Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
Data File : BN007220.D
Acq On : 16 Aug 2019 13:24
Operator : HP/JU
Sample : PB122017BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED

Quant Time: Aug 17 01:23:47 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	7125	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	25859	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	14065	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	34664	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	35326	0.40	ng	-0.02
32) Perylene-d12	23.15	264	40049	0.40	ng	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.05	112	6127	0.36	ng	0.00
4) Phenol-d6	6.61	99	7997	0.38	ng	0.00
7) Nitrobenzene-d5	8.55	82	6983	0.33	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	14834	0.31	ng	-0.01
13) 2,4,6-Tribromophenol	15.57	330	1272	0.17	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	1420	0.07	ng	0.00
24) Fluoranthene-d10	18.86	212	39687	0.32	ng	-0.01
28) Terphenyl-d14	19.48	244	31869	0.33	ng	-0.02
Target Compounds						Qvalue

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

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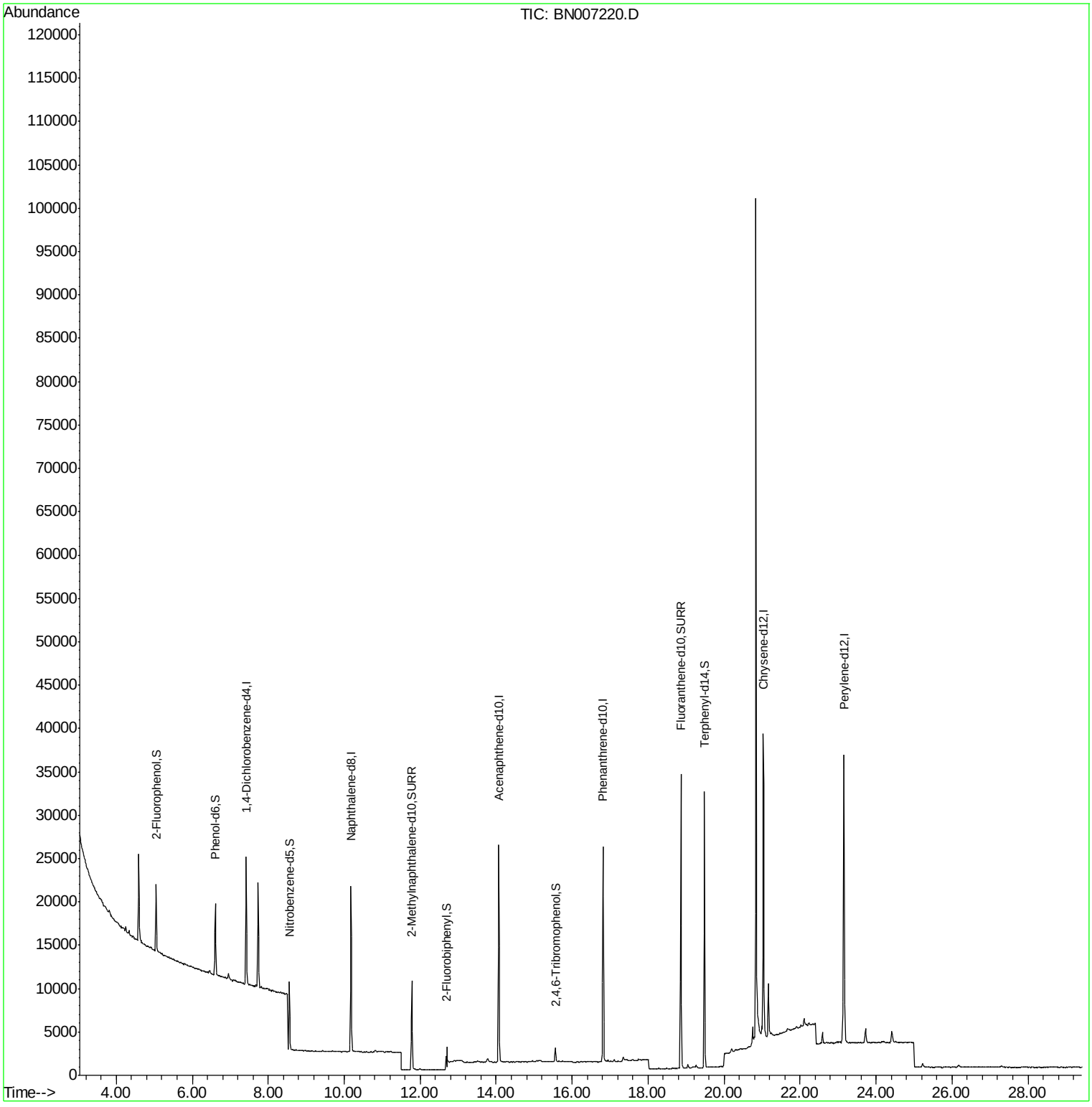
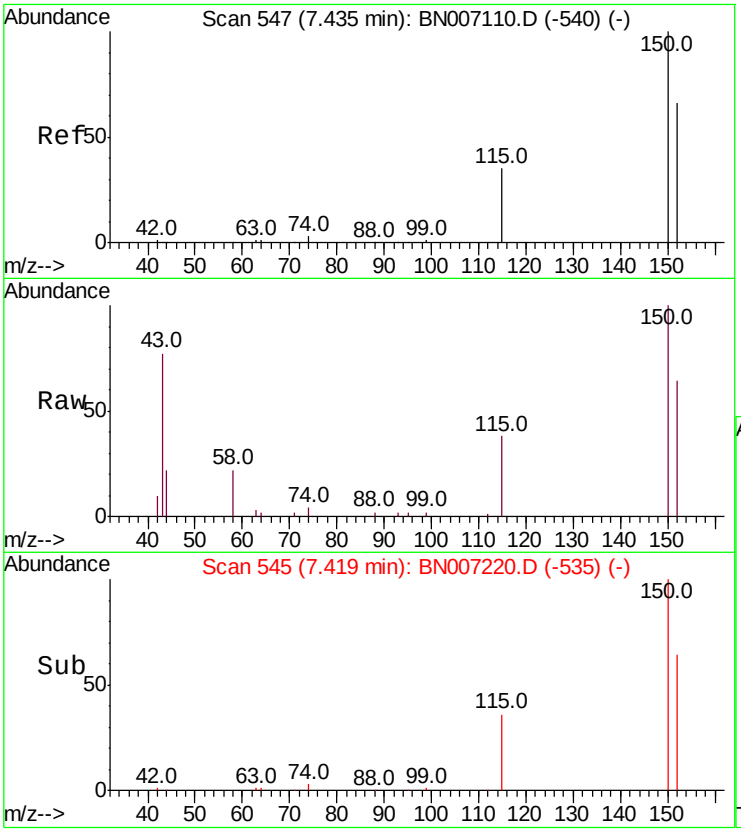
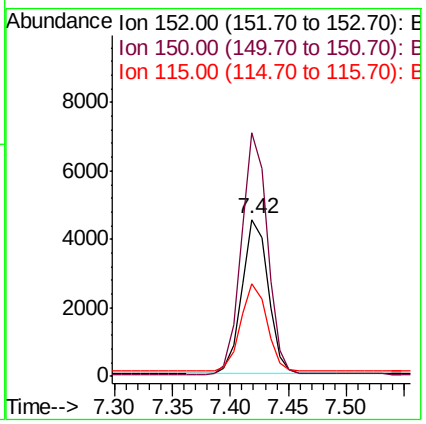




