

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070819\
 Data File : BN006757.D
 Acq On : 08 Jul 2019 14:20
 Operator : HP/JU
 Sample : PB121132BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121132BL

Manual Integrations
 APPROVED

mohammad
 7/9/2019 8:47:28 AM

Quant Time: Jul 09 05:00:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2349	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	8028	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	5075	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	10958	0.40	ng	0.00
27) Chrysene-d12	21.25	240	10628	0.40	ng	-0.01
34) Perylene-d12	23.48	264	12961	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1729	0.27	ng	0.02
5) Phenol-d6	6.89	99	1747	0.22	ng	0.06
8) Nitrobenzene-d5	8.88	82	1803m	0.29	ng	0.09
11) 2-Methylnaphthalene-d10	12.01	152	4529	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.81	330	456	0.18	ng	0.02
15) 2-Fluorobiphenyl	12.88	172	6682	0.34	ng	0.00
25) Fluoranthene-d10	19.07	212	12681	0.40	ng	0.00
29) Terphenyl-d14	19.67	244	9497	0.39	ng	0.00

Target Compounds Qvalue

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

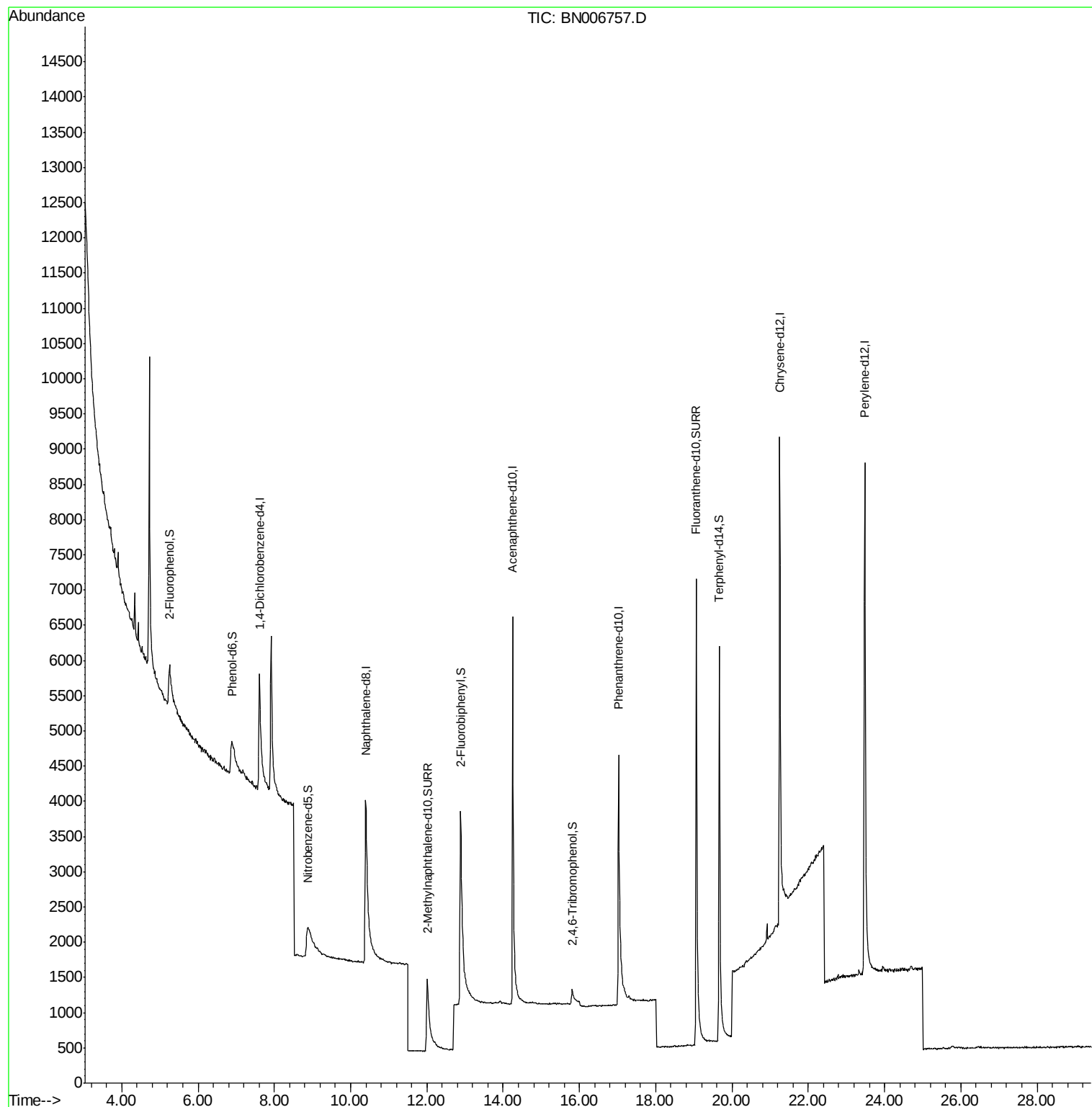
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070819\
Data File : BN006757.D
Acq On : 08 Jul 2019 14:20
Operator : HP/JU
Sample : PB121132BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

