

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
 Data File : BN007221.D
 Acq On : 16 Aug 2019 14:00
 Operator : HP/JU
 Sample : PB122169BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Manual Integrations
 APPROVED

Quant Time: Aug 17 00:57:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	7760	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	28038	0.40	ng	-0.01
12) Acenaphthene-d10	14.06	164	15412	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	38341	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	38062	0.40	ng	-0.02
32) Perylene-d12	23.15	264	43876	0.40	ng	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.05	112	6715	0.36	ng	0.00
4) Phenol-d6	6.61	99	8815	0.38	ng	0.00
7) Nitrobenzene-d5	8.55	82	7620	0.34	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	16170	0.31	ng	-0.01
13) 2,4,6-Tribromophenol	15.56	330	1367	0.16	ng	-0.01
14) 2-Fluorobiphenyl	12.71	172	1489	0.07	ng	0.00
24) Fluoranthene-d10	18.86	212	43398	0.32	ng	-0.01
28) Terphenyl-d14	19.48	244	34885	0.34	ng	-0.02

Target Compounds Qvalue

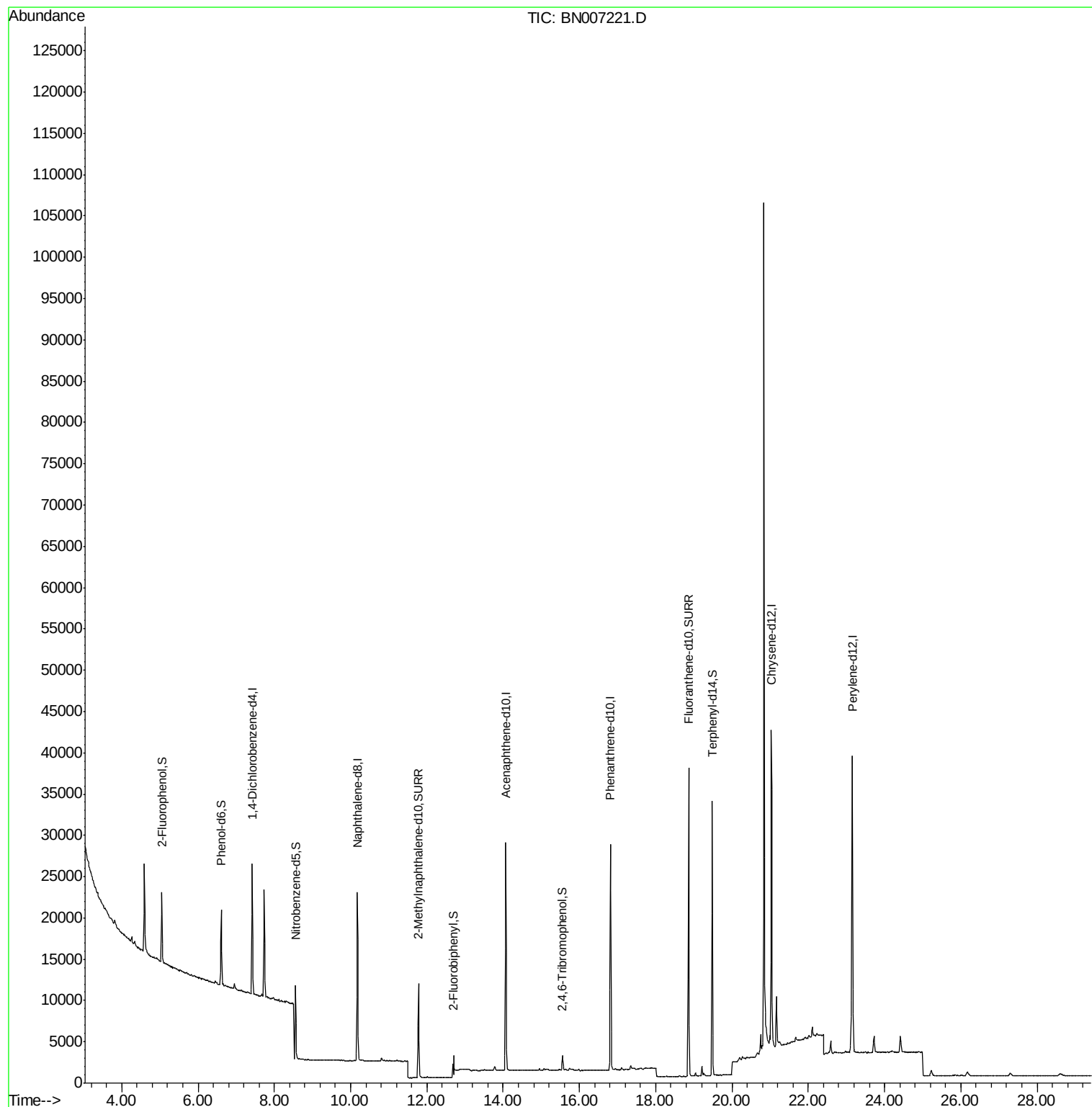
(#) = qualifier out of range (m) = manual integration (+) = signals summed

