

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009439.D
 Acq On : 24 Jan 2020 13:03
 Operator : CG/JU
 Sample : L1225-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PF-5MSD

Manual Integrations
 APPROVED

mohammad
 1/28/2020 8:11:16 AM

Quant Time: Jan 24 14:37:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1643	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	5839	0.40	ng	-0.01
13) Acenaphthene-d10	14.10	164	3592	0.40	ng	-0.01
19) Phenanthrene-d10	16.85	188	7259	0.40	ng	-0.01
27) Chrysene-d12	21.06	240	6059	0.40	ng	-0.01
34) Perylene-d12	23.18	264	7228	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1083	0.29	ng	0.00
5) Phenol-d6	6.66	99	1538	0.35	ng	-0.02
8) Nitrobenzene-d5	8.61	82	1276	0.27	ng	-0.03
11) 2-Methylnaphthalene-d10	11.81	152	2573	0.23	ng	-0.02
14) 2,4,6-Tribromophenol	15.61	330	341	0.25	ng	-0.01
15) 2-Fluorobiphenyl	12.72	172	3534	0.26	ng	-0.01
25) Fluoranthene-d10	18.89	212	4509	0.18	ng	0.00
29) Terphenyl-d14	19.50	244	3394	0.24	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	802	0.468	ng	# 83
3) n-Nitrosodimethylamine	3.43	42	959	0.362	ng	# 93
6) bis(2-Chloroethyl)ether	6.91	93	1384	0.307	ng	# 89
9) Naphthalene	10.27	128	4642	0.294	ng	100
10) Hexachlorobutadiene	10.56	225	916	0.264	ng	# 96
12) 2-Methylnaphthalene	11.89	142	3259	0.296	ng	98
16) Acenaphthylene	13.81	152	4409	0.285	ng	99
17) Acenaphthene	14.15	154	2974	0.273	ng	98
18) Fluorene	15.16	166	3832	0.270	ng	100
20) 4-Bromophenyl-phenylether	16.06	248	1240	0.284	ng	95
21) Hexachlorobenzene	16.16	284	1248	0.268	ng	97
22) Pentachlorophenol	16.52	266	214	0.276	ng	98
23) Phenanthrene	16.89	178	6257	0.287	ng	99
24) Anthracene	16.98	178	5086	0.278	ng	99
26) Fluoranthene	18.92	202	6847	0.268	ng	99
28) Pyrene	19.28	202	7197	0.313	ng	99
30) Benzo(a)anthracene	21.05	228	5760	0.289	ng	98
31) Chrysene	21.09	228	6225	0.273	ng	98
32) Bis(2-ethylhexyl)phthalate	21.00	149	3747	0.425	ng	99
33) Indeno(1,2,3-cd)pyrene	25.25	276	7530	0.318	ng	97
35) Benzo(b)fluoranthene	22.56	252	6159	0.232	ng	# 95
36) Benzo(k)fluoranthene	22.59	252	6987m	0.238	ng	
37) Benzo(a)pyrene	23.09	252	6111	0.261	ng	98
38) Dibenzo(a,h)anthracene	25.26	278	5924	0.252	ng	99
39) Benzo(g,h,i)perylene	25.88	276	6749	0.261	ng	99

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

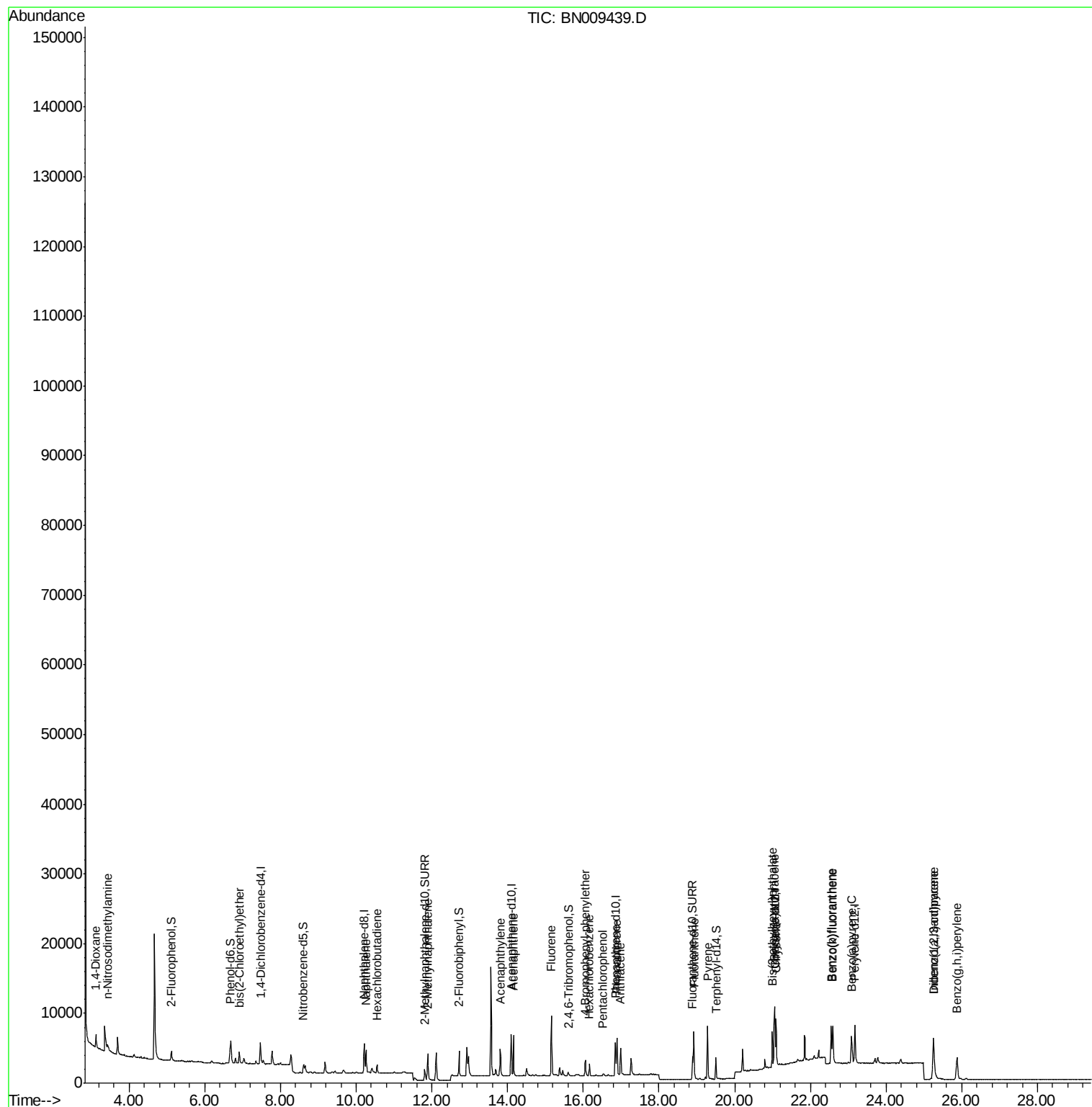
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
Data File : BN009439.D
Acq On : 24 Jan 2020 13:03
Operator : CG/JU
Sample : L1225-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PF-5MSD

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:16 AM

Quant Time: Jan 24 14:37:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Instrument :

BNA_N

ClientSampleId :

PF-5MSD

Tot Ion:152 Resp: 1643

Ion Ratio Lower Upper

152 100

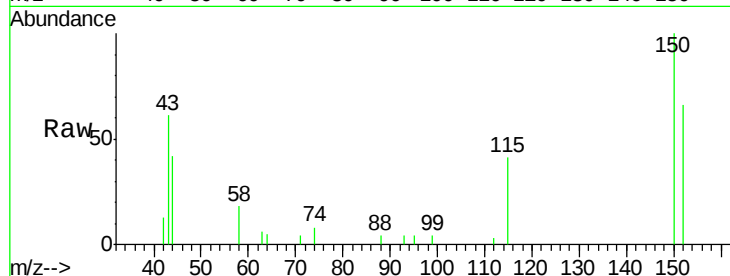
150 151.9 125.7 188.5

115 61.6 53.3 79.9

Manual Integrations
APPROVED

mohammad

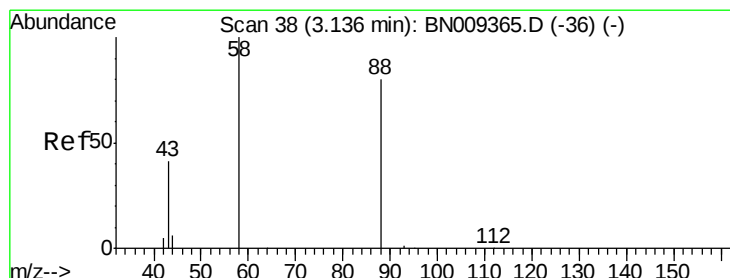
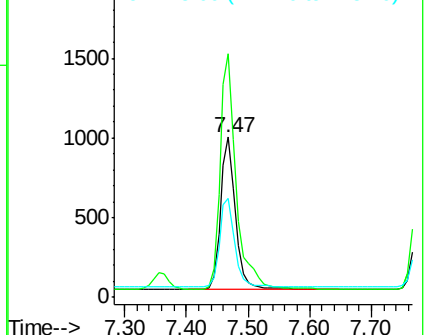
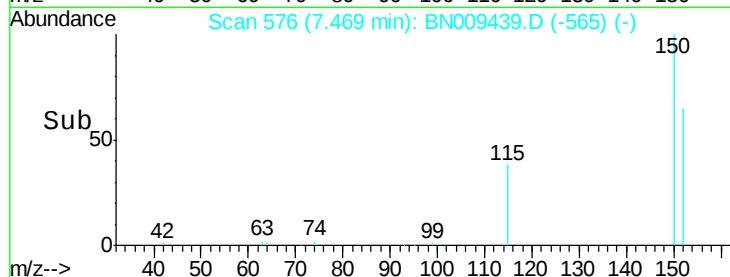
1/28/2020 8:11:16 AM



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: 0.468 ng

RT: 3.13 min Scan# 37

Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

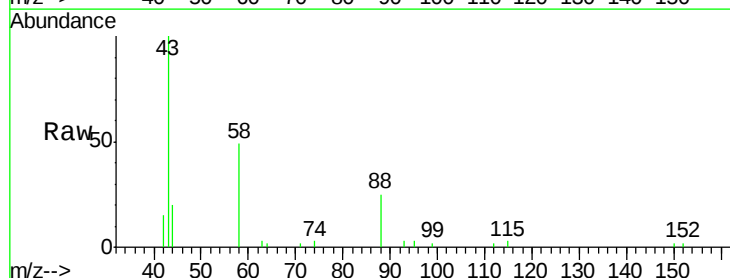
Tgt Ion: 88 Resp: 802

Ion Ratio Lower Upper

88 100

58 118.7 100.2 150.2

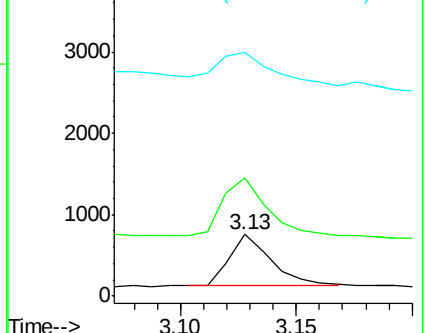
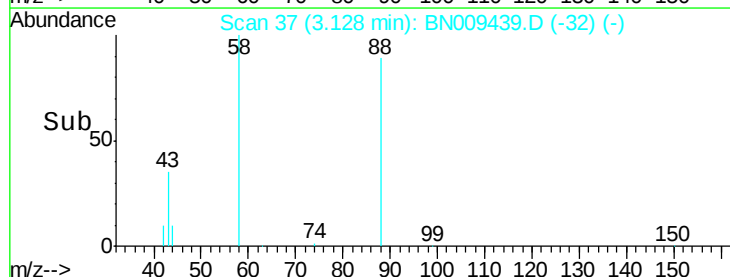
43 85.2 43.1 64.7#

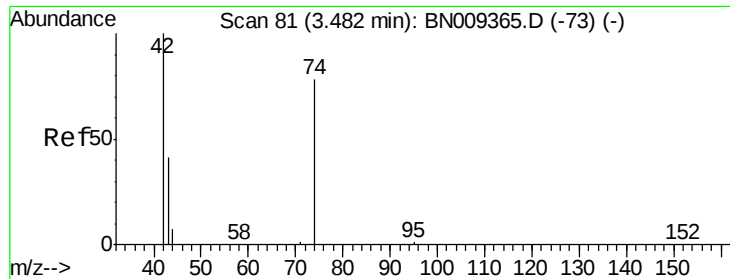


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

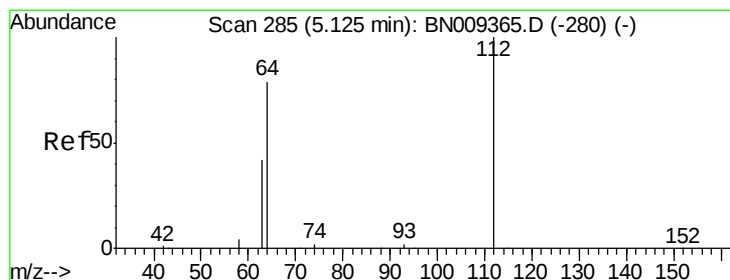
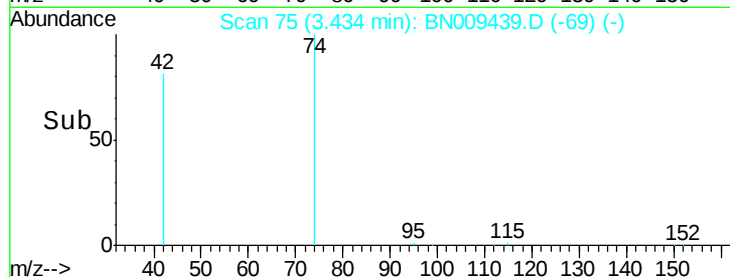
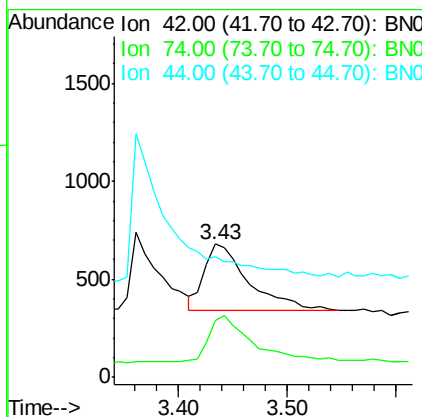
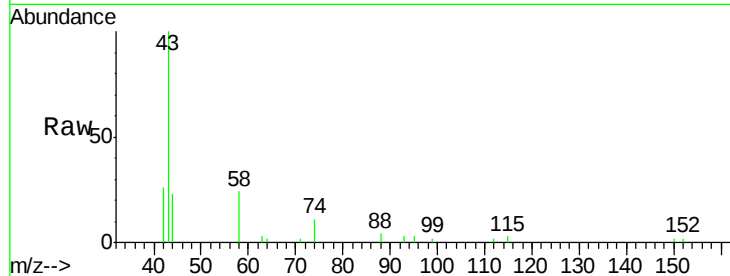
n-Nitrosodimethylamine
 Concen: 0.362 ng
 RT: 3.43 min Scan# 75
 Delta R.T. -0.05 min
 Lab File: BN009439.D
 Acq: 24 Jan 2020 13:03

