Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018842.D
Acq On : 18 Feb 2019 17:23
Operator : JU/SJ
Sample : K1518-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

Manual Integrations APPROVED
Sohil
2/19/2019 10:03:10 AM

Quant Time: Feb 19 01:34:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	306738	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1243280	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	651299	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1398728	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1088510	20.00	ng	0.00
87) Perylene-d12	23.56	264	1013724	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2339765	124.98	ng	0.00
7) Phenol-d6	6.88	99	3262123	123.69	ng	0.00
23) Nitrobenzene-d5	8.87	82	2060102	76.62	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1081989	115.25	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3978056	81.08	ng	-0.01
79) Terphenyl-d14	19.74	244	5043481	95.58	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.90	94	100371	3.617	ng	83
50) Dimethylphthalate	13.82	163	260135	4.793	ng	100
78) Pyrene	19.53	202	140635	2.225	ng	99
88) Benzo(b)fluoranthene	22.87	252	122641m	2.115	ng	

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

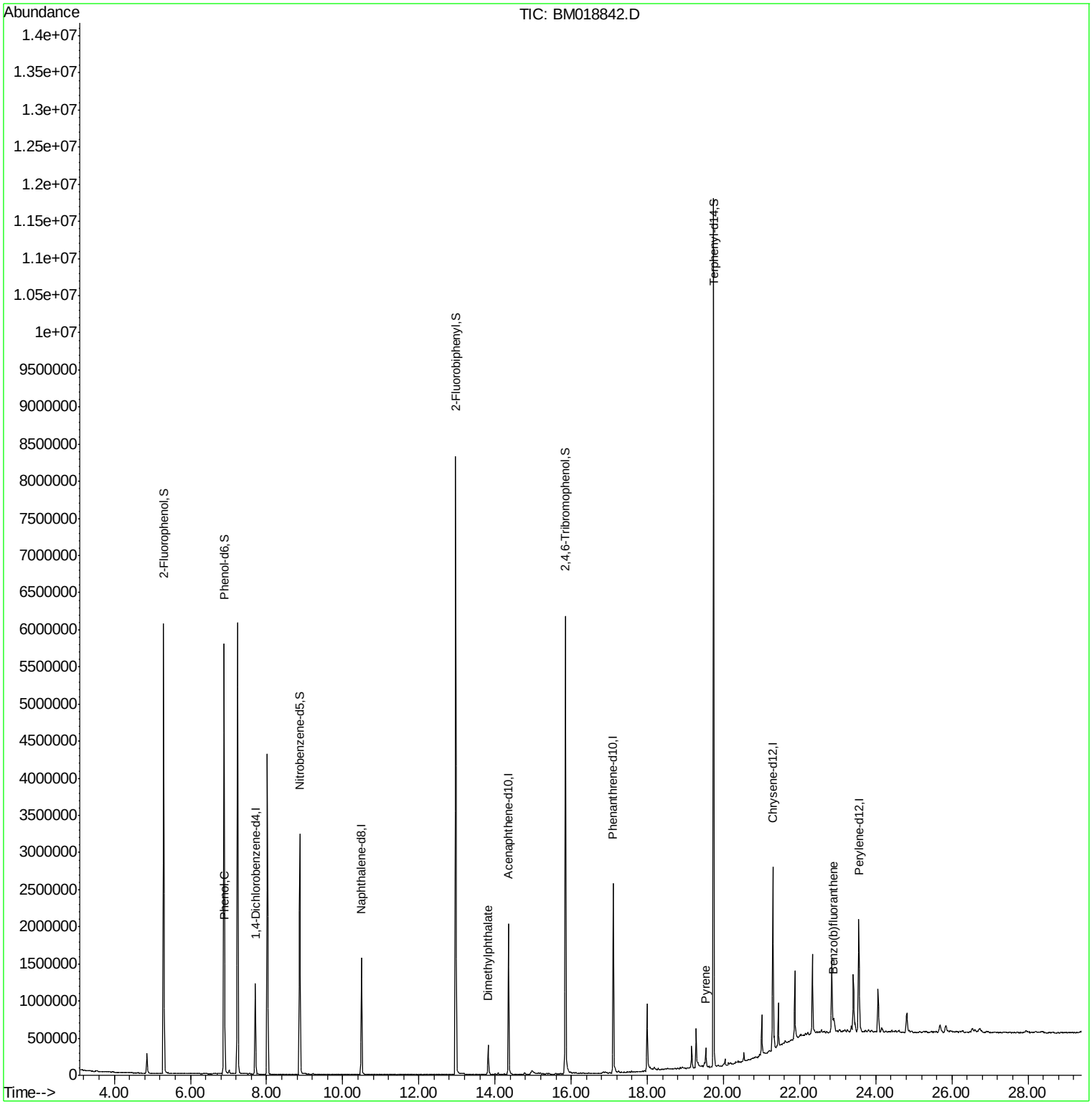
Quantitation Report (LSC Reviewed)

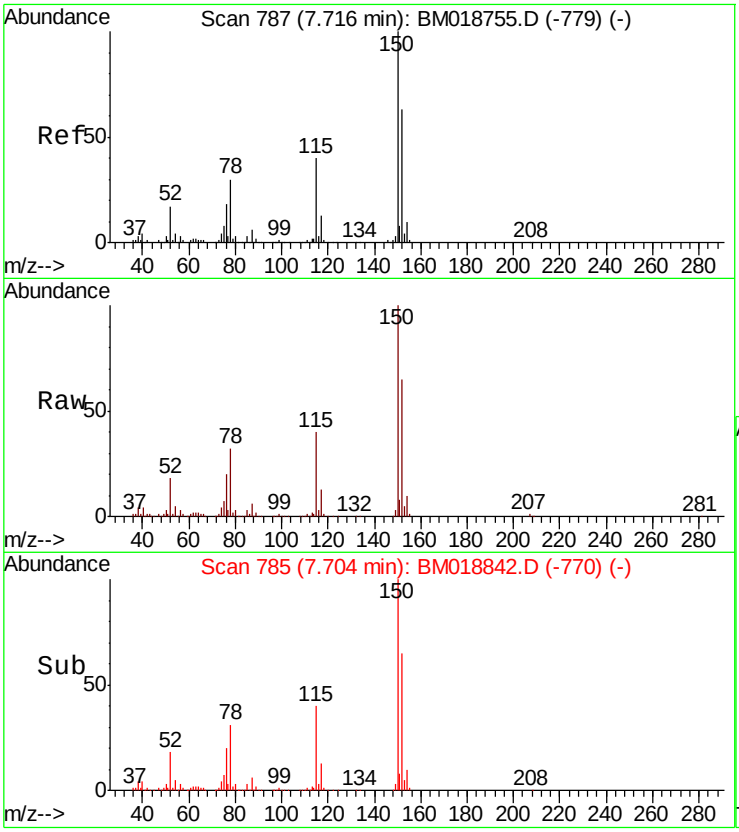
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018842.D
Acq On : 18 Feb 2019 17:23
Operator : JU/SJ
Sample : K1518-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 19 01:34:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