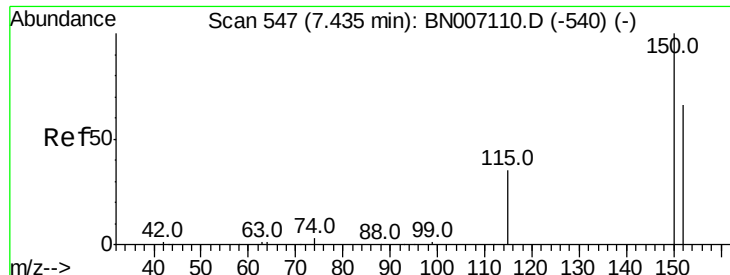
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
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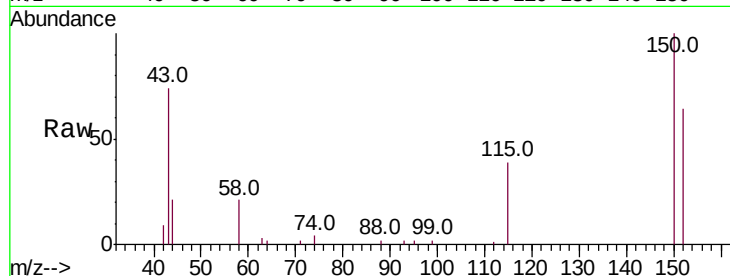
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007221.D
Acq: 16 Aug 2019 14:00

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.7	182.5
115	60.2	46.2	69.4

Manual Integrations
APPROVED

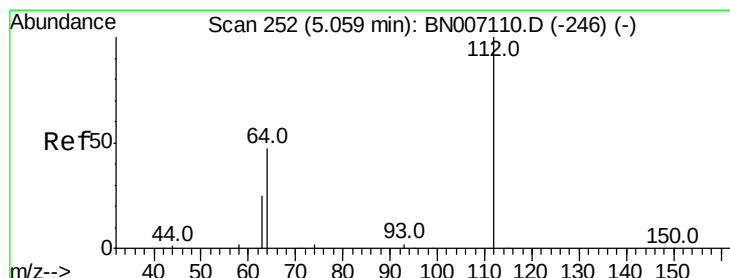
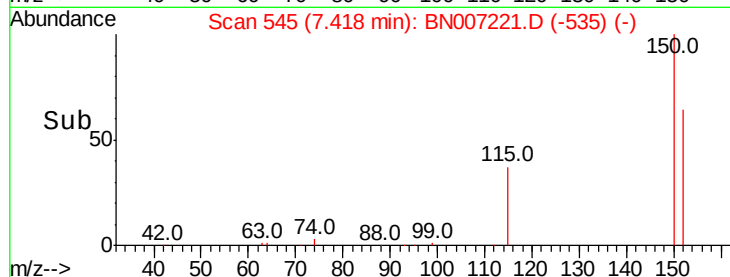
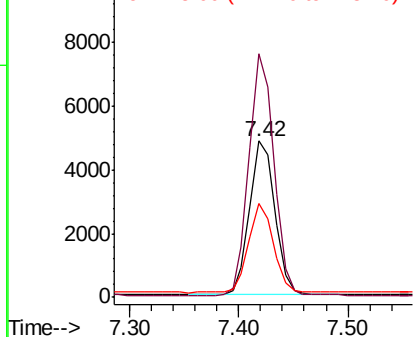


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

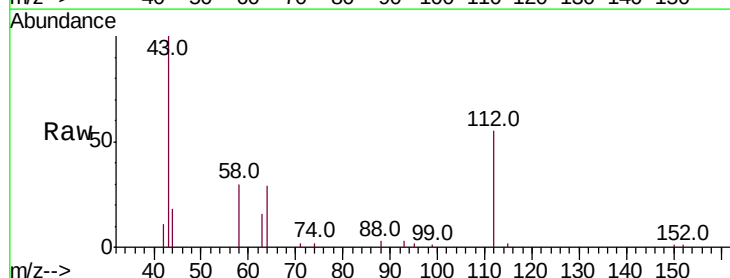
Ion 115.00 (114.70 to 115.70): E



#3

2-Fluorophenol
Concen: 0.360 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007221.D
Acq: 16 Aug 2019 14:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	42.6	63.8
63	26.8	22.2	33.2

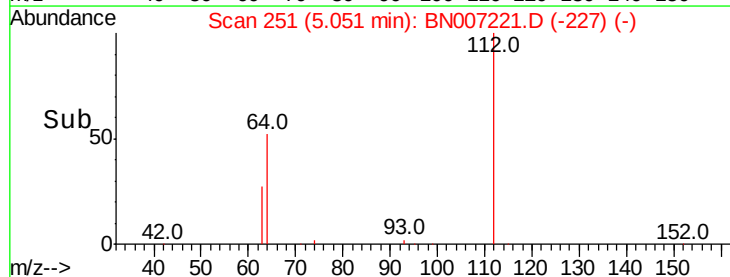
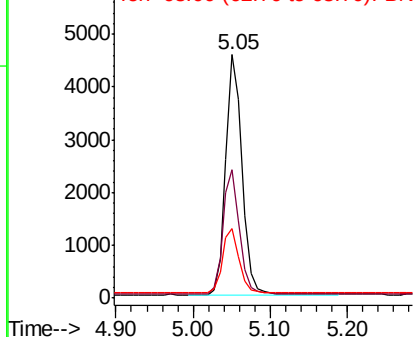


