Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026147.D
Acq On : 27 May 2020 16:08
Operator : MA/SJ
Sample : L2756-09DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETKX1DL

Quant Time: May 27 16:47:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 27 10:30:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	131027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	537861	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	315818	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	674667	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	733647	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	776633	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	9815	2.26	ng/uL	0.00
5) Phenol-d5	6.68	99	30354	2.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	103815	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	89384	9.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	54497	6.08	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	55573	12.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	52913	12.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	97925	11.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	8780	0.99	ng/ul	0.02
44) Dimethylphthalate-d6	13.55	166	368825	14.56	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	397474	13.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	6857	1.53	ng/ul	0.01
58) Fluorene-d10	15.13	176	320171	14.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	40024	10.17	ng/ul	0.00
71) Anthracene-d10	16.97	188	527602	15.87	ng/ul	0.00
79) Pyrene-d10	19.27	212	636641	16.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	671634	16.25	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.29	128	1458252	44.343	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	82651	2.949	ng/ul	97
45) Dimethylphthalate	13.60	163	28104	1.057	ng/ul	97
48) Acenaphthylene	13.85	152	278192	8.445	ng/ul	98
70) Phenanthrene	16.92	178	150207	3.534	ng/ul	98
72) Anthracene	17.01	178	68326	1.602	ng/ul	99
77) Fluoranthene	18.94	202	138118	3.098	ng/ul	99
80) Pyrene	19.30	202	200606	3.895	ng/ul	97

