Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020431.D
Acq On : 20 May 2019 16:42
Operator : JU/SJ
Sample : K2633-13MEDL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA5MEDL

Quant Time: May 21 02:23:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	58130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	222686	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	128949	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	294041	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	292651	20.00	ng/ul	0.01
85) Perylene-d12	23.61	264	335946	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	548	0.35	ng/uL	0.02
5) Phenol-d5	6.90	99	6009	1.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	4077	1.38	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	5166	1.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	3578	1.06	ng/ul	0.02
19) Nitrobenzene-d5	8.92	128	1627	1.12	ng/ul	0.02
22) 2-Nitrophenol-d4	9.63	143	1648	1.03	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.17	165	3967	1.17	ng/ul	0.02
29) 4-Chloroaniline-d4	10.70	131	3890	1.11	ng/ul	0.04
43) Dimethylphthalate-d6	13.80	166	17901	1.93	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	20358	1.75	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.39	176	15518	1.88	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.14	188	294041	23.31	ng/ul	-0.09
78) Pyrene-d10	19.54	212	26387	1.87	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.47	264	28785	1.89	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.58	128	540816	52.860	ng/ul	100
34) 2-Methylnaphthalene	12.19	142	106794	14.416	ng/ul	99
40) 1,1'-Biphenyl	13.22	154	20428	2.213	ng/ul	98
47) Acenaphthylene	14.11	152	27166	2.482	ng/ul	98
58) Fluorene	15.44	166	43200	4.733	ng/ul	99
69) Phenanthrene	17.18	178	248493	17.736	ng/ul	99
71) Anthracene	17.27	178	52508	3.684	ng/ul	100
76) Fluoranthene	19.20	202	107881	6.096	ng/ul	98
79) Pyrene	19.57	202	142704	8.124	ng/ul	97
82) Benzo(a)anthracene	21.32	228	57610	3.271	ng/ul	95
84) Chrysene	21.37	228	45225	2.687	ng/ul	94
87) Benzo(b)fluoranthene	22.93	252	39604	2.066	ng/ul#	89
88) Benzo(k)fluoranthene	22.93	252	39604	2.103	ng/ul#	90
90) Benzo(a)pyrene	23.52	252	39178	2.171	ng/ul#	91

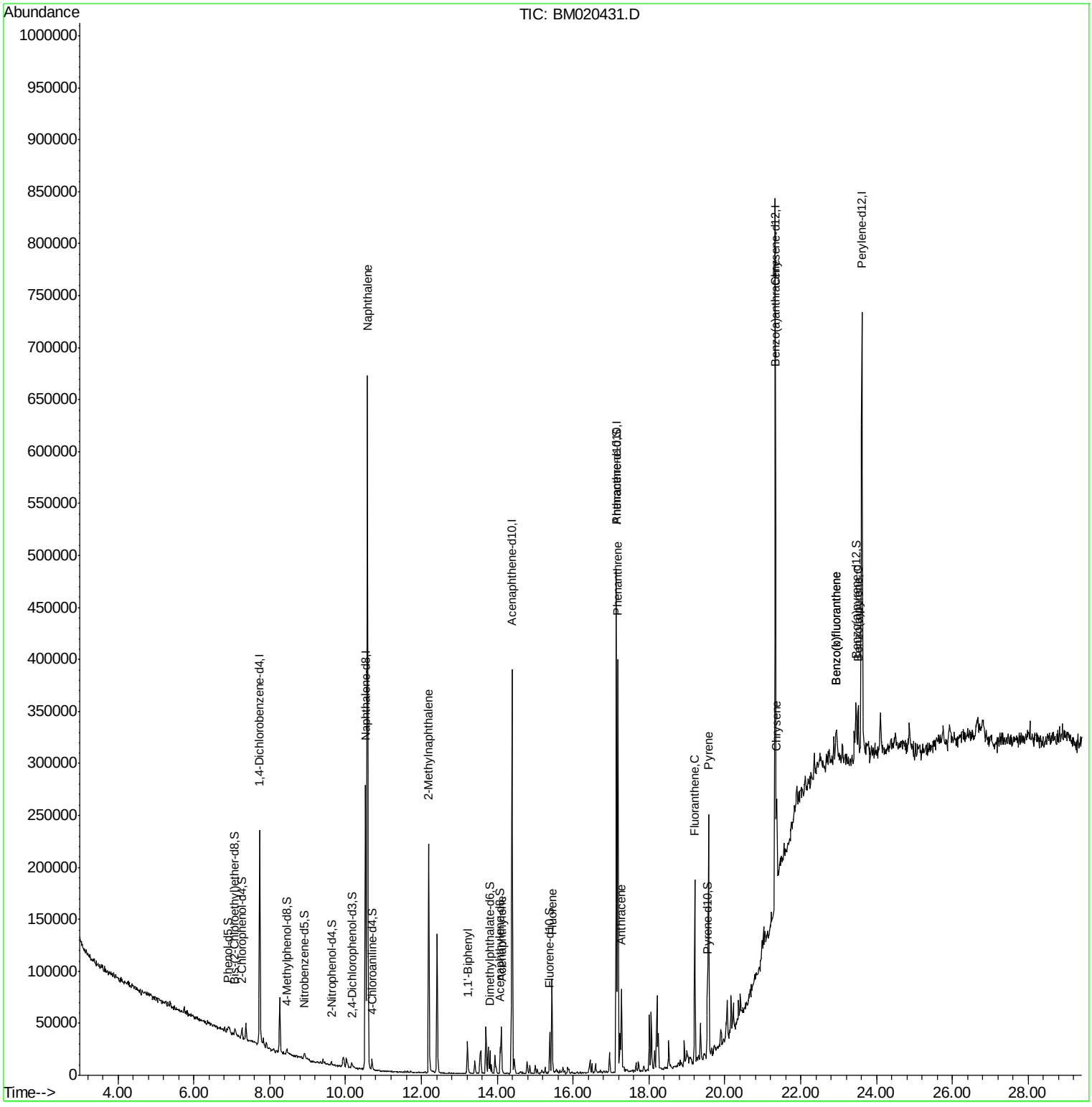
(#) = qualifier out of range (m) = manual integration (+) = signals summed

