Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
Data File : BN007231.D
Acq On : 16 Aug 2019 20:01
Operator : HP/JU
Sample : K4336-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED

Quant Time: Aug 17 01:00:14 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	7492	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	29153	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	16779	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	38850	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	37579	0.40	ng	-0.02
32) Perylene-d12	23.15	264	41285	0.40	ng	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.05	112	4053	0.23	ng	0.00
4) Phenol-d6	6.61	99	3247	0.15	ng	0.00
7) Nitrobenzene-d5	8.55	82	8727	0.37	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	19118	0.35	ng	-0.01
13) 2,4,6-Tribromophenol	15.56	330	3608	0.40	ng	-0.01
14) 2-Fluorobiphenyl	12.71	172	1516	0.06	ng	0.00
24) Fluoranthene-d10	18.86	212	47825	0.35	ng	-0.01
28) Terphenyl-d14	19.48	244	41836	0.41	ng	-0.02
Target Compounds						Qvalue
15) Acenaphthylene	13.78	152	4484	0.051	ng	98

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

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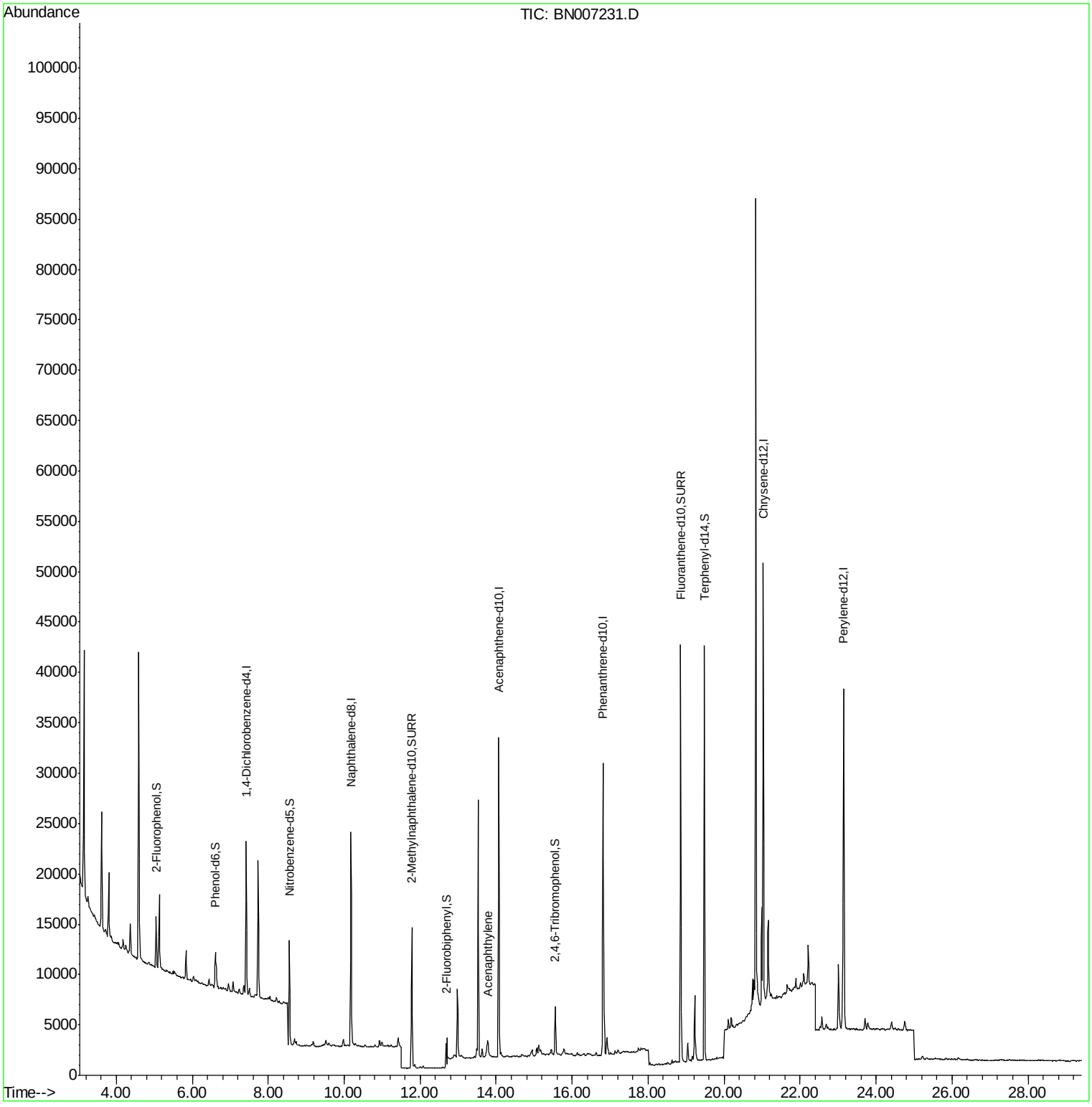
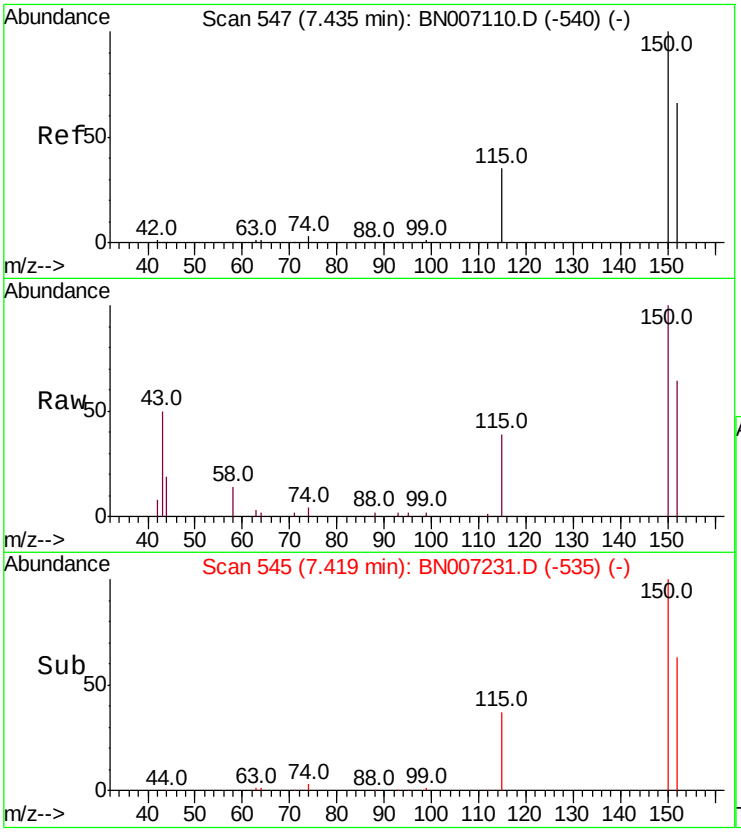
Manual Integrations APPROVED