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

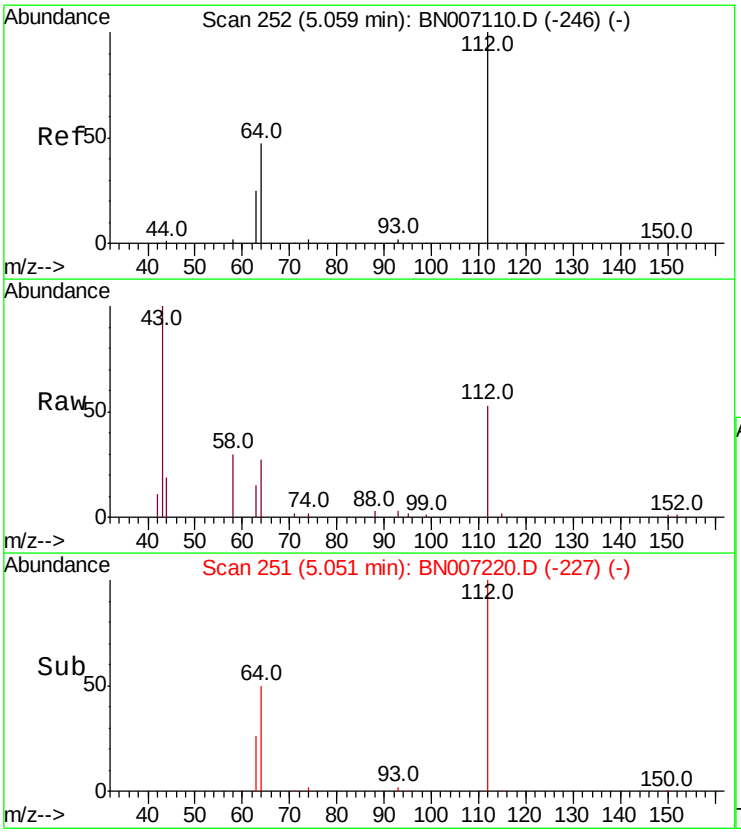
Tgt Ion:152 Resp: 7125

Ion	Ratio	Lower	Upper
152	100		
150	155.4	121.7	182.5
115	59.1	46.2	69.4



Instrument :
BNA_N
ClientSampleId :

