Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021559.D
Acq On : 19 Jul 2019 15:50
Operator : HP/JU
Sample : K3822-07DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B8DL

Quant Time: Jul 19 16:50:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	154236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	602990	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	347265	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	817845	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	887621	20.00	ng/ul	-0.01
85) Perylene-d12	23.55	264	1023283	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	809	0.26	ng/uL	0.02
5) Phenol-d5	6.90	99	5732	0.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	14206	2.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	14132	1.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	9260	0.97	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	8168	1.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	6515	1.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	14872	1.33	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	5181	0.51	ng/ul	-0.01
43) Dimethylphthalate-d6	13.77	166	54722	1.80	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	57005	1.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	419	0.09	ng/ul	0.03
57) Fluorene-d10	15.35	176	50432	1.86	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.50	200	2521	0.46	ng/ul	0.00
70) Anthracene-d10	17.21	188	79654	1.88	ng/ul	0.00
78) Pyrene-d10	19.50	212	93891	1.93	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.41	264	102461	1.74	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.56	128	12705359	404.873	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	1182880	51.137	ng/ul	100
40) 1,1'-Biphenyl	13.19	154	216609	7.453	ng/ul	100
47) Acenaphthylene	14.08	152	136410	4.106	ng/ul	97
49) Acenaphthene	14.42	153	666948	27.627	ng/ul	99
53) Dibenzofuran	14.76	168	849162	24.282	ng/ul	97
58) Fluorene	15.41	166	662351	23.411	ng/ul	98
69) Phenanthrene	17.15	178	2285042	49.551	ng/ul	100
71) Anthracene	17.24	178	192741	4.106	ng/ul	96
74) Carbazole	17.52	167	602230	15.458	ng/ul	99
76) Fluoranthene	19.17	202	1159603	21.177	ng/ul	98
79) Pyrene	19.53	202	812814	13.836	ng/ul	98
82) Benzo(a)anthracene	21.29	228	255125	4.197	ng/ul	99
84) Chrysene	21.33	228	163167	2.855	ng/ul	98
87) Benzo(b)fluoranthene	22.88	252	150515	2.360	ng/ul#	96
90) Benzo(a)pyrene	23.45	252	93011	1.510	ng/ul	95

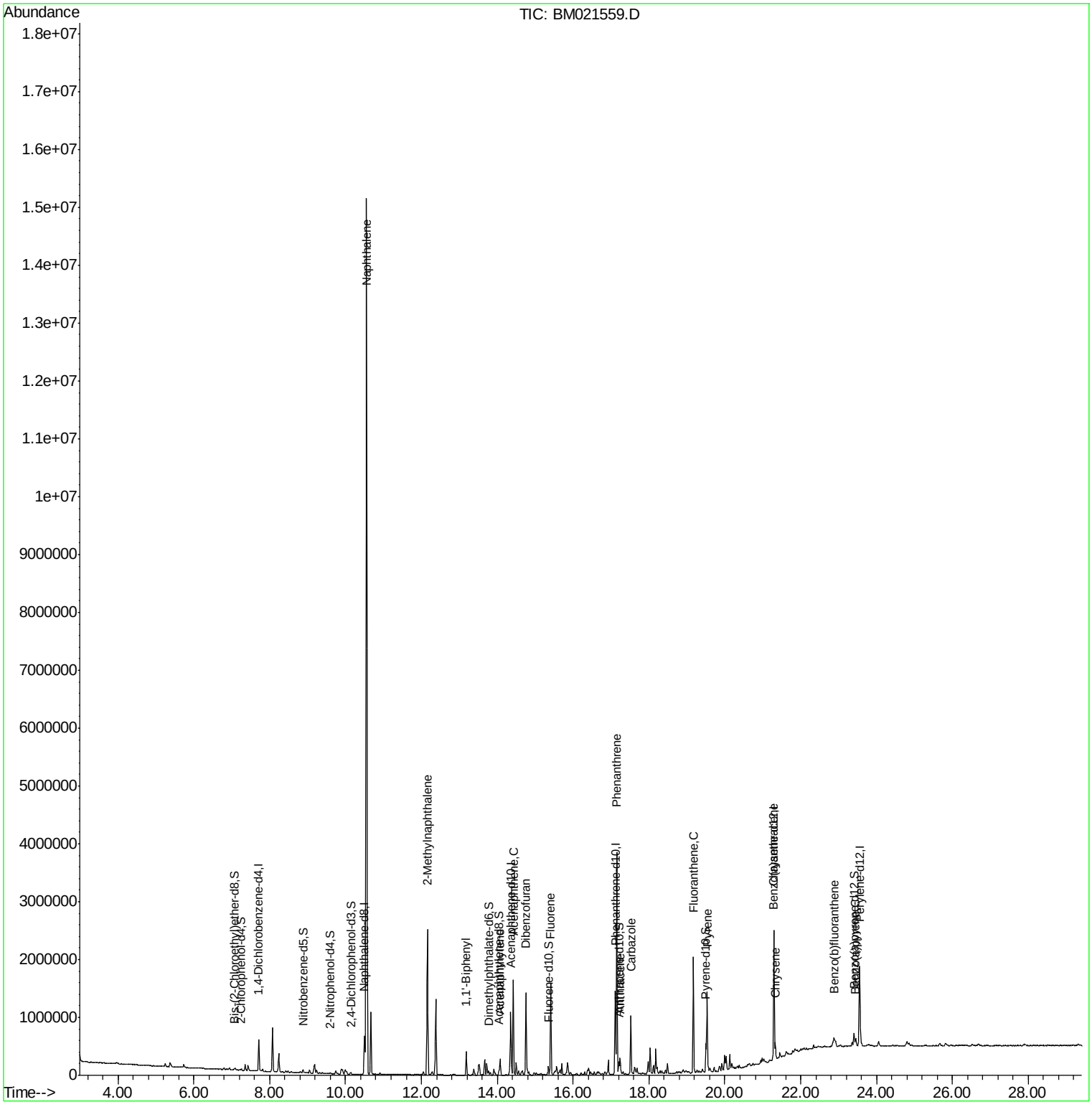
(#) = qualifier out of range (m) = manual integration (+) = signals summed