Manual Integrations APPROVED
Sohil
2/19/2019 10:03:10 AM

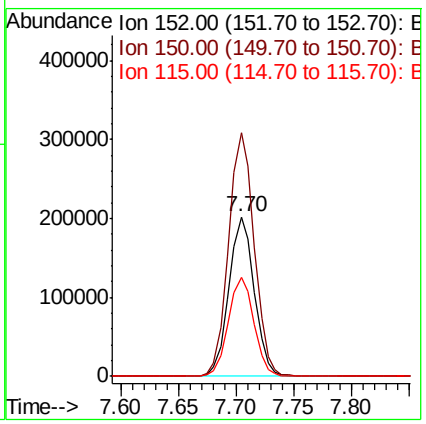




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

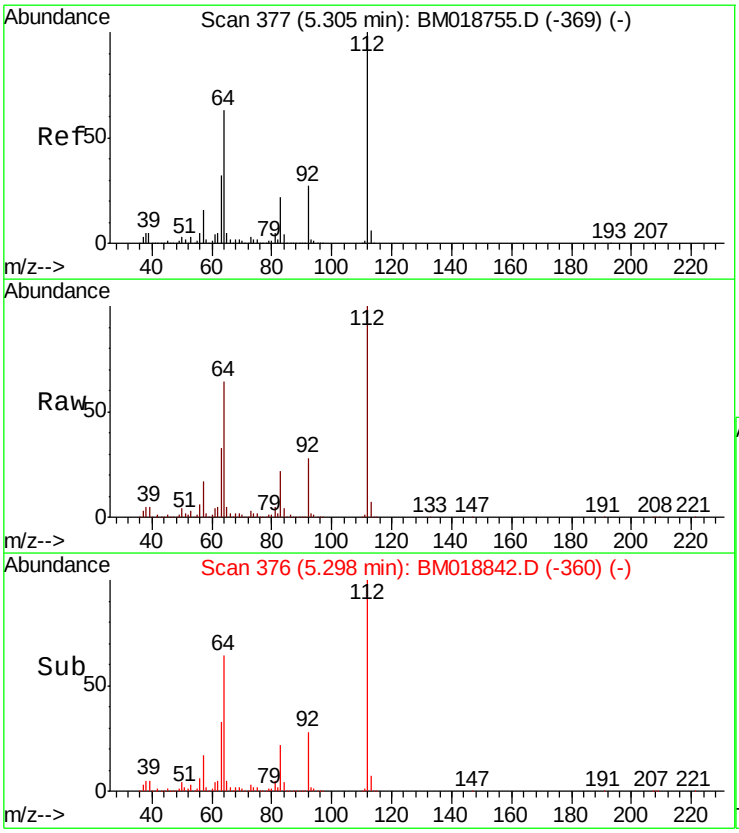
Tgt Ion:152 Resp: 306738

Ion	Ratio	Lower	Upper
152	100		
150	152.7	127.3	190.9
115	61.8	50.8	76.2



Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

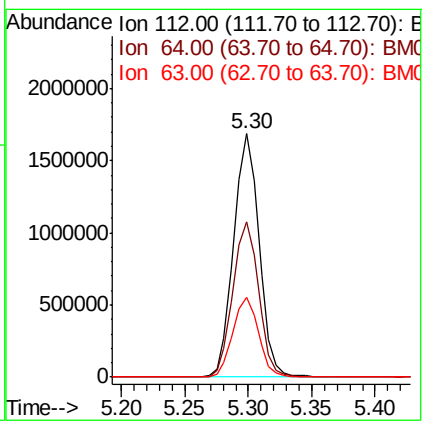
Manual Integrations APPROVED
Sohil
2/19/2019 10:03:10 AM

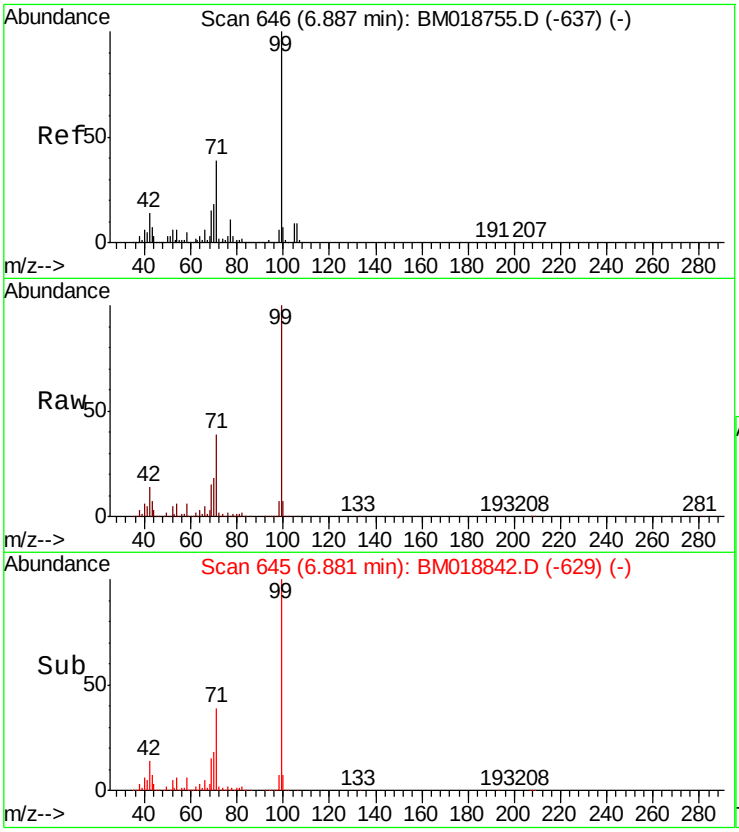


#5
2-Fluorophenol
Concen: 124.981 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