Instrument :
 BNA_N
 ClientSampleId :
 PF-5MSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	68.6	55.8	83.8
44	0.0	11.1	16.7

Manual Integrations
 APPROVED

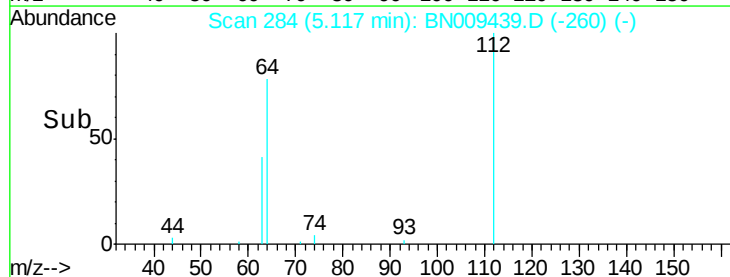
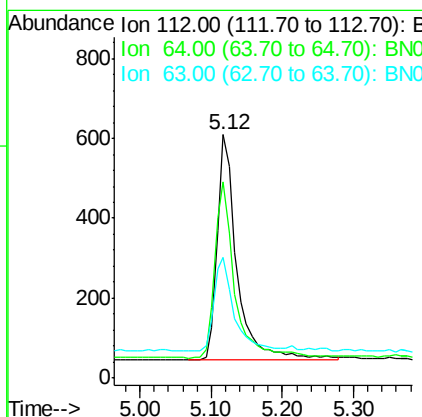
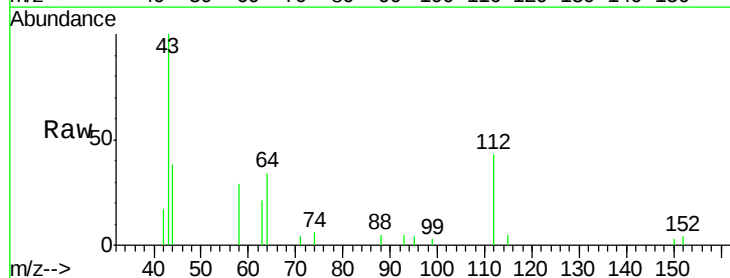
mohammad
 1/28/2020 8:11:16 AM

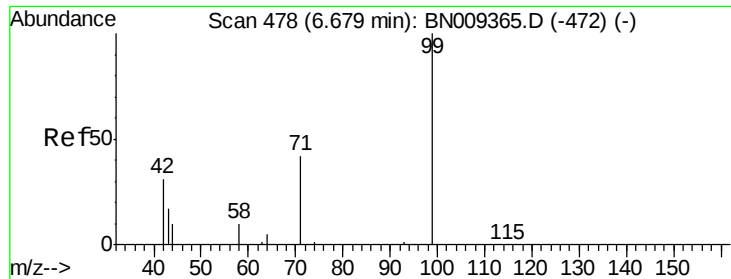


#4

2-Fluorophenol
 Concen: 0.286 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009439.D
 Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.0	61.5	92.3
63	42.6	35.0	52.4





#5

Phenol-d6

Concen: 0.351 ng

RT: 6.66 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Instrument :

BNA_N

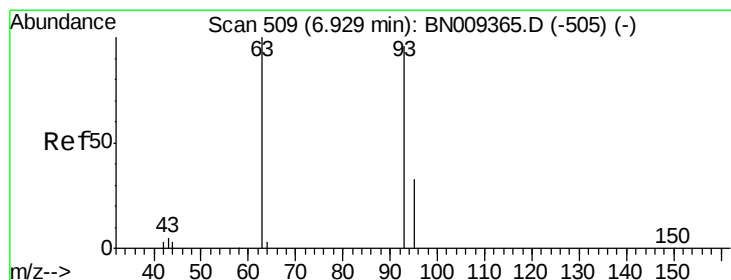
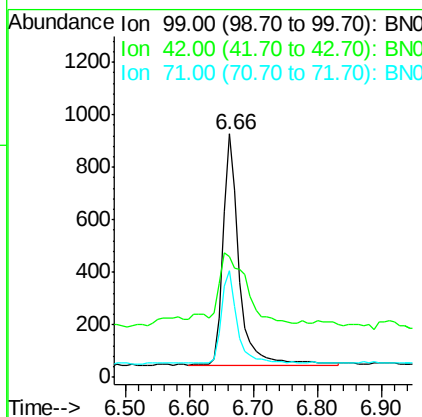
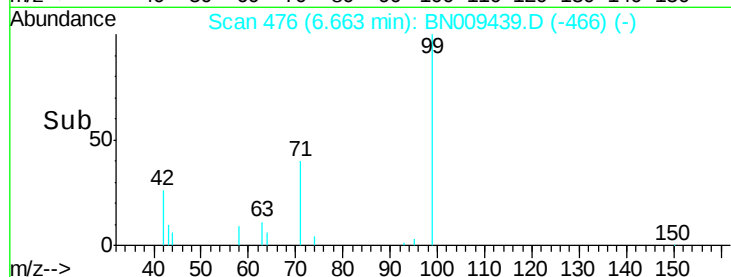
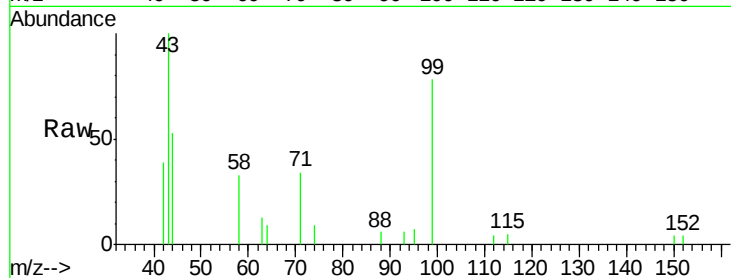
ClientSampleId :

PF-5MSD

Tot Ion:	99	Resp:	1538
Ion	Ratio	Lower	Upper
99	100		
42	49.9	27.6	41.4#
71	38.9	33.0	49.6

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:16 AM



#6

bis(2-Chloroethyl)ether

Concen: 0.307 ng

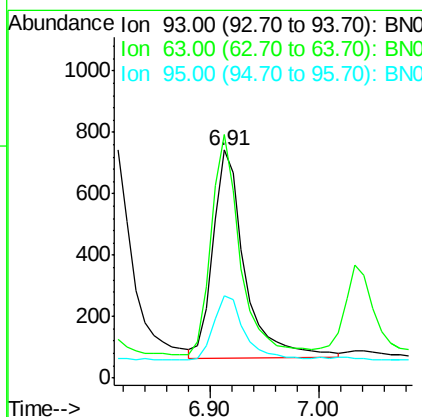
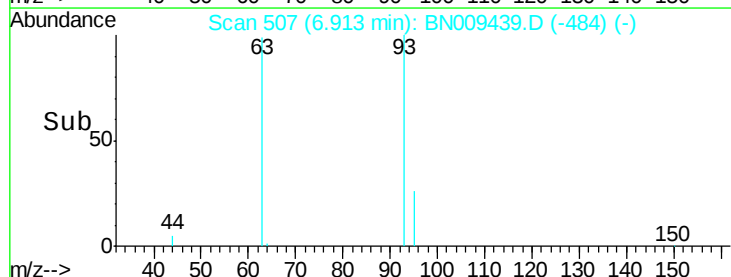
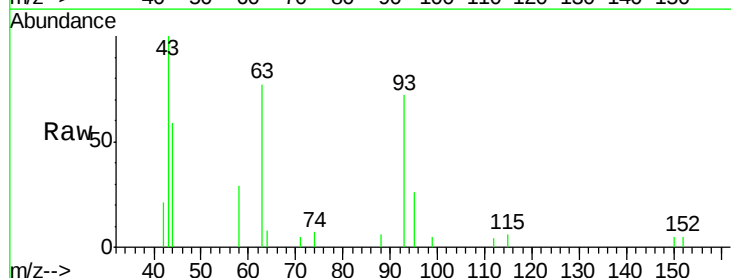
RT: 6.91 min Scan# 507

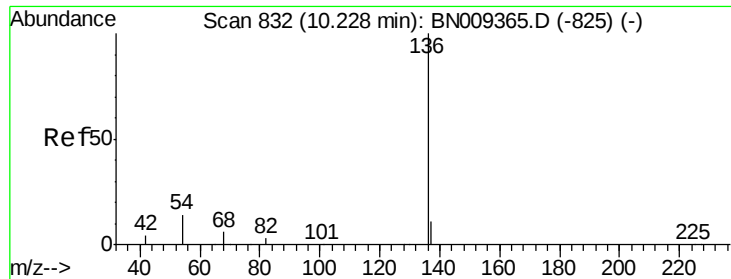
Delta R.T. -0.02 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Tgt Ion:	93	Resp:	1384
Ion	Ratio	Lower	Upper
93	100		
63	96.2	85.1	127.7
95	29.7	30.2	45.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Instrument :

BNA_N

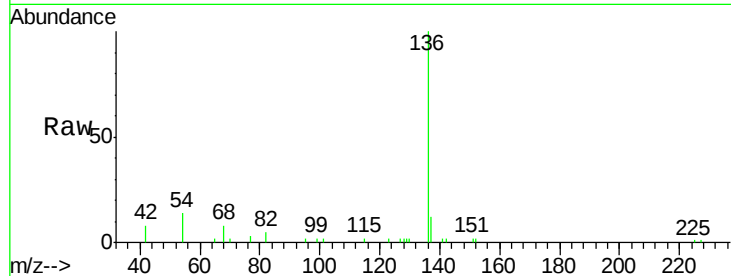
ClientSampleId :

PF-5MSD

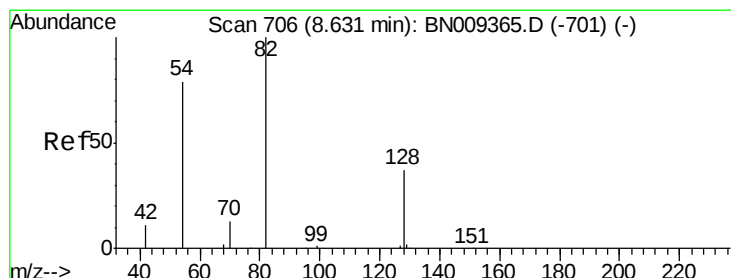
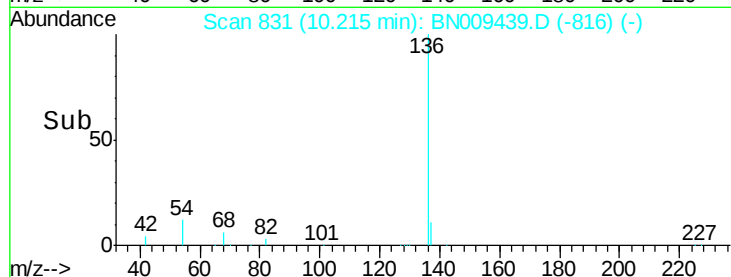
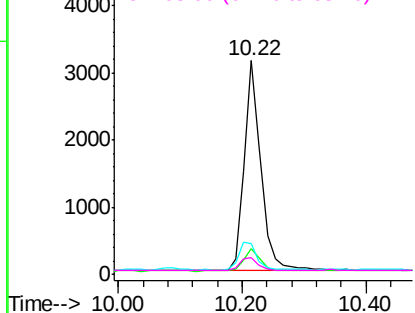
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.3	15.5
54	14.1	12.6	19.0
68	7.6	6.5	9.7

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:16 AM



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: 0.274 ng

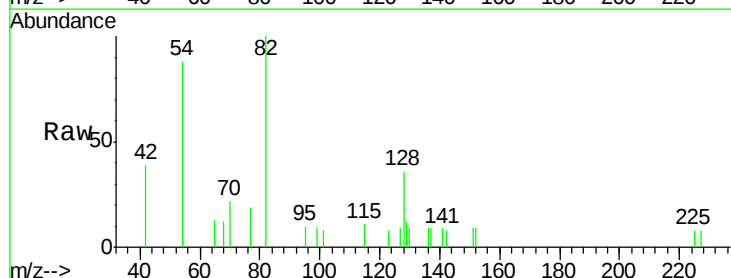
RT: 8.61 min Scan# 704

Delta R.T. -0.03 min

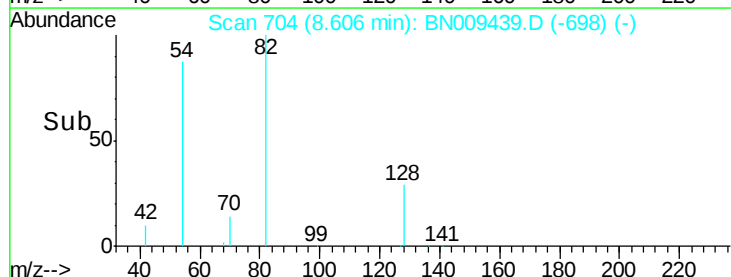
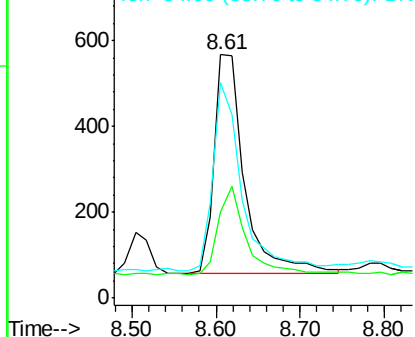
Lab File: BN009439.D