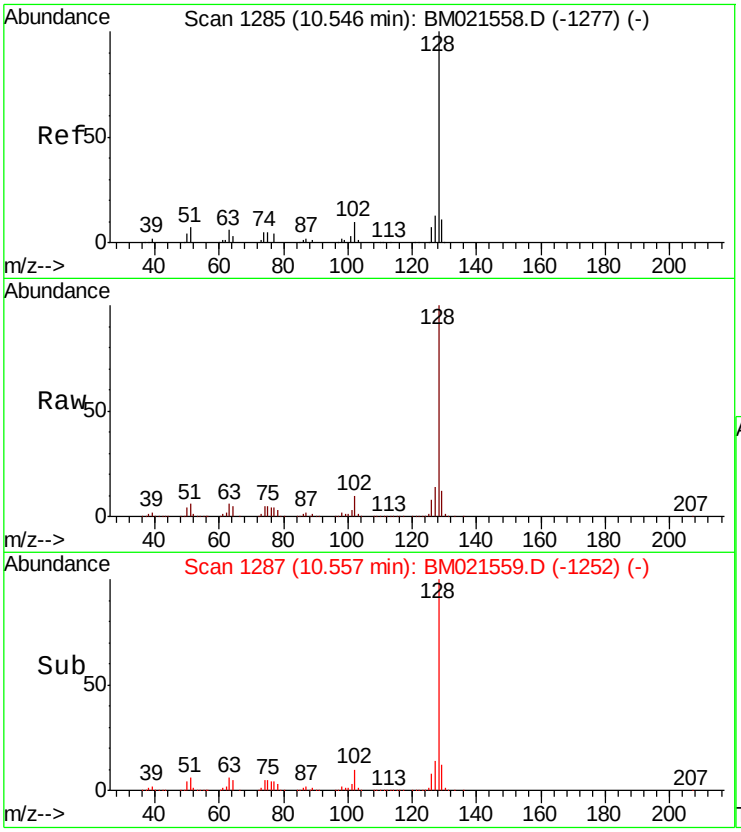
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021559.D
Acq On : 19 Jul 2019 15:50
Operator : HP/JU
Sample : K3822-07DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF4B8DL

Quant Time: Jul 19 16:50:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration



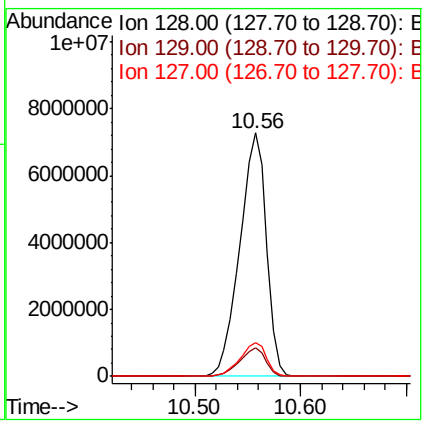


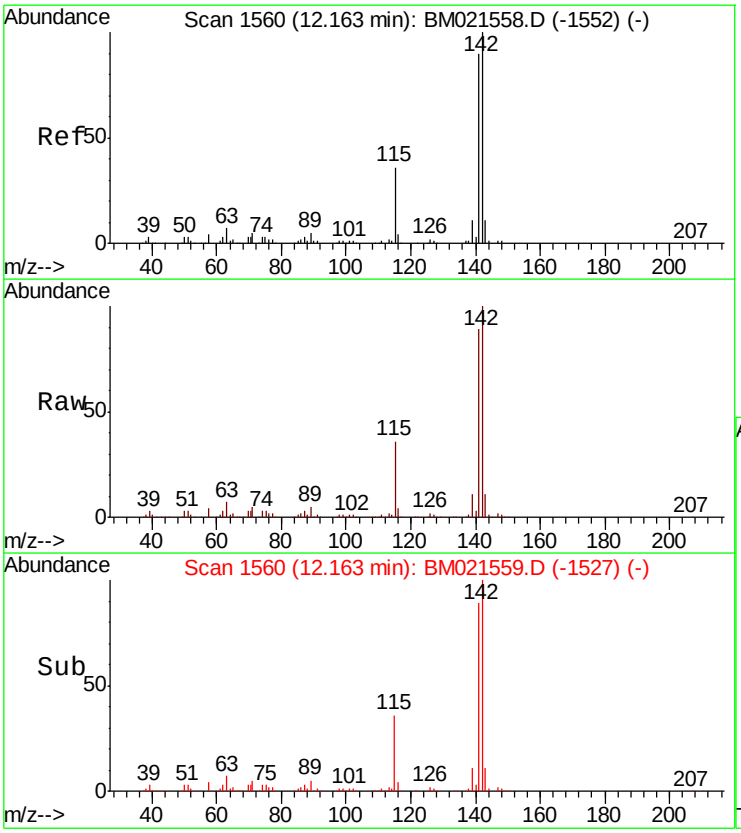
#28
Naphthalene
Concen: 404.873 ng/ul
RT: 10.56 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Instrument :
BNA_M
ClientSampleId :
BF4B8DL

Tgt Ion:128 Resp:12705359

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	14.1	10.6	16.0

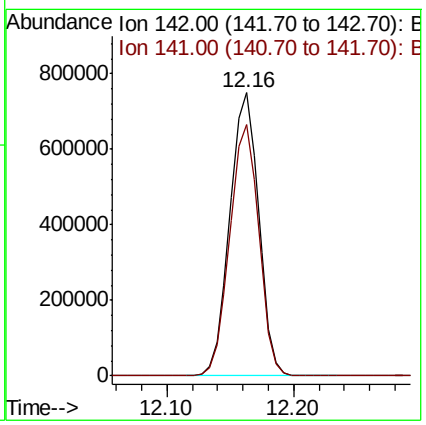


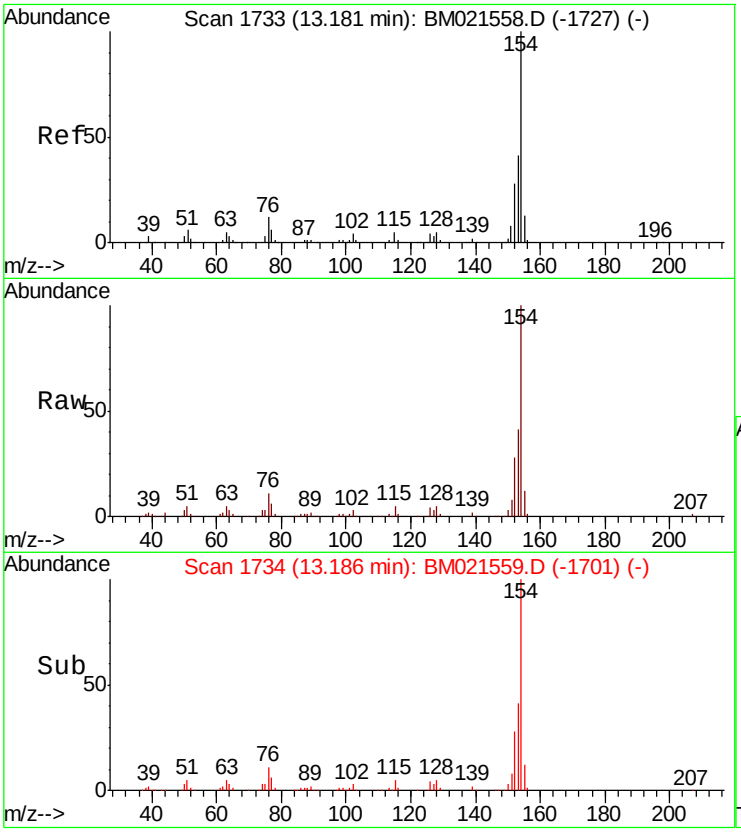


#34
2-Methylnaphthalene
Concen: 51.137 ng/ul
RT: 12.16 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Tgt Ion:142 Resp: 1182880

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.1	106.7



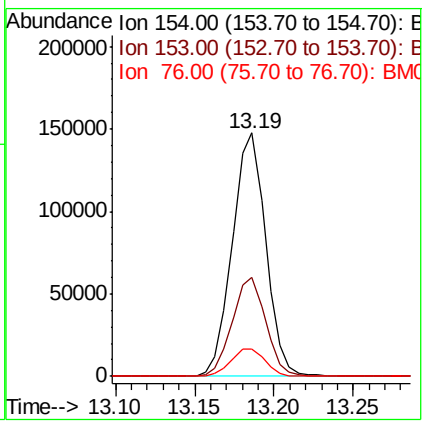


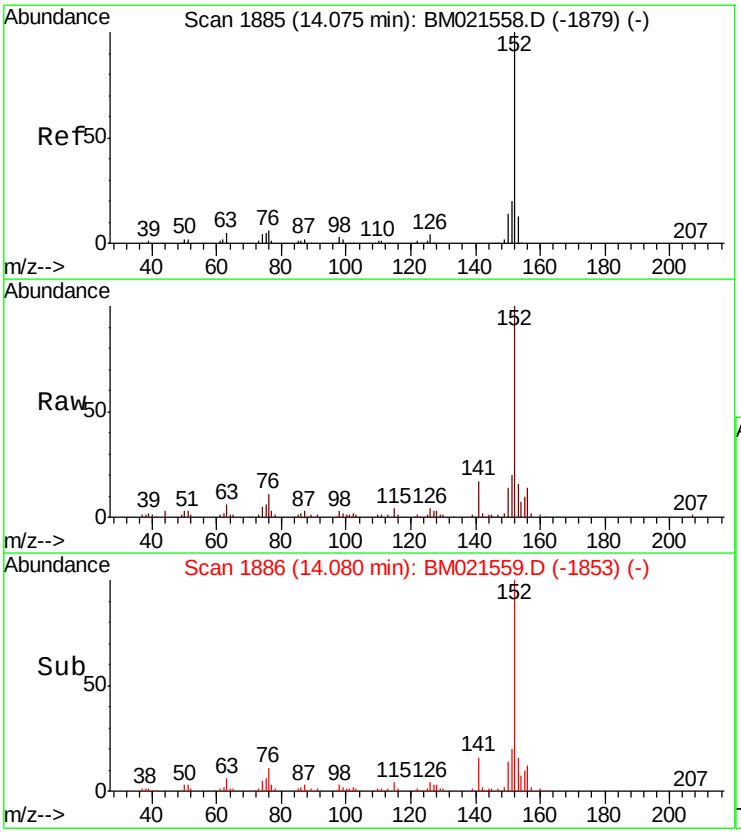
#40
1,1'-Biphenyl
Concen: 7.453 ng/ul
RT: 13.19 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Instrument :
BNA_M
ClientSampleId :
BF4B8DL

Tgt Ion:154 Resp: 216609

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.7	49.1
76	11.2	8.5	12.7

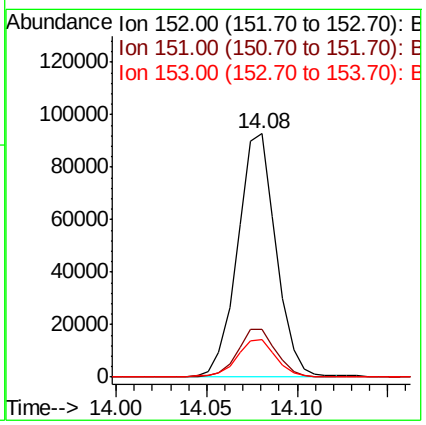


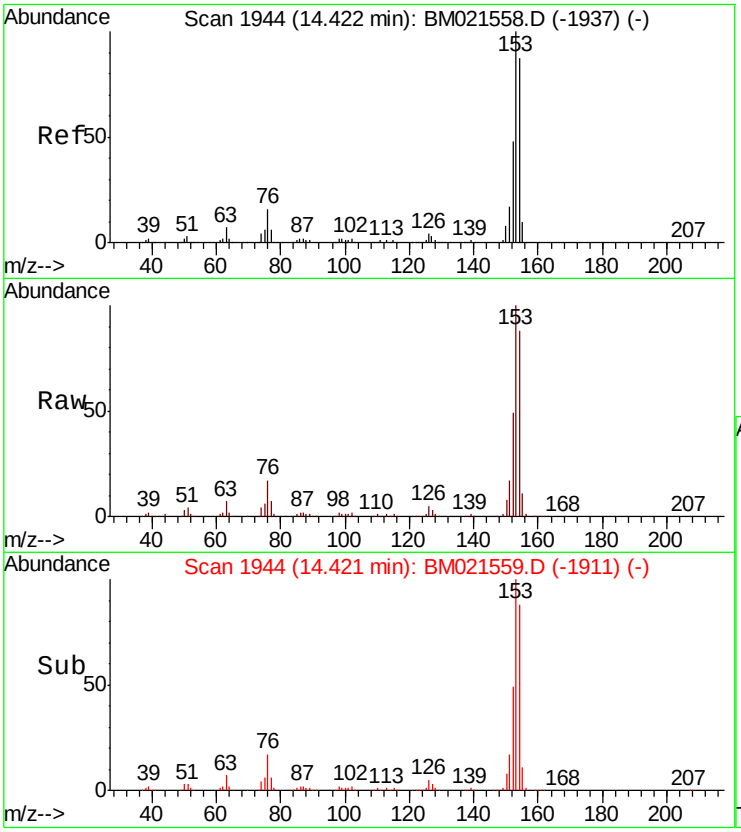


#47
Acenaphthylene
Concen: 4.106 ng/ul
RT: 14.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Tgt Ion:152 Resp: 136410

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	15.7	10.6	15.8



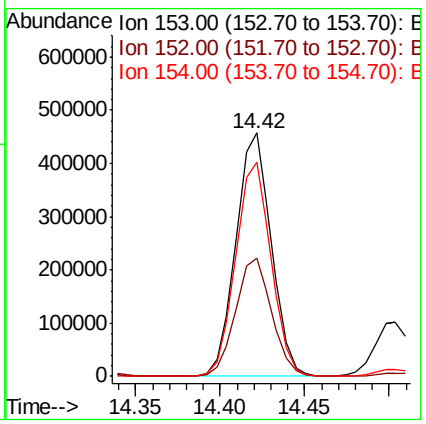


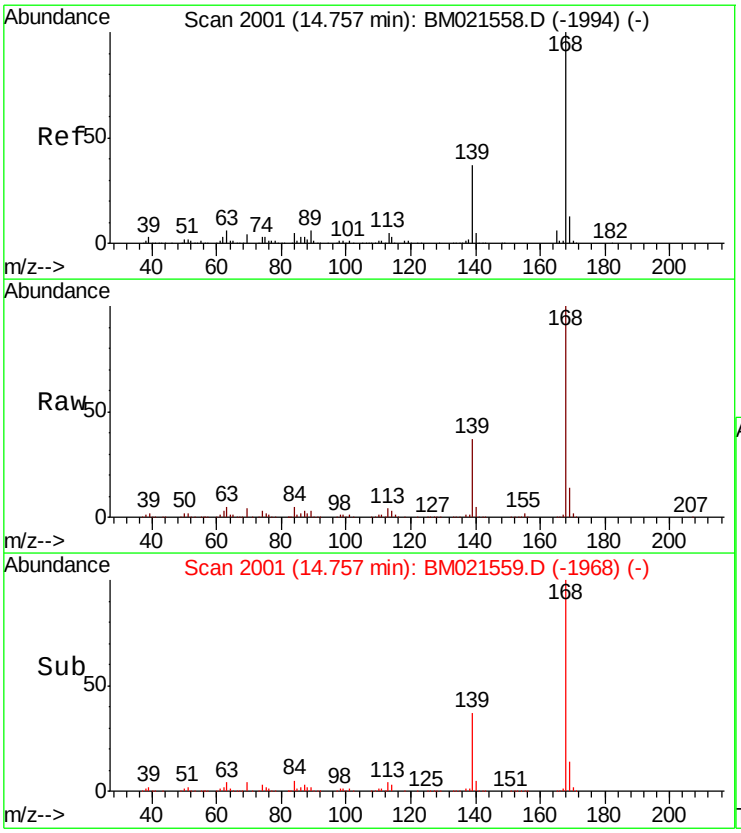
#49
Acenaphthene
Concen: 27.627 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Instrument :
BNA_M
ClientSampleId :
BF4B8DL

Tgt Ion:153 Resp: 666948

Ion	Ratio	Lower	Upper
153	100		
152	48.5	38.2	57.4
154	87.7	70.0	105.0

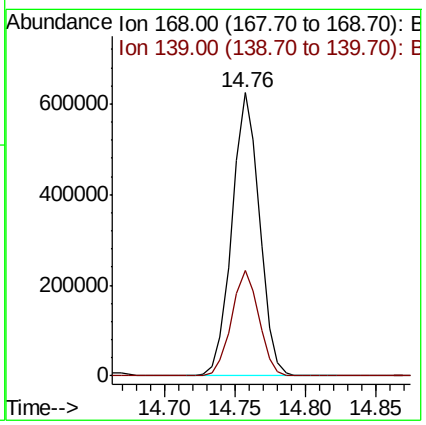


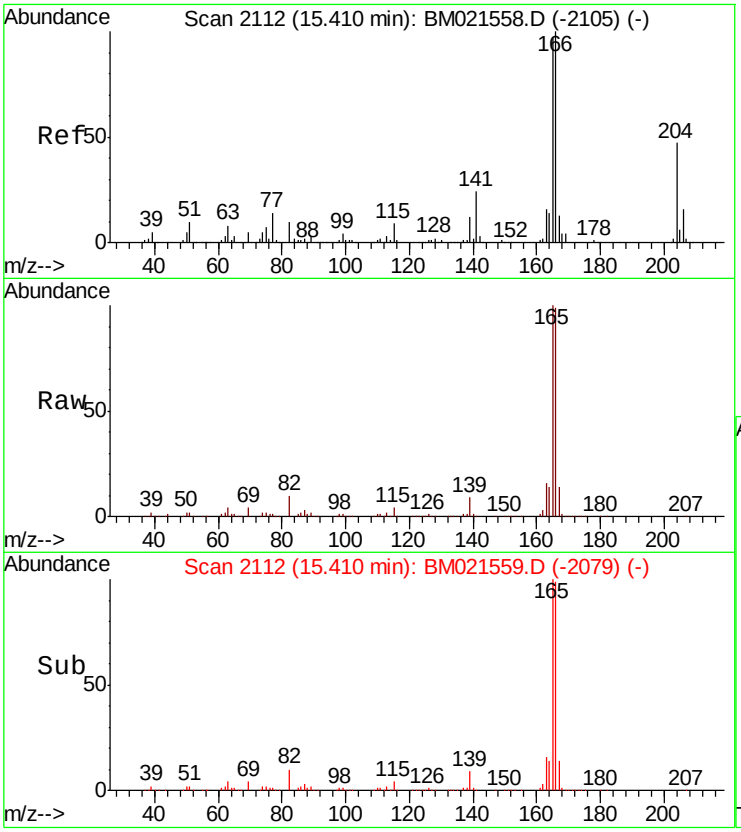


#53
Dibenzofuran
Concen: 24.282 ng/ul
RT: 14.76 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Tgt Ion:168 Resp: 849162

Ion	Ratio	Lower	Upper
168	100		
139	37.4	28.4	42.6



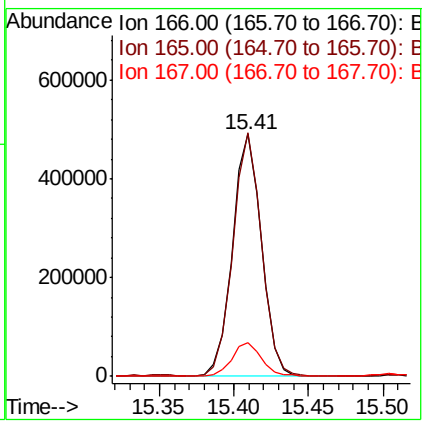


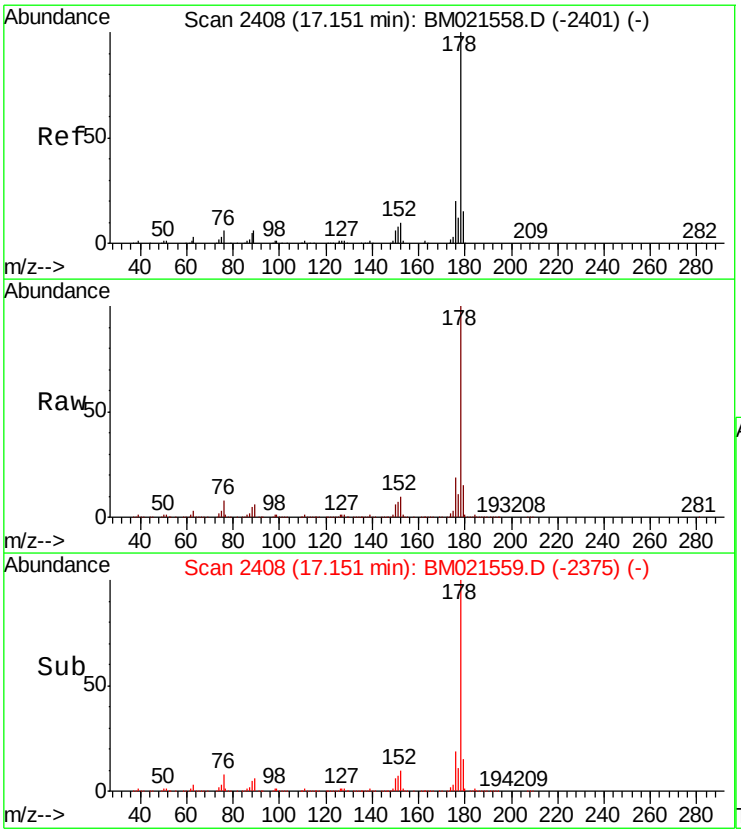
#58
Fluorene
Concen: 23.411 ng/ul
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Instrument :
BNA_M
ClientSampleId :
BF4B8DL

Tgt Ion:166 Resp: 662351

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.6	117.8
167	14.2	10.7	16.1

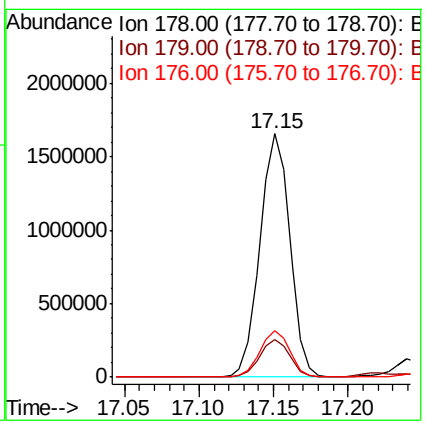


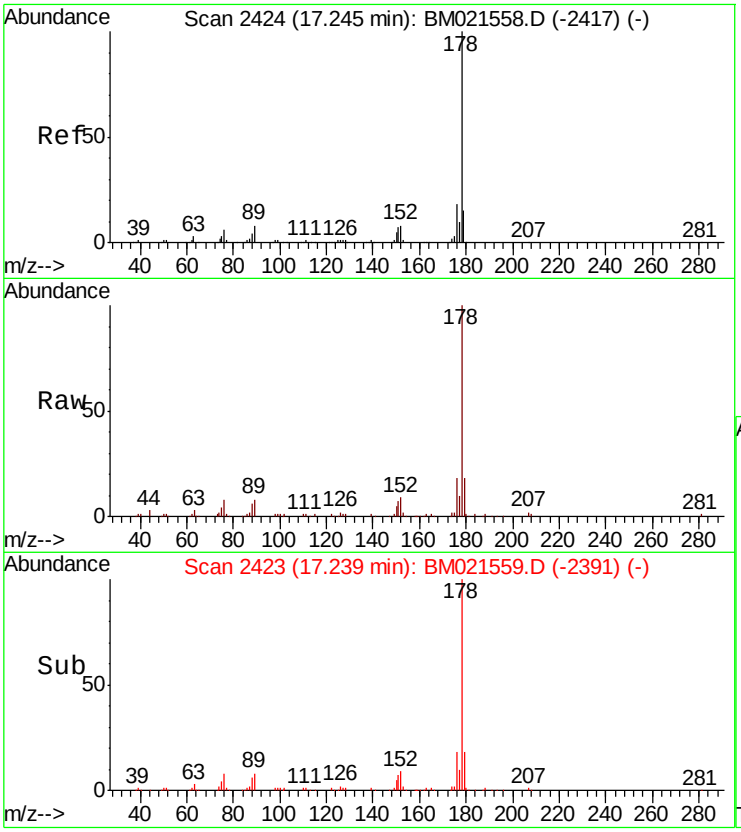


#69
Phenanthrene
Concen: 49.551 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Tgt Ion:178 Resp: 2285042

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.1	15.4	23.0



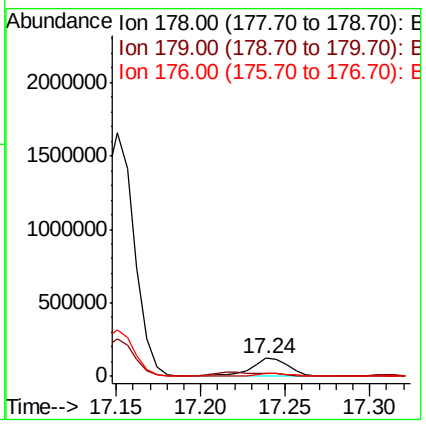


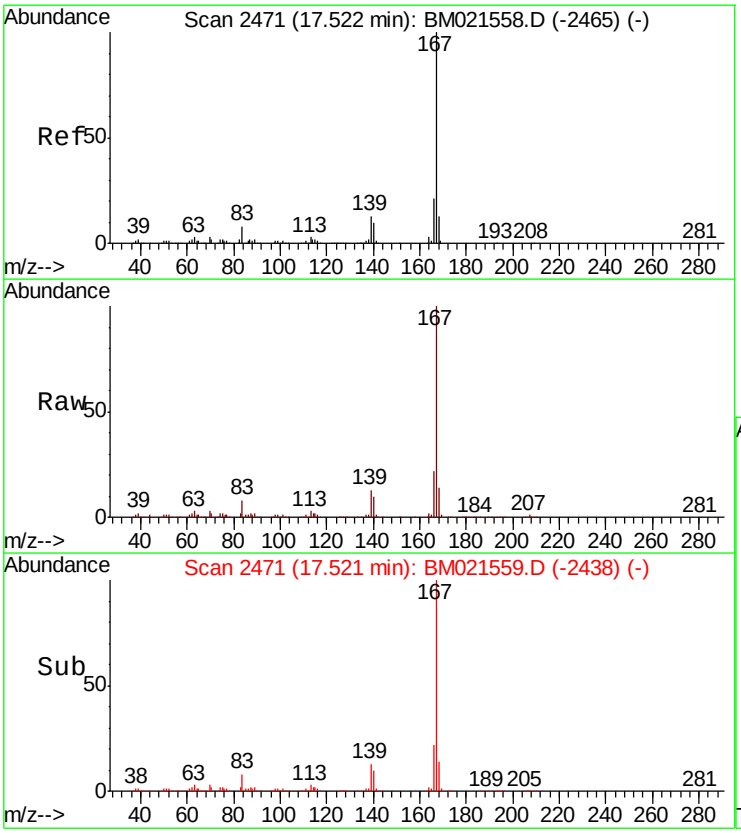
#71
Anthracene
Concen: 4.106 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Instrument :
BNA_M
ClientSampleId :
BF4B8DL

Tgt Ion:178 Resp: 192741

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.2	18.2
176	17.6	14.9	22.3

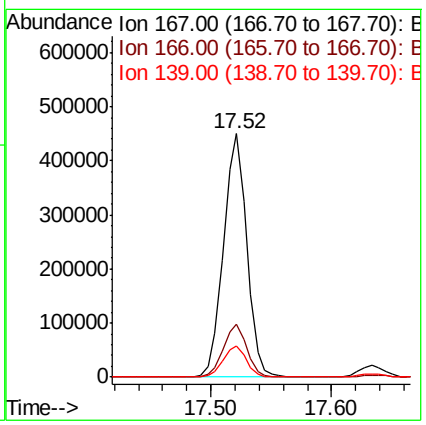


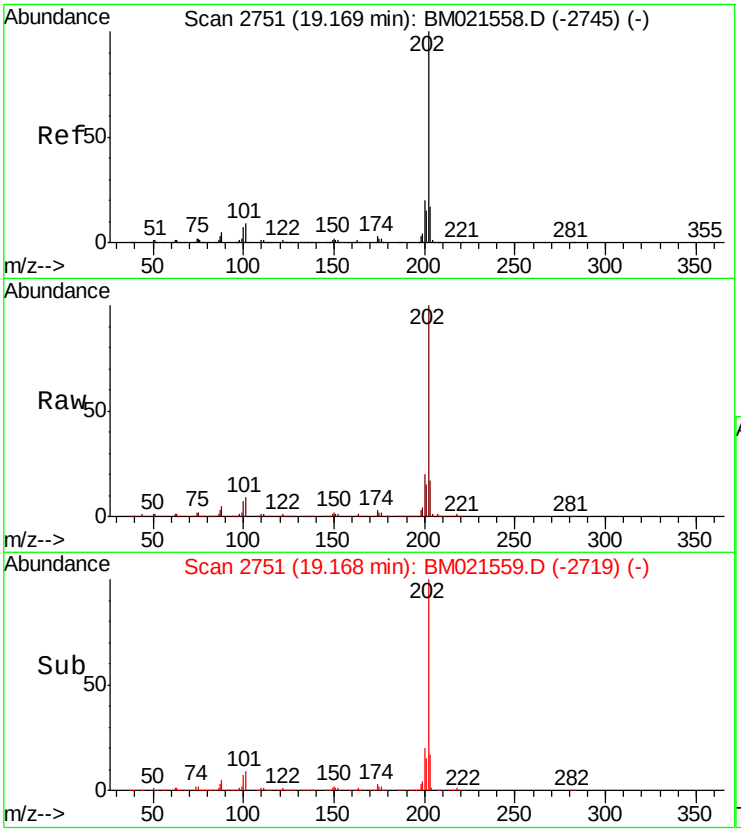


#74
Carbazole
Concen: 15.458 ng/ul
RT: 17.52 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Tgt Ion:167 Resp: 602230

