Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026747.D
Acq On : 14 Jul 2020 11:41
Operator : JU/CG
Sample : PB130164BL
Misc : PBBL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK64

Quant Time: Jul 14 12:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.31
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.06
36) Acenaphthene-d10	0.00	164	0	0.00	ng/ul	-13.97
62) Phenanthrene-d10	16.83	188	599189	20.00	ng/ul	0.10
78) Chrysene-d12	20.98	240	392	20.00	ng/ul	0.02
86) Perylene-d12	22.89	264	817793	20.00	ng/ul	-0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	15901	0.00	ng/uL	0.00
5) Phenol-d5	6.53	99	218528	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	152530	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	179887	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	173166	0.00	ng/ul	0.00
19) Nitrobenzene-d5	8.46	128	79563	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	87110	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	154679	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	186482	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.41	166	461477	0.00	ng/ul	0.00
47) Acenaphthylene-d8	13.66	160	536111	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.25	143	57398	0.00	ng/ul	0.00
58) Fluorene-d10	14.98	176	390878	0.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	326	0.09	ng/ul	0.10
71) Anthracene-d10	16.83	188	600022	20.33	ng/ul	0.00
79) Pyrene-d10	19.14	212	685162	33633.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	826175	18.72	ng/ul	0.00
Target Compounds						Qvalue
64) 4,6-Dinitro-2-methylphenol	15.14	198	134	0.034	ng/ul#	1
70) Phenanthrene	16.83	178	128	0.003	ng/ul#	1
72) Anthracene	16.83	178	128	0.003	ng/ul#	1
80) Pyrene	19.15	202	937	33.729	ng/ul#	1
81) Butylbenzylphthalate	20.12	149	378	38.356	ng/ul#	17
82) 3,3'-Dichlorobenzidine	21.00	252	58	7.340	ng/ul#	26
83) Benzo(a)anthracene	21.01	228	55	2.038	ng/ul#	52
84) Bis(2-ethylhexyl)phthalate	20.93	149	233	15.875	ng/ul#	53
85) Chrysene	21.02	228	73	2.727	ng/ul#	50
87) Di-n-octyl phthalate	21.63	149	119	0.002	ng/ul	100
88) Benzo(b)fluoranthene	22.29	252	172	0.003	ng/ul#	1
89) Benzo(k)fluoranthene	22.32	252	316	0.006	ng/ul#	1
91) Benzo(a)pyrene	22.79	252	292	0.006	ng/ul#	1

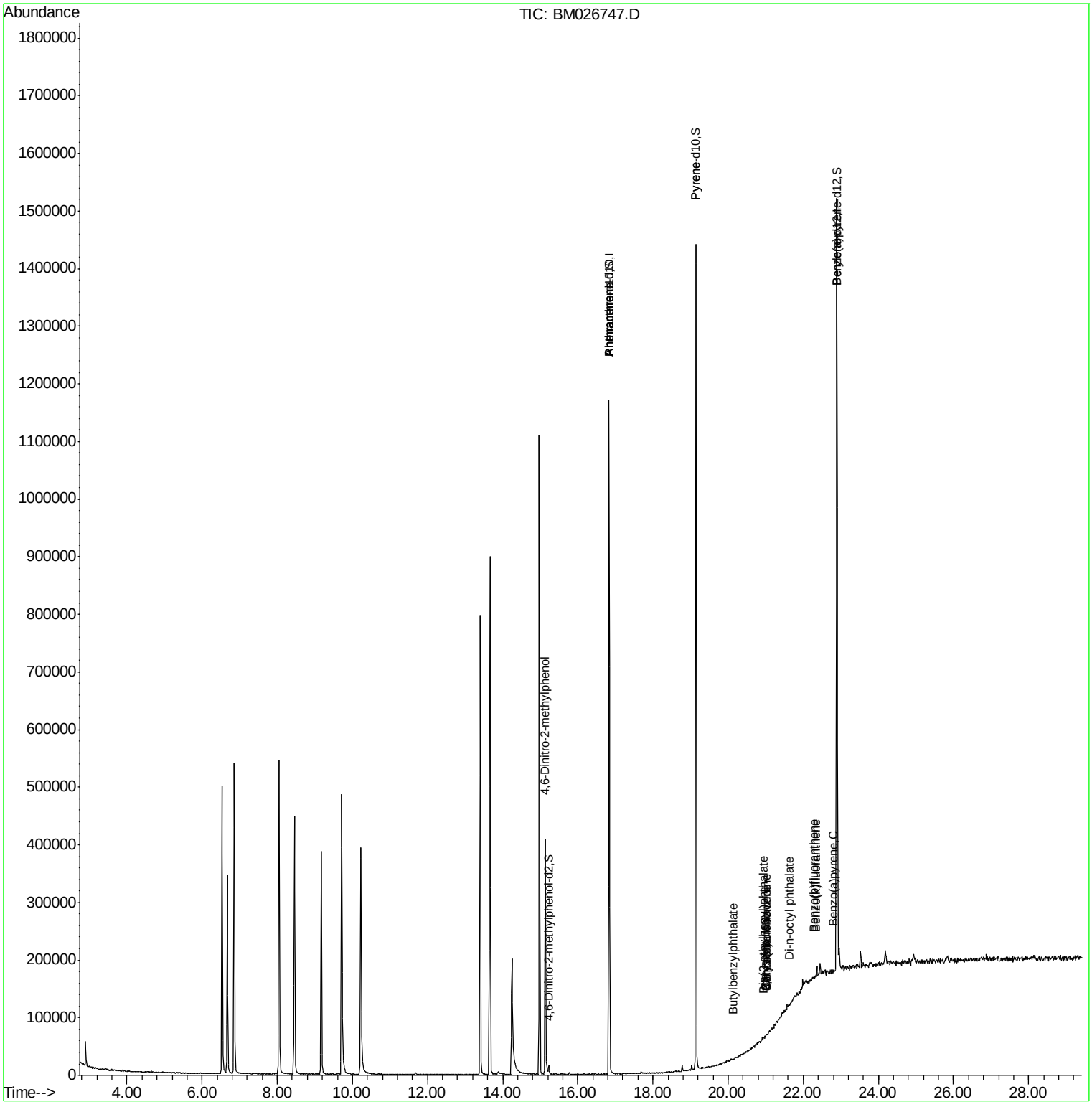
(#) = qualifier out of range (m) = manual integration (+) = signals summed