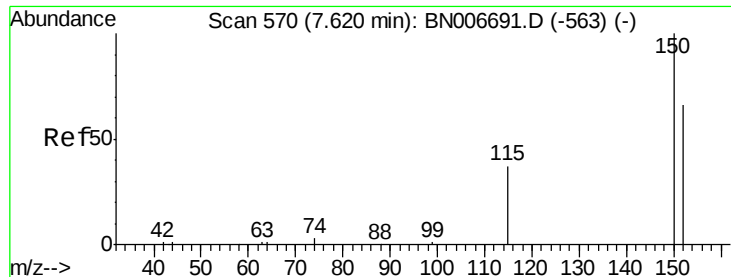
Instrument :
BNA_N
ClientSampleId :
PB121132BL

Manual Integrations
APPROVED

mohammad
7/9/2019 8:47:28 AM

Quant Time: Jul 09 05:00:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration





#1

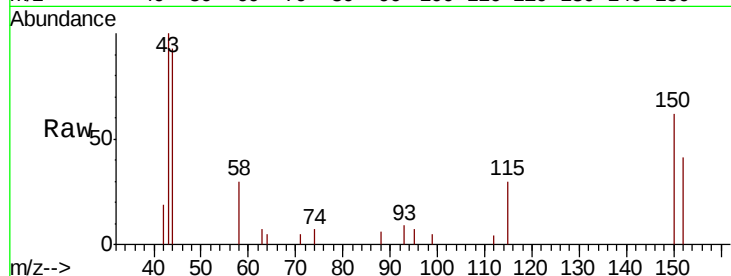
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006757.D
Acq: 08 Jul 2019 14:20

Instrument :
BNA_N
ClientSampleId :
PB121132BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	120.6	181.0
115	72.0	51.0	76.6

Manual Integrations
APPROVED

mohammad
7/9/2019 8:47:28 AM

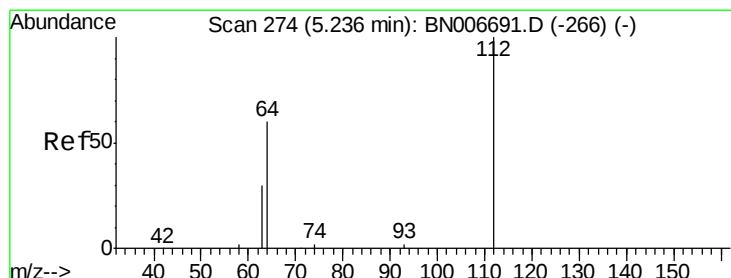
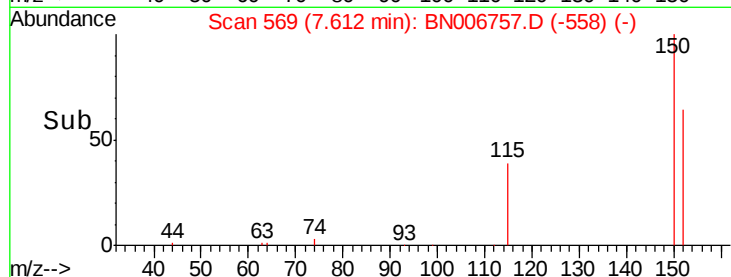
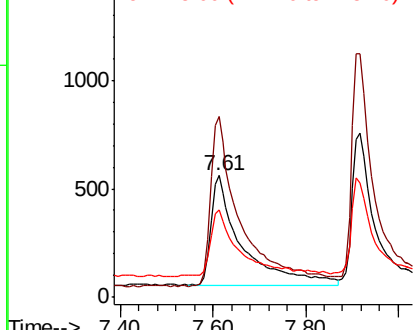


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

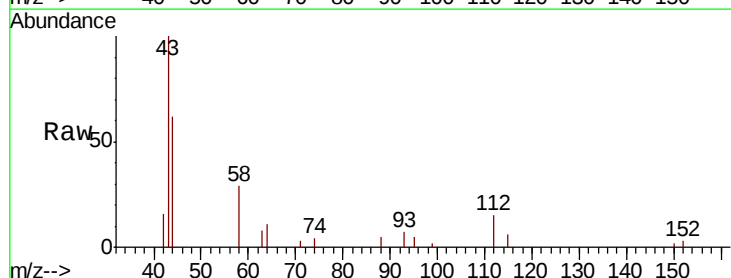
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.271 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.02 min
Lab File: BN006757.D
Acq: 08 Jul 2019 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	49.8	74.6
63	32.7	25.8	38.6

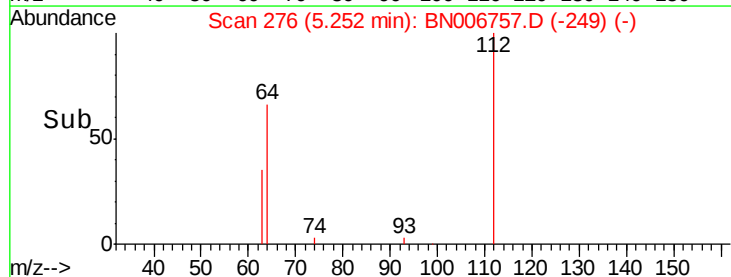
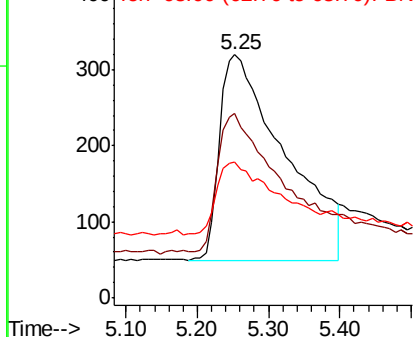