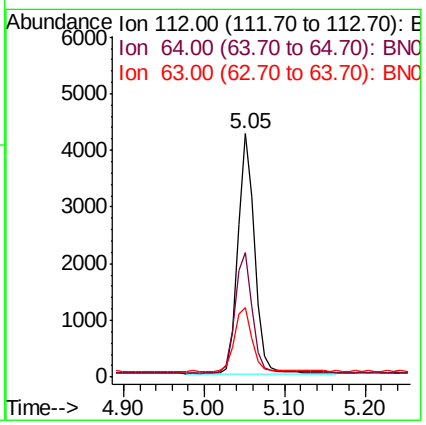
Manual Integrations APPROVED

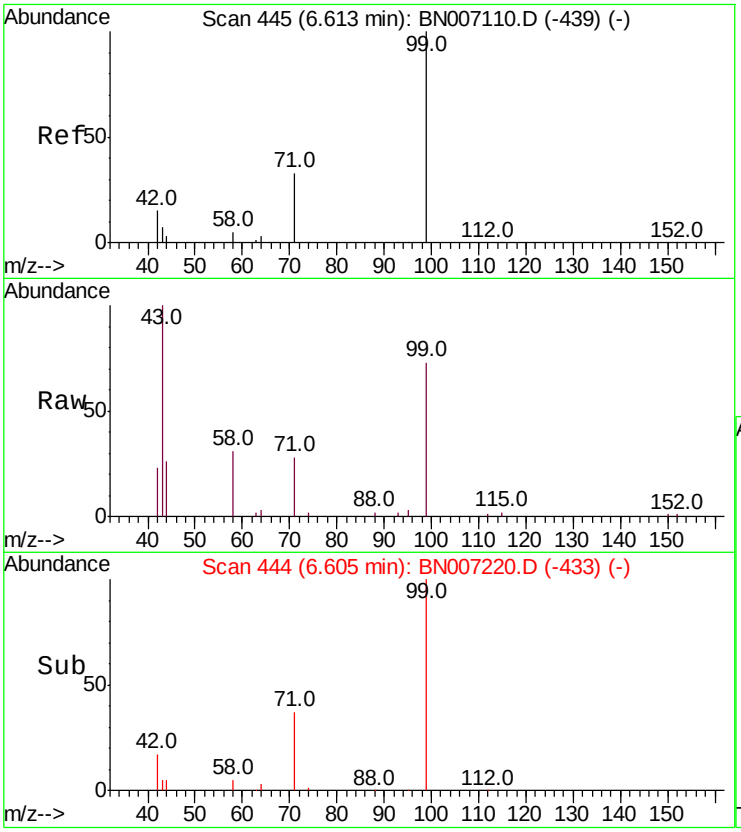


#3
2-Fluorophenol
Concen: 0.358 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

Tgt Ion:112 Resp: 6127

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.6	63.8
63	28.1	22.2	33.2

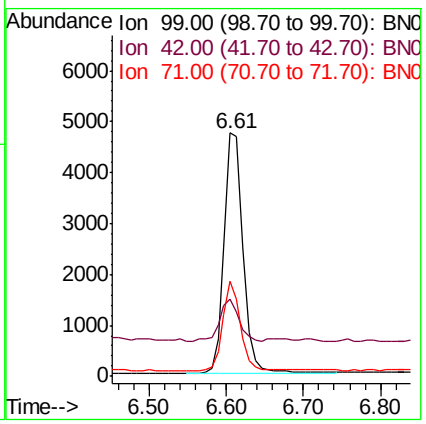




#4
Phenol-d6
Concen: 0.377 ng
RT: 6.61 min Scan# 444
Delta R.T. -0.01 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

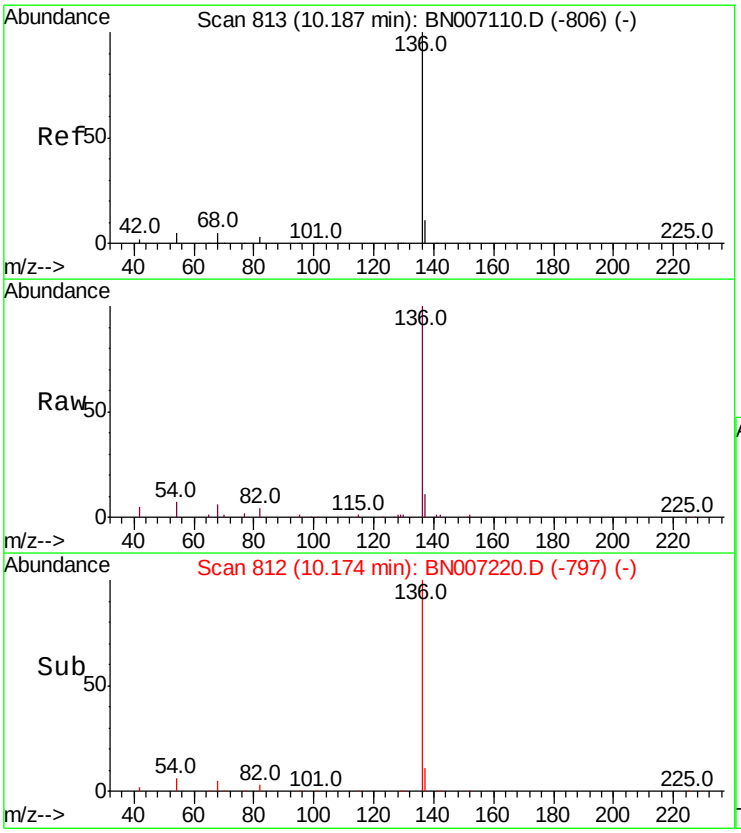
Tgt Ion: 99 Resp: 7997

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.8	23.6
71	34.8	27.0	40.4



Instrument :
BNA_N
ClientSampleId :