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.8	9.7	14.5



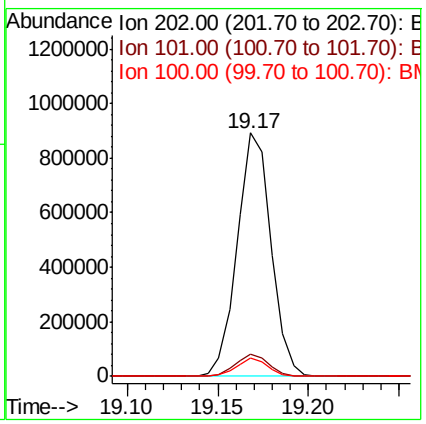


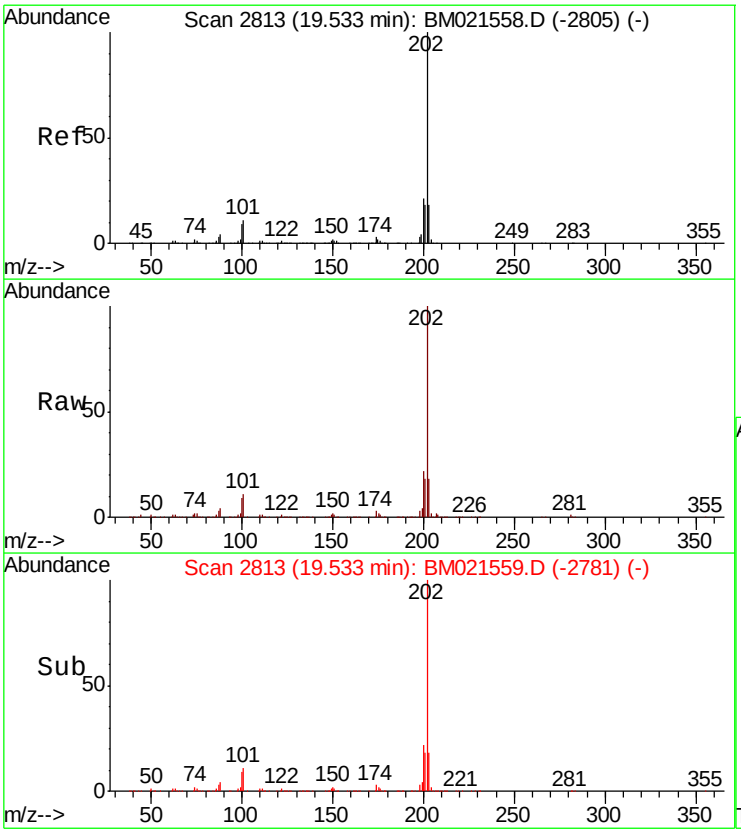
#76
Fluoranthene
Concen: 21.177 ng/ul
RT: 19.17 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Instrument :
BNA_M
ClientSampleId :
BF4B8DL

Tgt Ion:202 Resp: 1159603

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.7	10.1
100	7.4	5.3	7.9

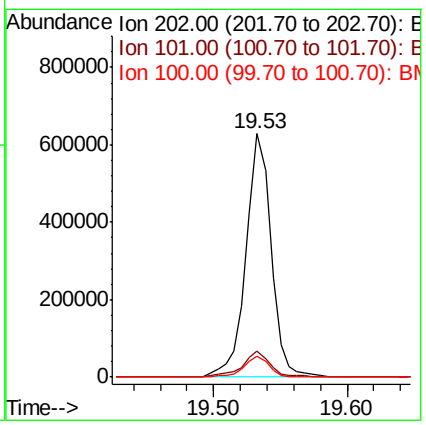


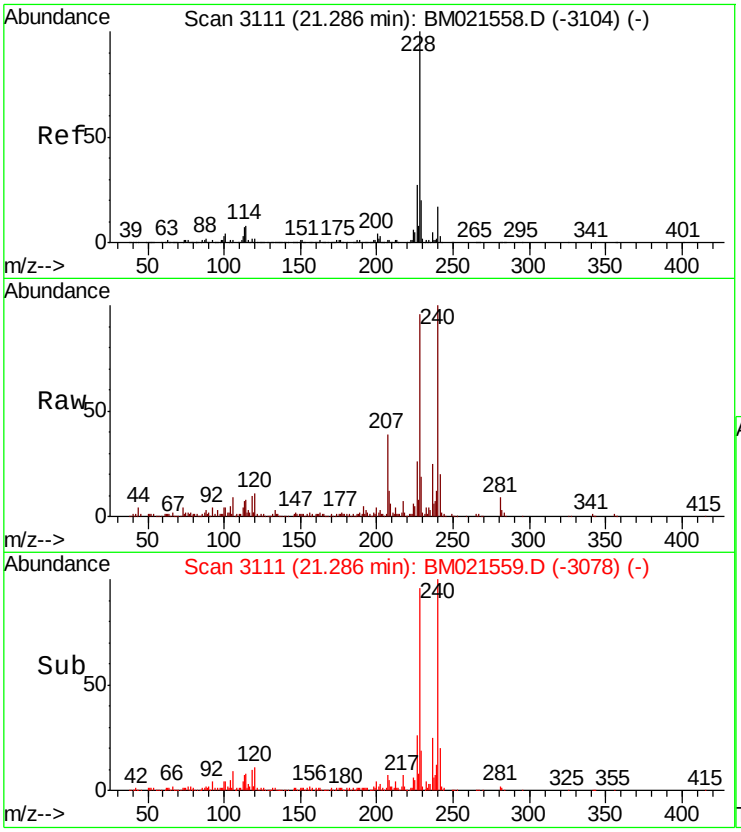


#79
Pyrene
Concen: 13.836 ng/ul
RT: 19.53 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Tgt Ion:202 Resp: 812814

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.8	11.8
100	8.7	6.4	9.6



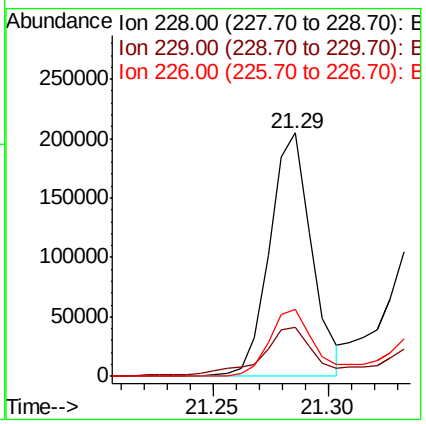


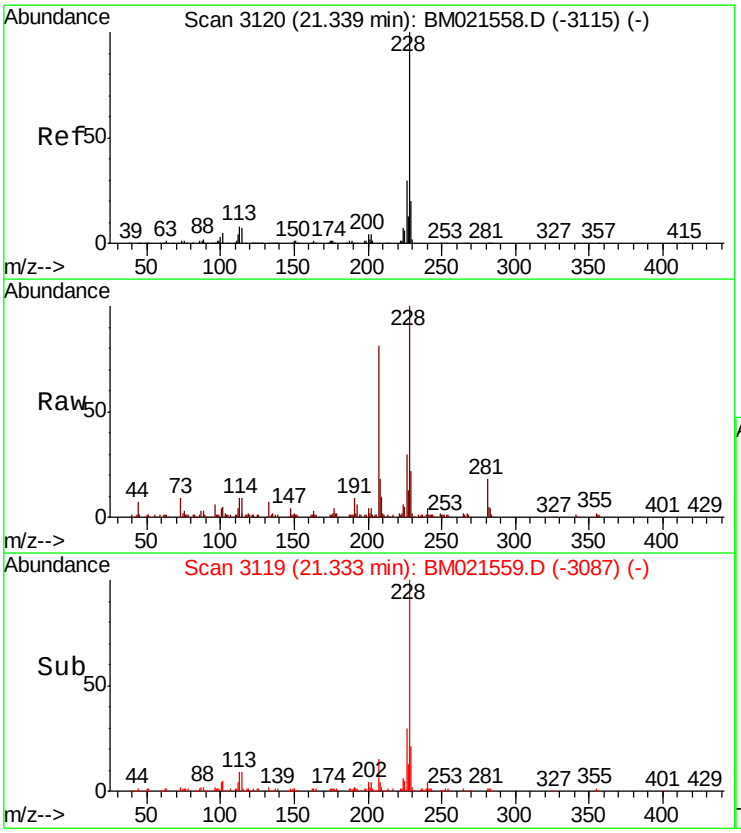
#82
Benzo(a)anthracene
Concen: 4.197 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Instrument :
BNA_M
ClientSampleId :
BF4B8DL