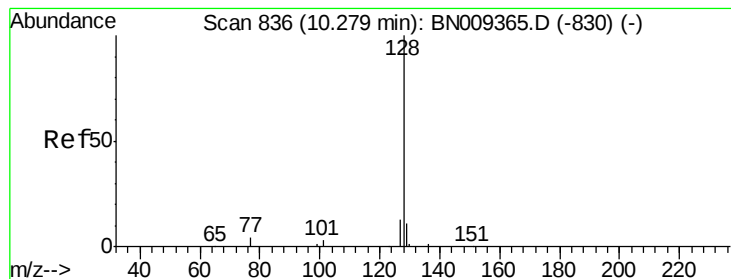
Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	34.8	52.2
54	88.4	65.8	98.6



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: 0.294 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Instrument :

BNA_N

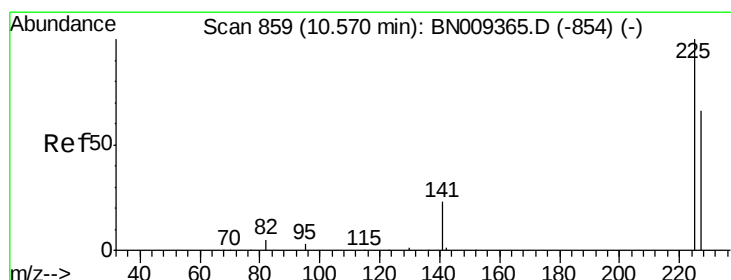
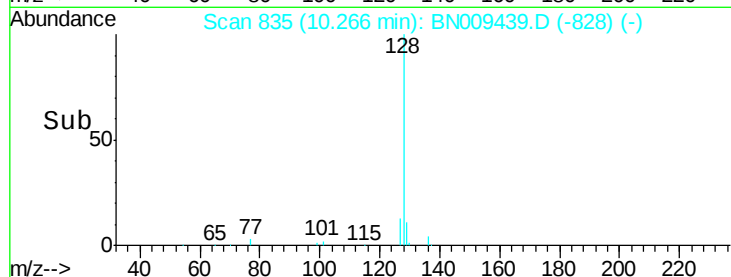
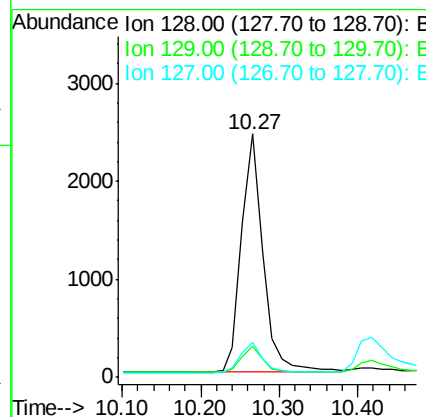
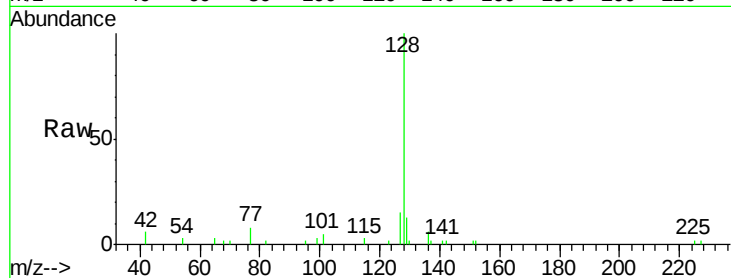
ClientSampleId :

PF-5MSD

Tot Ion:	128	Resp:	4642
Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.4	15.6
127	14.5	11.4	17.2

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:16 AM



#10

Hexachlorobutadiene

Concen: 0.264 ng

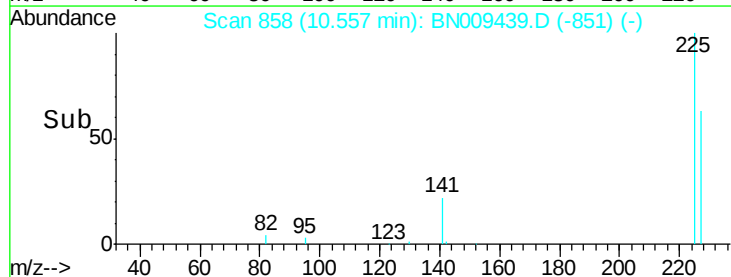
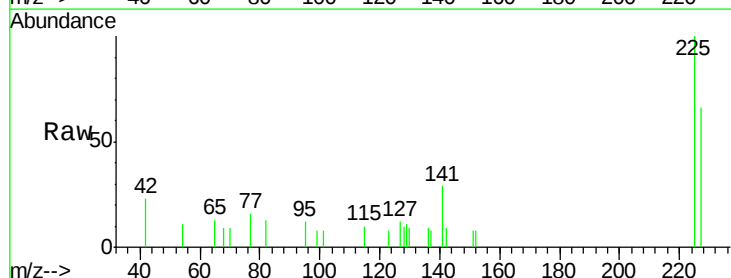
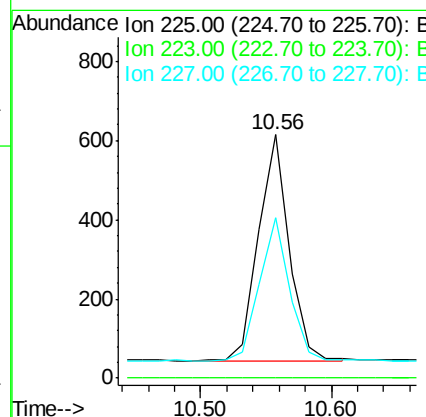
RT: 10.56 min Scan# 858

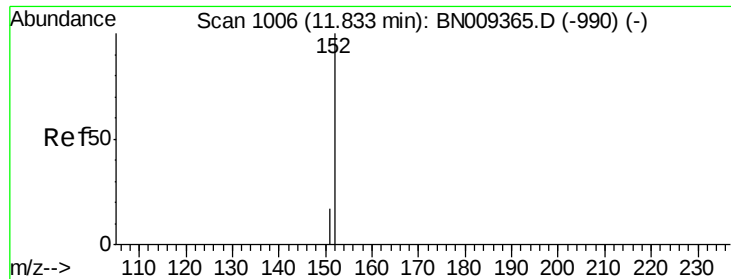
Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Tgt Ion:	225	Resp:	916
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	52.6	78.8





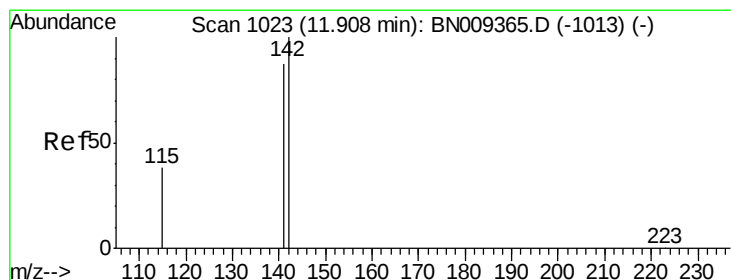
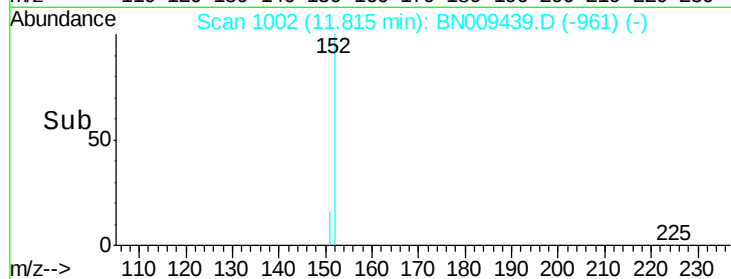
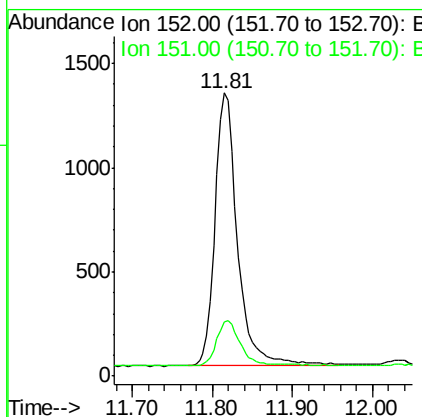
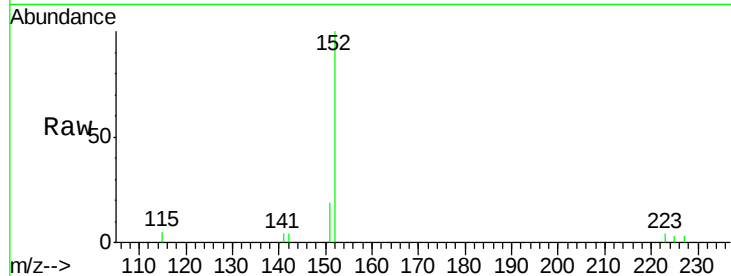
#11
2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 11.81 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PF-5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.0	14.8	22.2

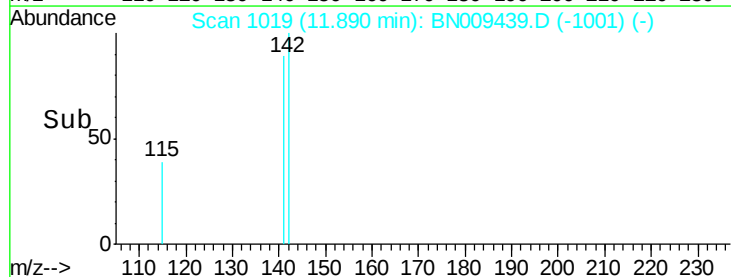
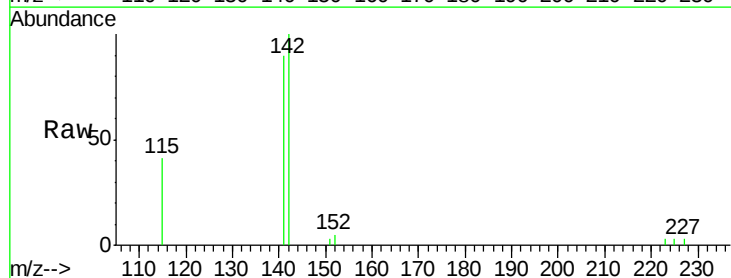
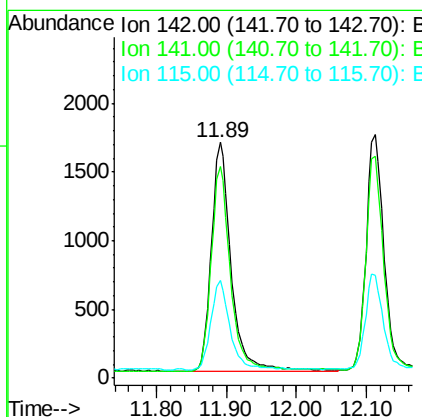
Manual Integrations
APPROVED

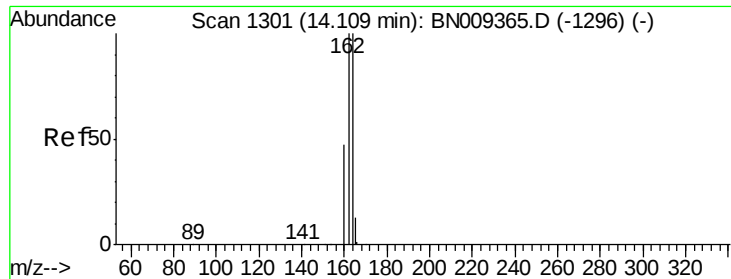
mohammad
1/28/2020 8:11:16 AM



#12
2-Methylnaphthalene
Concen: 0.296 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.8	104.6
115	41.3	32.5	48.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Instrument :

BNA_N

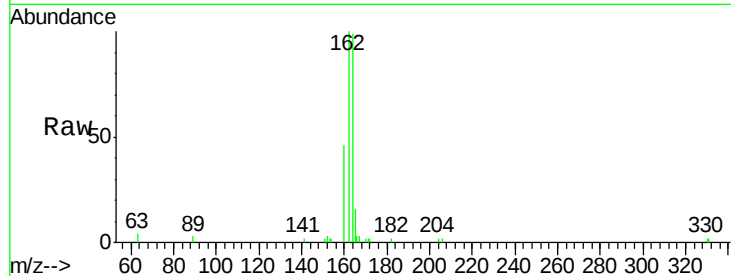
ClientSampleId :

PF-5MSD

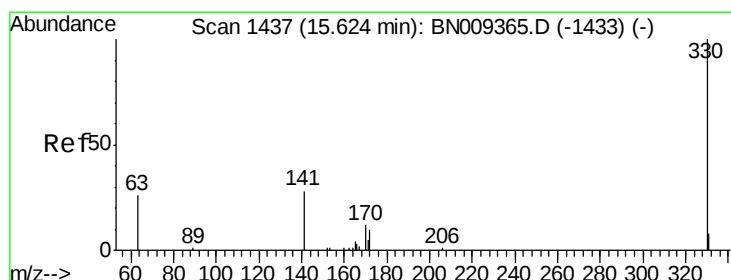
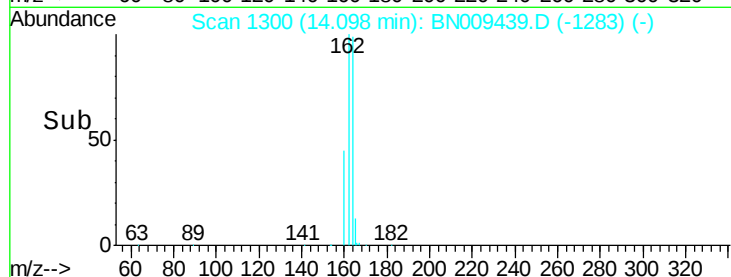
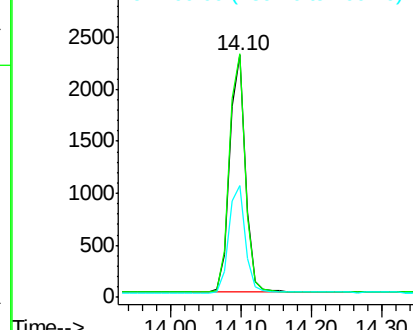
Tot Ion:	164	Resp:	3592
Ion Ratio	Lower	Upper	
164	100		
162	100.6	79.8	119.6
160	46.3	38.4	57.6