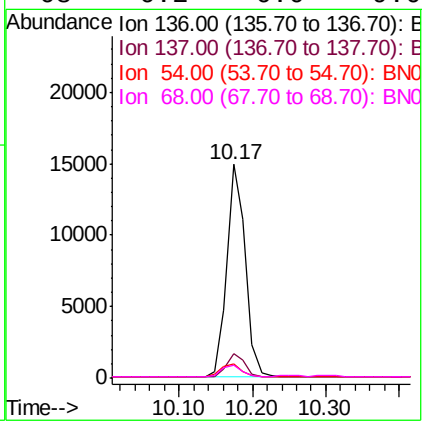
Manual Integrations APPROVED

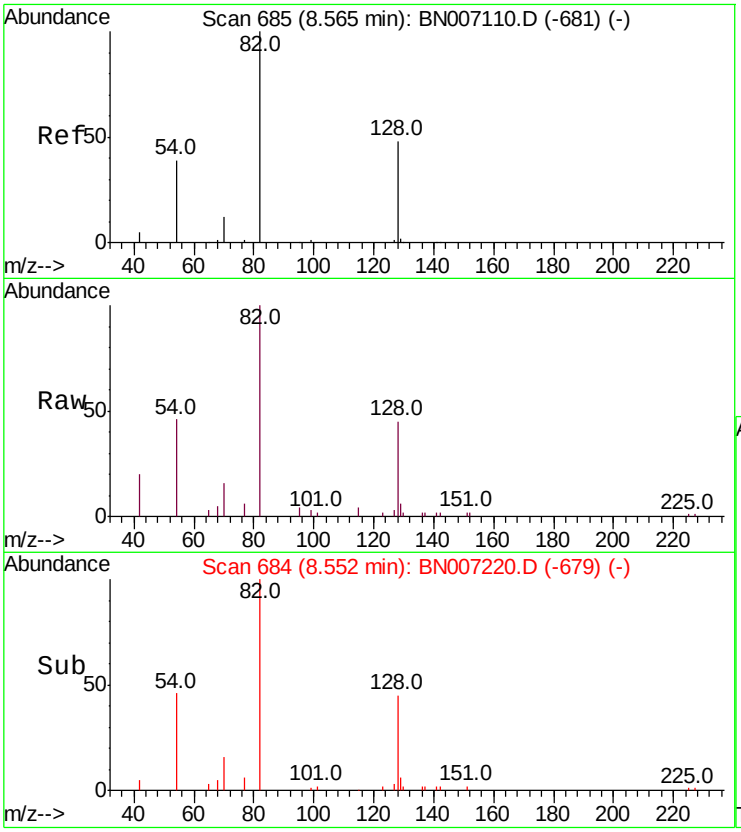


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

Tgt Ion:136 Resp: 25859

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	6.9	6.6	9.8
68	6.2	6.0	9.0

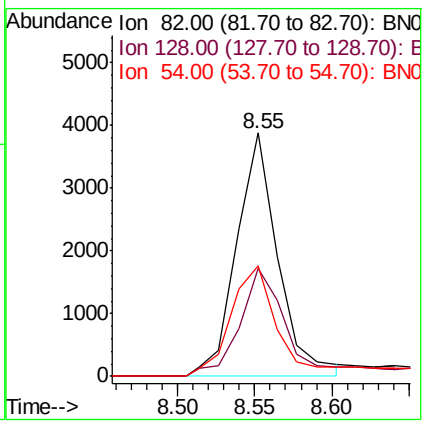




#7
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

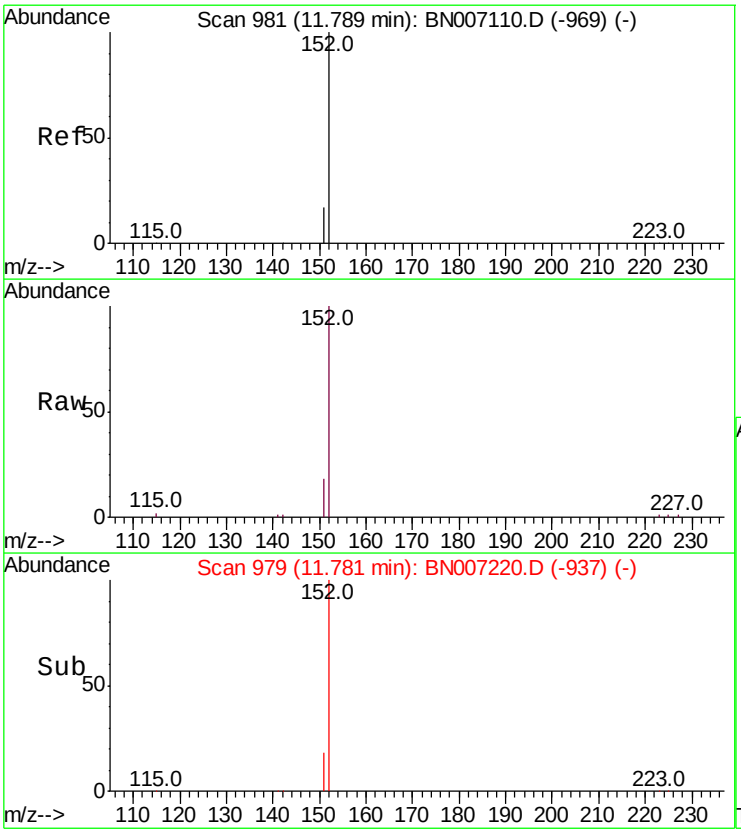
Tgt Ion: 82 Resp: 6983

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	45.5	36.2	54.4



Instrument :
BNA_N
ClientSampleId :