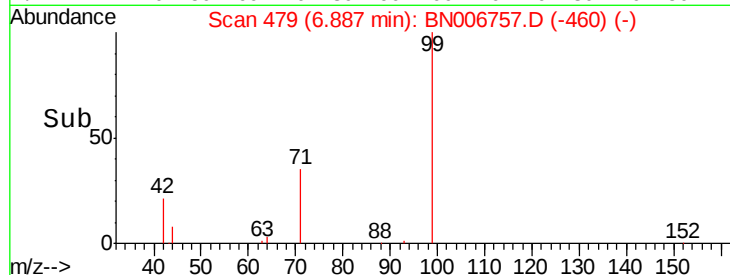
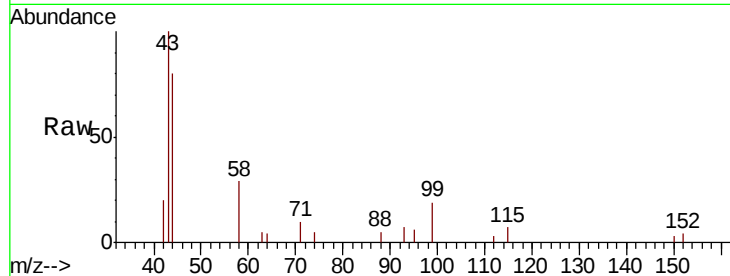
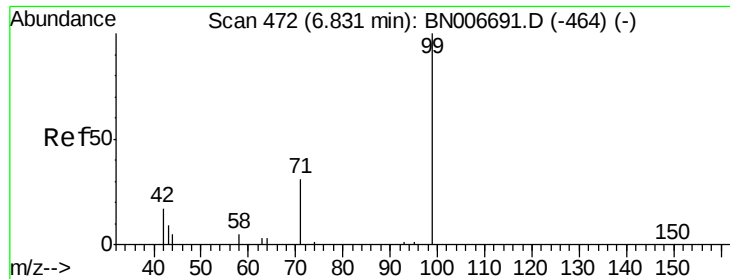
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.216 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.06 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

Tot Ion:	99	Resp:	1747
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	25.0
71	35.3	26.0	39.0

Instrument :

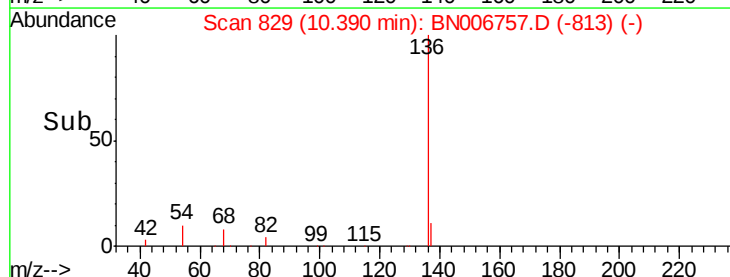
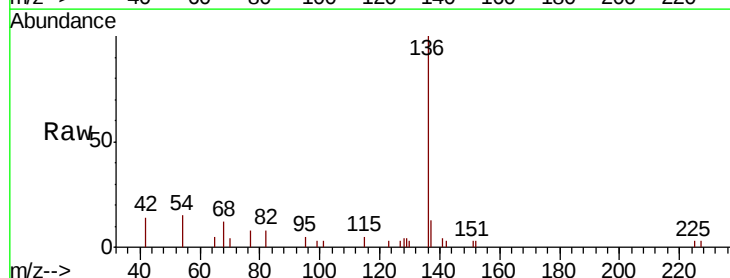
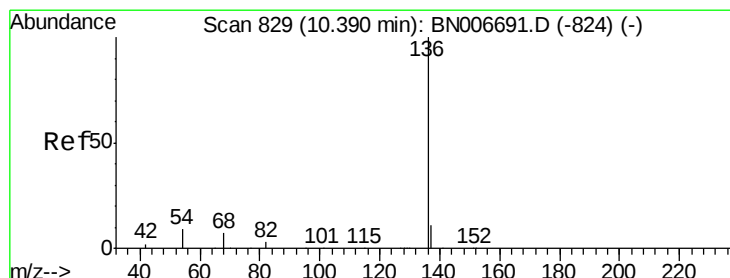
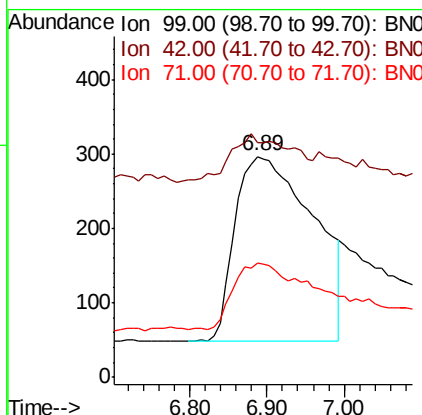
BNA_N

ClientSampleId :

