

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
 Data File : BE101011.D
 Acq On : 9 Jan 2020 13:51
 Operator : JU
 Sample : PB125980BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125980BL

Manual Integrations
 APPROVED

mohammad
 1/10/2020 1:08:14 PM

Quant Time: Jan 10 15:47:12 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3169	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	12114	0.40	ng	0.01
13) Acenaphthene-d10	14.37	164	6953	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	13963	0.40	ng	0.01
27) Chrysene-d12	21.28	240	12866	0.40	ng	0.00
34) Perylene-d12	23.70	264	15148	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2208	0.31	ng	0.00
5) Phenol-d6	6.92	99	2317	0.26	ng	0.00
8) Nitrobenzene-d5	8.89	82	2203	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	12.12	152	6894	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	251m	0.13	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	9275	0.35	ng	0.00
25) Fluoranthene-d10	19.13	212	58479	0.30	ng	0.00
29) Terphenyl-d14	19.74	244	10433	0.33	ng	0.00

Target Compounds Qvalue

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

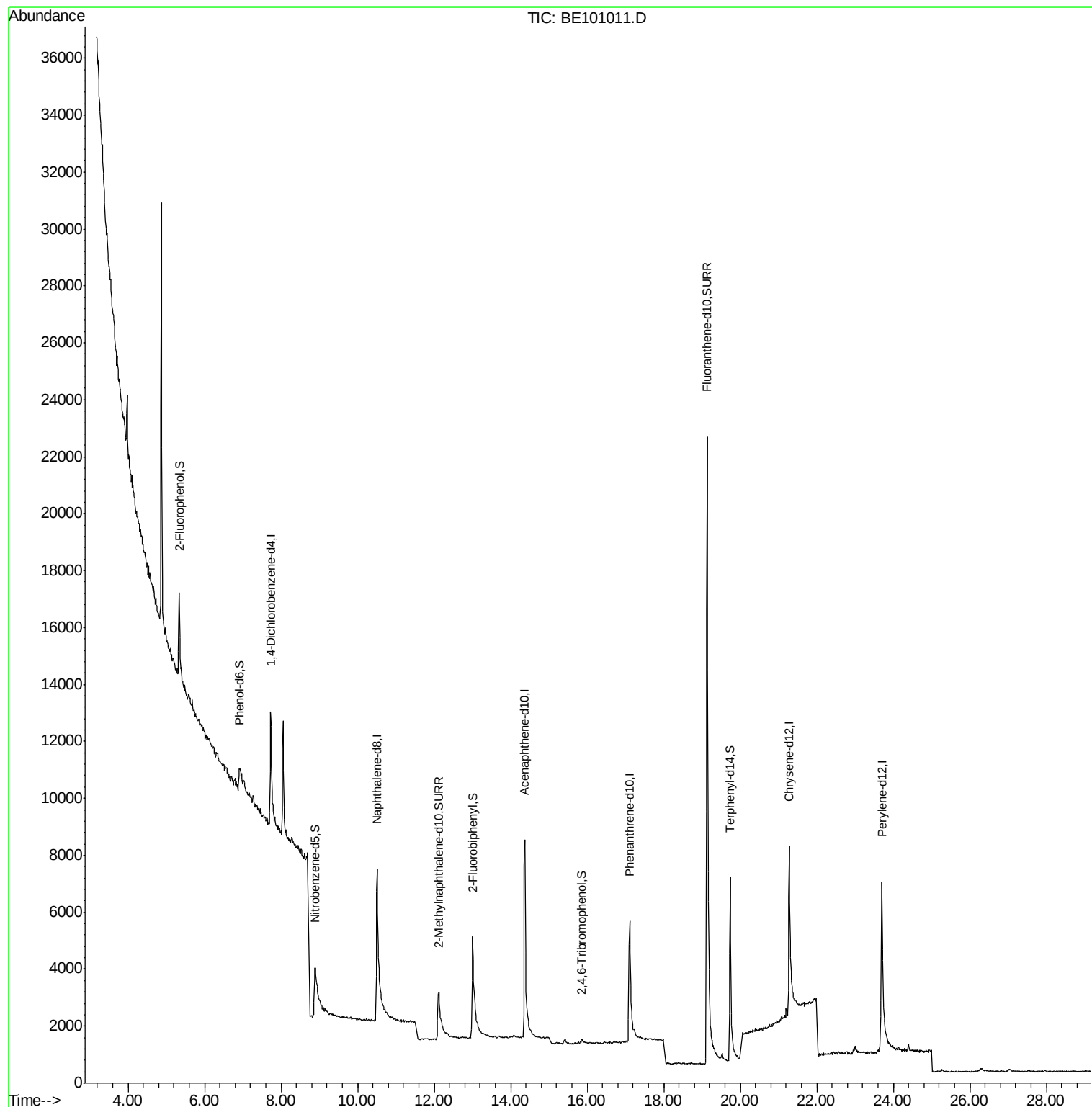
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
Data File : BE101011.D
Acq On : 9 Jan 2020 13:51
Operator : JU
Sample : PB125980BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB125980BL

Manual Integrations
APPROVED

mohammad
1/10/2020 1:08:14 PM

Quant Time: Jan 10 15:47:12 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration