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:16 AM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.251 ng

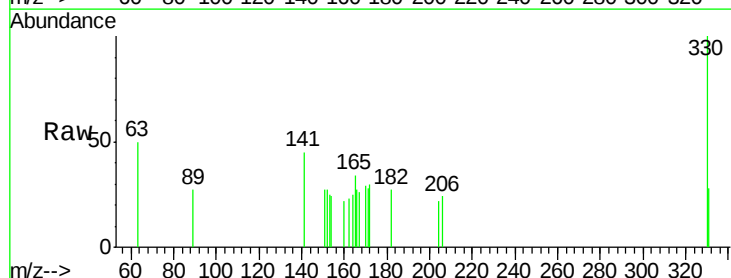
RT: 15.61 min Scan# 1436

Delta R.T. -0.01 min

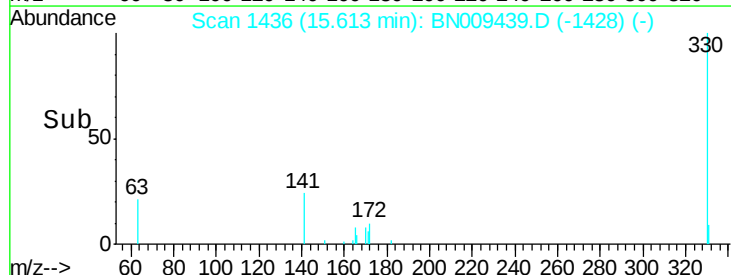
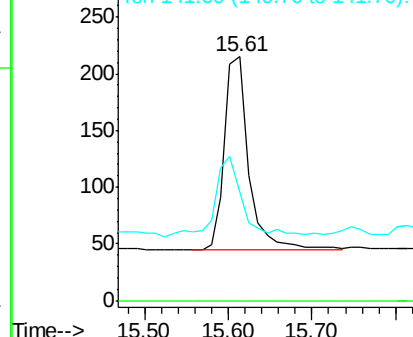
Lab File: BN009439.D

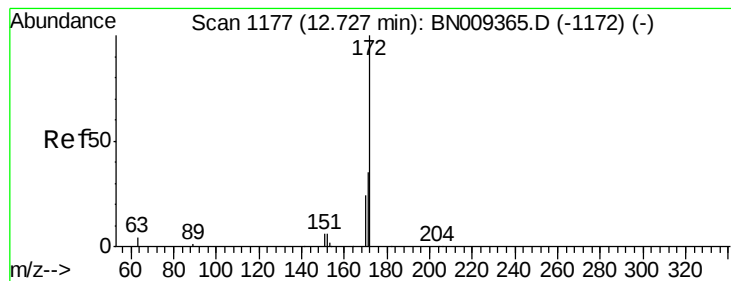
Acq: 24 Jan 2020 13:03

Tgt Ion:	330	Resp:	341
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	42.2	33.1	49.7



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





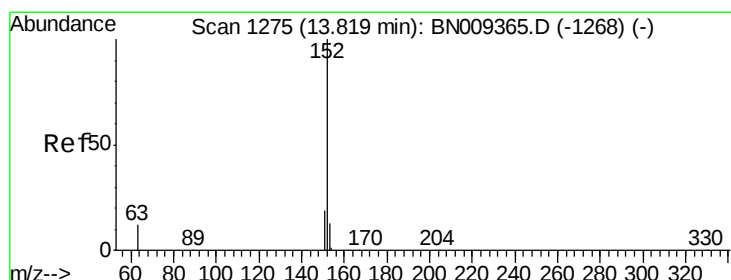
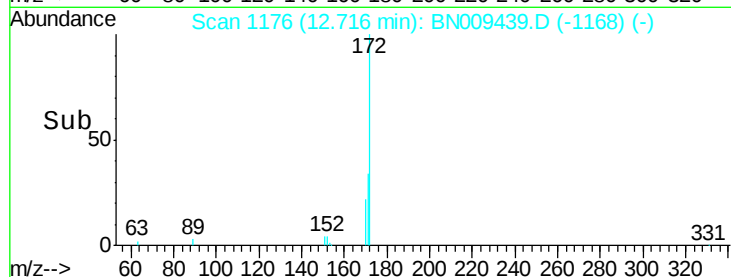
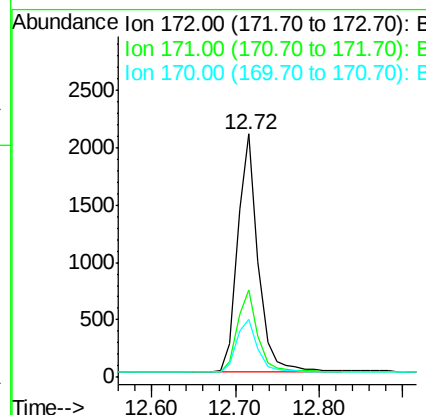
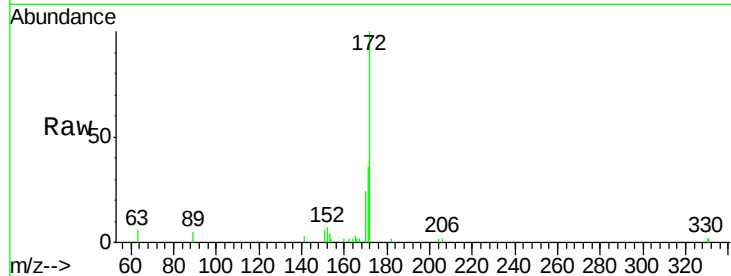
#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 12.72 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Instrument :
BNA_N
ClientSampled :
PF-5MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.5	44.3
170	23.7	20.7	31.1

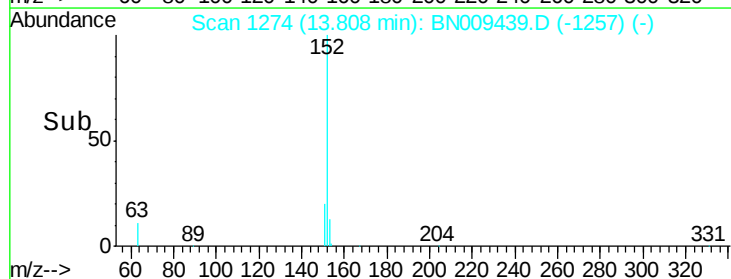
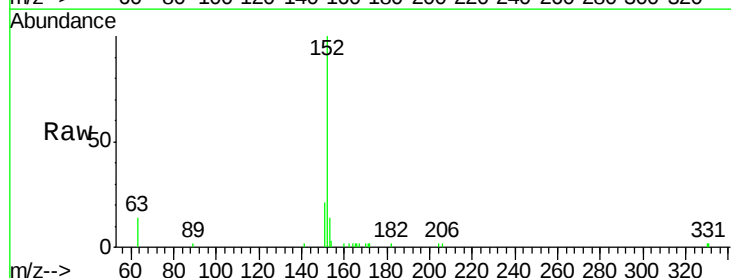
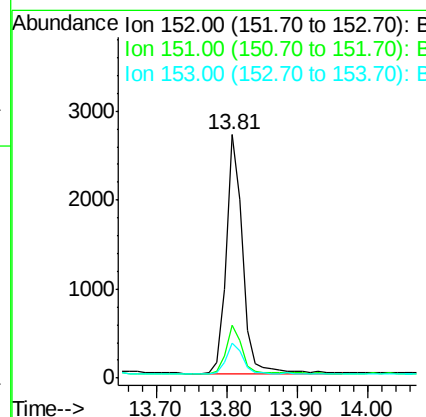
Manual Integrations
APPROVED

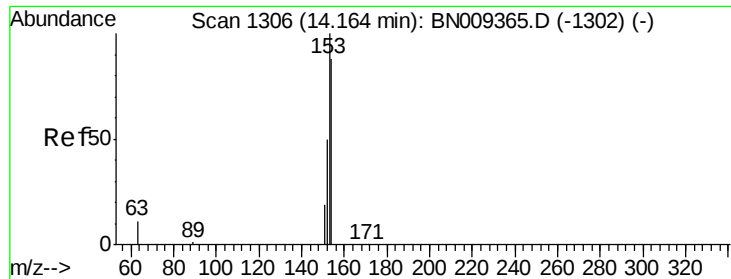
mohammad
1/28/2020 8:11:16 AM



#16
Acenaphthylene
Concen: 0.285 ng
RT: 13.81 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.2
153	13.0	10.4	15.6





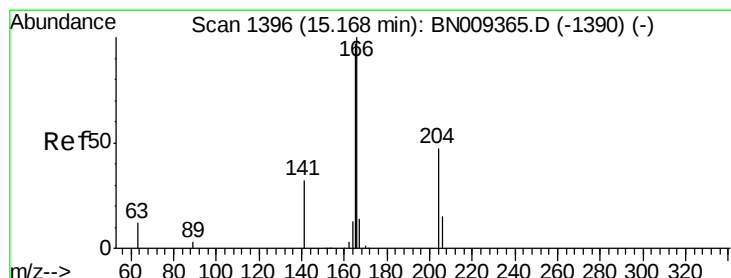
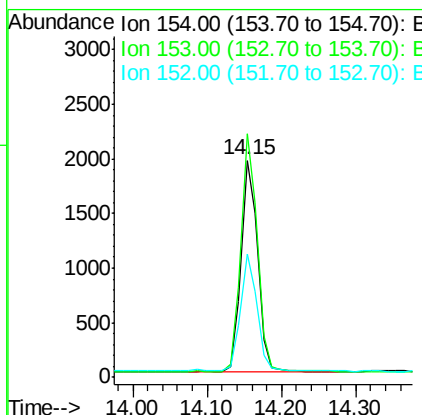
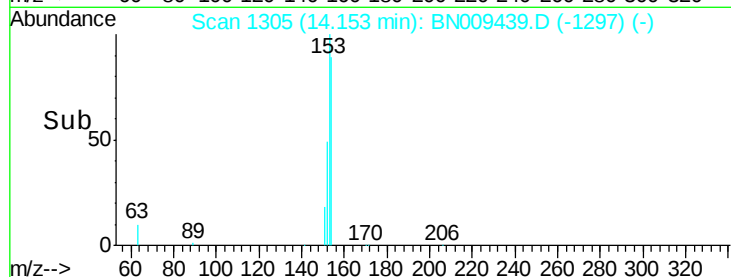
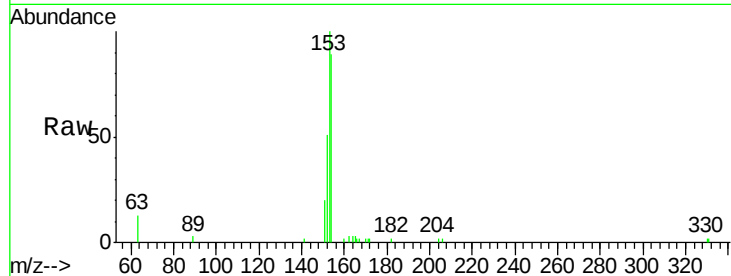
#17
Acenaphthene
Concen: 0.273 ng
RT: 14.15 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PF-5MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.5	135.7
152	54.9	45.3	67.9

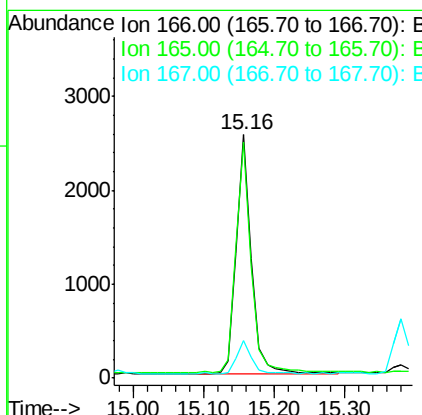
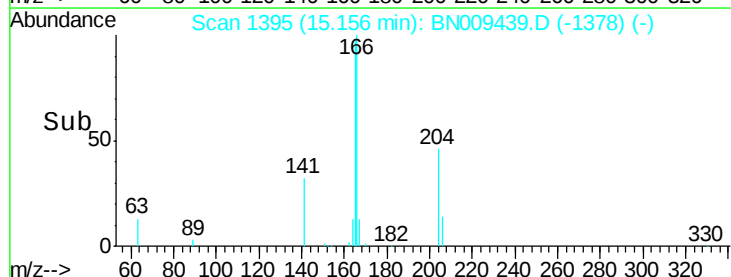
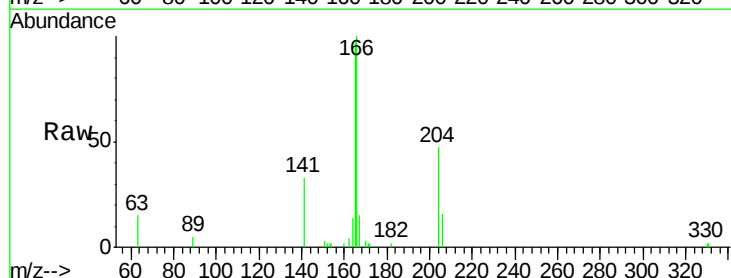
Manual Integrations
APPROVED

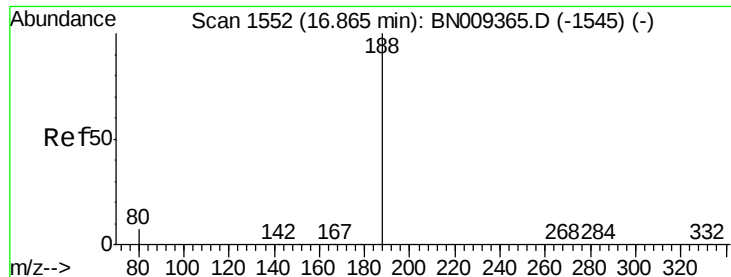
mohammad
1/28/2020 8:11:16 AM



#18
Fluorene
Concen: 0.270 ng
RT: 15.16 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.2
167	13.6	11.0	16.6