Tgt Ion:112 Resp: 2339765

Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.6	75.8
63	33.0	25.7	38.5

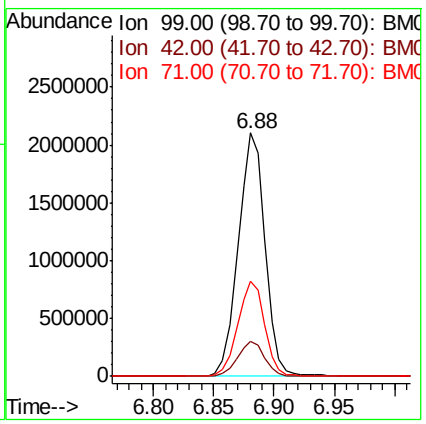




#7
Phenol-d6
Concen: 123.691 ng
RT: 6.88 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

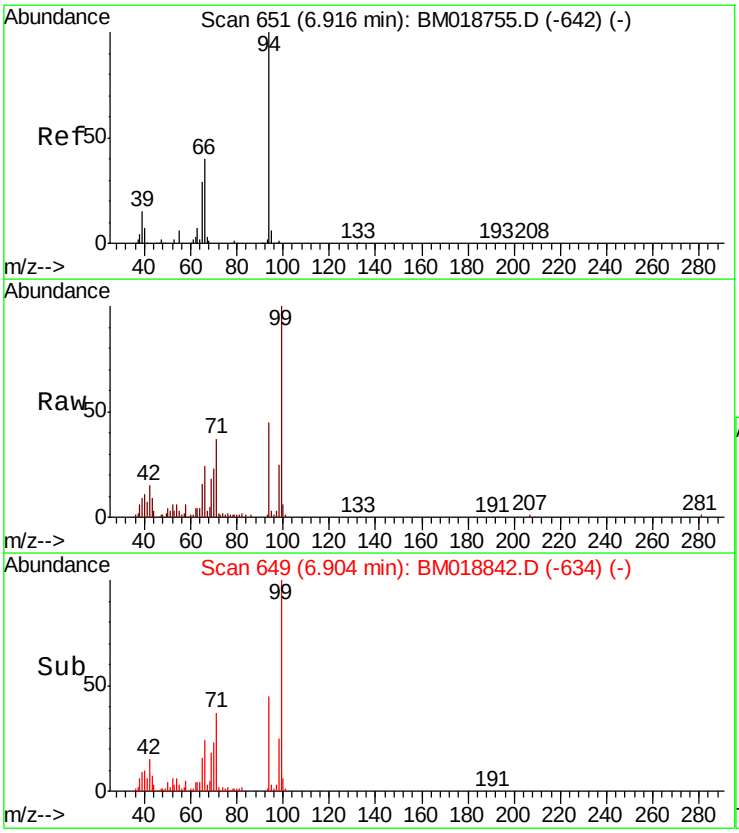
Tgt Ion: 99 Resp: 3262123

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.6
71	39.2	31.3	46.9



Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

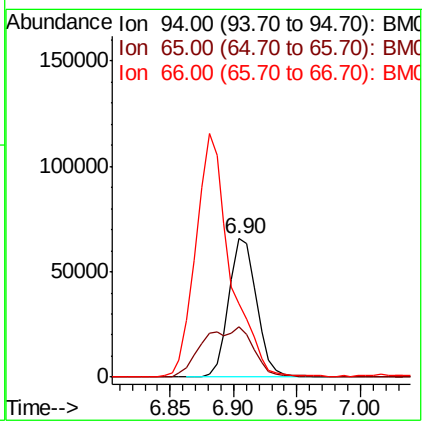
Manual Integrations APPROVED
Sohil
2/19/2019 10:03:10 AM

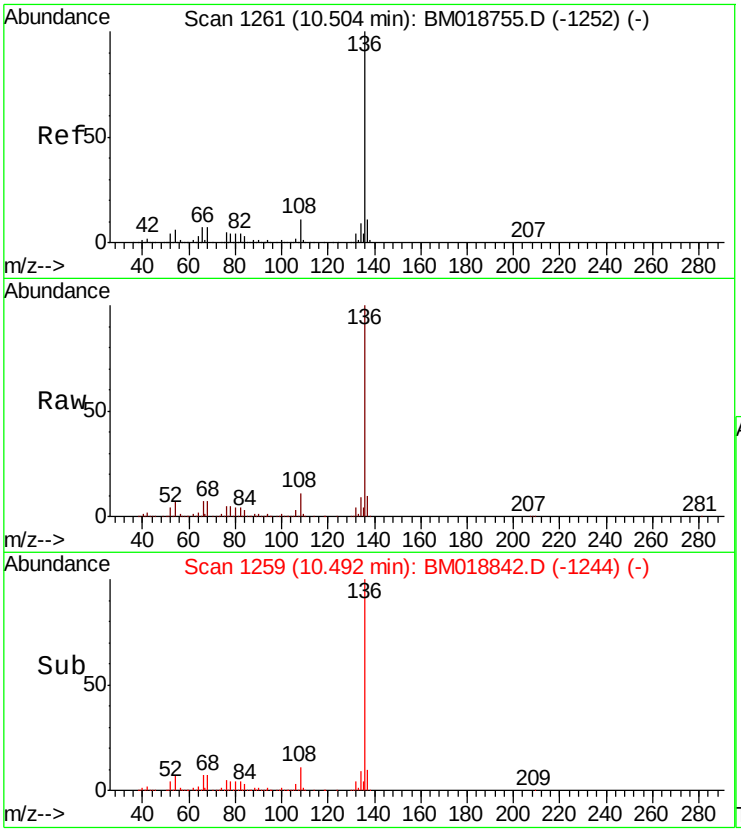


#10
Phenol
Concen: 3.617 ng
RT: 6.90 min Scan# 649
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