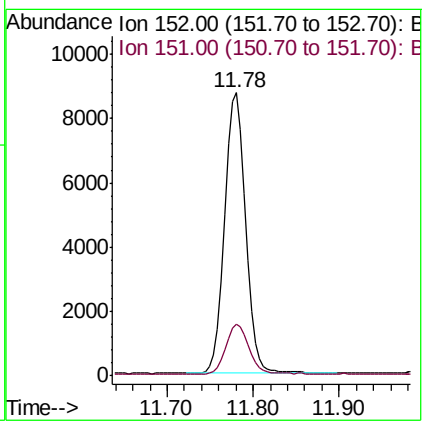
Manual Integrations APPROVED

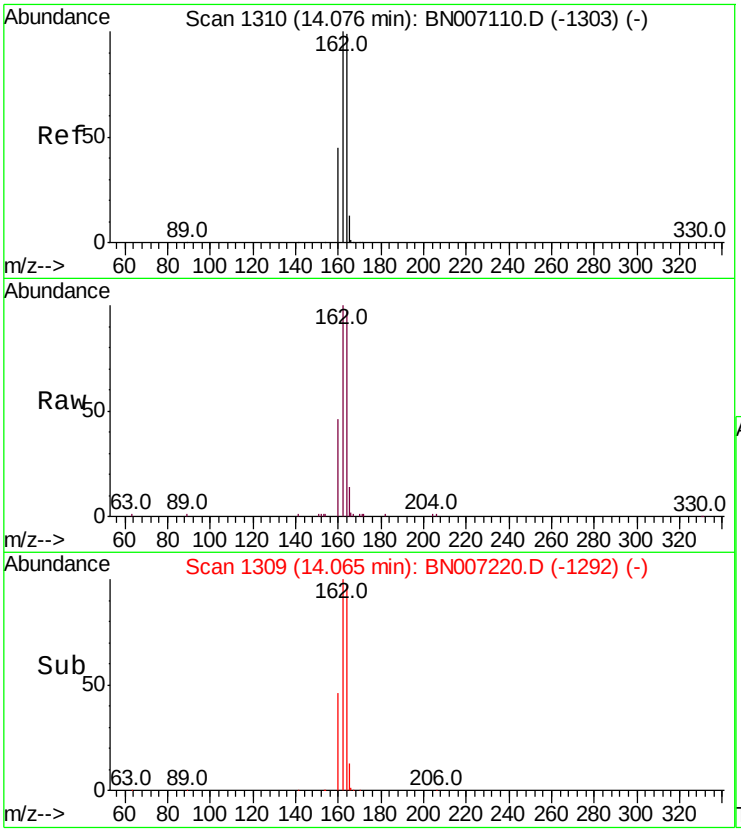


#10
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

Tgt Ion:152 Resp: 14834

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3

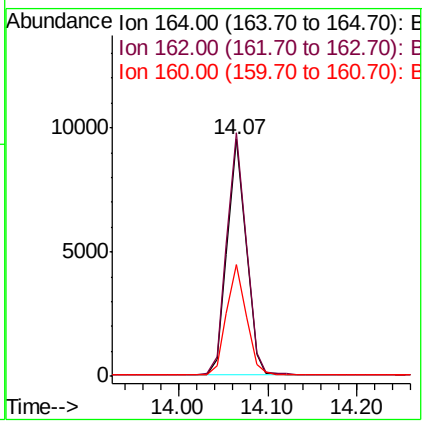




#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

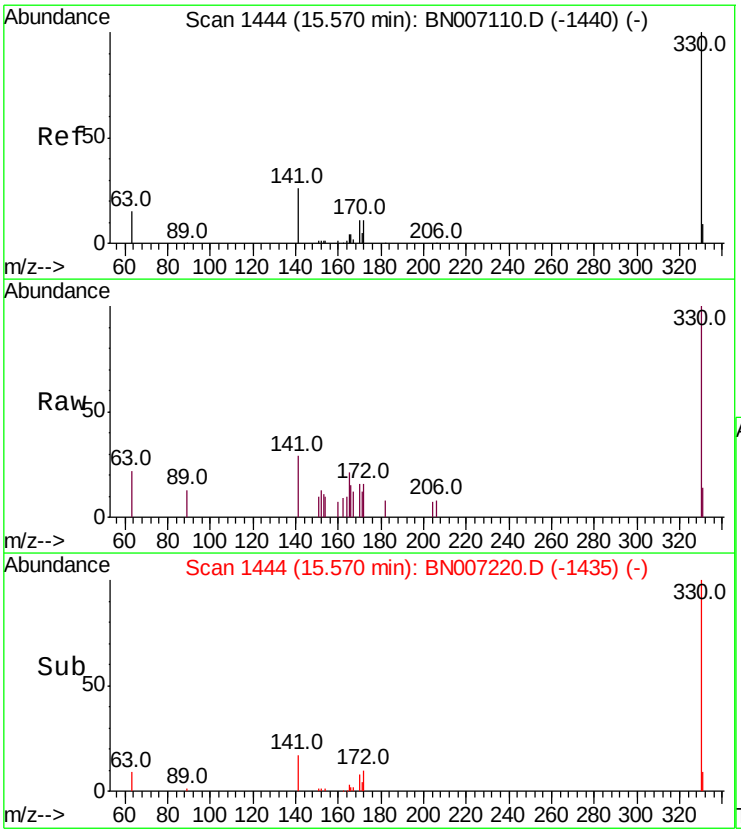
Tgt Ion:164 Resp: 14065

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.4
160	47.2	38.3	57.5



Instrument :
BNA_N
ClientSampleId :