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

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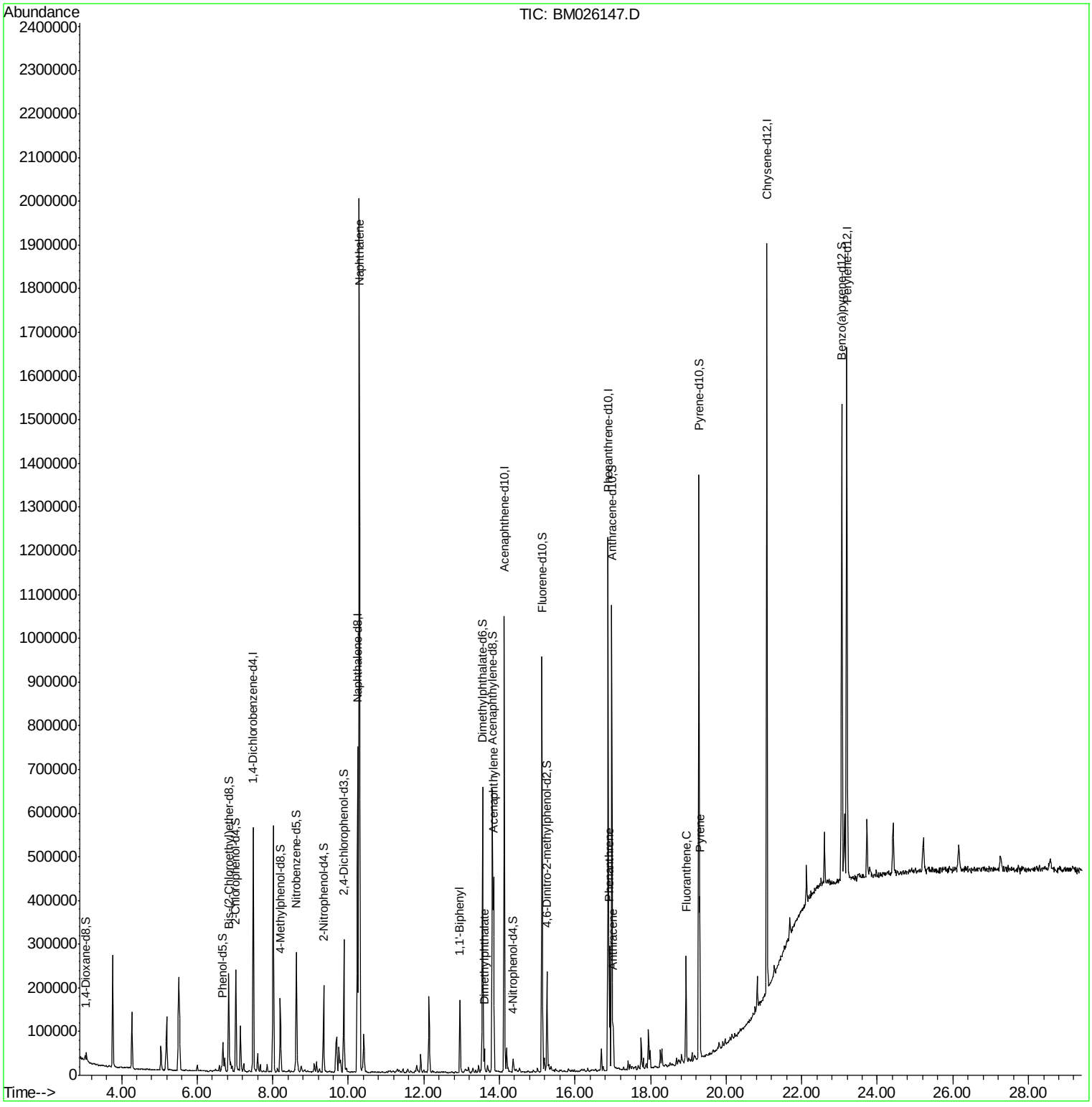
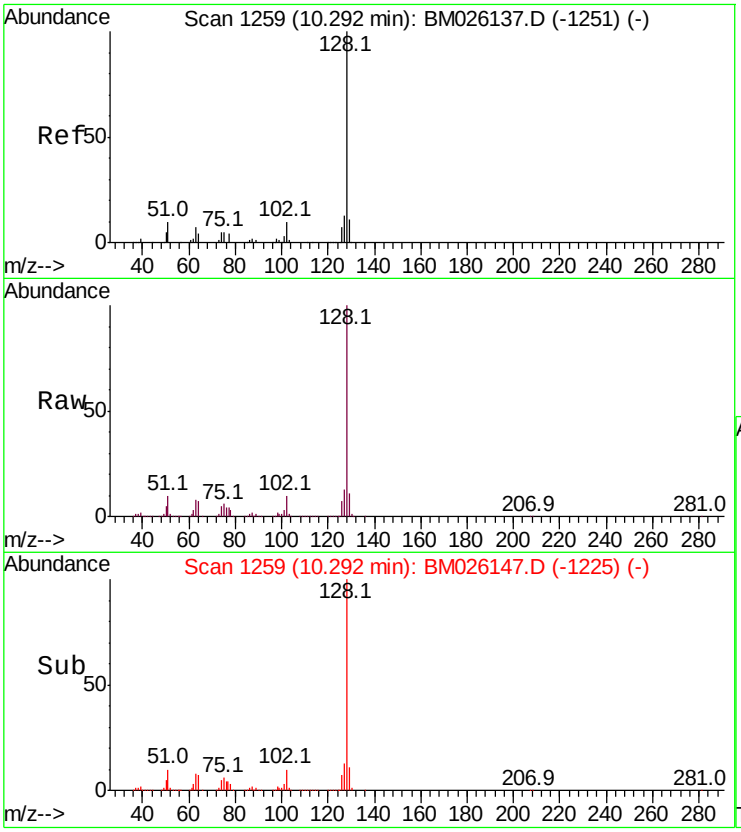