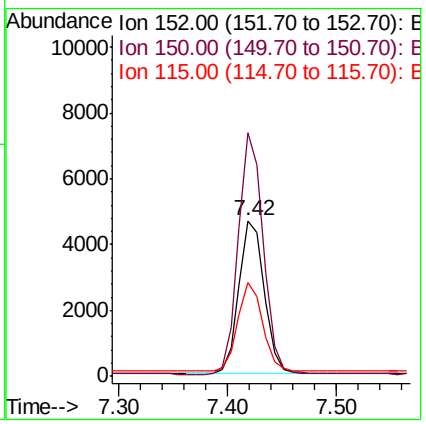




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

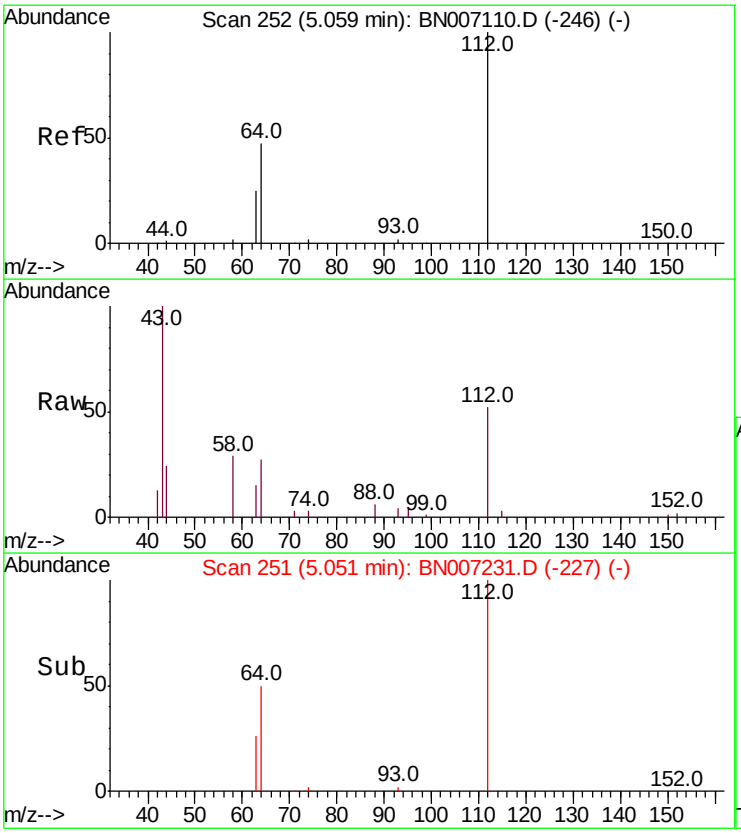
Tgt Ion:152 Resp: 7492

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.7	182.5
115	60.4	46.2	69.4



Instrument :
BNA_N
ClientSampleId :

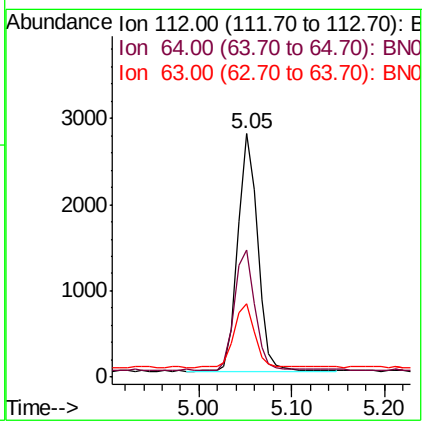
Manual Integrations APPROVED

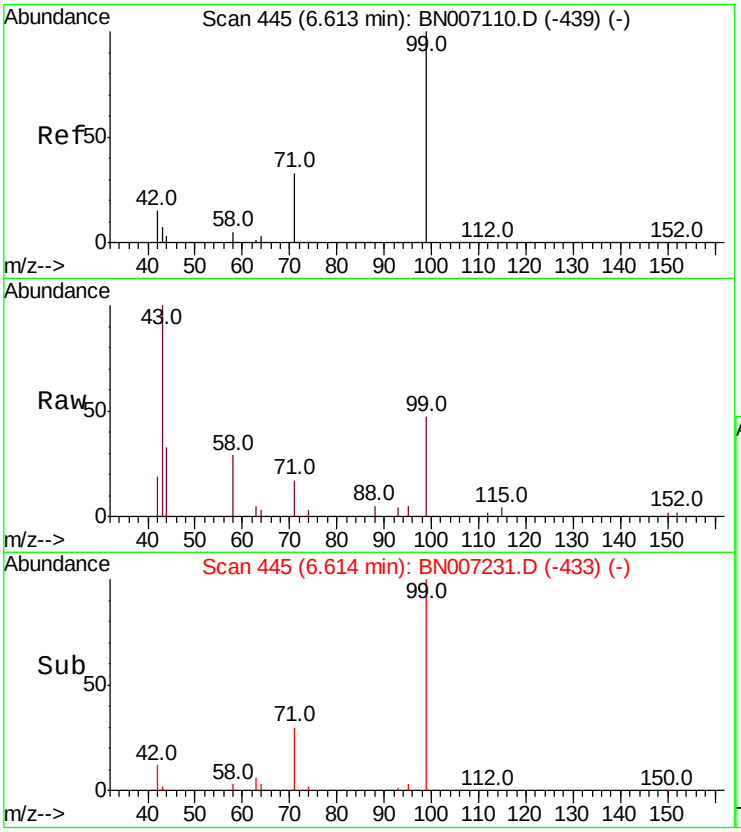


#3
2-Fluorophenol
Concen: 0.225 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