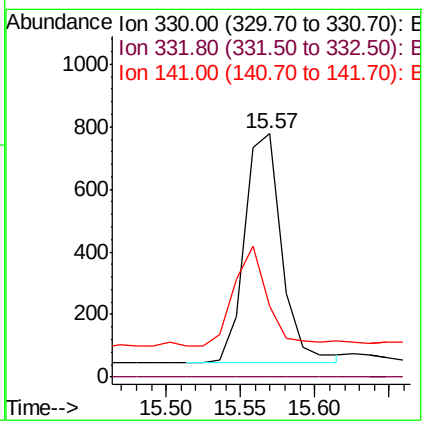
Manual Integrations APPROVED

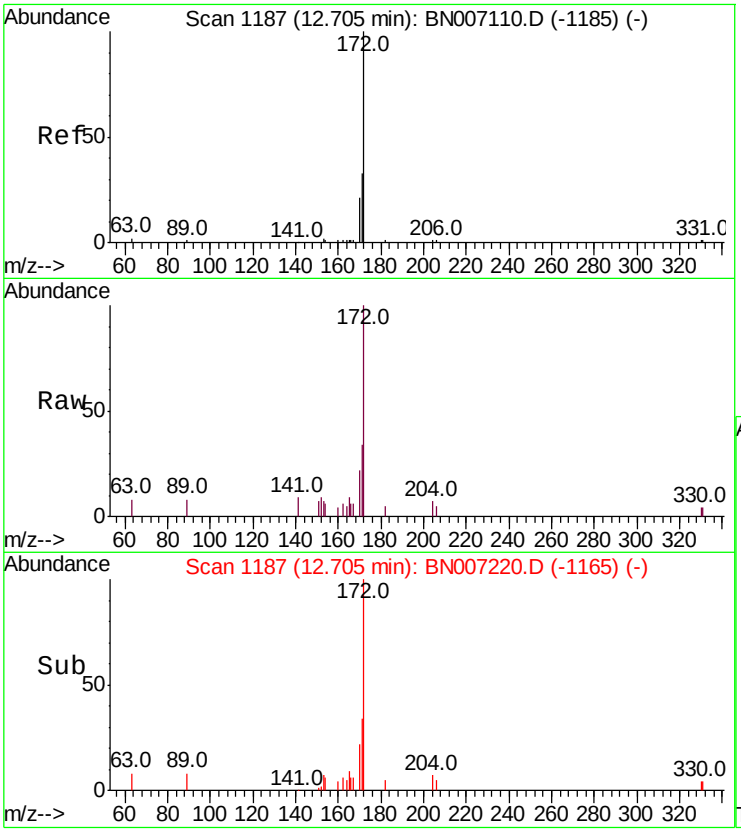


#13
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

Tgt Ion:330 Resp: 1272

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.7	33.6	50.4

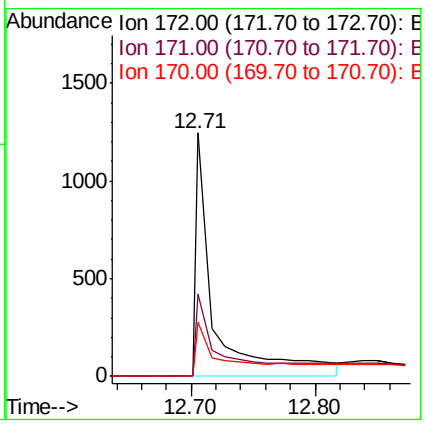




#14
2-Fluorobiphenyl
Concen: 0.069 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

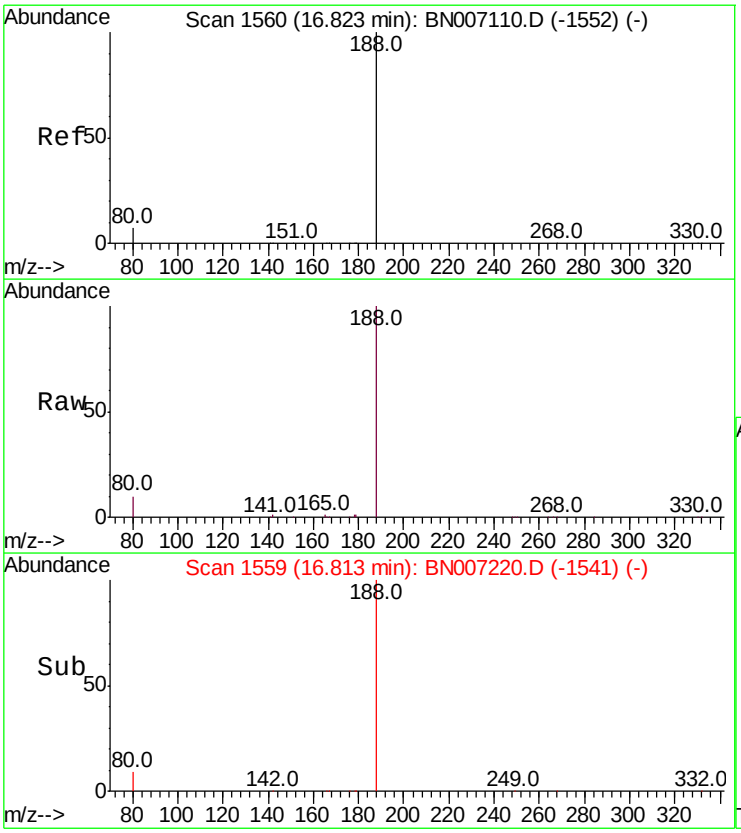
Tgt Ion:172 Resp: 1420

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.3	39.5
170	22.2	17.0	25.4



Instrument :
BNA_N
ClientSampleId :

