Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
Data File : BM026126.D
Acq On : 26 May 2020 23:05
Operator : MA/SJ
Sample : L2756-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 27 03:24:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	154956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	637622	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	380865	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	802190	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	847661	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	881377	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	22635	4.41	ng/uL	0.00
5) Phenol-d5	6.68	99	78638	5.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	251276	25.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	228387	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	145340	13.72	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	145079	27.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	151728	29.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	259581	25.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	30016	2.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	951301	31.15	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1042641	28.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	28430	5.26	ng/ul	0.00
58) Fluorene-d10	15.13	176	802902	30.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	139259	29.77	ng/ul	0.00
71) Anthracene-d10	16.98	188	1365291	34.54	ng/ul	0.00
79) Pyrene-d10	19.28	212	1567263	35.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1617835	34.49	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.30	128	3557375	91.249	ng/ul	99
34) 2-Methylnaphthalene	11.92	142	50000	1.907	ng/ul	98
35) 1-Methylnaphthalene	12.15	142	179886	7.394	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	204015	6.037	ng/ul	99
45) Dimethylphthalate	13.60	163	72196	2.251	ng/ul#	98
48) Acenaphthylene	13.84	152	722915	18.198	ng/ul	99
50) Acenaphthene	14.19	153	48310	1.724	ng/ul	97
59) Fluorene	15.19	166	35034	1.100	ng/ul	94
70) Phenanthrene	16.92	178	374805	7.417	ng/ul	99
72) Anthracene	17.01	178	170830	3.370	ng/ul	98
77) Fluoranthene	18.94	202	344381	6.497	ng/ul	98
80) Pyrene	19.31	202	490342	8.240	ng/ul	97

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

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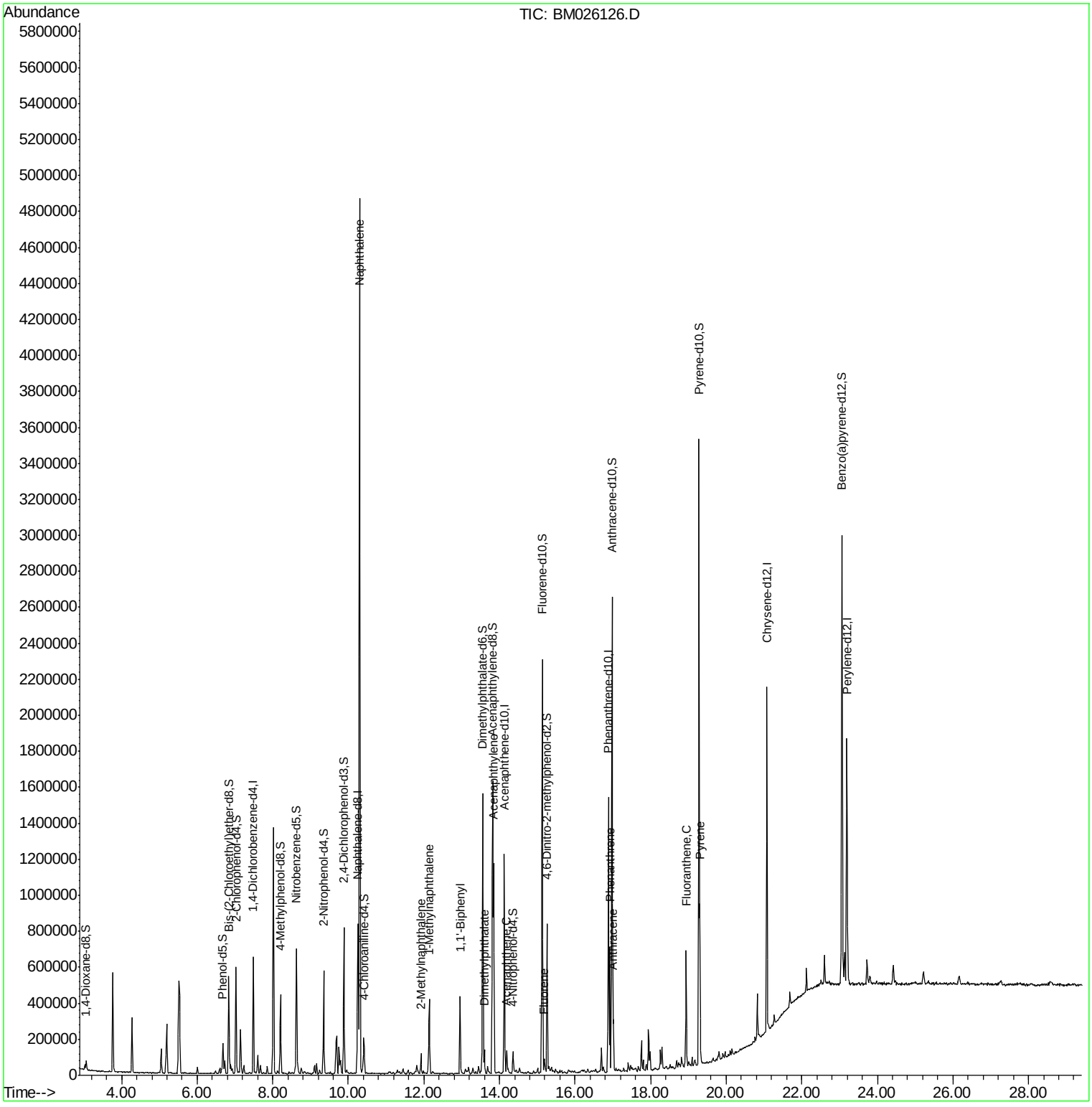
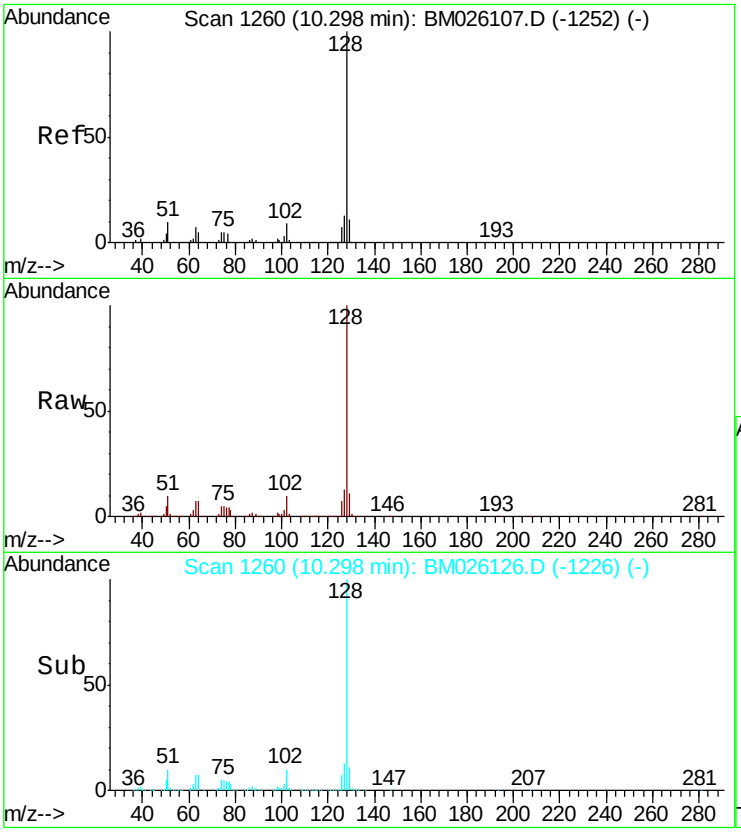
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 27 03:24:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration



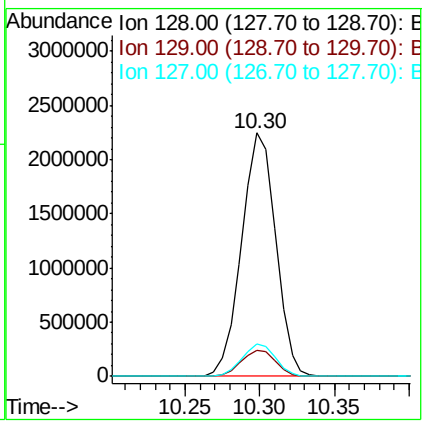


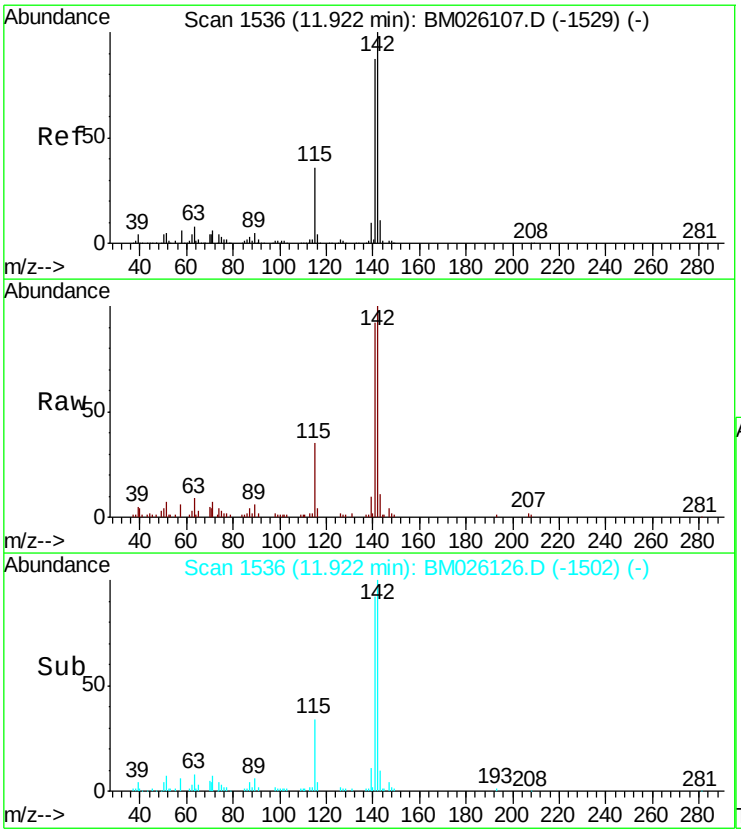
#28
Naphthalene
Concen: 91.249 ng/ul
RT: 10.30 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 3557375

