Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

Manual Integrations APPROVED
Sohil
1/18/2019 12:07:04 PM

Quant Time: Jan 18 05:55:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	410273	20.00	ng		-0.02
21) Naphthalene-d8	10.53	136	1619792	20.00	ng		-0.02
39) Acenaphthene-d10	14.39	164	883684	20.00	ng		-0.02
64) Phenanthrene-d10	17.14	188	1738168	20.00	ng		-0.02
76) Chrysene-d12	21.33	240	1317787	20.00	ng		-0.02
87) Perylene-d12	23.60	264	1340253	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	2298906	103.47	ng		-0.02
7) Phenol-d6	6.92	99	3036347	107.59	ng		-0.02
23) Nitrobenzene-d5	8.90	82	2002075	71.65	ng		-0.02
42) 2,4,6-Tribromophenol	15.88	330	966985	85.94	ng		-0.02
45) 2-Fluorobiphenyl	13.00	172	4022477	59.40	ng		-0.02
79) Terphenyl-d14	19.77	244	3859940	61.75	ng		-0.02
Target Compounds							Qvalue
50) Dimethylphthalate	13.85	163	1307105	18.011	ng		99
75) Fluoranthene	19.20	202	573770	5.383	ng		97
78) Pyrene	19.56	202	732530	9.378	ng		98
81) Benzo(a)anthracene	21.32	228	430974	5.551	ng		97
83) Chrysene	21.37	228	466924m	6.228	ng		
86) Indeno(1,2,3-cd)pyrene	25.90	276	312503	3.615	ng	#	93
88) Benzo(b)fluoranthene	22.92	252	652114	8.570	ng		96
89) Benzo(k)fluoranthene	22.96	252	207901m	2.711	ng		
90) Benzo(a)pyrene	23.50	252	486745	6.682	ng		97
92) Benzo(g,h,i)perylene	26.62	276	308814	4.299	ng		98

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 18 05:55:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
S-8

Manual Integrations APPROVED
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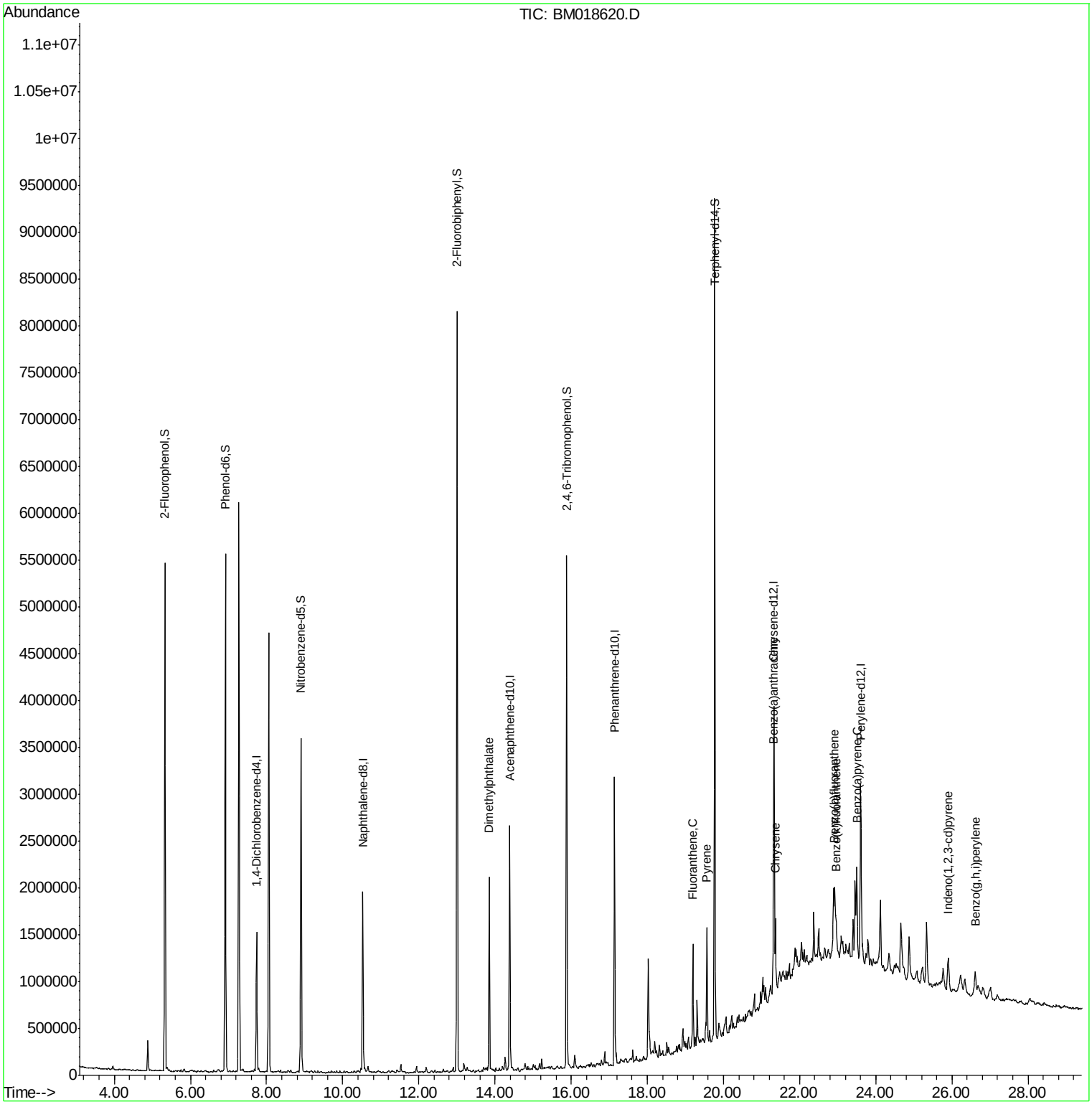
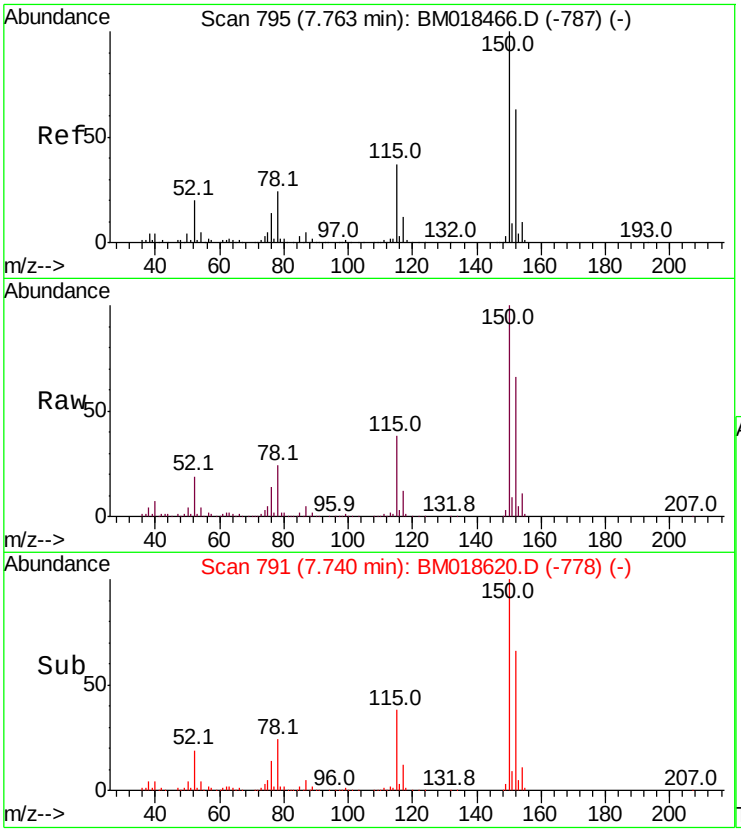
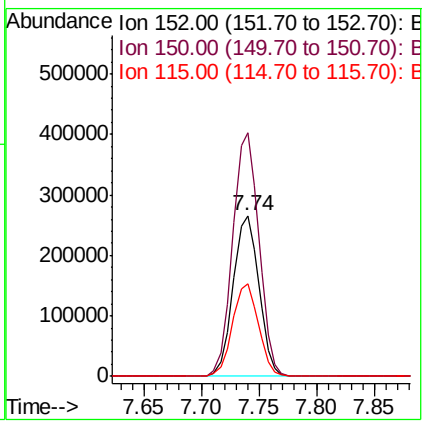




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:152 Resp: 410273

Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.9	190.3
115	57.4	45.5	68.3



Instrument :
BNA_M
ClientSampleId :
S-8

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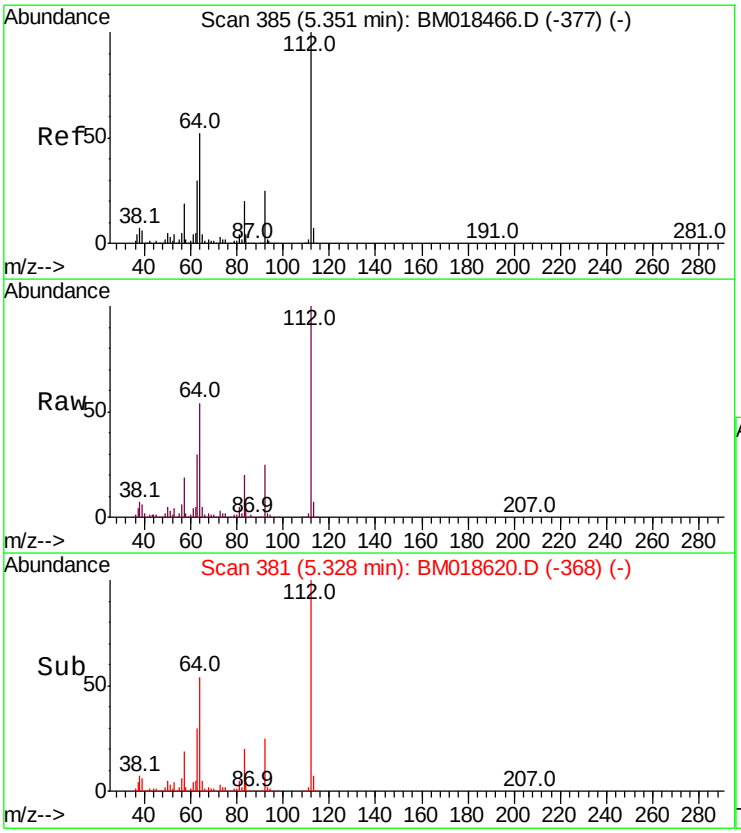
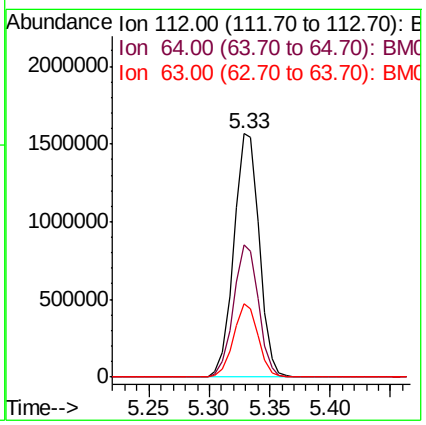
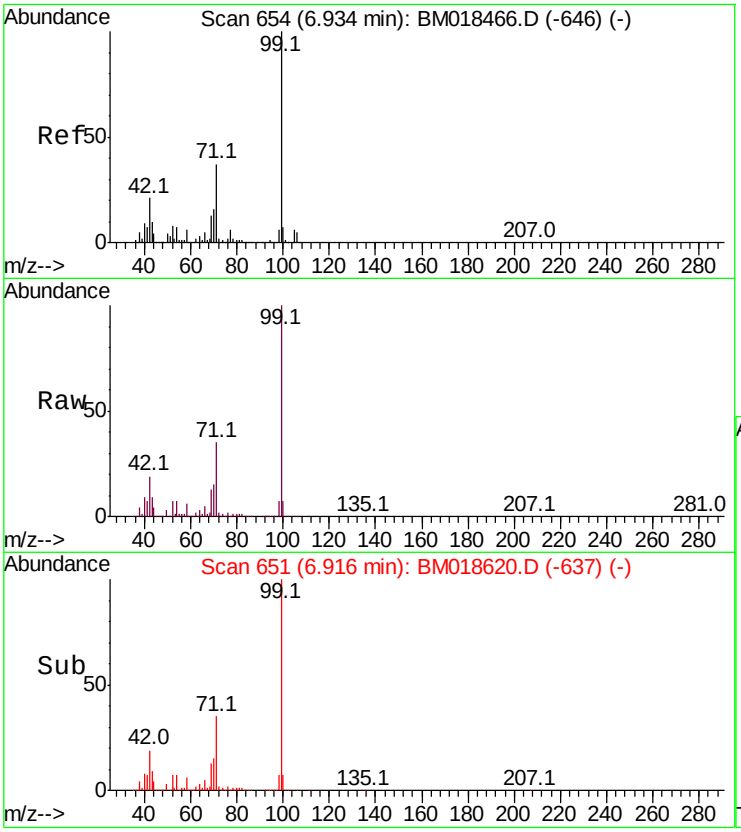


#5
2-Fluorophenol
Concen: 103.466 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:112 Resp: 2298906

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.5	69.7
63	29.9	25.2	37.8

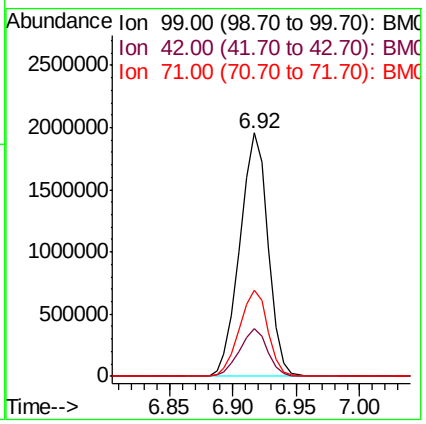




#7
Phenol-d6
Concen: 107.592 ng
RT: 6.92 min Scan# 651
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion: 99 Resp: 3036347

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.3	25.9
71	35.5	28.0	42.0



Instrument :
BNA_M
ClientSampleId :
S-8

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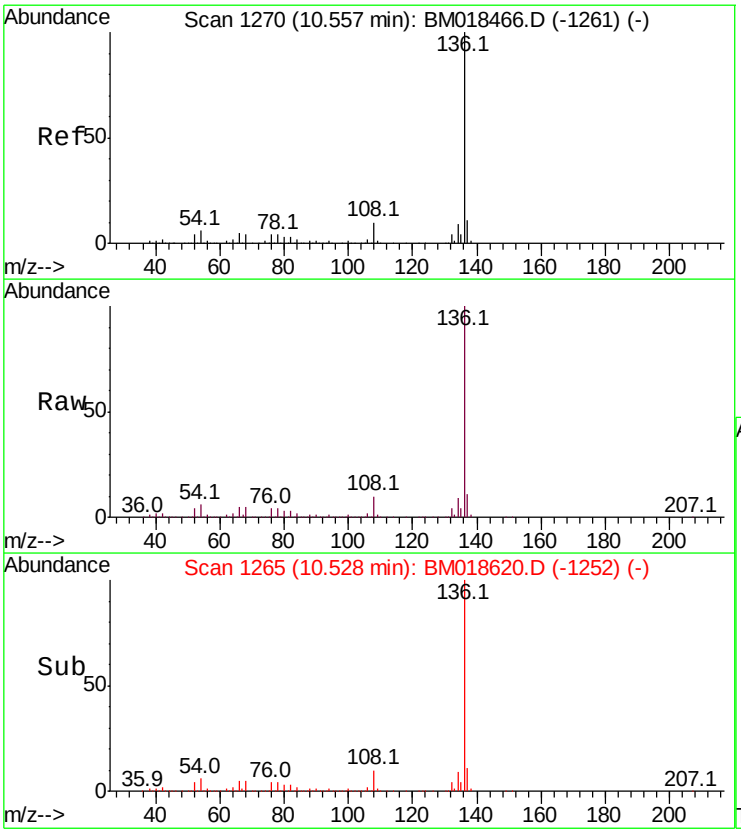
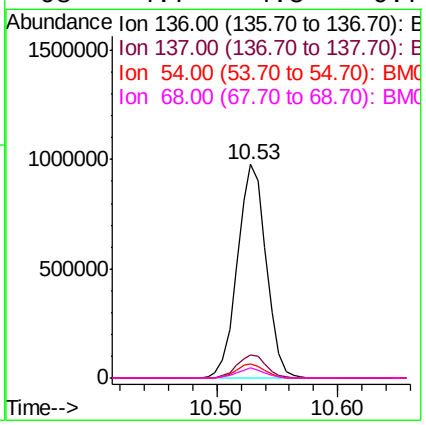
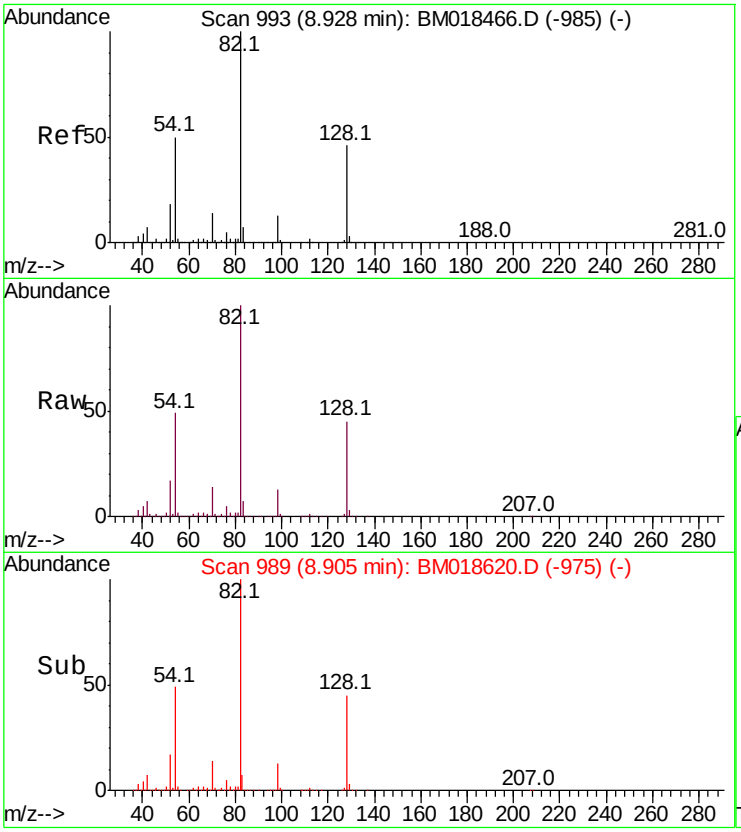


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:136 Resp: 1619792

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.4	6.0	9.0
68	4.7	4.5	6.7

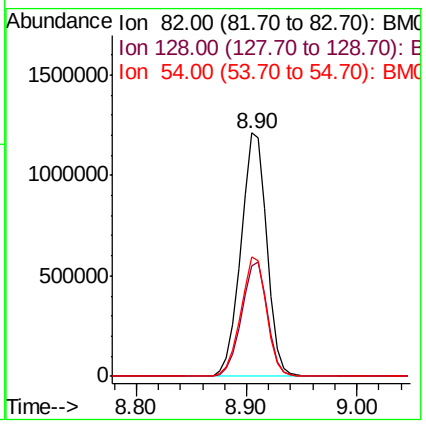




#23
Nitrobenzene-d5
Concen: 71.653 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion: 82 Resp: 2002075

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	49.0	41.7	62.5



Instrument :
BNA_M
ClientSampleId :
S-8

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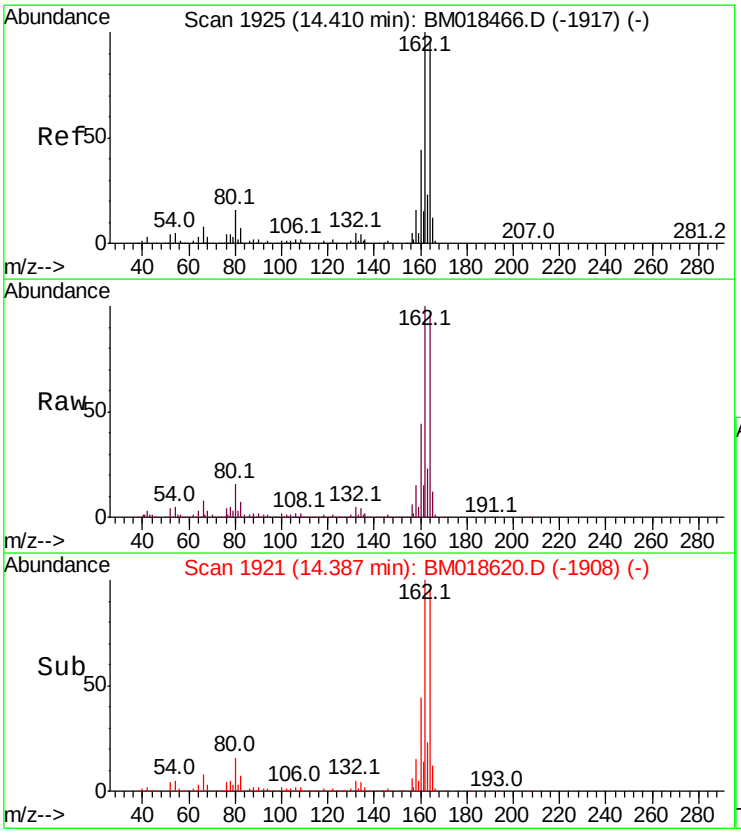
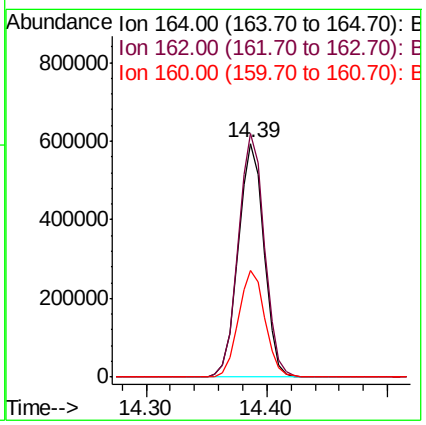
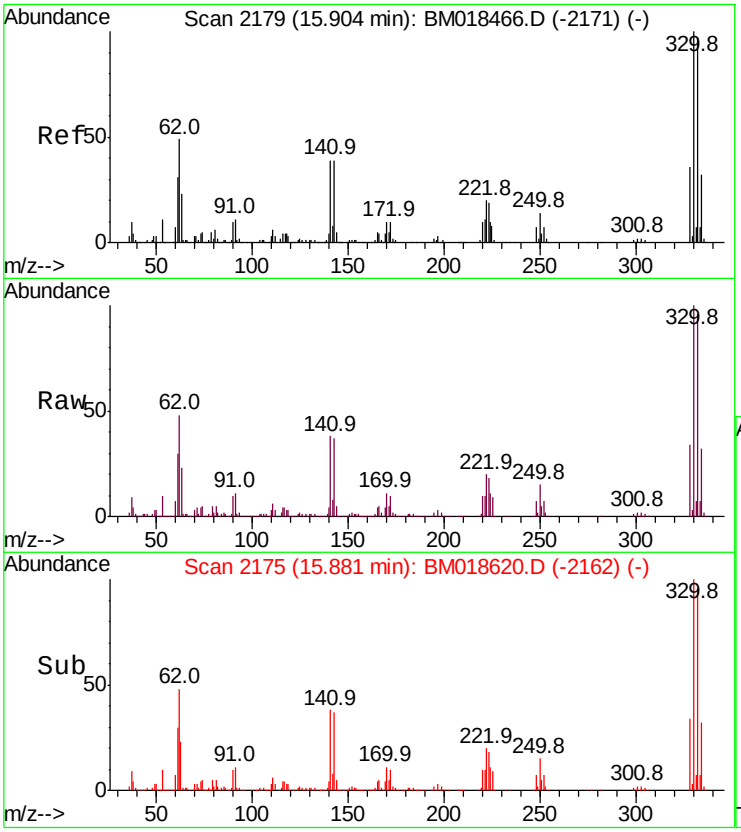


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:164 Resp: 883684

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.4
160	45.7	37.1	55.7

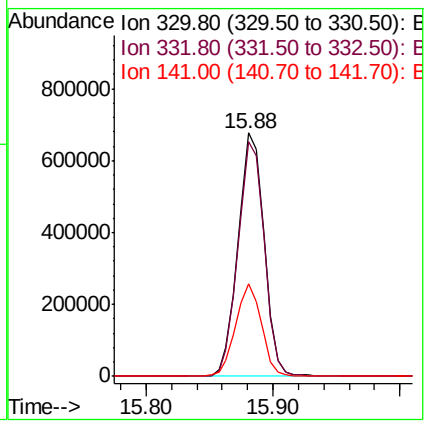




#42
2,4,6-Tribromophenol
Concen: 85.941 ng
RT: 15.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:330 Resp: 966985

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	37.1	31.7	47.5



Instrument :
BNA_M
ClientSampleId :
S-8

Manual Integrations APPROVED
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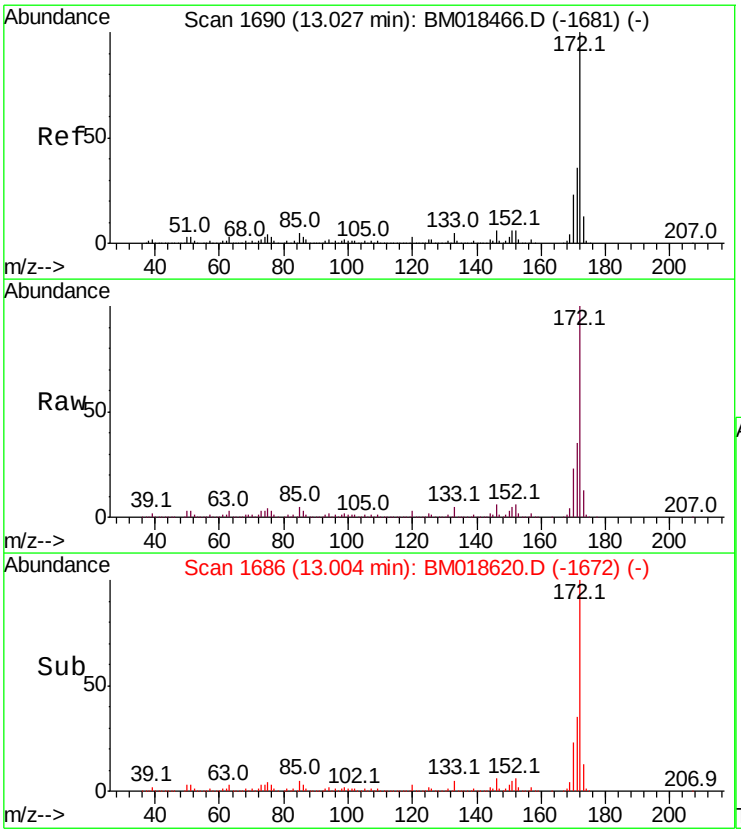
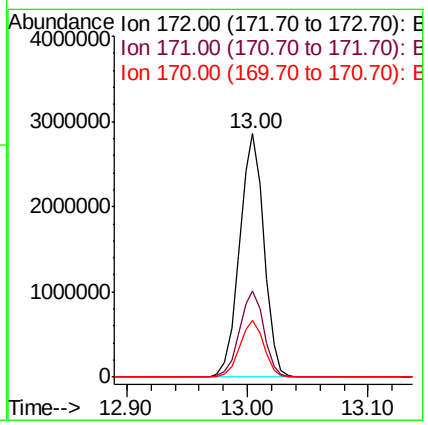
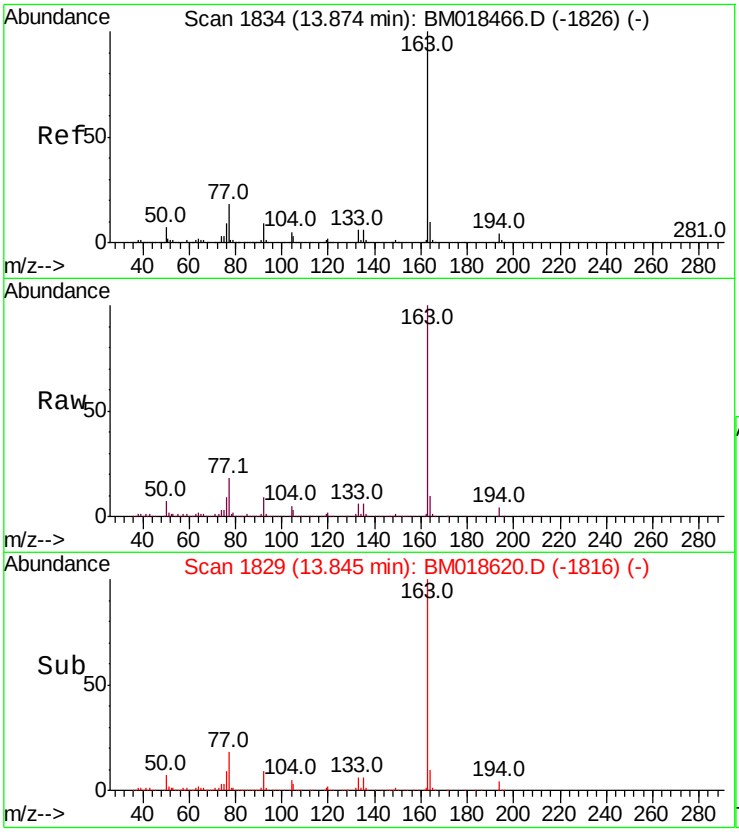


#45
2-Fluorobiphenyl
Concen: 59.397 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:172 Resp: 4022477

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.5	18.9	28.3

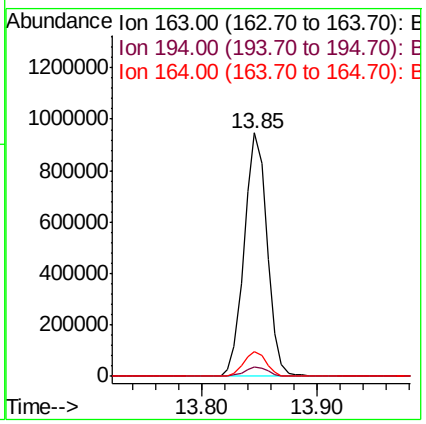




#50
Dimethylphthalate
Concen: 18.011 ng
RT: 13.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:163 Resp: 1307105

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	7.8	11.8



Instrument :
BNA_M
ClientSampleId :
S-8

Manual Integrations APPROVED
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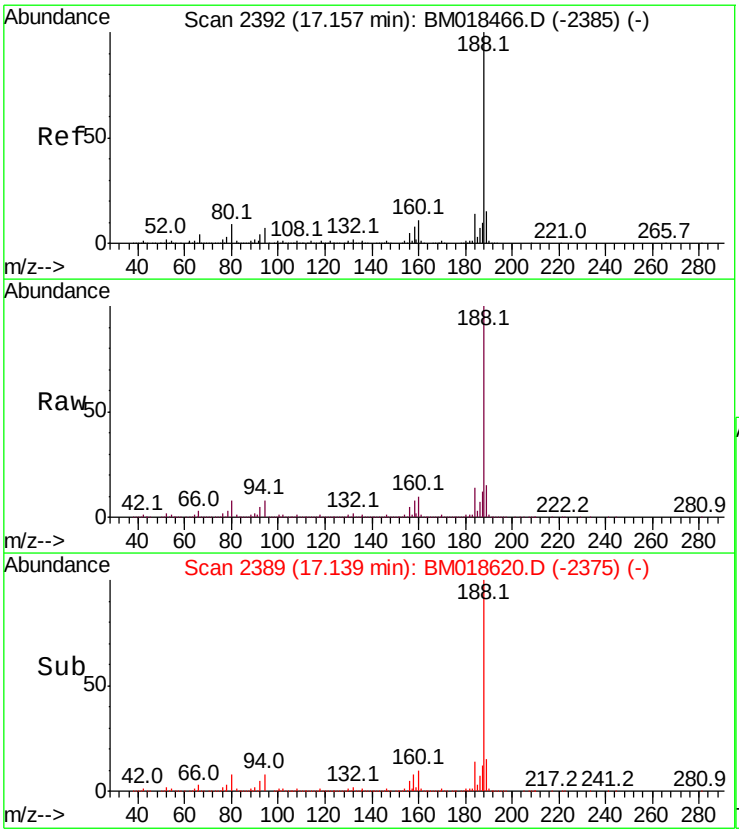
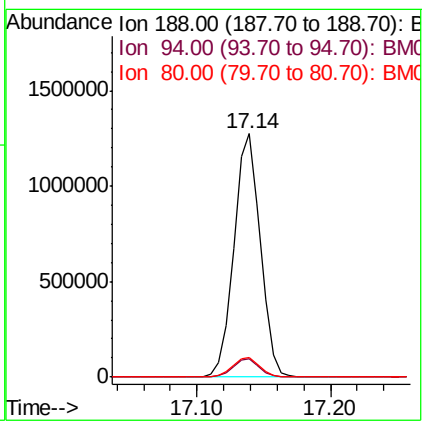
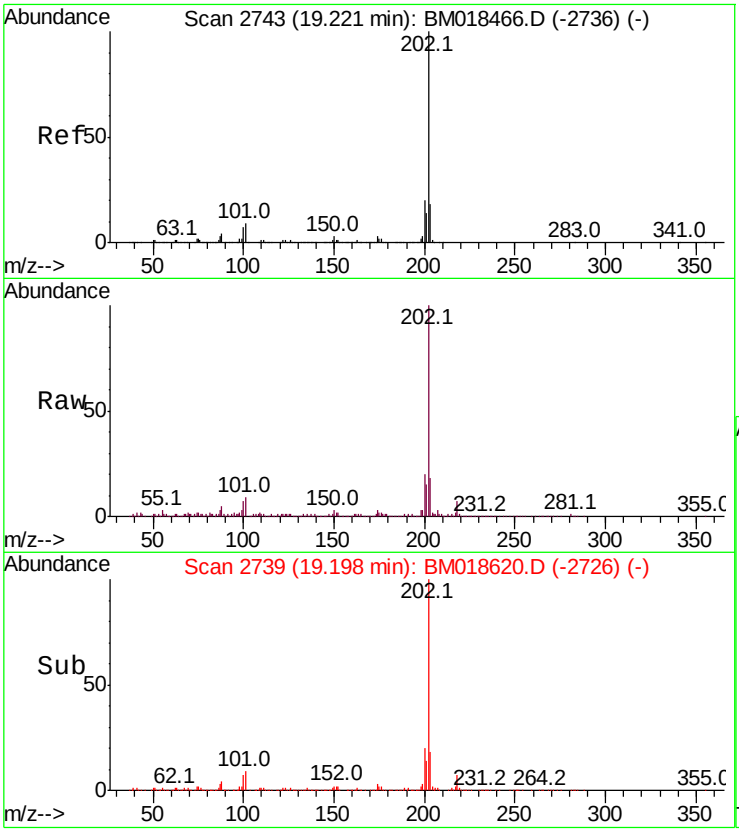


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:188 Resp: 1738168

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.1	10.7
80	7.9	7.6	11.4

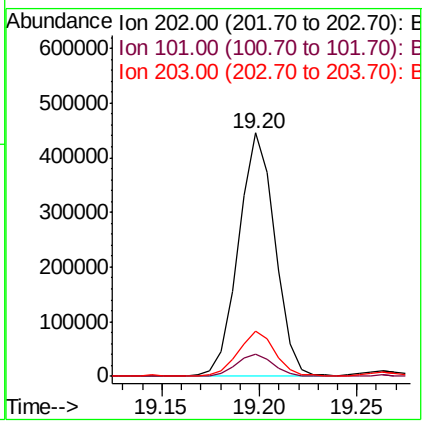




#75
Fluoranthene
Concen: 5.383 ng
RT: 19.20 min Scan# 2739
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:202 Resp: 573770

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.9
203	18.5	0.0	37.4



Instrument :
BNA_M
ClientSampleId :
S-8

Manual Integrations APPROVED
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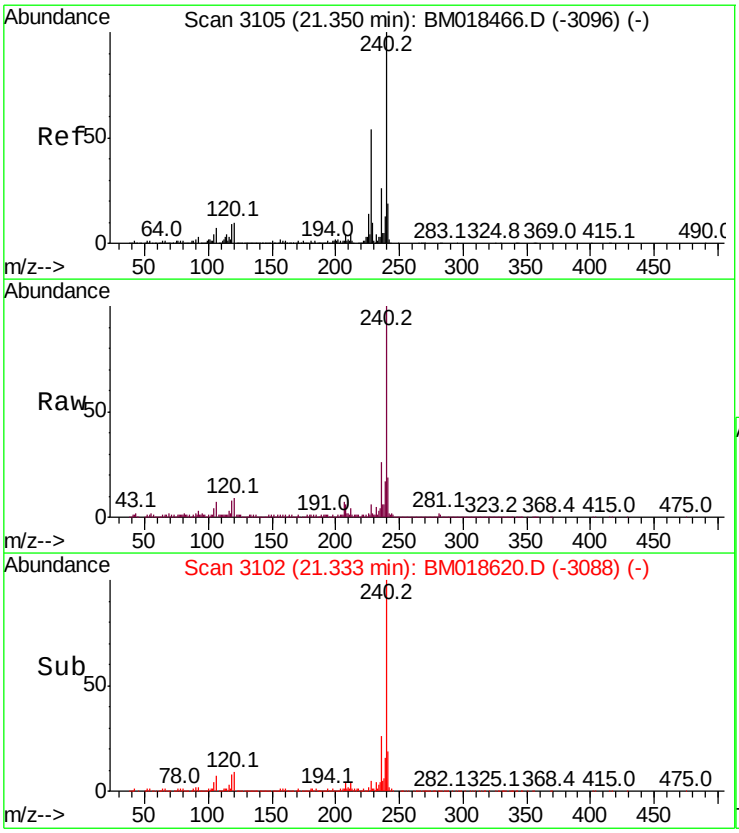
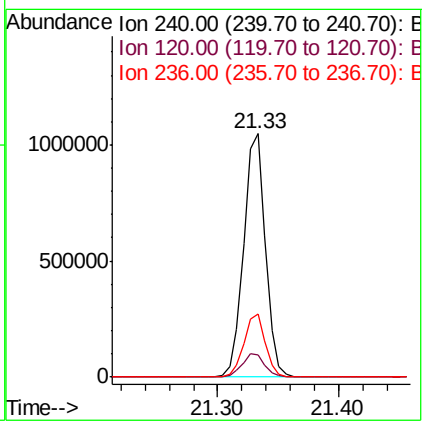
1/18/2019 12:07:04 PM

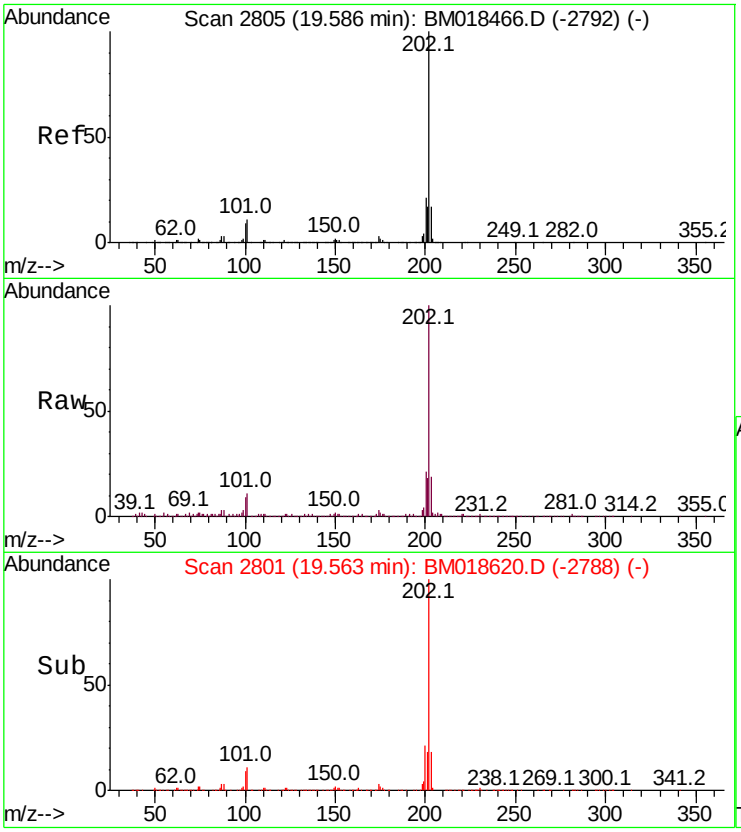


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:240 Resp: 1317787

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.4	12.6
236	26.0	20.7	31.1

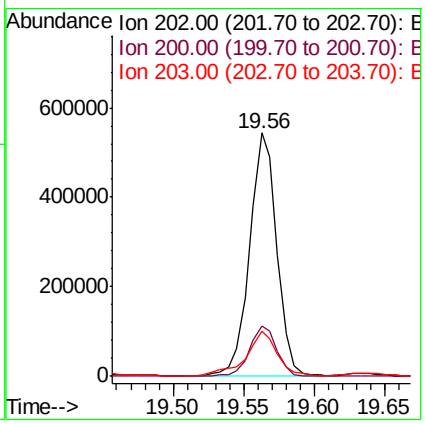




#78
Pyrene
Concen: 9.378 ng
RT: 19.56 min Scan# 2801
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:202 Resp: 732530

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	18.8	13.8	20.8



Instrument :
BNA_M
ClientSampleId :
S-8

Manual Integrations APPROVED
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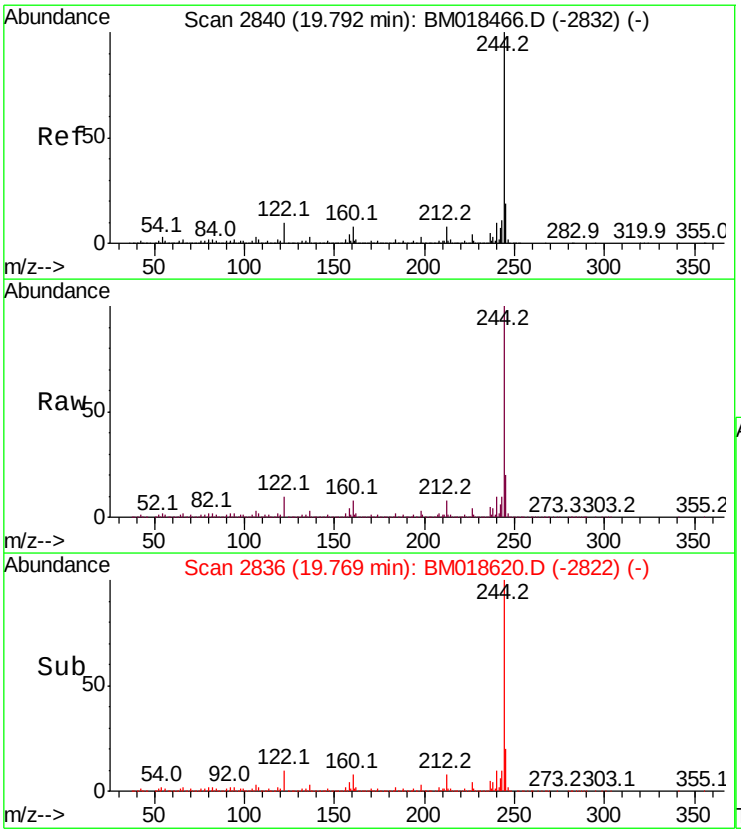
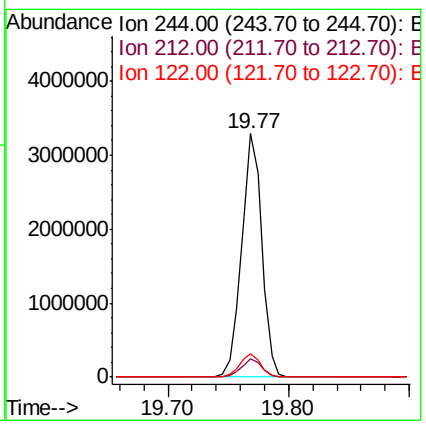
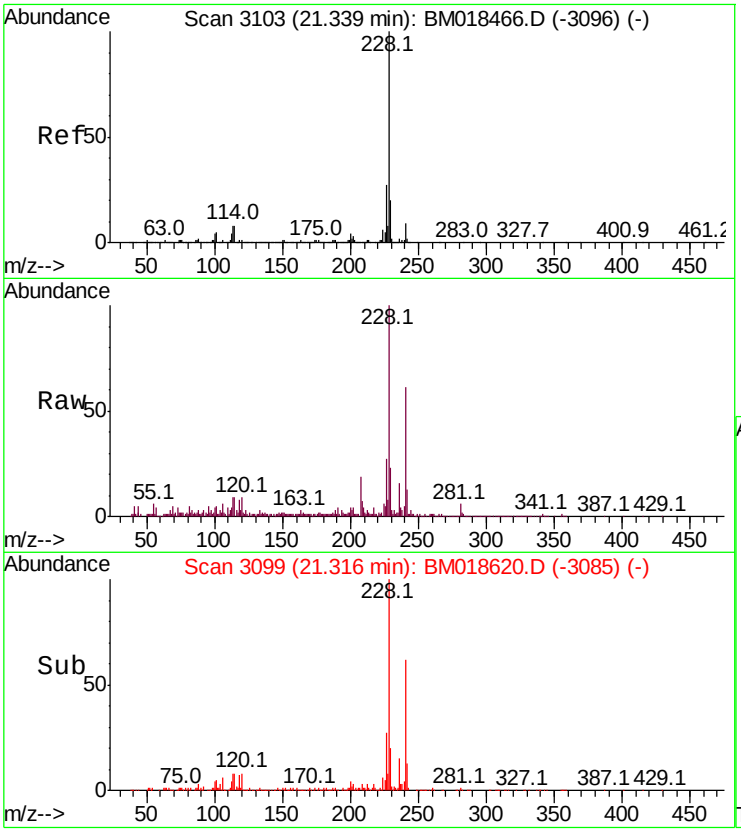


#79
Terphenyl-d14
Concen: 61.747 ng
RT: 19.77 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:244 Resp: 3859940

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.8	9.0	13.4

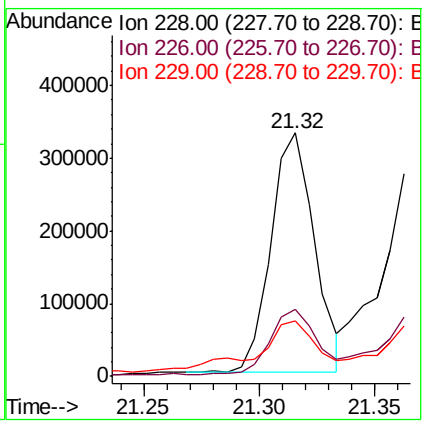




#81
Benzo(a)anthracene
Concen: 5.551 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

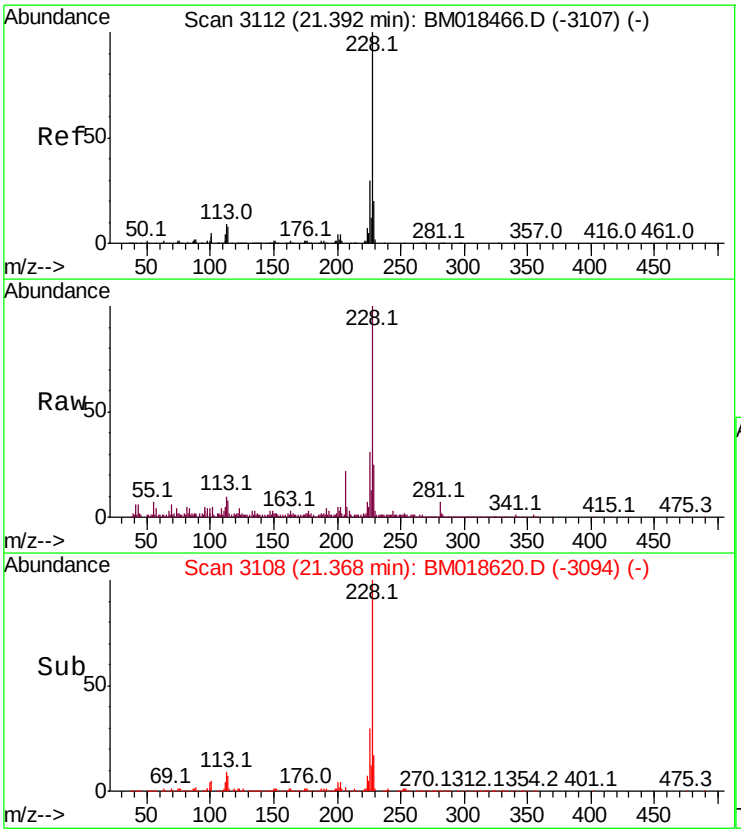
Tgt Ion:228 Resp: 430974

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	22.9	15.8	23.8



Instrument :
BNA_M
ClientSampleId :
S-8

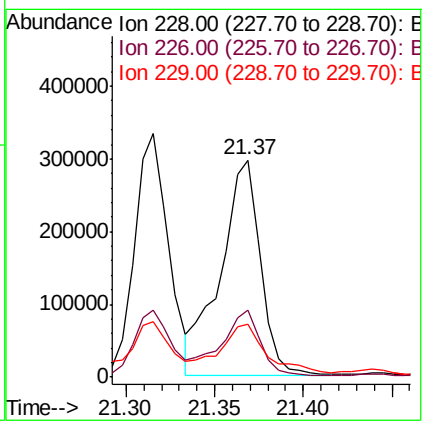
Manual Integrations APPROVED
Sohil
1/18/2019 12:07:04 PM

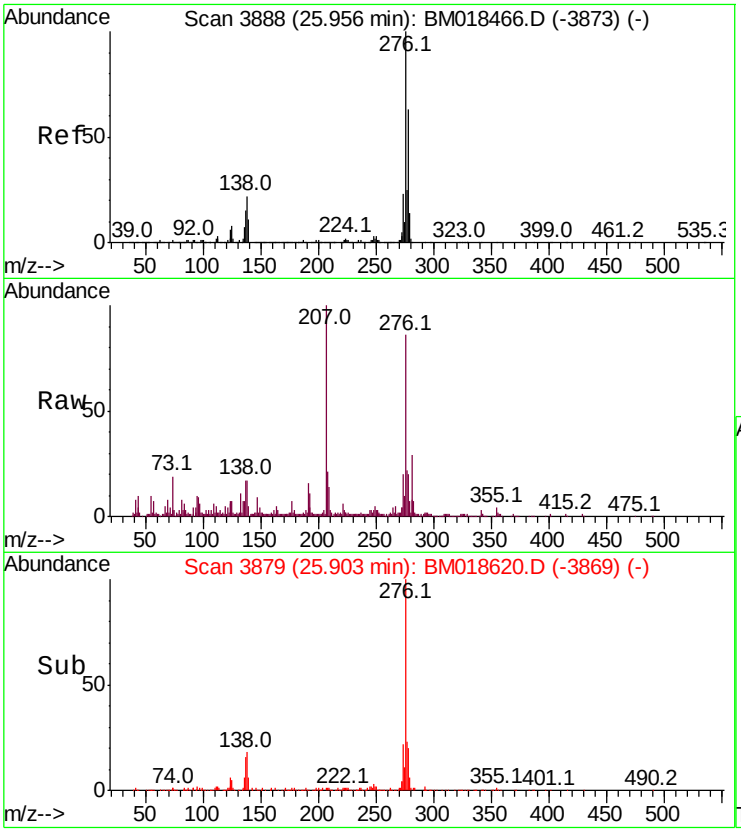


#83
Chrysene
Concen: 6.228 ng m
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:228 Resp: 466924

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	24.6	15.6	23.4#

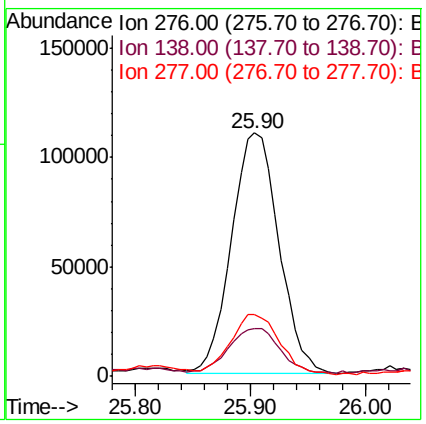




#86
Indeno(1,2,3-cd)pyrene
Concen: 3.615 ng
RT: 25.90 min Scan# 3879
Delta R.T. -0.04 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:276 Resp: 312503

Ion	Ratio	Lower	Upper
276	100		
138	20.0	21.5	32.3#
277	25.5	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
S-8

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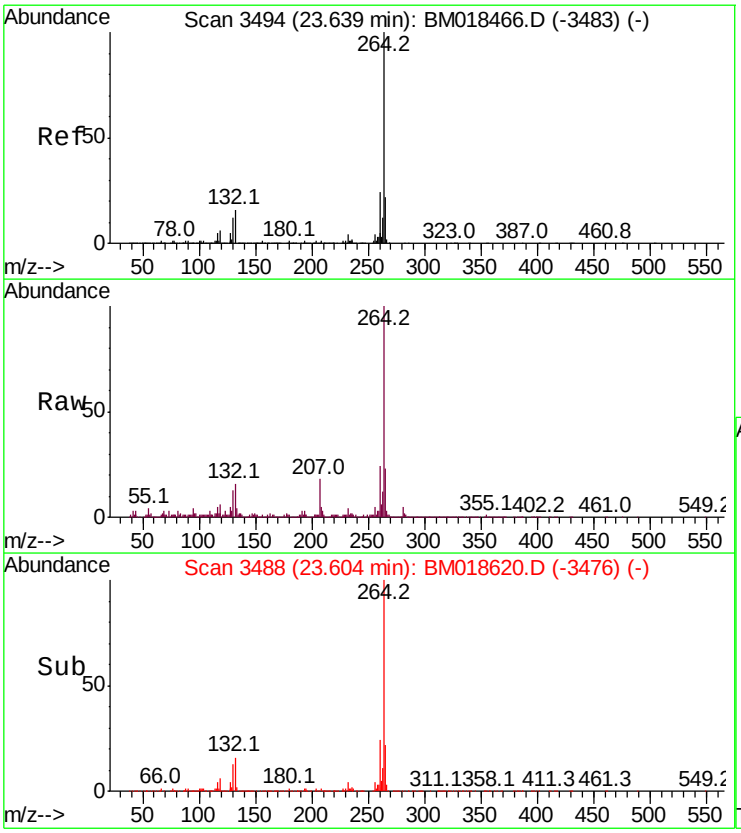
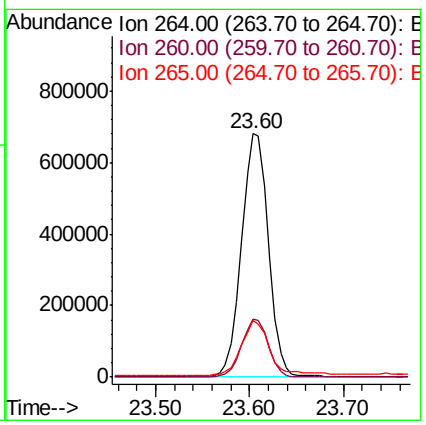
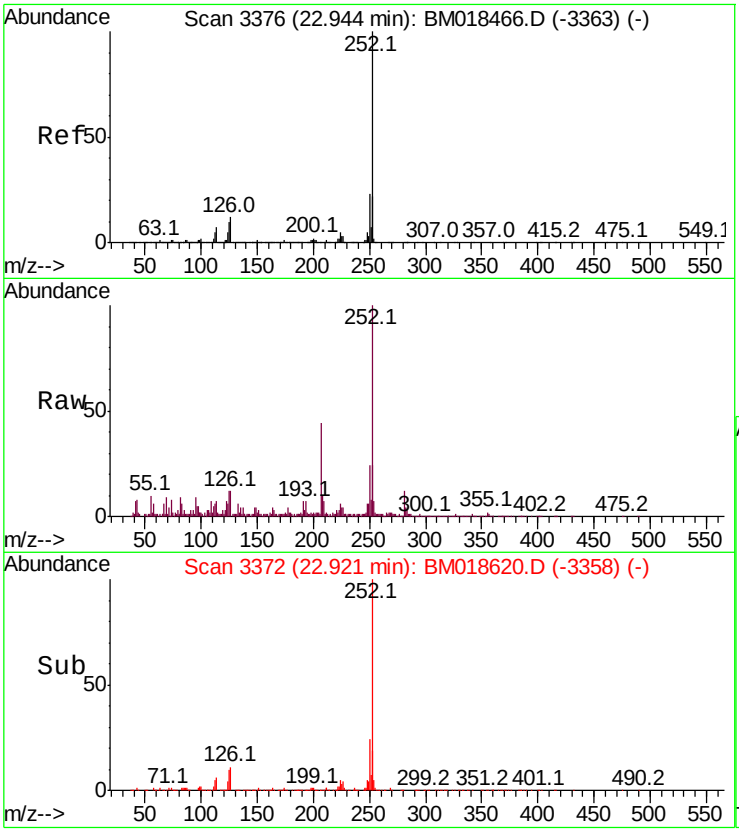


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3488
Delta R.T. -0.03 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:264 Resp: 1340253

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	23.0	16.8	25.2





#88
Benzo(b)fluoranthene
Concen: 8.570 ng
RT: 22.92 min Scan# 3372
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:252 Resp: 652114