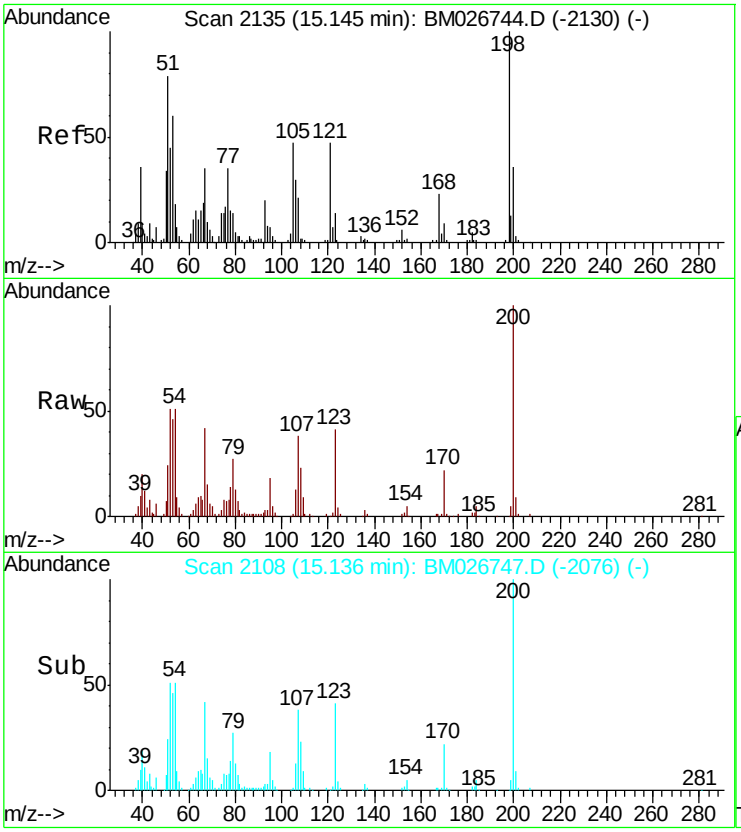
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026747.D
Acq On : 14 Jul 2020 11:41
Operator : JU/CG
Sample : PB130164BL
Misc : PBBL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK64

Quant Time: Jul 14 12:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration



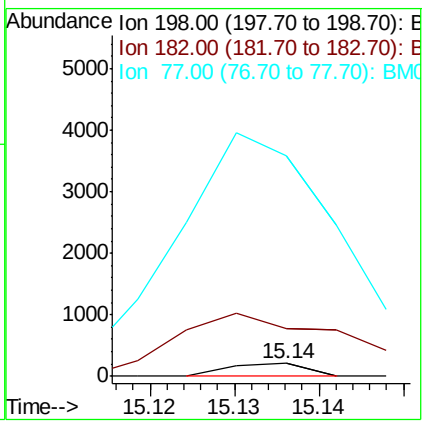


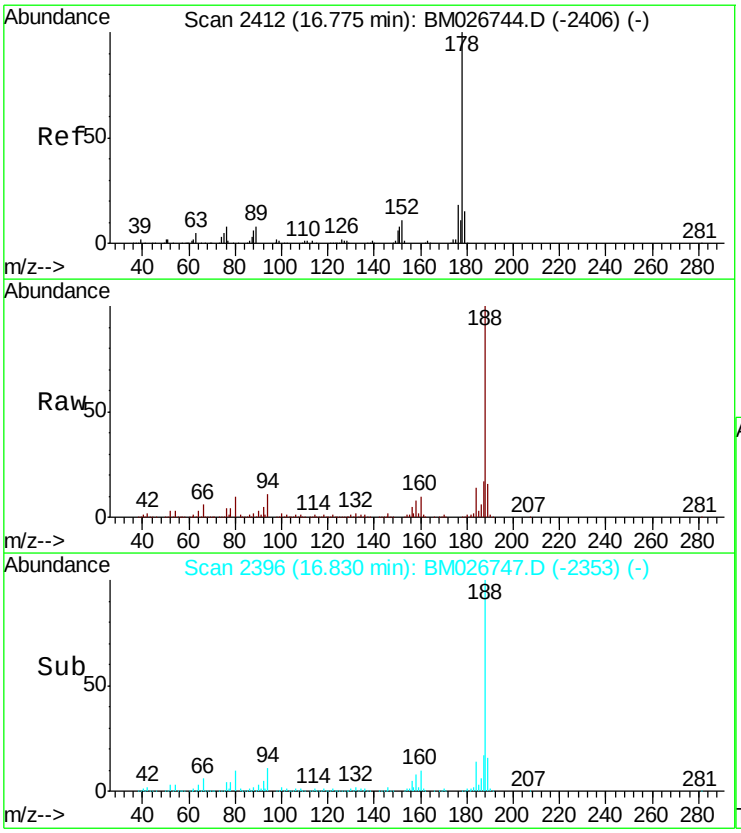
#64
4,6-Dinitro-2-methylphenol
Concen: 0.034 ng/ul
RT: 15.14 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Instrument :
BNA_M
ClientSampleId :
SBLK64