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.1	10.6	15.8

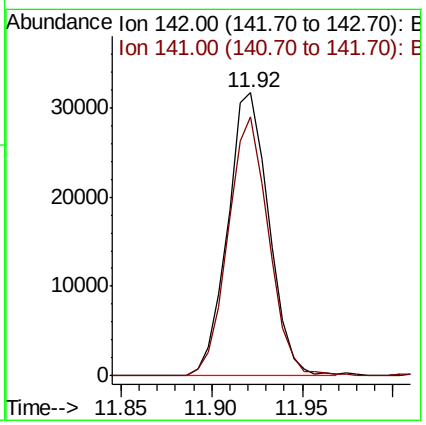


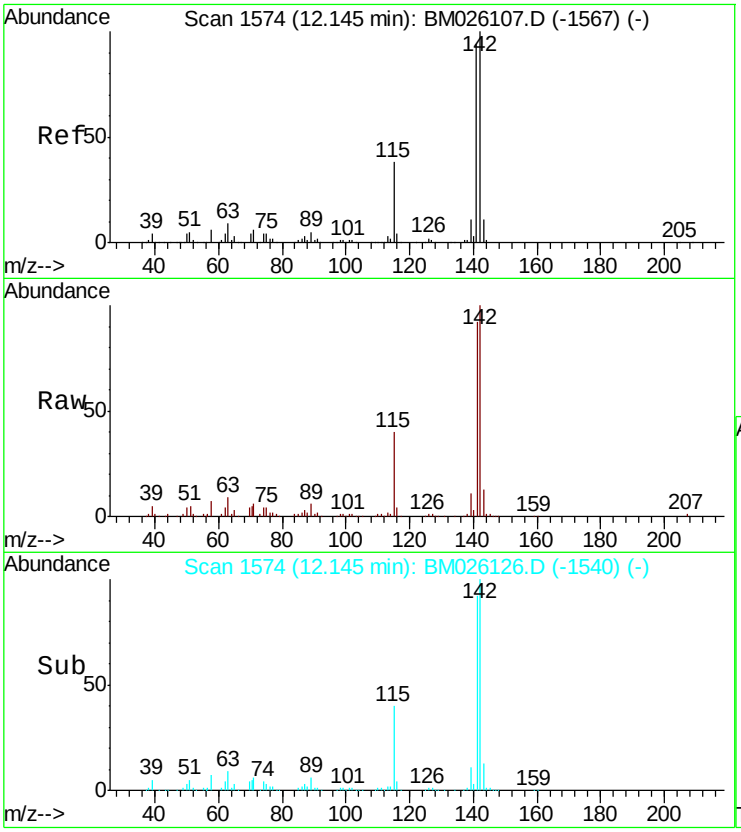


#34
2-Methylnaphthalene
Concen: 1.907 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Tgt Ion:142 Resp: 50000

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.8	107.6



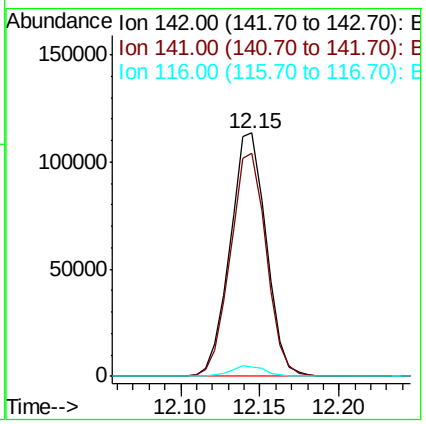


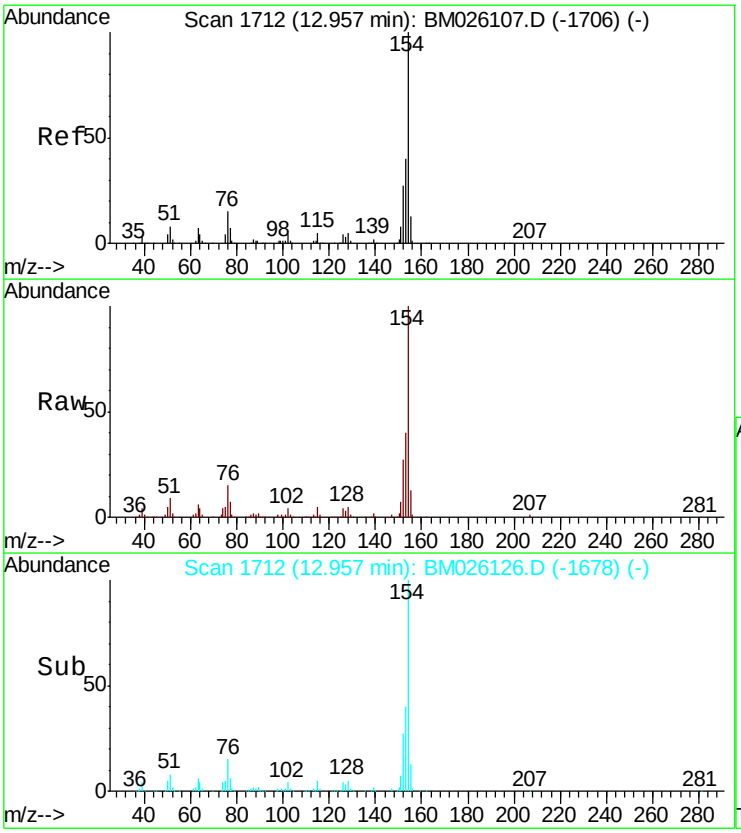
#35
1-Methylnaphthalene
Concen: 7.394 ng/ul
RT: 12.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 179886

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.0	109.4
116	3.7	3.3	4.9

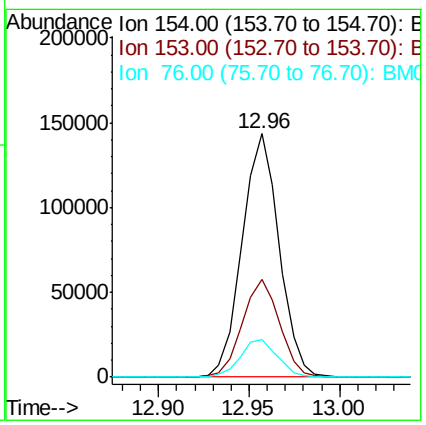


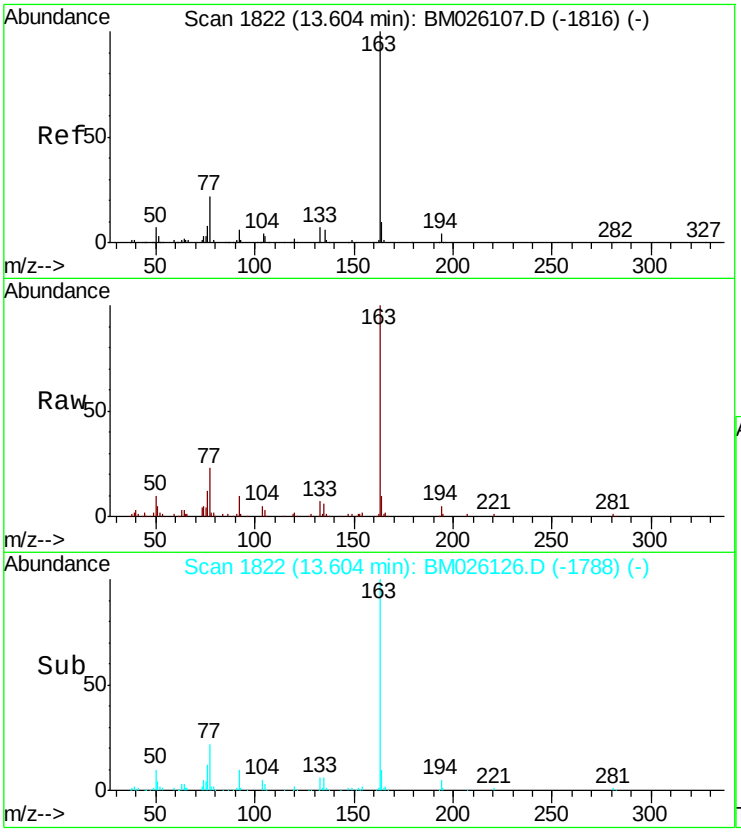


#41
1,1'-Biphenyl
Concen: 6.037 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Tgt Ion:154 Resp: 204015

Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.3	48.5
76	15.2	13.0	19.6



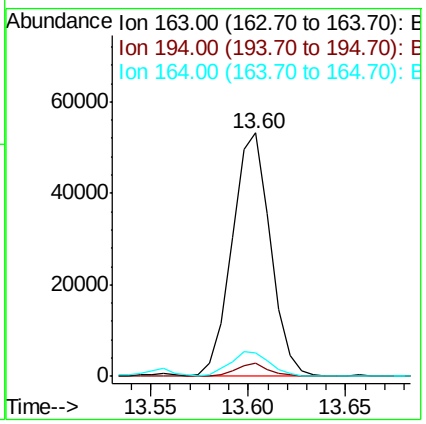


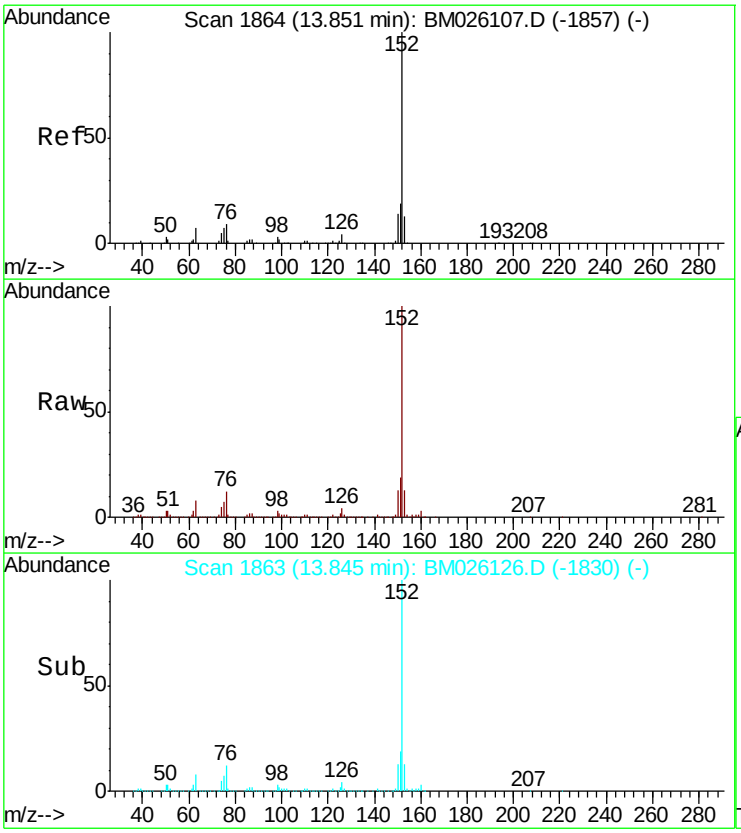
#45
Dimethylphthalate
Concen: 2.251 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 72196

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.2	4.8#
164	9.6	8.0	12.0

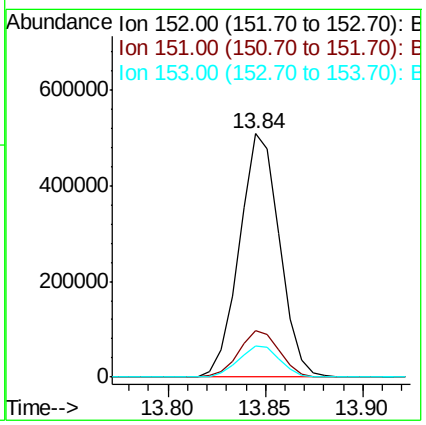


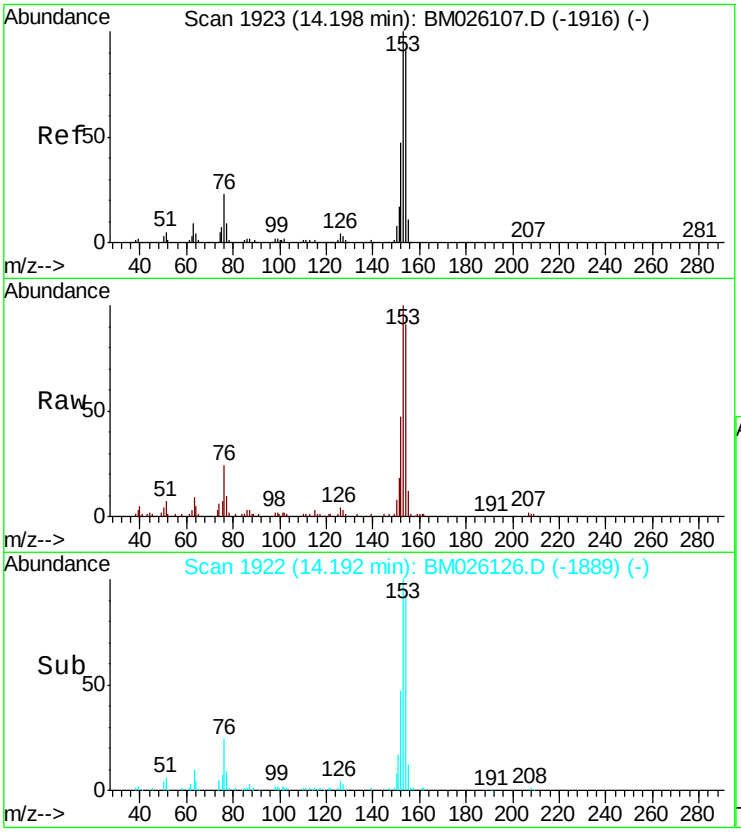


#48
Acenaphthylene
Concen: 18.198 ng/ul
RT: 13.84 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Tgt Ion:152 Resp: 722915

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	13.0	10.2	15.2



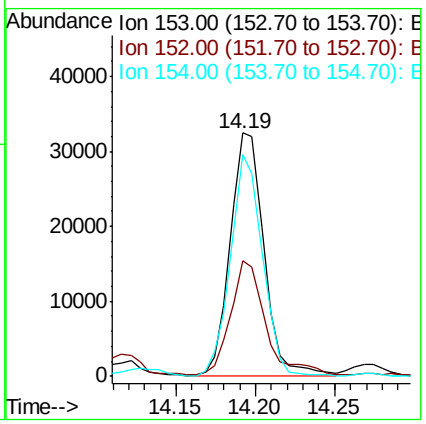


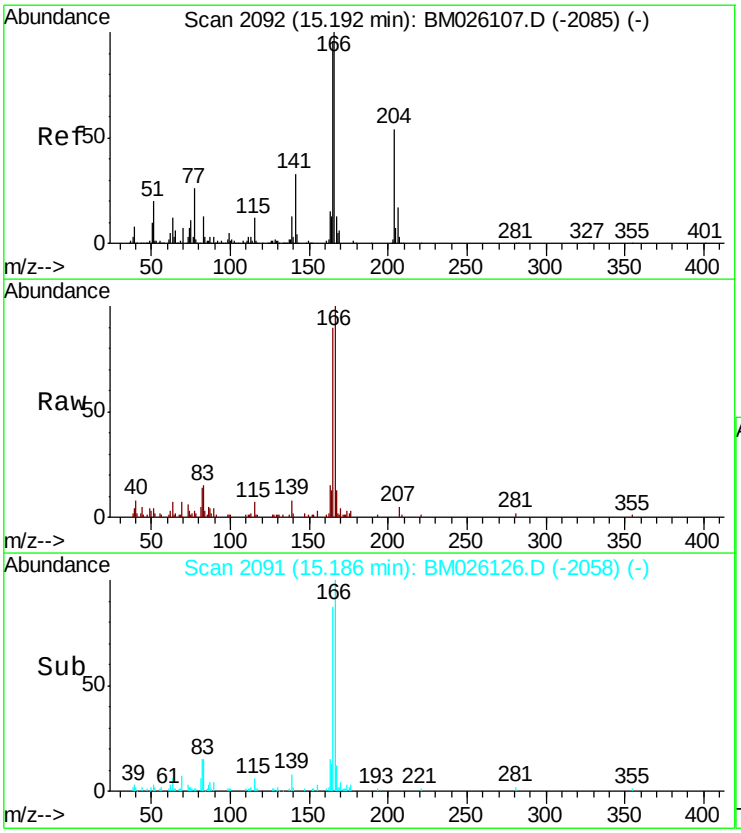
#50
Acenaphthene
Concen: 1.724 ng/ul
RT: 14.19 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 48310

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.2	55.8
154	91.3	69.8	104.8

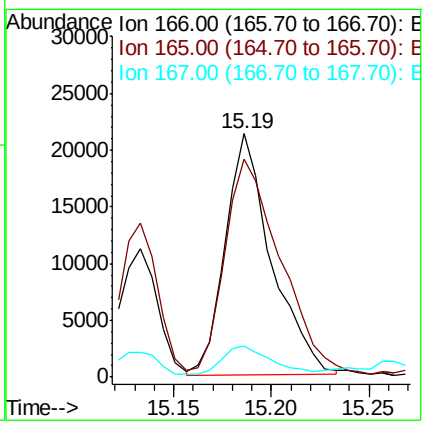


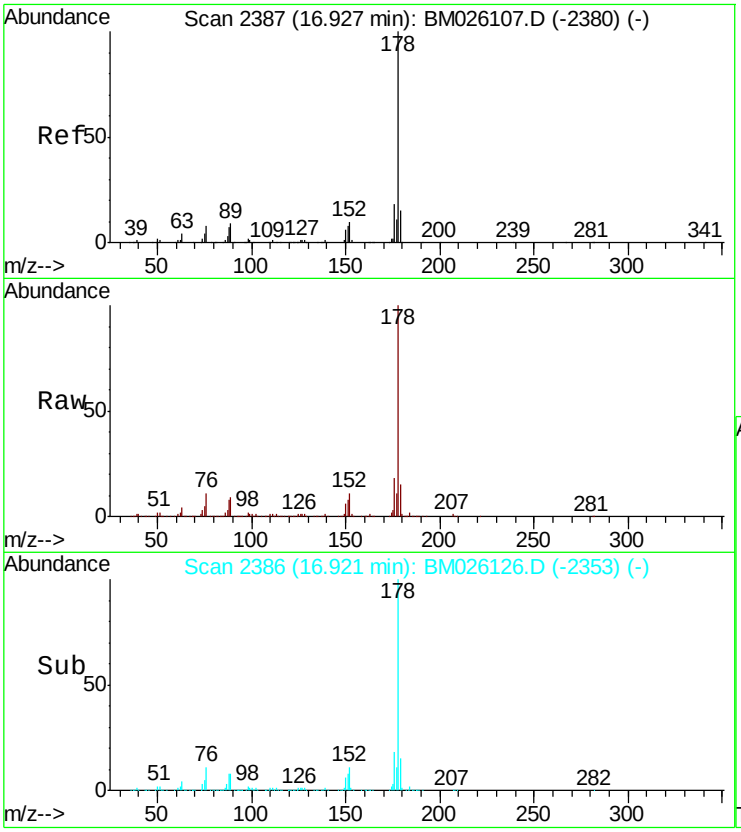


#59
Fluorene
Concen: 1.100 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Tgt Ion:166 Resp: 35034

Ion	Ratio	Lower	Upper
166	100		
165	89.7	77.3	115.9
167	12.7	10.6	16.0



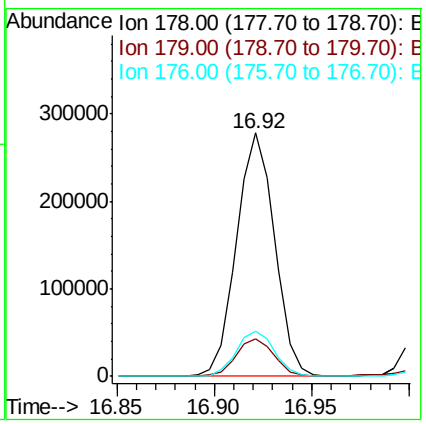


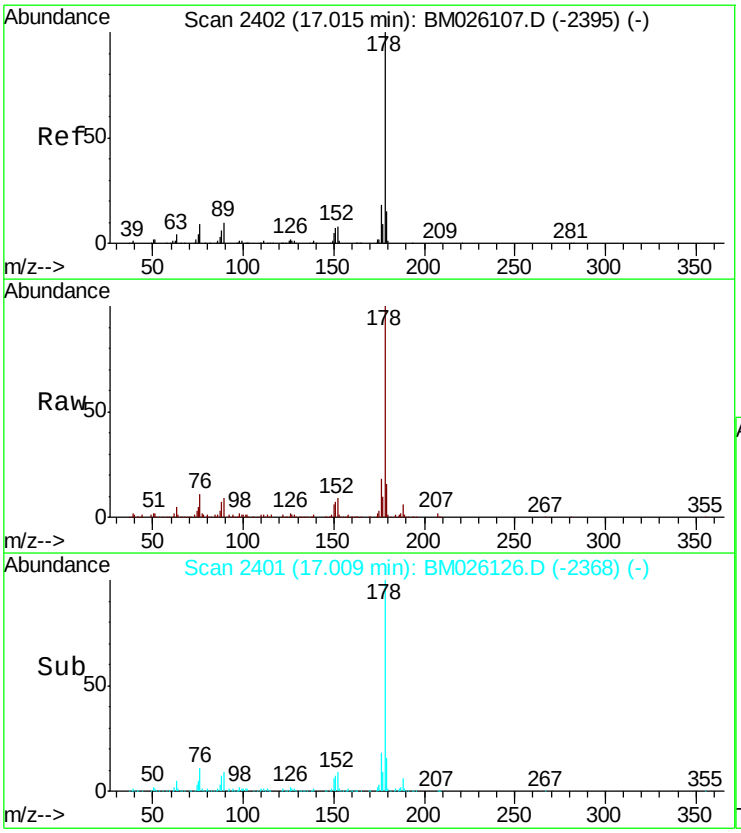
#70
Phenanthrene
Concen: 7.417 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 374805

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.5	14.9	22.3

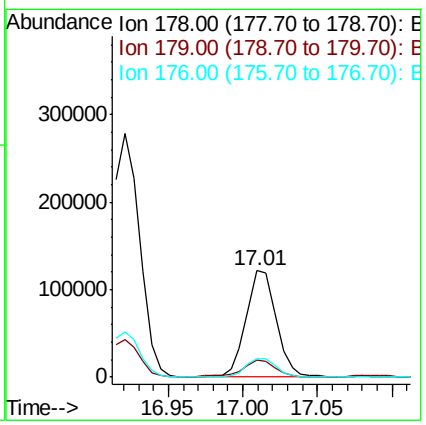


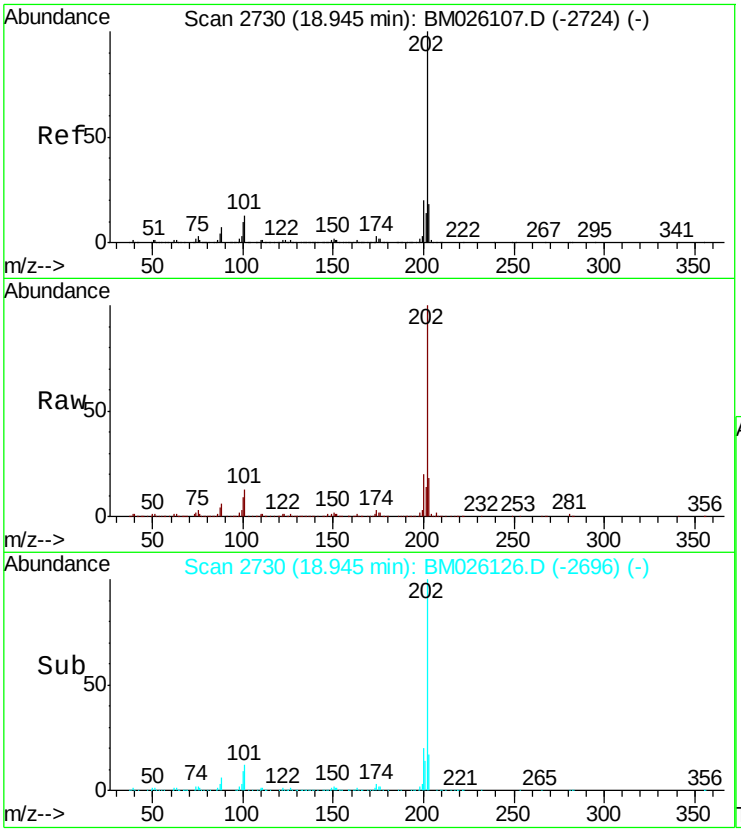


#72
Anthracene
Concen: 3.370 ng/ul
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Tgt Ion:178 Resp: 170830

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	17.8	14.9	22.3



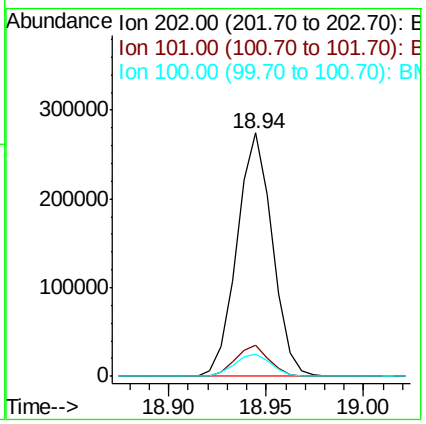


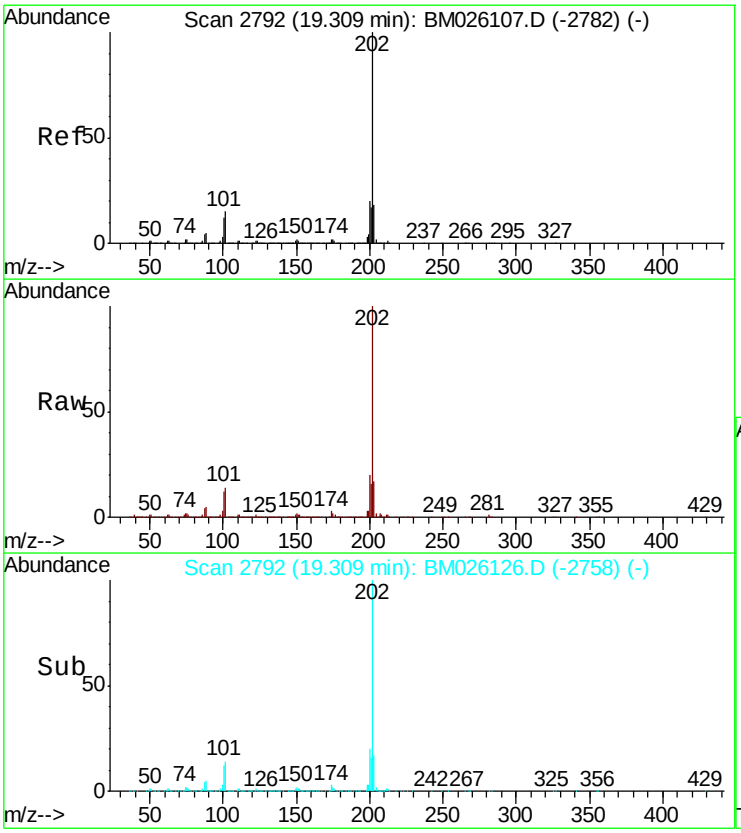
#77
Fluoranthene
Concen: 6.497 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 344381

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.5	14.3
100	9.0	7.6	11.4





#80
Pyrene
Concen: 8.240 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Tgt Ion:202 Resp: 490342

Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.2	18.4
100	11.6	10.2	15.4