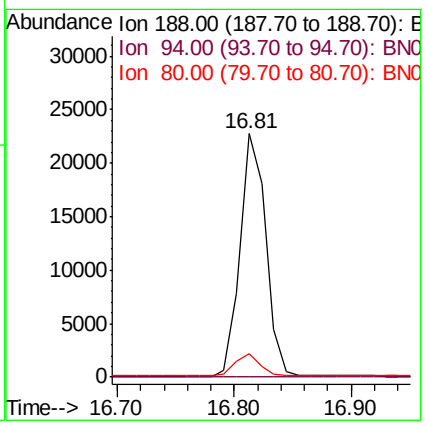
Manual Integrations APPROVED

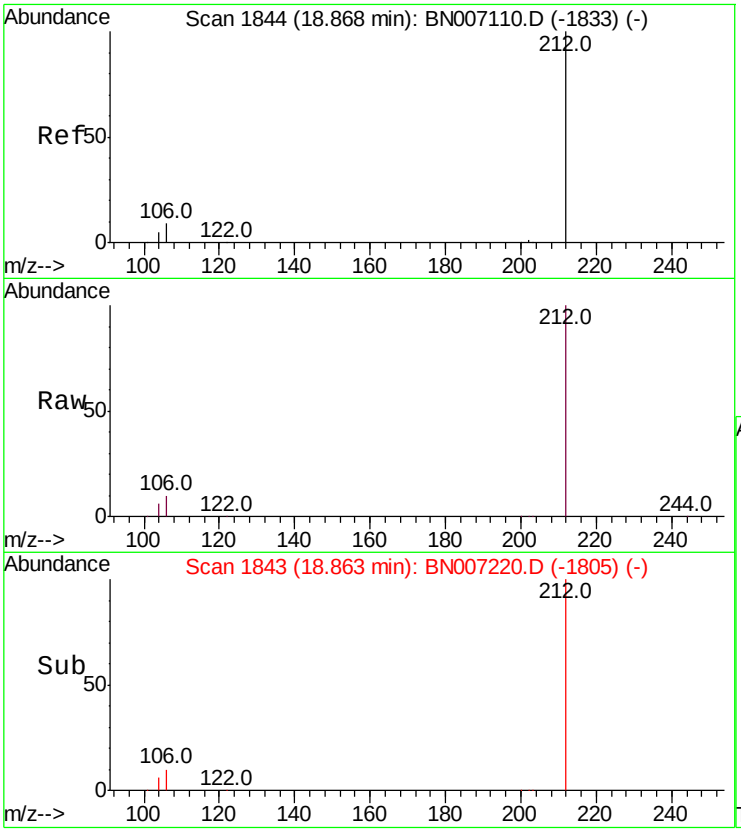


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

Tgt Ion:188 Resp: 34664

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.8	11.6

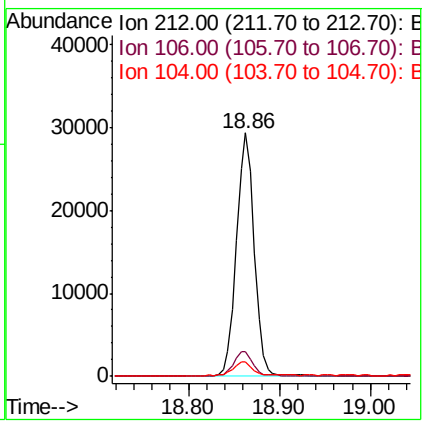




#24
Fluoranthene-d10
Concen: 0.323 ng
RT: 18.86 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

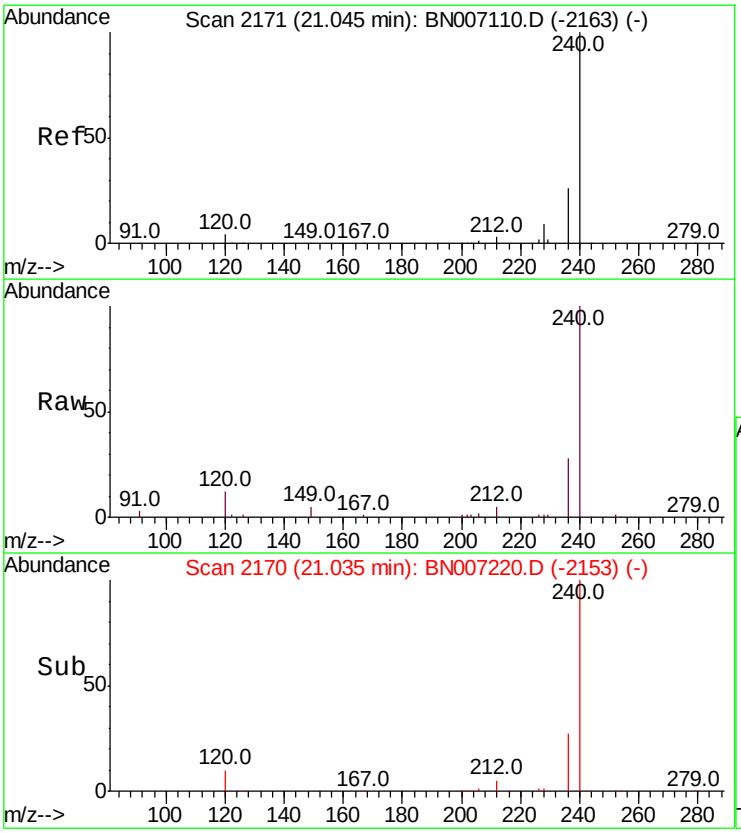
Tgt Ion:212 Resp: 39687

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.2
104	5.7	4.5	6.7



Instrument :
BNA_N
ClientSampleId :