Tgt Ion:112 Resp: 4053

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.6	63.8
63	28.0	22.2	33.2

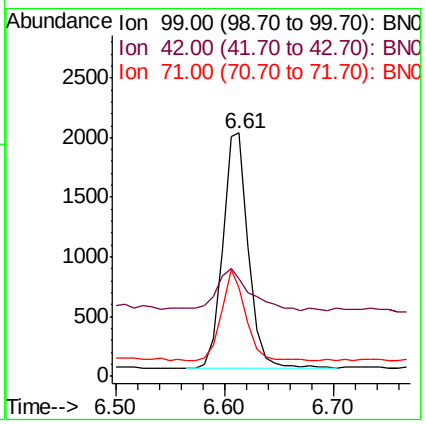




#4
Phenol-d6
Concen: 0.146 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

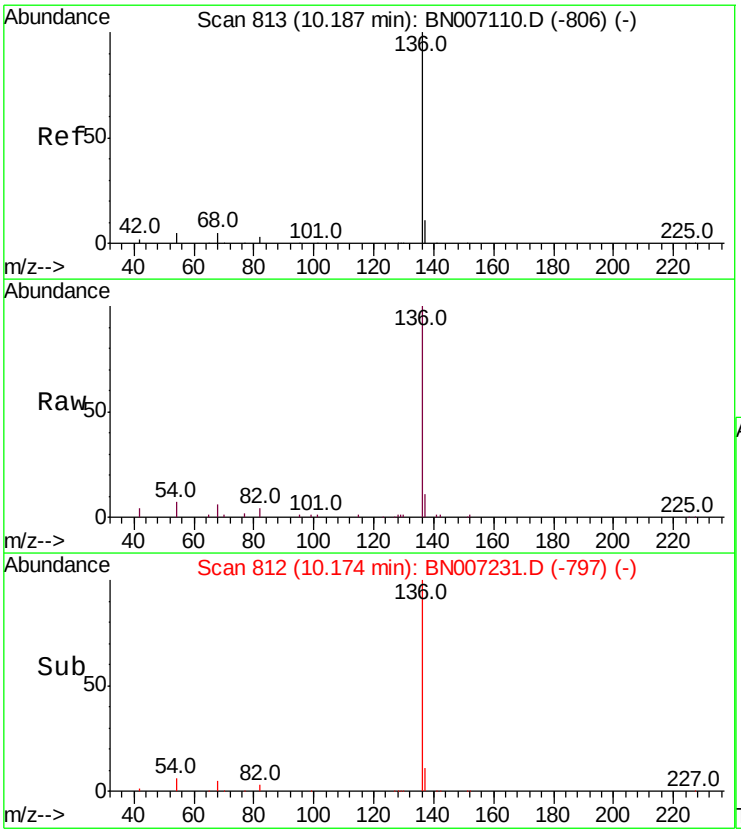
Tgt Ion: 99 Resp: 3247

Ion	Ratio	Lower	Upper
99	100		
42	24.9	15.8	23.6#
71	36.8	27.0	40.4



Instrument :
BNA_N
ClientSampleId :