Tgt Ion: 94 Resp: 100371

Ion	Ratio	Lower	Upper
94	100		
65	36.1	9.6	49.6
66	53.5	20.4	60.4

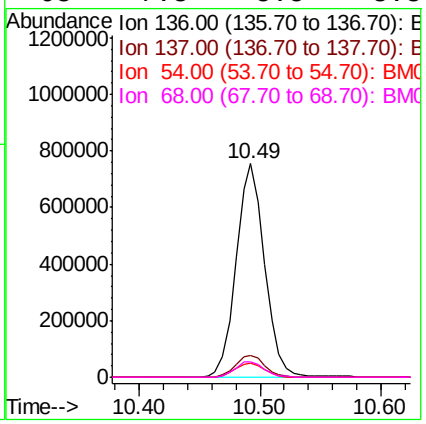




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

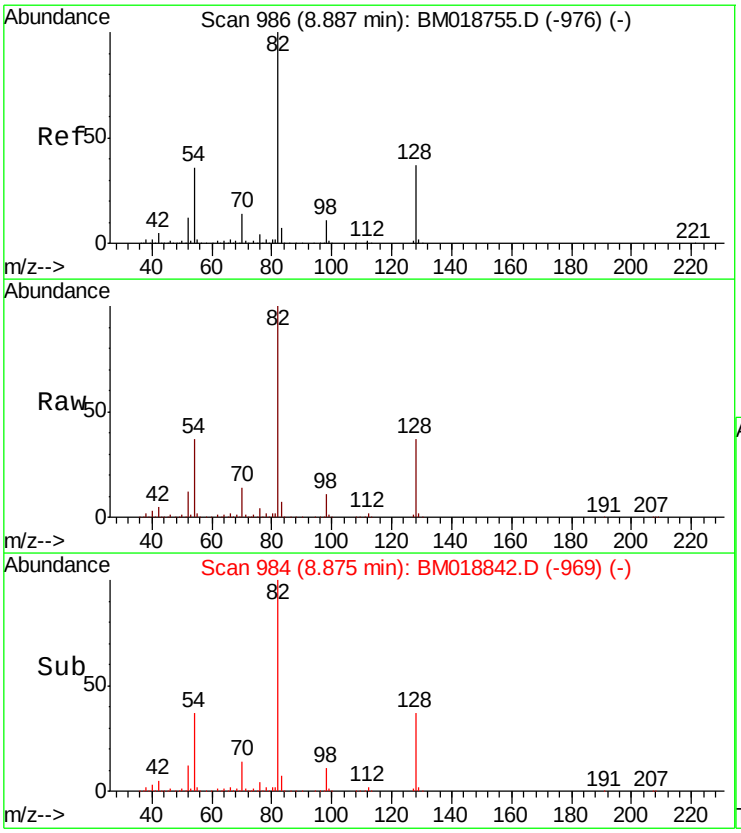
Tgt Ion:136 Resp: 1243280

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.9	5.0	7.6
68	7.3	5.5	8.3



Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

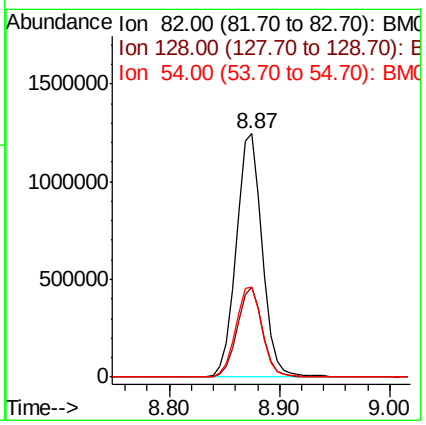
Manual Integrations APPROVED
Sohil
2/19/2019 10:03:10 AM

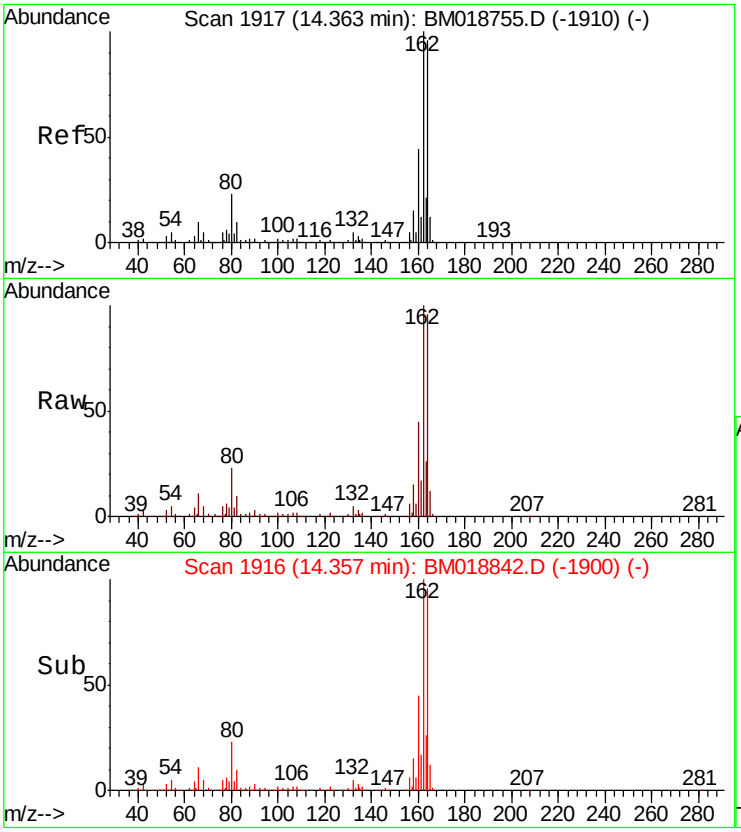


#23
Nitrobenzene-d5
Concen: 76.617 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