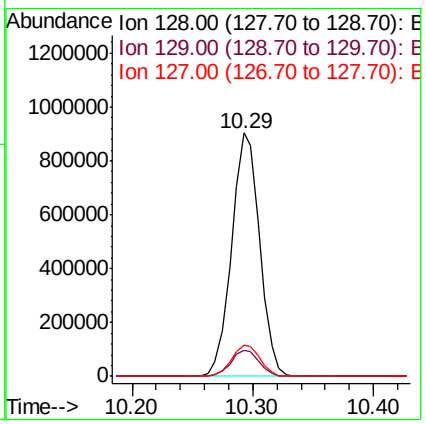


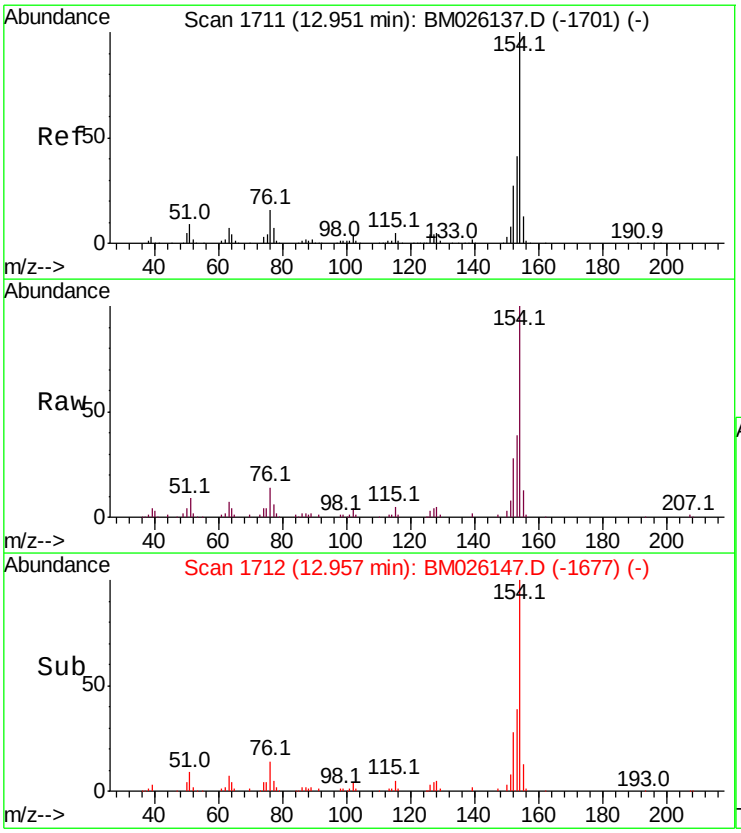
#28
Naphthalene
Concen: 44.343 ng/ul
RT: 10.29 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BM026147.D
Acq: 27 May 2020 16:08