#1

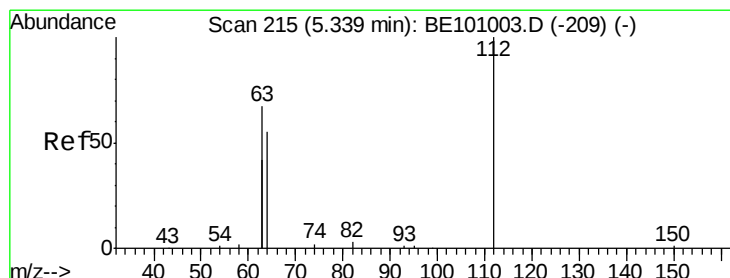
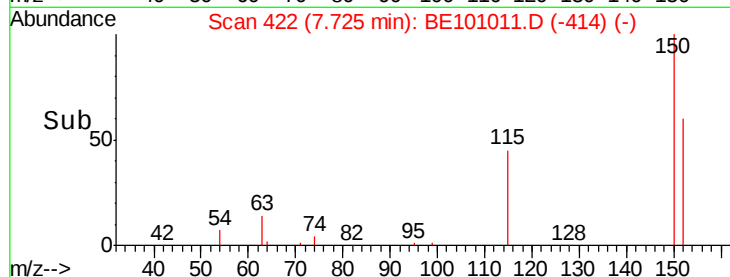
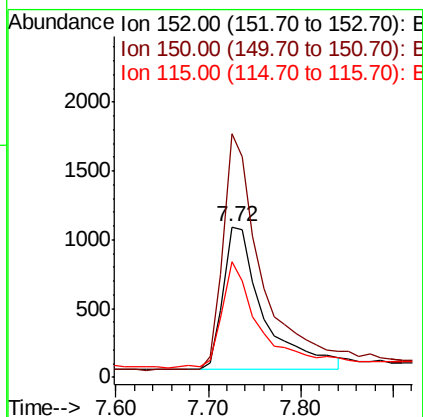
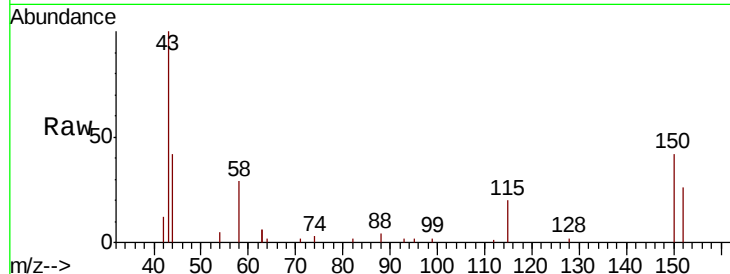
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101011.D
Acq: 9 Jan 2020 13:51

Instrument :
BNA_E
ClientSampleId :
PB125980BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	120.3	180.5
115	77.1	51.7	77.5

Manual Integrations
APPROVED

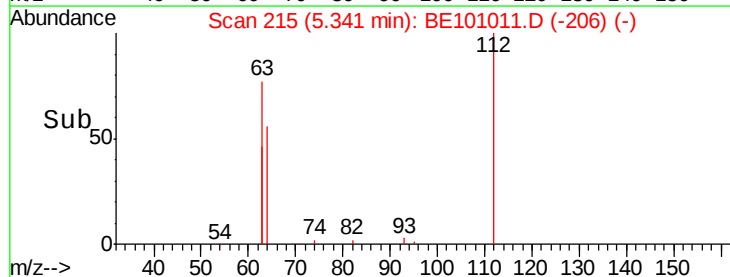
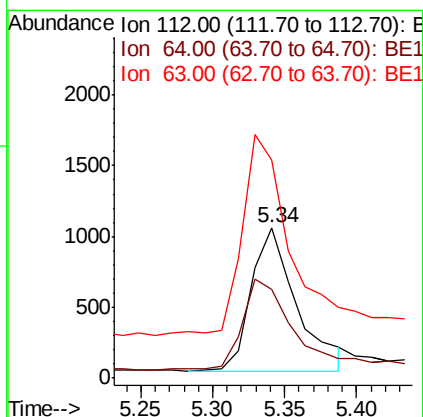
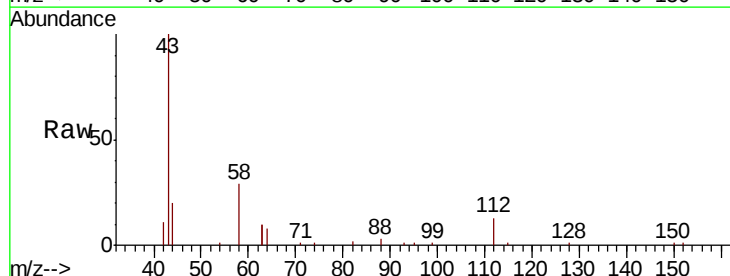
mohammad
1/10/2020 1:08:14 PM

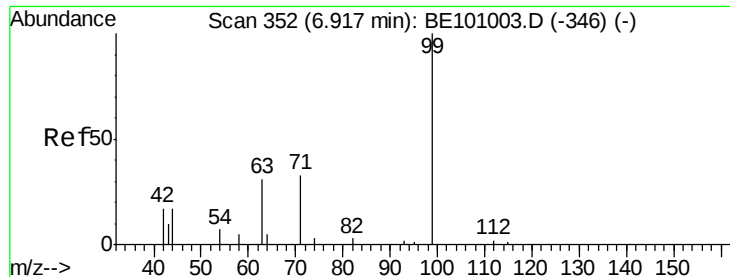


#4

2-Fluorophenol
Concen: 0.310 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101011.D
Acq: 9 Jan 2020 13:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	53.6	80.4
63	149.0	114.6	172.0