Tgt Ion:198 Resp: 134

Ion	Ratio	Lower	Upper
198	100		
182	365.7	4.0	6.0#
77	1685.0	26.7	40.1#

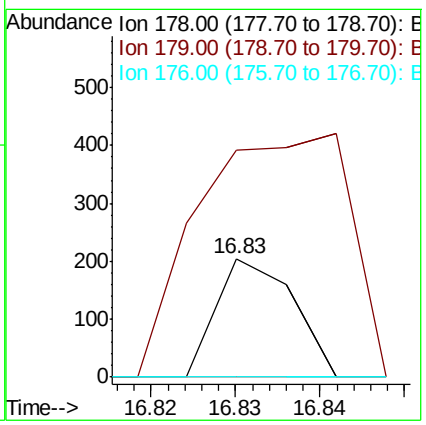


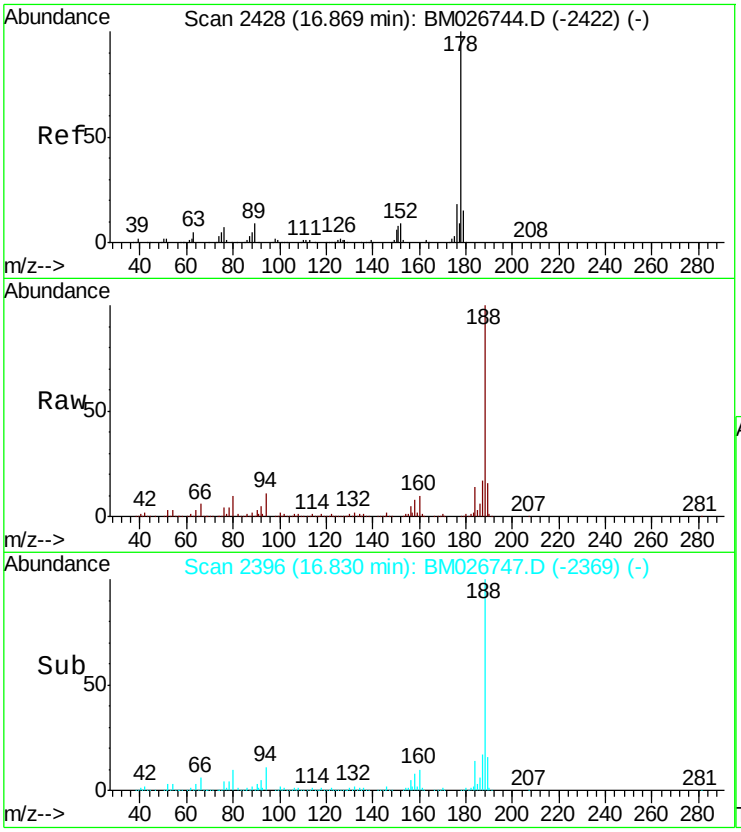


#70
Phenanthrene
Concen: 0.003 ng/ul
RT: 16.83 min Scan# 2396
Delta R.T. 0.06 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Tgt Ion:178 Resp: 128

Ion	Ratio	Lower	Upper
178	100		
179	192.2	12.4	18.6#
176	0.0	14.3	21.5#



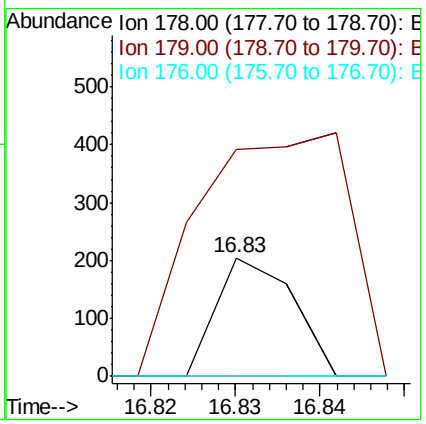


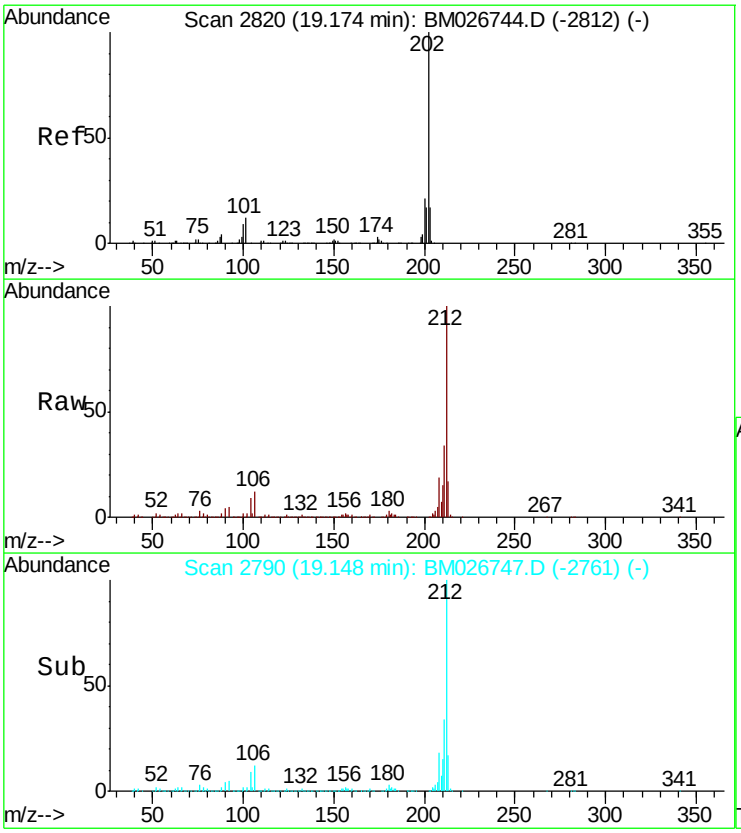
#72
Anthracene
Concen: 0.003 ng/ul
RT: 16.83 min Scan# 2396
Delta R.T. -0.04 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Instrument :
BNA_M
ClientSampleId :
SBLK64