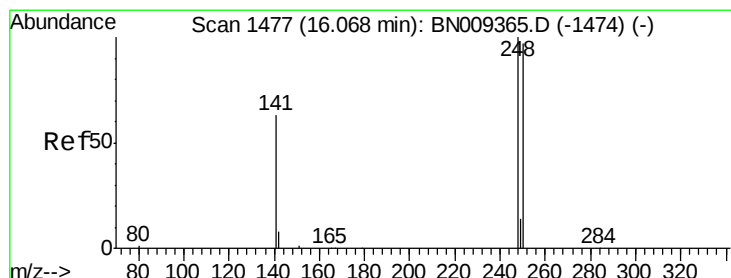
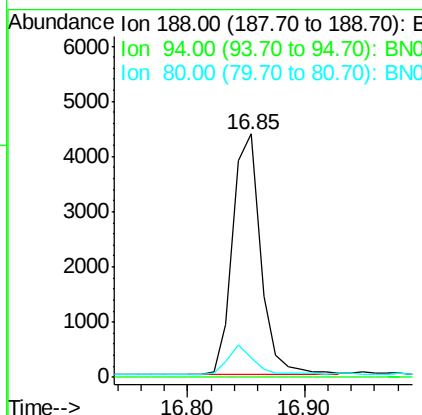
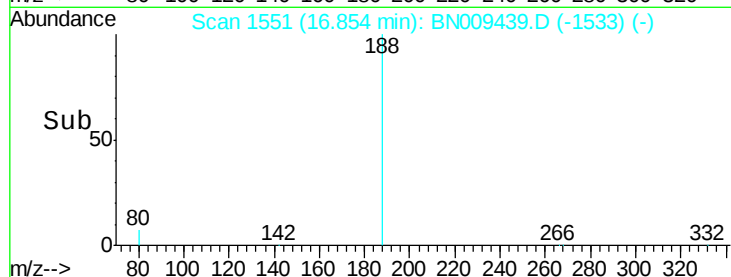
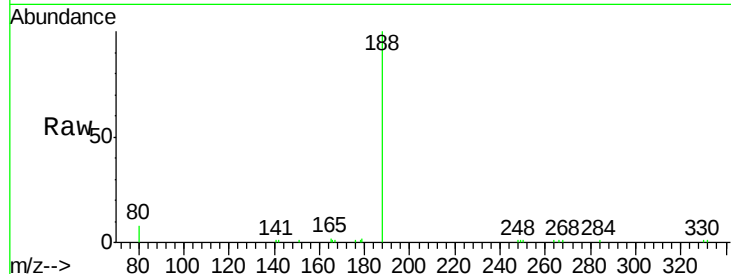
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PF-5MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.6	10.0

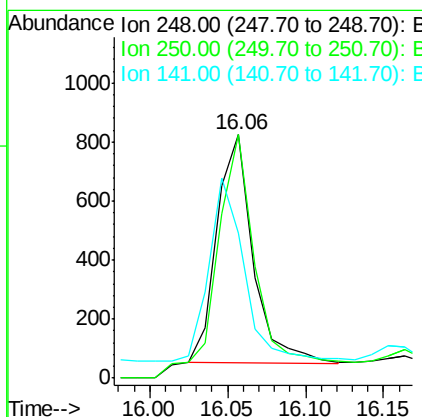
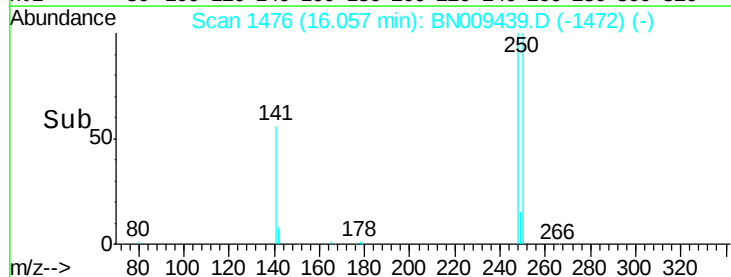
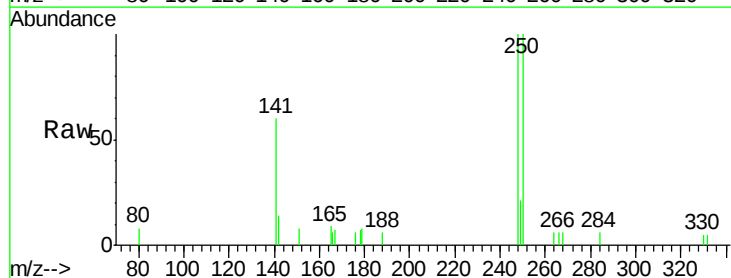
Manual Integrations
APPROVED

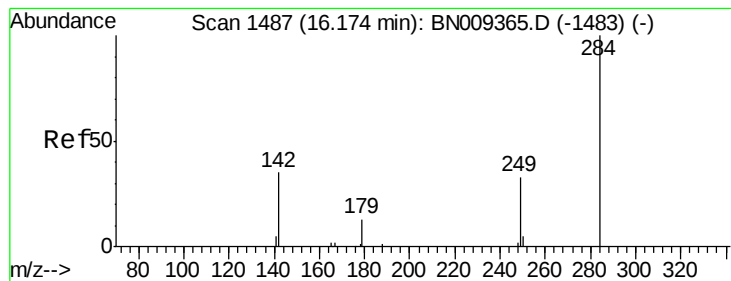
mohammad
1/28/2020 8:11:16 AM



#20
4-Bromophenyl-phenylether
Concen: 0.284 ng
RT: 16.06 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.8	116.8
141	59.8	53.4	80.0





#21

Hexachlorobenzene

Concen: 0.268 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Instrument :

BNA_N

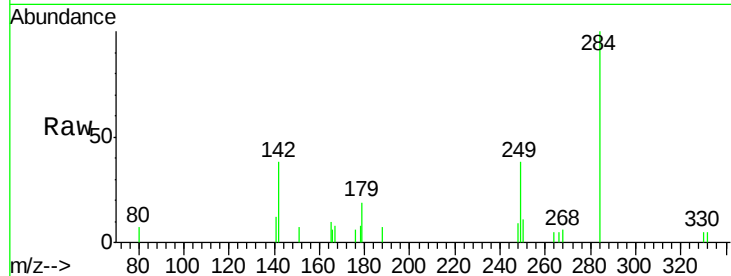
ClientSampleId :

PF-5MSD

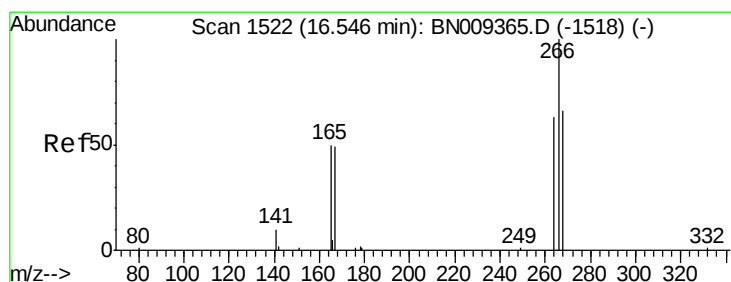
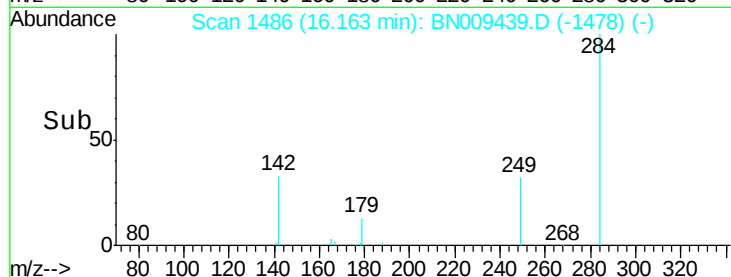
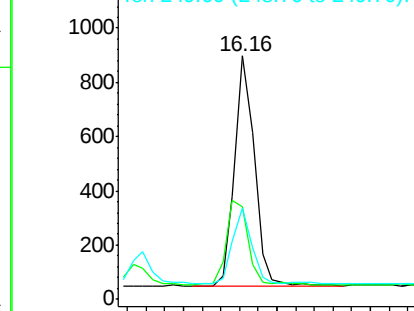
Tot Ion:	284	Resp:	1248
Ion Ratio	Lower	Upper	
284	100		
142	41.1	33.8	50.8
249	31.8	27.0	40.4

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:16 AM



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: 0.276 ng

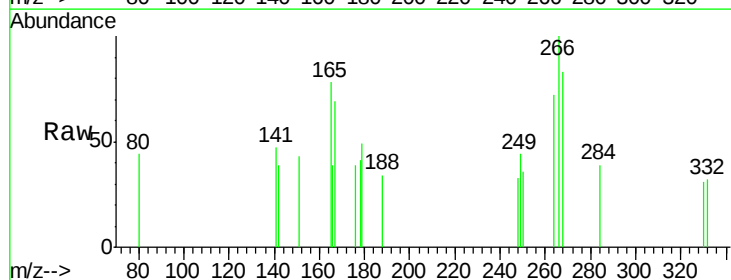
RT: 16.52 min Scan# 1520

Delta R.T. -0.02 min

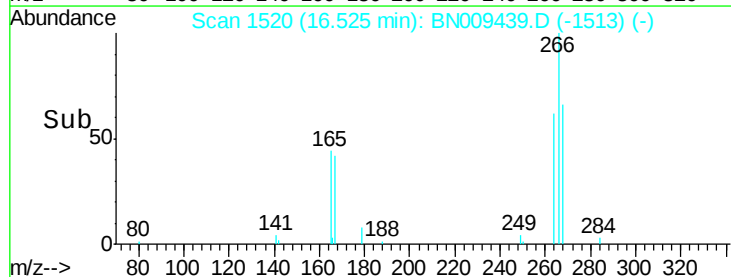
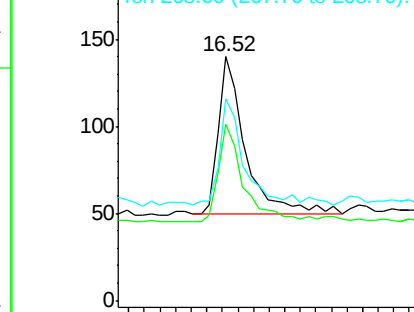
Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Tgt Ion:	266	Resp:	214
Ion Ratio	Lower	Upper	
266	100		
264	72.1	57.8	86.6
268	82.9	63.8	95.6



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





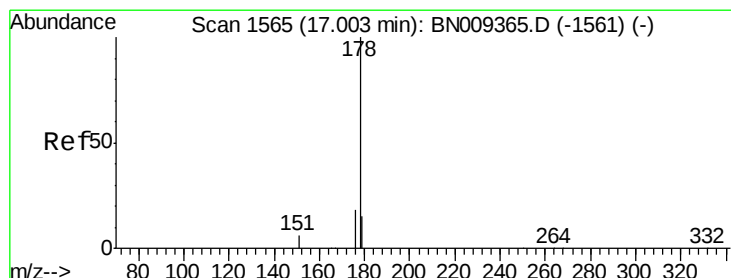
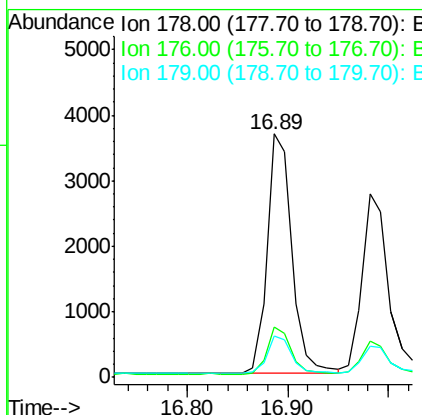
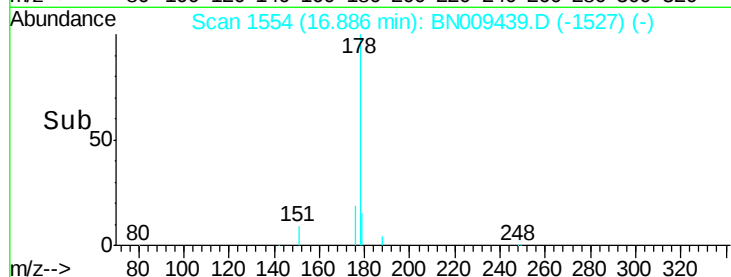
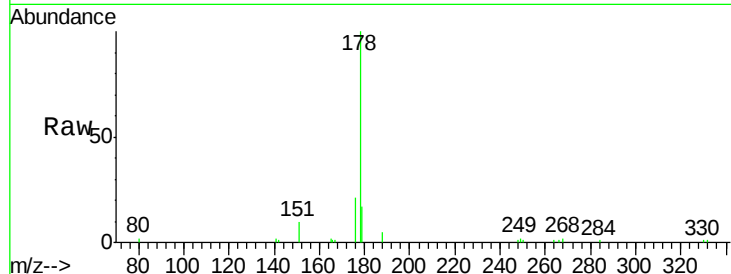
#23
Phenanthrene
Concen: 0.287 ng
RT: 16.89 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PF-5MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.5	12.3	18.5

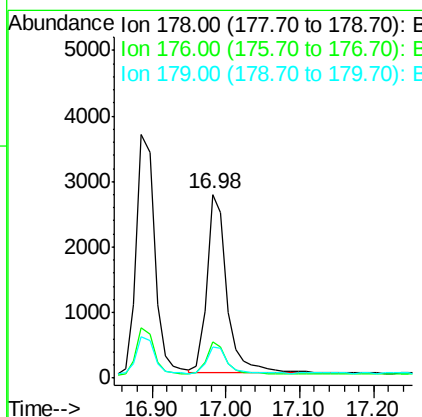
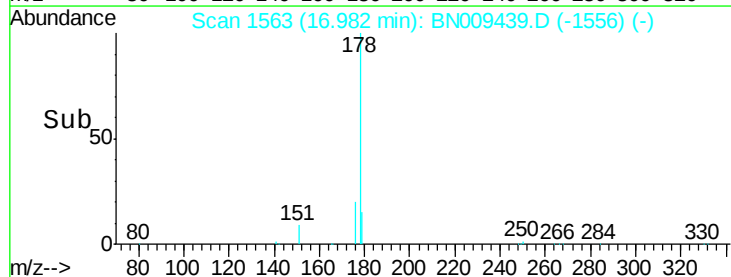
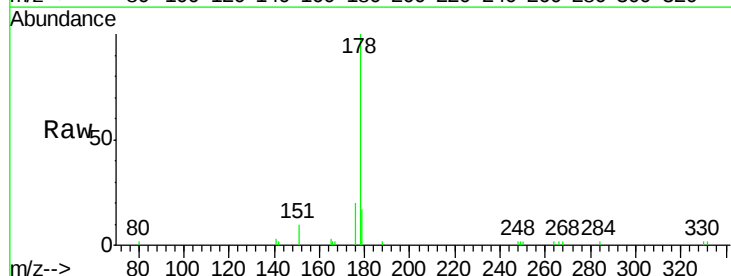
Manual Integrations
APPROVED

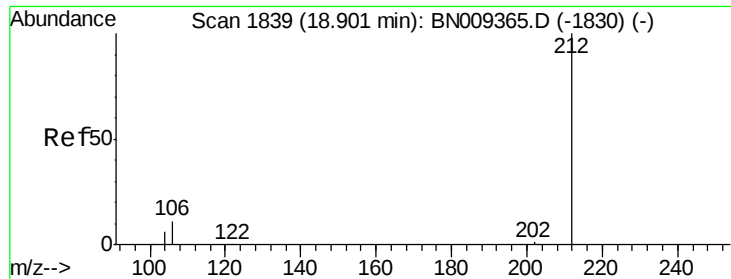
mohammad
1/28/2020 8:11:16 AM



#24
Anthracene
Concen: 0.278 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	15.6	12.5	18.7





#25

Fluoranthene-d10

Concen: 0.181 ng

RT: 18.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Instrument :

BNA_N

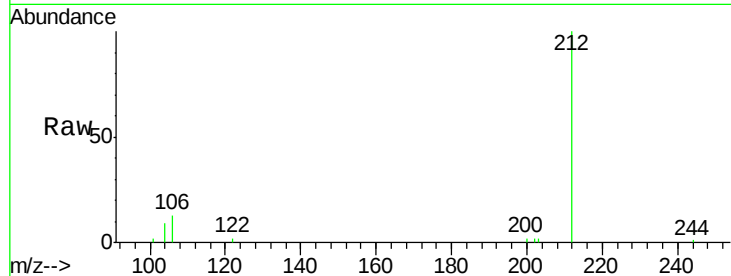
ClientSampleId :

PF-5MSD

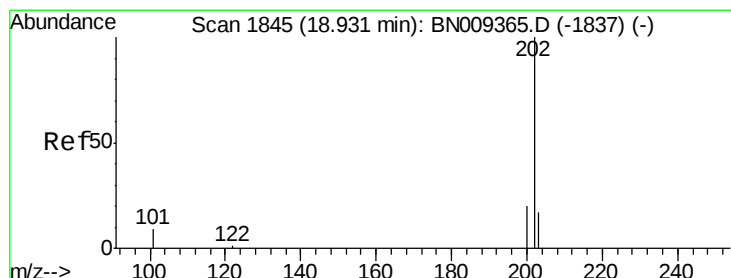
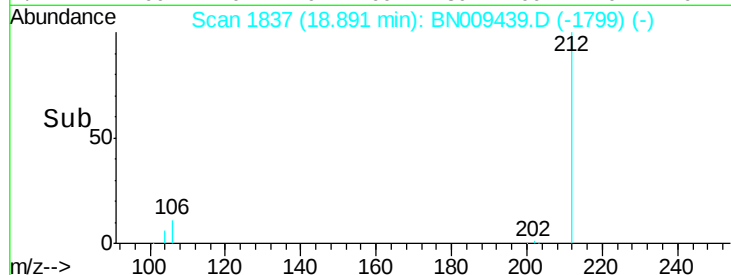
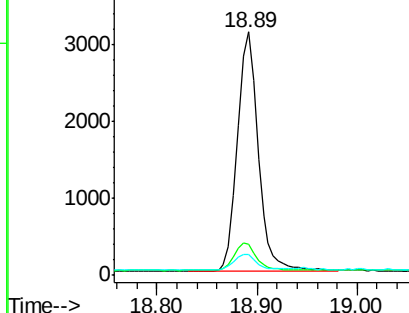
Tot Ion:	212	Resp:	4509
Ion Ratio	Lower	Upper	
212	100		
106	12.0	9.2	13.8
104	6.7	5.4	8.0

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:16 AM



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: 0.268 ng

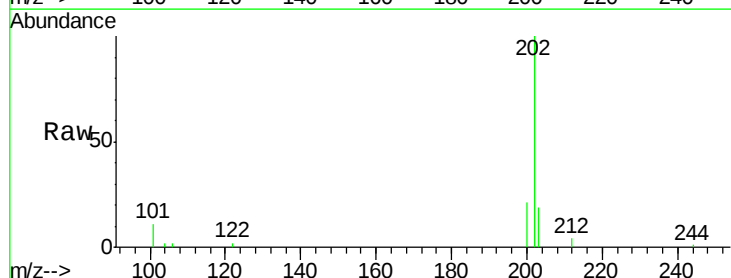
RT: 18.92 min Scan# 1843

Delta R.T. -0.01 min

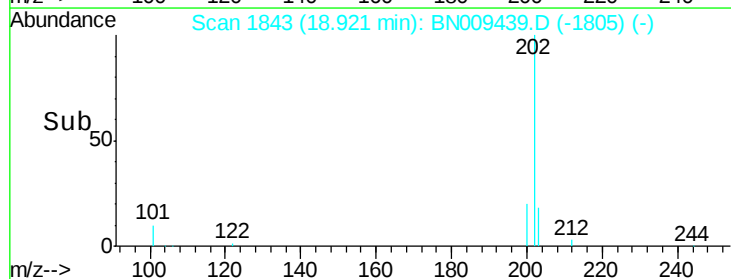
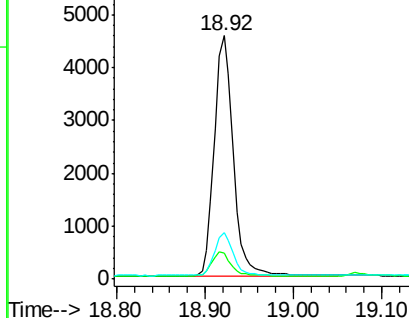
Lab File: BN009439.D

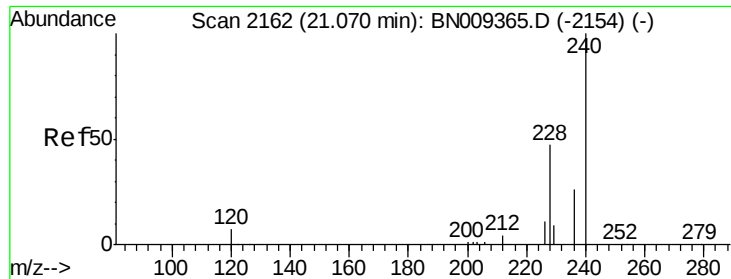
Acq: 24 Jan 2020 13:03

Tgt Ion:	202	Resp:	6847
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.0	12.0
203	17.2	13.5	20.3



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: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Instrument :

BNA_N

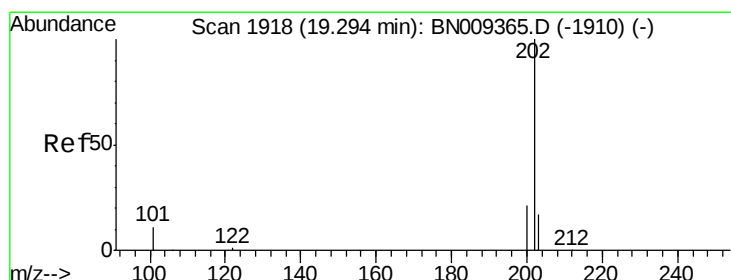
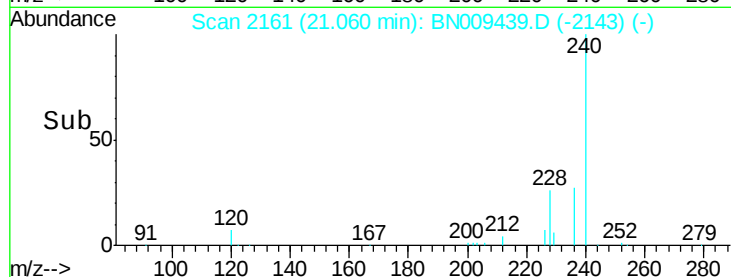
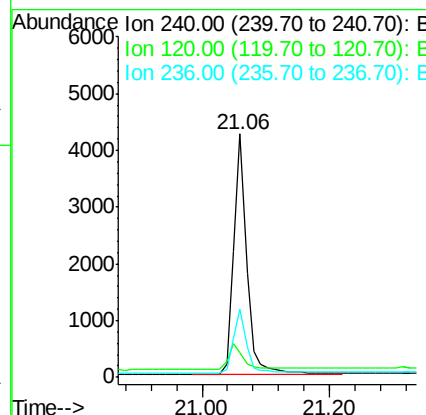
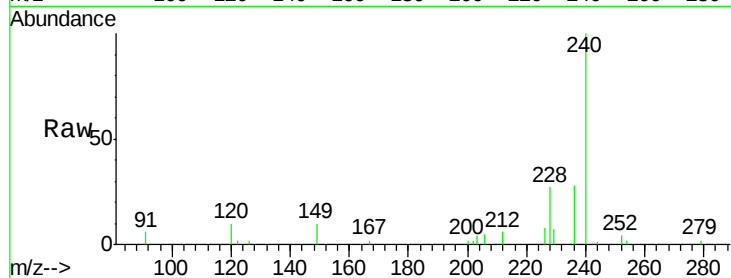
ClientSampleId :

PF-5MSD

Tot Ion:	240	Resp:	6059
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.1	12.1
236	28.1	22.2	33.4

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:16 AM



#28

Pyrene

Concen: 0.313 ng

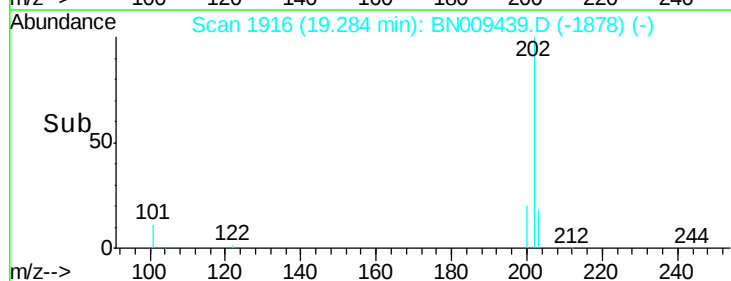
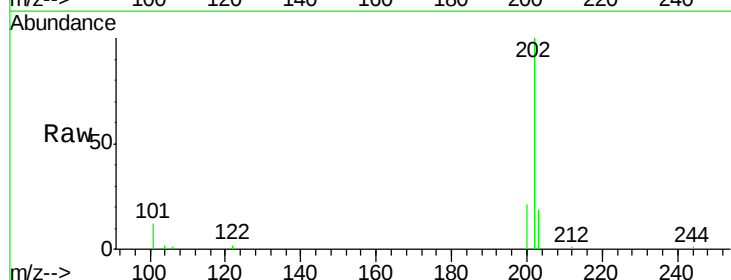
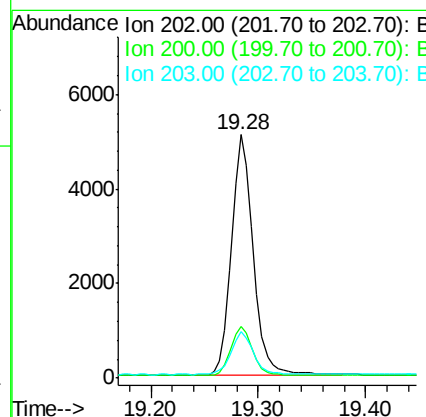
RT: 19.28 min Scan# 1916

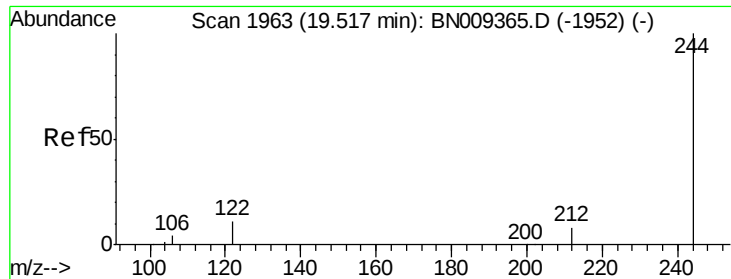
Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Tgt Ion:	202	Resp:	7197
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.2	24.2
203	18.3	14.1	21.1





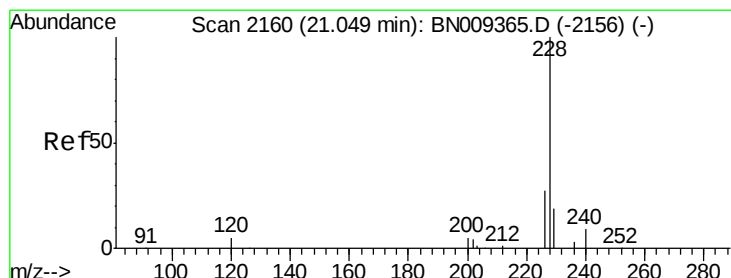
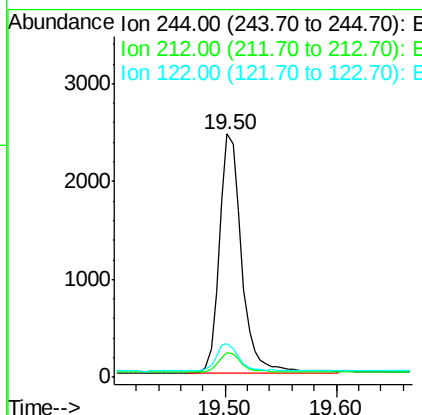
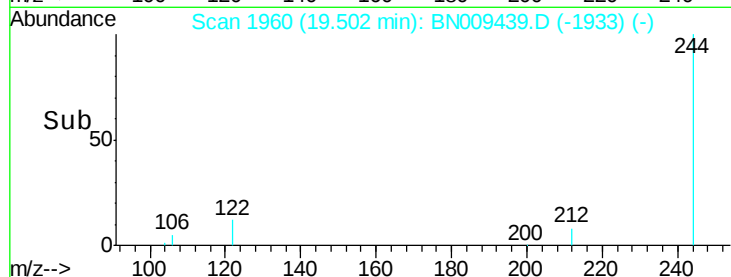
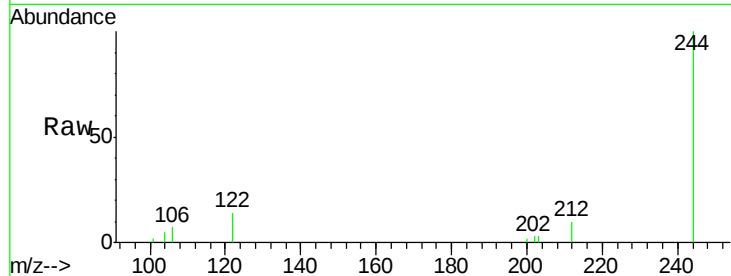
#29
 Terphenyl-d14
 Concen: 0.236 ng
 RT: 19.50 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BN009439.D
 Acq: 24 Jan 2020 13:03

Instrument :
 BNA_N
 ClientSampleId :
 PF-5MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.5	11.3
122	14.1	9.8	14.6

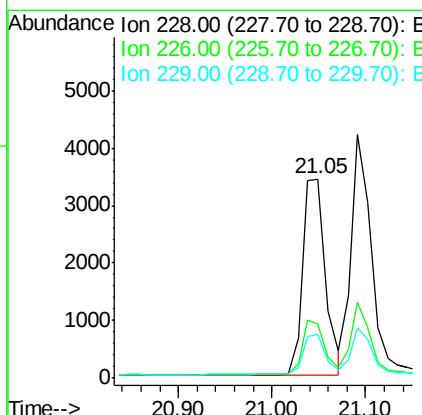
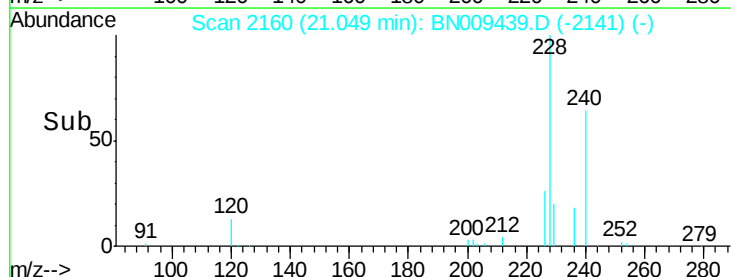
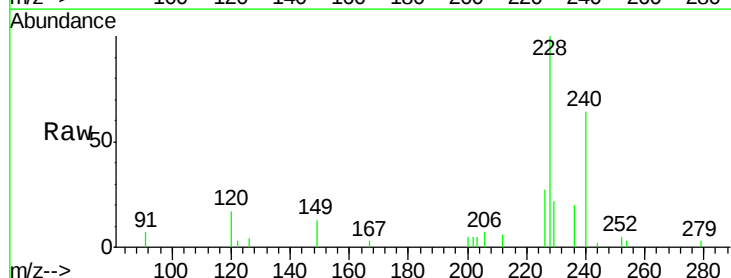
Manual Integrations
 APPROVED

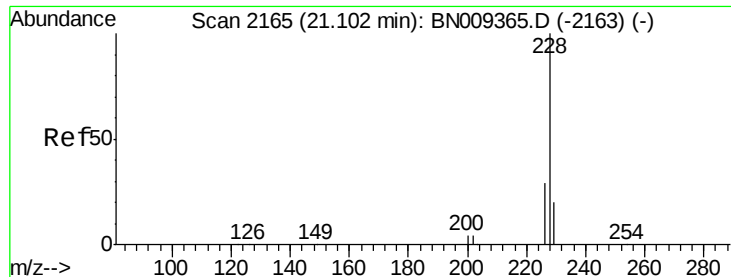
mohammad
 1/28/2020 8:11:16 AM



#30
 Benzo(a)anthracene
 Concen: 0.289 ng
 RT: 21.05 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BN009439.D
 Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	21.8	16.1	24.1





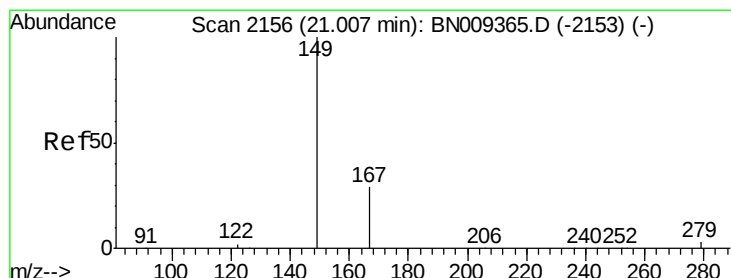
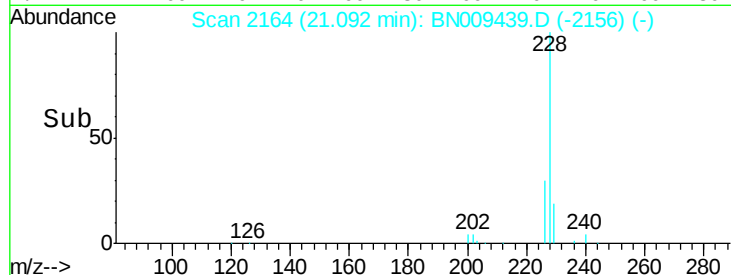
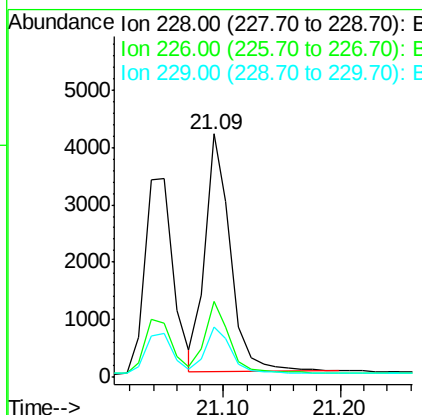
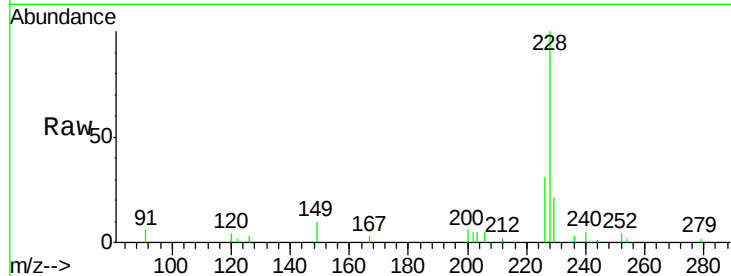
#31
 Chrysene
 Concen: 0.273 ng
 RT: 21.09 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BN009439.D
 Acq: 24 Jan 2020 13:03

Instrument :
 BNA_N
 ClientSampled :
 PF-5MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.8
229	20.5	16.6	24.8

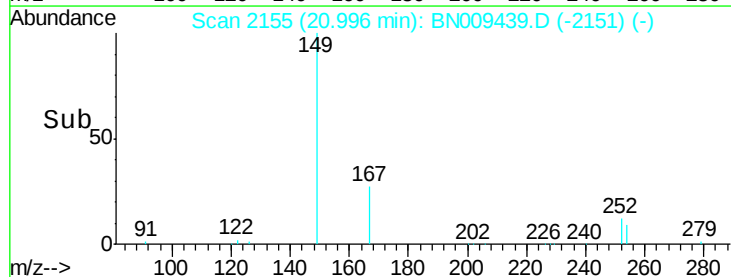
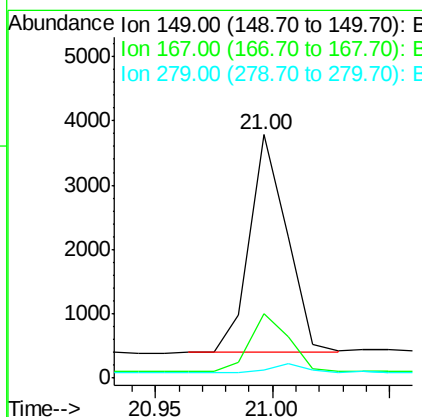
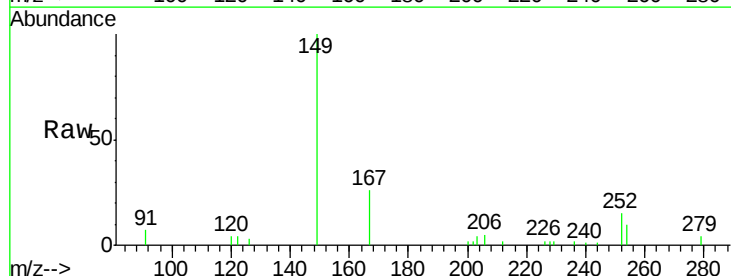
Manual Integrations
 APPROVED

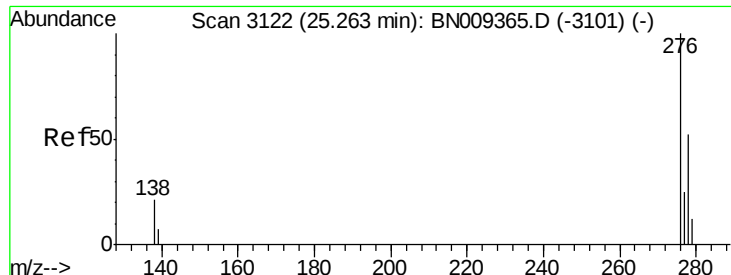
mohammad
 1/28/2020 8:11:16 AM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.425 ng
 RT: 21.00 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BN009439.D
 Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.9	34.3
279	4.3	3.4	5.0





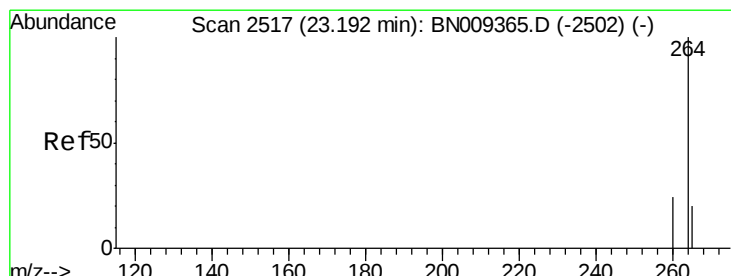
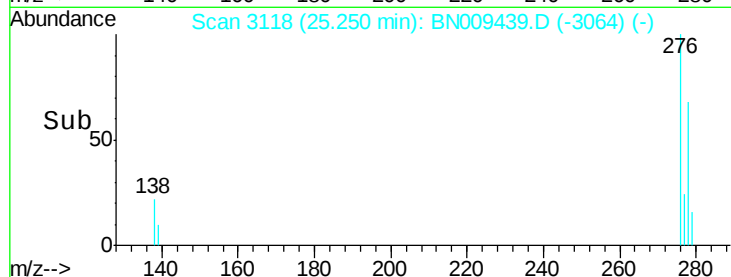
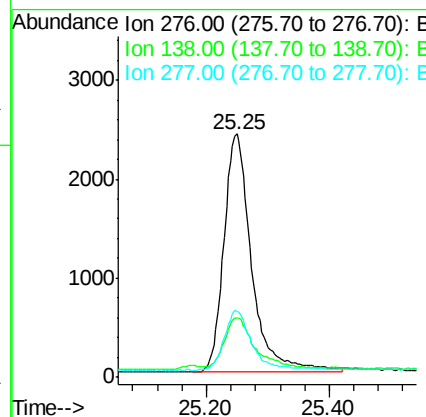
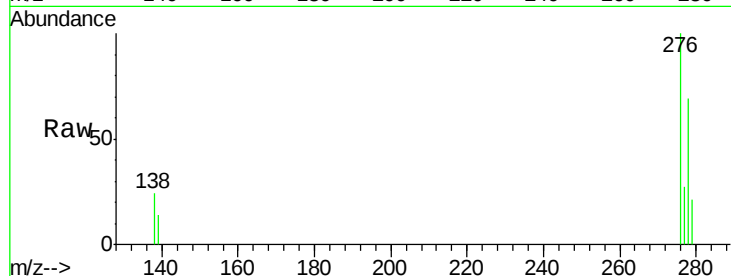
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng
RT: 25.25 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PF-5MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	15.9	23.9
277	24.6	19.8	29.6

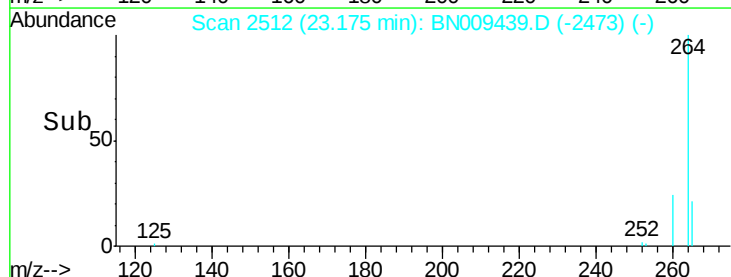
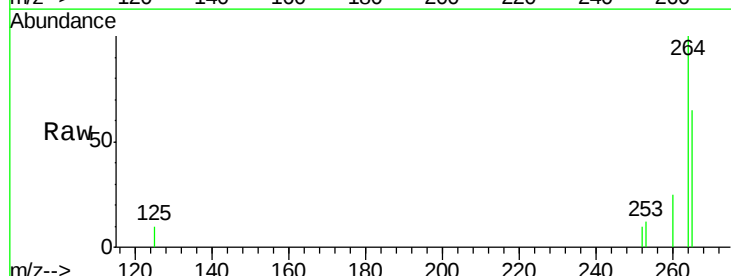
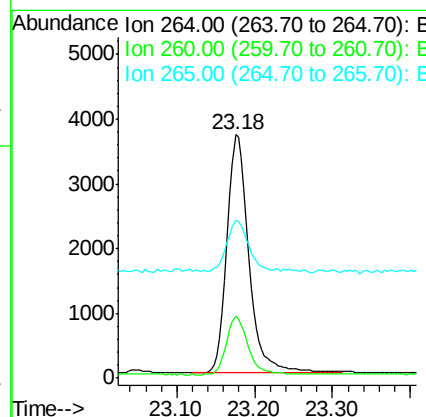
Manual Integrations
APPROVED