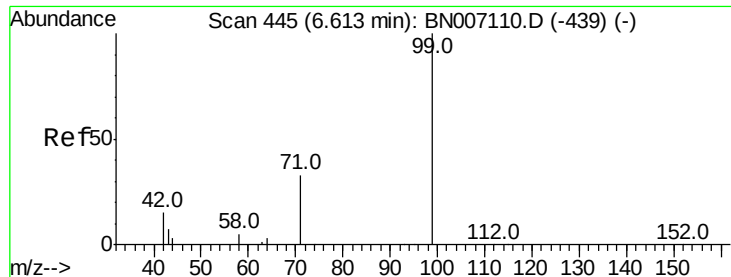
Abundance

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





#4

Phenol-d6

Concen: 0.382 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

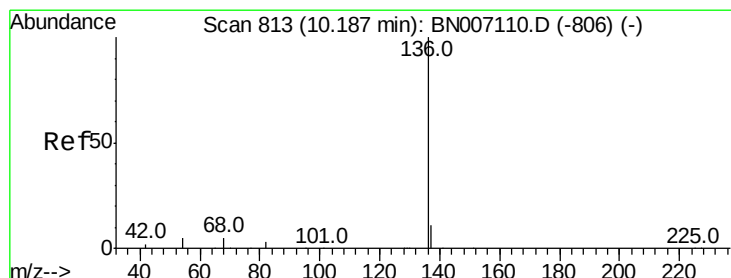
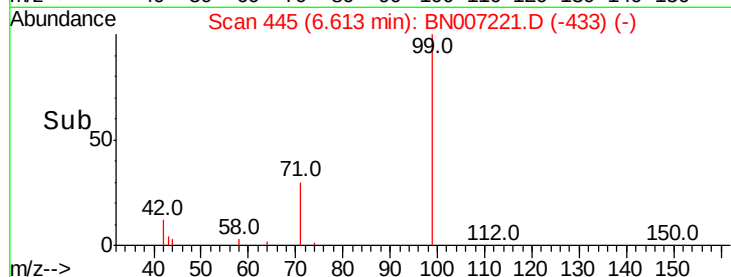
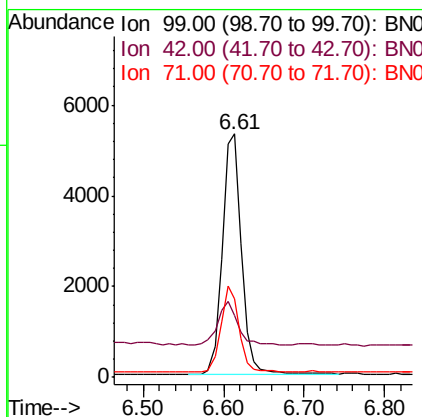
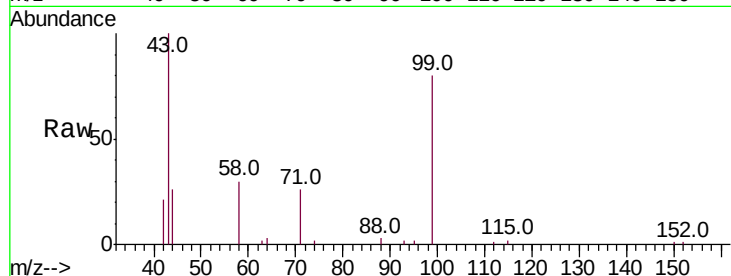
Instrument :

BNA_N

ClientSampled :

Tot Ion:	99	Resp:	8815
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	34.0	27.0	40.4

Manual Integrations
APPROVED



#6

Naphthalene-d8

Concen: 0.400 ng

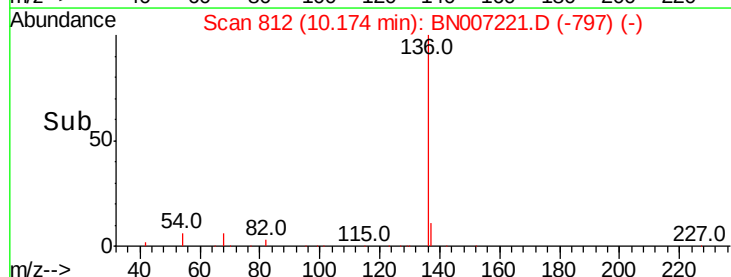
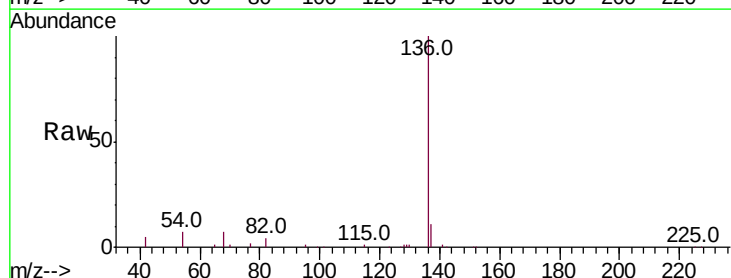
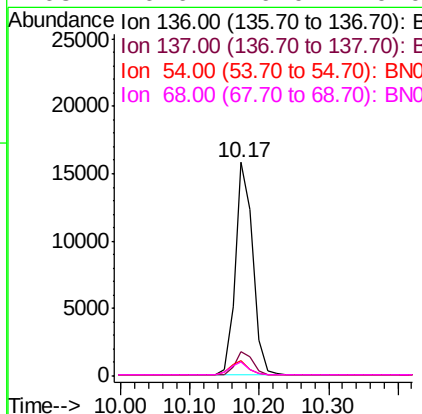
RT: 10.17 min Scan# 812

