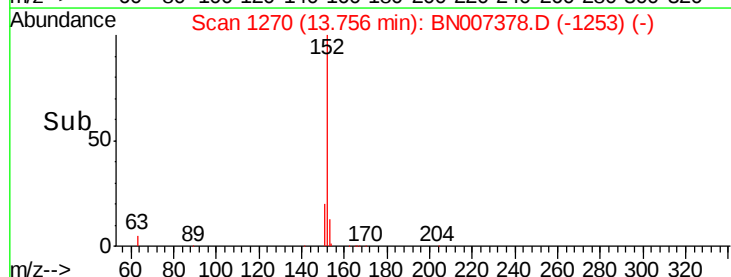
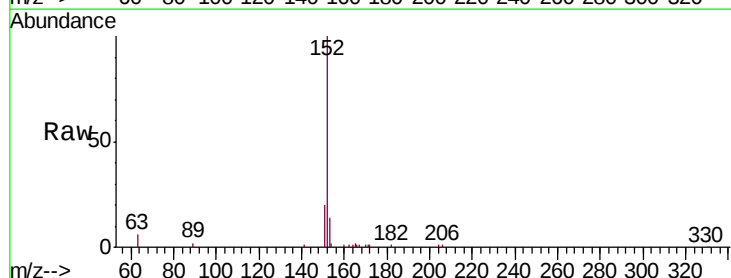
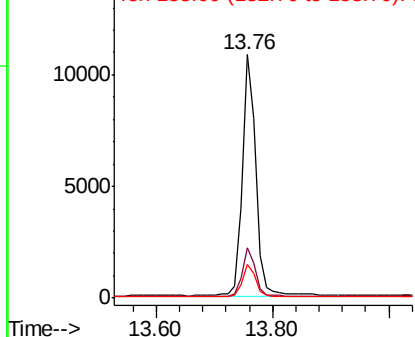
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.0	10.6	15.8

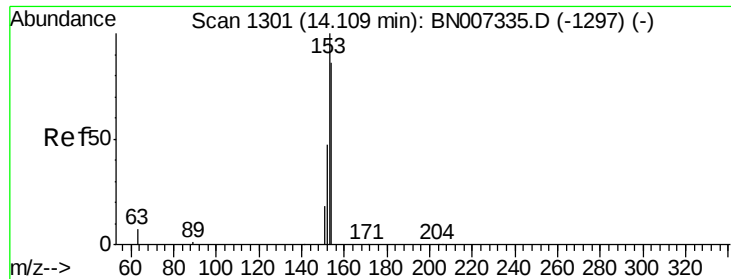
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





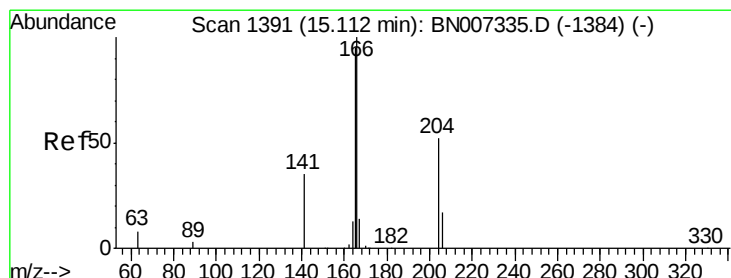
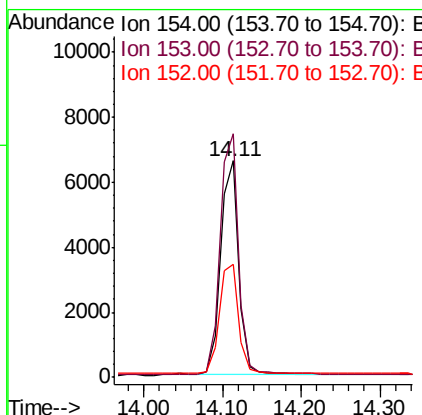
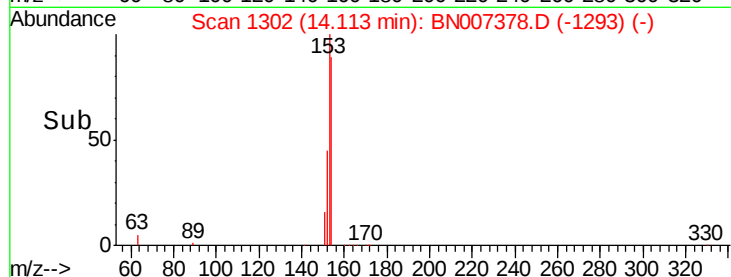
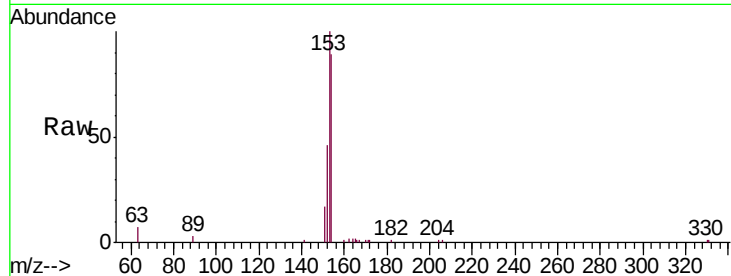
#17
Acenaphthene
Concen: 0.214 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.7	92.8	139.2
152	53.8	43.8	65.8

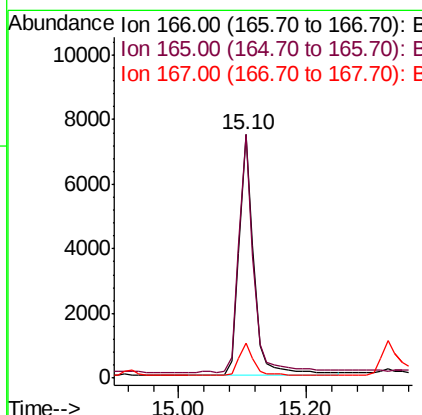
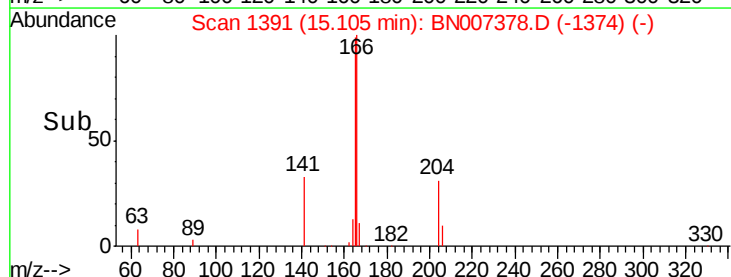
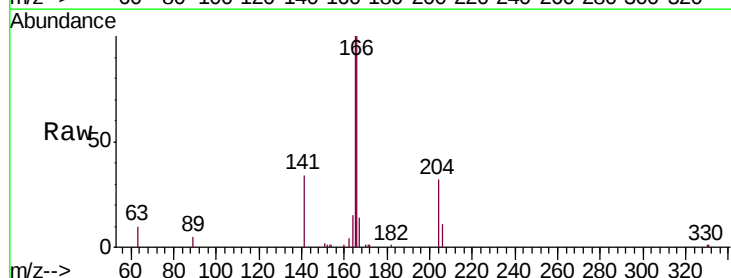
Manual Integrations
APPROVED

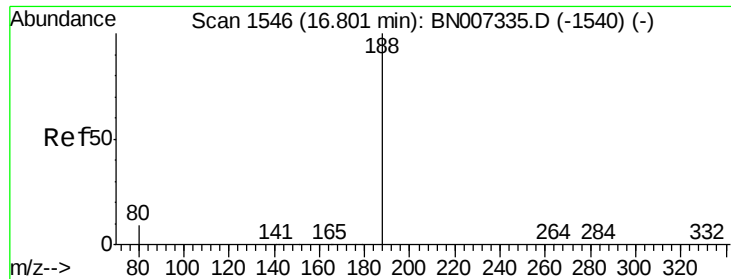
mohammad
8/31/2019 2:40:25 PM



#18
Fluorene
Concen: 0.194 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	13.1	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