Tgt Ion:178 Resp: 128

Ion	Ratio	Lower	Upper
178	100		
179	192.2	11.8	17.6#
176	0.0	14.7	22.1#

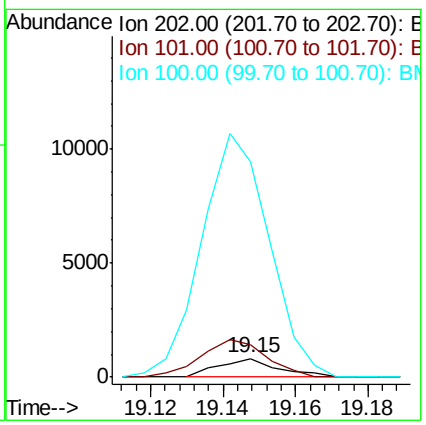


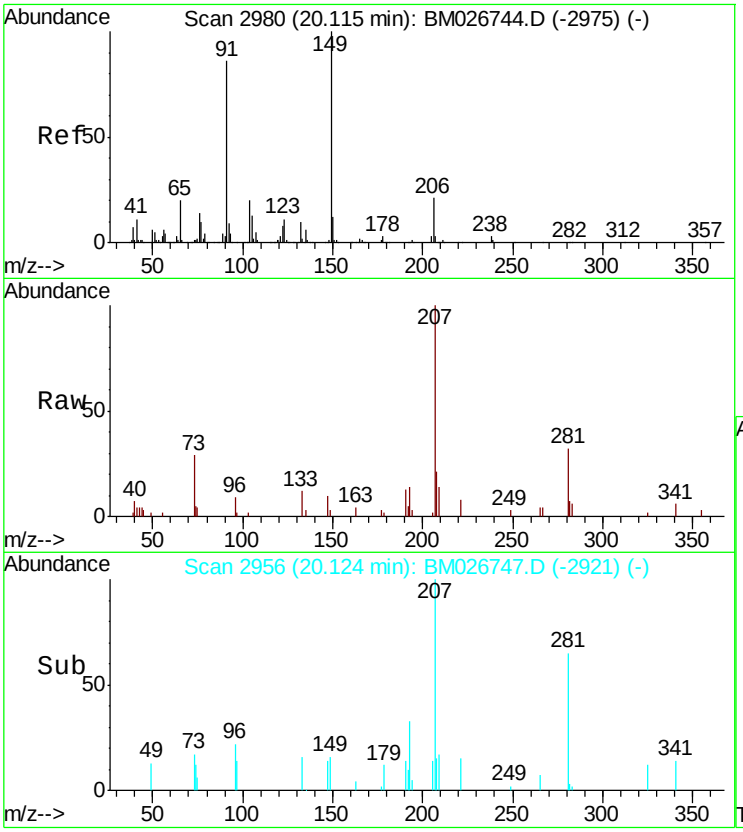


#80
Pyrene
Concen: 33.729 ng/ul
RT: 19.15 min Scan# 2790
Delta R.T. -0.03 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Tgt Ion:202 Resp: 937

Ion	Ratio	Lower	Upper
202	100		
101	178.4	9.4	14.2#
100	1166.8	8.0	12.0#



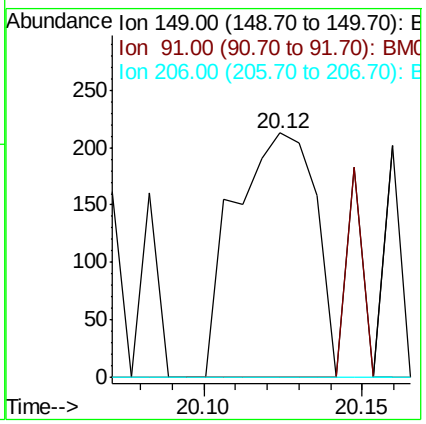


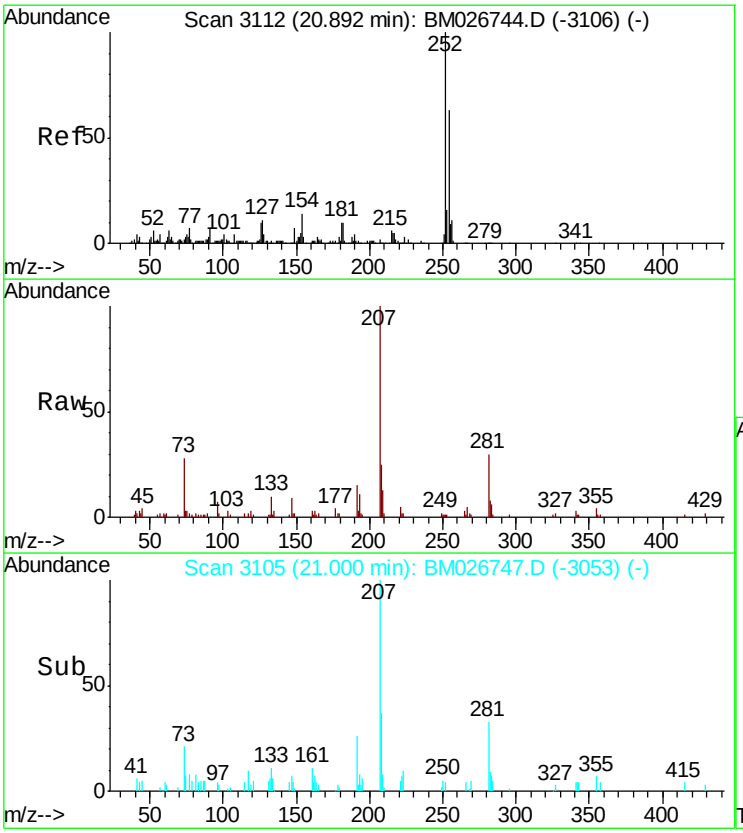
#81
Butylbenzylphthalate
Concen: 38.356 ng/ul
RT: 20.12 min Scan# 2956
Delta R.T. 0.01 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Instrument :
BNA_M
ClientSampleId :
SBLK64