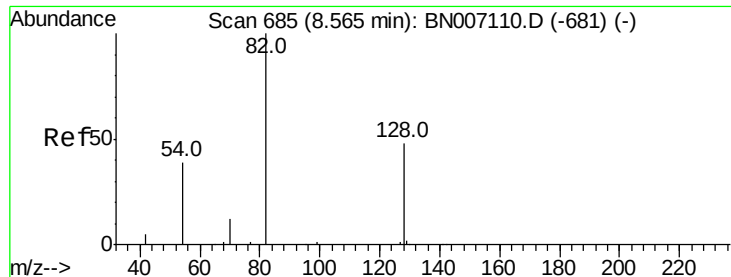
Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

Tgt Ion:	136	Resp:	28038
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	7.1	6.6	9.8
68	6.6	6.0	9.0





#7

Nitrobenzene-d5

Concen: 0.337 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

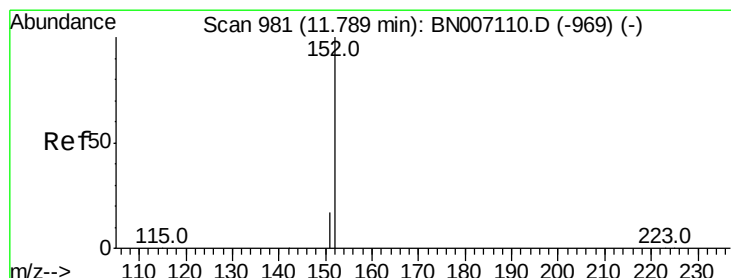
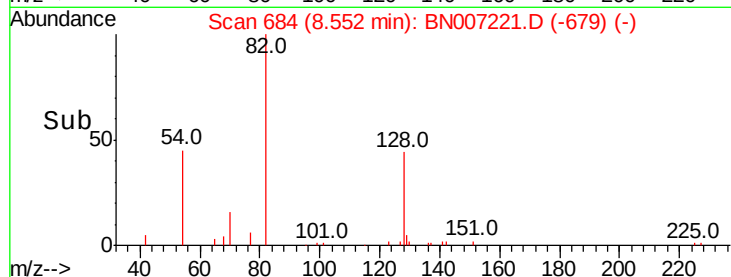
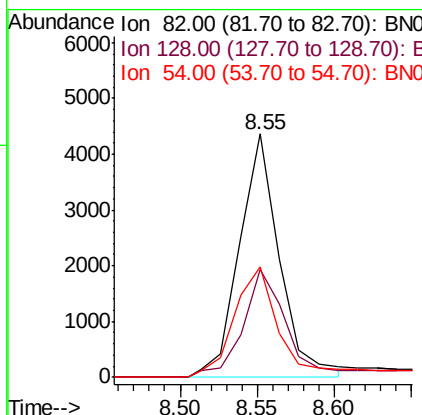
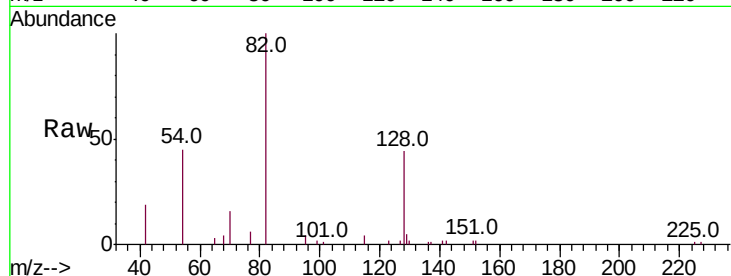
Instrument :

BNA_N

ClientSampled :

Tot Ion:	82	Resp:	7620
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	45.4	36.2	54.4

Manual Integrations
APPROVED



#10

2-Methylnaphthalene-d10

Concen: 0.309 ng

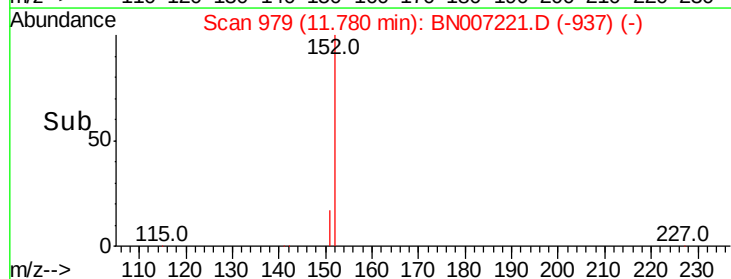
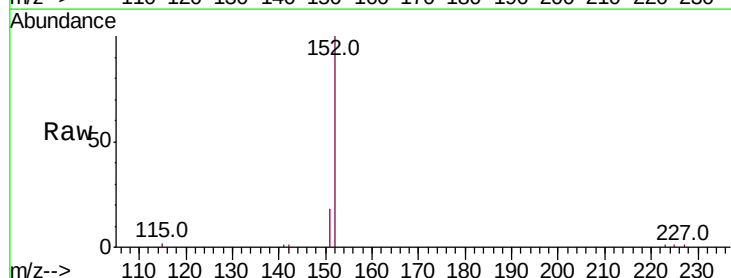
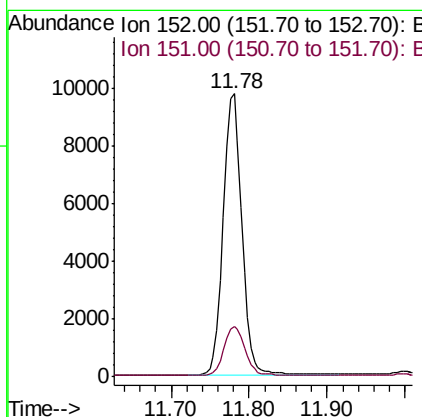
RT: 11.78 min Scan# 979