PB121132BL

Manual Integrations
APPROVED

mohammad
7/9/2019 8:47:28 AM



#7

Naphthalene-d8

Concen: 0.400 ng

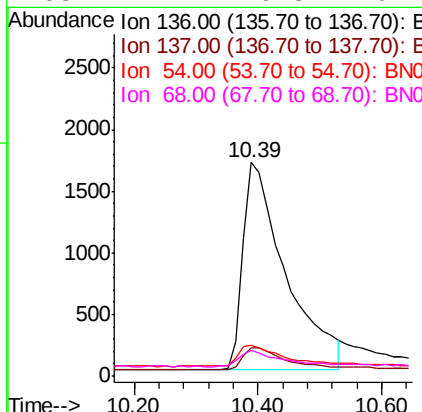
RT: 10.39 min Scan# 829

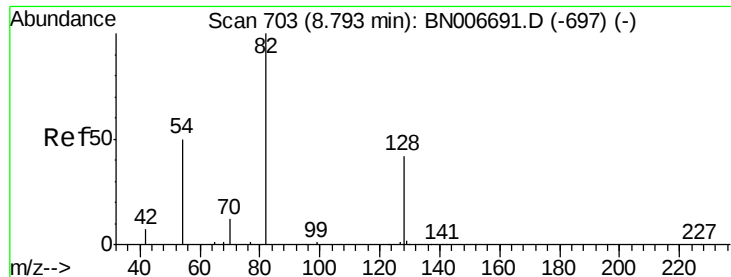
Delta R.T. 0.00 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

Tgt Ion:	136	Resp:	8028
Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.3	13.9
54	14.6	8.4	12.6#
68	12.1	6.8	10.2#





#8

Nitrobenzene-d5

Concen: 0.293 ng/mL

RT: 8.88 min Scan# 710

Delta R.T. 0.09 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

Instrument :

BNA_N

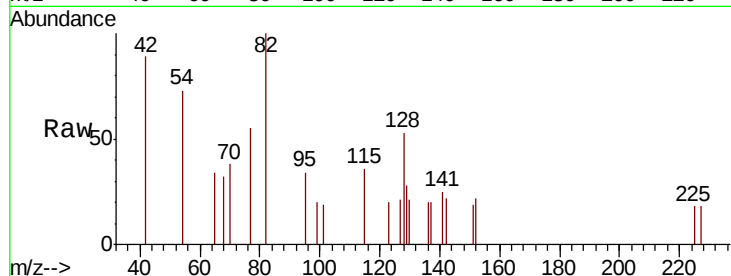
ClientSampleId :

PB121132BL

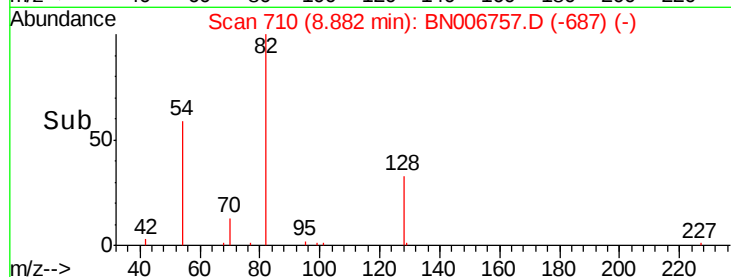
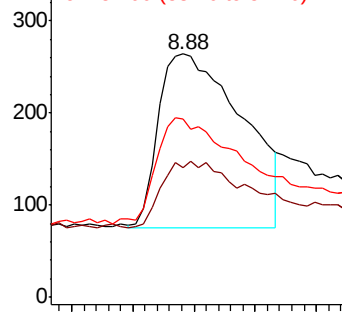
Tot Ion:	82	Resp:	1803
Ion Ratio	Lower	Upper	
82	100		
128	53.4	36.1	54.1
54	73.5	44.5	66.7

Manual Integrations
APPROVED

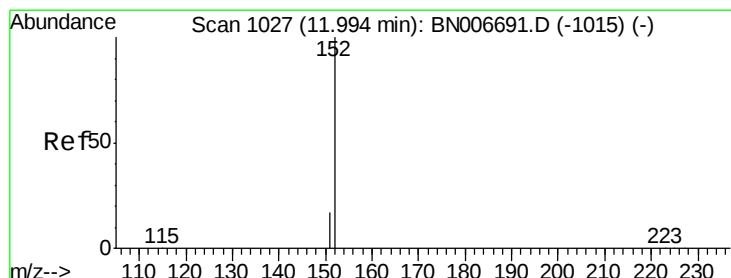
mohammad
7/9/2019 8:47:28 AM



Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.375 ng/mL

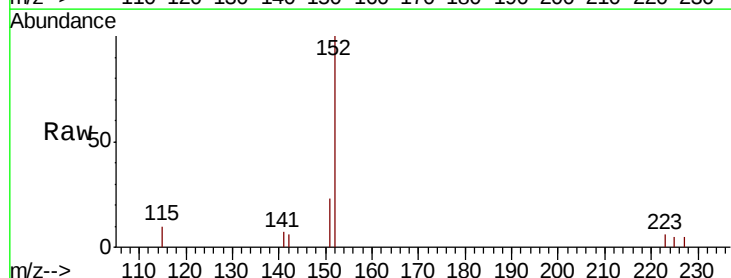
RT: 12.01 min Scan# 1031

Delta R.T. 0.02 min

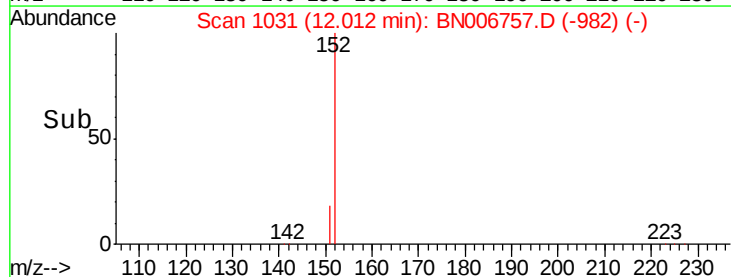
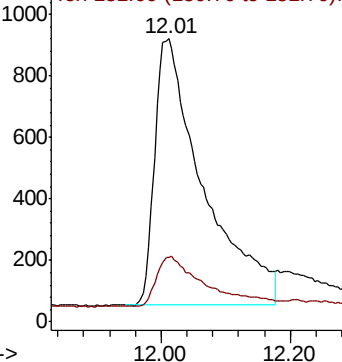
Lab File: BN006757.D