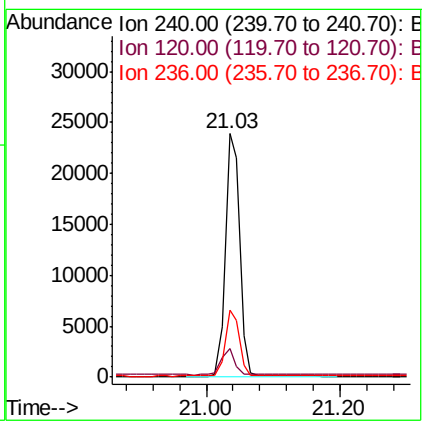
Manual Integrations APPROVED

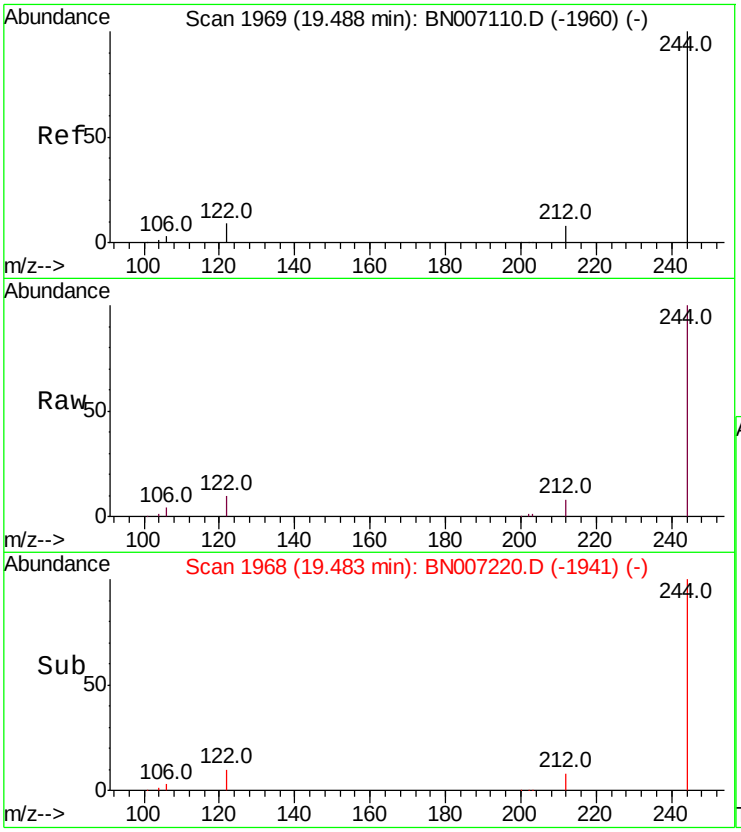


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

Tgt Ion:240 Resp: 35326

Ion	Ratio	Lower	Upper
240	100		
120	11.6	4.0	6.0#
236	27.6	21.3	31.9

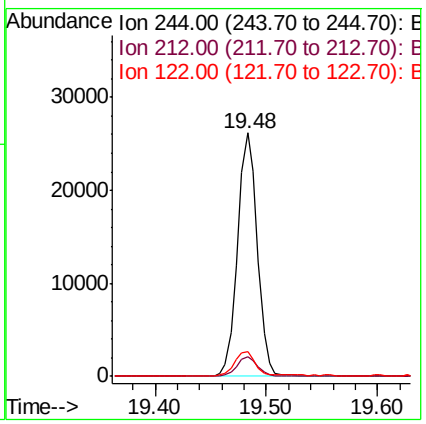




#28
Terphenyl-d14
Concen: 0.331 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

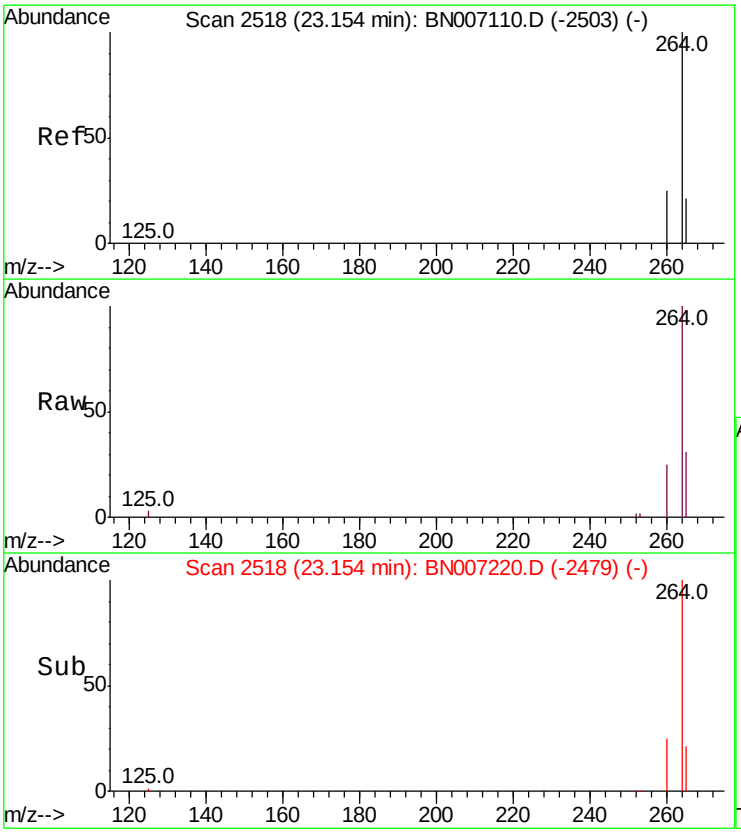
Tgt Ion:244 Resp: 31869

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	9.9	7.4	11.2



Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED



#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

Tgt Ion:264 Resp: 40049

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	30.8	26.2	39.4