

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
 Data File : BN006654.D
 Acq On : 01 Jul 2019 09:47
 Operator : HP/JU
 Sample : K3504-19MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B213-062019MS

Manual Integrations
 APPROVED

mohammad
 7/2/2019 2:52:08 PM

Quant Time: Jul 02 05:17:06 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 13:47:56 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3897	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	15313	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	8444	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	18824	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	16871	0.40	ng	-0.01
34) Perylene-d12	23.51	264	18431	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	3510	0.37	ng	0.00
5) Phenol-d6	6.81	99	4936	0.39	ng	-0.02
8) Nitrobenzene-d5	8.79	82	3442	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	10243m	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	1349	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	10436	0.33	ng	-0.01
25) Fluoranthene-d10	19.08	212	16458	0.30	ng	0.00
29) Terphenyl-d14	19.68	244	11722	0.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	1483	0.275	ng	# 55
3) n-Nitrosodimethylamine	3.49	42	1529	0.361	ng	# 89
6) bis(2-Chloroethyl)ether	7.06	93	3468	0.307	ng	87
9) Naphthalene	10.44	128	15457	0.384	ng	99
10) Hexachlorobutadiene	10.72	225	2599	0.314	ng	# 99
12) 2-Methylnaphthalene	12.07	142	10340	0.372	ng	99
16) Acenaphthylene	13.99	152	23338	0.580	ng	100
17) Acenaphthene	14.33	154	9328	0.352	ng	99
18) Fluorene	15.32	166	12236	0.366	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	3485	0.334	ng	# 87
21) Hexachlorobenzene	16.35	284	4078	0.309	ng	100
22) Pentachlorophenol	16.72	266	591	0.388	ng	95
23) Phenanthrene	17.07	178	42693	0.798	ng	100
24) Anthracene	17.16	178	22451	0.483	ng	98
26) Fluoranthene	19.11	202	72472	1.114	ng	99
28) Pyrene	19.47	202	86560	1.466	ng	98
30) Benzo(a)anthracene	21.25	228	49365	0.895	ng	97
31) Chrysene	21.30	228	53216	0.895	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	70454	2.538	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	40274	0.669	ng	98
35) Benzo(b)fluoranthene	22.84	252	56061	0.894	ng	99
36) Benzo(k)fluoranthene	22.88	252	34704	0.519	ng	96
37) Benzo(a)pyrene	23.41	252	46286	0.790	ng	99
38) Dibenzo(a,h)anthracene	25.76	278	22696	0.443	ng	95
39) Benzo(g,h,i)perylene	26.43	276	38572	0.755	ng	100

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

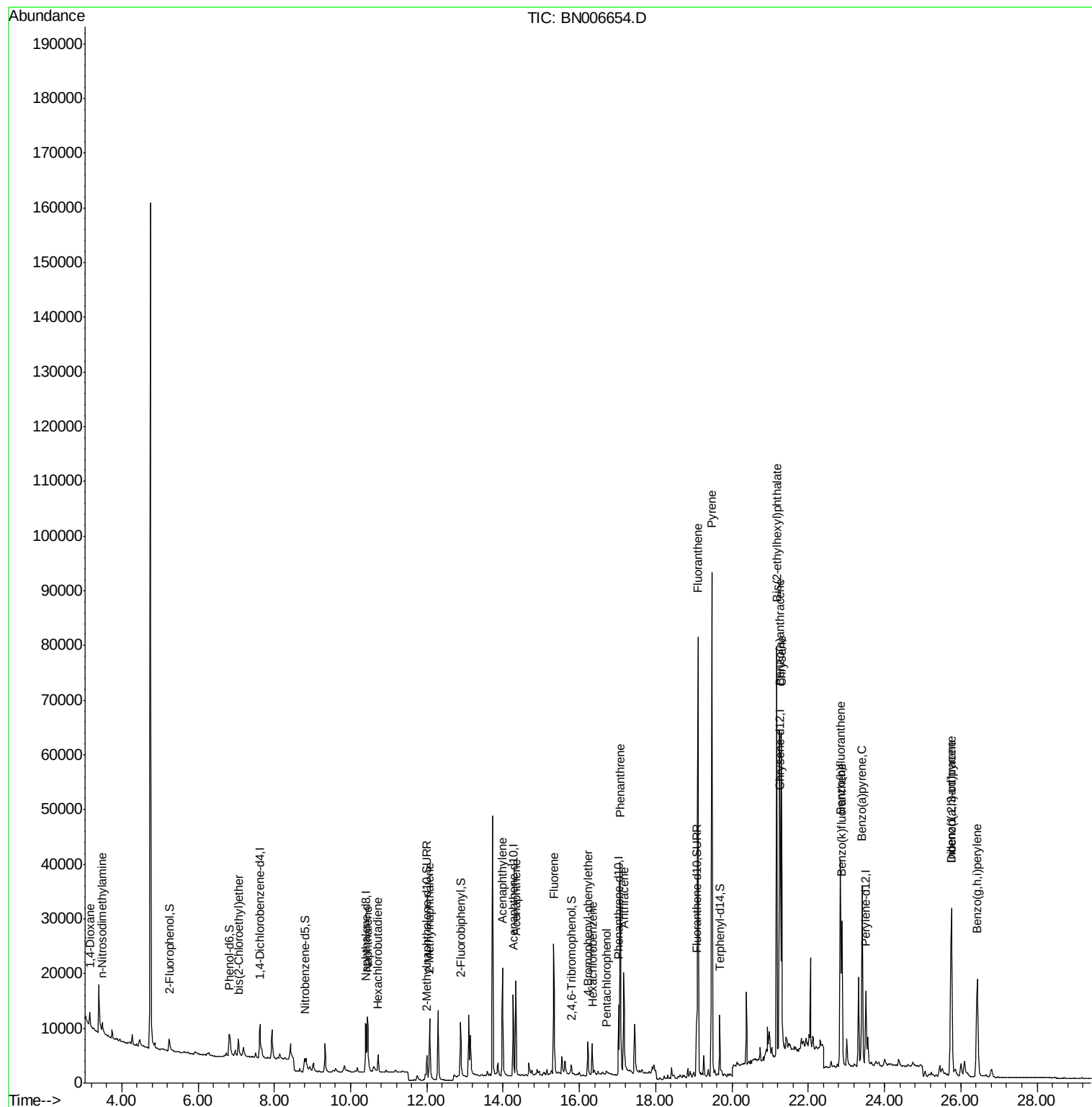
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
Data File : BN006654.D
Acq On : 01 Jul 2019 09:47
Operator : HP/JU
Sample : K3504-19MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

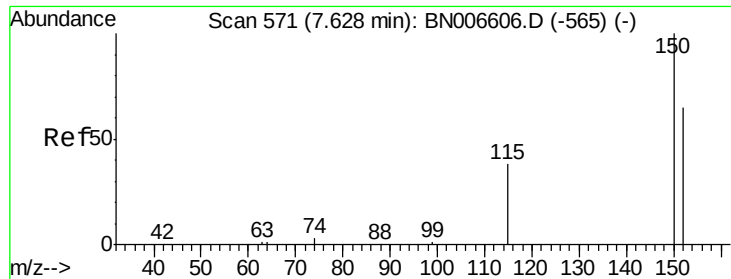
Instrument :
BNA_N
ClientSampleId :
PST-013-B213-062019MS

Manual Integrations
APPROVED

mohammad
7/2/2019 2:52:08 PM

Quant Time: Jul 02 05:17:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration





#1

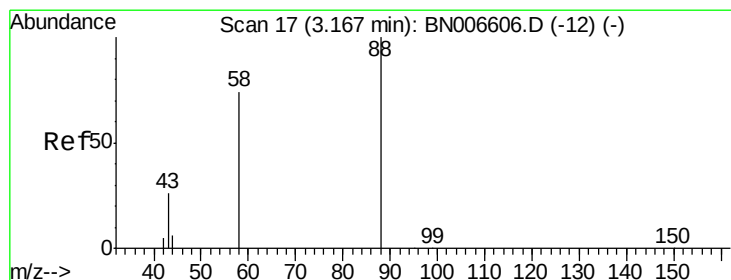
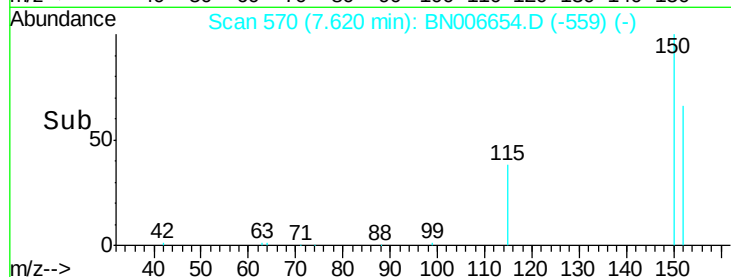
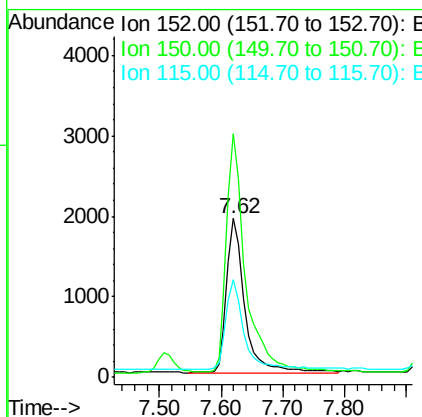
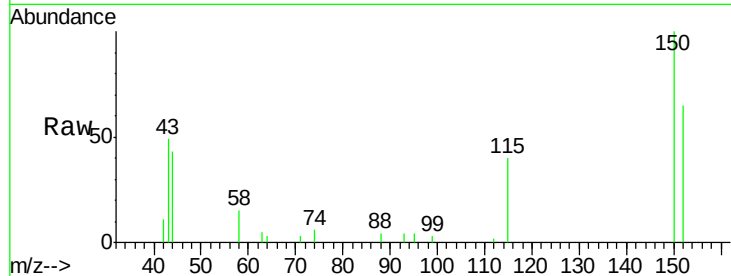
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Instrument :
BNA_N
ClientSampleId :
PST-013-B213-062019MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.2	183.2
115	61.4	50.0	75.0

Manual Integrations
APPROVED

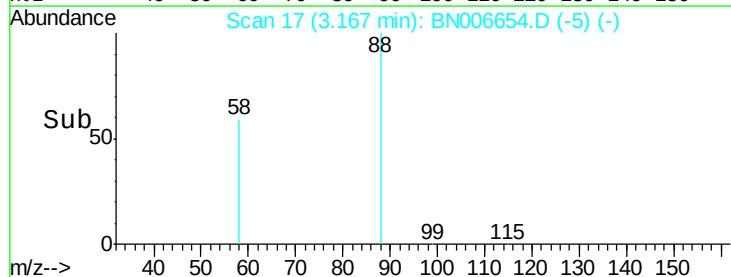
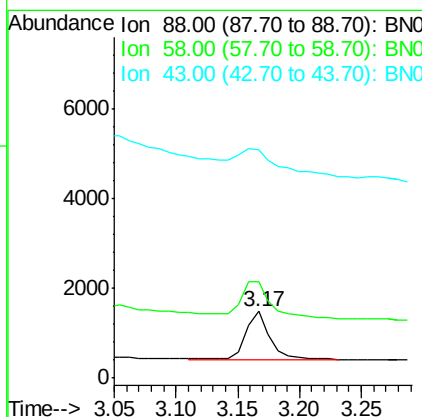
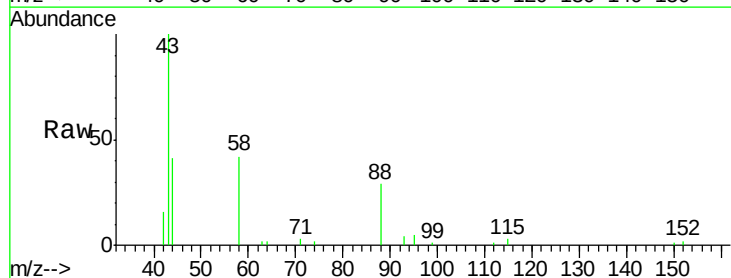
mohammad
7/2/2019 2:52:08 PM

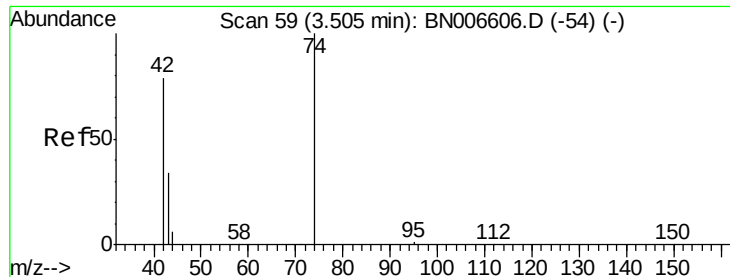


#2

1,4-Dioxane
Concen: 0.275 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.4	62.5	93.7#
43	93.3	25.4	38.0#