Instrument :
BNA_M
ClientSampleId :
ETKX1DL

Tgt Ion:128 Resp: 1458252

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	12.9	10.6	15.8

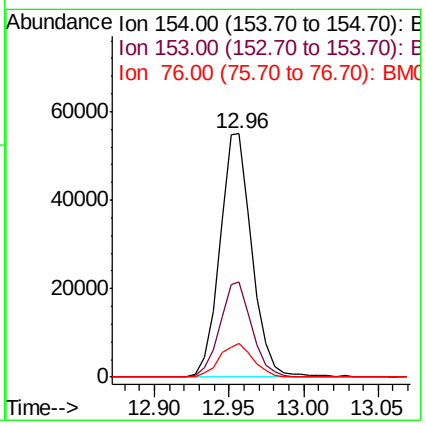


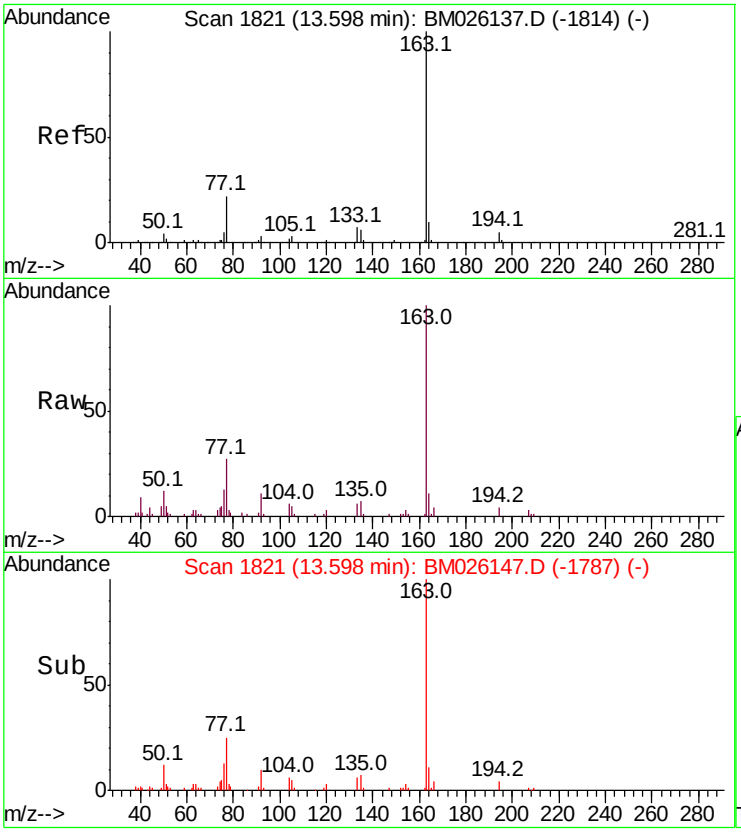


#41
1,1'-Biphenyl
Concen: 2.949 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BM026147.D
Acq: 27 May 2020 16:08

Tgt Ion:154 Resp: 82651

Ion	Ratio	Lower	Upper
154	100		
153	39.2	32.3	48.5
76	13.9	13.0	19.6



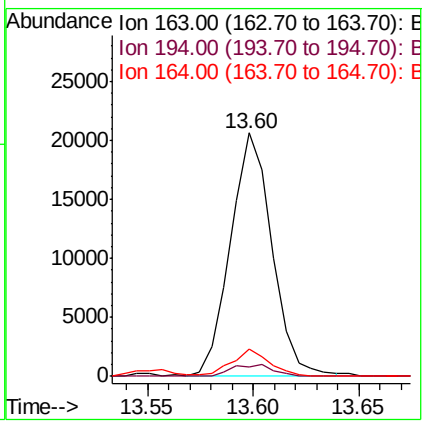


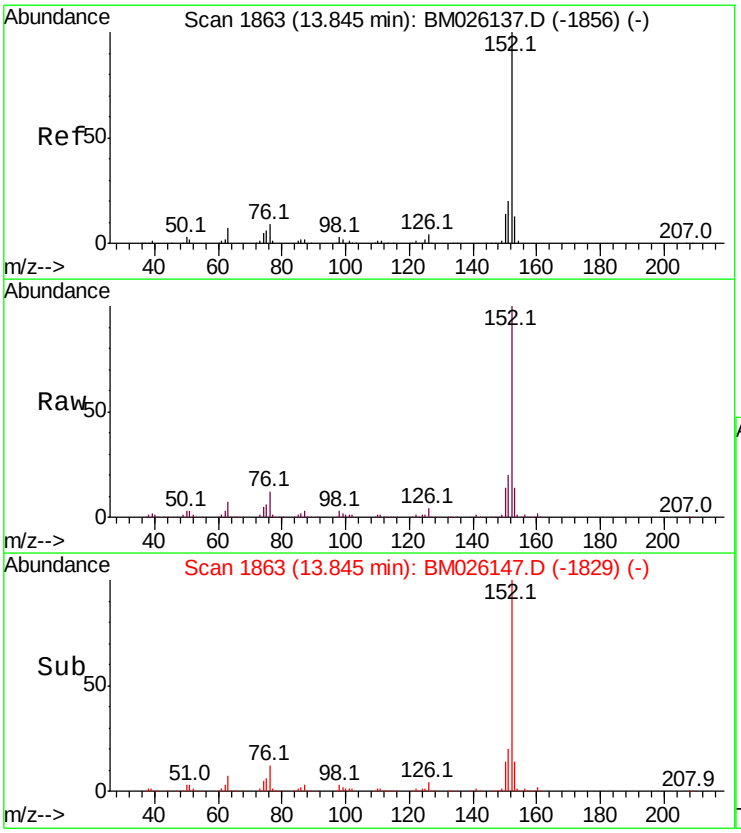
#45
Dimethylphthalate
Concen: 1.057 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM026147.D
Acq: 27 May 2020 16:08