Tgt Ion: 82 Resp: 2060102

Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.9	44.9
54	37.1	29.1	43.7

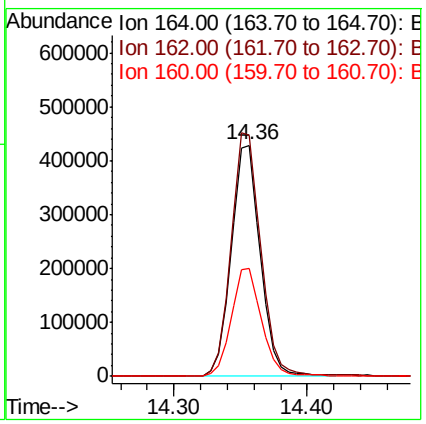




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

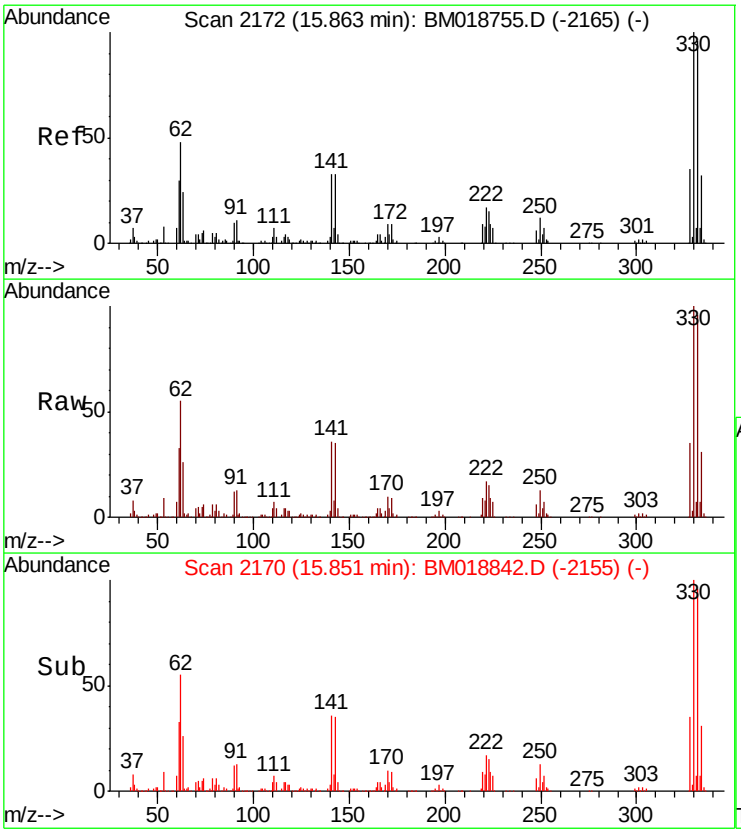
Tgt Ion:164 Resp: 651299

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.4	125.0
160	46.8	36.6	55.0



Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

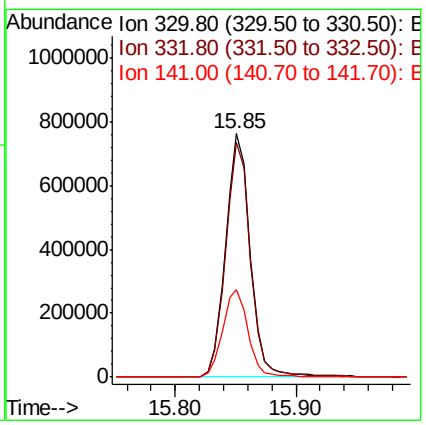
Manual Integrations APPROVED
Sohil
2/19/2019 10:03:10 AM

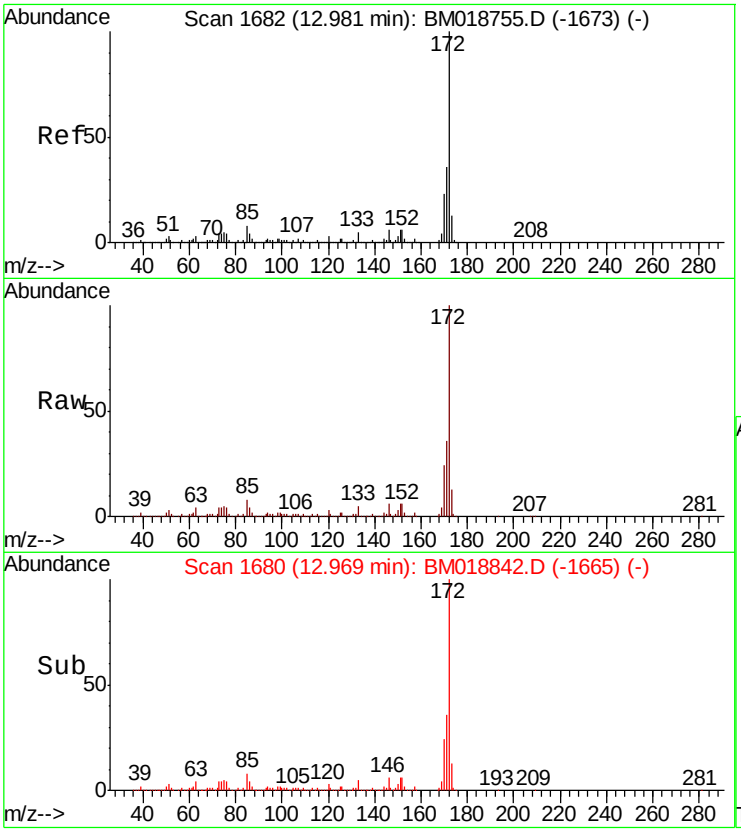


#42
2,4,6-Tribromophenol
Concen: 115.249 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

Tgt Ion:330 Resp: 1081989

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	37.2	28.7	43.1

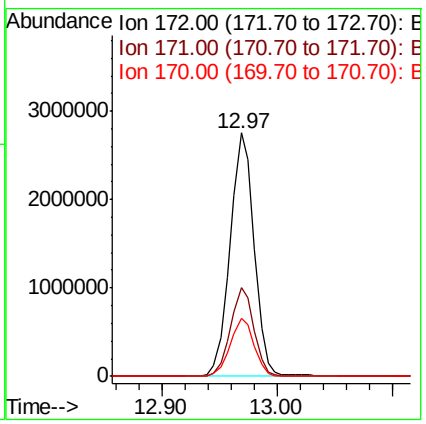




#45
2-Fluorobiphenyl
Concen: 81.081 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