#5

Phenol-d6

Concen: 0.257 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101011.D

Acq: 9 Jan 2020 13:51

Instrument :

BNA_E

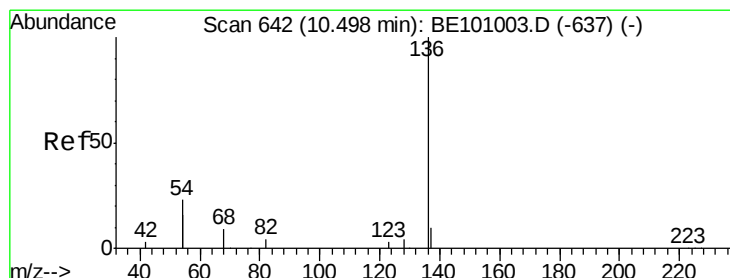
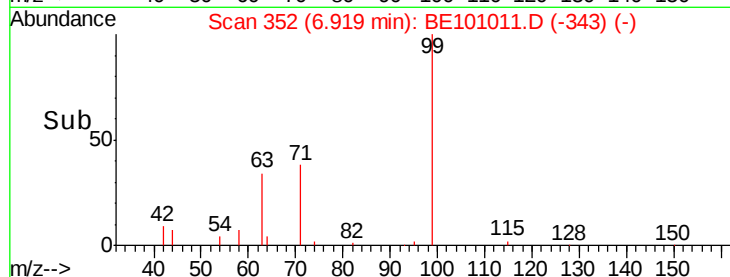
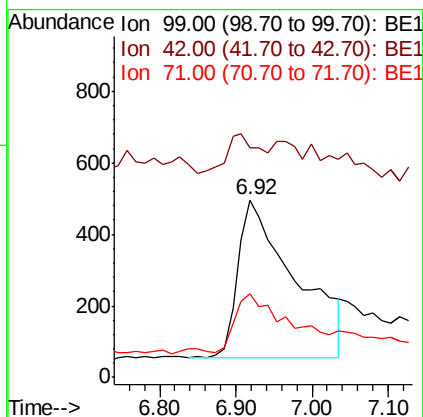
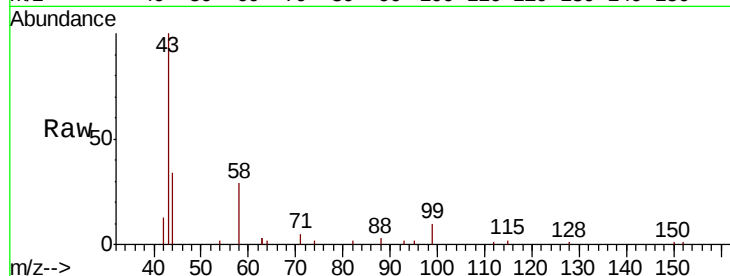
ClientSampleId :

PB125980BL

Tot Ion:	99	Resp:	2317
Ion	Ratio	Lower	Upper
99	100		
42	13.9	18.3	27.5#
71	34.9	28.0	42.0

Manual Integrations
APPROVED

mohammad
1/10/2020 1:08:14 PM



#7

Naphthalene-d8

Concen: 0.400 ng

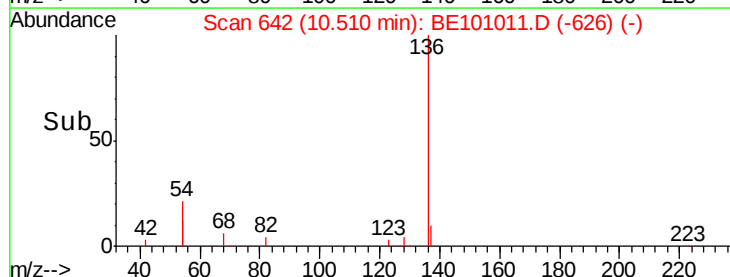
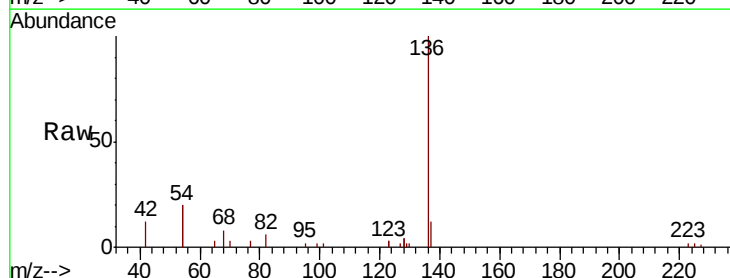
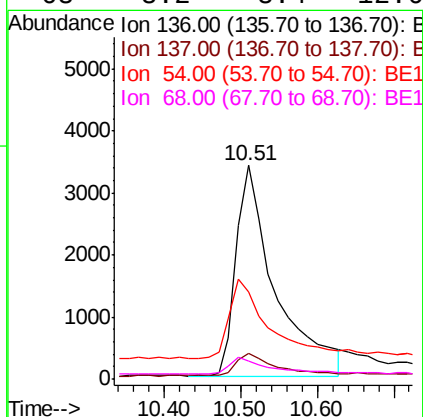
RT: 10.51 min Scan# 642