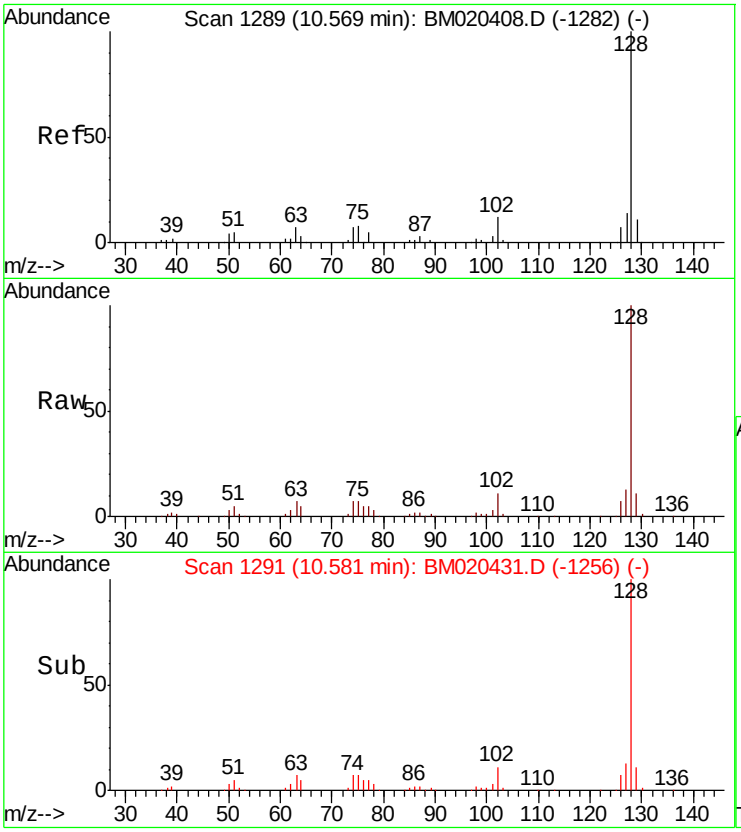
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020431.D
Acq On : 20 May 2019 16:42
Operator : JU/SJ
Sample : K2633-13MEDL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5MEDL

Quant Time: May 21 02:23:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration



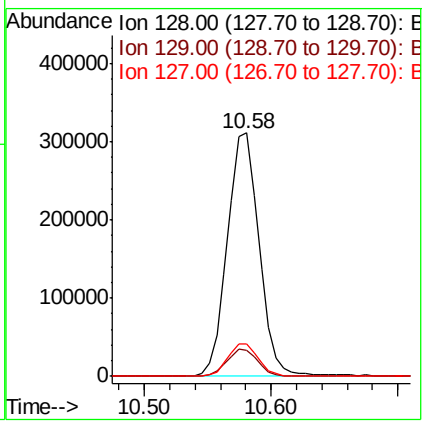


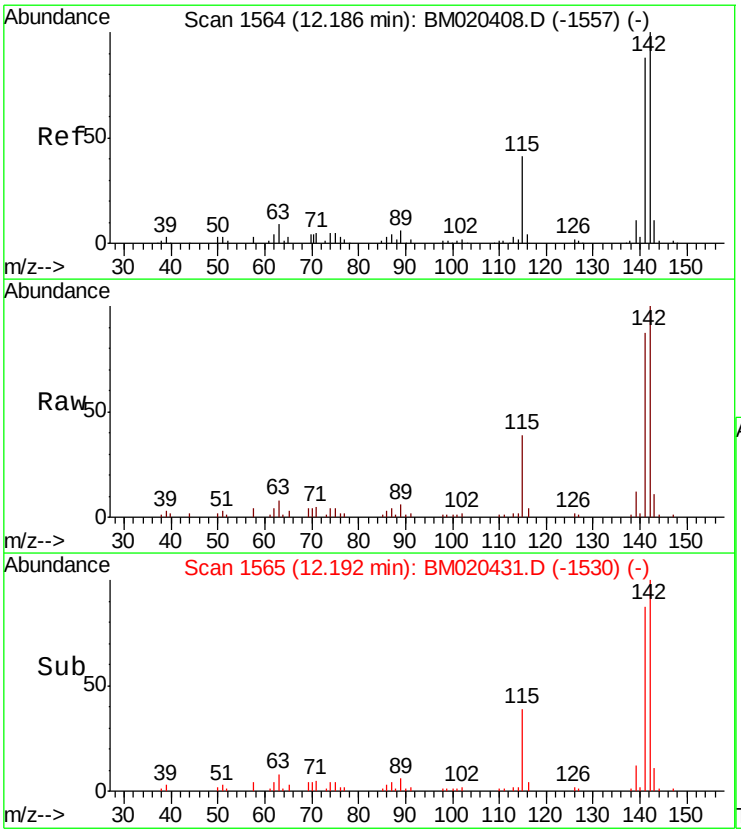
#28
Naphthalene
Concen: 52.860 ng/ul
RT: 10.58 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Instrument :
BNA_M
ClientSampleId :
GAJA5MEDL

Tgt Ion:128 Resp: 540816

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.3	10.6	15.8

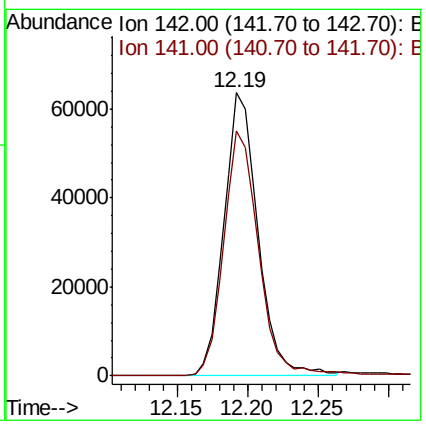


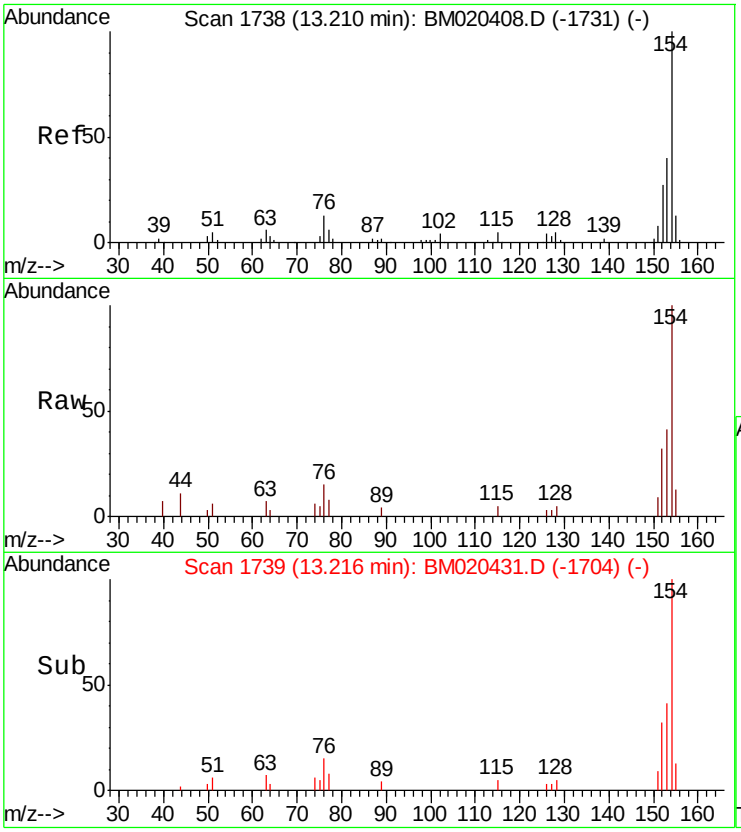


#34
2-Methylnaphthalene
Concen: 14.416 ng/ul
RT: 12.19 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Tgt Ion:142 Resp: 106794

Ion	Ratio	Lower	Upper
142	100		
141	86.7	68.6	102.8



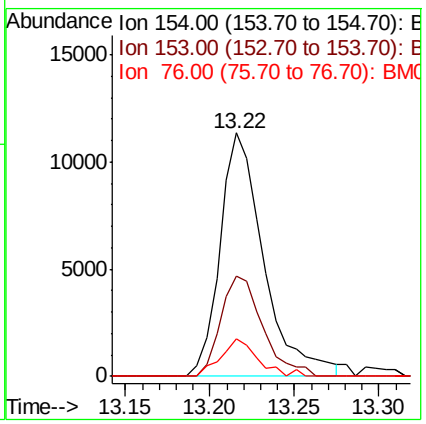


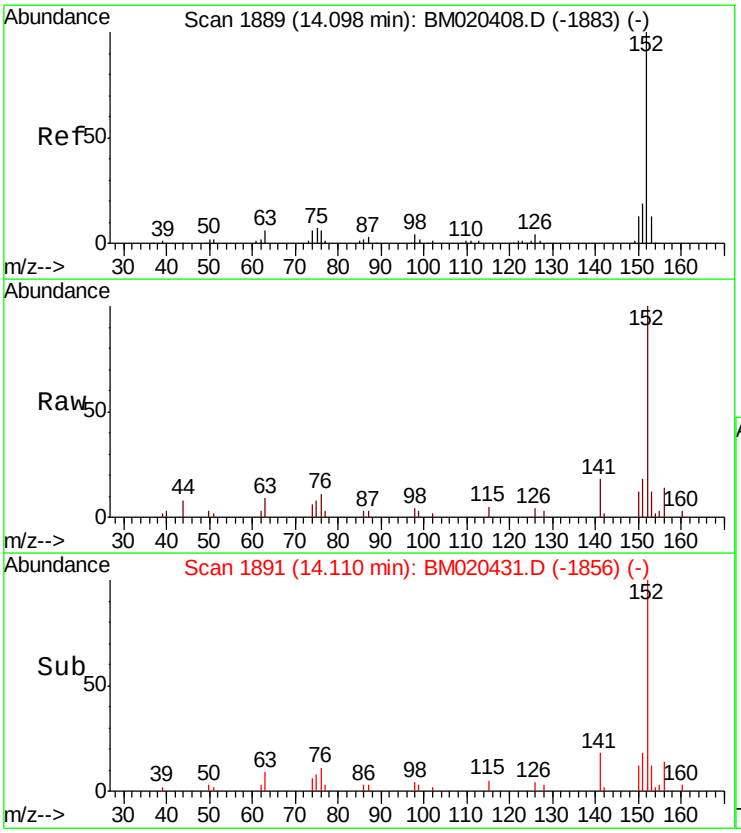
#40
1,1'-Biphenyl
Concen: 2.213 ng/ul
RT: 13.22 min Scan# 1739
Delta R.T. 0.01 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Instrument :
BNA_M
ClientSampleId :
GAJA5MEDL

Tgt Ion:154 Resp: 20428

Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.2	48.4
76	15.3	11.0	16.4

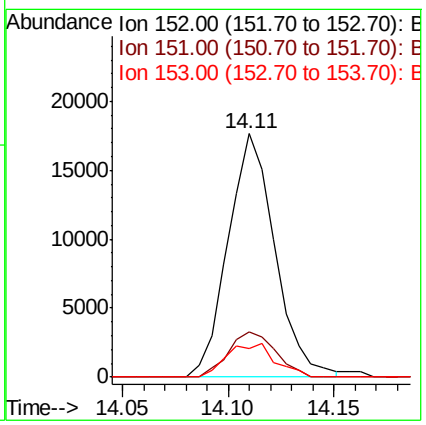


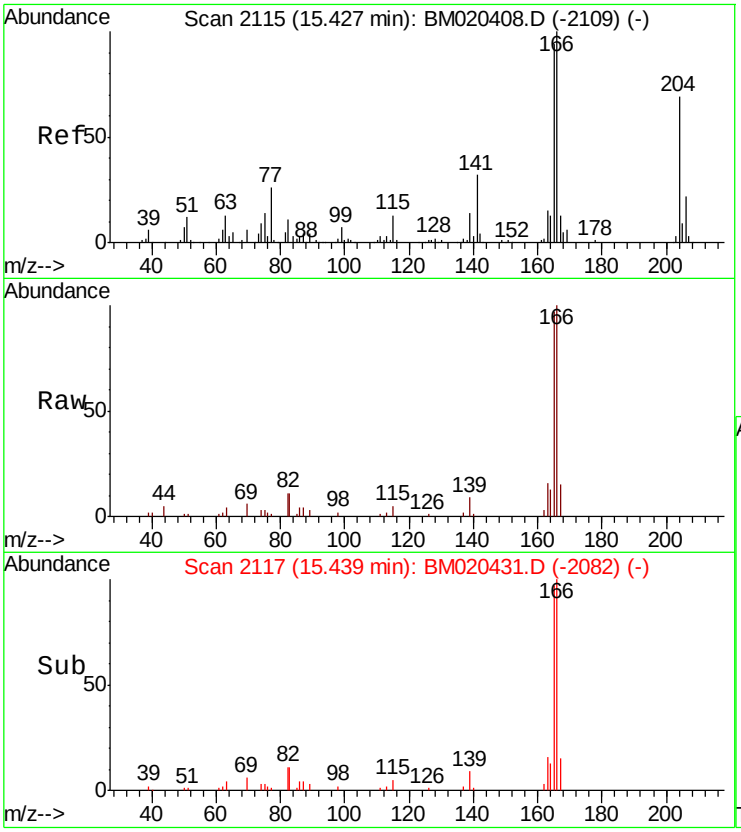


#47
Acenaphthylene
Concen: 2.482 ng/ul
RT: 14.11 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Tgt Ion:152 Resp: 27166

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0
153	11.6	10.3	15.5



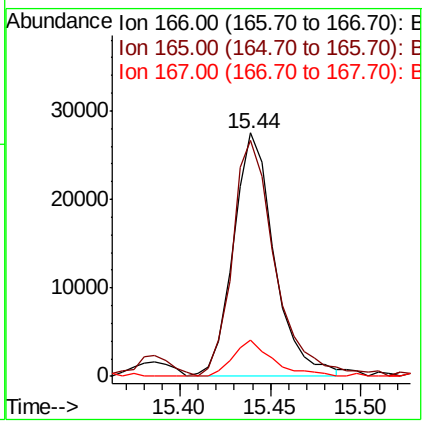


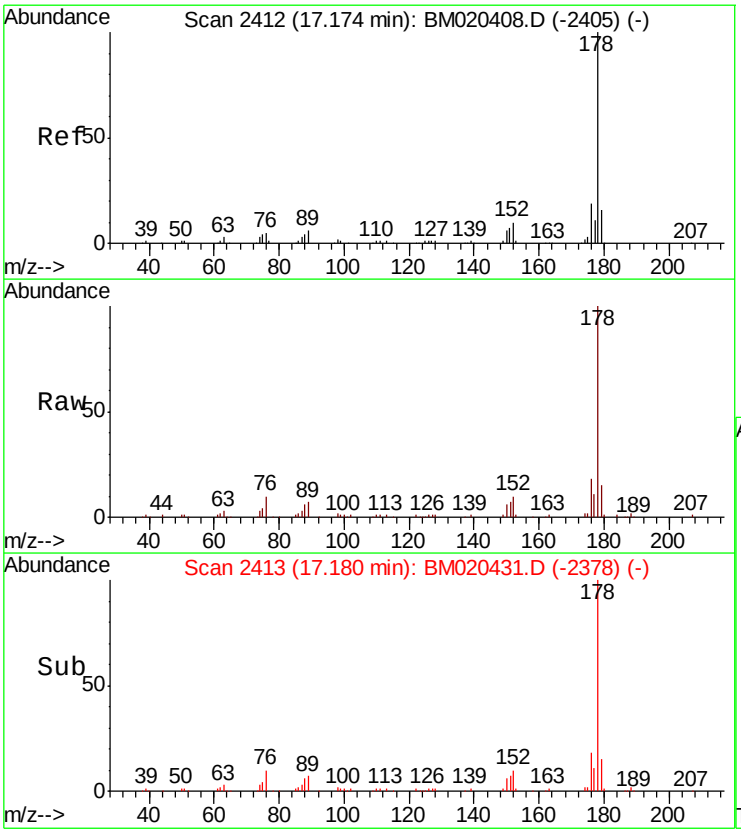
#58
Fluorene
Concen: 4.733 ng/ul
RT: 15.44 min Scan# 2117
Delta R.T. 0.01 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Instrument :
BNA_M
ClientSampleId :
GAJA5MEDL

Tgt Ion:166 Resp: 43200

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.1	115.7
167	14.6	11.1	16.7

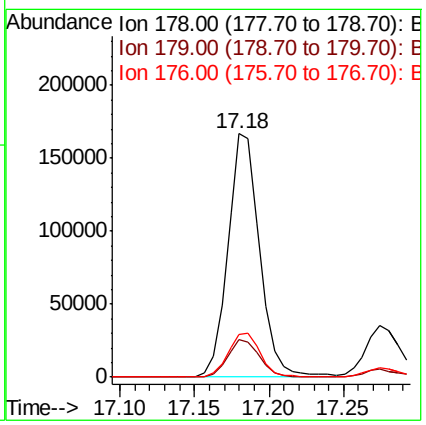


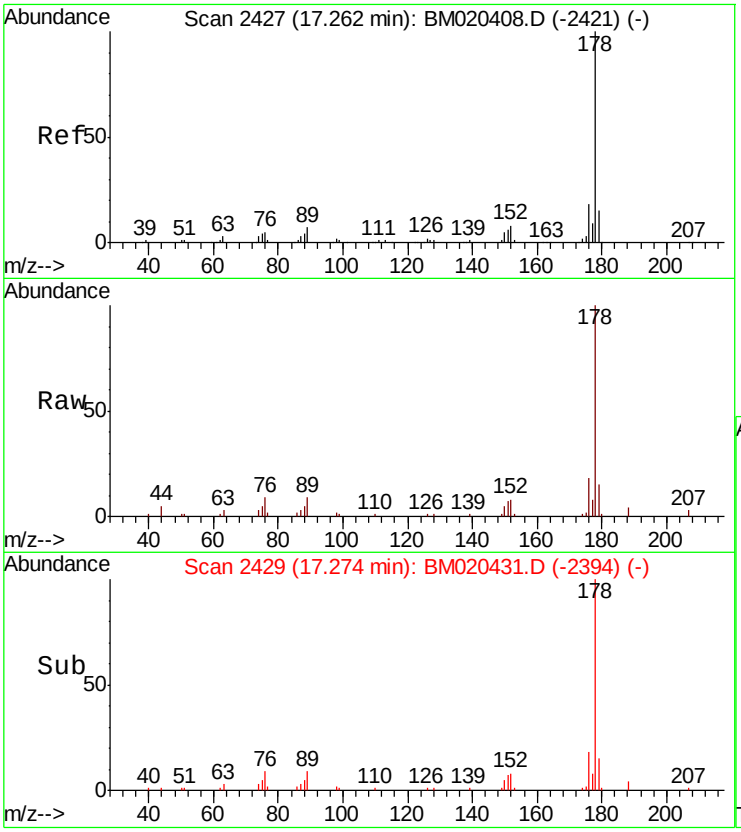


#69
Phenanthrene
Concen: 17.736 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Tgt Ion:178 Resp: 248493

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	17.7	14.6	22.0



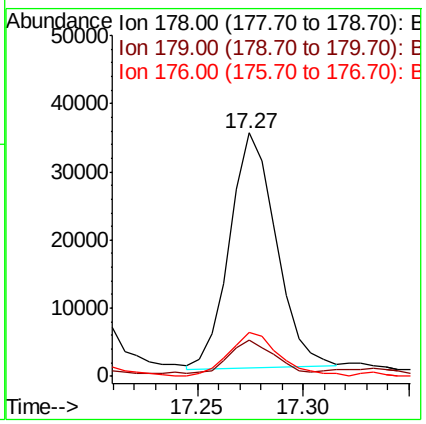


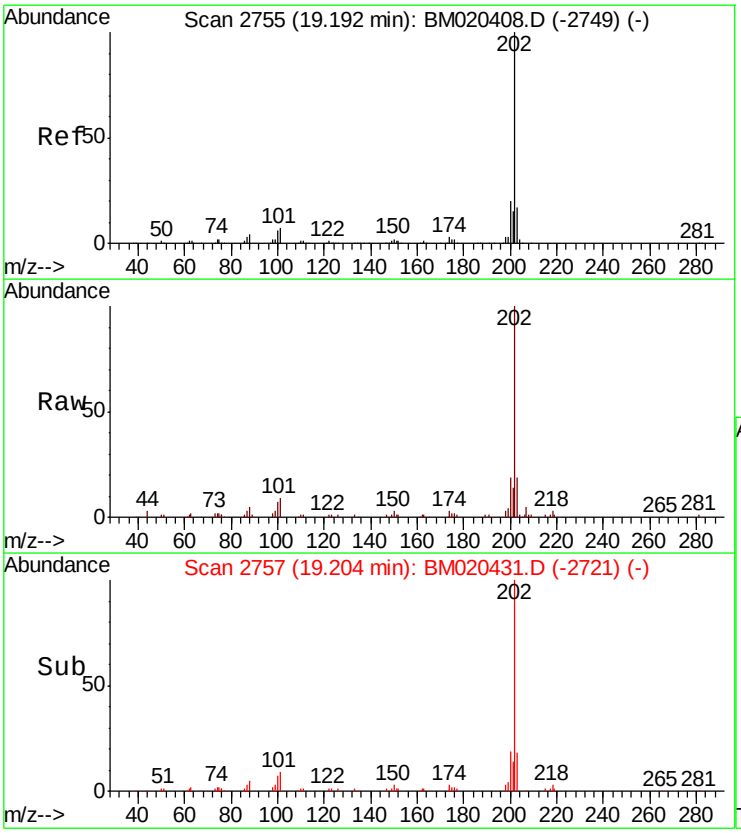
#71
Anthracene
Concen: 3.684 ng/ul
RT: 17.27 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Instrument :
BNA_M
ClientSampleId :
GAJA5MEDL