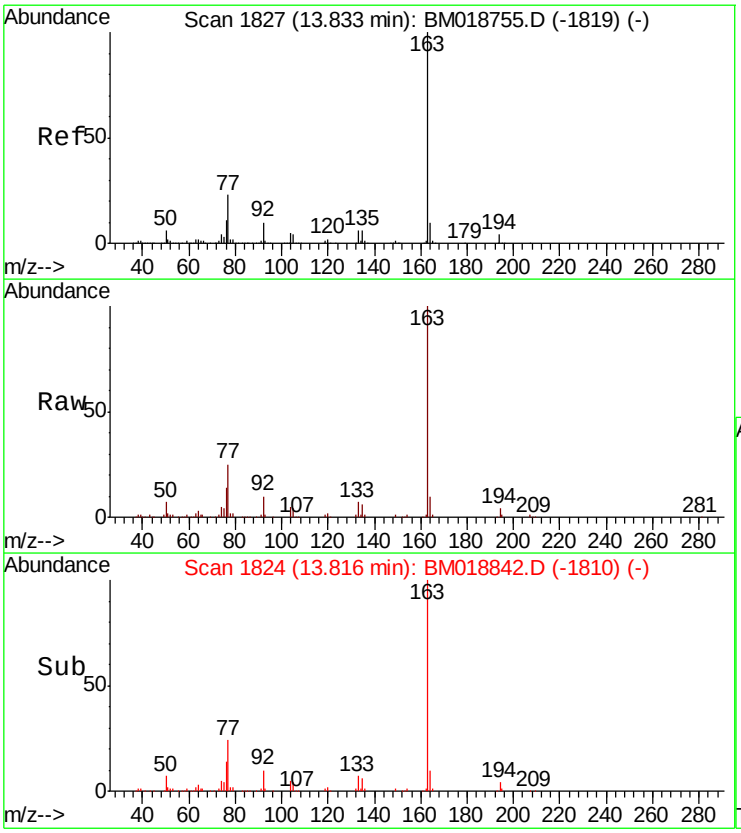
Tgt Ion:172 Resp: 3978056

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	23.7	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

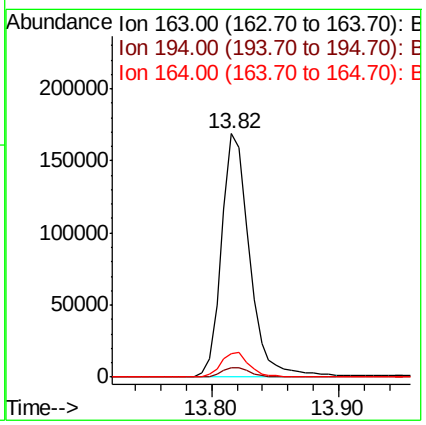
Manual Integrations APPROVED
Sohil
2/19/2019 10:03:10 AM

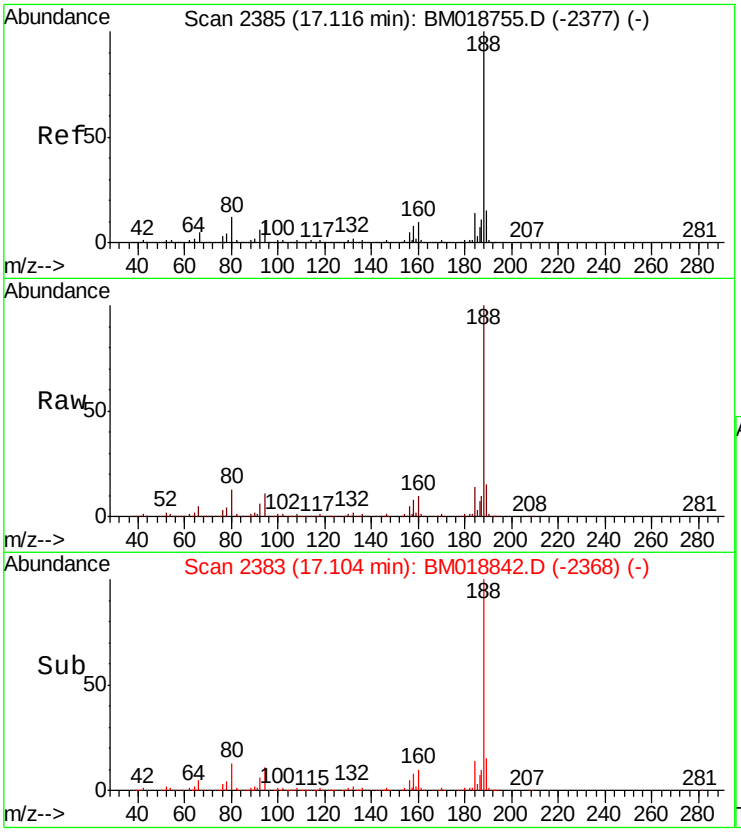


#50
Dimethylphthalate
Concen: 4.793 ng
RT: 13.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

Tgt Ion:163 Resp: 260135

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.9	7.8	11.8

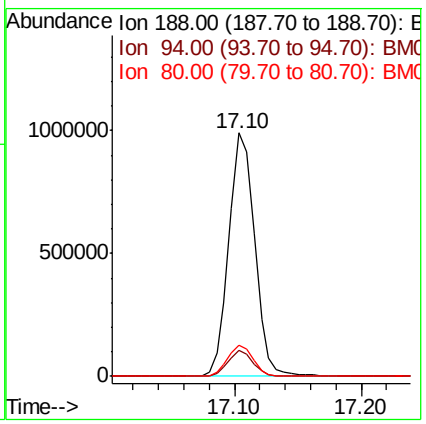




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

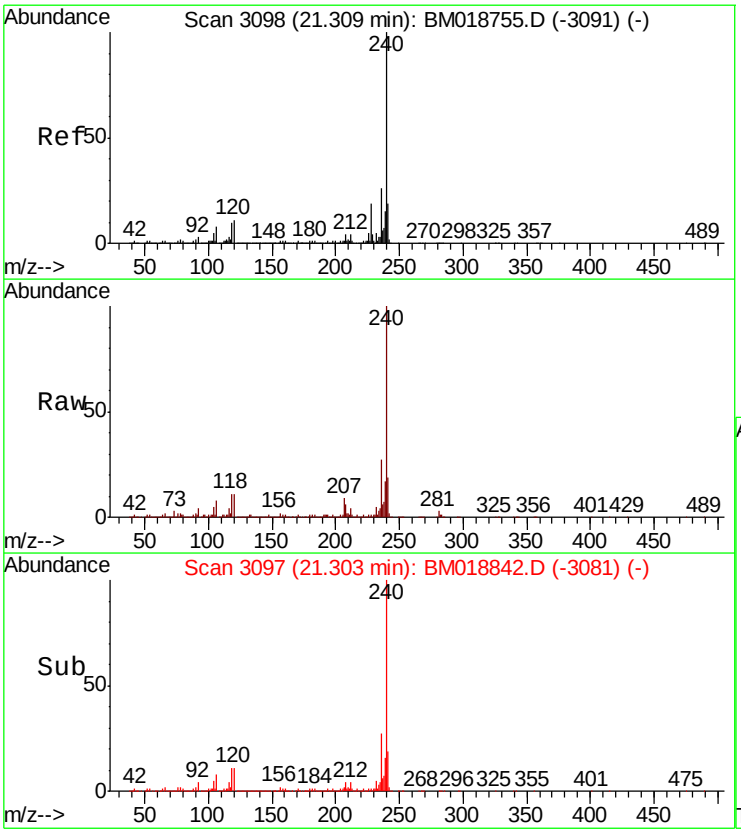
Tgt Ion:188 Resp: 1398728

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.2	12.2
80	13.0	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