#3

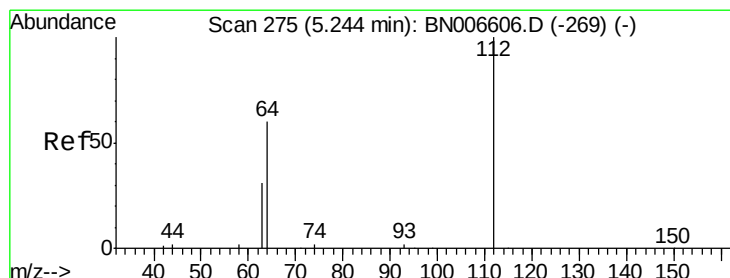
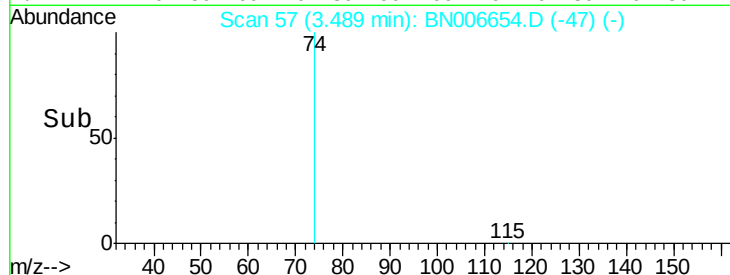
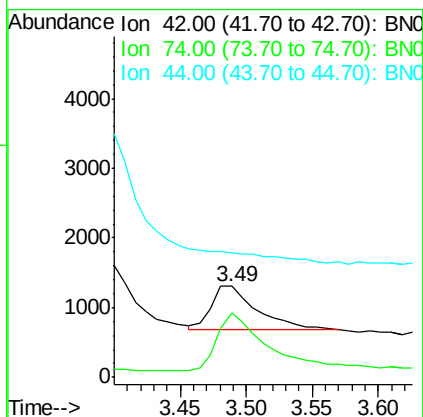
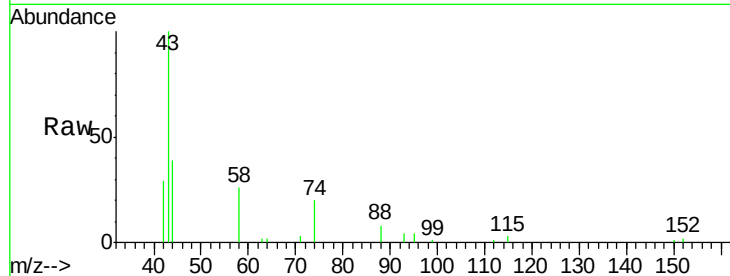
n-Nitrosodimethylamine
 Concen: 0.361 ng
 RT: 3.49 min Scan# 57
 Delta R.T. -0.02 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B213-062019MS

Tot Ion	Ratio	Lower	Upper
42	100		
74	141.3	103.1	154.7
44	0.0	3.4	5.2#

Manual Integrations
 APPROVED

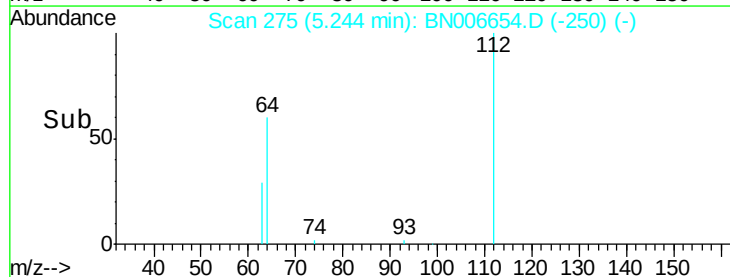
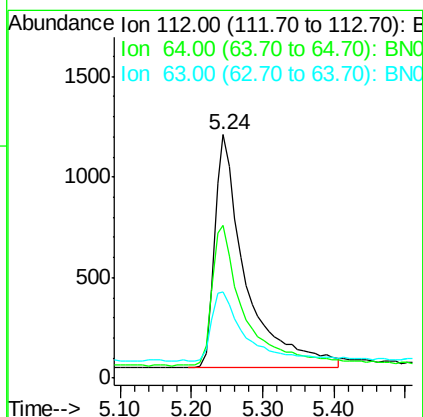
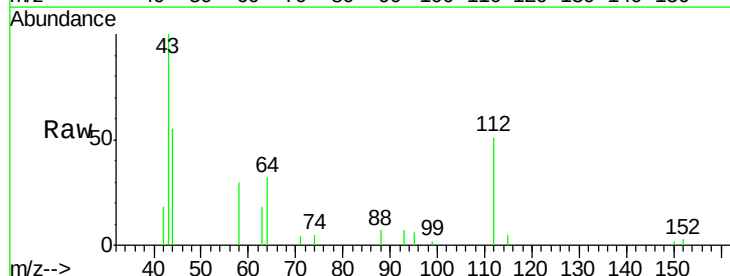
mohammad
 7/2/2019 2:52:08 PM

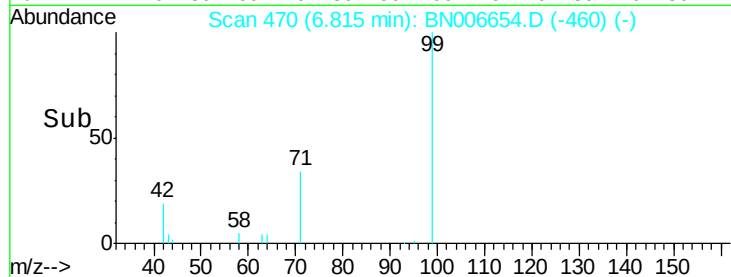
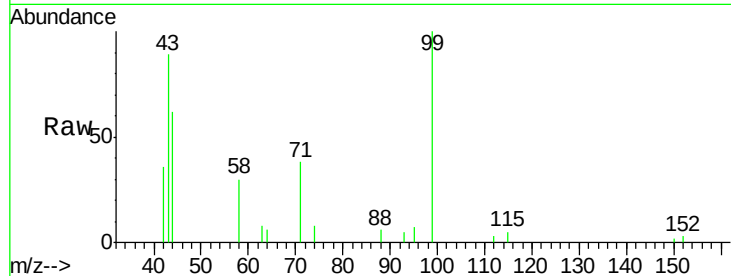
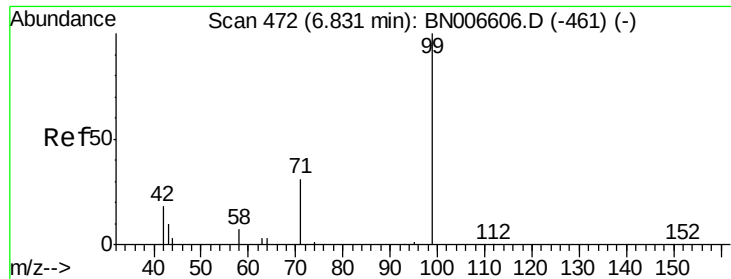


#4

2-Fluorophenol
 Concen: 0.367 ng
 RT: 5.24 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	48.9	73.3
63	32.3	24.3	36.5





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Tot Ion:	99	Resp:	4936
Ion	Ratio	Lower	Upper
99	100		
42	25.3	16.4	24.6#
71	30.6	26.6	40.0

Instrument :

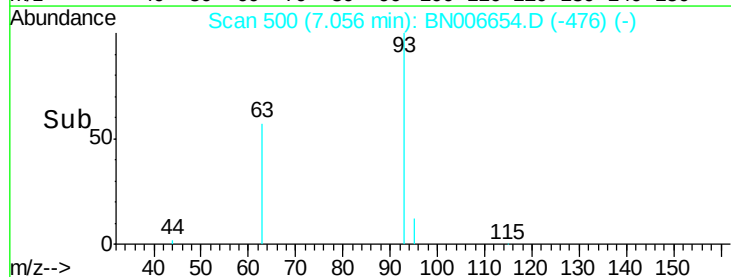
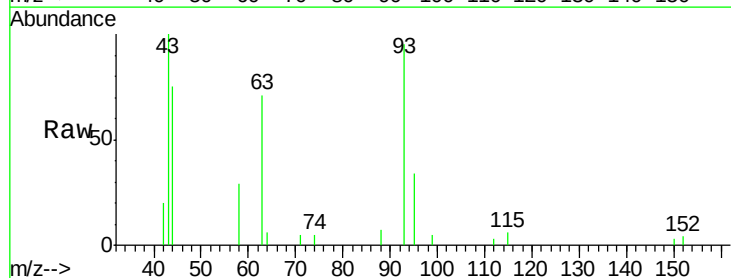
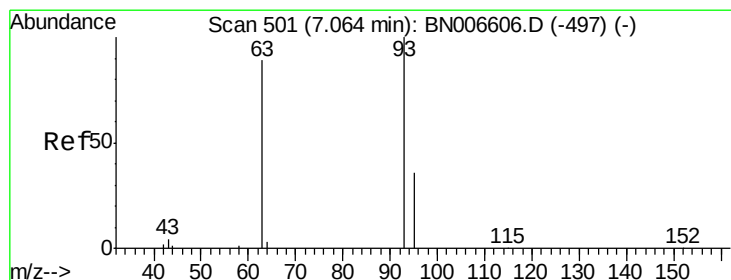
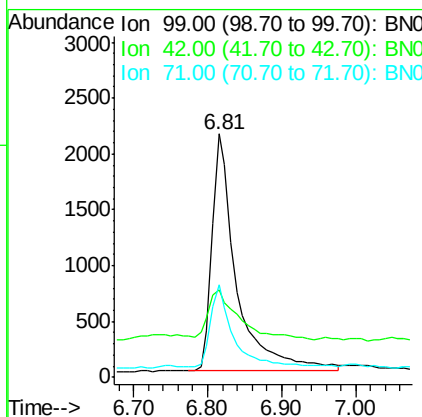
BNA_N

ClientSampleId :

PST-013-B213-062019MS

Manual Integrations
APPROVED

mohammad
7/2/2019 2:52:08 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.307 ng

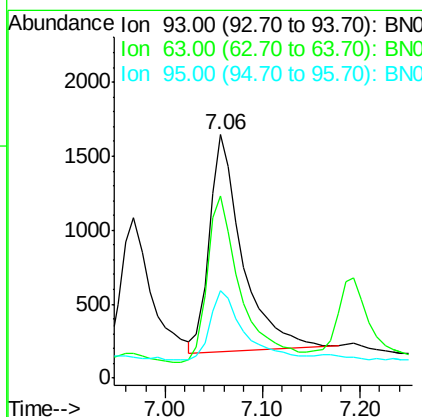
RT: 7.06 min Scan# 500

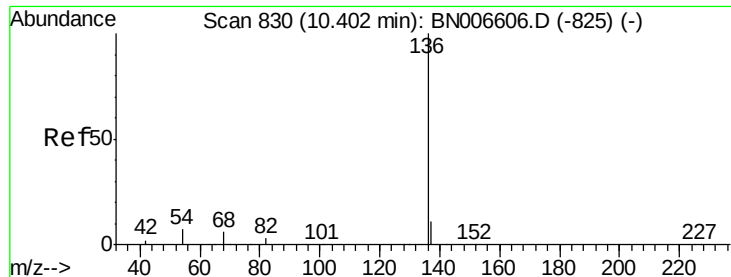
Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Tgt Ion:	93	Resp:	3468
Ion	Ratio	Lower	Upper
93	100		
63	78.3	52.5	78.7
95	33.4	24.2	36.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

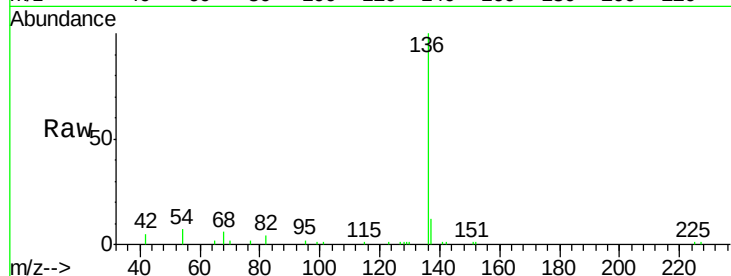
ClientSampleId :

PST-013-B213-062019MS

Tot Ion	136	Resp	15313
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	7.1	6.7	10.1
68	5.8	5.3	7.9

Manual Integrations
APPROVED

mohammad
7/2/2019 2:52:08 PM



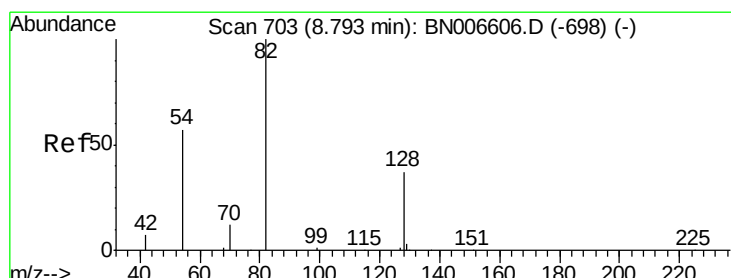
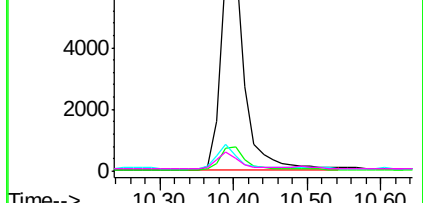
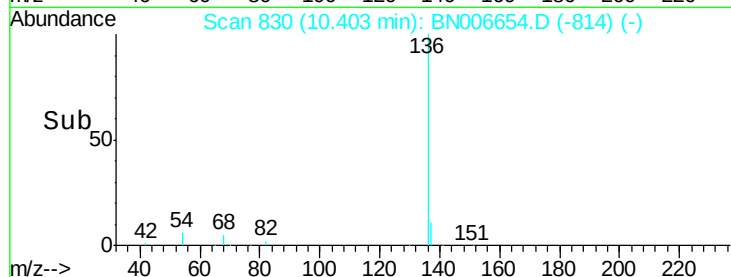
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

Time-->



#8

Nitrobenzene-d5

Concen: 0.334 ng

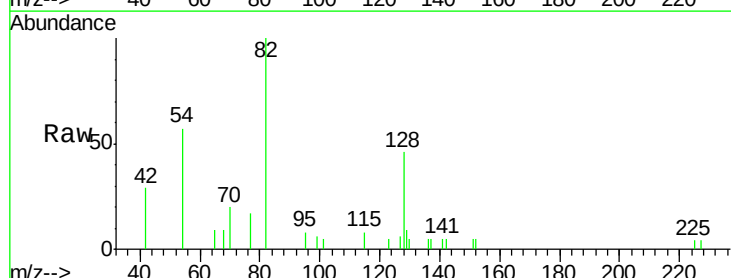
RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Tgt Ion	82	Resp	3442
Ion Ratio	Lower	Upper	
82	100		
128	45.6	32.6	49.0
54	56.9	48.2	72.4

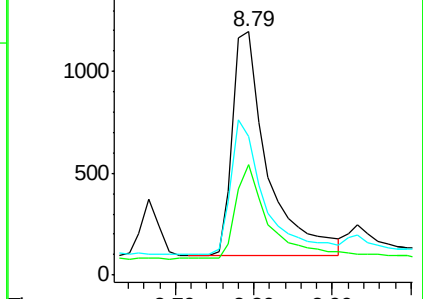
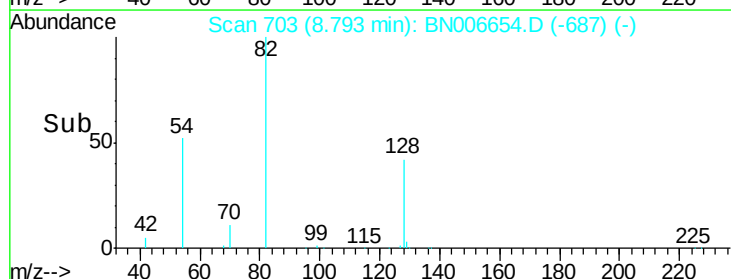