Tgt Ion:149 Resp: 378

Ion	Ratio	Lower	Upper
149	100		
91	0.0	66.4	99.6#
206	0.0	16.3	24.5#

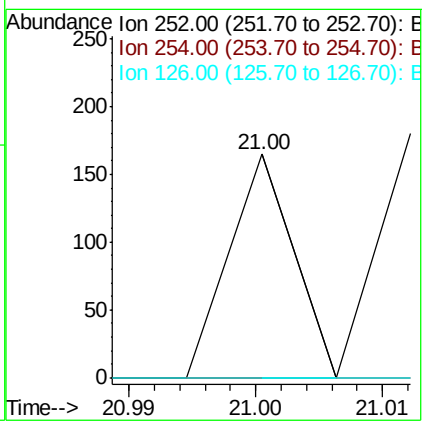


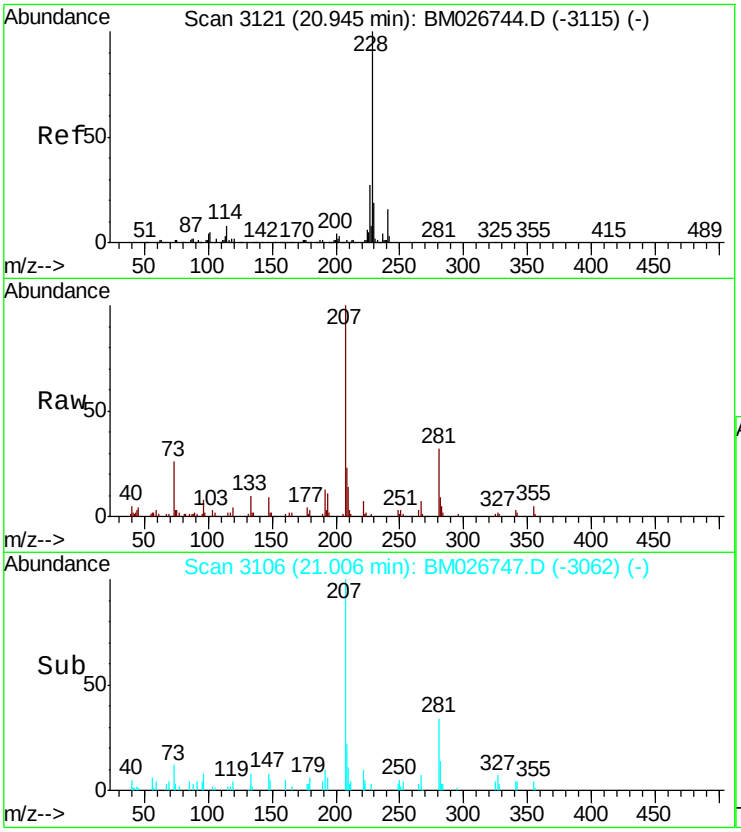


#82
3,3'-Dichlorobenzidine
Concen: 7.340 ng/ul
RT: 21.00 min Scan# 3105
Delta R.T. 0.11 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Tgt Ion:252 Resp: 58