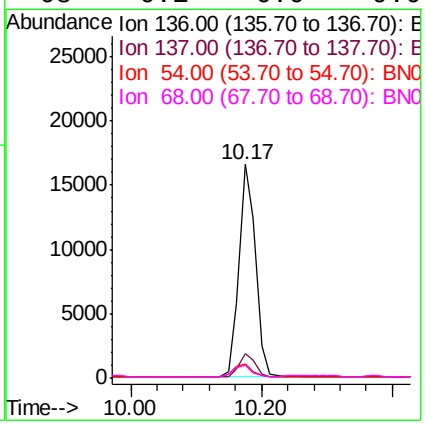
Manual Integrations APPROVED

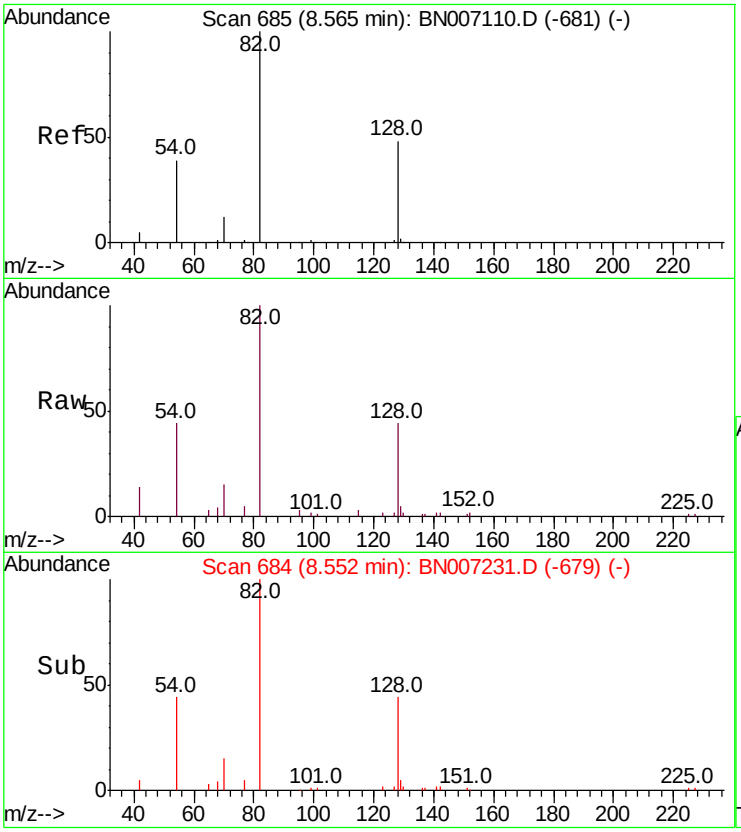


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

Tgt Ion:136 Resp: 29153

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	6.7	6.6	9.8
68	6.1	6.0	9.0

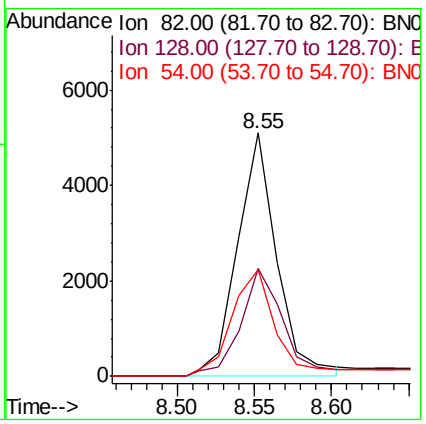




#7
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

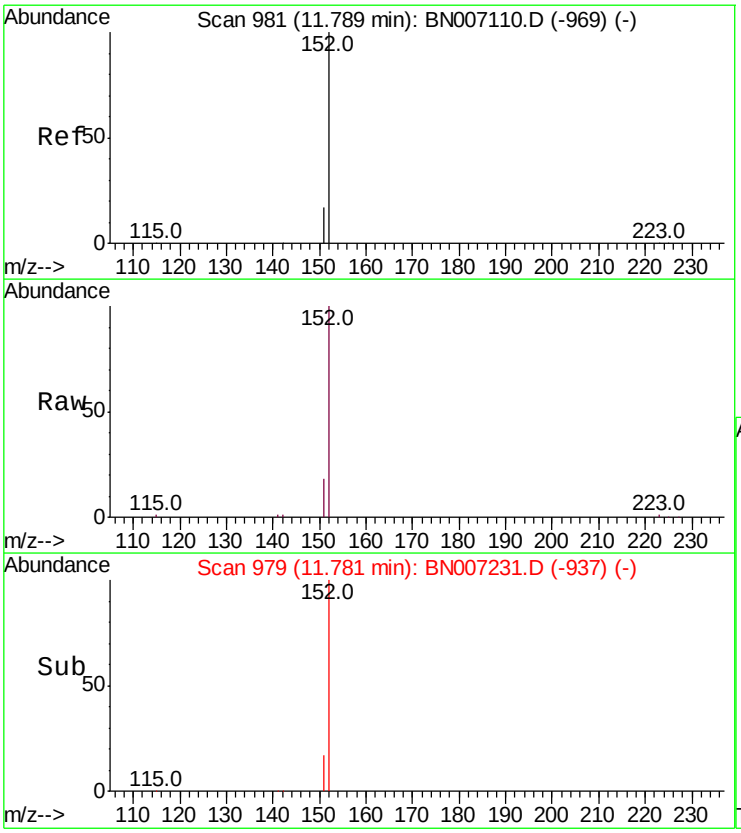
Tgt Ion: 82 Resp: 8727

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	43.7	36.2	54.4



Instrument :
BNA_N
ClientSampleId :

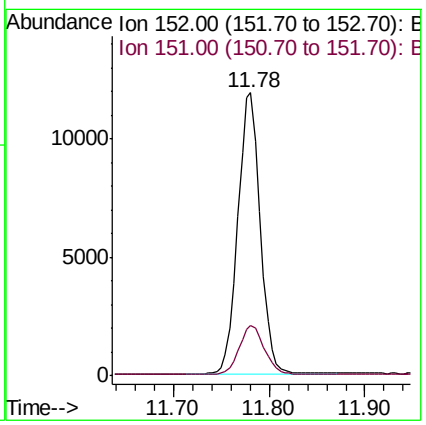
Manual Integrations APPROVED

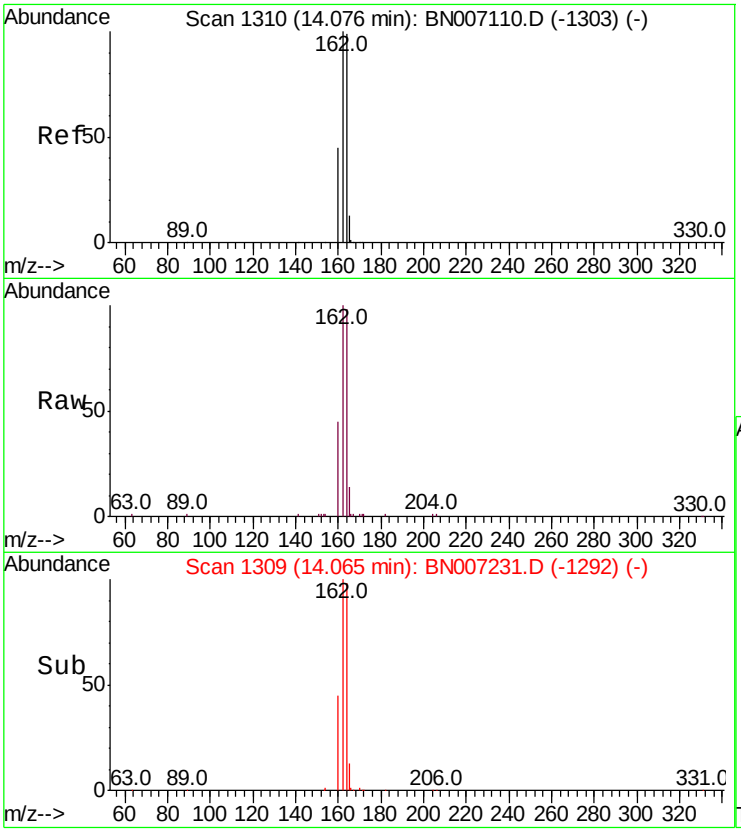


#10
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 11.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