Instrument :
BNA_M
ClientSampleId :
ETKX1DL

Tgt Ion:163 Resp: 28104

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	11.2	8.0	12.0

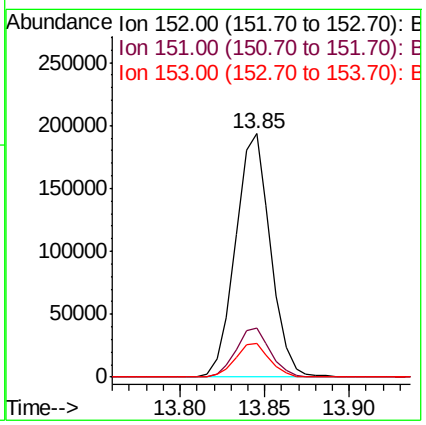


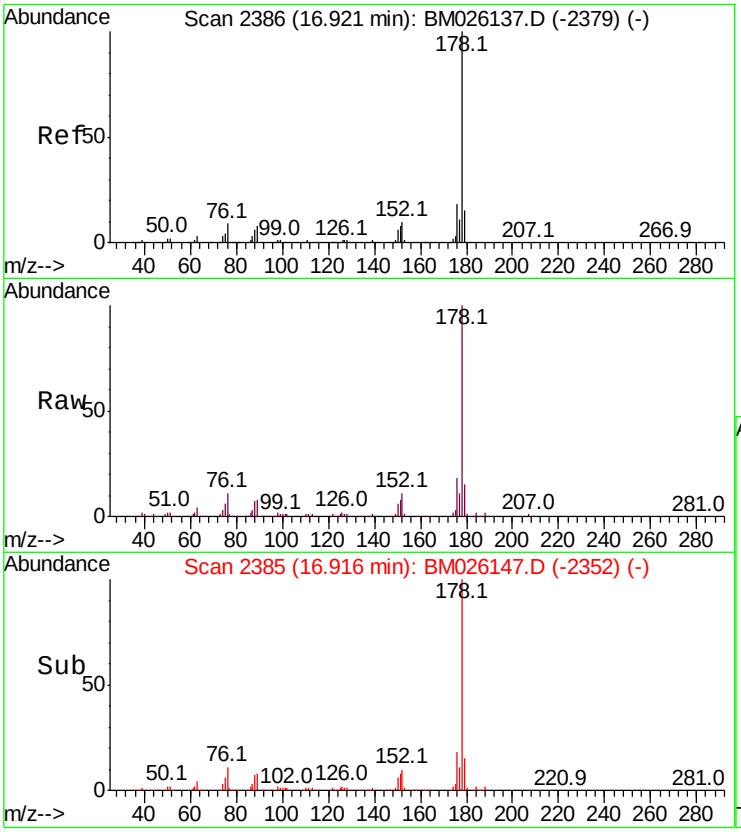


#48
Acenaphthylene
Concen: 8.445 ng/ul
RT: 13.85 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BM026147.D
Acq: 27 May 2020 16:08