Tgt Ion:228 Resp: 255125

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	27.5	21.5	32.3

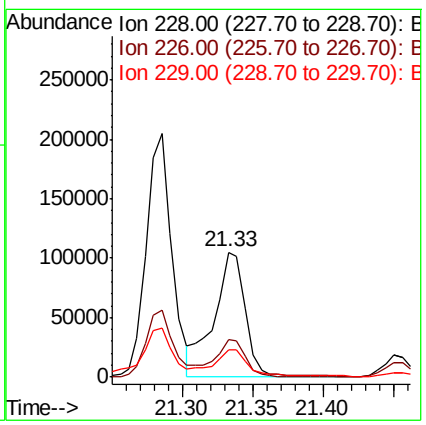


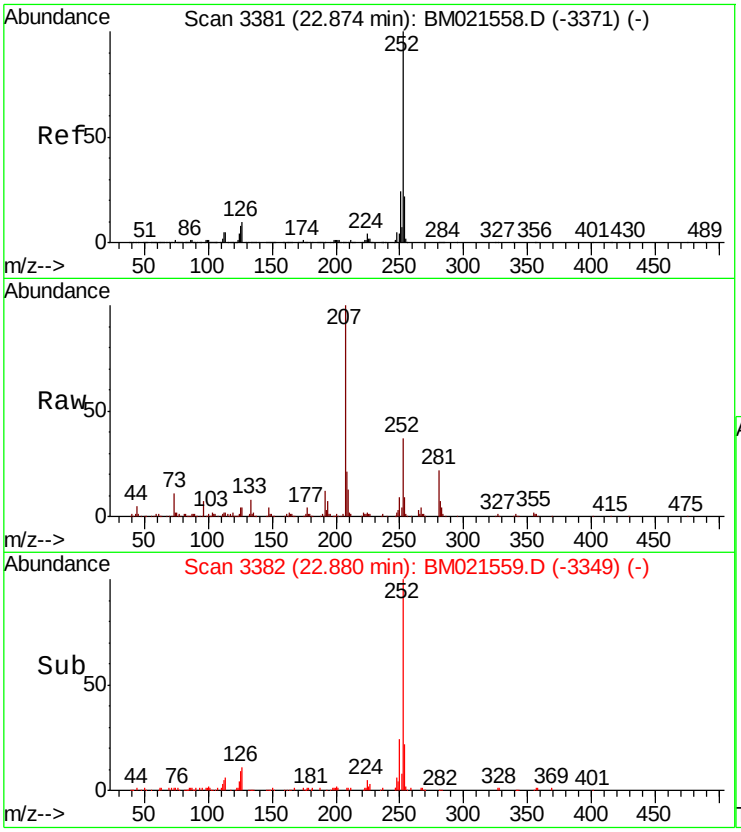


#84
Chrysene
Concen: 2.855 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Tgt Ion:228 Resp: 163167

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	21.6	15.4	23.0



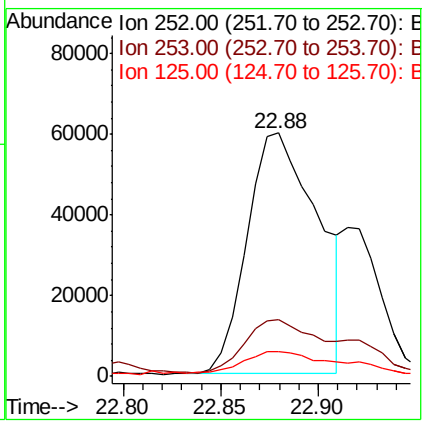


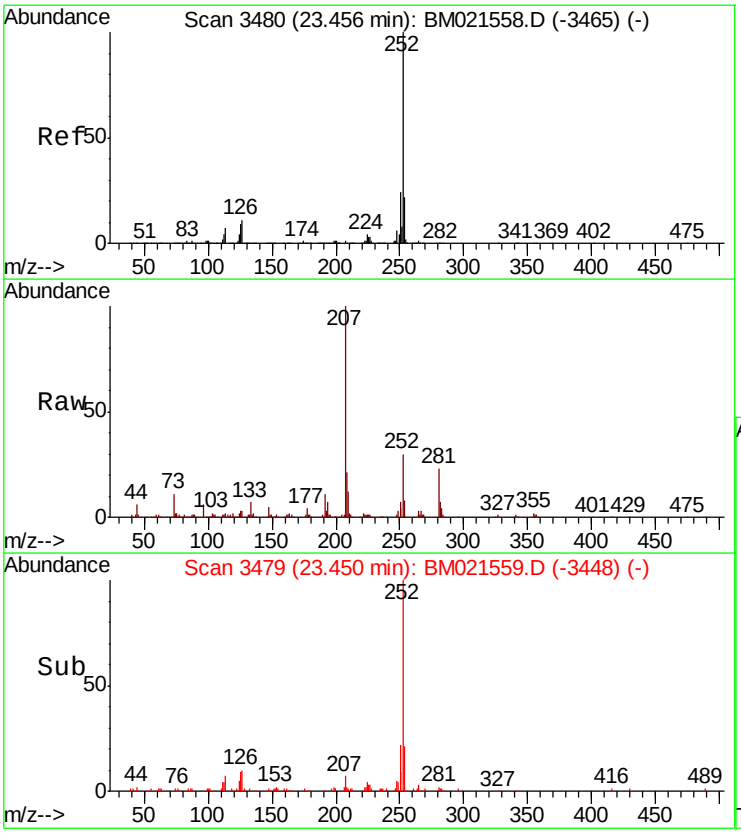
#87
Benzo(b)fluoranthene
Concen: 2.360 ng/ul
RT: 22.88 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Instrument :
BNA_M
ClientSampleId :
BF4B8DL

Tgt Ion:252 Resp: 150515

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.1	5.9	8.9#





#90
Benzo(a)pyrene
Concen: 1.510 ng/ul
RT: 23.45 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM021559.D
Acq: 19 Jul 2019 15:50

Tgt Ion:252 Resp: 93011

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	10.0	6.9	10.3