Tgt Ion:152 Resp: 19118

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3

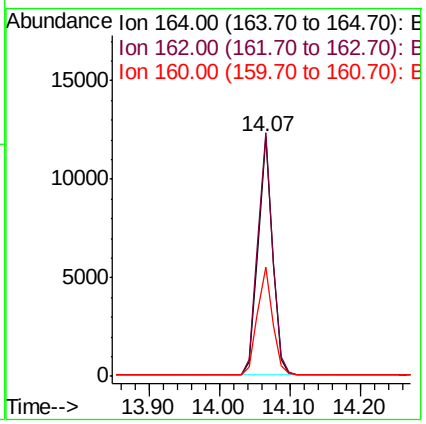




#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

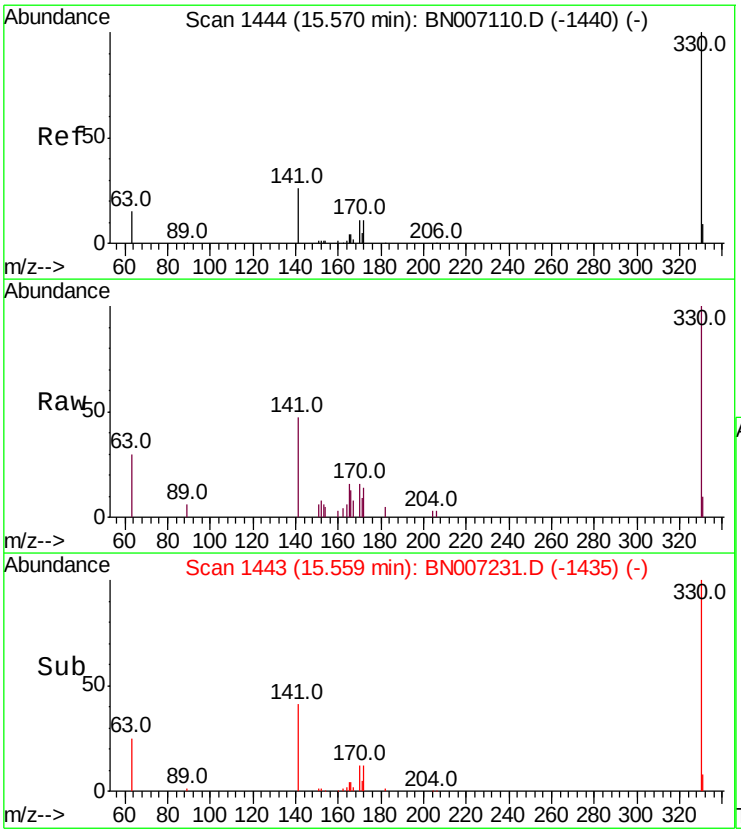
Tgt Ion:164 Resp: 16779

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.4
160	45.7	38.3	57.5



Instrument :
BNA_N
ClientSampleId :

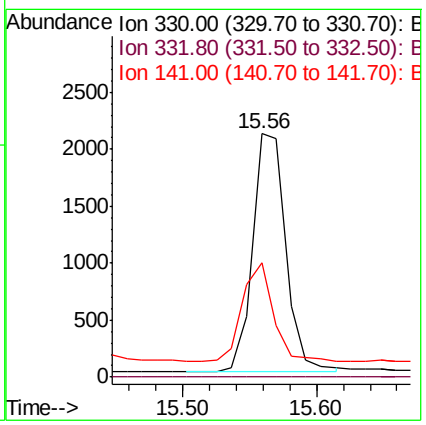
Manual Integrations APPROVED

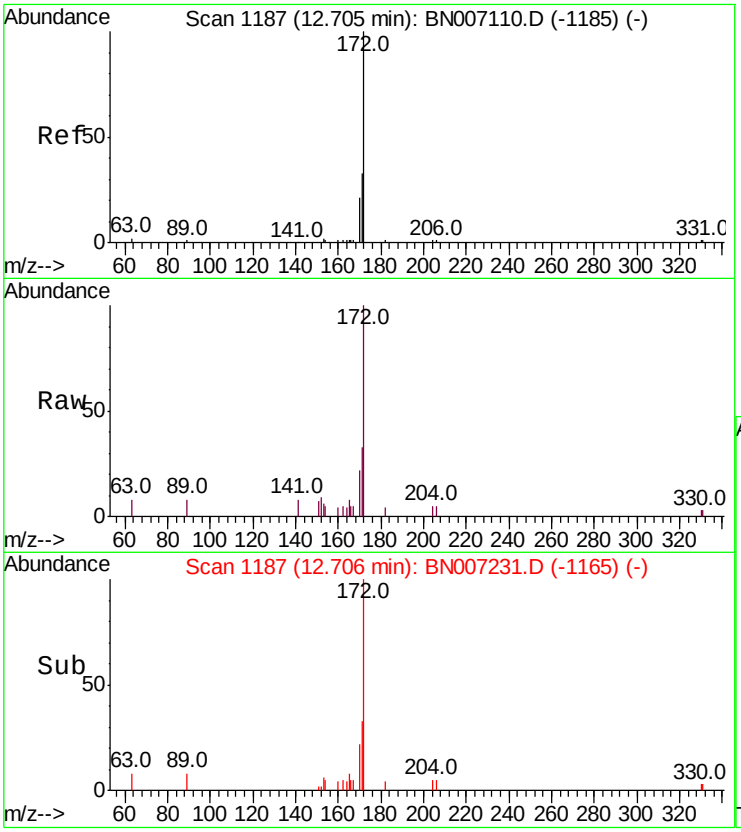


#13
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.56 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