Tgt Ion:152 Resp: 278192

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.6	10.2	15.2



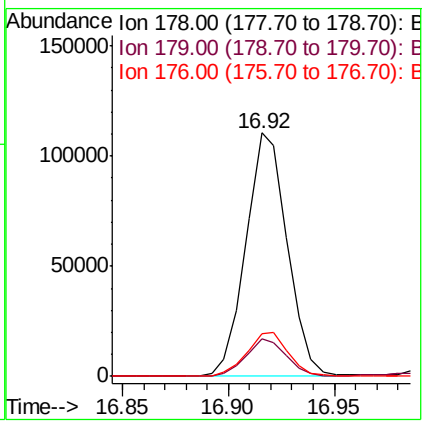


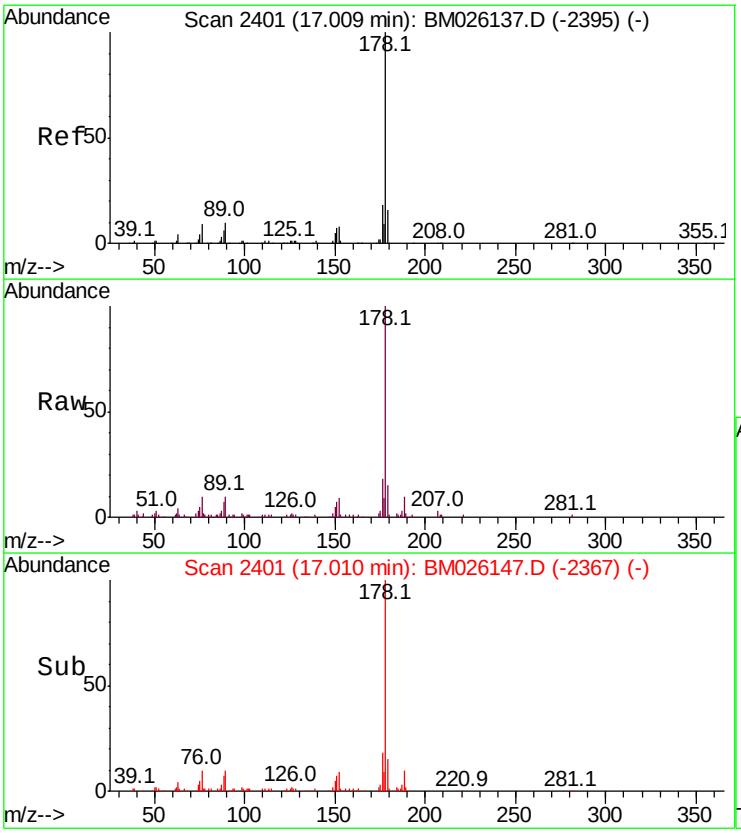
#70
Phenanthrene
Concen: 3.534 ng/ul
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM026147.D
Acq: 27 May 2020 16:08