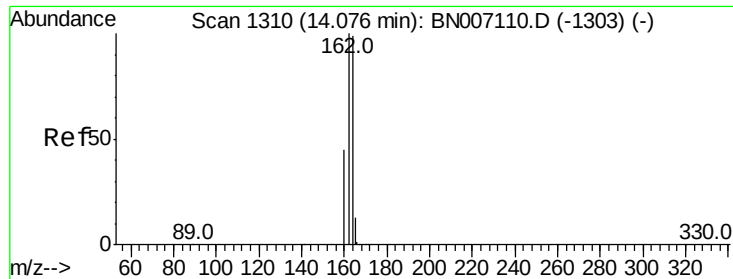
Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

Tgt Ion:	152	Resp:	16170
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

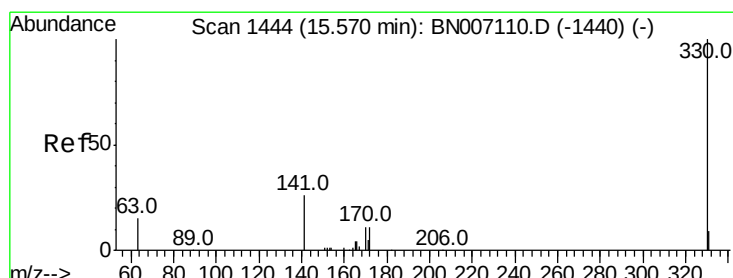
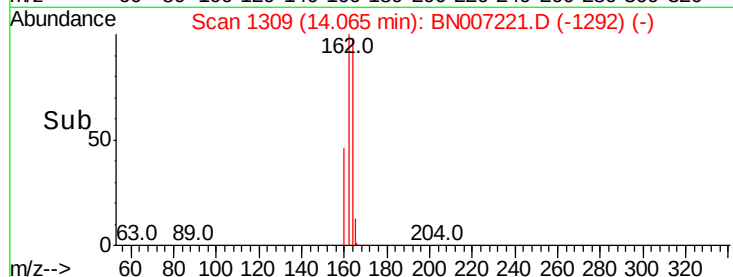
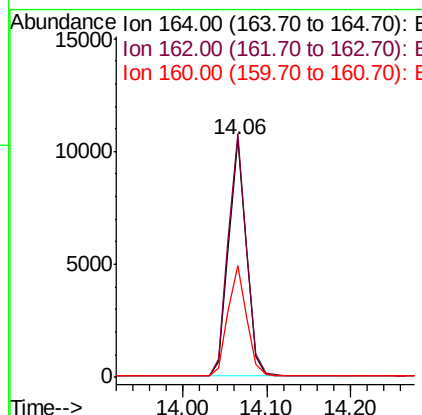
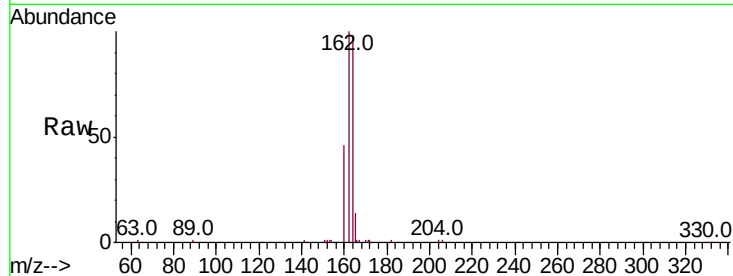
Instrument :

BNA_N

ClientSampled :

Tot Ion:	164	Resp:	15412
Ion Ratio	Lower	Upper	
164	100		
162	102.1	82.2	123.4
160	46.8	38.3	57.5

Manual Integrations
APPROVED



#13

2,4,6-Tribromophenol

Concen: 0.165 ng

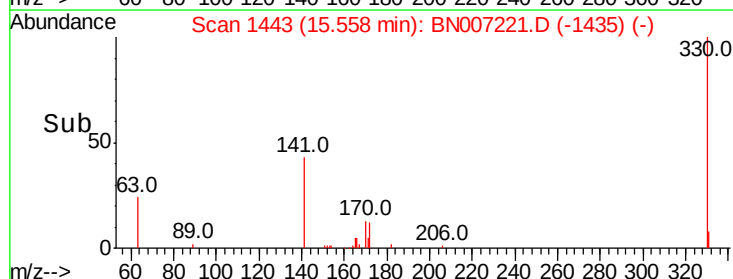
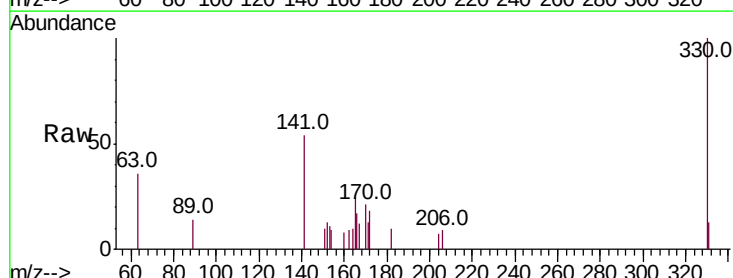
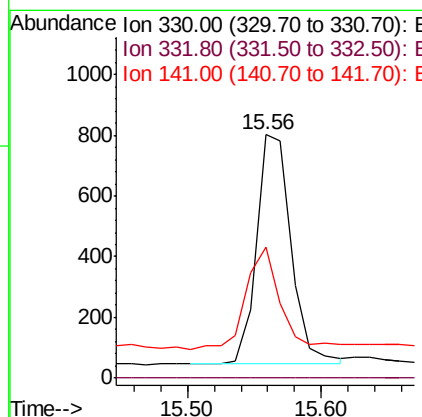
RT: 15.56 min Scan# 1443