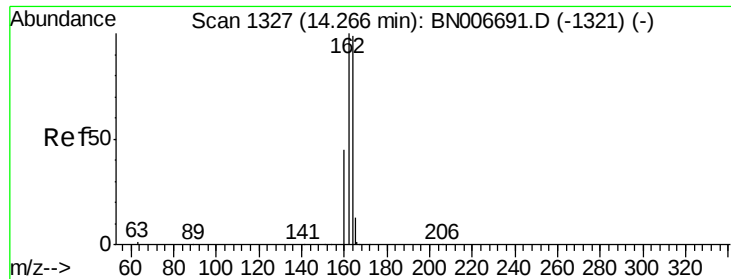
Acq: 08 Jul 2019 14:20

Tgt Ion:	152	Resp:	4529
Ion Ratio	Lower	Upper	
152	100		
151	18.9	14.9	22.3



Abundance Ion 152.00 (151.70 to 152.70): BN006691.D (-1015) (-)





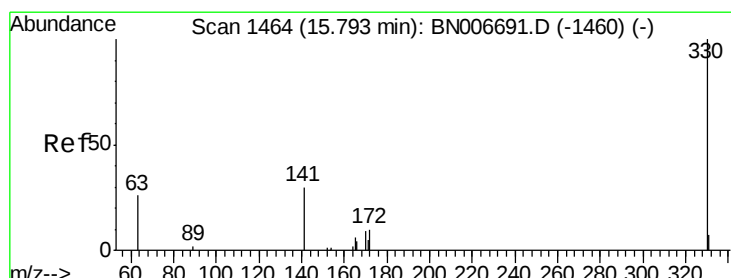
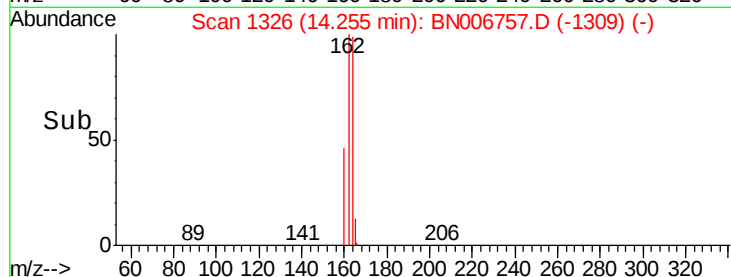
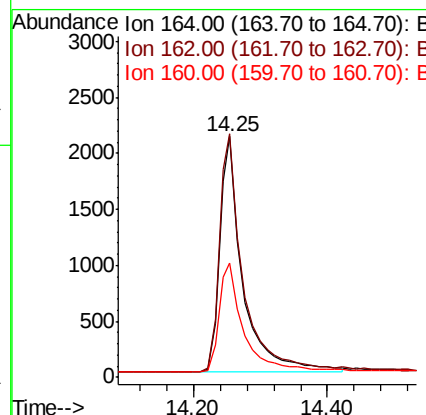
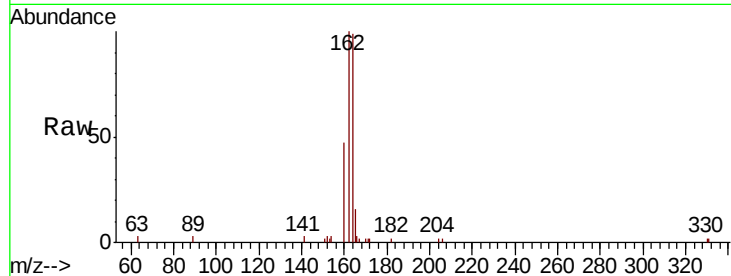
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN006757.D
Acq: 08 Jul 2019 14:20

Instrument :
BNA_N
ClientSampleId :
PB121132BL

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.8	121.2
160	47.5	37.0	55.6

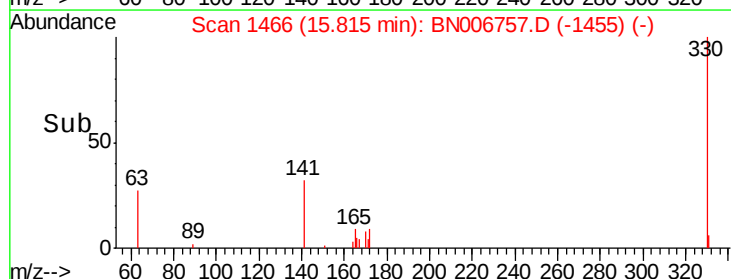
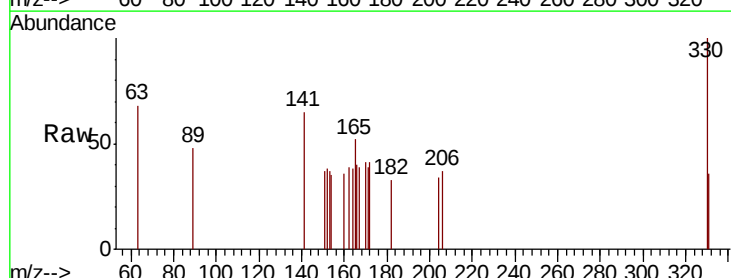
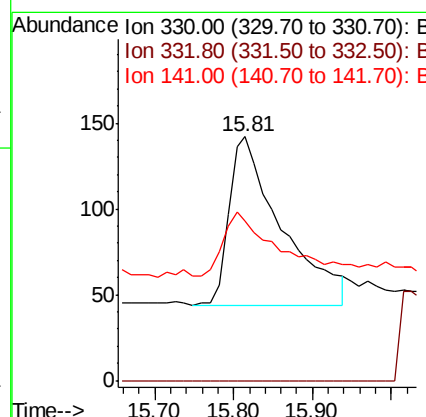
Manual Integrations
APPROVED