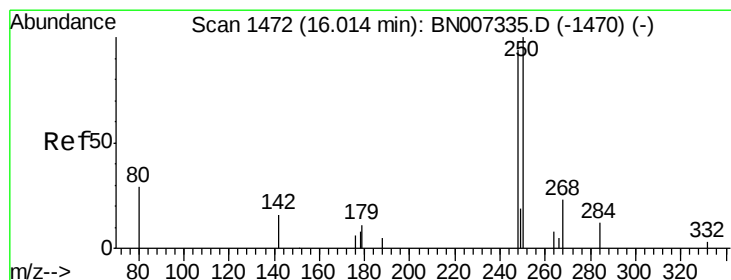
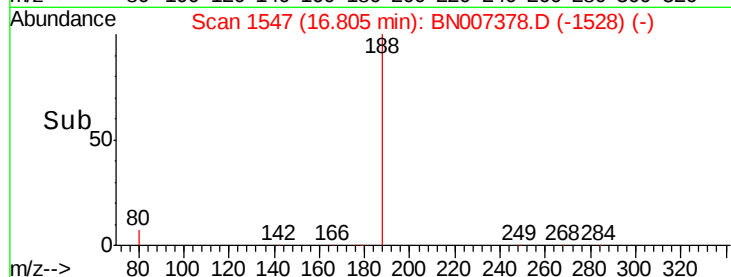
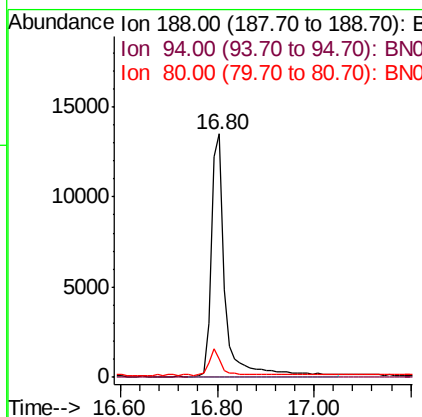
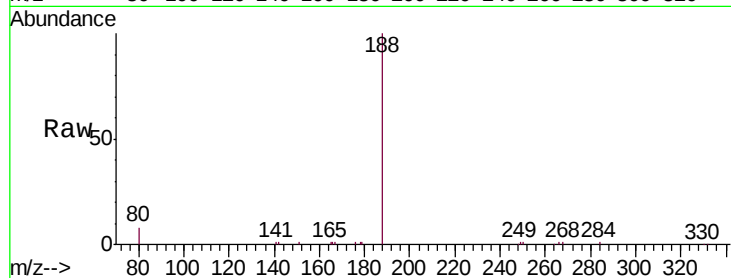
ClientSampleId :

PB122506BS

Tot Ion:	188	Resp:	26585
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.5	11.8	17.8#

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM



#20

4-Bromophenyl-phenylether

Concen: 0.243 ng

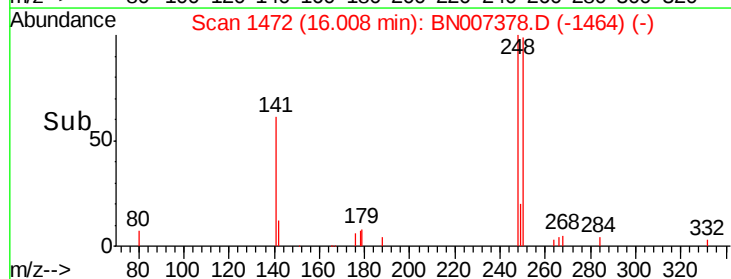
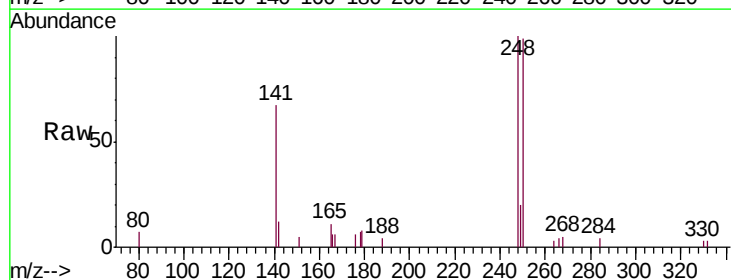
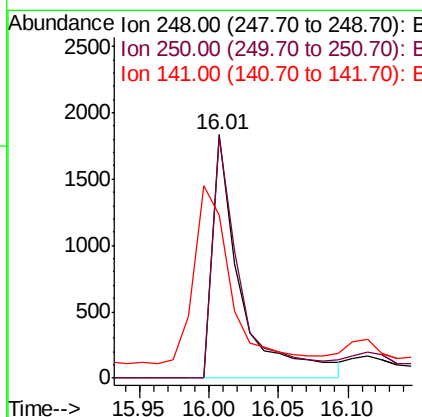
RT: 16.01 min Scan# 1472

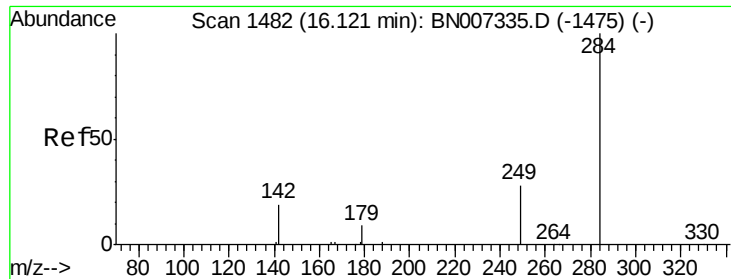
Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Tgt Ion:	248	Resp:	2544
Ion Ratio	Lower	Upper	
248	100		
250	99.0	85.0	127.6
141	67.1	51.7	77.5





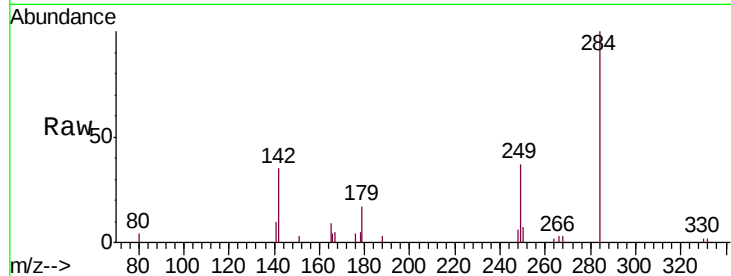
#21
Hexachlorobenzene
Concen: 0.246 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

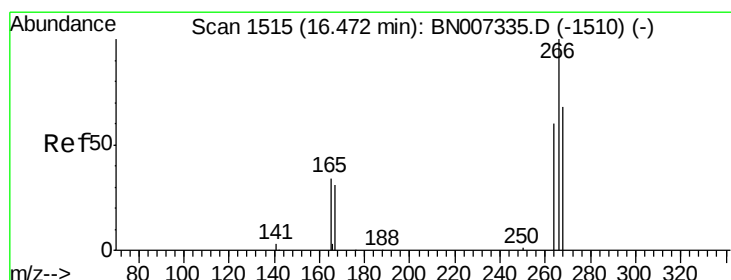
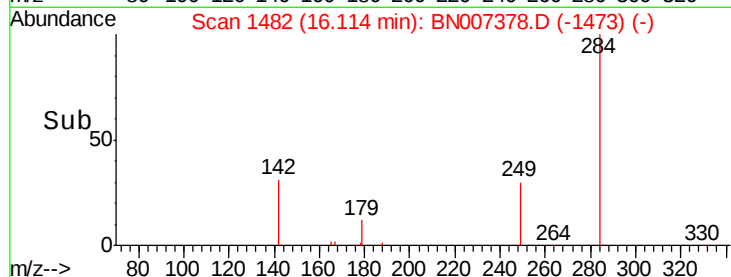
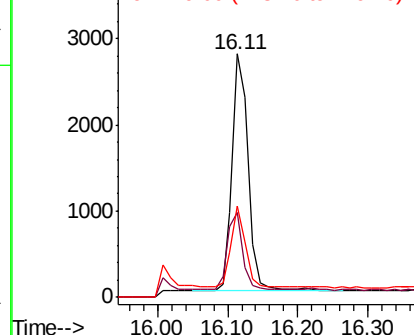
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.4	29.0	43.6
249	29.6	24.9	37.3