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.3	76.9#
126	0.0	8.1	12.1#



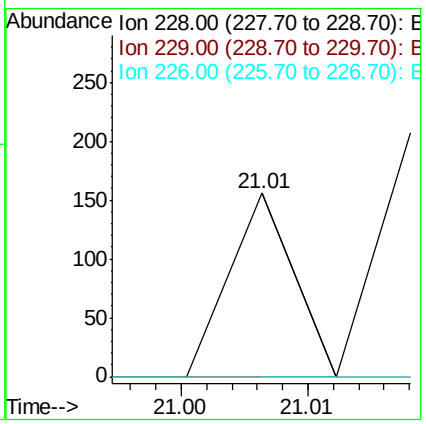


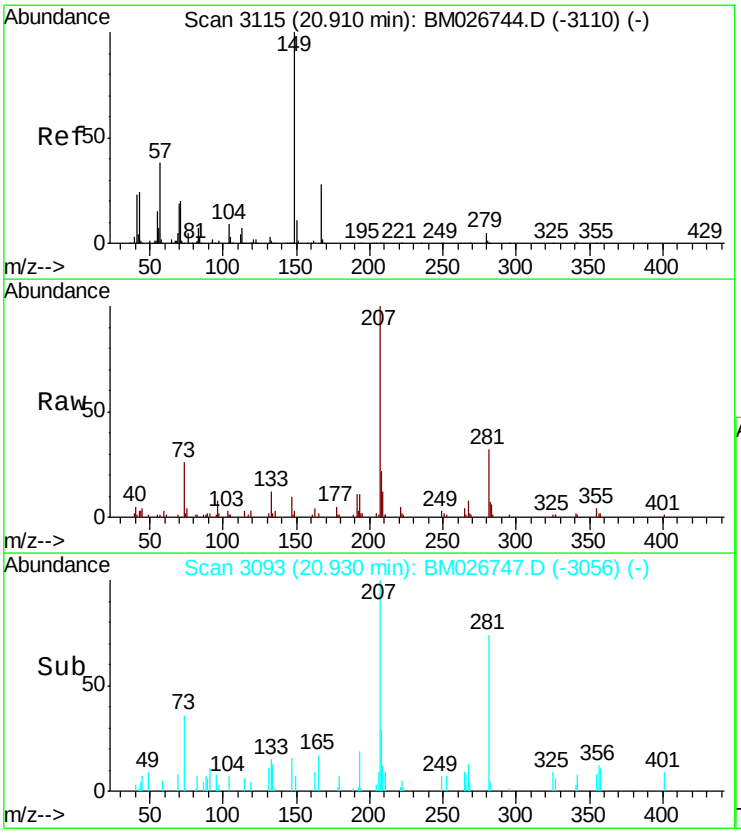
#83
Benzo(a)anthracene
Concen: 2.038 ng/ul
RT: 21.01 min Scan# 3106
Delta R.T. 0.06 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Instrument :
BNA_M
ClientSampleId :
SBLK64

Tgt Ion:228 Resp: 55

Ion	Ratio	Lower	Upper
228	100		
229	0.0	15.4	23.0#
226	0.0	21.2	31.8#

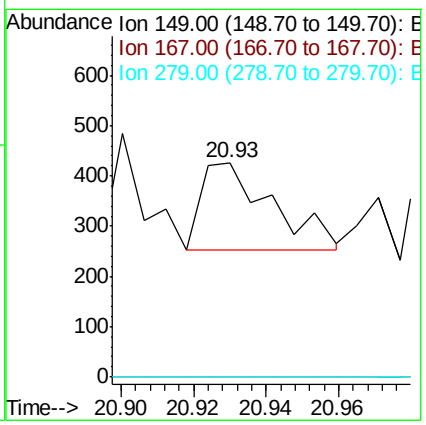


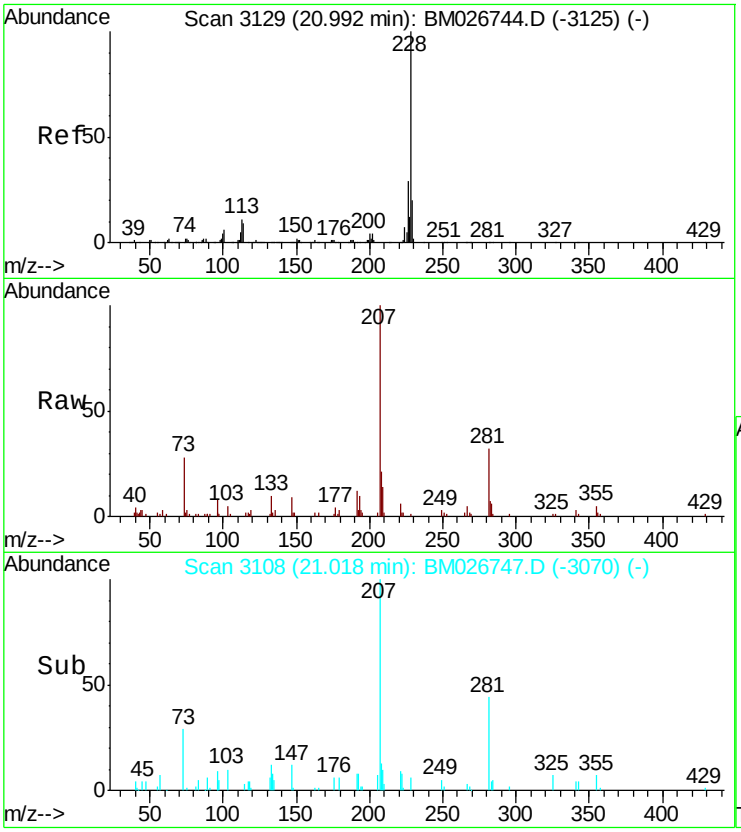


#84
Bis(2-ethylhexyl)phthalate
Concen: 15.875 ng/ul
RT: 20.93 min Scan# 3093
Delta R.T. 0.02 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Tgt Ion:149 Resp: 233