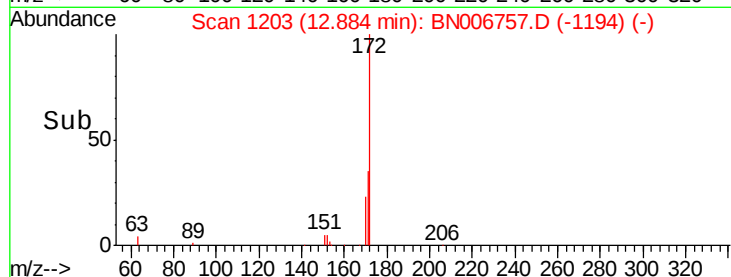
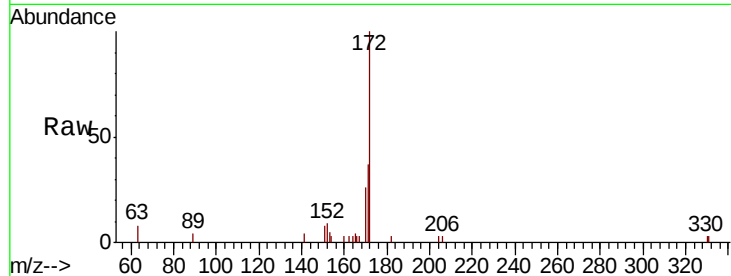
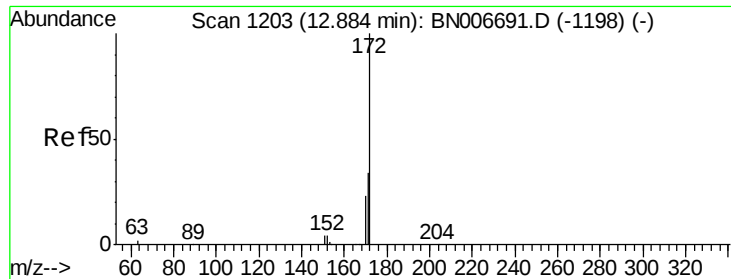
mohammad
7/9/2019 8:47:28 AM



#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.81 min Scan# 1466
Delta R.T. 0.02 min
Lab File: BN006757.D
Acq: 08 Jul 2019 14:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.8	24.8	37.2#





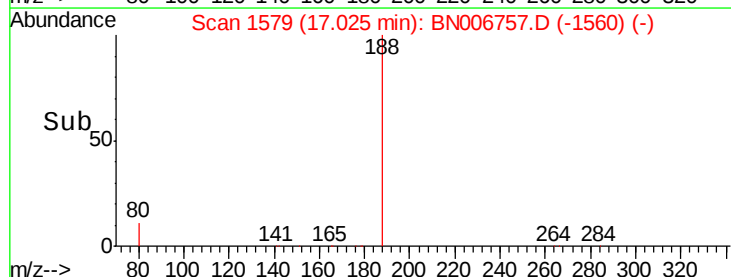
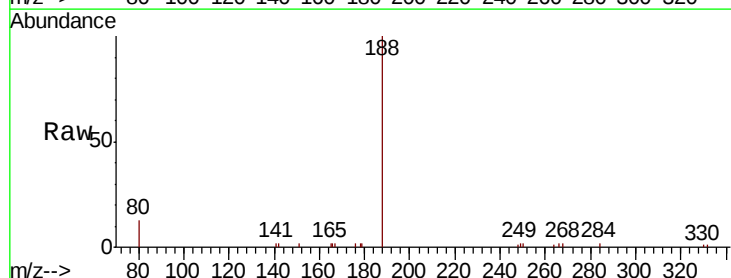
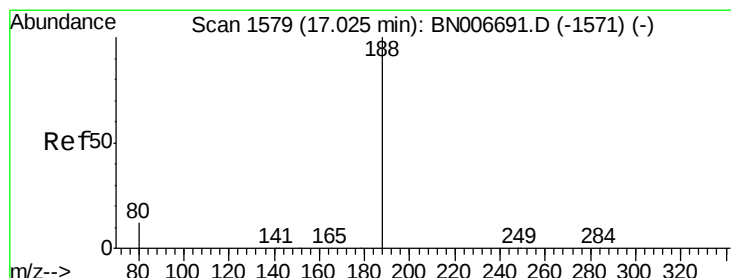
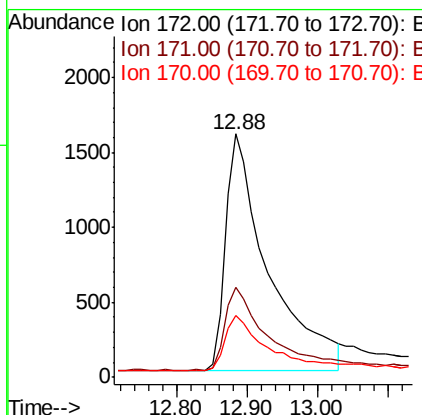
#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006757.D
Acq: 08 Jul 2019 14:20