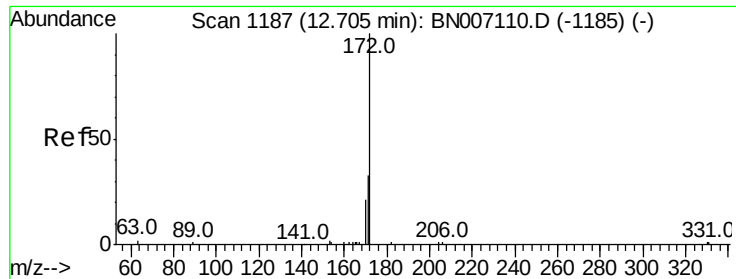
Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

Tgt Ion:	330	Resp:	1367
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	44.0	33.6	50.4



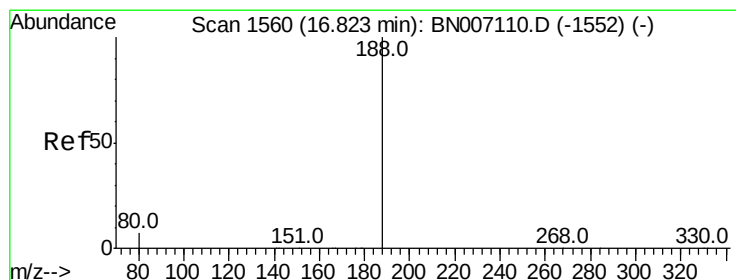
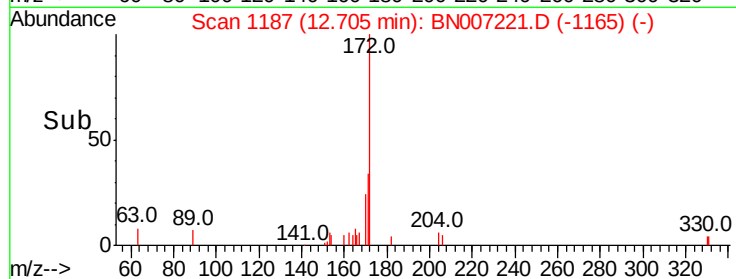
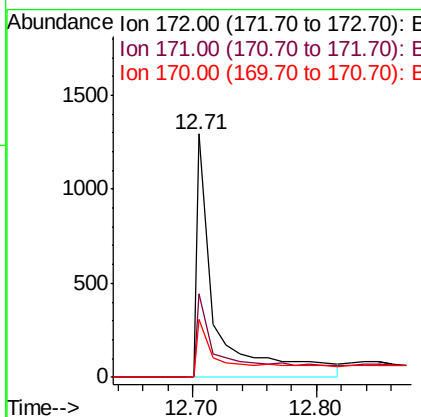
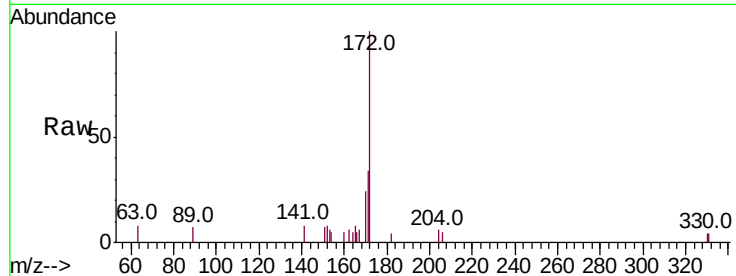


#14
2-Fluorobiphenyl
Concen: 0.066 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007221.D
Acq: 16 Aug 2019 14:00

Instrument :
BNA_N
ClientSampleId :

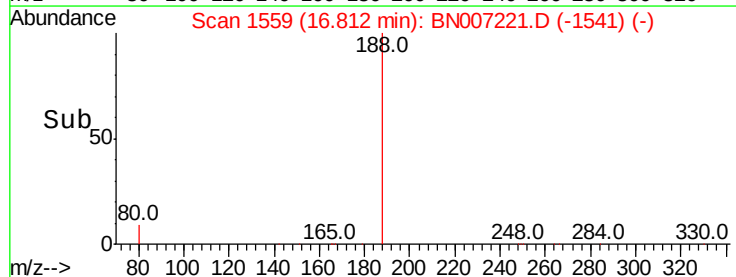
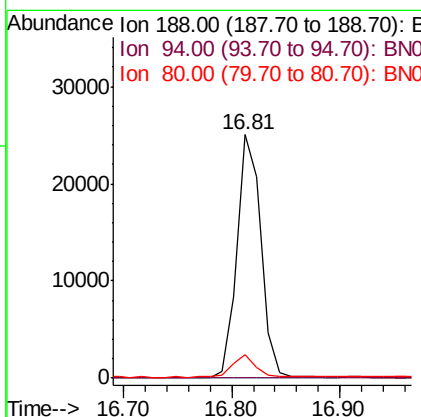
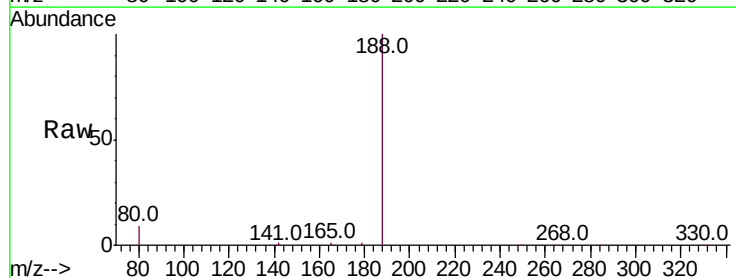
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.3	39.5
170	23.7	17.0	25.4