Tgt Ion:330 Resp: 3608

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.1	33.6	50.4

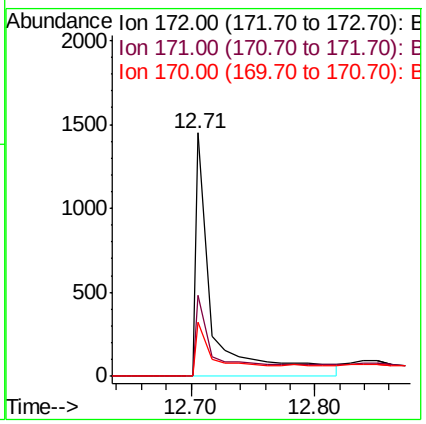




#14
2-Fluorobiphenyl
Concen: 0.062 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

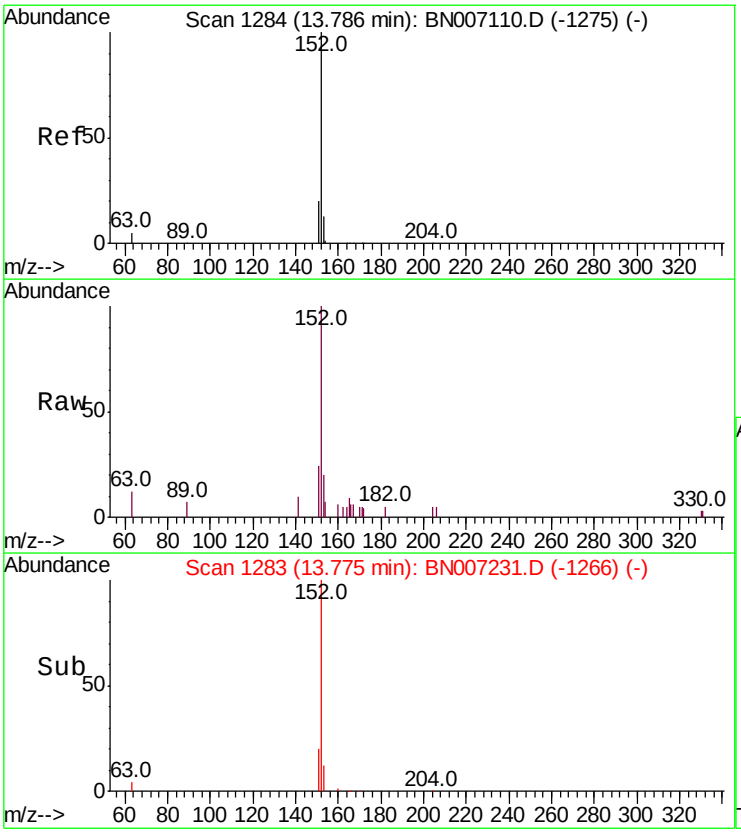
Tgt Ion:172 Resp: 1516

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.3	39.5
170	22.0	17.0	25.4



Instrument :
BNA_N
ClientSampleId :

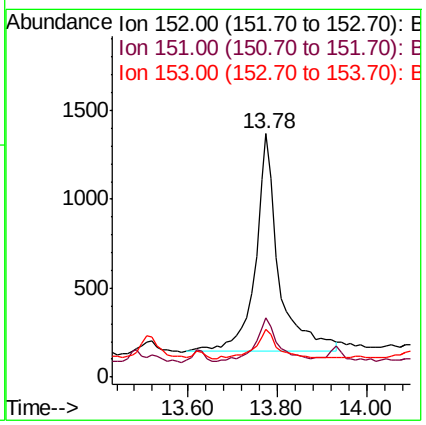
Manual Integrations APPROVED

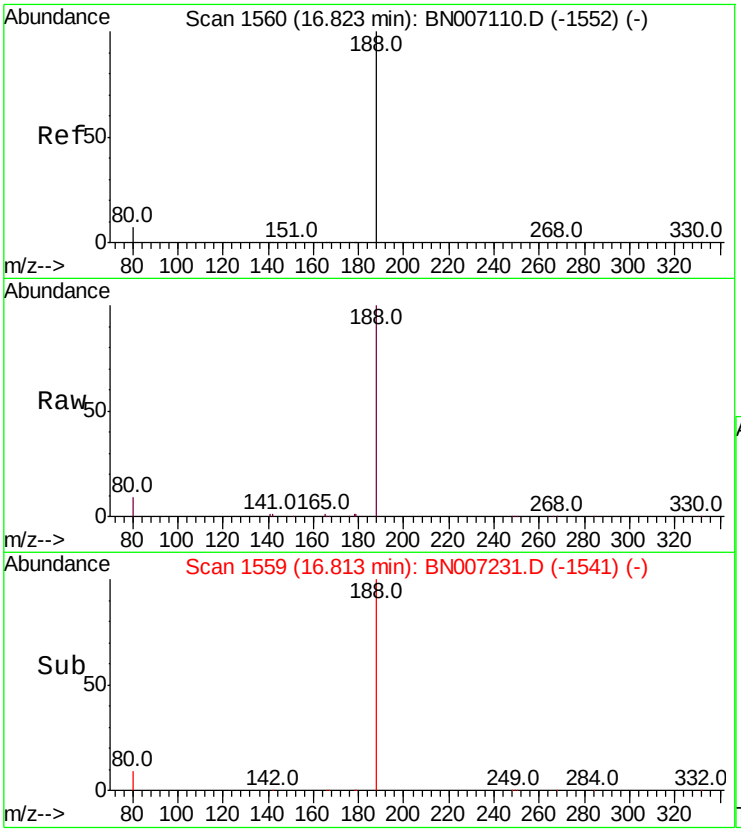


#15
Acenaphthylene
Concen: 0.051 ng
RT: 13.78 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