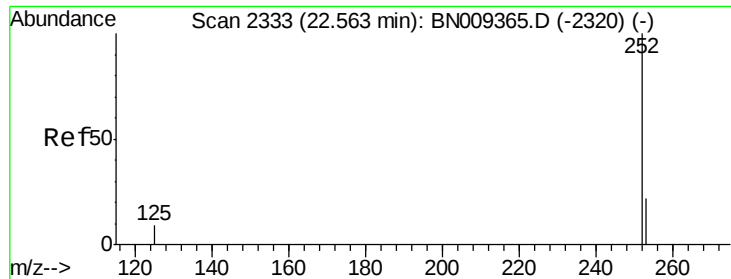
mohammad
1/28/2020 8:11:16 AM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.18 min Scan# 2512
Delta R.T. -0.02 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	64.6	68.2	102.4#





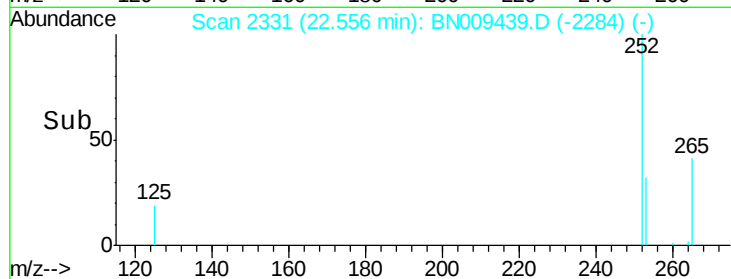
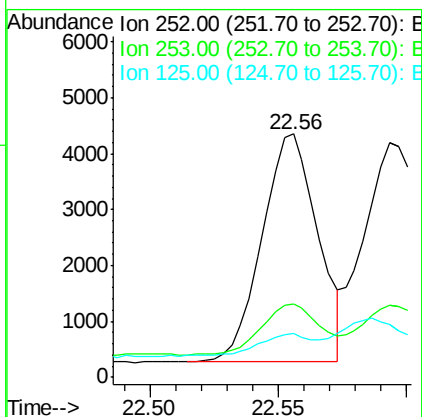
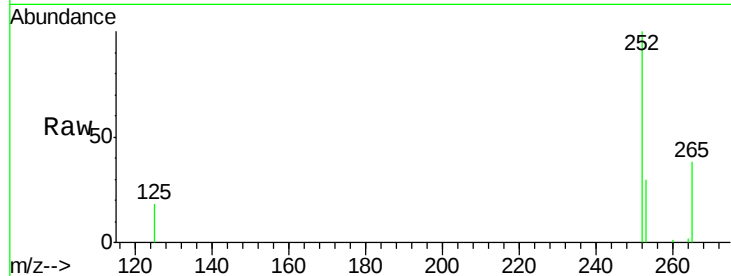
#35
Benzo(b)fluoranthene
Concen: 0.232 ng
RT: 22.56 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PF-5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	22.4	33.6
125	18.0	11.6	17.4

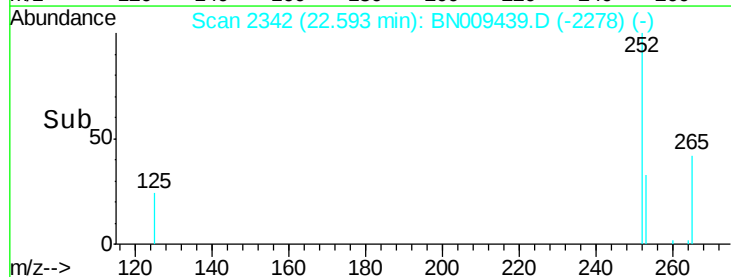
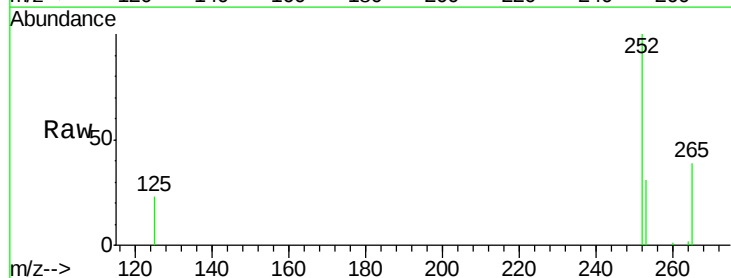
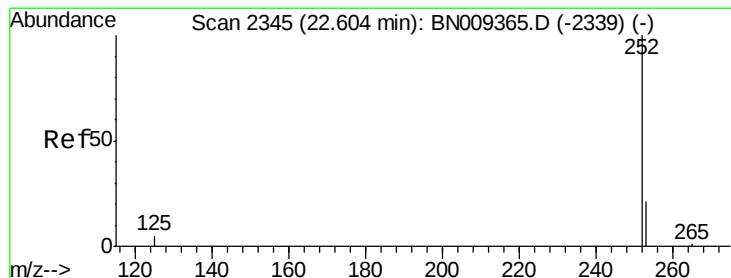
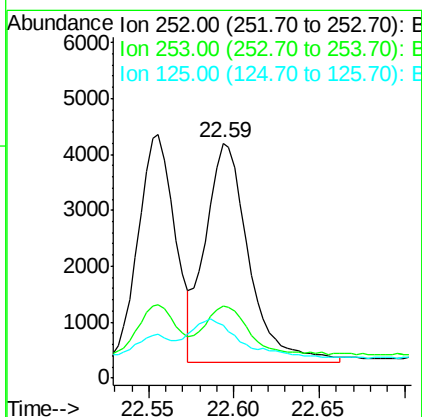
Manual Integrations
APPROVED

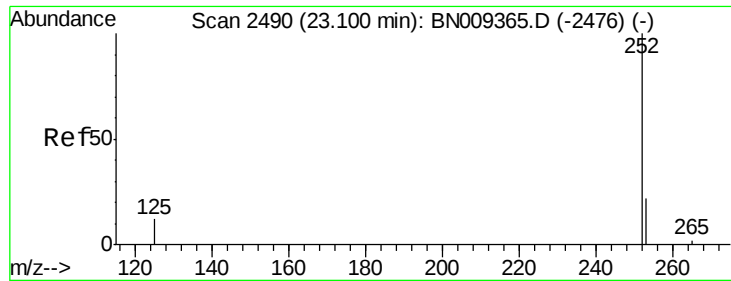
mohammad
1/28/2020 8:11:16 AM



#36
Benzo(k)fluoranthene
Concen: 0.238 ng m
RT: 22.59 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	21.9	32.9
125	22.8	12.0	18.0





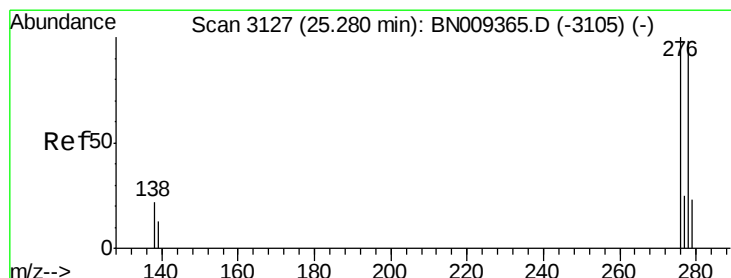
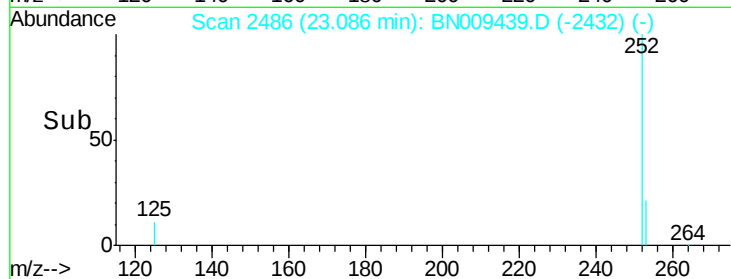
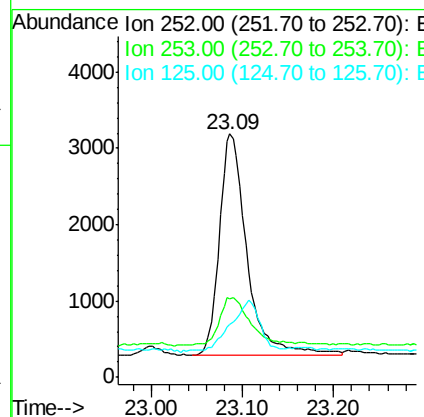
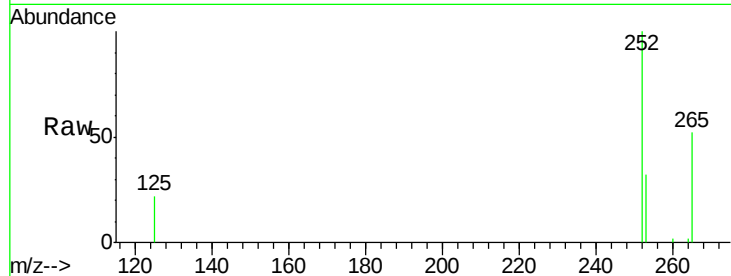
#37
Benzo(a)pyrene
Concen: 0.261 ng
RT: 23.09 min Scan# 2486
Delta R.T. -0.01 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PF-5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.4	25.4	38.0
125	21.7	16.2	24.2

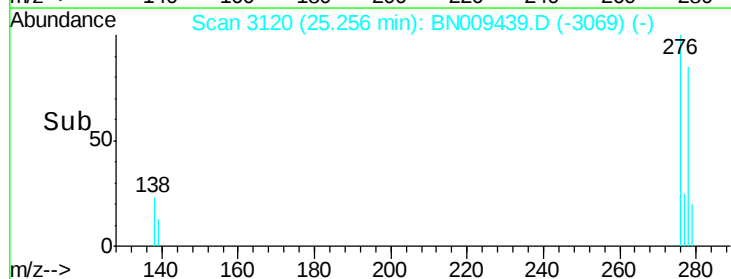
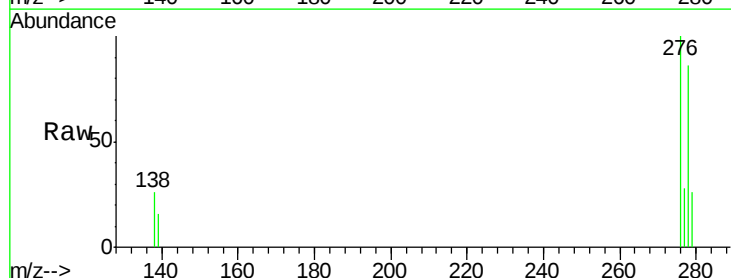
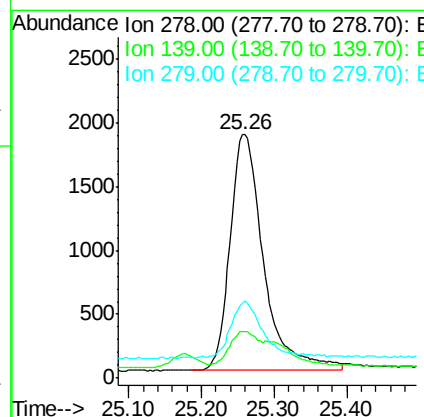
Manual Integrations
APPROVED

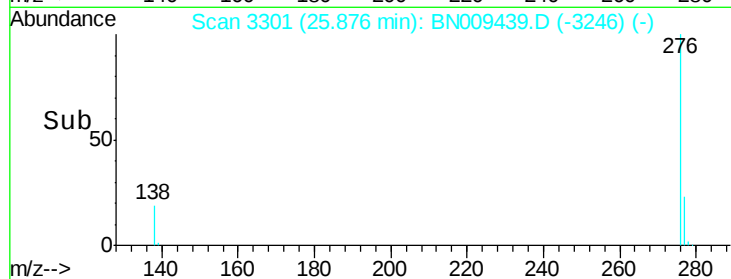
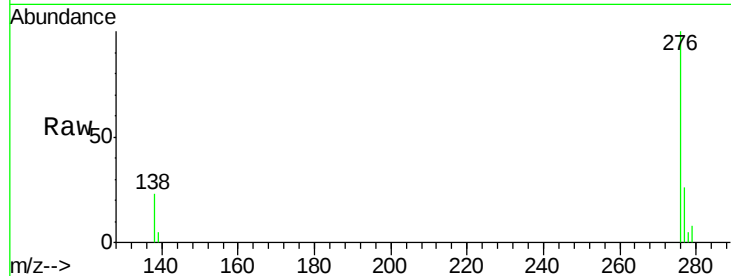
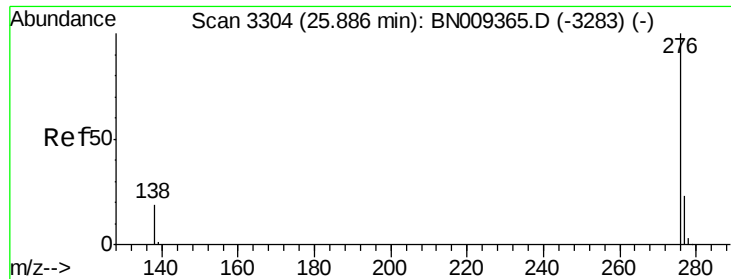
mohammad
1/28/2020 8:11:16 AM



#38
Dibenzo(a,h)anthracene
Concen: 0.252 ng
RT: 25.26 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BN009439.D
Acq: 24 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.5	21.7
279	30.6	24.2	36.4





#39

Benzo(a,h,i)perylene

Concen: 0.261 ng

RT: 25.88 min Scan# 3301

Delta R.T. -0.01 min

Lab File: BN009439.D

Acq: 24 Jan 2020 13:03

Tot Ion:	276	Resp:	6749
Ion Ratio	Lower	Upper	
276	100		
277	25.7	20.6	30.8
138	22.5	17.1	25.7

Instrument :

BNA_N

ClientSampleId :

PF-5MSD

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:16 AM