Instrument :
BNA_N
ClientSampleId :
PB121132BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	27.8	41.6
170	25.6	18.9	28.3

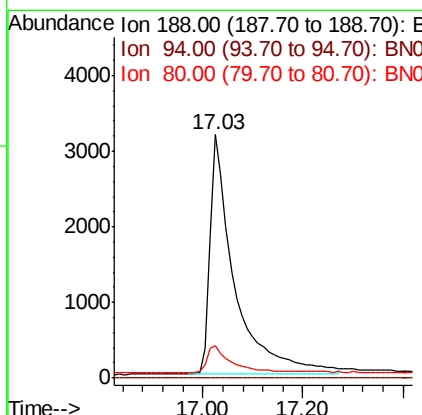
Manual Integrations
APPROVED

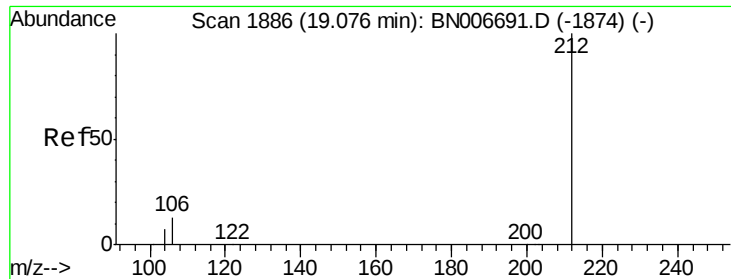
mohammad
7/9/2019 8:47:28 AM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN006757.D
Acq: 08 Jul 2019 14:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	10.3	15.5





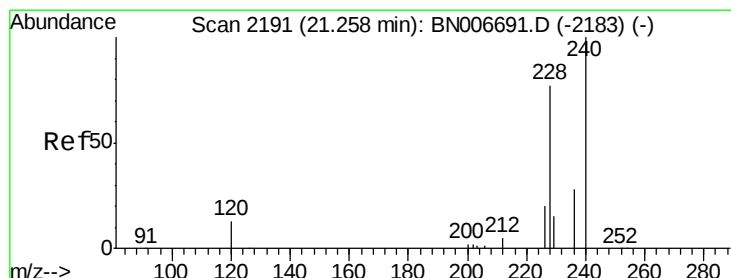
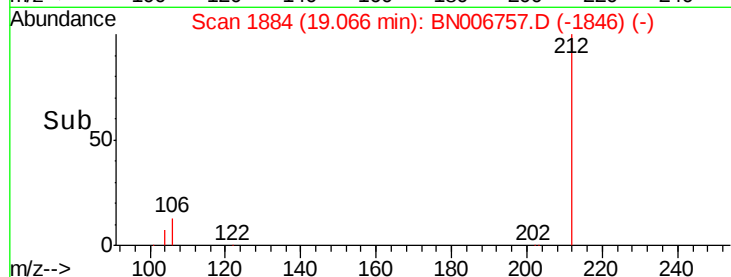
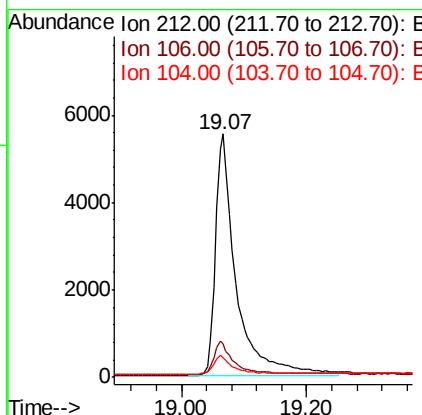
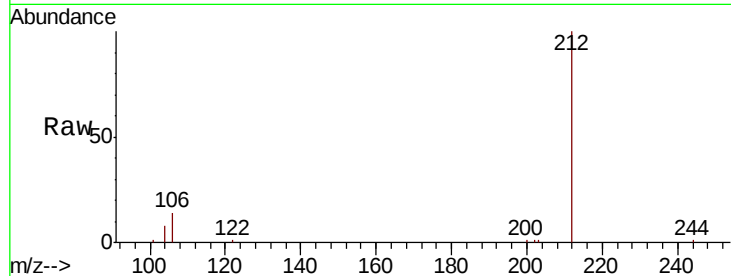
#25
 Fluoranthene-d10
 Concen: 0.404 ng
 RT: 19.07 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BN006757.D
 Acq: 08 Jul 2019 14:20