Tgt Ion:152 Resp: 4484

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.8	23.6
153	12.6	10.4	15.6

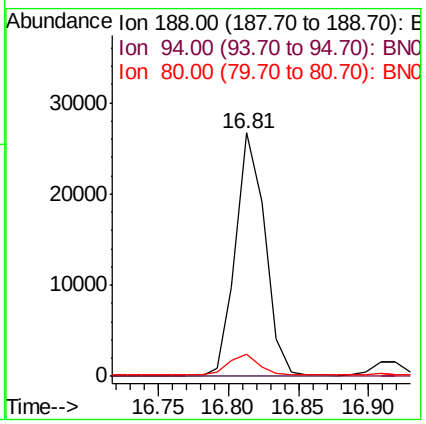




#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

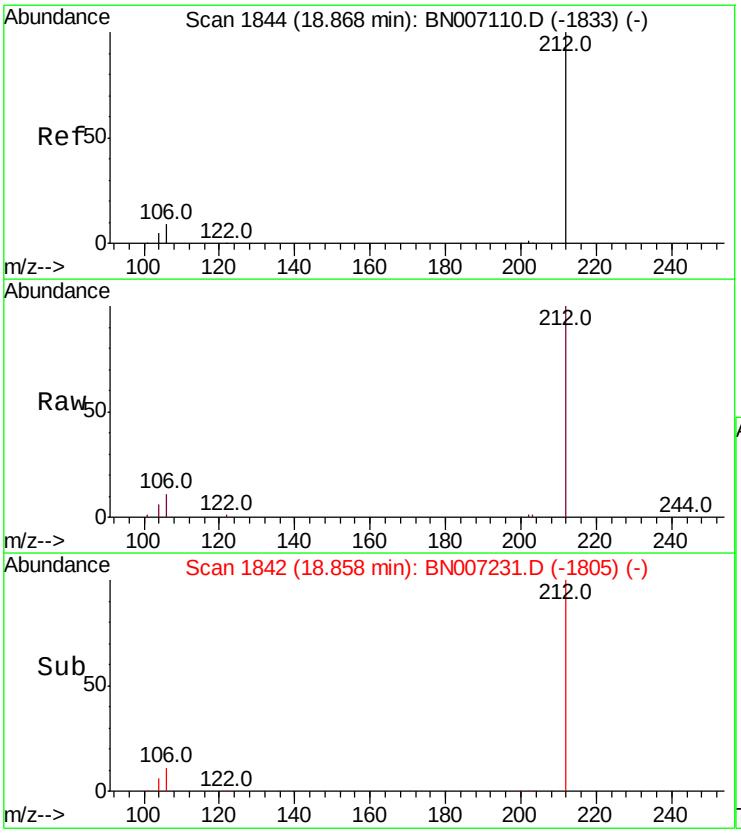
Tgt Ion:188 Resp: 38850

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.8	11.6



Instrument :
BNA_N
ClientSampleId :

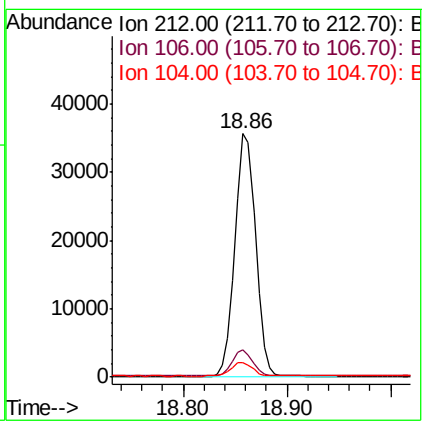
Manual Integrations APPROVED

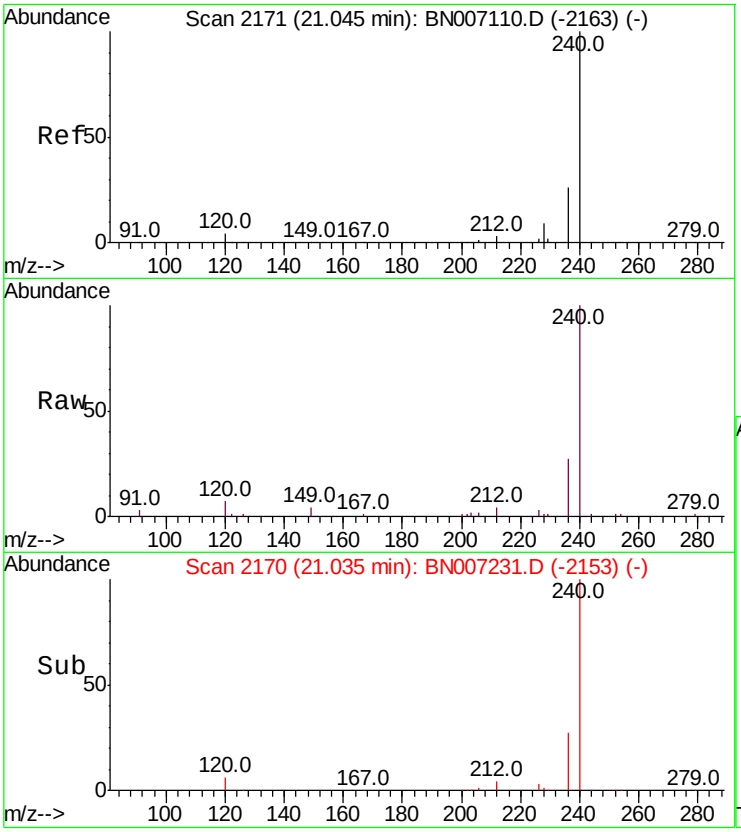


#24
Fluoranthene-d10
Concen: 0.347 ng
RT: 18.86 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