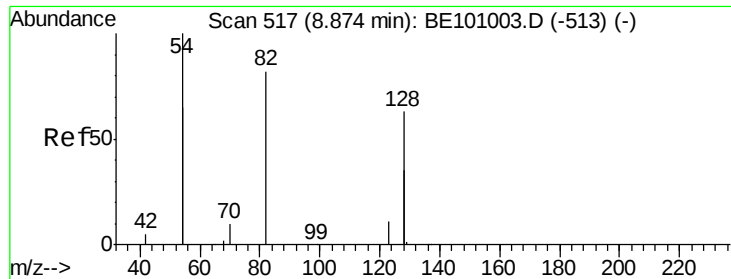
Delta R.T. 0.01 min

Lab File: BE101011.D

Acq: 9 Jan 2020 13:51

Tgt Ion:	136	Resp:	12114
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	41.0	36.8	55.2
68	8.2	8.4	12.6#





#8

Nitrobenzene-d5

Concen: 0.254 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101011.D

Acq: 9 Jan 2020 13:51

Instrument :

BNA_E

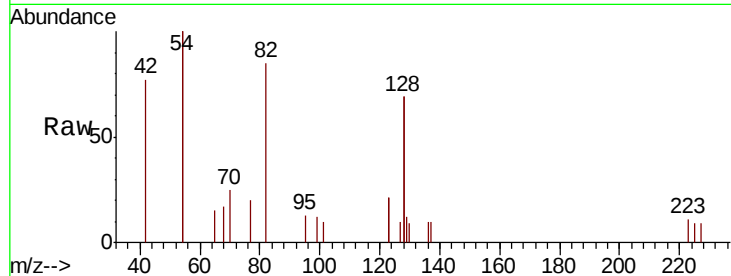
ClientSampleId :

PB125980BL

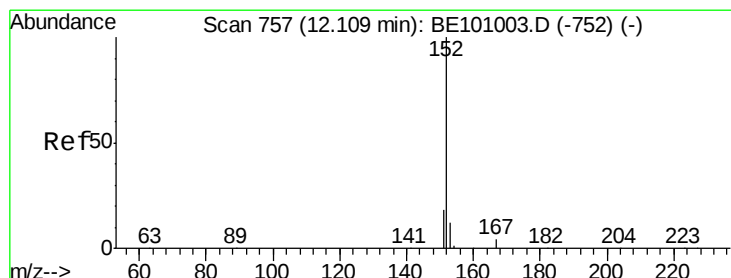
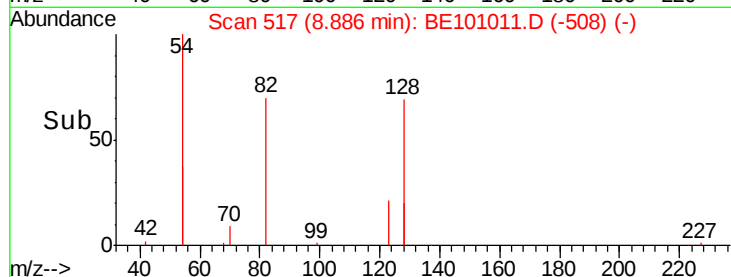
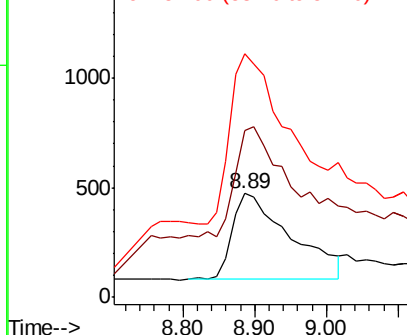
Tot Ion:	82	Resp:	2203
Ion	Ratio	Lower	Upper
82	100		
128	161.1	109.8	164.6
54	234.7	174.5	261.7

Manual Integrations
APPROVED

mohammad
1/10/2020 1:08:14 PM



Abundance Ion 82.00 (81.70 to 82.70): BE1
Ion 128.00 (127.70 to 128.70): BE1
Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.298 ng

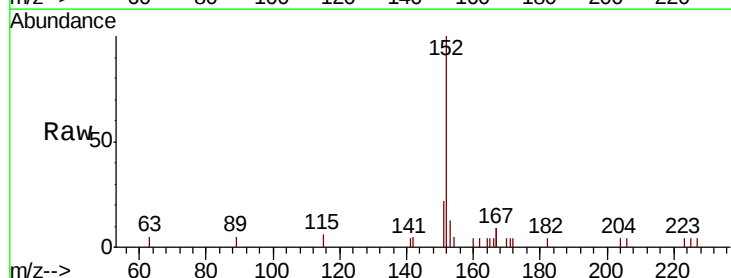
RT: 12.12 min Scan# 757

Delta R.T. 0.01 min

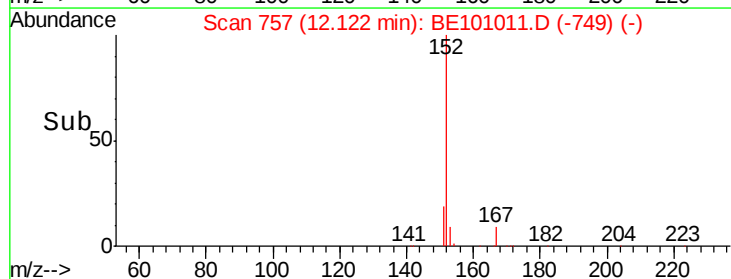
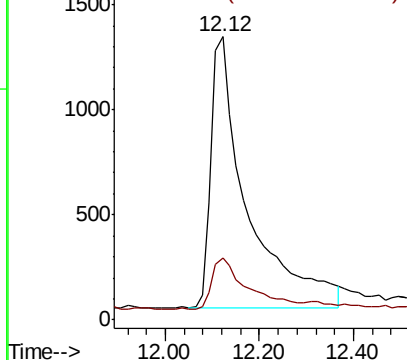
Lab File: BE101011.D

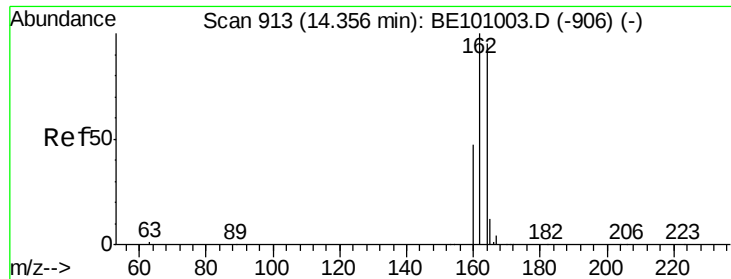
Acq: 9 Jan 2020 13:51

Tgt Ion:	152	Resp:	6894
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6



Abundance Ion 152.00 (151.70 to 152.70): BE1
Ion 151.00 (150.70 to 151.70): BE1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 913

Delta R.T. 0.01 min

Lab File: BE101011.D

Acq: 9 Jan 2020 13:51

Instrument :

BNA_E

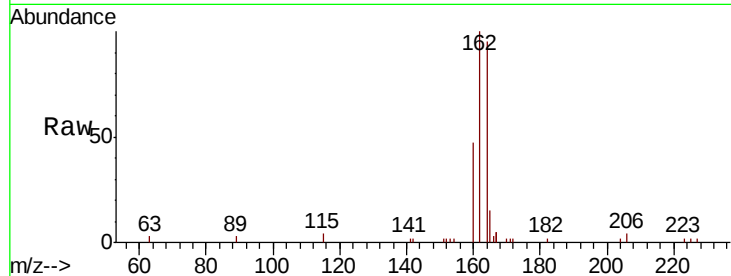
ClientSampleId :

PB125980BL

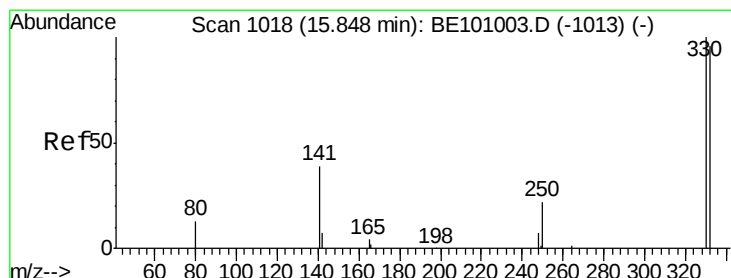
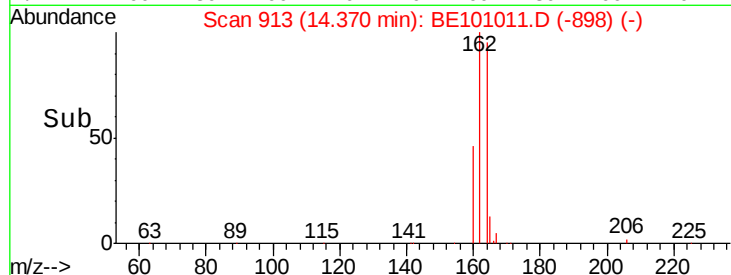
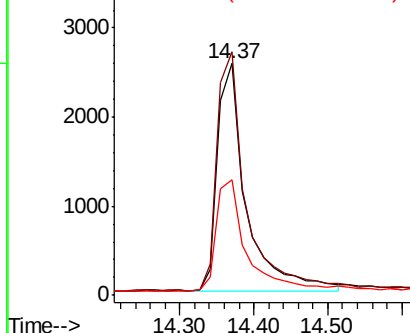
Tot Ion:	164	Resp:	6953
Ion	Ratio	Lower	Upper
164	100		
162	105.1	84.1	126.1
160	49.7	40.4	60.6

Manual Integrations
APPROVED

mohammad
1/10/2020 1:08:14 PM



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: 0.128 ng m

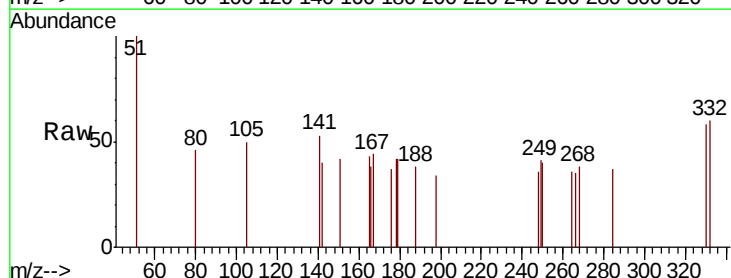
RT: 15.86 min Scan# 1018

Delta R.T. 0.01 min

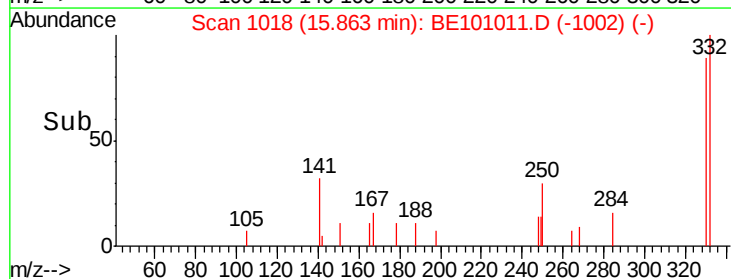
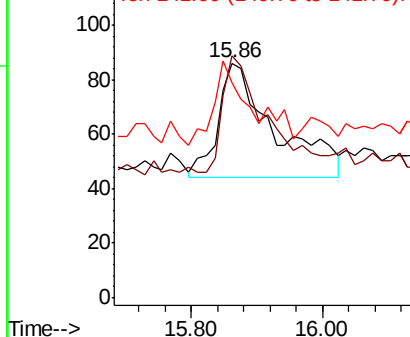
Lab File: BE101011.D

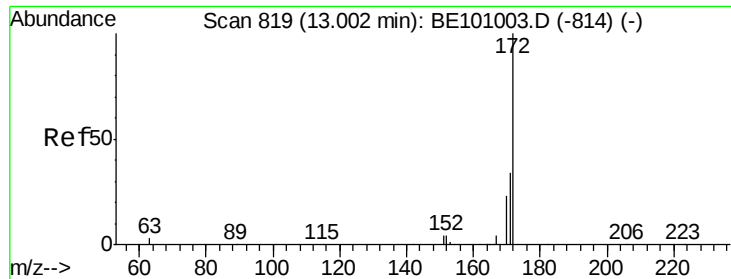
Acq: 9 Jan 2020 13:51

Tgt Ion:	330	Resp:	251
Ion	Ratio	Lower	Upper
330	100		
332	78.5	78.4	117.6
141	38.2	37.0	55.4



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





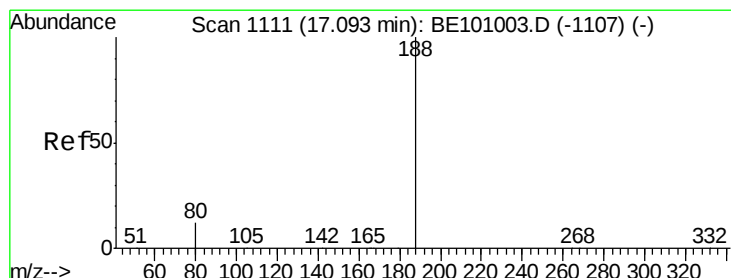
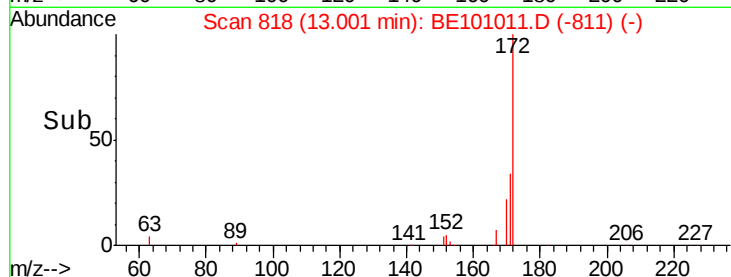
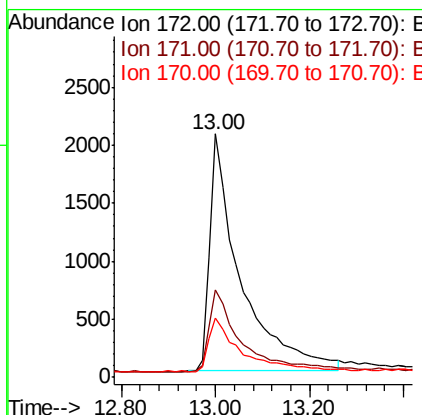
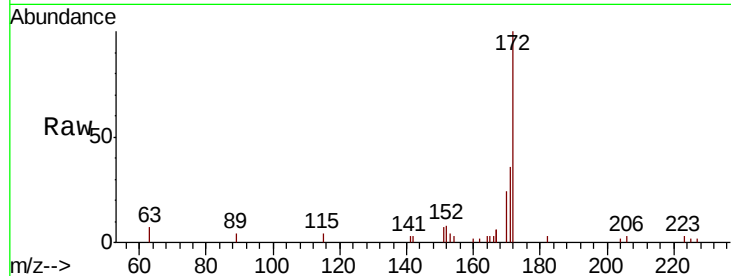
#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101011.D
Acq: 9 Jan 2020 13:51

Instrument :
BNA_E
ClientSampleId :
PB125980BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	24.5	18.9	28.3

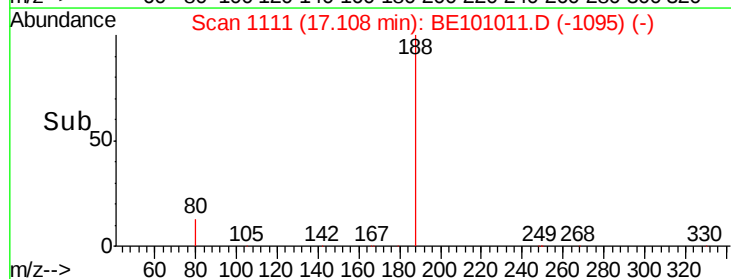
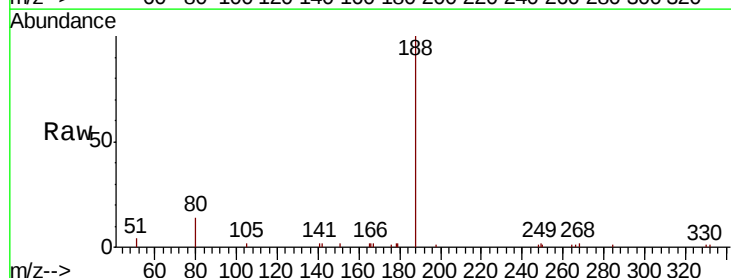
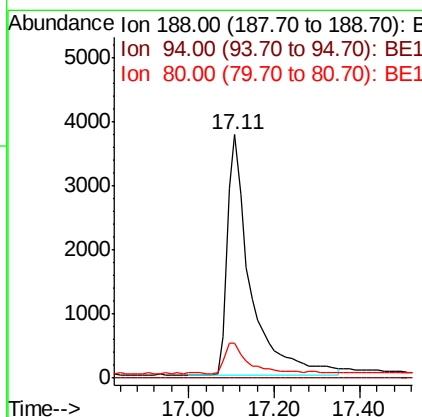
Manual Integrations
APPROVED

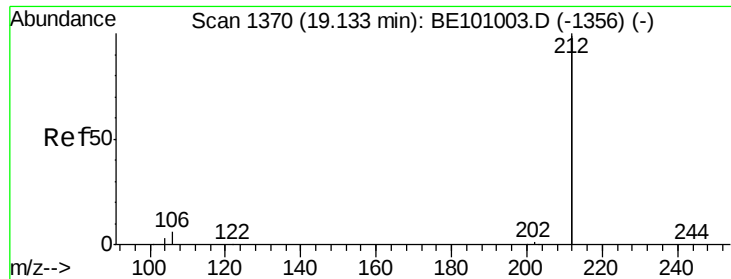
mohammad
1/10/2020 1:08:14 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101011.D
Acq: 9 Jan 2020 13:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	10.8	16.2





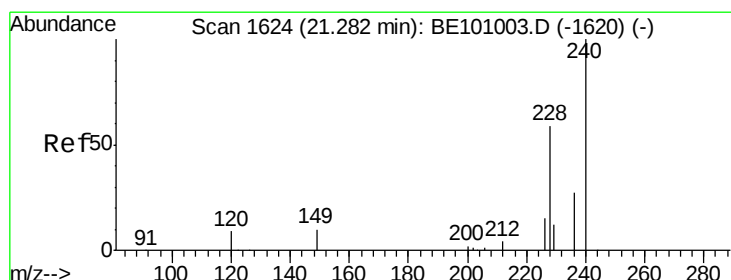
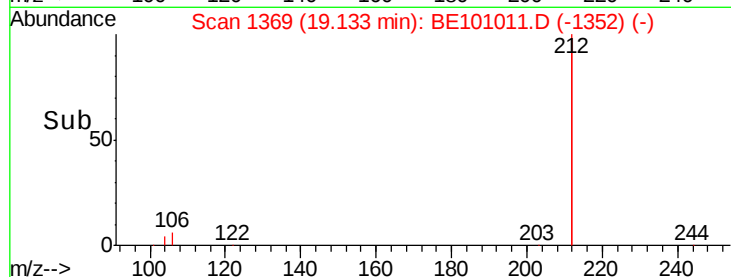
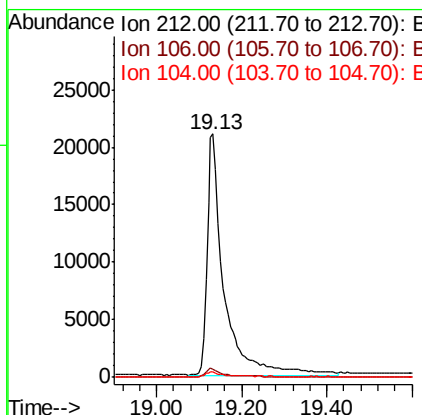
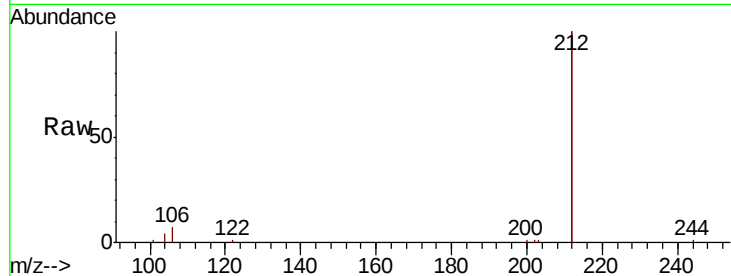
#25
 Fluoranthene-d10
 Concen: 0.302 ng
 RT: 19.13 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE101011.D
 Acq: 9 Jan 2020 13:51

Instrument :
 BNA_E
 ClientSampleId :
 PB125980BL

Tot Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	1.7	1.4	2.0

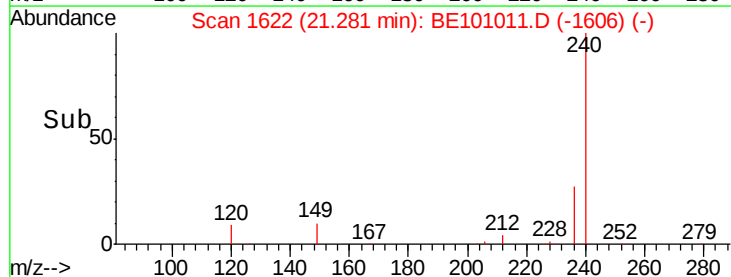
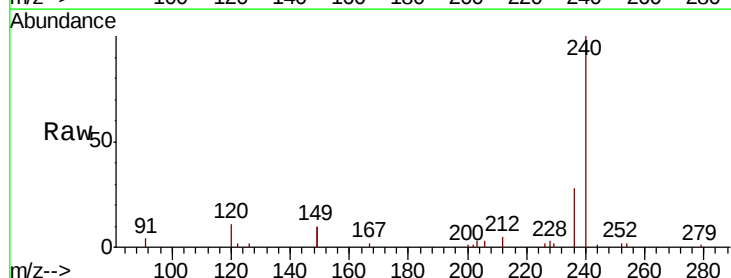
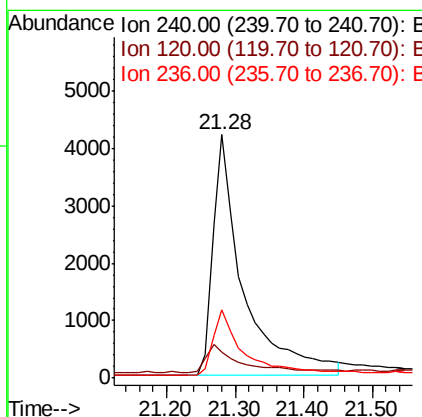
Manual Integrations
 APPROVED

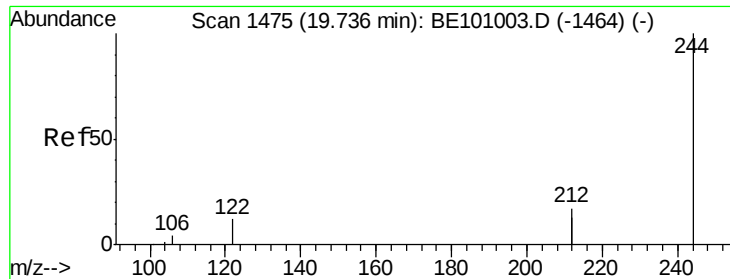
mohammad
 1/10/2020 1:08:14 PM



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE101011.D
 Acq: 9 Jan 2020 13:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	13.0
236	28.1	22.2	33.4





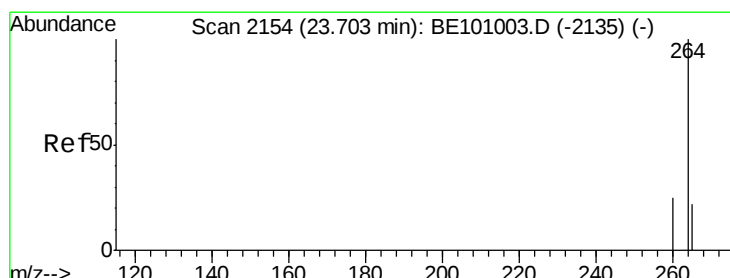
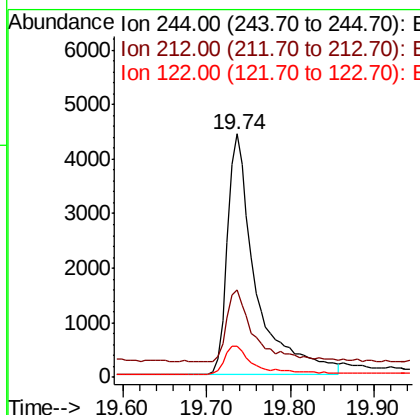
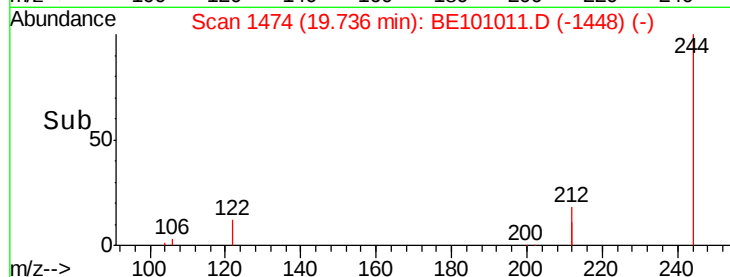
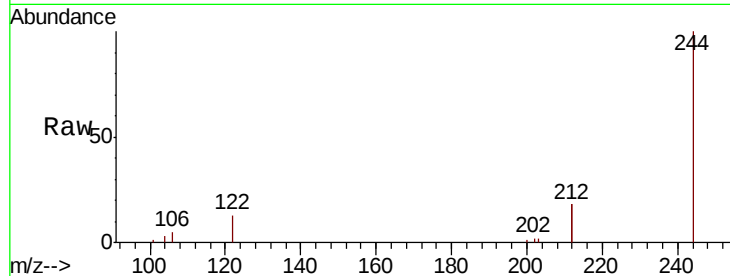
#29
 Terphenyl-d14
 Concen: 0.330 ng
 RT: 19.74 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BE101011.D
 Acq: 9 Jan 2020 13:51

Instrument :
 BNA_E
 ClientSampleId :
 PB125980BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	36.0	27.2	40.8
122	12.7	9.8	14.8

Manual Integrations
 APPROVED

mohammad
 1/10/2020 1:08:14 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BE101011.D
 Acq: 9 Jan 2020 13:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	32.6	27.0	40.4