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM

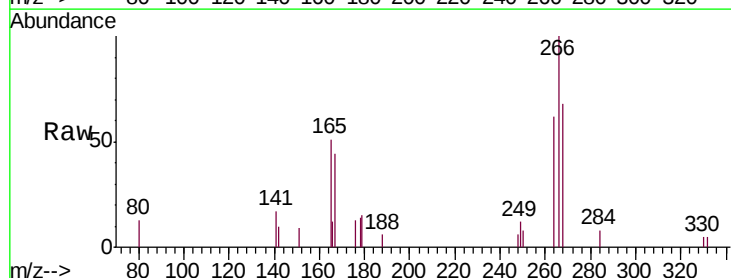


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

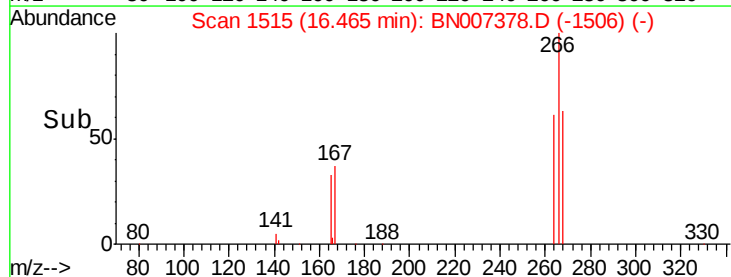
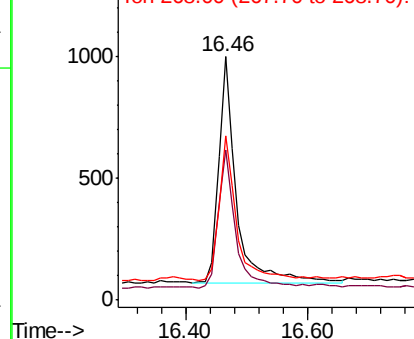


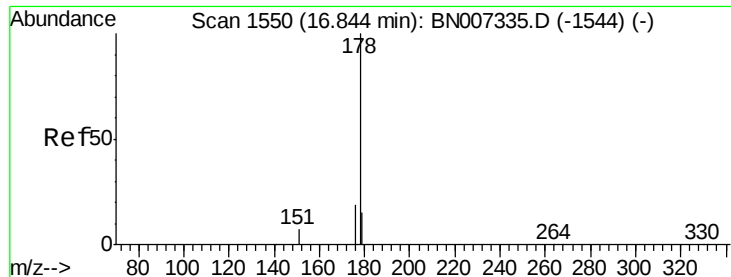
#22
Pentachlorophenol
Concen: 0.333 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	57.8	86.8
268	67.6	99.7	149.5#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.209 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

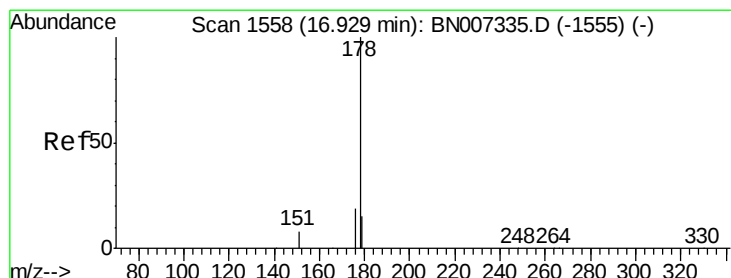
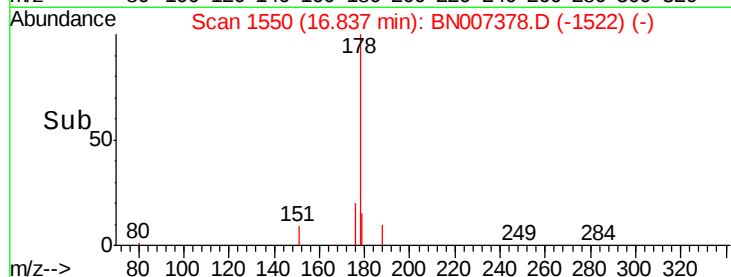
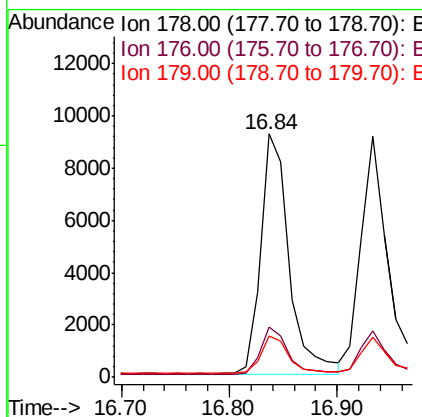
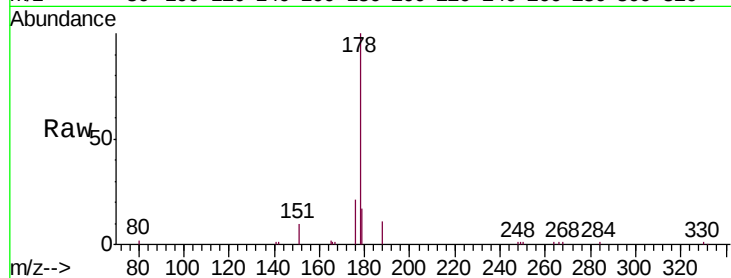
ClientSampleId :

PB122506BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.6	19.0

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM



#24

Anthracene

Concen: 0.195 ng

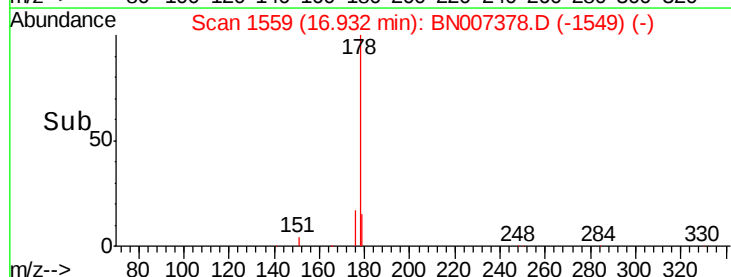
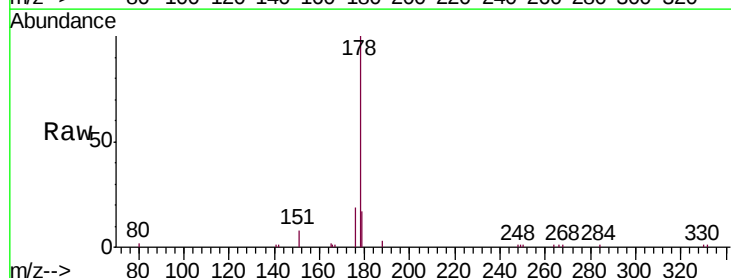
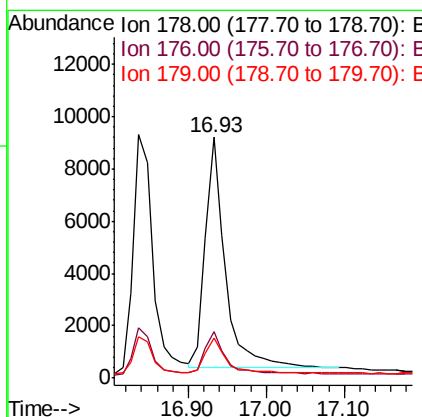
RT: 16.93 min Scan# 1559

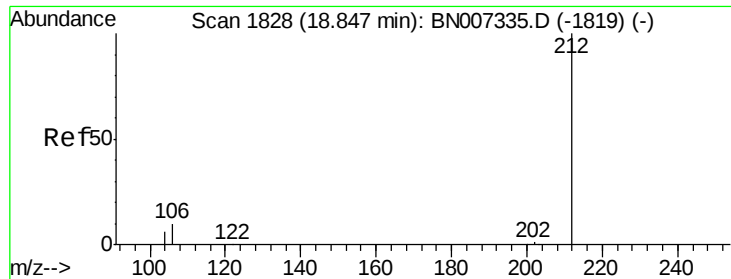
Delta R.T. 0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	14.8	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.196 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

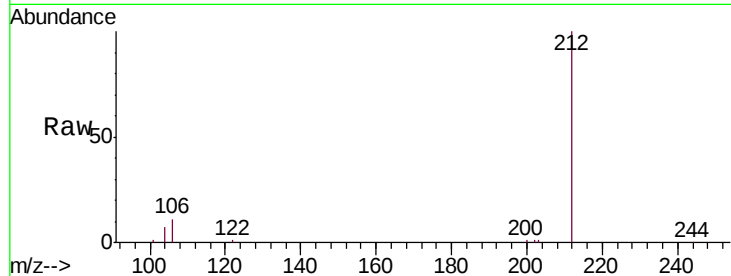
ClientSampleId :

PB122506BS

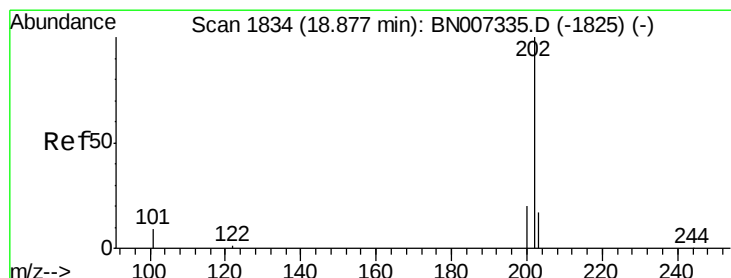
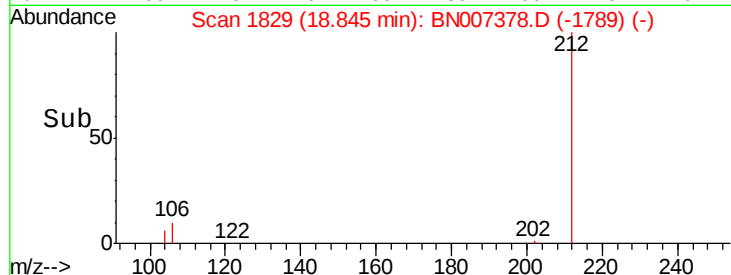
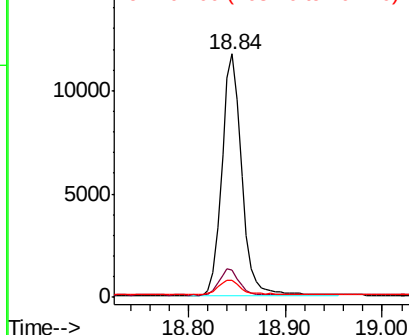
Tot Ion:	212	Resp:	16823
Ion Ratio	Lower	Upper	
212	100		
106	11.1	9.0	13.4
104	6.4	5.4	8.2

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.208 ng

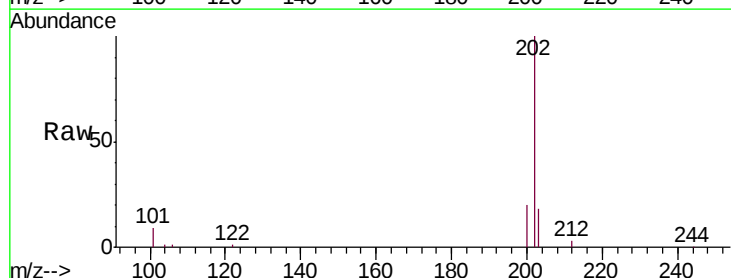
RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

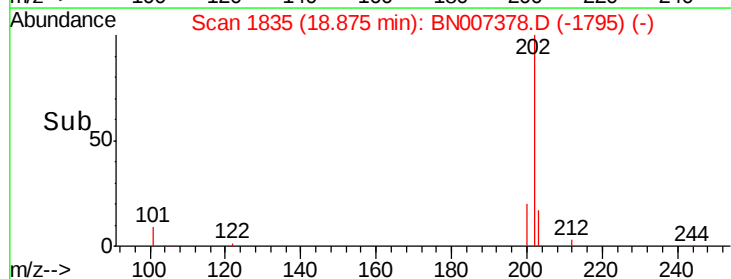
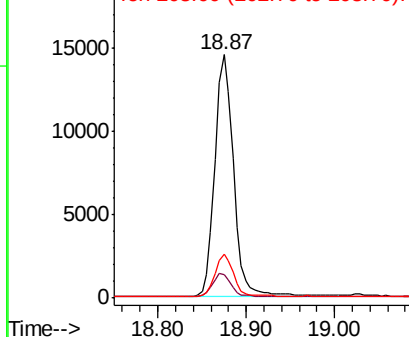
Lab File: BN007378.D

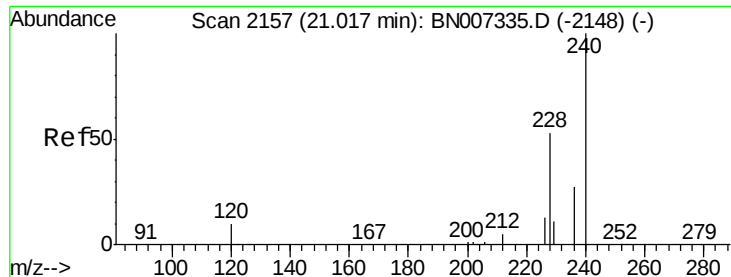
Acq: 25 Aug 2019 01:18

Tgt Ion:	202	Resp:	21400
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.7	11.5
203	17.1	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

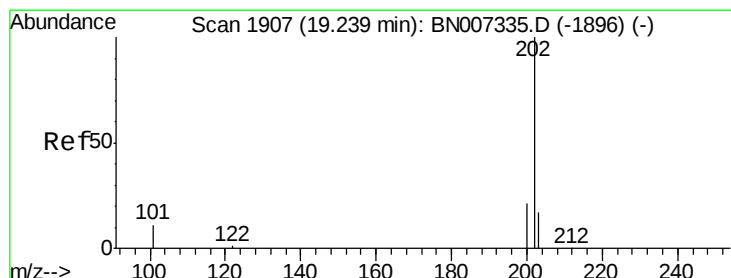
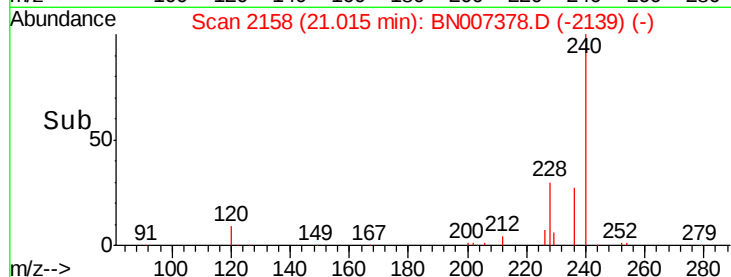
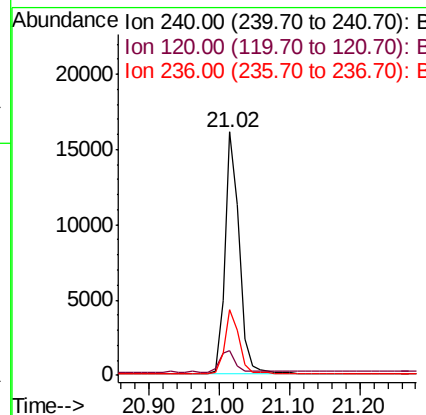
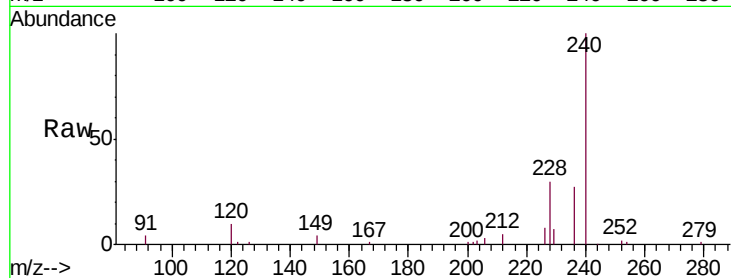
ClientSampleId :

PB122506BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.6	14.4
236	27.2	22.2	33.2

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM



#28

Pyrene

Concen: 0.230 ng

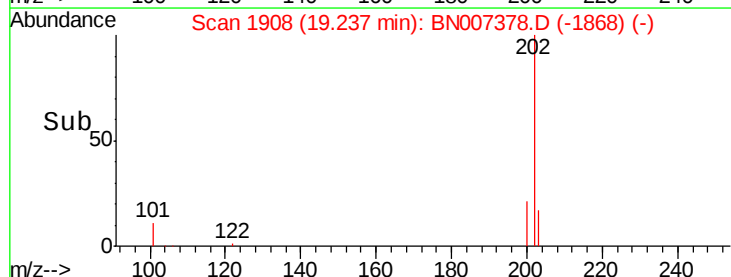
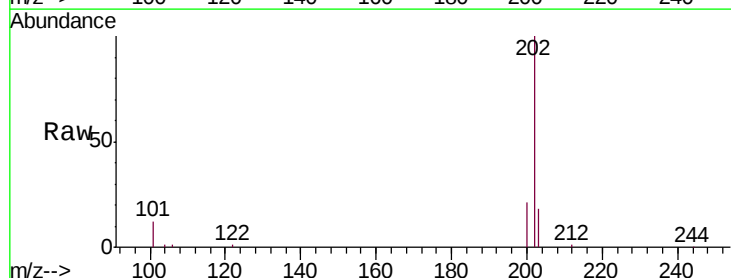
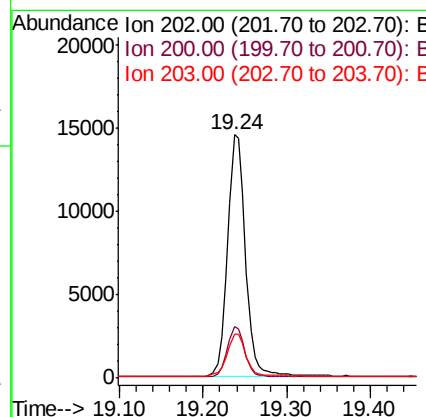
RT: 19.24 min Scan# 1908

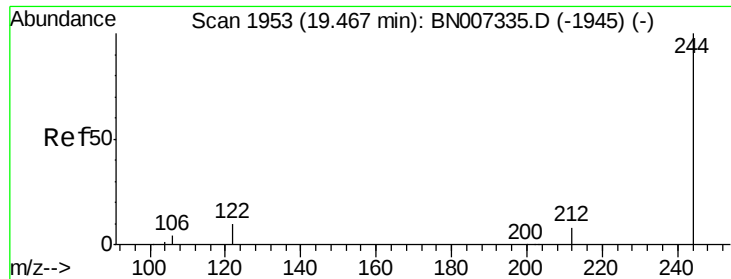
Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	18.0	14.2	21.4





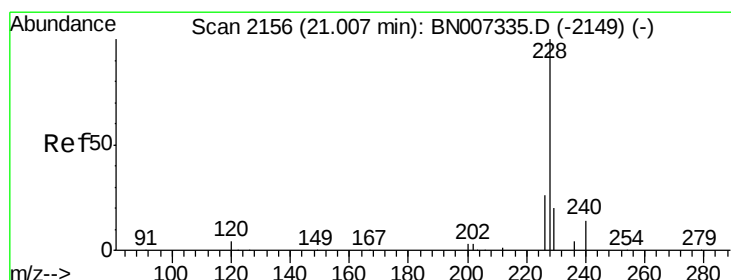
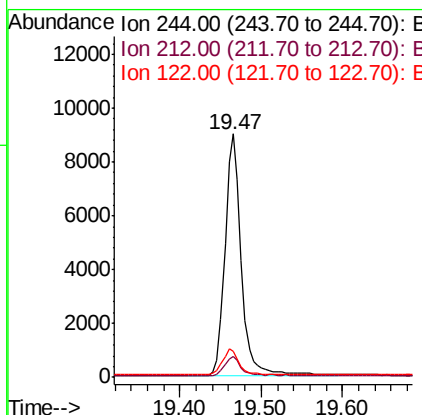
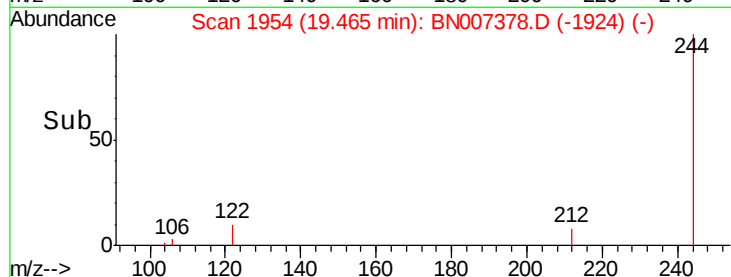
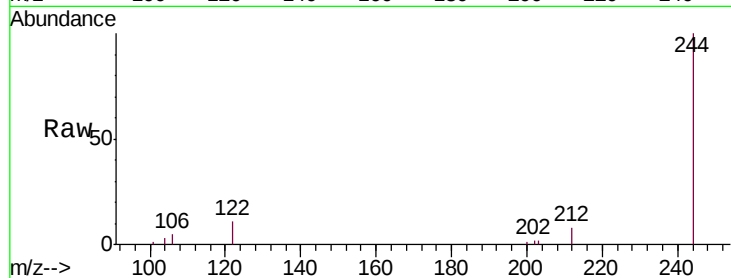
#29
 Terphenyl-d14
 Concen: 0.208 ng
 RT: 19.47 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BN007378.D
 Acq: 25 Aug 2019 01:18

Instrument :
 BNA_N
 ClientSampleId :
 PB122506BS

Tot Ion:	244	Resp:	12681
Ion Ratio	Lower	Upper	
244	100		
212	8.4	7.0	10.6
122	10.7	9.6	14.4

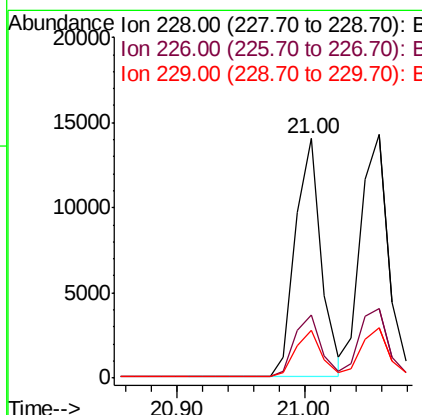
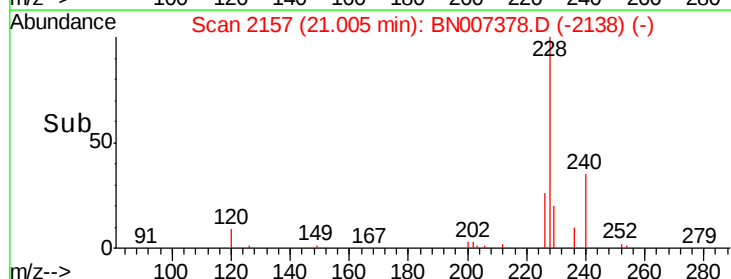
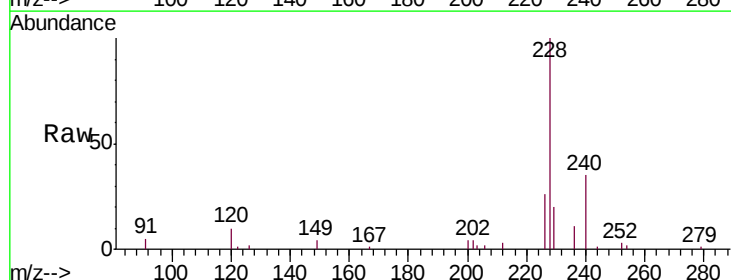
Manual Integrations
 APPROVED

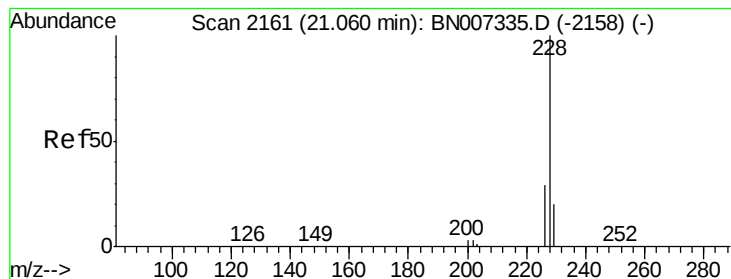
mohammad
 8/31/2019 2:40:25 PM



#30
 Benzo(a)anthracene
 Concen: 0.214 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BN007378.D
 Acq: 25 Aug 2019 01:18

Tgt Ion:	228	Resp:	19589
Ion Ratio	Lower	Upper	
228	100		
226	26.3	21.3	31.9
229	20.1	16.1	24.1





#31

Chrysene

Concen: 0.243 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

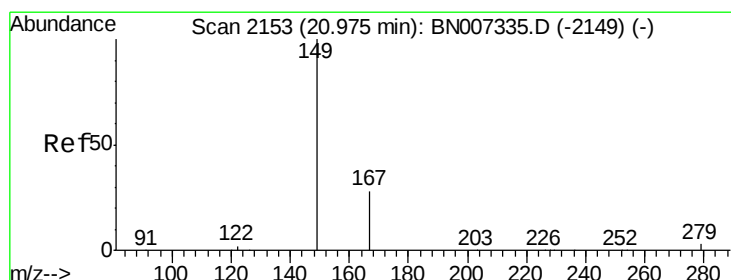
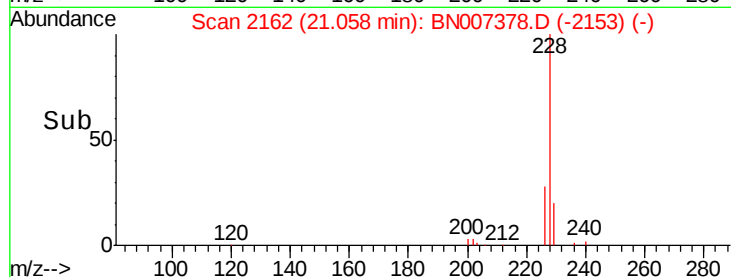
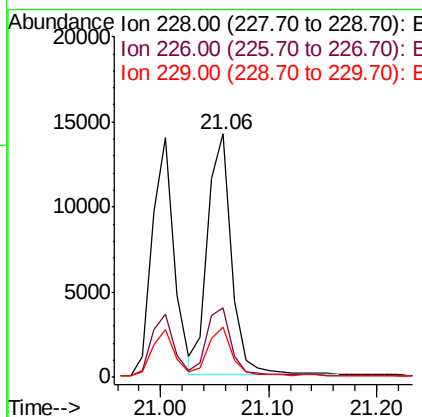
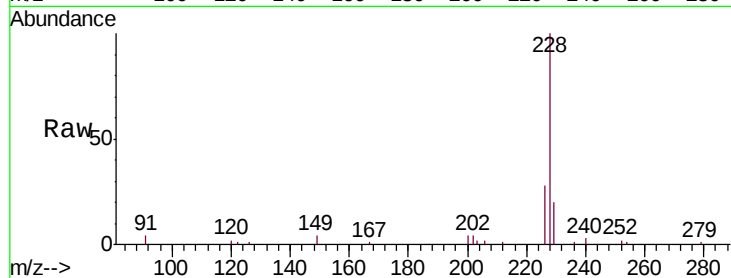
ClientSampleId :

PB122506BS

Tot Ion:	228	Resp:	21494
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.5	35.3
229	20.4	16.6	24.8

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.141 ng

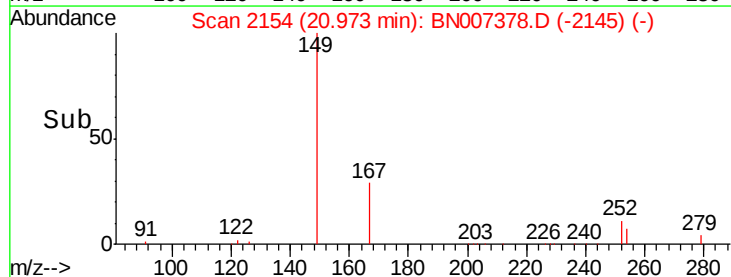
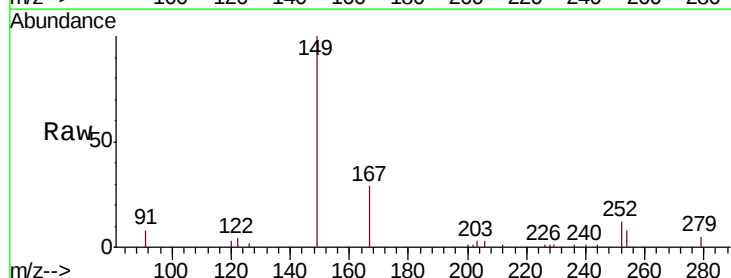
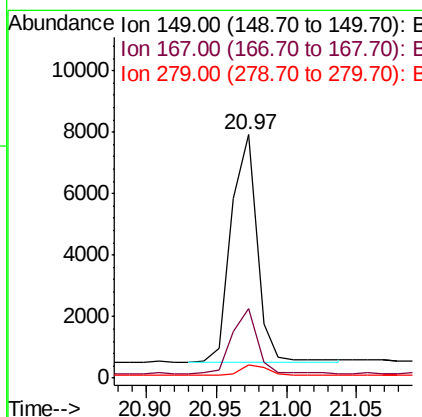
RT: 20.97 min Scan# 2154

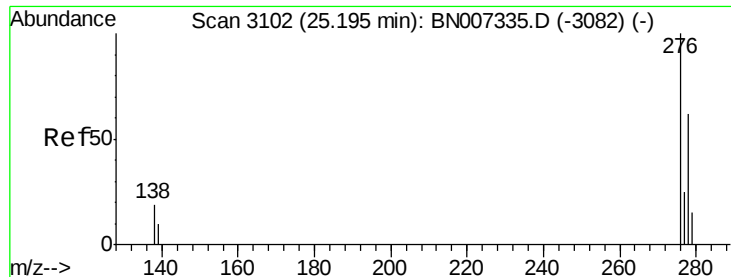
Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Tgt Ion:	149	Resp:	9499
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.8	34.2
279	4.5	3.5	5.3