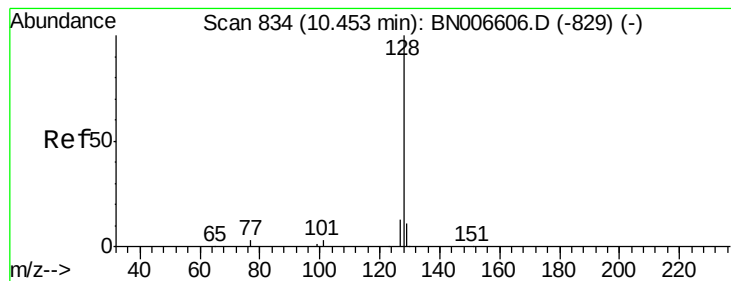
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

Time-->





#9

Naphthalene

Concen: 0.384 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

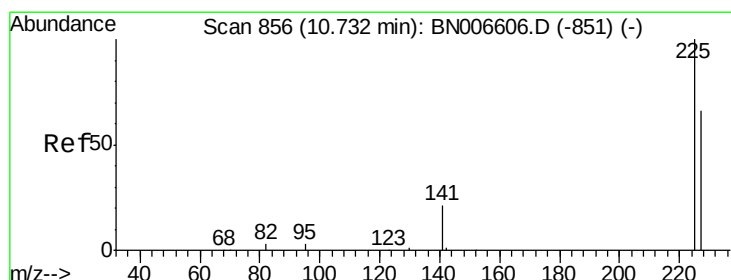
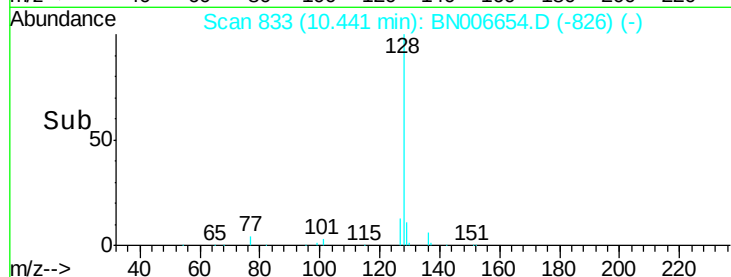
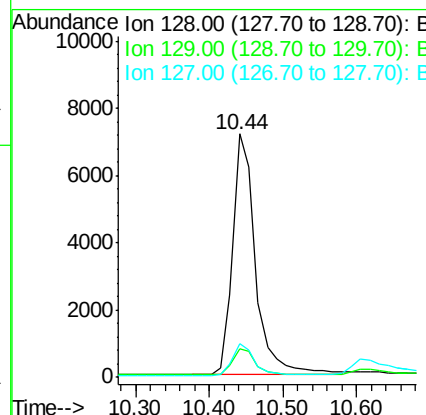
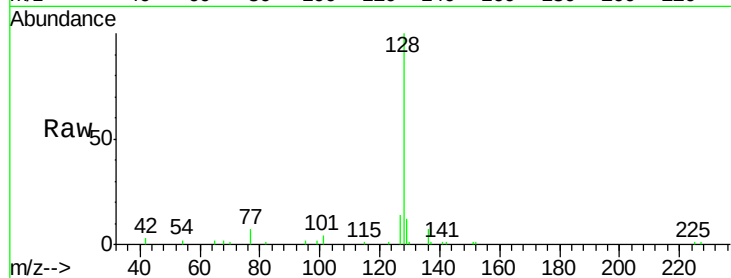
ClientSampleId :

PST-013-B213-062019MS

Tot Ion:	128	Resp:	15457
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.3	13.9
127	14.1	10.8	16.2

Manual Integrations
APPROVED

mohammad
7/2/2019 2:52:08 PM



#10

Hexachlorobutadiene

Concen: 0.314 ng

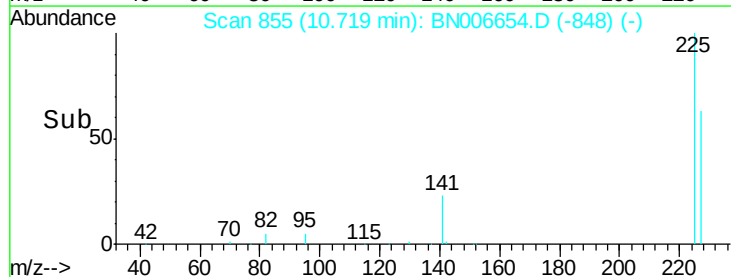
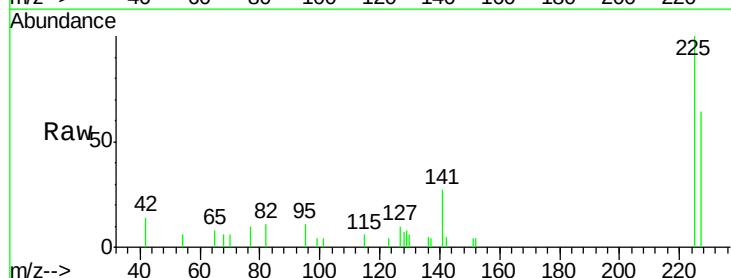
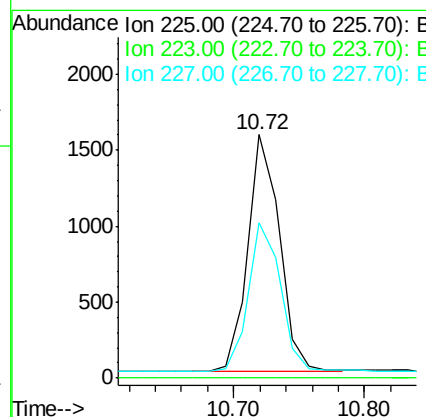
RT: 10.72 min Scan# 855

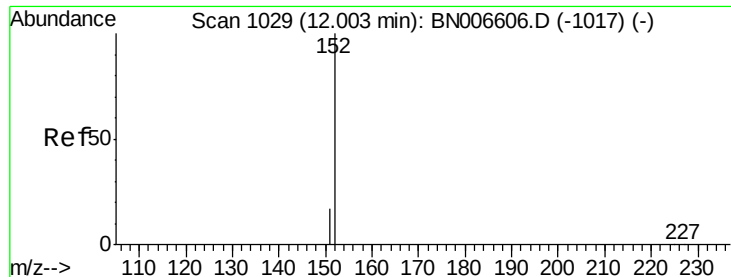
Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Tgt Ion:	225	Resp:	2599
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.4	51.4	77.2





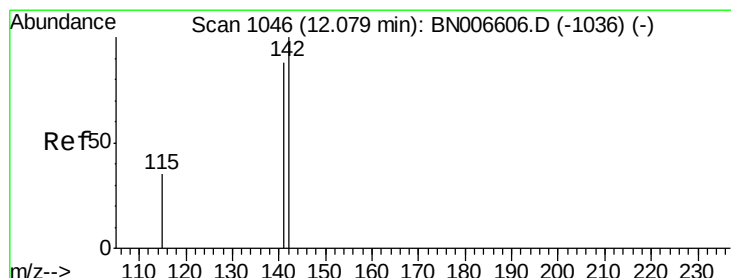
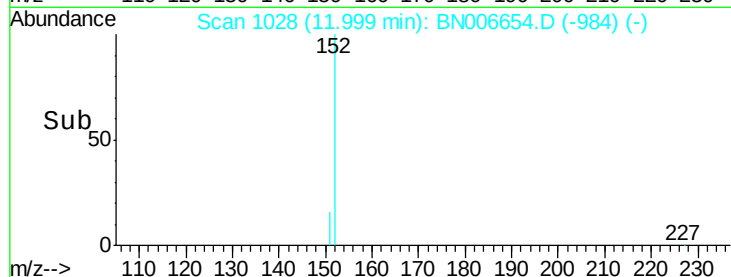
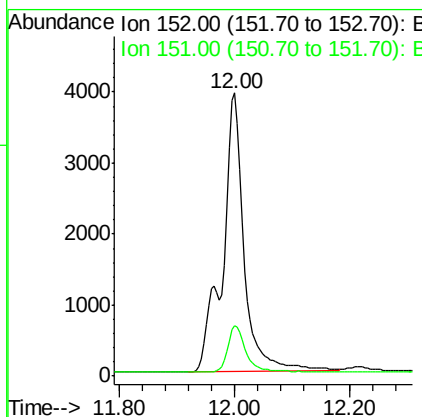
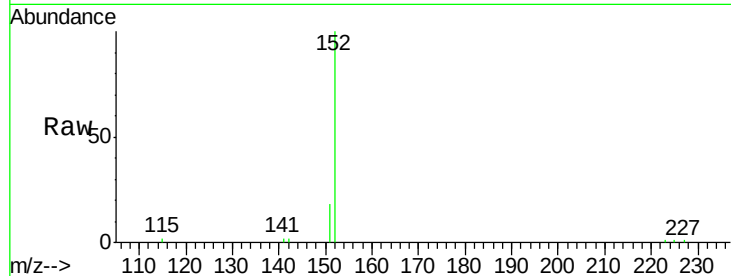
#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Instrument :
BNA_N
ClientSampleId :
PST-013-B213-062019MS

Tot Ion:152 Resp: 10243
Ion Ratio Lower Upper
152 100
151 14.1 15.0 22.4#

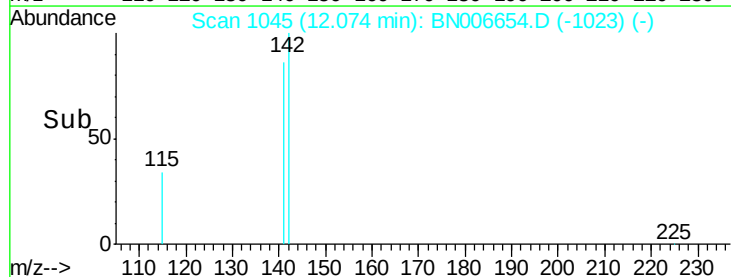
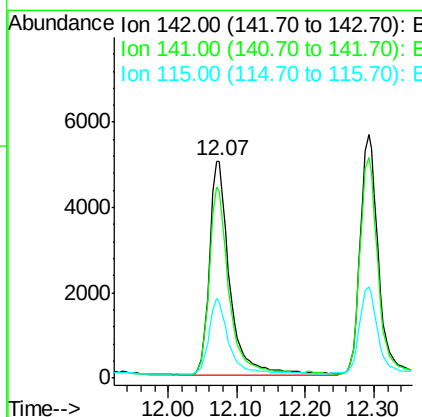
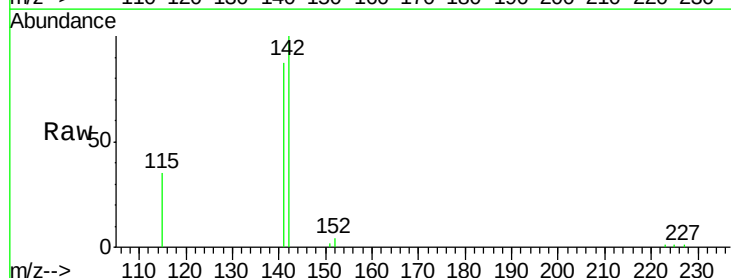
Manual Integrations
APPROVED

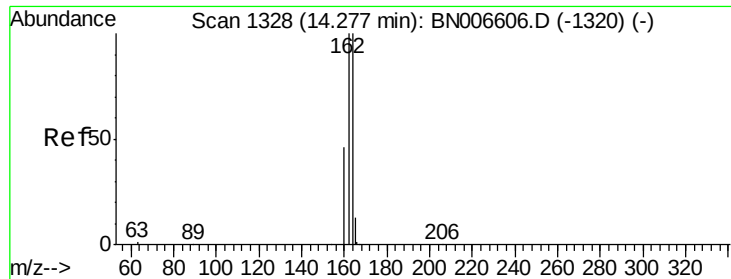
mohammad
7/2/2019 2:52:08 PM



#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:142 Resp: 10340
Ion Ratio Lower Upper
142 100
141 86.5 70.2 105.4
115 34.9 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

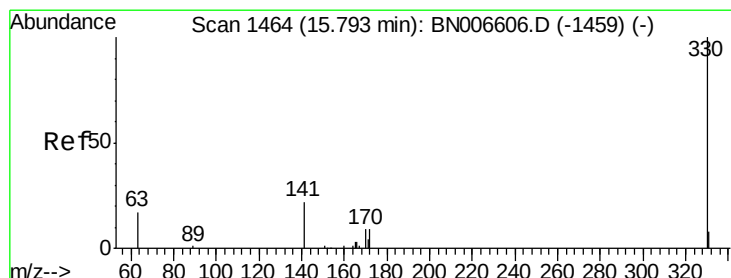
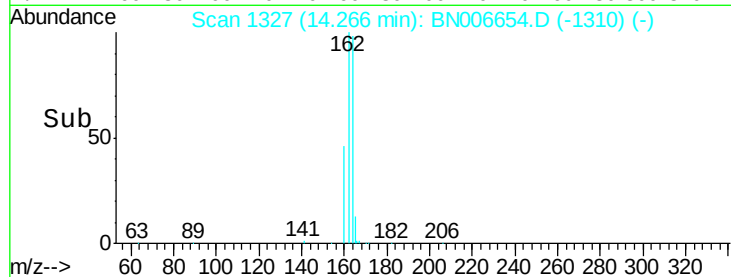
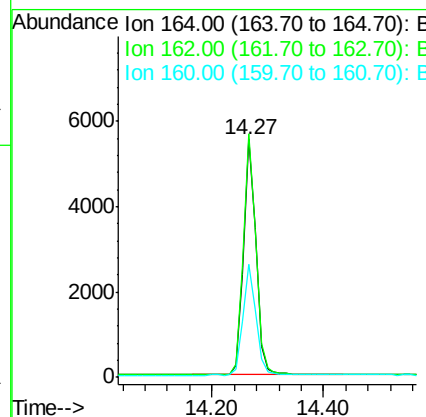
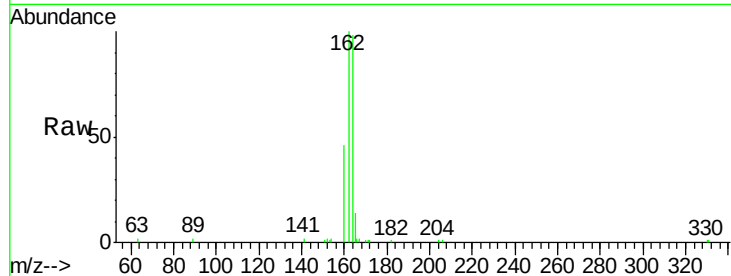
ClientSampleId :