Instrument :
BNA_M
ClientSampleId :
ETKX1DL

Tgt Ion:178 Resp: 150207

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.9	17.9
176	17.7	14.9	22.3

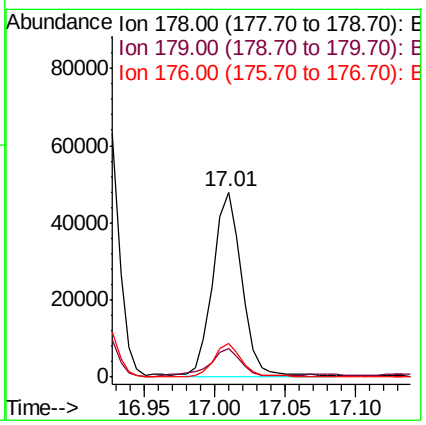


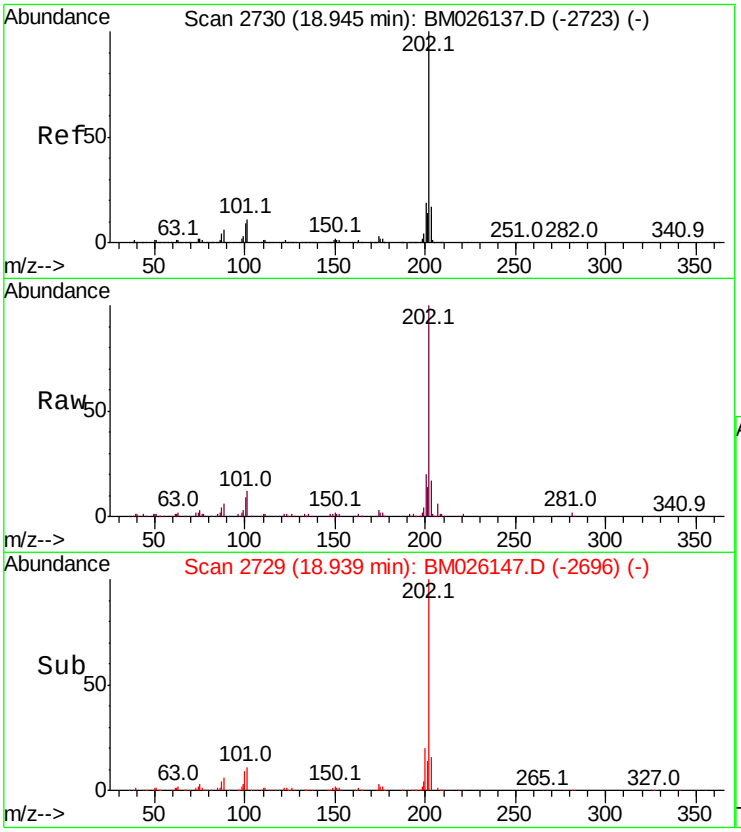


#72
Anthracene
Concen: 1.602 ng/ul
RT: 17.01 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM026147.D
Acq: 27 May 2020 16:08

Tgt Ion:178 Resp: 68326

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	17.9	14.9	22.3



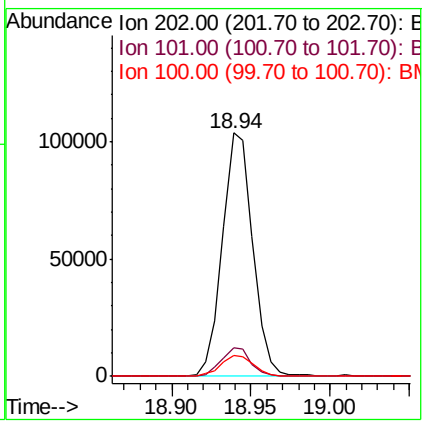


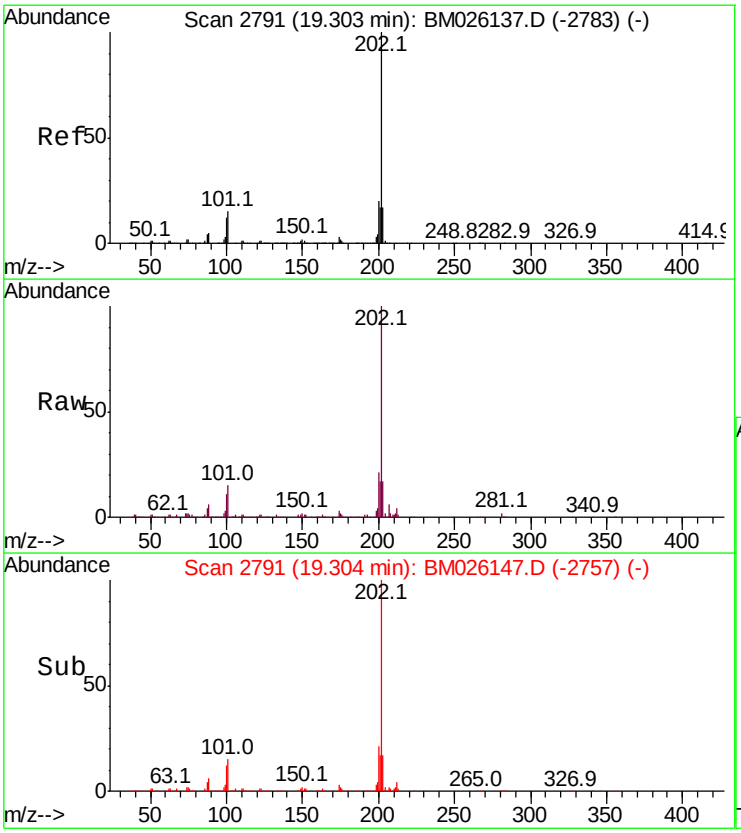
#77
Fluoranthene
Concen: 3.098 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BM026147.D
Acq: 27 May 2020 16:08

Instrument :
BNA_M
ClientSampleId :
ETKX1DL

Tgt Ion:202 Resp: 138118

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.5	14.3
100	8.6	7.6	11.4





#80
Pyrene
Concen: 3.895 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM026147.D
Acq: 27 May 2020 16:08

Tgt Ion:202 Resp: 200606

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.2	18.4
100	11.3	10.2	15.4