Tgt Ion:212 Resp: 47825

Ion	Ratio	Lower	Upper
212	100		
106	10.6	8.2	12.2
104	5.9	4.5	6.7

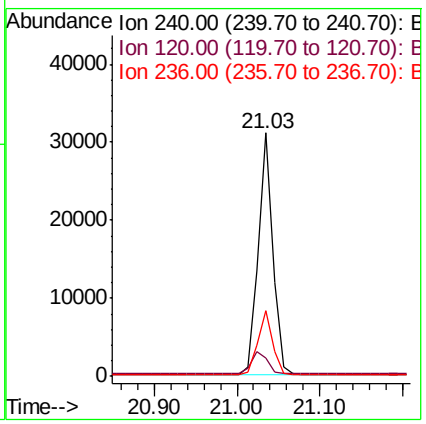




#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

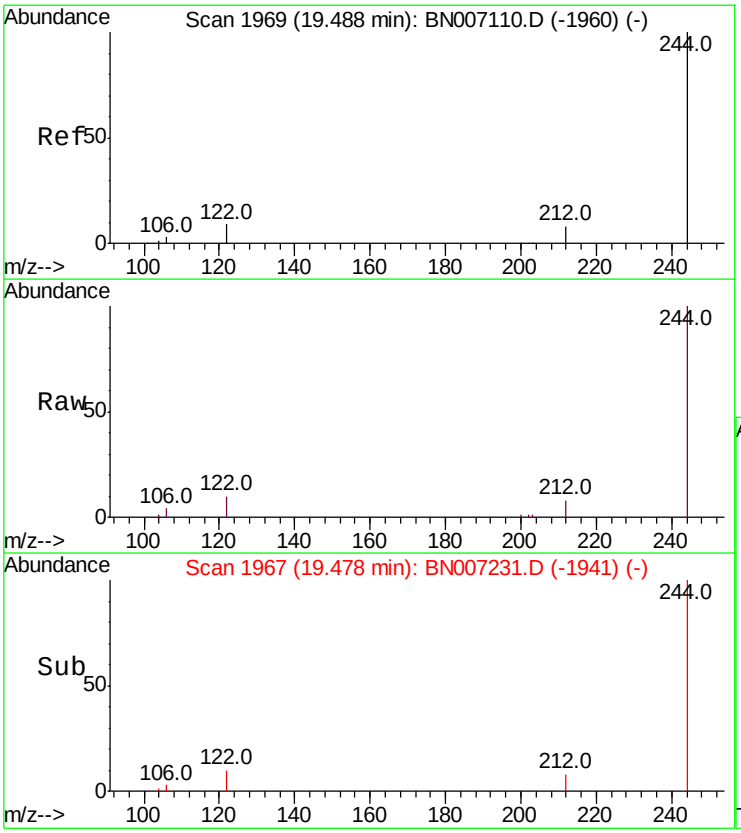
Tgt Ion:240 Resp: 37579

Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.0	6.0#
236	27.2	21.3	31.9



Instrument :
BNA_N
ClientSampleId :

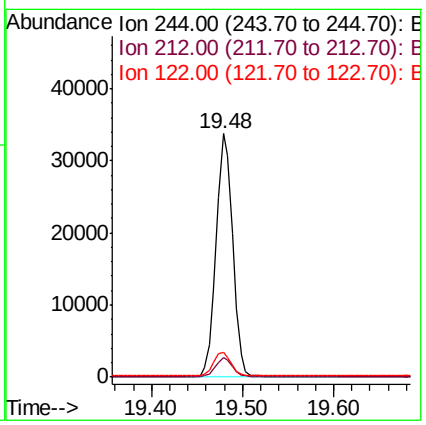
Manual Integrations APPROVED

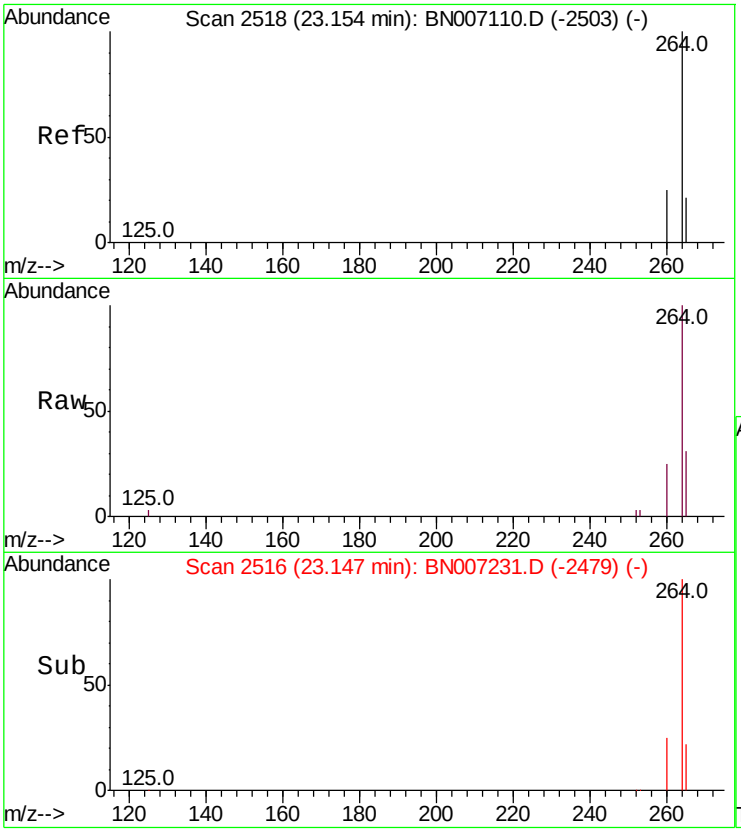


#28
Terphenyl-d14
Concen: 0.409 ng
RT: 19.48 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

Tgt Ion:244 Resp: 41836

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	10.4	7.4	11.2

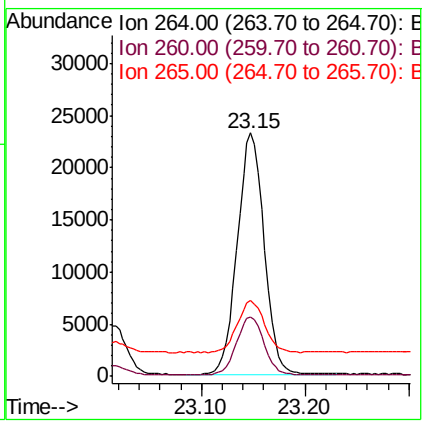




#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

Tgt Ion:264 Resp: 41285

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	31.1	26.2	39.4



Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED