Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024928.D
Acq On : 18 Feb 2020 13:46
Operator : CG/JU
Sample : L1486-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 19 03:42:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	307535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1111047	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	671186	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1408452	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1460761	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	1547190	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	566	0.09	ng/uL	0.01
5) Phenol-d5	6.60	99	13437	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	42170	3.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	42277	2.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	22927	1.33	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	25675	3.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	24875	2.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	44578	2.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	3641	0.20	ng/ul	0.02
44) Dimethylphthalate-d6	13.46	166	165304	3.26	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	191535	3.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	1125	0.14	ng/ul	0.04
58) Fluorene-d10	15.05	176	149823	3.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	13310	1.45	ng/ul	0.00
71) Anthracene-d10	16.89	188	224815	3.50	ng/ul	0.00
79) Pyrene-d10	19.20	212	244606	3.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	254844	3.28	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.20	128	16766301	295.349	ng/ul	96
30) 4-Chloroaniline	10.20	127	2425416	135.653	ng/ul#	10
34) 2-Methylnaphthalene	11.82	142	880599	21.059	ng/ul	99
35) 1-Methylnaphthalene	12.04	142	571911	13.714	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	283637	5.724	ng/ul	99
50) Acenaphthene	14.10	153	1339809	32.371	ng/ul	97
54) Dibenzofuran	14.45	168	1309334	21.222	ng/ul	99
59) Fluorene	15.10	166	338904	6.665	ng/ul	99
70) Phenanthrene	16.83	178	1281673	16.689	ng/ul	100
72) Anthracene	16.83	178	1281673	16.456	ng/ul	99
75) Carbazole	17.20	167	639212	9.851	ng/ul	99
77) Fluoranthene	18.86	202	192195	2.039	ng/ul#	95
80) Pyrene	19.23	202	103819	1.074	ng/ul#	92

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

Quantitation Report (Not Reviewed)

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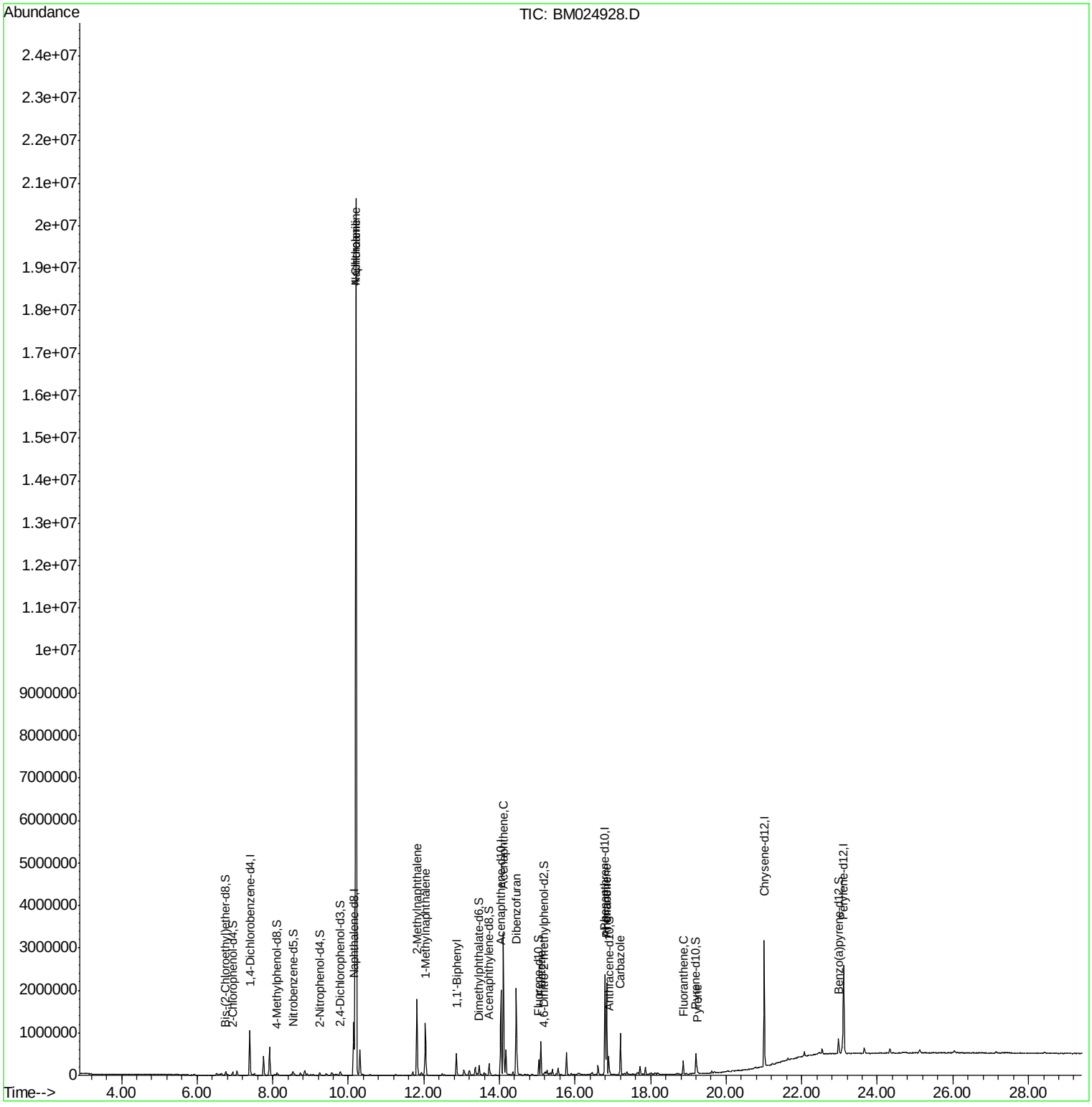
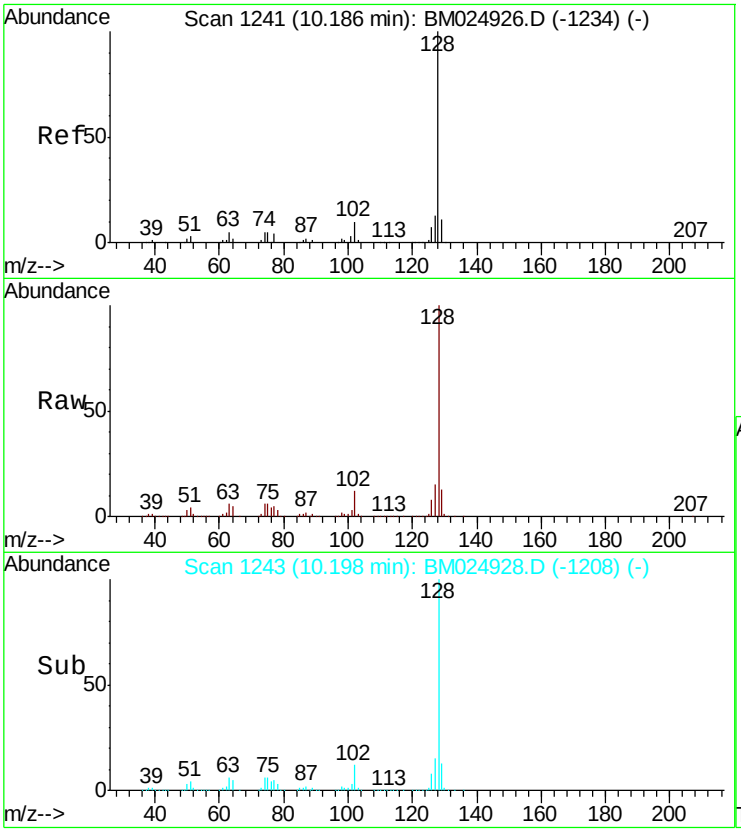
Sample : L1486-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 19 03:42:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