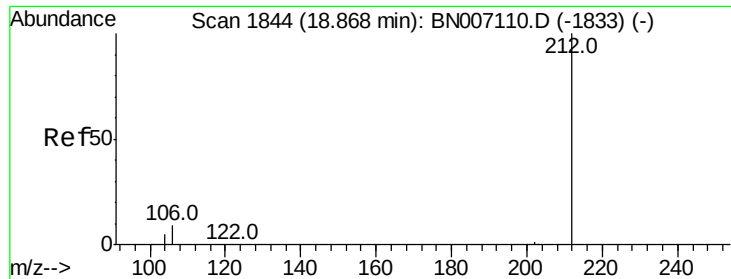
Manual Integrations
APPROVED



#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN007221.D
Acq: 16 Aug 2019 14:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.8	11.6



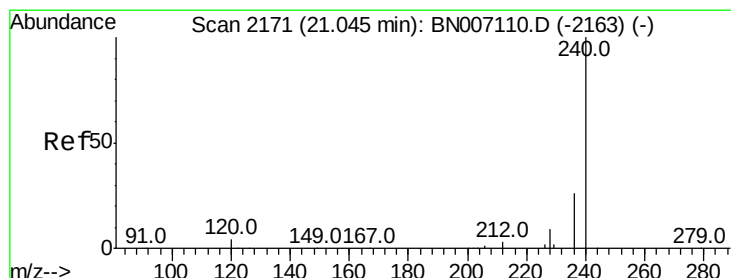
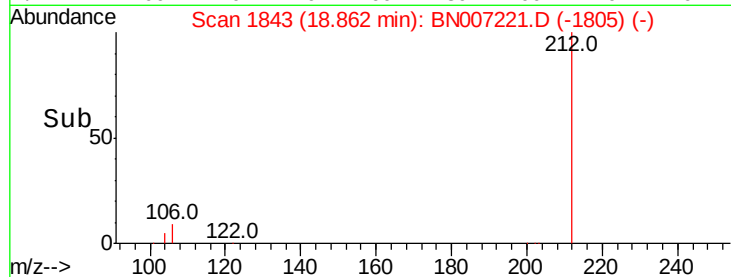
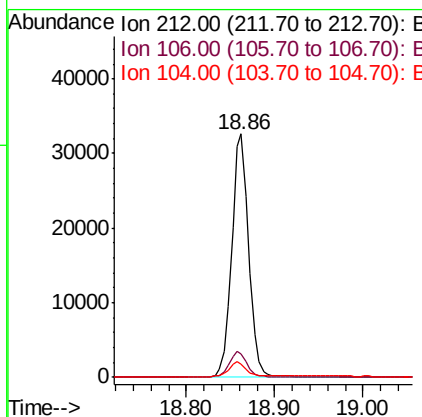
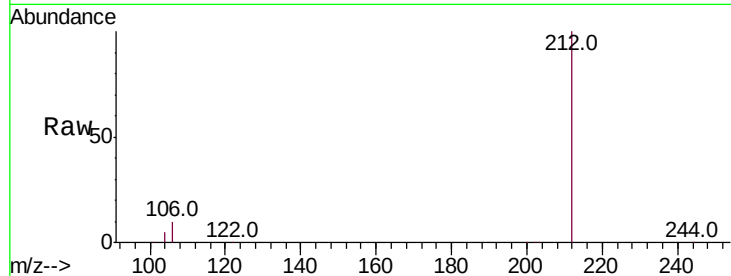


#24
 Fluoranthene-d10
 Concen: 0.319 ng
 RT: 18.86 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BN007221.D
 Acq: 16 Aug 2019 14:00

Instrument :
 BNA_N
 ClientSampleId :

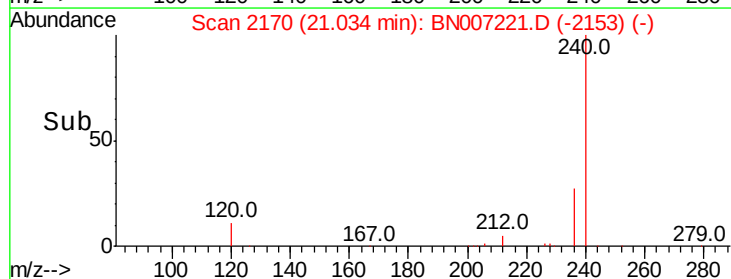
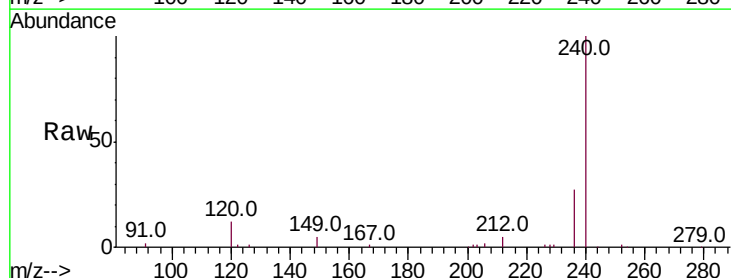
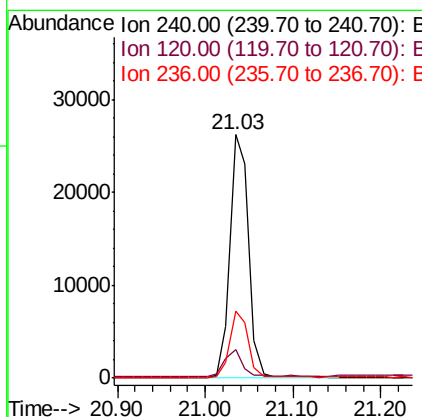
Tot Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.2
104	5.9	4.5	6.7