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	12.0	8.5	12.7

Instrument :
BNA_M
ClientSampleId :
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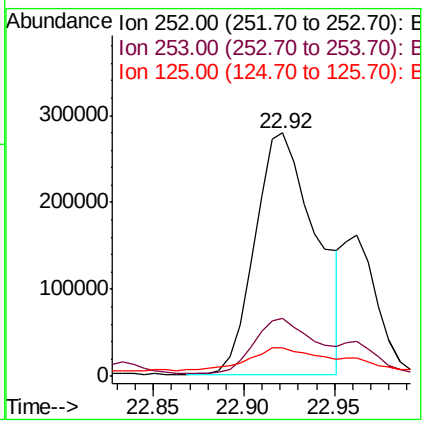
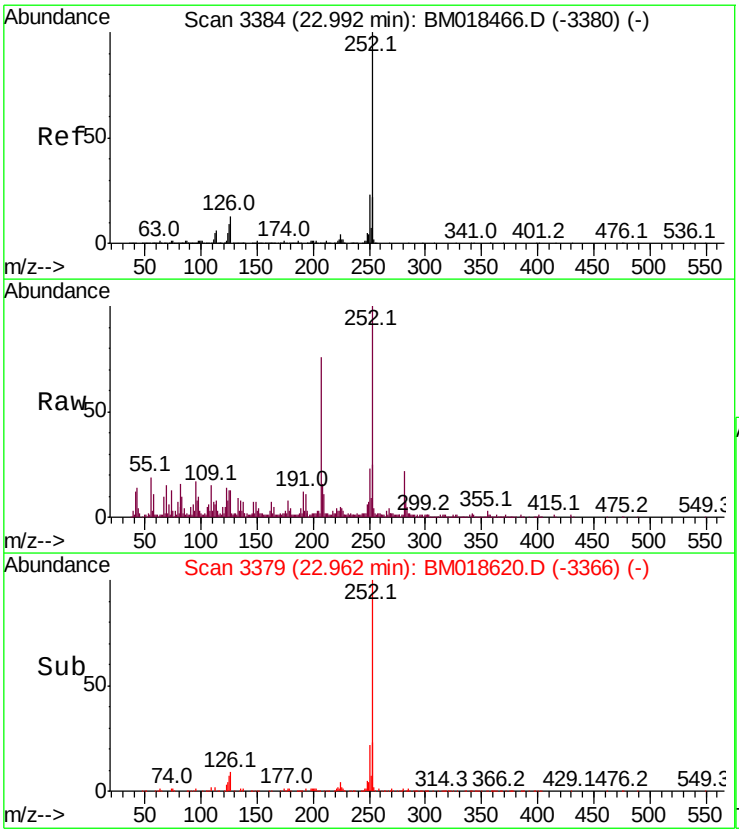
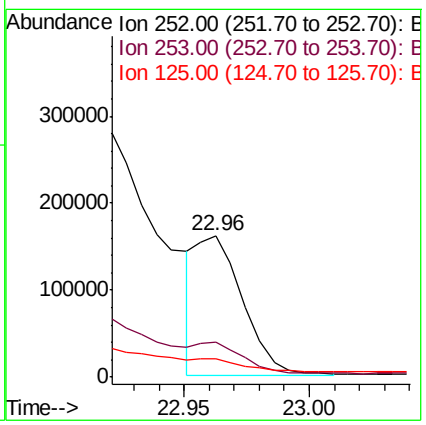


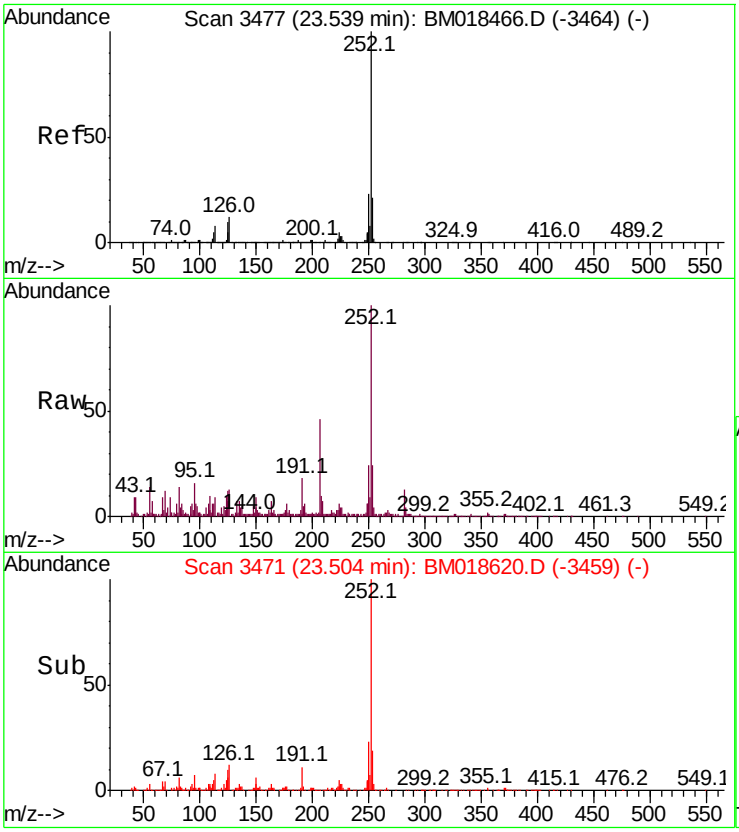


#89
Benzo(k)fluoranthene
Concen: 2.711 ng m
RT: 22.96 min Scan# 3379
Delta R.T. -0.02 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:252 Resp: 207901

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.0
125	12.9	8.6	12.8#

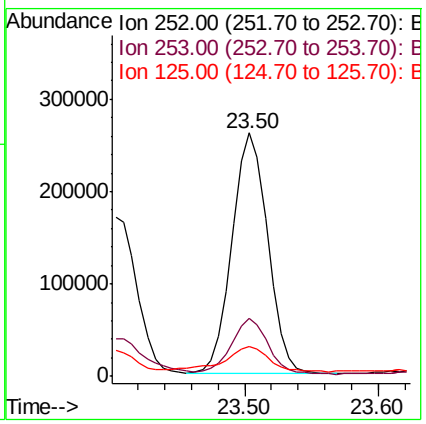




#90
Benzo(a)pyrene
Concen: 6.682 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.03 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:252 Resp: 486745

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	12.4	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
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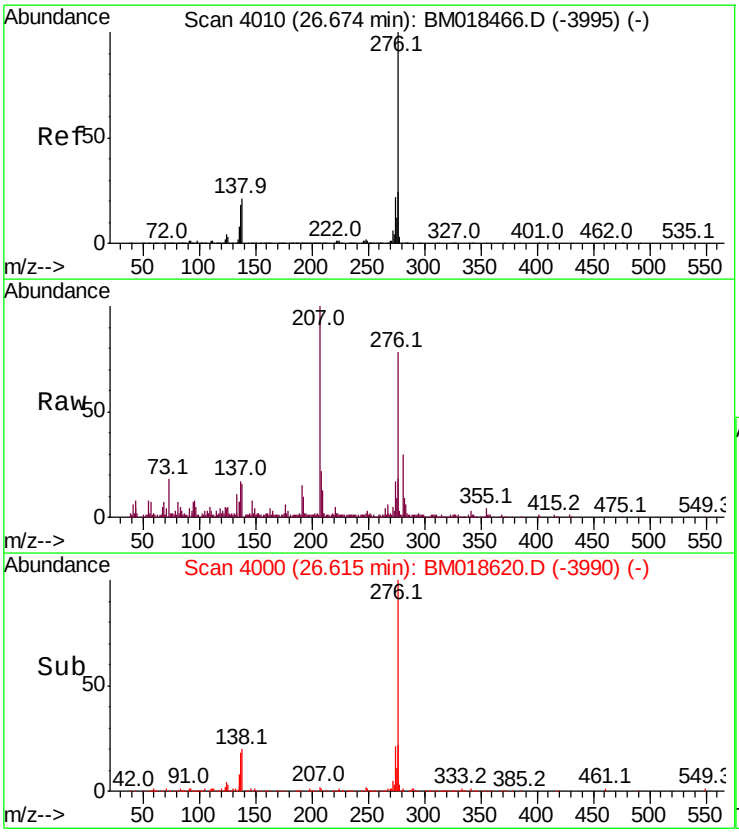

#92
Benzo(g,h,i)perylene
Concen: 4.299 ng
RT: 26.62 min Scan# 4000
Delta R.T. -0.04 min
Lab File: BM018620.D
Acq: 17 Jan 2019 18:47

Tgt Ion:276 Resp: 308814

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	21.1	18.1	27.1