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.6	5.4#



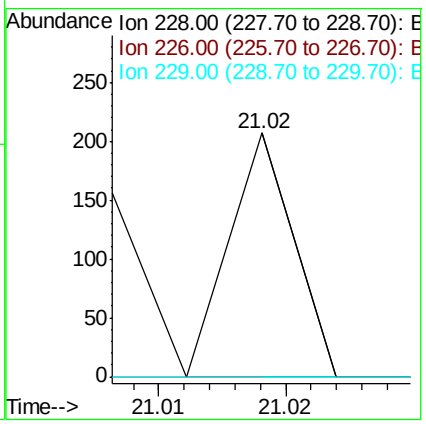


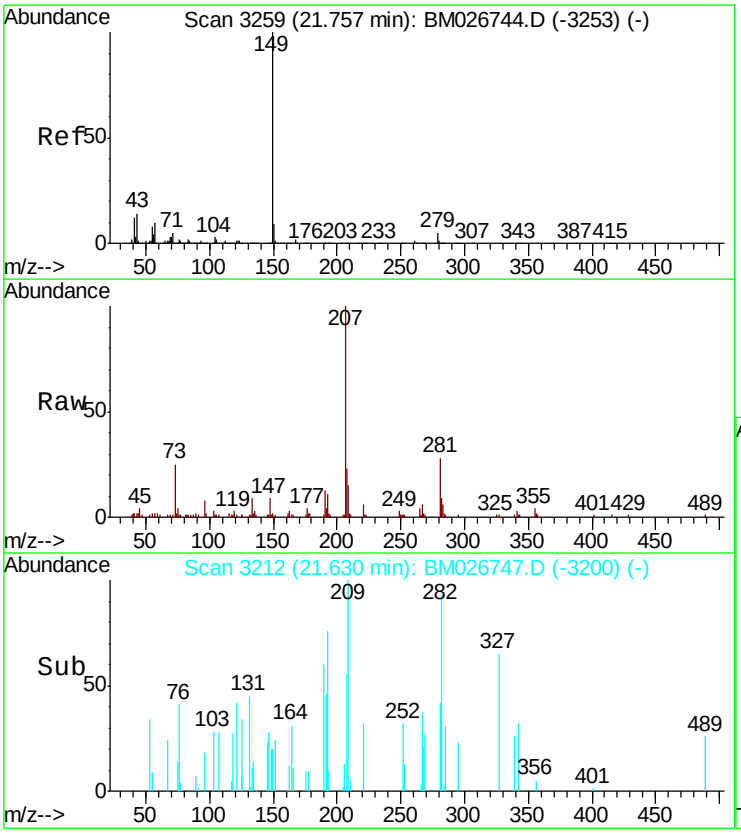
#85
Chrysene
Concen: 2.727 ng/ul
RT: 21.02 min Scan# 3108
Delta R.T. 0.03 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Instrument :
BNA_M
ClientSampleId :
SBLK64

Tgt Ion:228 Resp: 73

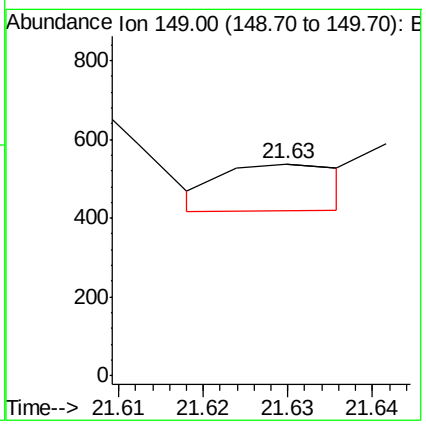
Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	0.0	15.5	23.3#

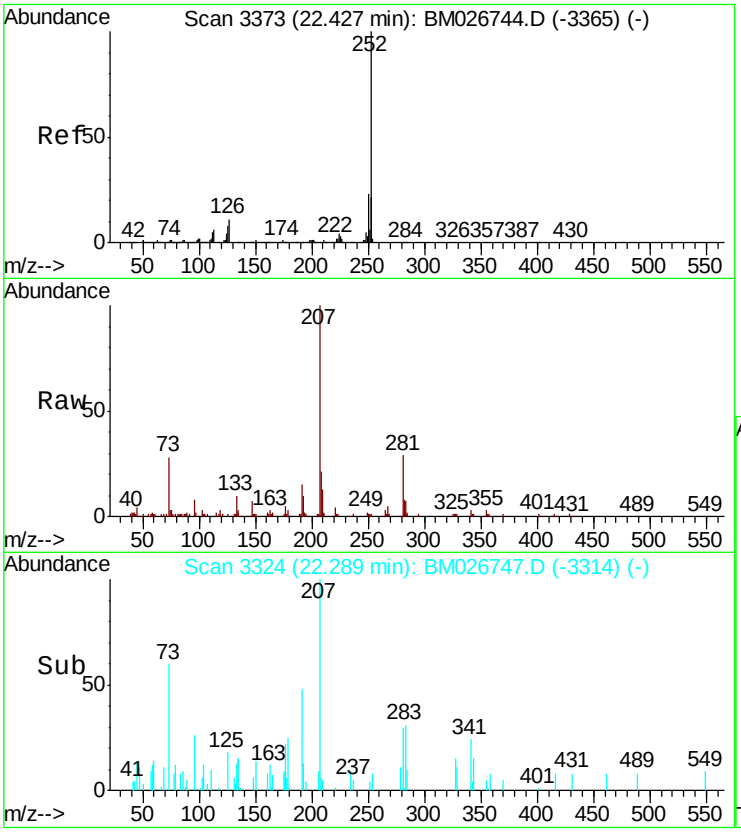




#87
Di-n-octyl phthalate
Concen: 0.002 ng/ul
RT: 21.63 min Scan# 3212
Delta R.T. -0.13 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Tgt Ion:149 Resp: 119