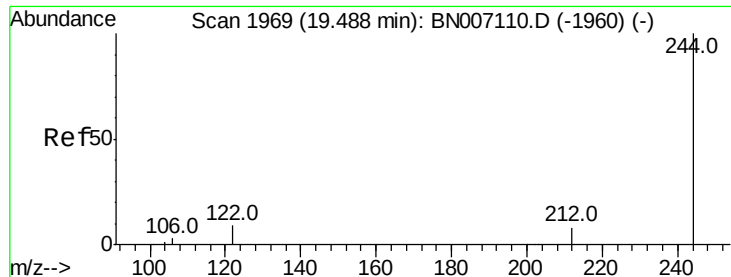
Manual Integrations
 APPROVED



#26
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.03 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BN007221.D
 Acq: 16 Aug 2019 14:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	4.0	6.0#
236	27.3	21.3	31.9





#28

Terphenyl-d14

Concen: 0.336 ng

RT: 19.48 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

Instrument :

BNA_N

ClientSampleId :

Tot Ion:244 Resp: 34885

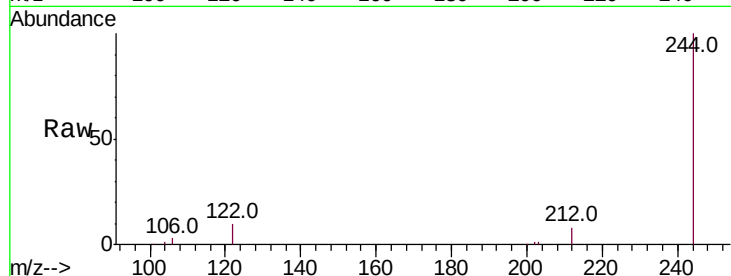
Ion Ratio Lower Upper

244 100

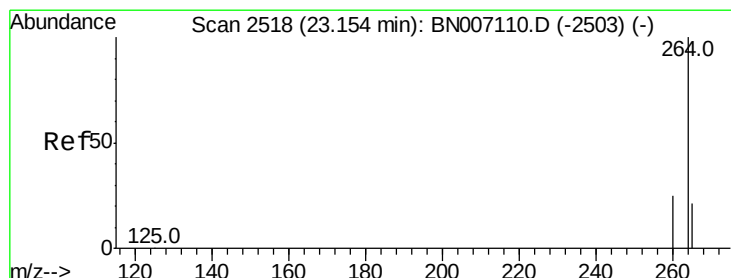
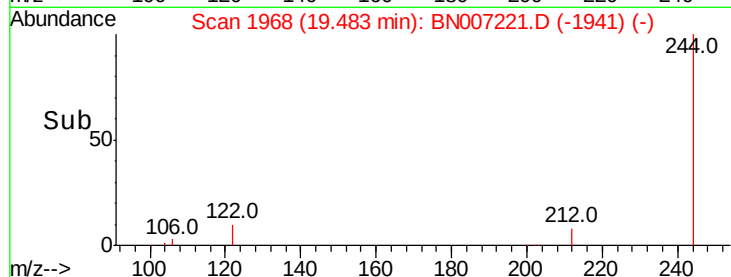
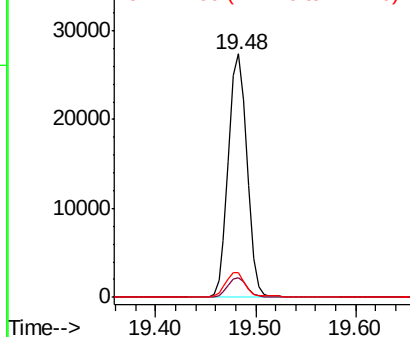
212 7.8 6.2 9.2

122 10.0 7.4 11.2

Manual Integrations
APPROVED



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.15 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

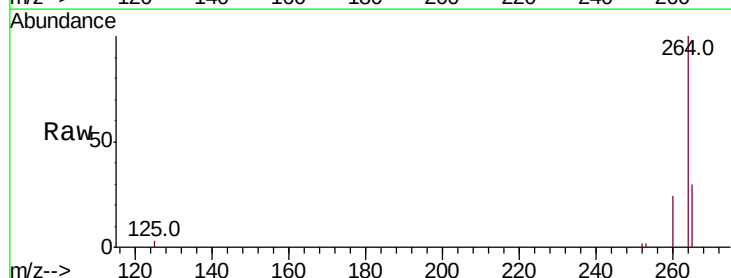
Tgt Ion:264 Resp: 43876

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 29.8 26.2 39.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