Instrument :
 BNA_N
 ClientSampleId :
 PB121132BL

Tot Ion	Ratio	Lower	Upper
212	100		
106	12.8	11.0	16.6
104	7.3	6.1	9.1

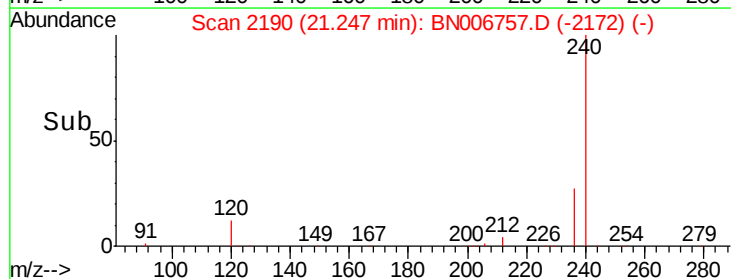
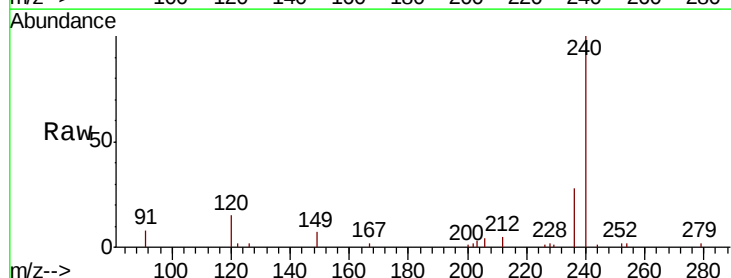
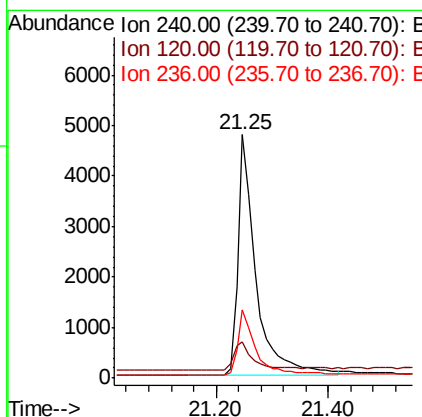
Manual Integrations
 APPROVED

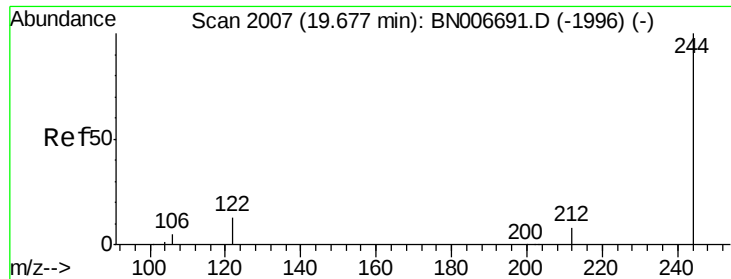
mohammad
 7/9/2019 8:47:28 AM



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BN006757.D
 Acq: 08 Jul 2019 14:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	12.9	19.3
236	27.9	23.2	34.8





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.67 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

Instrument :

BNA_N

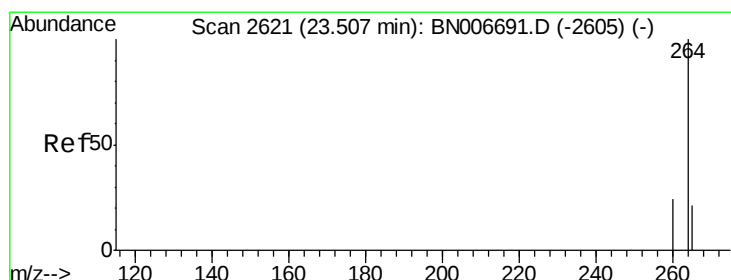
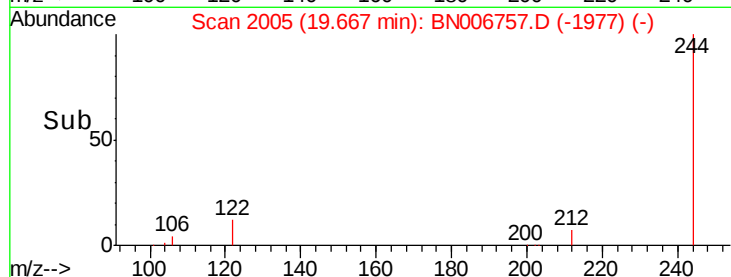
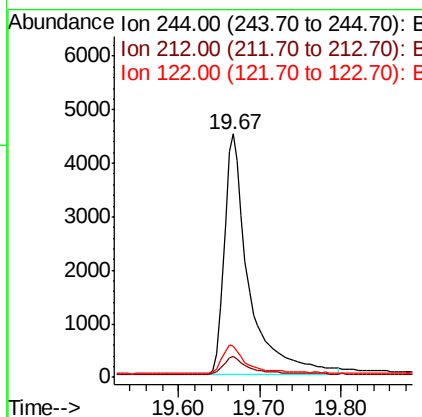
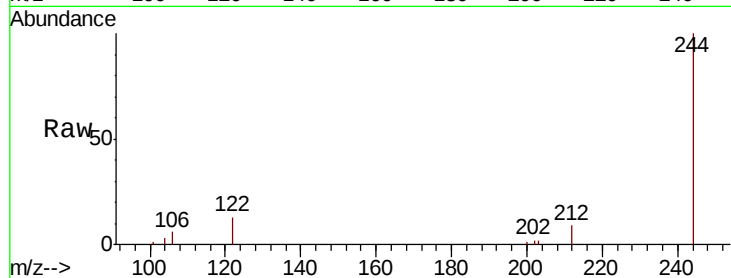
ClientSampleId :

PB121132BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	12.9	11.5	17.3

Manual Integrations
APPROVED

mohammad
7/9/2019 8:47:28 AM



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.48 min Scan# 2613

Delta R.T. -0.03 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	36.0	33.7	50.5