PST-013-B213-062019MS

Tot Ion:	164	Resp:	8444
Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.0	120.0
160	47.3	37.0	55.4

Manual Integrations
APPROVED

mohammad
7/2/2019 2:52:08 PM



#14

2,4,6-Tribromophenol

Concen: 0.339 ng

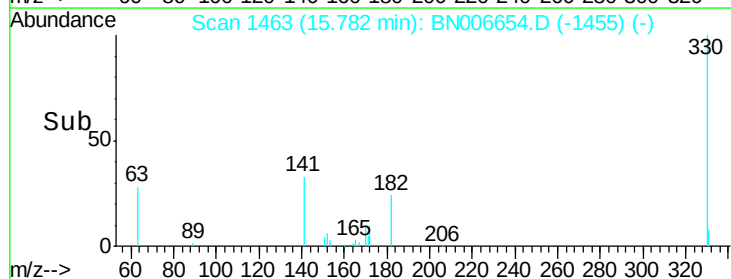
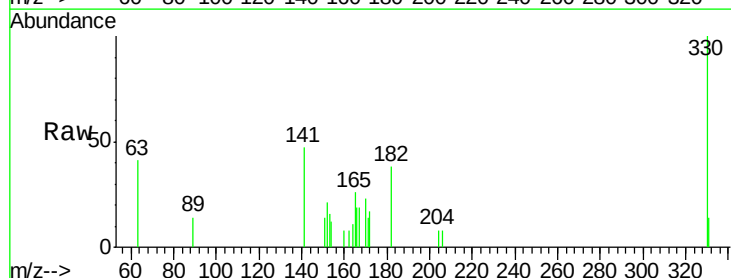
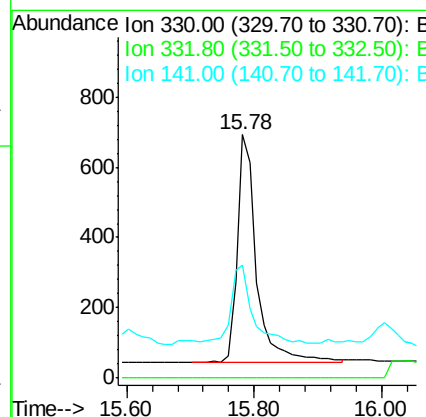
RT: 15.78 min Scan# 1463

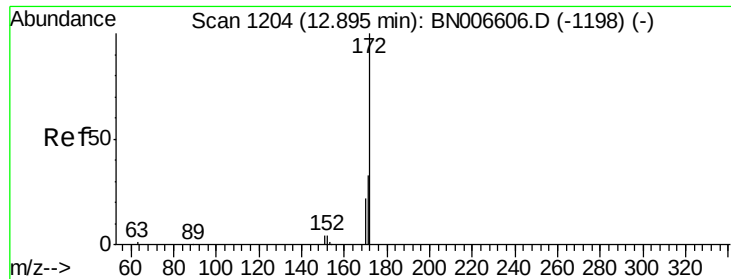
Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Tgt Ion:	330	Resp:	1349
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.5	26.5	39.7





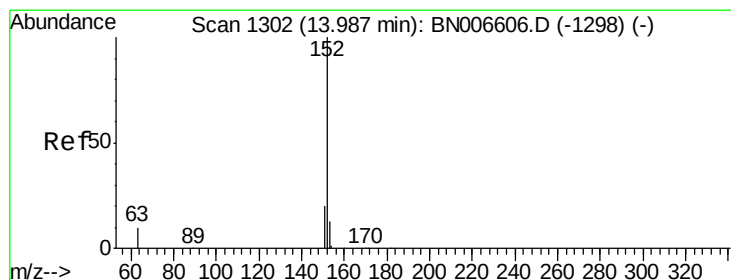
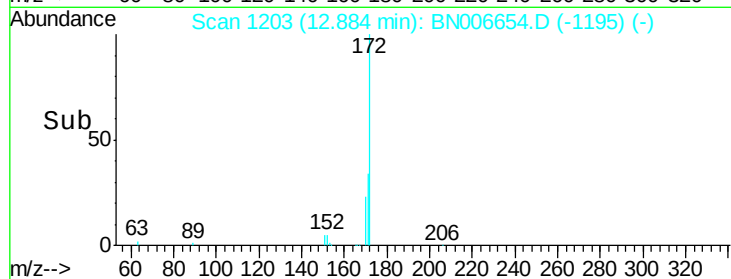
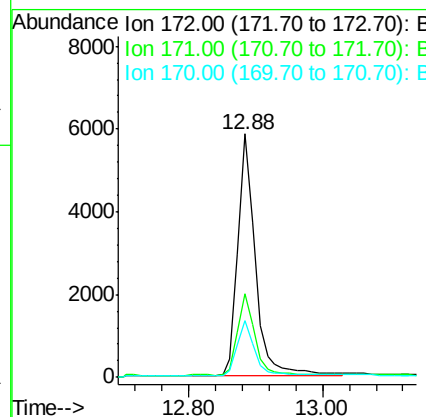
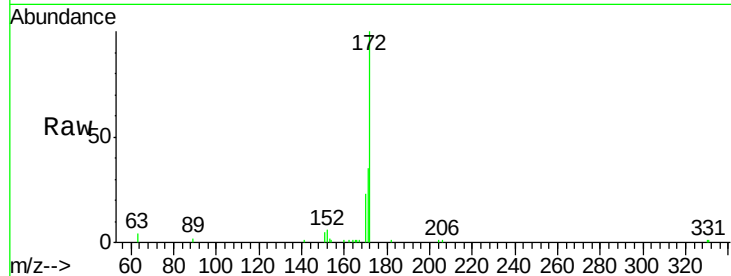
#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Instrument :
BNA_N
ClientSampleId :
PST-013-B213-062019MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.0	40.4
170	23.5	17.7	26.5

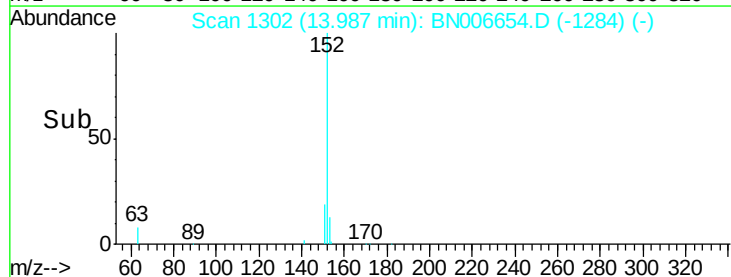
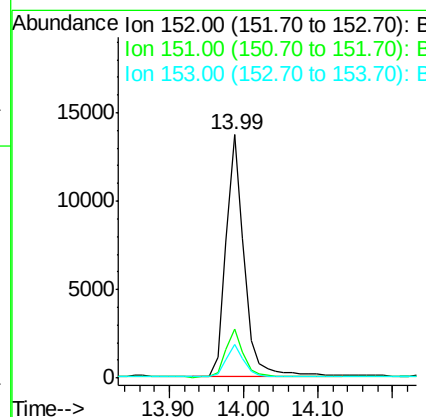
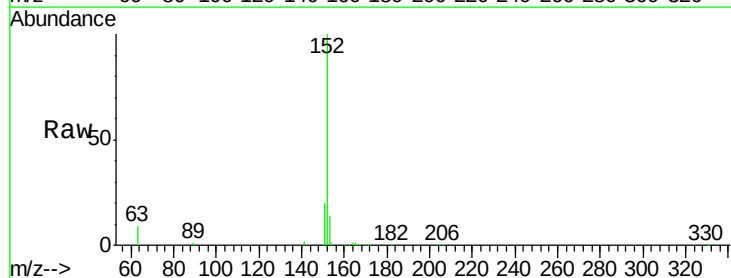
Manual Integrations
APPROVED

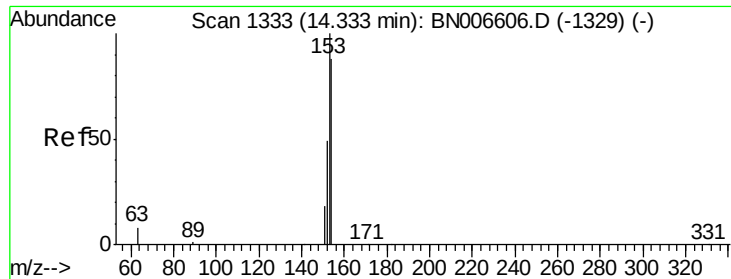
mohammad
7/2/2019 2:52:08 PM



#16
Acenaphthylene
Concen: 0.580 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.0	10.5	15.7





#17

Acenaphthene

Concen: 0.352 ng

RT: 14.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

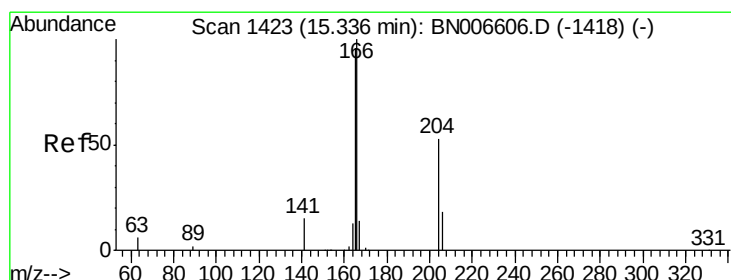
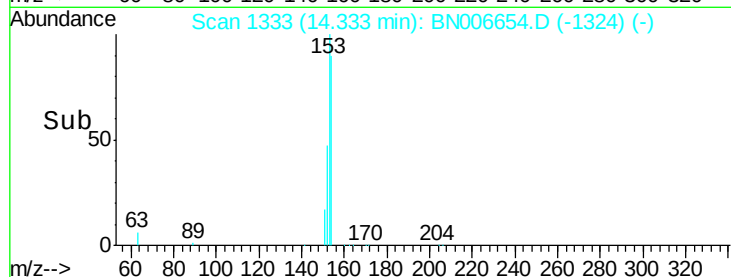
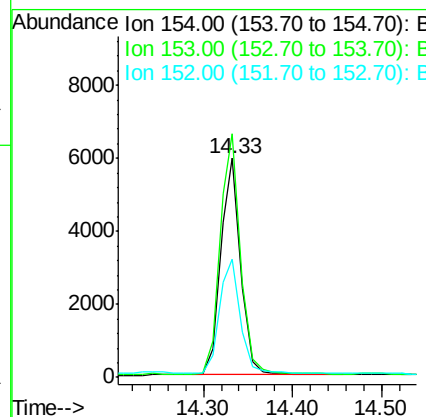
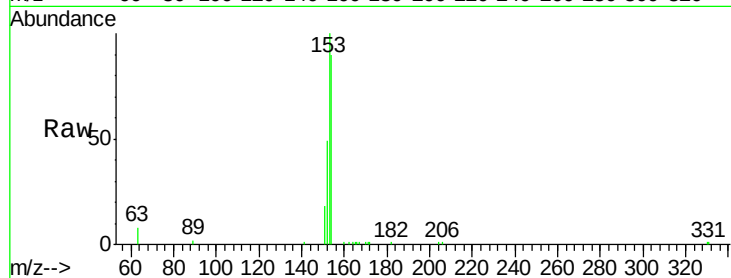
ClientSampleId :

PST-013-B213-062019MS

Tot Ion:	154	Resp:	9328
Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.2	135.4
152	55.1	44.2	66.4

Manual Integrations
APPROVED

mohammad
7/2/2019 2:52:08 PM



#18

Fluorene

Concen: 0.366 ng

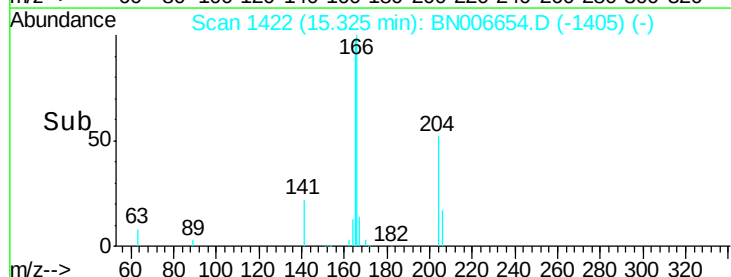
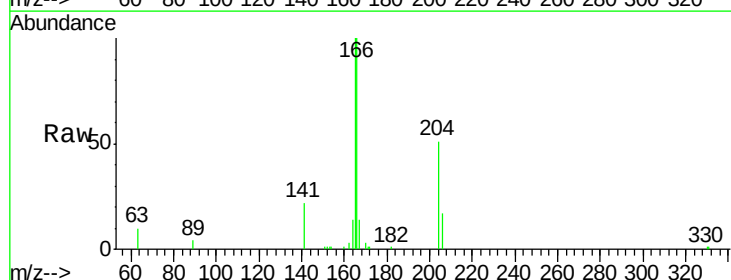
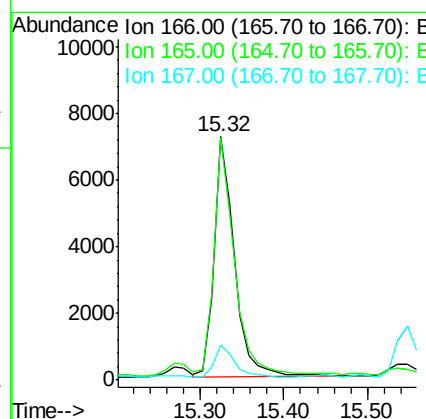
RT: 15.32 min Scan# 1422

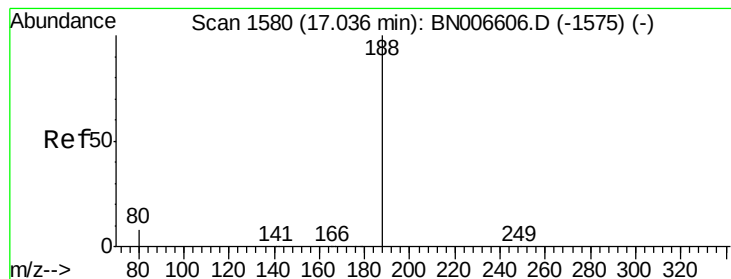
Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Tgt Ion:	166	Resp:	12236
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.5	10.8	16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

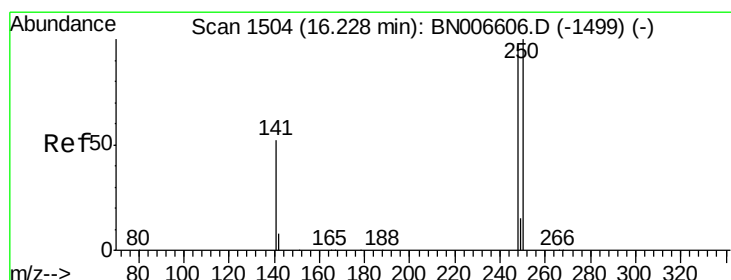
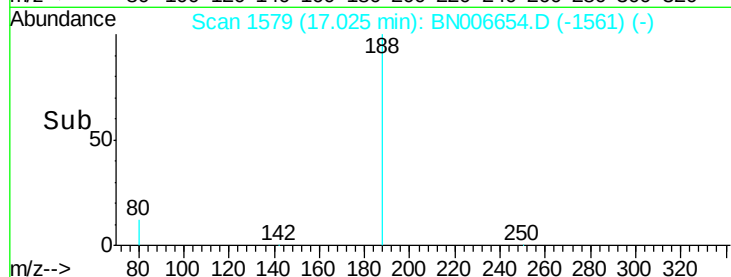
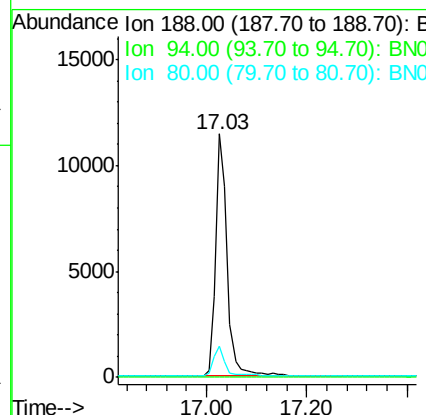
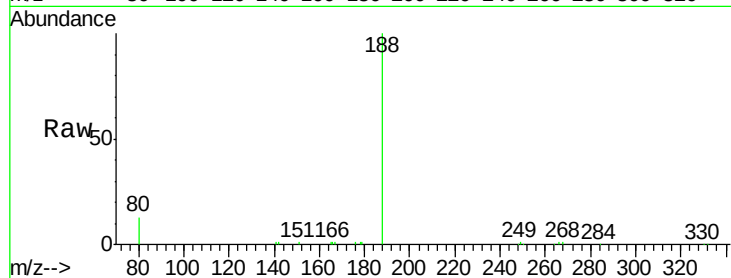
ClientSampleId :

PST-013-B213-062019MS

Tot Ion:	188	Resp:	18824
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.8	7.1	10.7#

Manual Integrations
APPROVED

mohammad
7/2/2019 2:52:08 PM



#20

4-Bromophenyl-phenylether

Concen: 0.334 ng

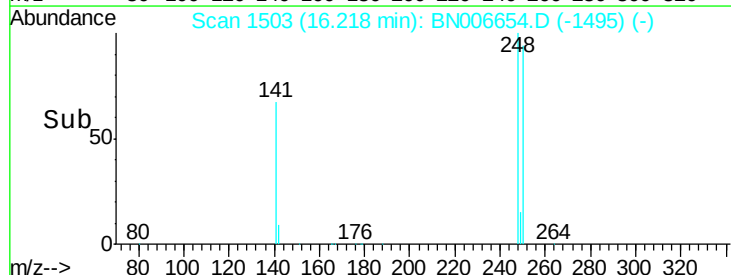
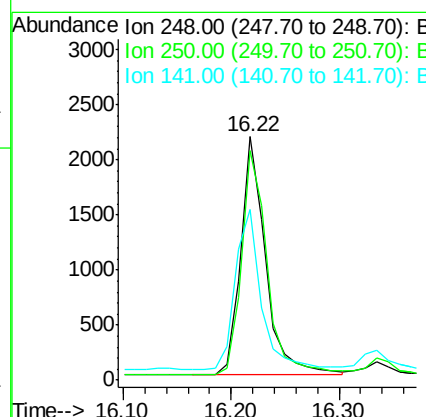
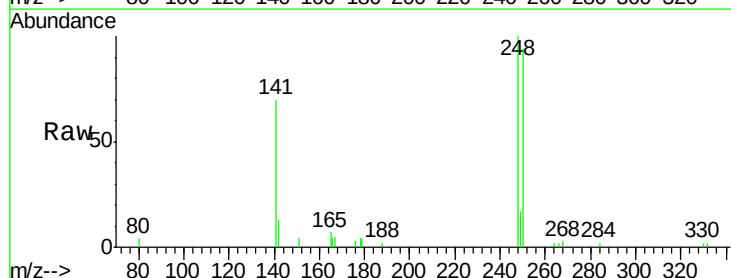
RT: 16.22 min Scan# 1503

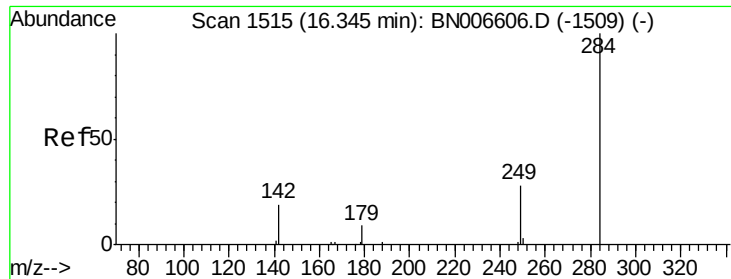
Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Tgt Ion:	248	Resp:	3485
Ion Ratio	Lower	Upper	
248	100		
250	94.3	82.2	123.4
141	70.2	43.8	65.8#





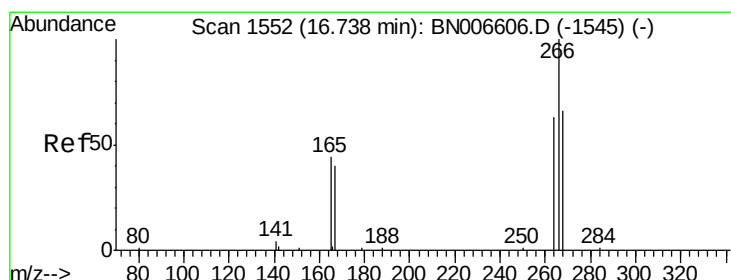
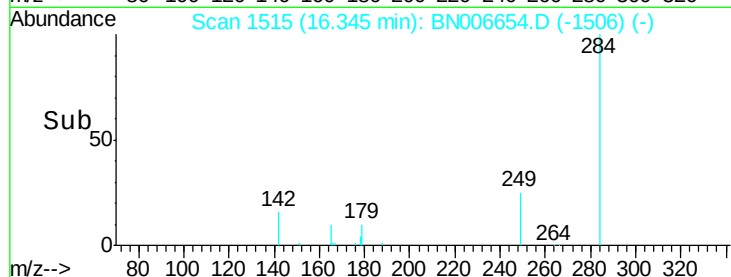
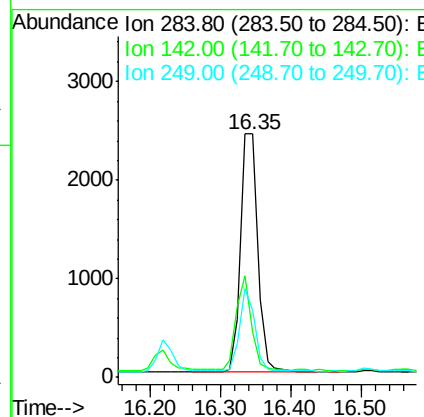
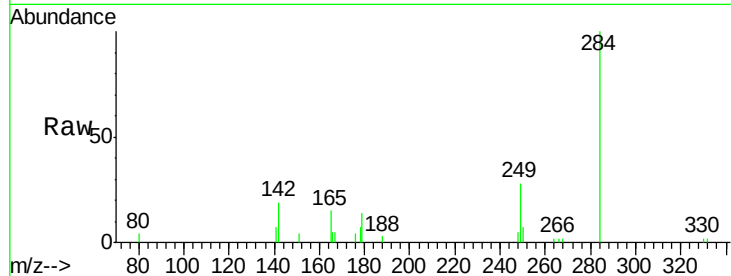
#21
Hexachlorobenzene
Concen: 0.309 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Instrument :
BNA_N
ClientSampleId :
PST-013-B213-062019MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.3	27.5	41.3
249	30.8	24.7	37.1

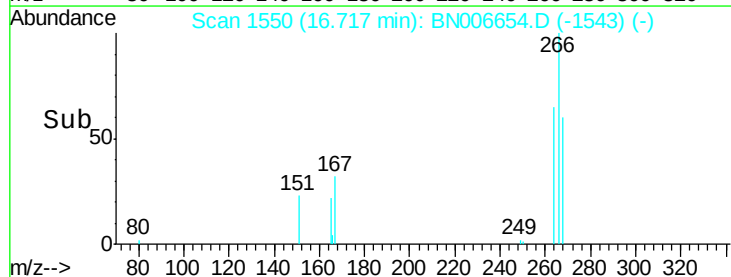
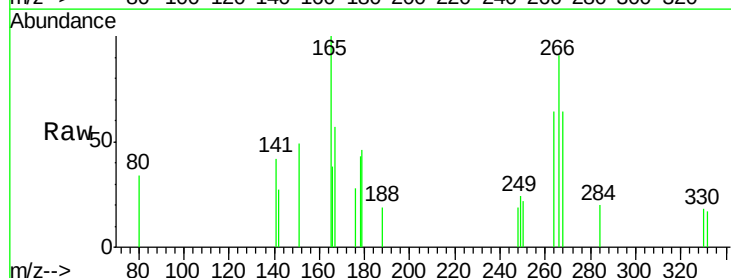
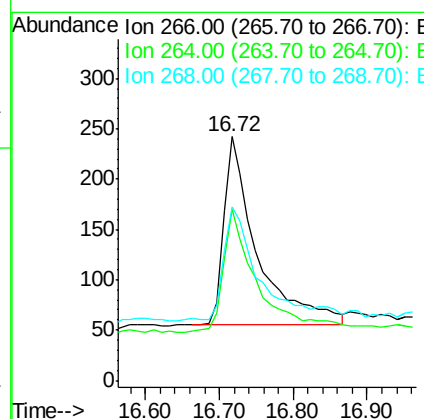
Manual Integrations
APPROVED

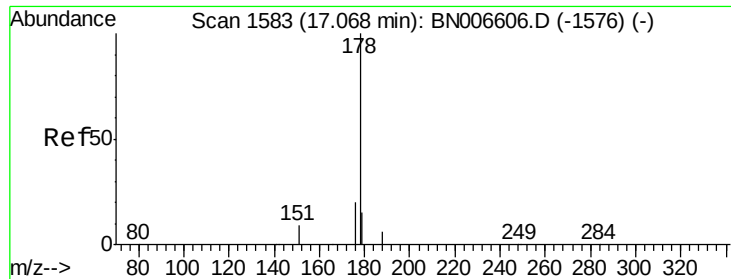
mohammad
7/2/2019 2:52:08 PM



#22
Pentachlorophenol
Concen: 0.388 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
266	100		
264	70.2	56.2	84.4
268	71.1	63.0	94.4





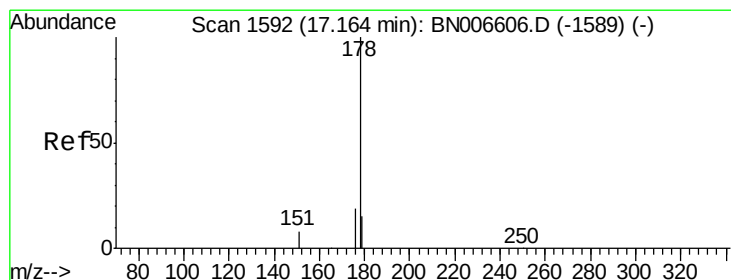
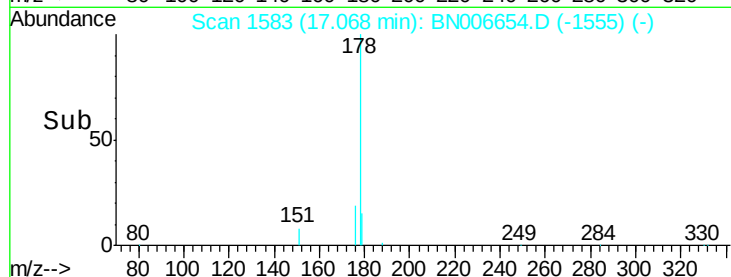
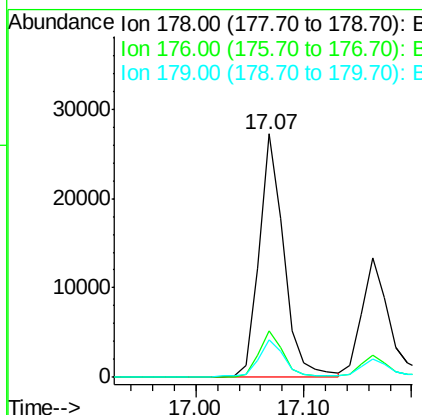
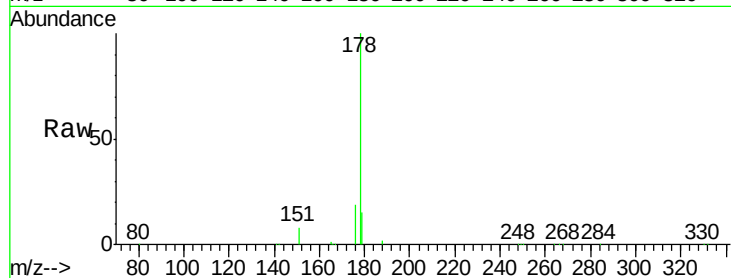
#23
Phenanthrene
Concen: 0.798 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Instrument :
BNA_N
ClientSampleId :
PST-013-B213-062019MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.2	18.4