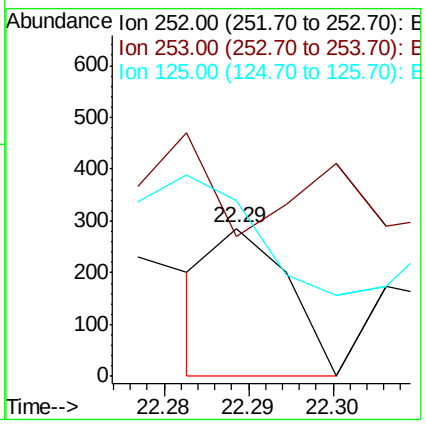


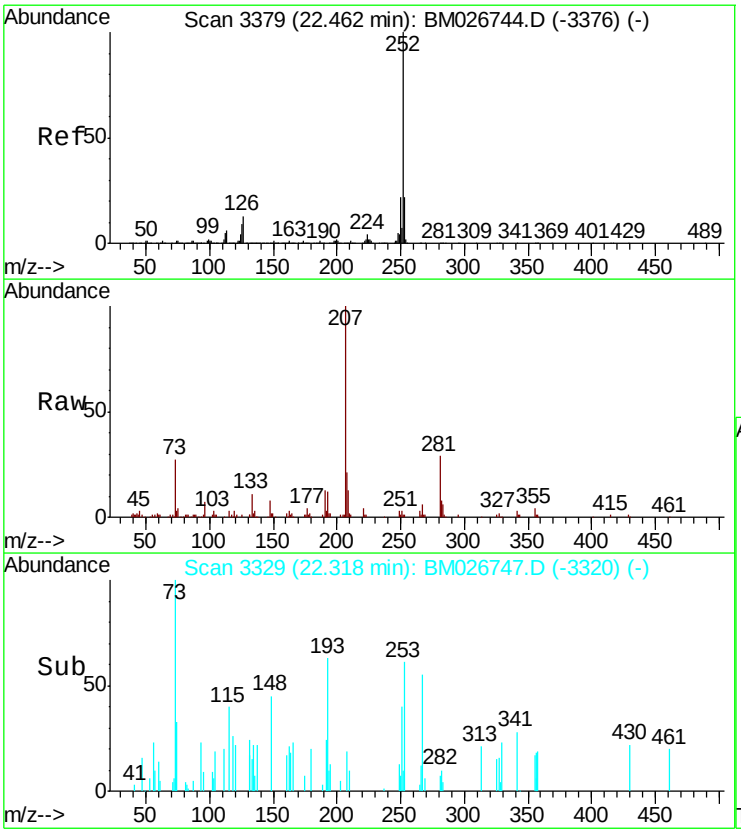
#88
Benzo(b)fluoranthene
Concen: 0.003 ng/ul
RT: 22.29 min Scan# 3324
Delta R.T. -0.14 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Instrument :
BNA_M
ClientSampleId :
SBLK64

Tgt Ion:252 Resp: 172

Ion	Ratio	Lower	Upper
252	100		
253	94.4	17.2	25.8#
125	118.9	7.6	11.4#

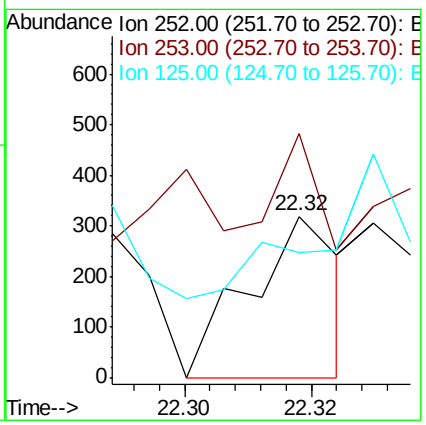


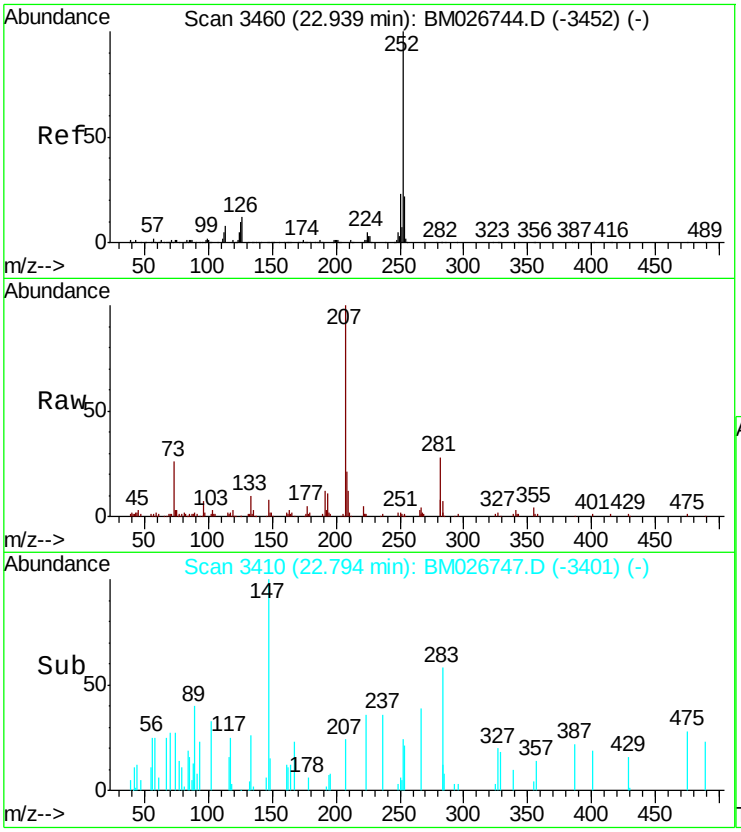


#89
Benzo(k)fluoranthene
Concen: 0.006 ng/ul
RT: 22.32 min Scan# 3329
Delta R.T. -0.14 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Tgt Ion:252 Resp: 316

Ion	Ratio	Lower	Upper
252	100		
253	151.6	17.1	25.7#
125	78.0	7.7	11.5#





#91
Benzo(a)pyrene
Concen: 0.006 ng/ul
RT: 22.79 min Scan# 3410
Delta R.T. -0.14 min
Lab File: BM026747.D
Acq: 14 Jul 2020 11:41

Instrument :
BNA_M
ClientSampleId :
SBLK64

Tgt Ion:252 Resp: 292

Ion	Ratio	Lower	Upper
252	100		
253	68.7	17.4	26.0#
125	88.5	7.5	11.3#