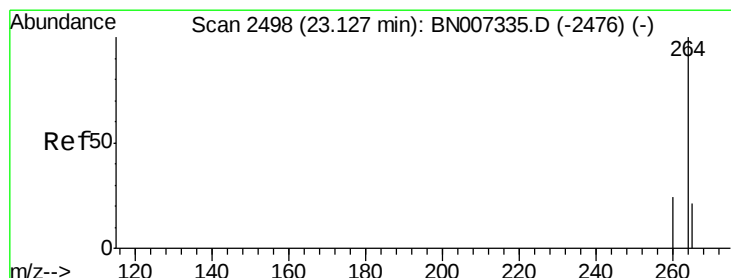
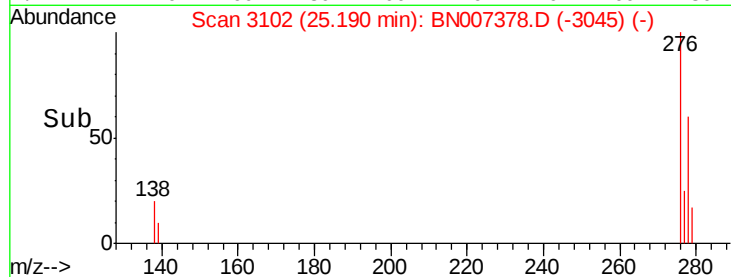
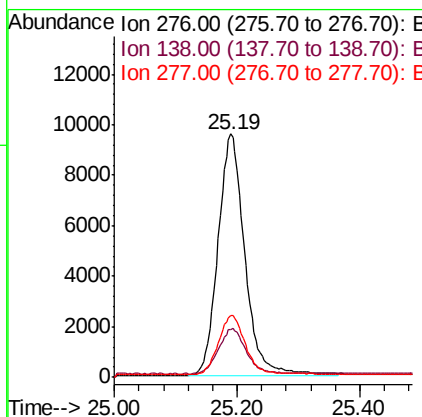
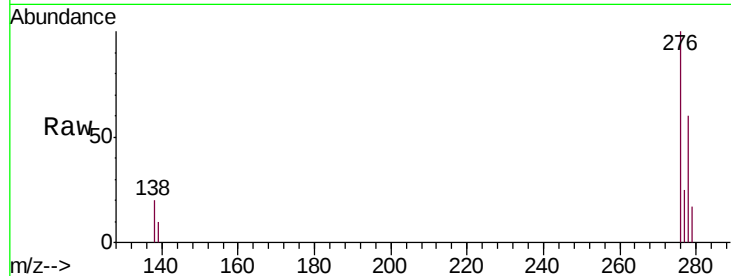
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.271 ng
 RT: 25.19 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BN007378.D
 Acq: 25 Aug 2019 01:18

Instrument :
 BNA_N
 ClientSampleId :
 PB122506BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.1	22.7
277	24.2	19.7	29.5

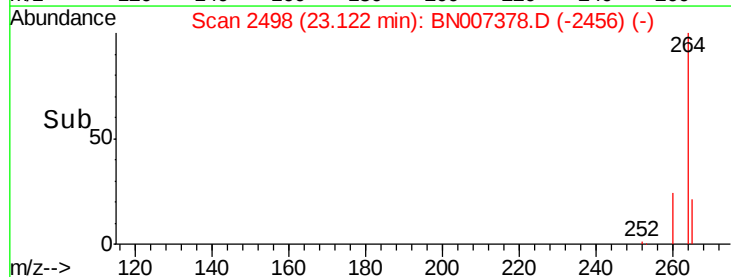
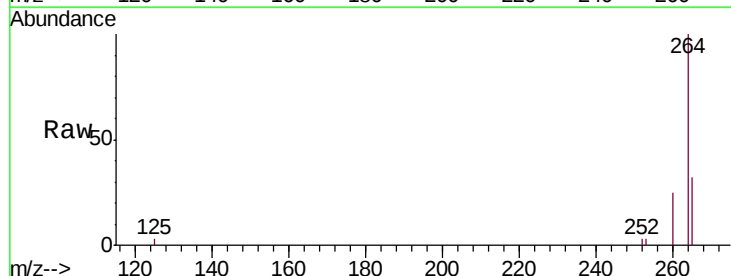
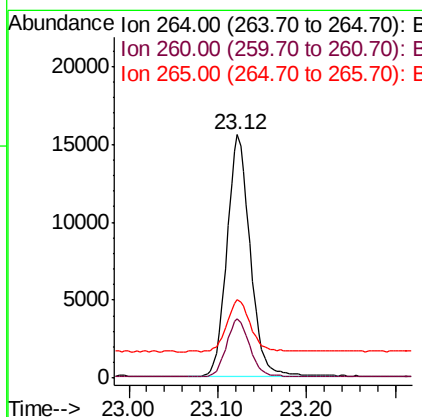
Manual Integrations
 APPROVED

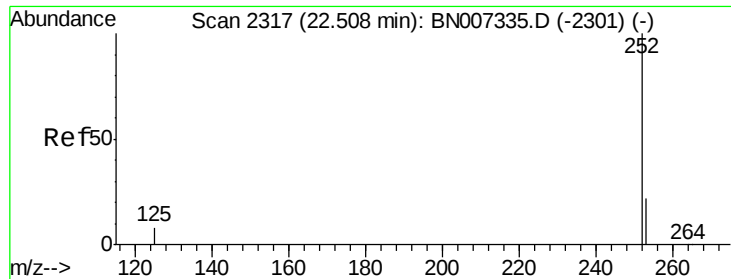
mohammad
 8/31/2019 2:40:25 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BN007378.D
 Acq: 25 Aug 2019 01:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	32.0	29.9	44.9





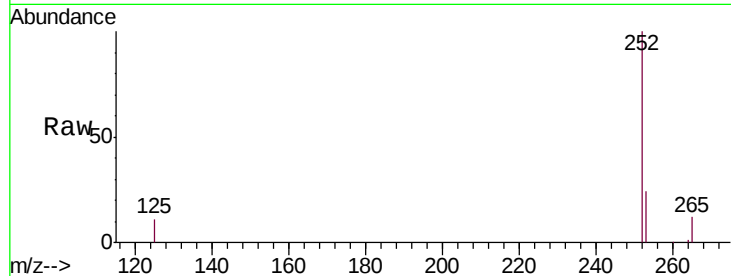
#35
Benzo(b)fluoranthene
Concen: 0.221 ng
RT: 22.50 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	10.8	10.6	16.0

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM

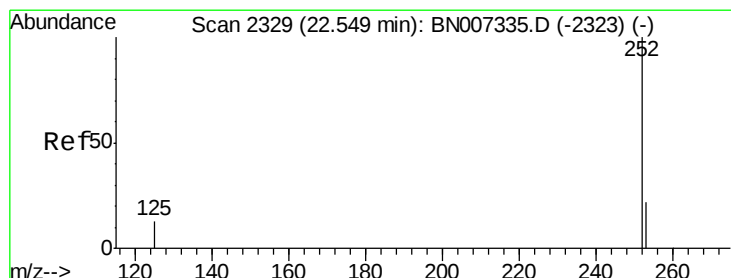
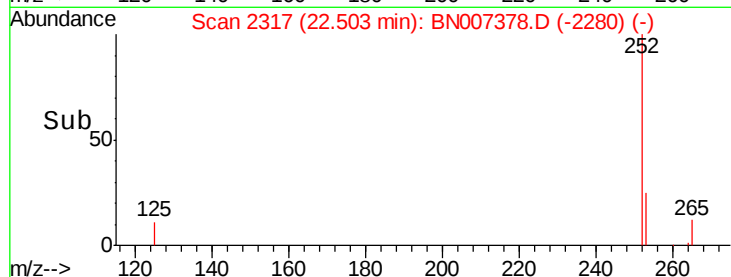
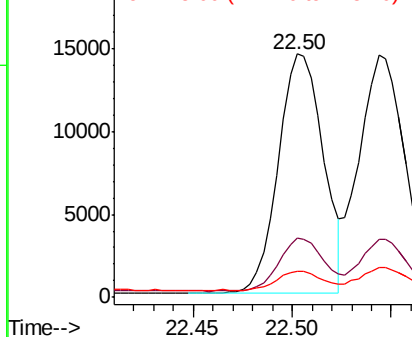


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36
Benzo(k)fluoranthene
Concen: 0.233 ng
RT: 22.54 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