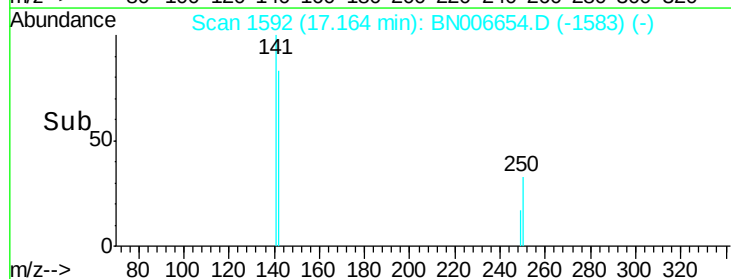
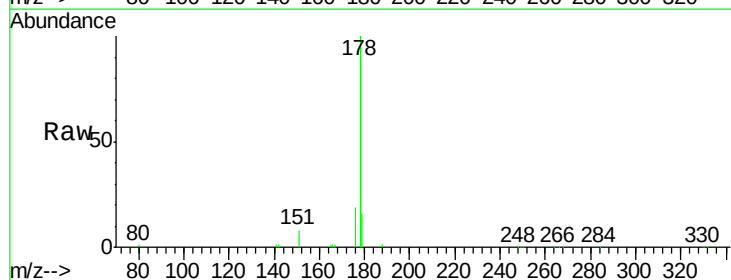
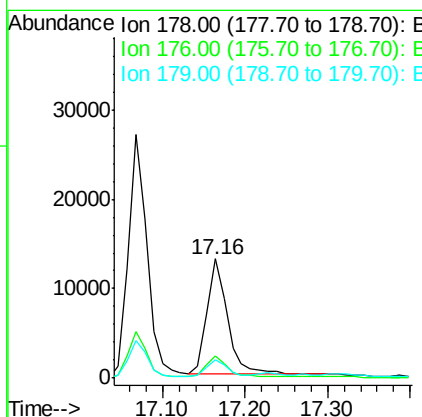
Manual Integrations
APPROVED

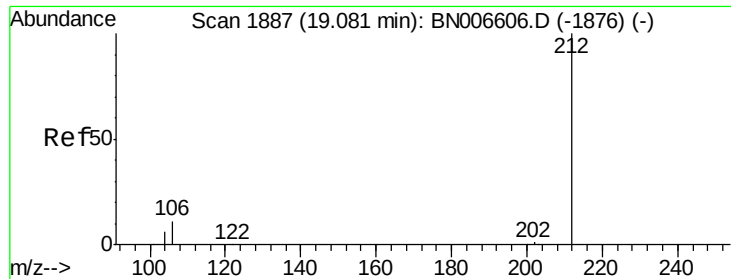
mohammad
7/2/2019 2:52:08 PM



#24
Anthracene
Concen: 0.483 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	13.9	12.2	18.2





#25

Fluoranthene-d10

Concen: 0.298 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

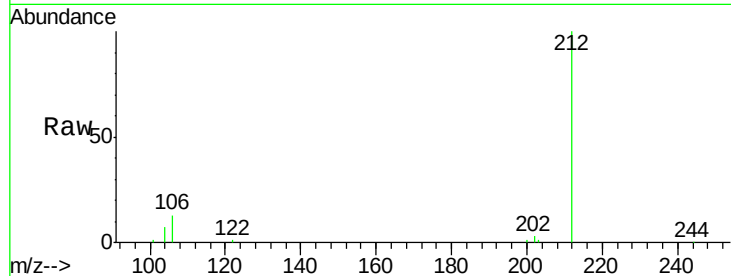
ClientSampleId :

PST-013-B213-062019MS

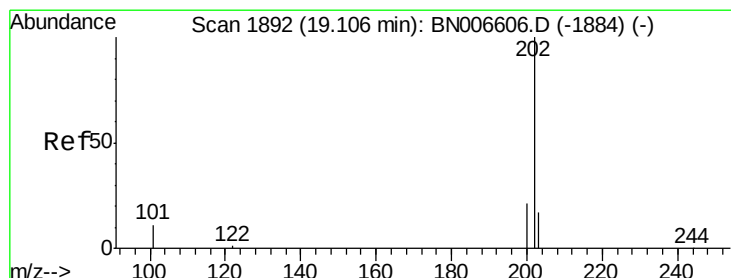
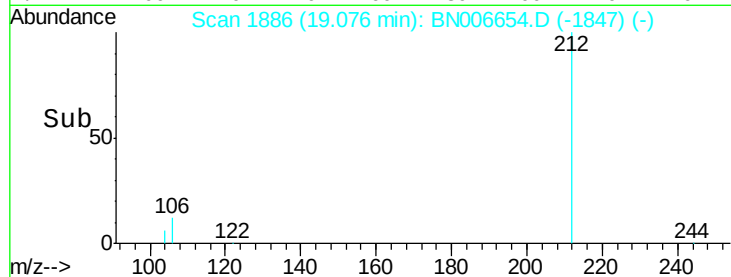
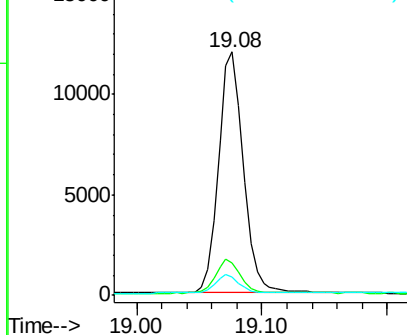
Tot Ion:	212	Resp:	16458
Ion Ratio	Lower	Upper	
212	100		
106	14.1	10.6	15.8
104	7.4	5.8	8.6

Manual Integrations
APPROVED

mohammad
7/2/2019 2:52:08 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: 1.114 ng

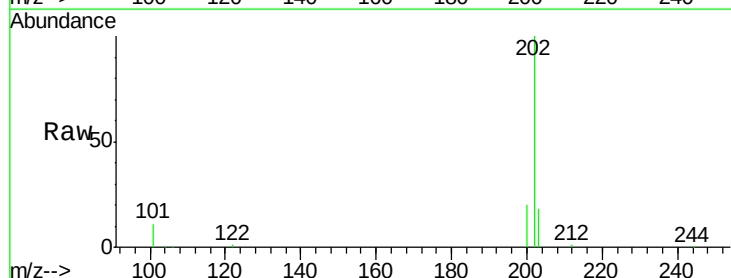
RT: 19.11 min Scan# 1892

Delta R.T. 0.00 min

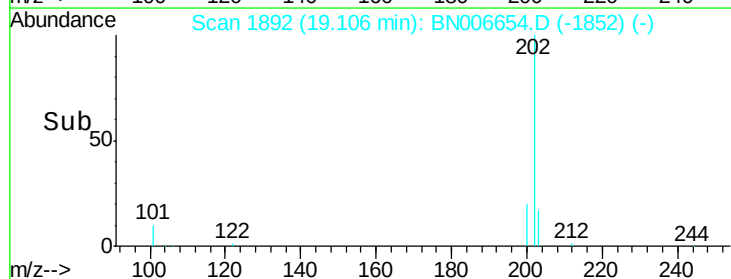
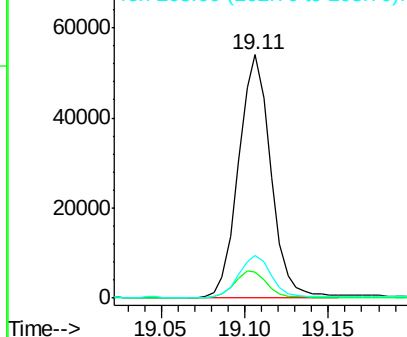
Lab File: BN006654.D

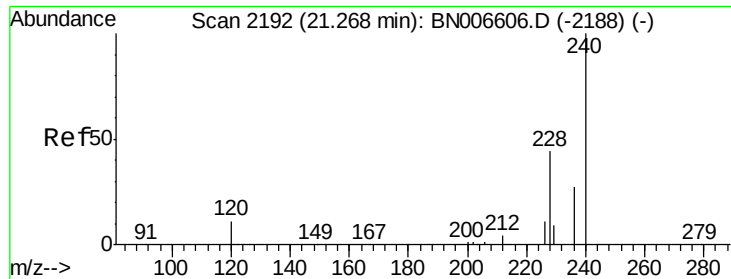
Acq: 01 Jul 2019 09:47

Tgt Ion:	202	Resp:	72472
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.9	13.3
203	17.5	13.6	20.4



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





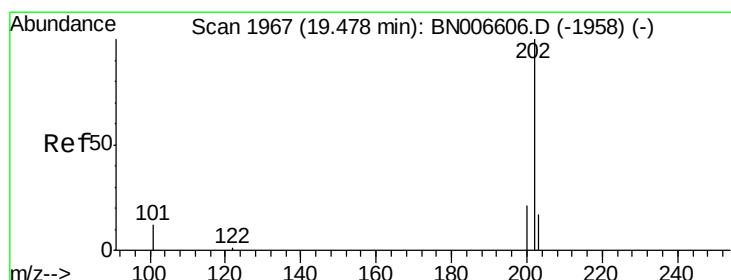
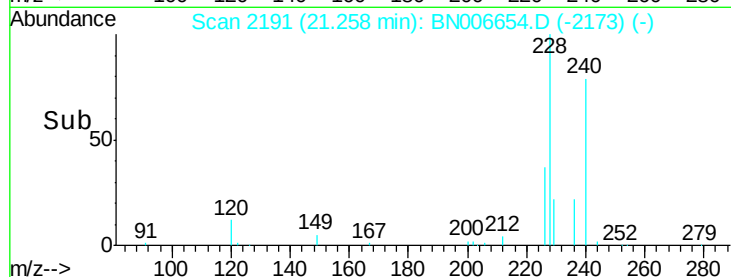
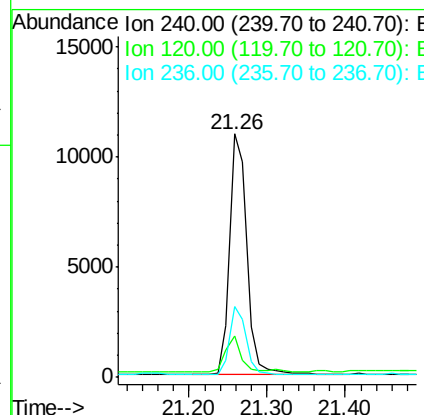
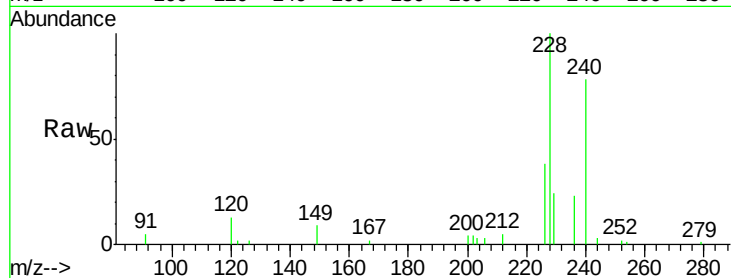
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B213-062019MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.9	14.9#
236	29.0	22.2	33.4

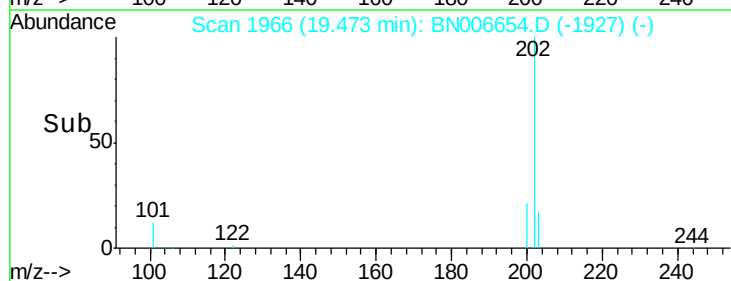
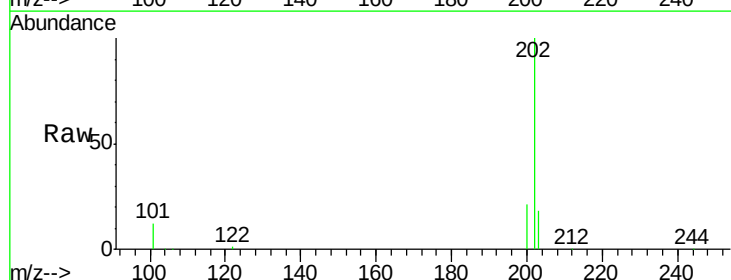
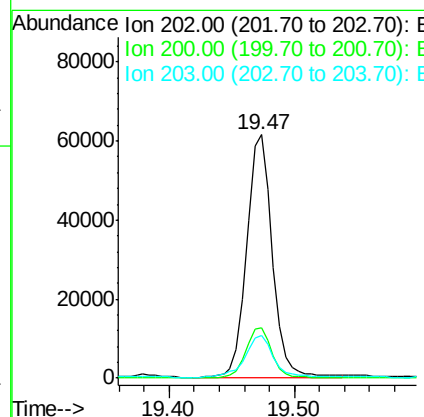
Manual Integrations
 APPROVED

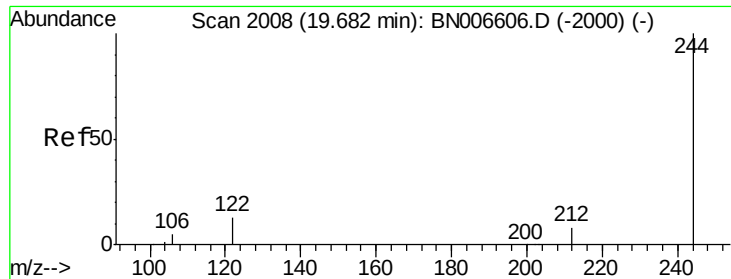
mohammad
 7/2/2019 2:52:08 PM



#28
 Pyrene
 Concen: 1.466 ng
 RT: 19.47 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	19.4	14.1	21.1