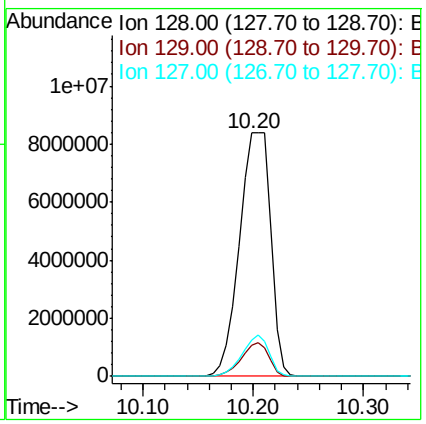


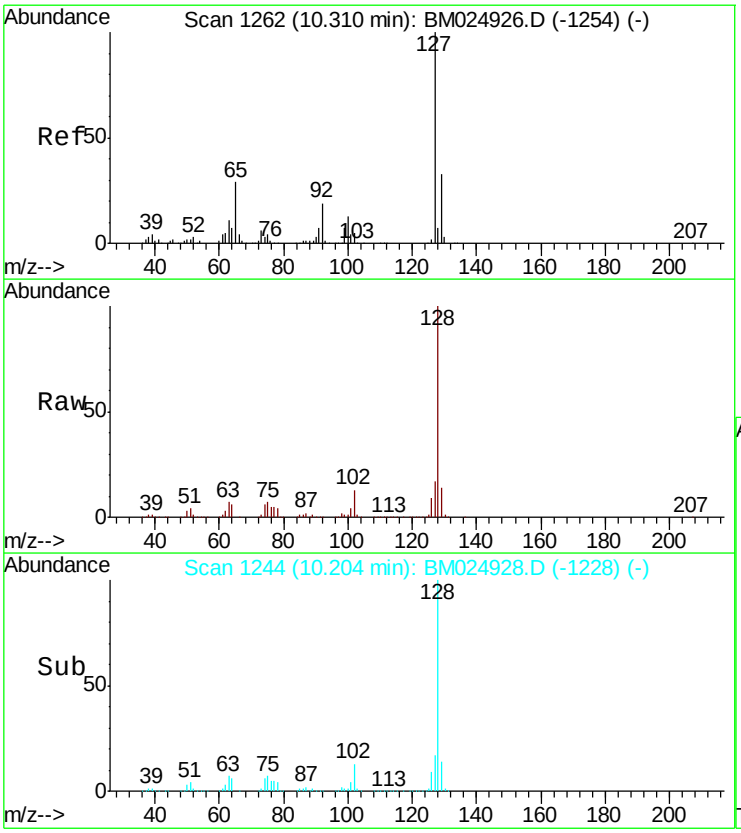
#28
Naphthalene
Concen: 295.349 ng/ul
RT: 10.20 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp:16766301

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.1	13.7
127	15.0	10.4	15.6

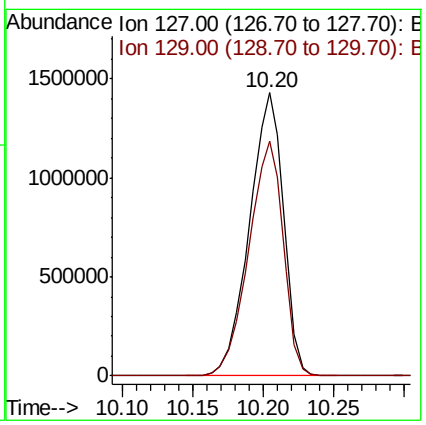


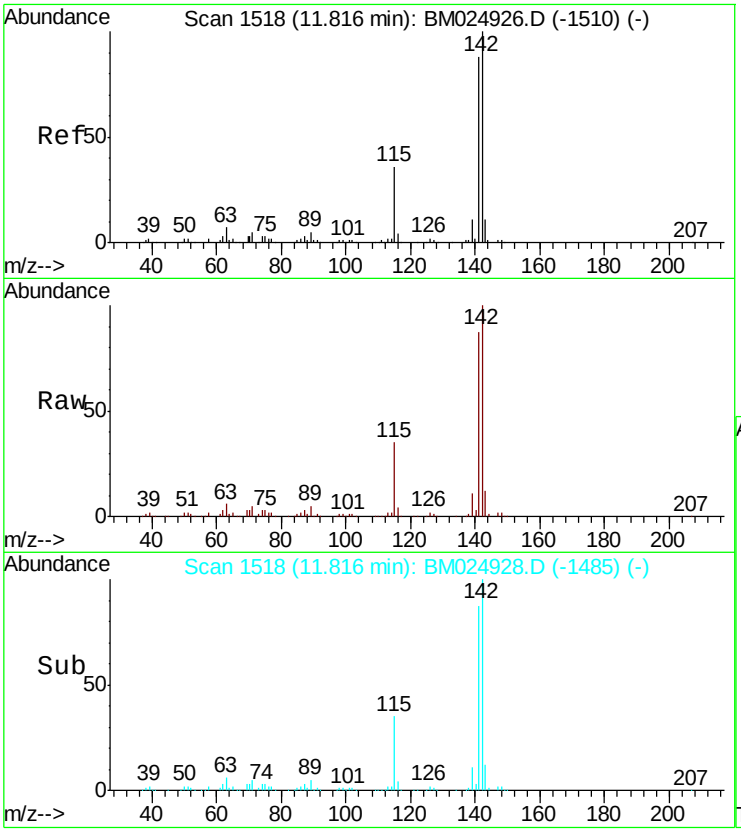


#30
4-Chloroaniline
Concen: 135.653 ng/ul
RT: 10.20 min Scan# 1244
Delta R.T. -0.11 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Tgt Ion:127 Resp: 2425416

Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.8	38.8#



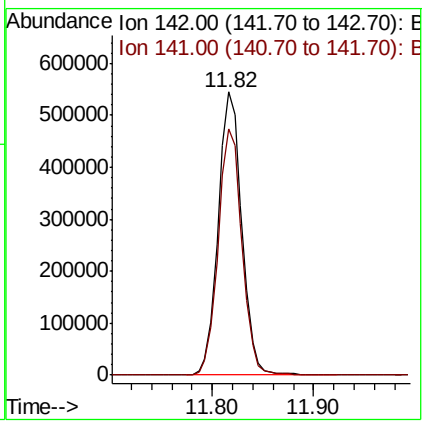


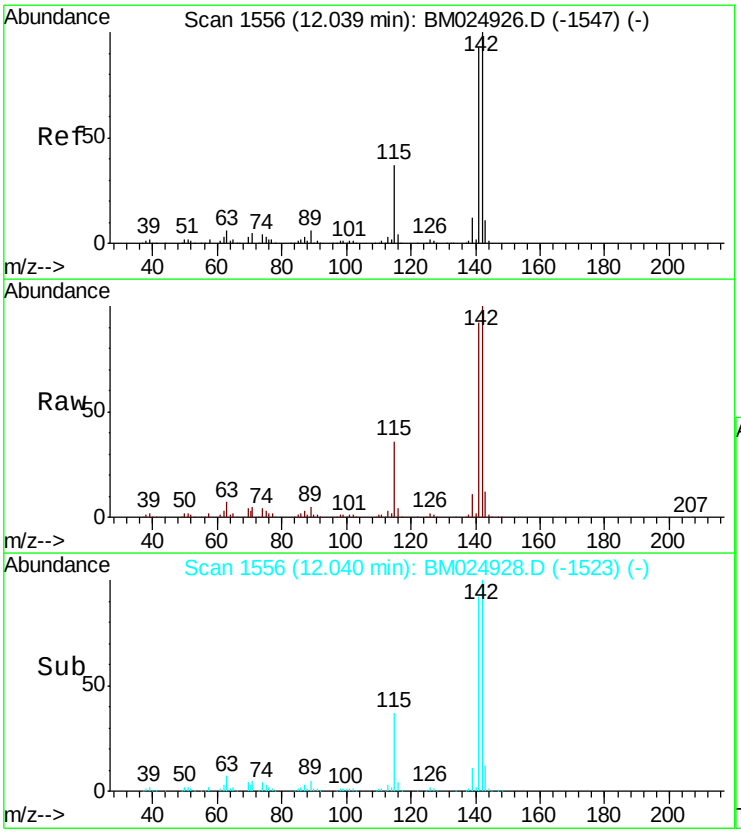
#34
2-Methylnaphthalene
Concen: 21.059 ng/ul
RT: 11.82 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 880599

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.5	105.7

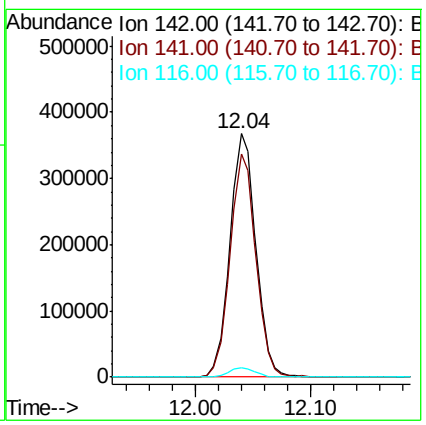


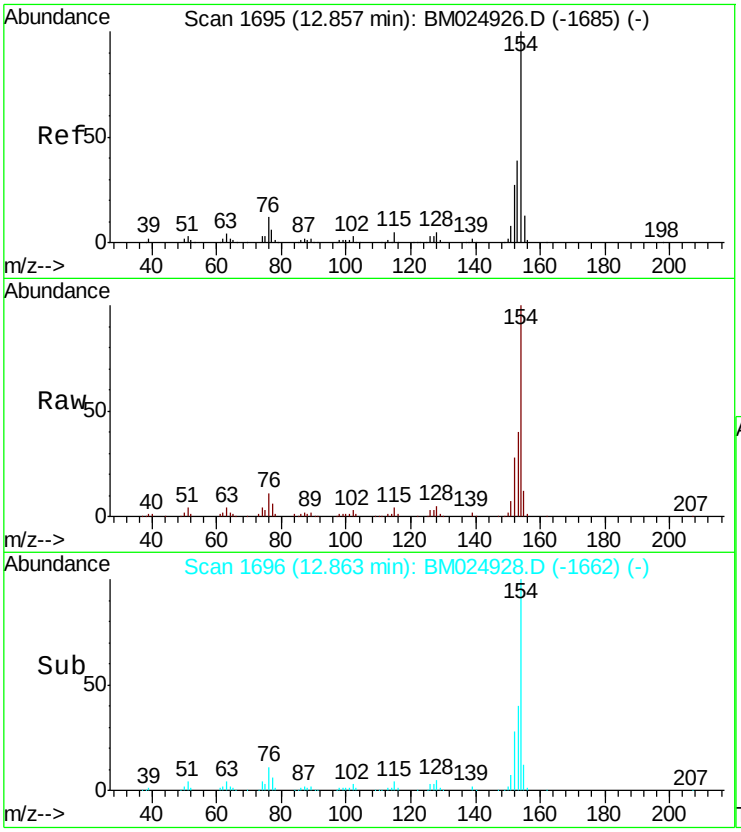


#35
1-Methylnaphthalene
Concen: 13.714 ng/ul
RT: 12.04 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Tgt Ion:142 Resp: 571911

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.1	111.1
116	4.0	3.0	4.4



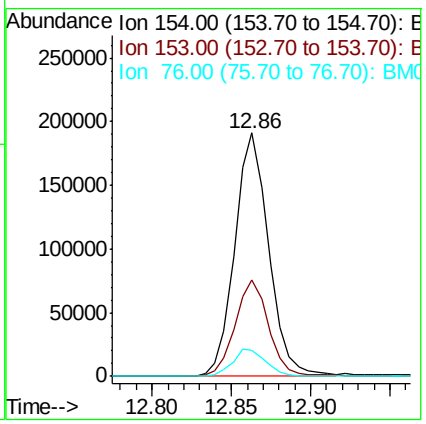


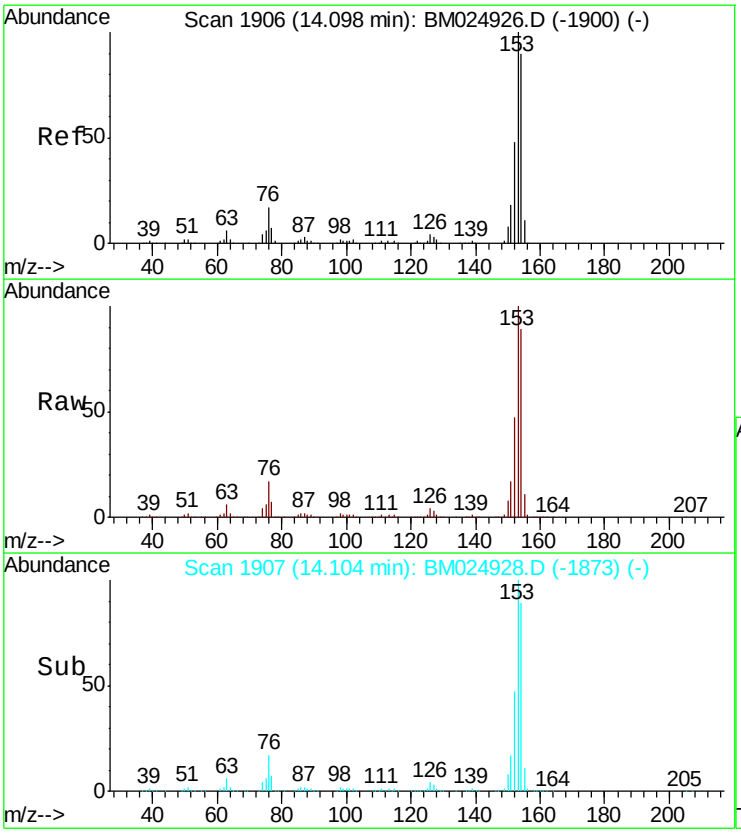
#41
1,1'-Biphenyl
Concen: 5.724 ng/ul
RT: 12.86 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 283637

Ion	Ratio	Lower	Upper
154	100		
153	39.7	31.4	47.2
76	10.8	7.5	11.3

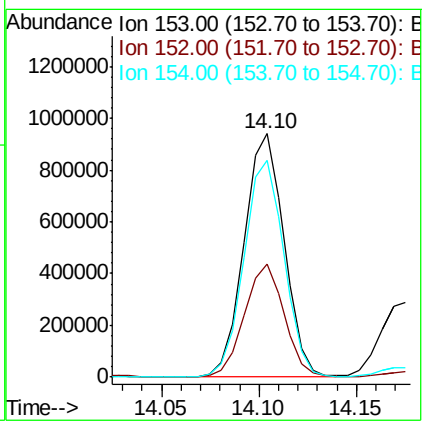


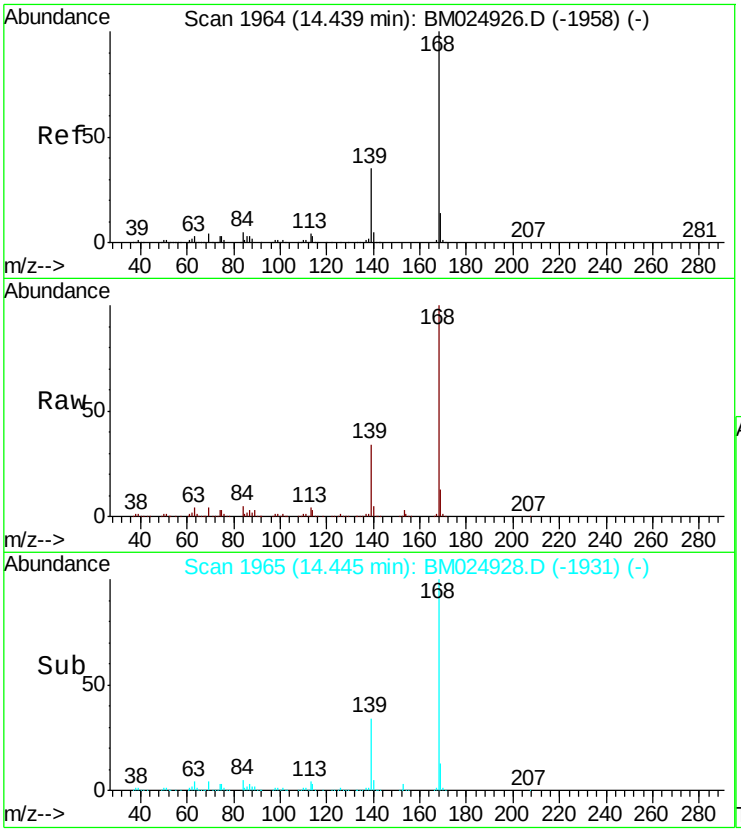


#50
Acenaphthene
Concen: 32.371 ng/ul
RT: 14.10 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Tgt Ion:153 Resp: 1339809

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.3	55.9
154	89.0	74.1	111.1



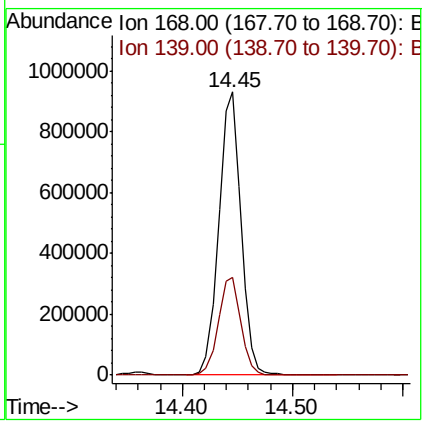


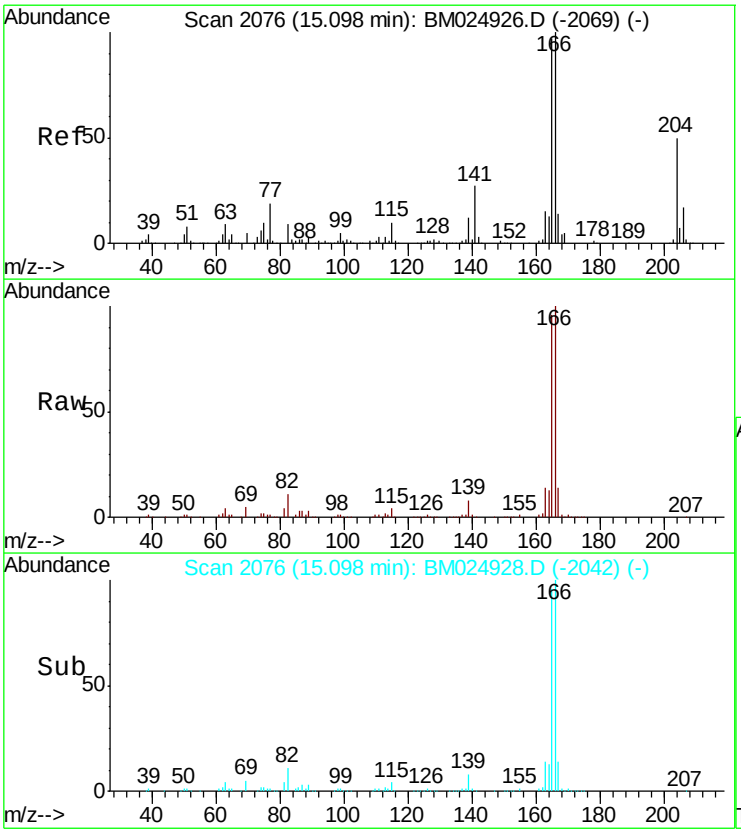
#54
Dibenzofuran
Concen: 21.222 ng/ul
RT: 14.45 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 1309334

Ion	Ratio	Lower	Upper
168	100		
139	34.5	27.8	41.8

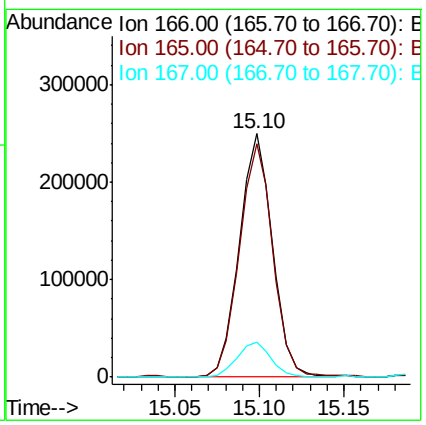


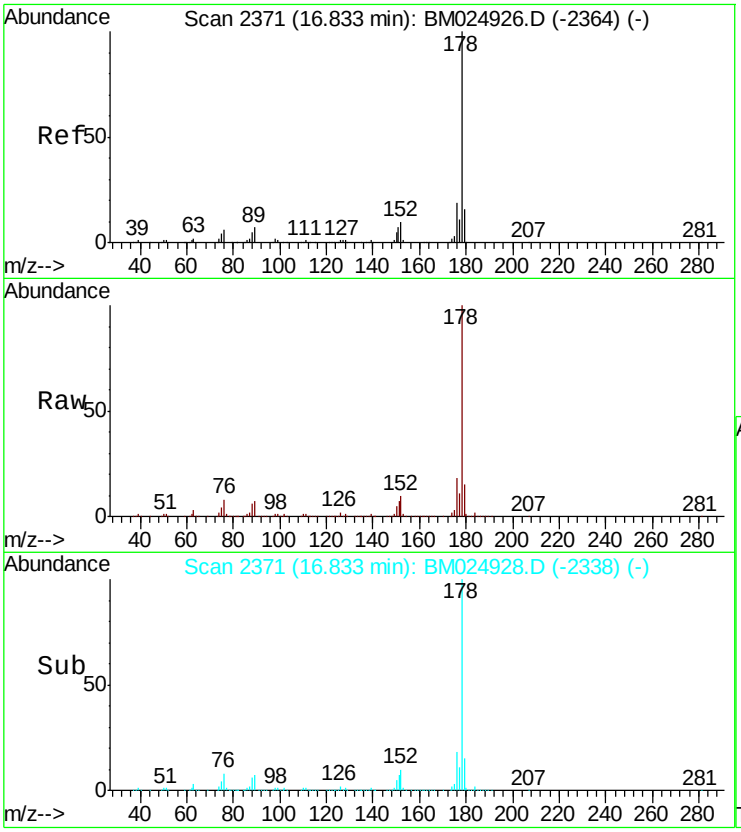


#59
Fluorene
Concen: 6.665 ng/ul
RT: 15.10 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Tgt Ion:166 Resp: 338904

Ion	Ratio	Lower	Upper
166	100		
165	95.8	75.8	113.8
167	14.5	10.6	16.0



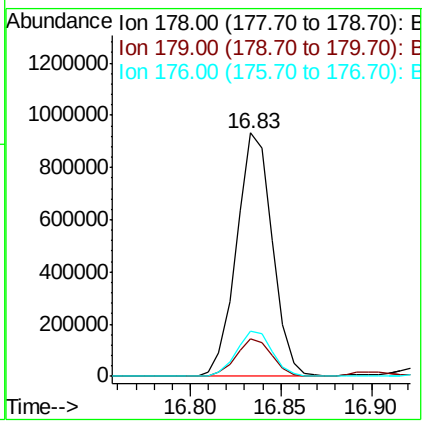


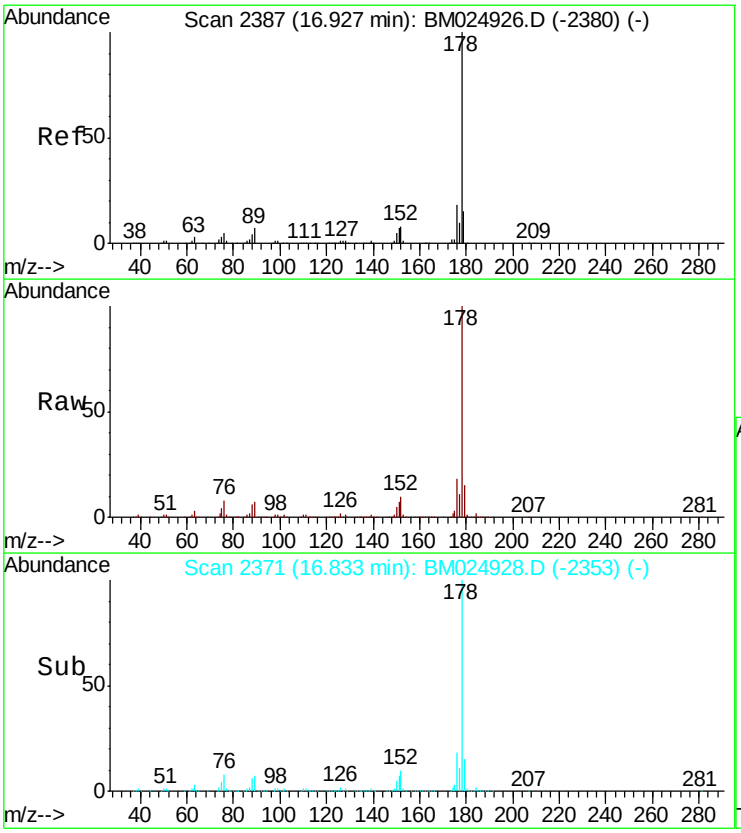
#70
Phenanthrene
Concen: 16.689 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1281673

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.3	14.5	21.7

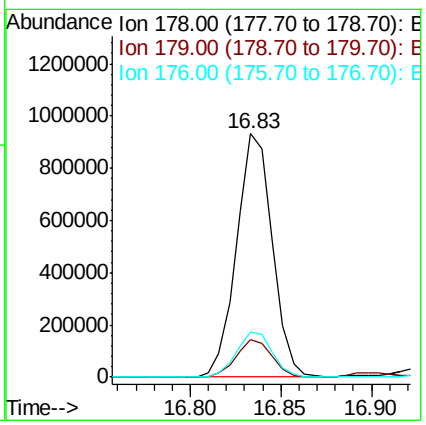


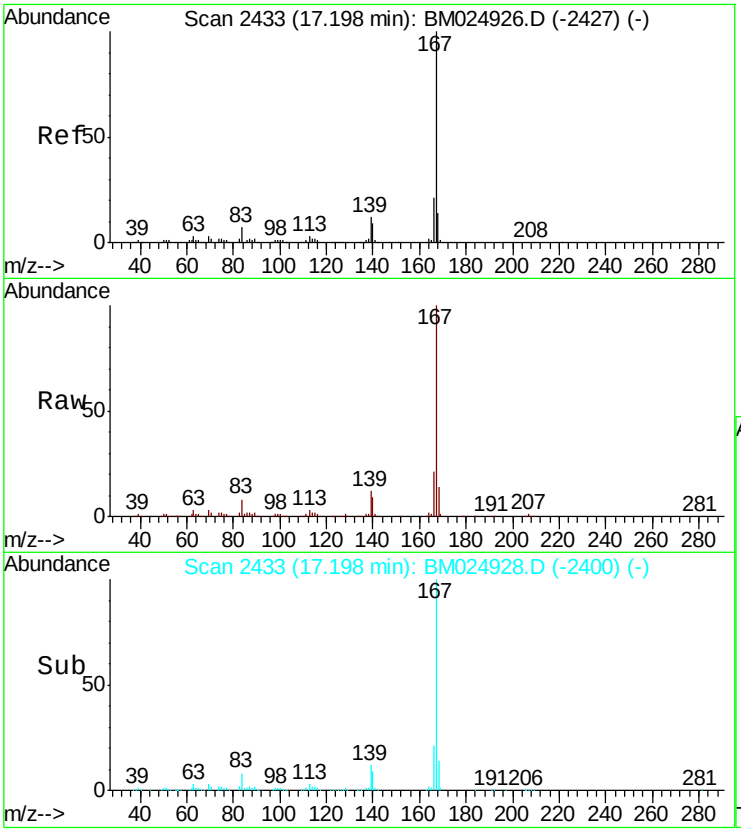


#72
Anthracene
Concen: 16.456 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. -0.09 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Tgt Ion:178 Resp: 1281673

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.3	14.1	21.1



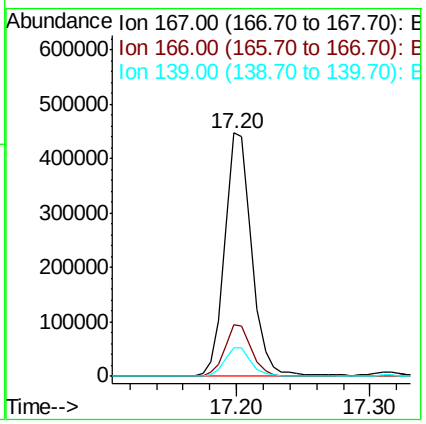


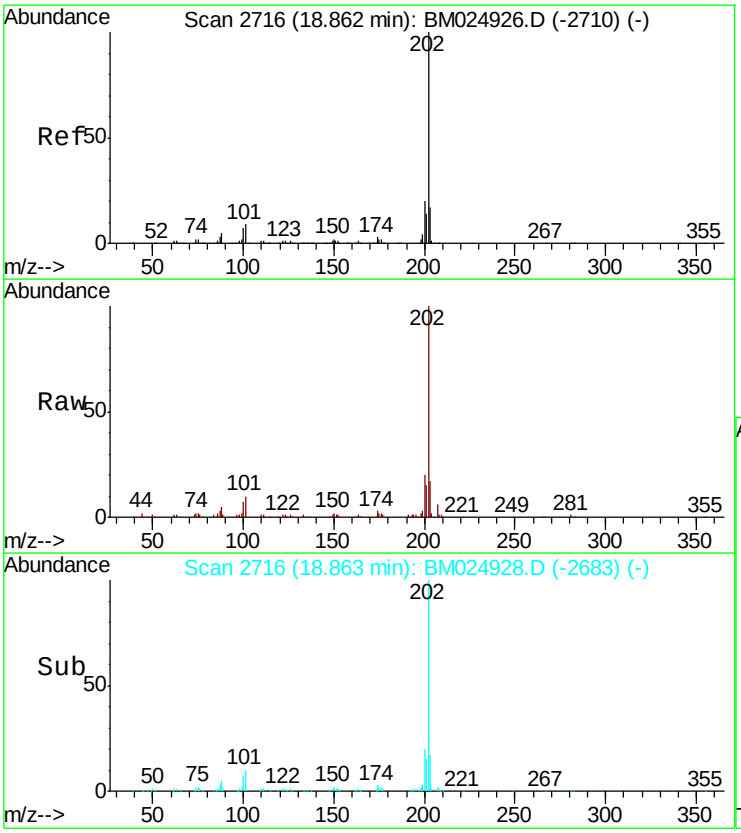
#75
Carbazole
Concen: 9.851 ng/ul
RT: 17.20 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 639212

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.6	24.8
139	12.0	9.3	13.9

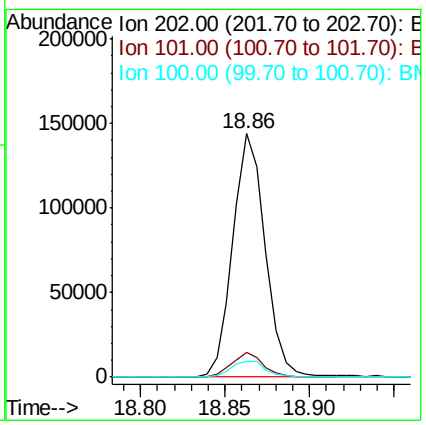


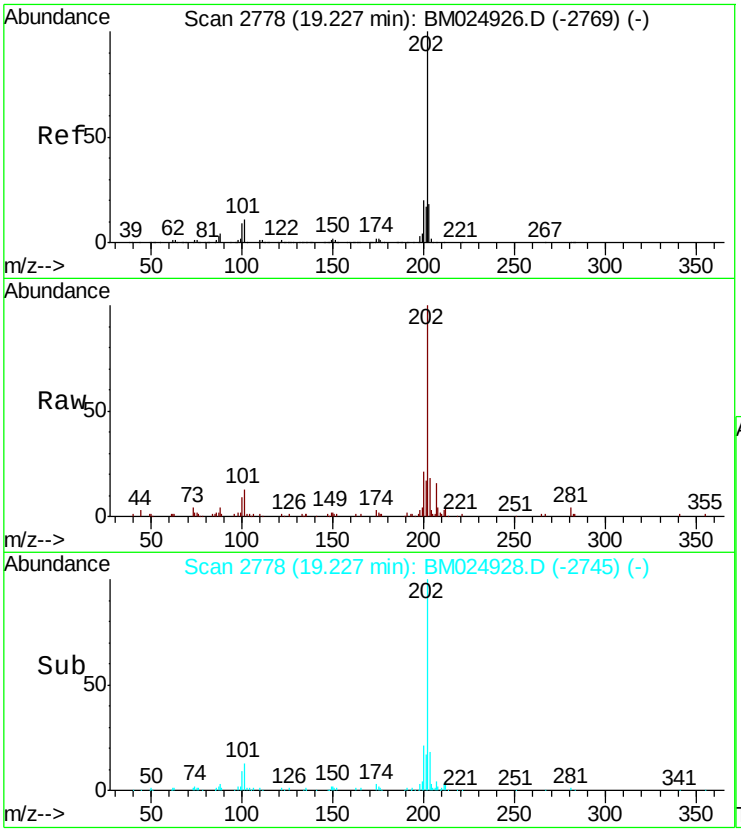


#77
Fluoranthene
Concen: 2.039 ng/ul
RT: 18.86 min Scan# 2716
Delta R.T. -0.01 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Tgt Ion:202 Resp: 192195

Ion	Ratio	Lower	Upper
202	100		
101	10.0	6.1	9.1#
100	6.6	4.8	7.2





#80
Pyrene
Concen: 1.074 ng/ul
RT: 19.23 min Scan# 2778
Delta R.T. -0.01 min
Lab File: BM024928.D
Acq: 18 Feb 2020 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 103819

Ion	Ratio	Lower	Upper
202	100		
101	13.0	7.0	10.4#
100	8.5	5.8	8.8