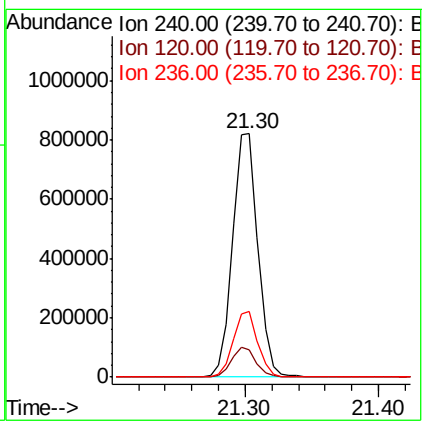
Manual Integrations APPROVED
Sohil
2/19/2019 10:03:10 AM

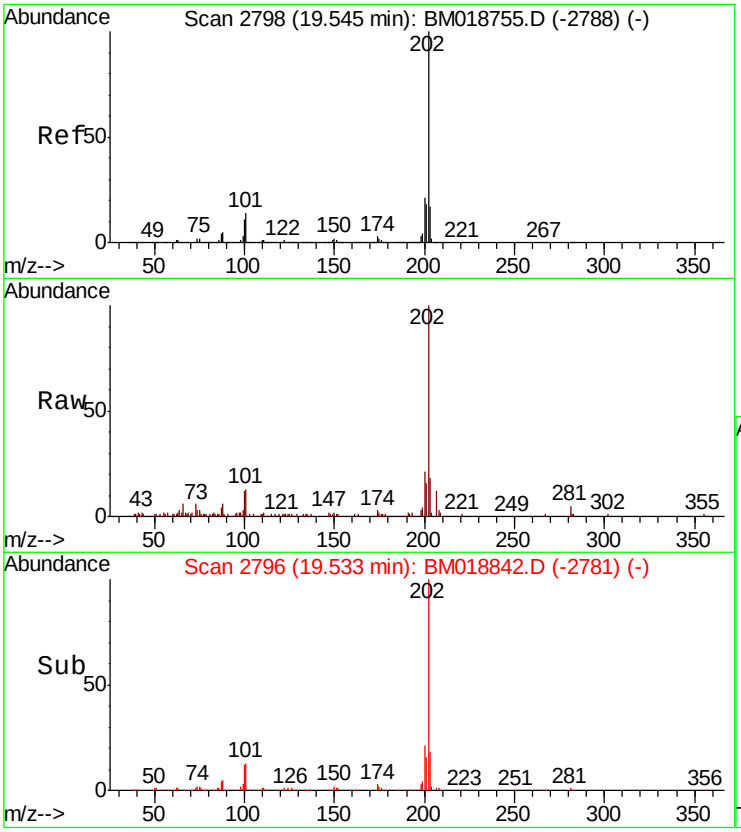


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

Tgt Ion:240 Resp: 1088510

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.8	20.9	31.3

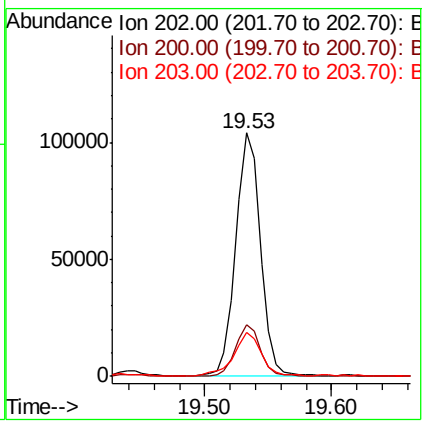




#78
Pyrene
Concen: 2.225 ng
RT: 19.53 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