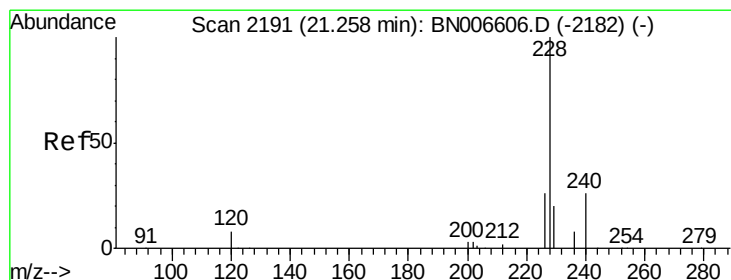
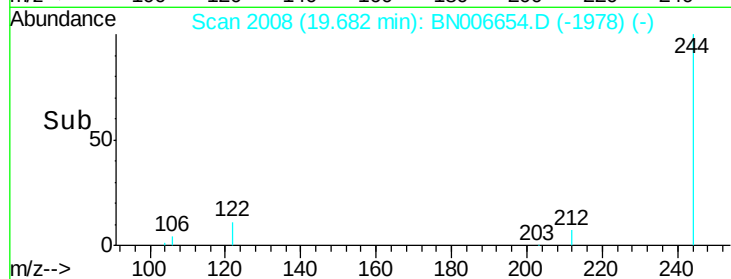
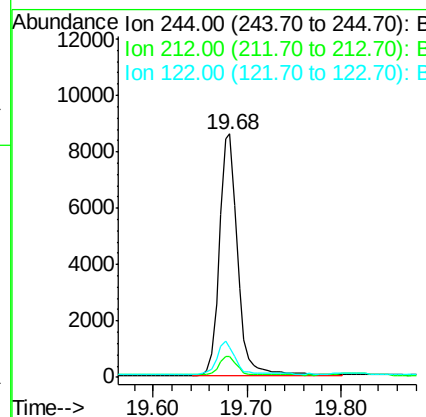
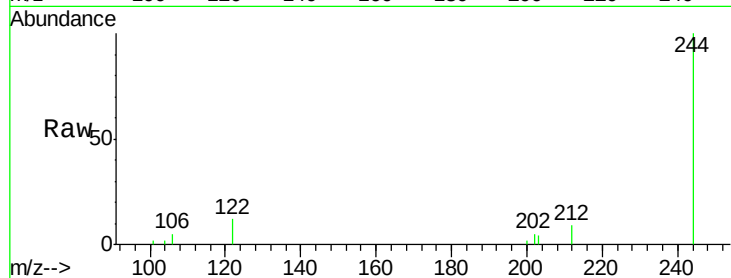
#29
 Terphenyl-d14
 Concen: 0.332 ng
 RT: 19.68 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B213-062019MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.7	10.1
122	12.5	11.0	16.6

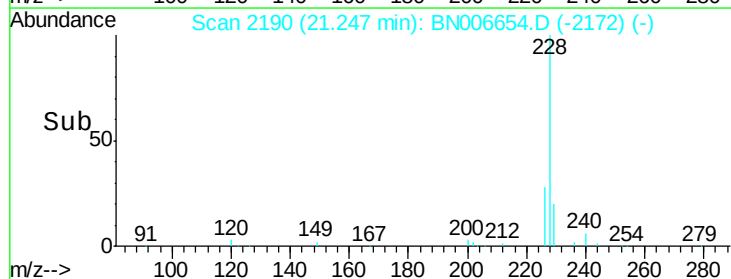
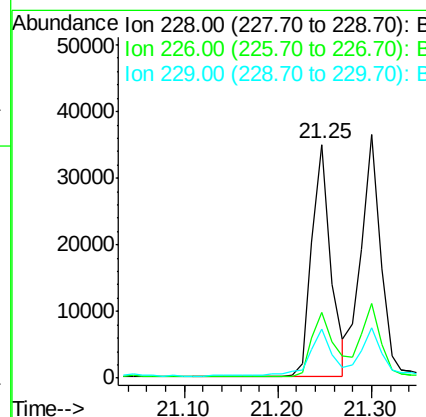
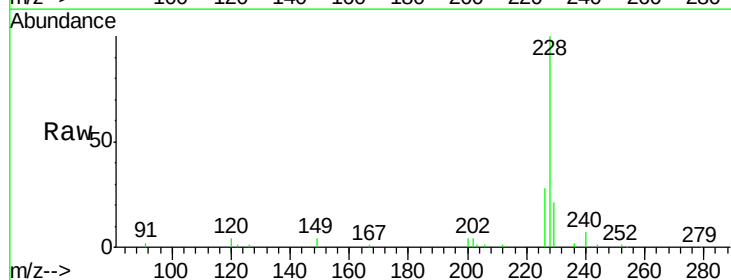
Manual Integrations
 APPROVED

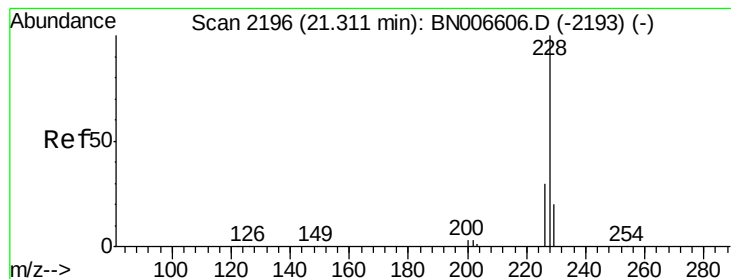
mohammad
 7/2/2019 2:52:08 PM



#30
 Benzo(a)anthracene
 Concen: 0.895 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.2	31.8
229	21.2	16.1	24.1





#31

Chrysene

Concen: 0.895 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

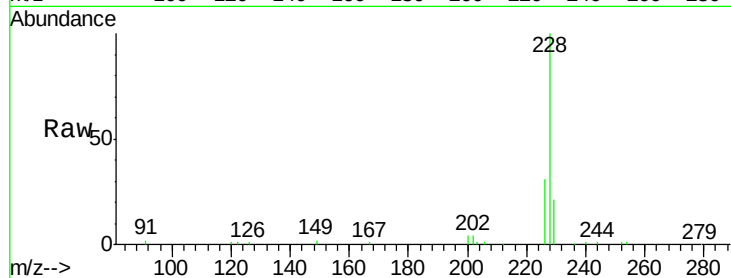
ClientSampleId :

PST-013-B213-062019MS

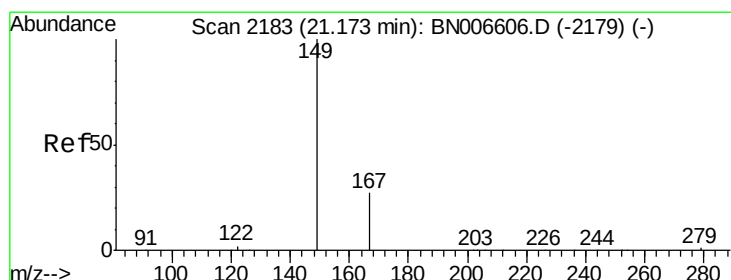
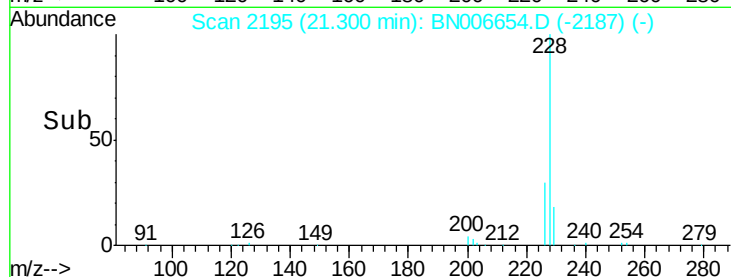
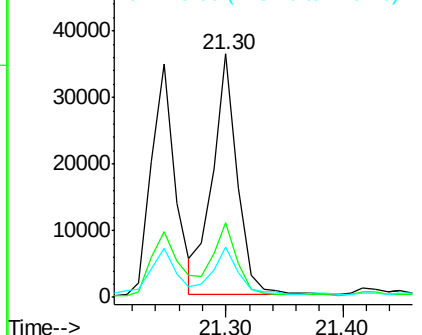
Tot Ion:	228	Resp:	53216
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.8	35.6
229	20.9	15.9	23.9

Manual Integrations
APPROVED

mohammad
7/2/2019 2:52:08 PM



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.538 ng

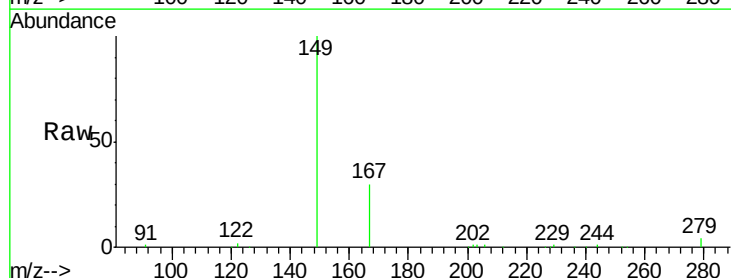
RT: 21.17 min Scan# 2183

Delta R.T. 0.00 min

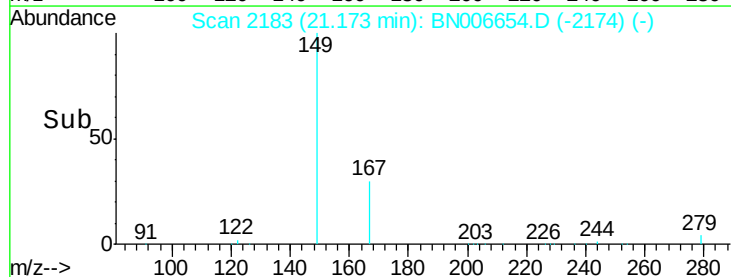
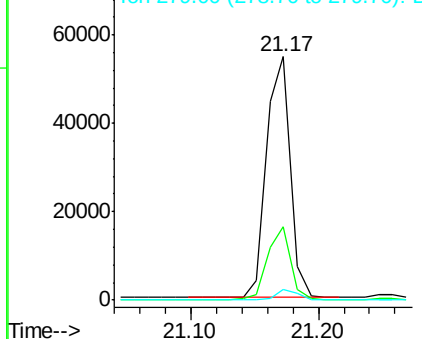
Lab File: BN006654.D

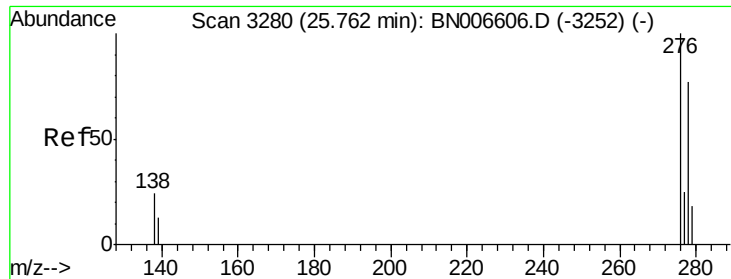
Acq: 01 Jul 2019 09:47

Tgt Ion:	149	Resp:	70454
Ion Ratio	Lower	Upper	
149	100		
167	28.5	22.9	34.3
279	3.9	3.3	4.9



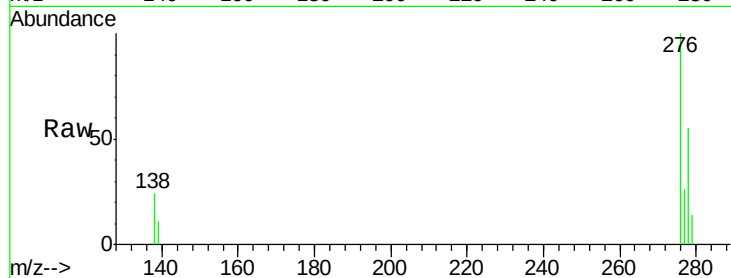
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.669 ng
 RT: 25.75 min Scan# 3276
 Delta R.T. -0.01 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

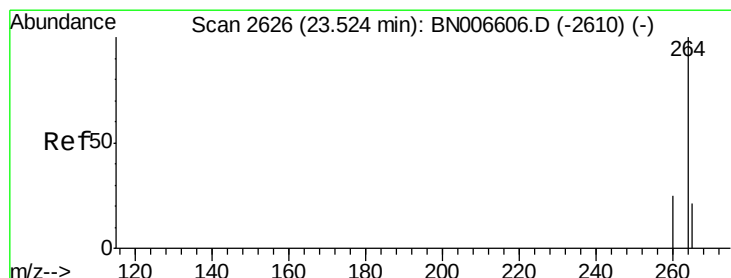
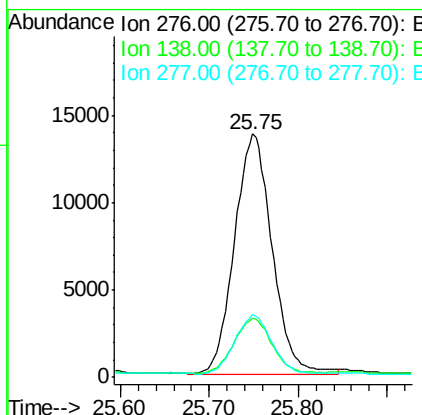
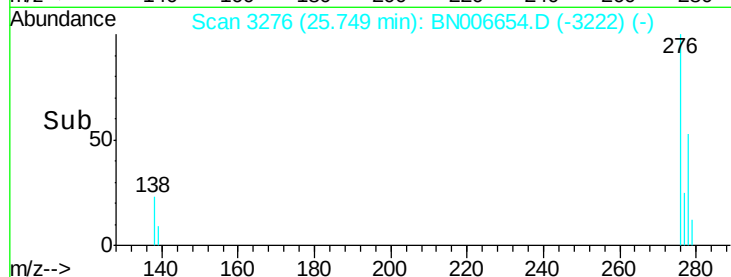
Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B213-062019MS



Tot Ion:276 Resp: 40274
 Ion Ratio Lower Upper
 276 100
 138 23.1 19.3 28.9
 277 24.0 19.9 29.9