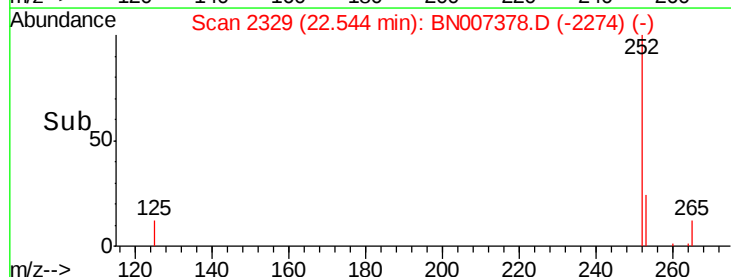
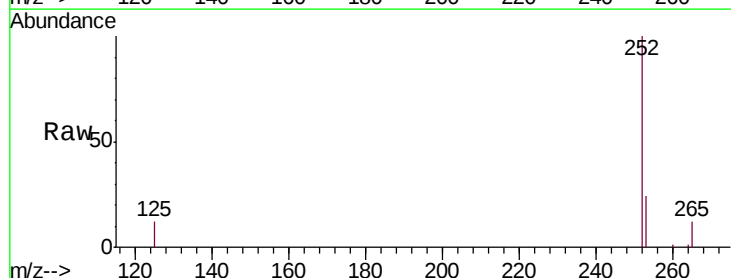
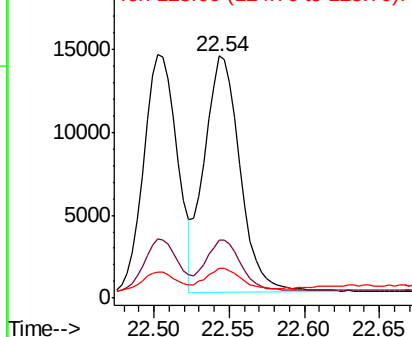
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.2
125	12.2	13.1	19.7#

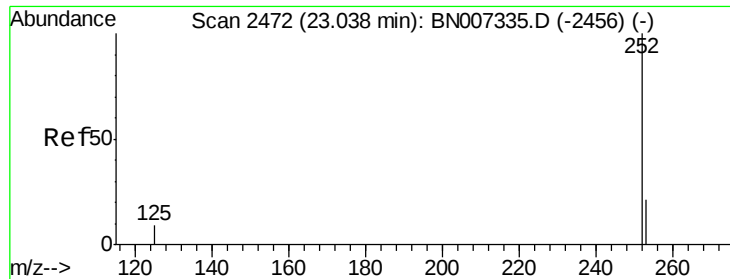
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





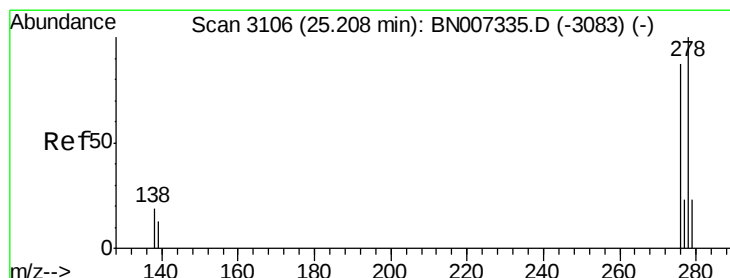
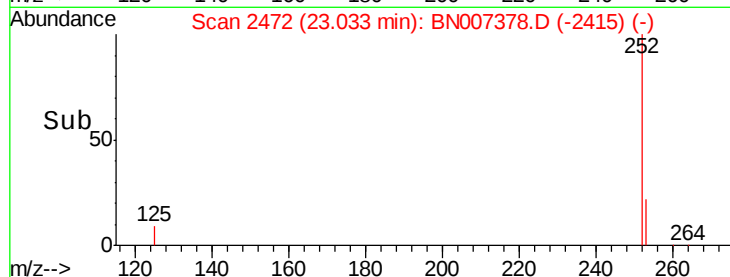
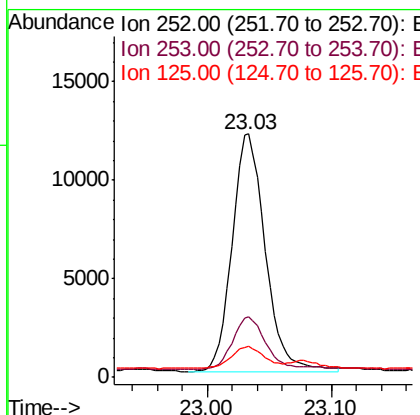
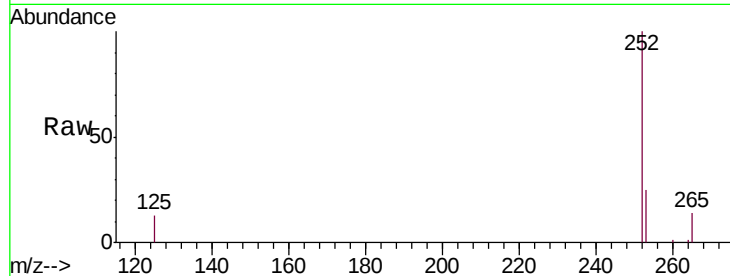
#37
Benzo(a)pyrene
Concen: 0.230 ng
RT: 23.03 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tot Ion:	252	Resp:	22331
Ion Ratio	Lower	Upper	
252	100		
253	24.8	19.5	29.3
125	12.6	12.1	18.1

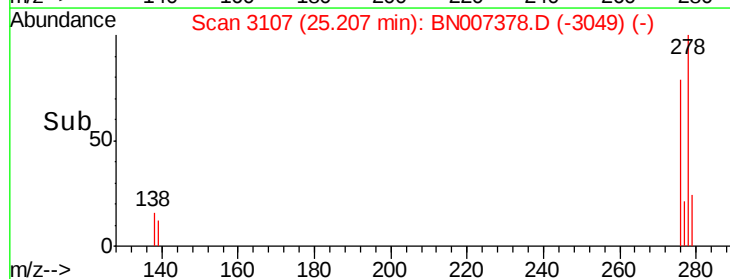
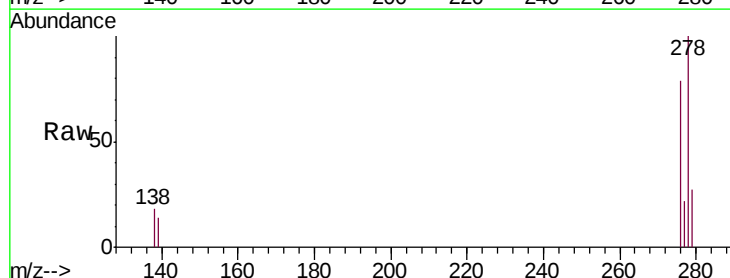
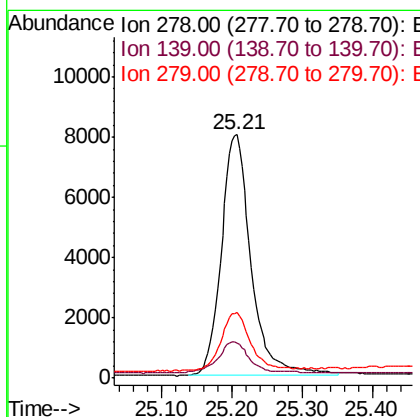
Manual Integrations
APPROVED

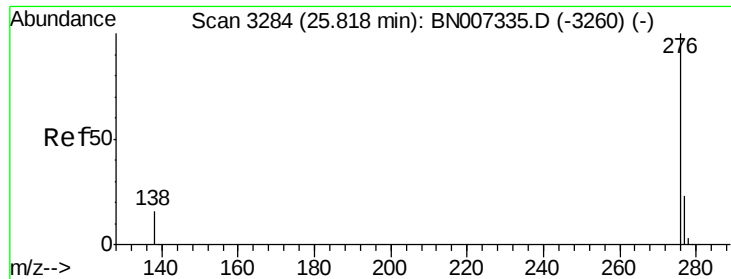
mohammad
8/31/2019 2:40:25 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.242 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:	278	Resp:	23420
Ion Ratio	Lower	Upper	
278	100		
139	14.4	13.7	20.5
279	26.9	20.2	30.4





#39

Benzo(a,h,i)perylene

Concen: 0.260 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

Tot Ion:	276	Resp:	25096
Ion Ratio		Lower	Upper
276	100		
277	24.3	19.6	29.4
138	18.0	16.3	24.5

Manual Integrations
APPROVED

mohammad
8/31/2019 2:40:25 PM