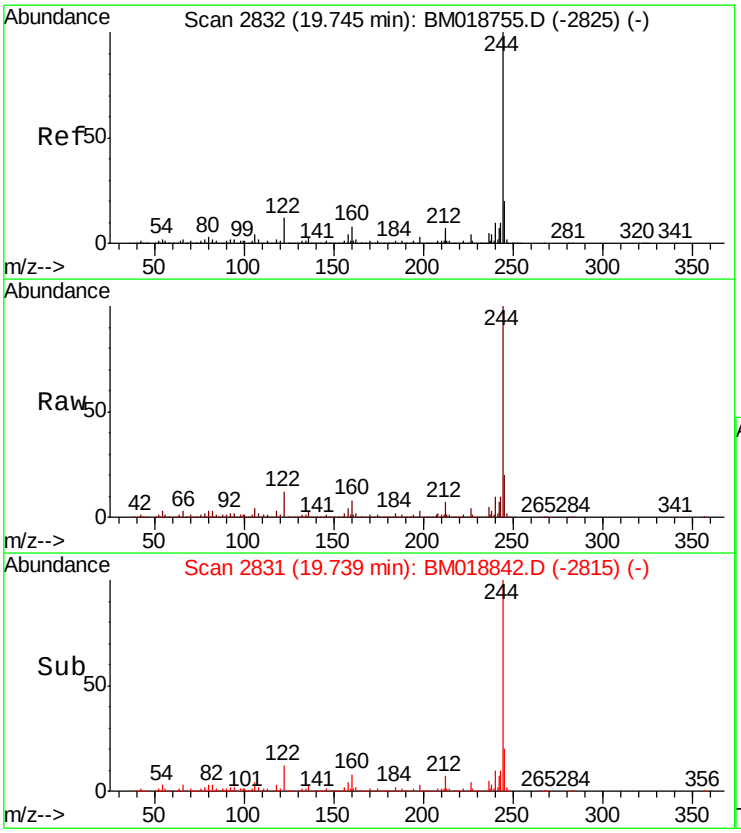
Tgt Ion:202 Resp: 140635

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.2	13.8	20.8



Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

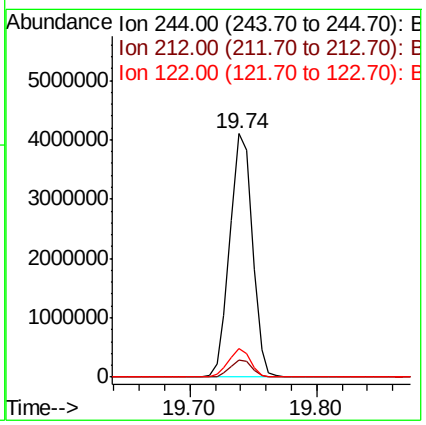
Manual Integrations APPROVED
Sohil
2/19/2019 10:03:10 AM

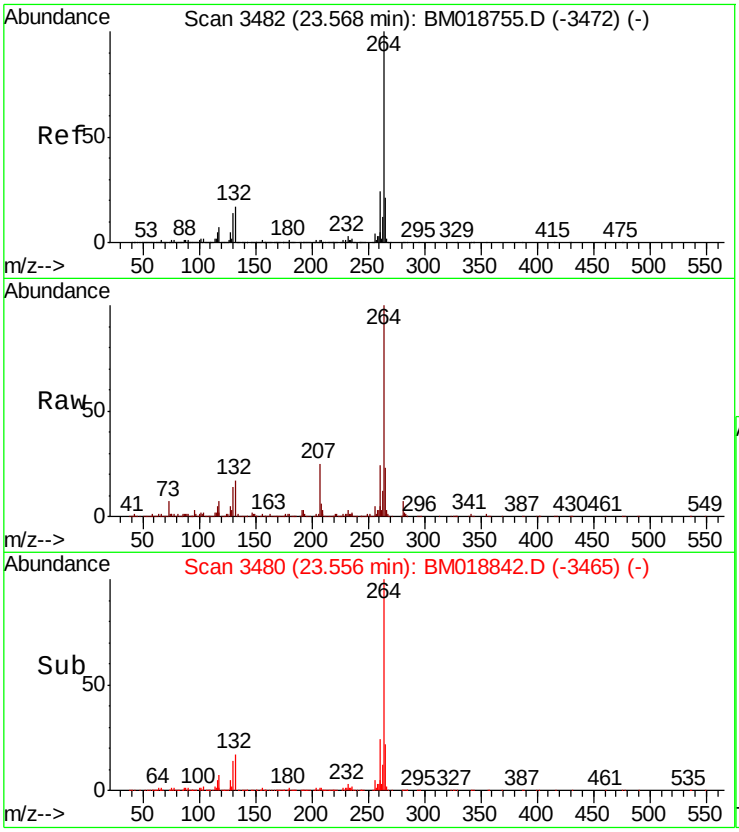


#79
Terphenyl-d14
Concen: 95.582 ng
RT: 19.74 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

Tgt Ion:244 Resp: 5043481

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.7	9.3	13.9

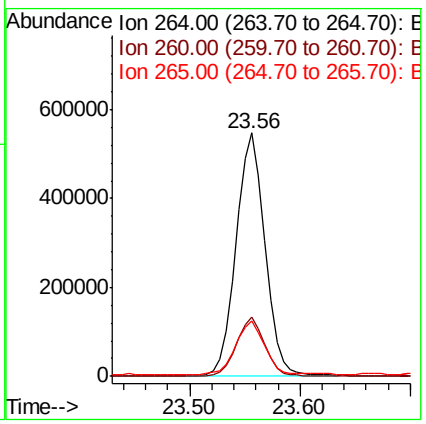




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3480
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

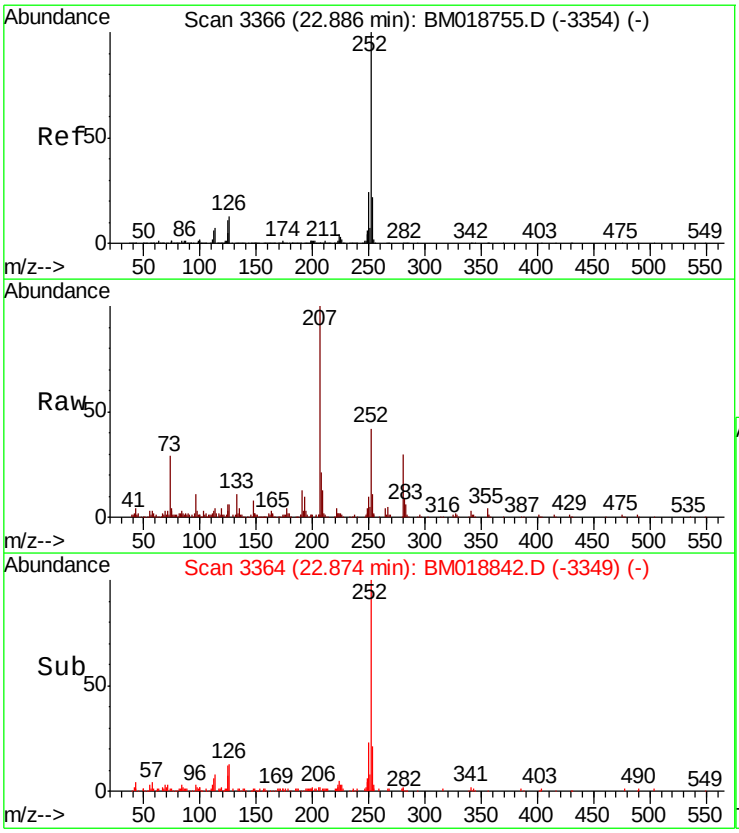
Tgt Ion:264 Resp: 1013724

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.6	17.3	25.9



Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

Manual Integrations APPROVED
Sohil
2/19/2019 10:03:10 AM



#88
Benzo(b)fluoranthene
Concen: 2.115 ng m
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM018842.D
Acq: 18 Feb 2019 17:23

Tgt Ion:252 Resp: 122641

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	14.6	8.6	12.8#