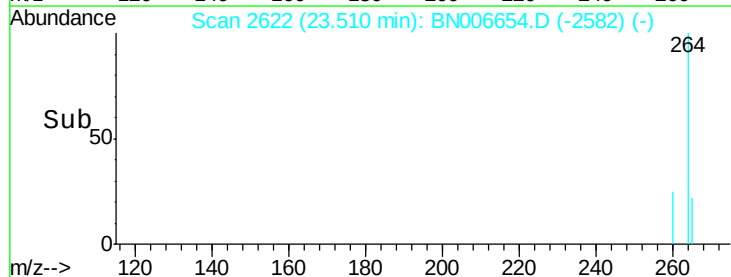
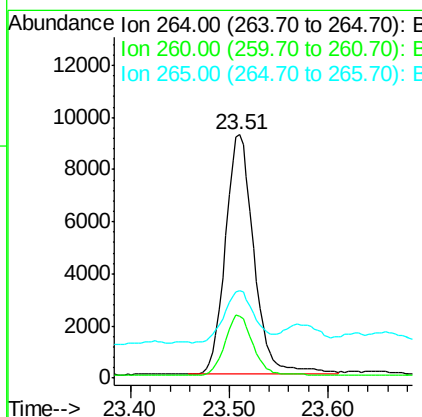
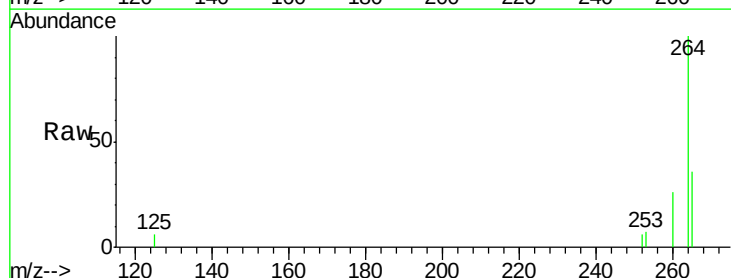
Manual Integrations
 APPROVED

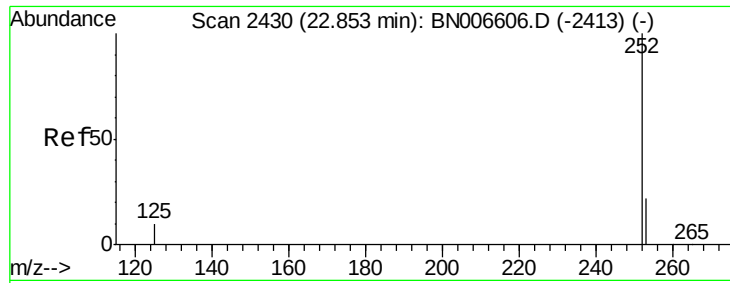
mohammad
 7/2/2019 2:52:08 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

Tgt Ion:264 Resp: 18431
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.2
 265 36.0 23.3 34.9#





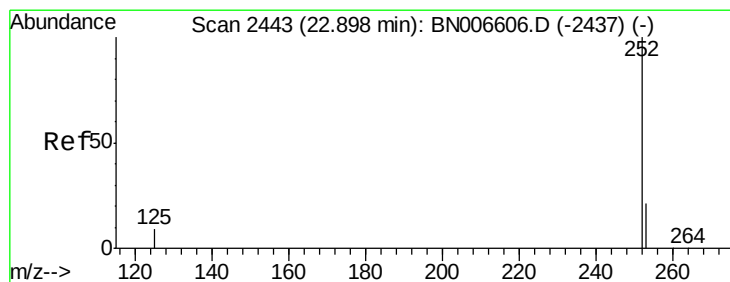
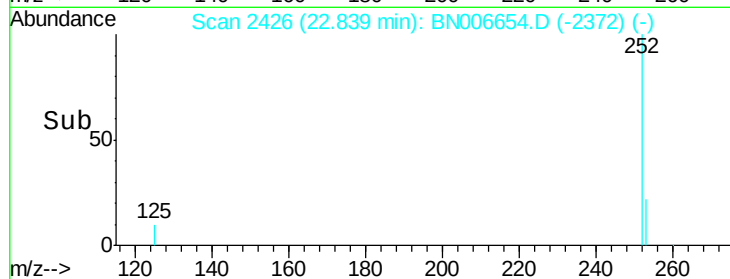
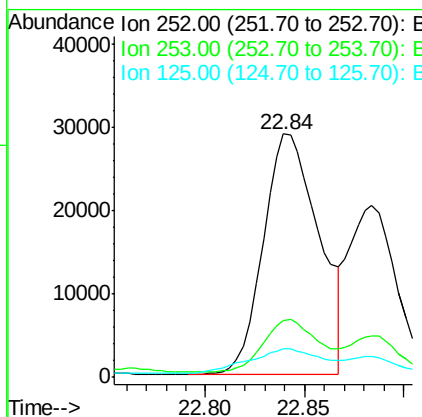
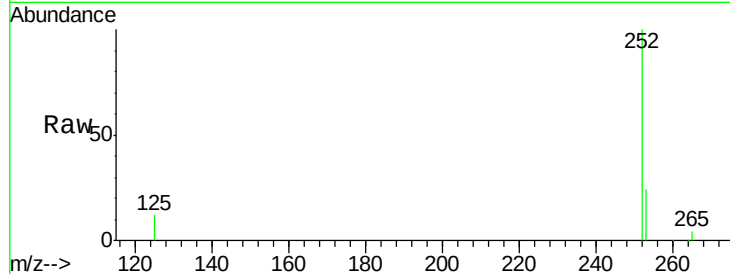
#35
Benzo(b)fluoranthene
Concen: 0.894 ng
RT: 22.84 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Instrument :
BNA_N
ClientSampleId :
PST-013-B213-062019MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	11.7	8.7	13.1

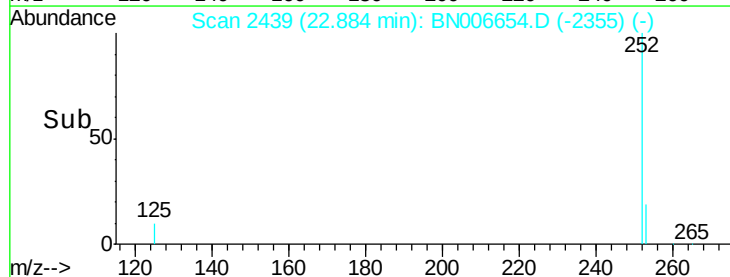
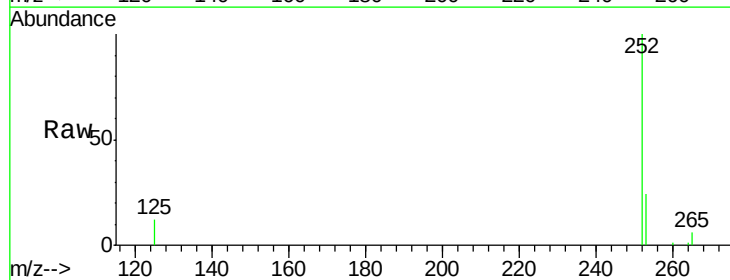
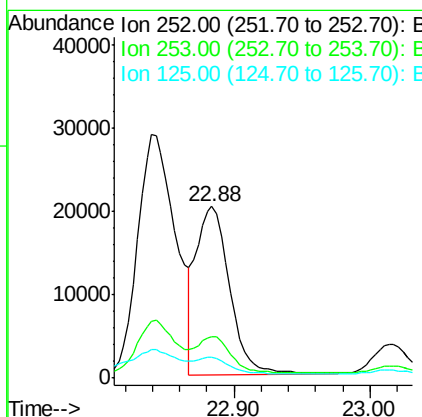
Manual Integrations
APPROVED

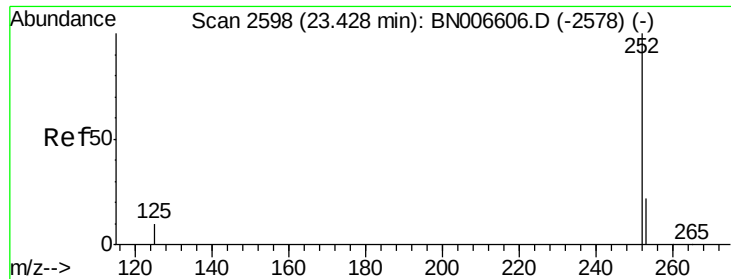
mohammad
7/2/2019 2:52:08 PM



#36
Benzo(k)fluoranthene
Concen: 0.519 ng
RT: 22.88 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.3	27.5
125	12.3	8.4	12.6





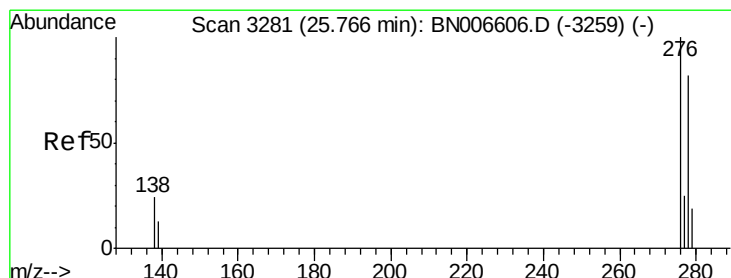
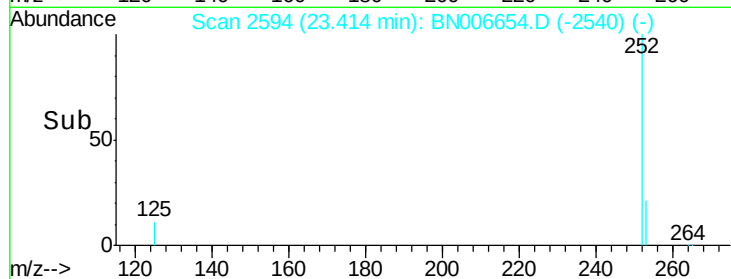
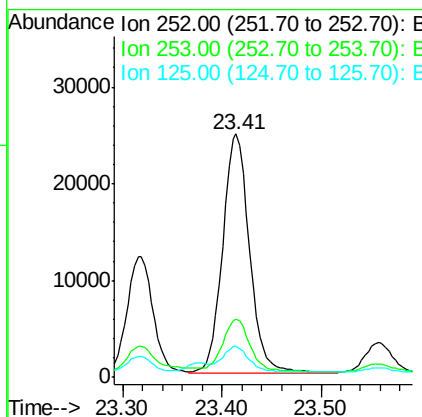
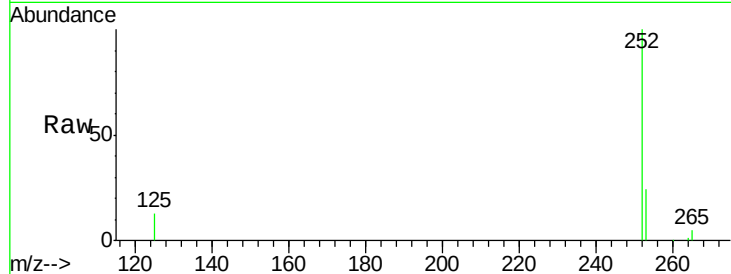
#37
Benzo(a)pyrene
Concen: 0.790 ng
RT: 23.41 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Instrument :
BNA_N
ClientSampleId :
PST-013-B213-062019MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.8	28.2
125	12.5	9.4	14.2

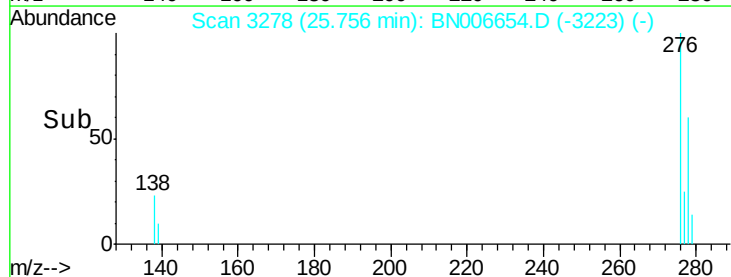
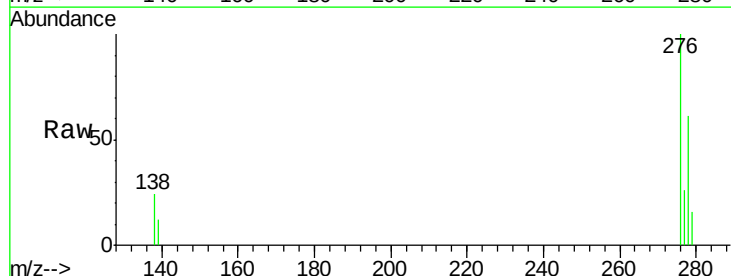
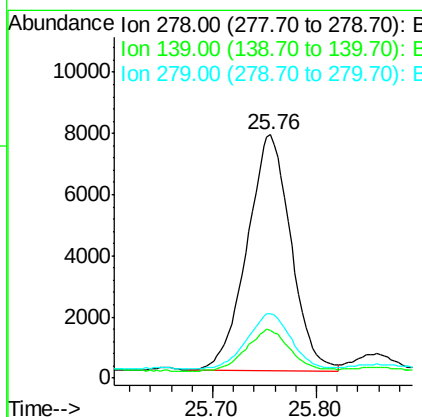
Manual Integrations
APPROVED

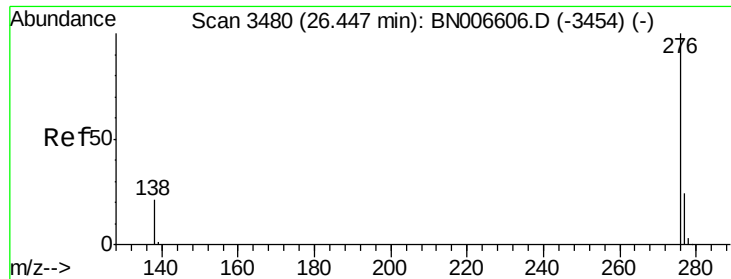
mohammad
7/2/2019 2:52:08 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.443 ng
RT: 25.76 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.5	20.3
279	26.5	19.4	29.2





#39
 Benzo(a,h,i)perylene
 Concen: 0.755 ng
 RT: 26.43 min Scan# 3475
 Delta R.T. -0.02 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B213-062019MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	22.3	17.7	26.5

Manual Integrations
 APPROVED

mohammad
 7/2/2019 2:52:08 PM