Tgt Ion:178 Resp: 52508

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	18.0	14.4	21.6

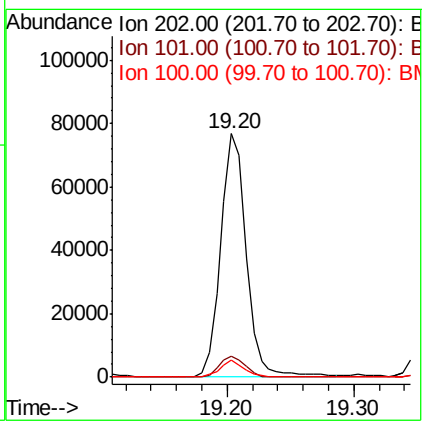


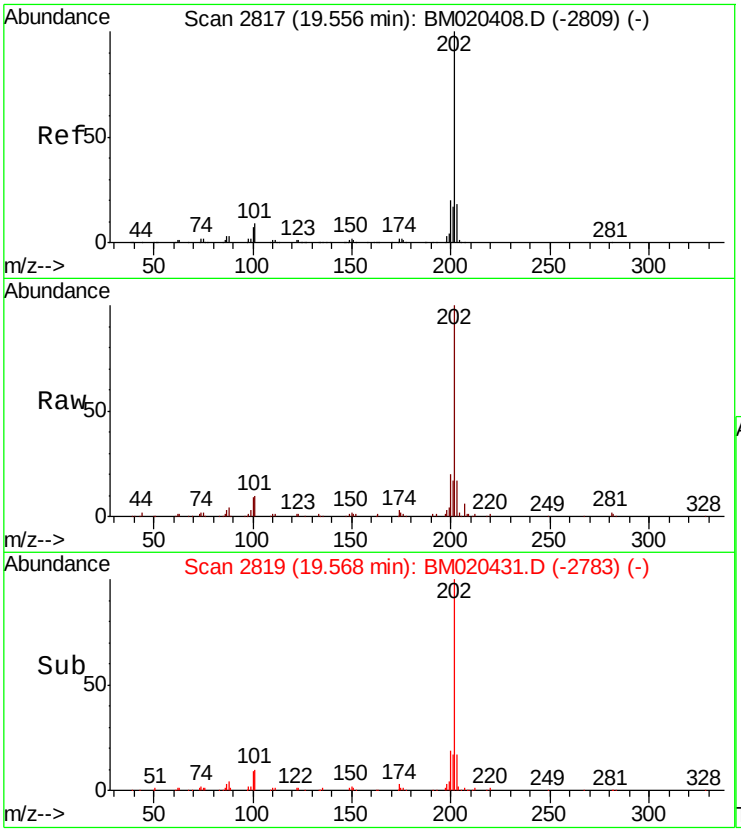


#76
Fluoranthene
Concen: 6.096 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. 0.01 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Tgt Ion:202 Resp: 107881

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.4	9.6
100	6.9	5.2	7.8



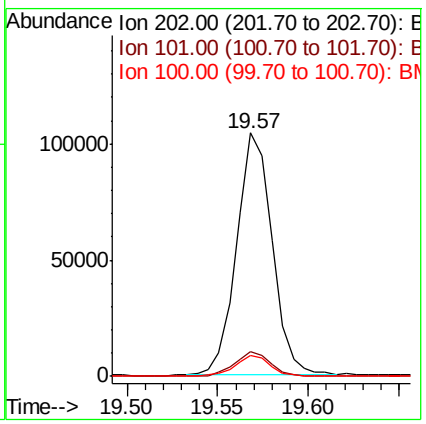


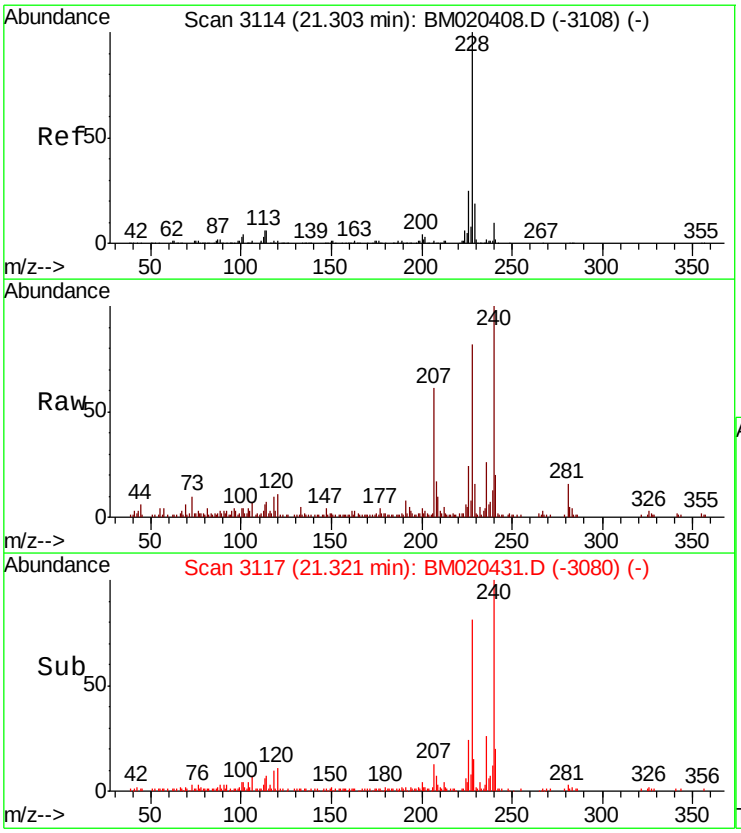
#79
Pyrene
Concen: 8.124 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. 0.01 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Instrument :
BNA_M
ClientSampleId :
GAJA5MEDL

Tgt Ion:202 Resp: 142704

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.1	10.7
100	8.6	5.9	8.9

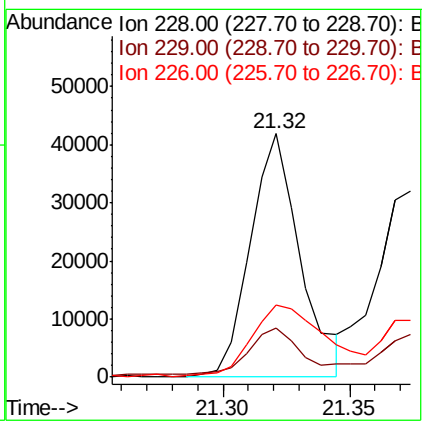


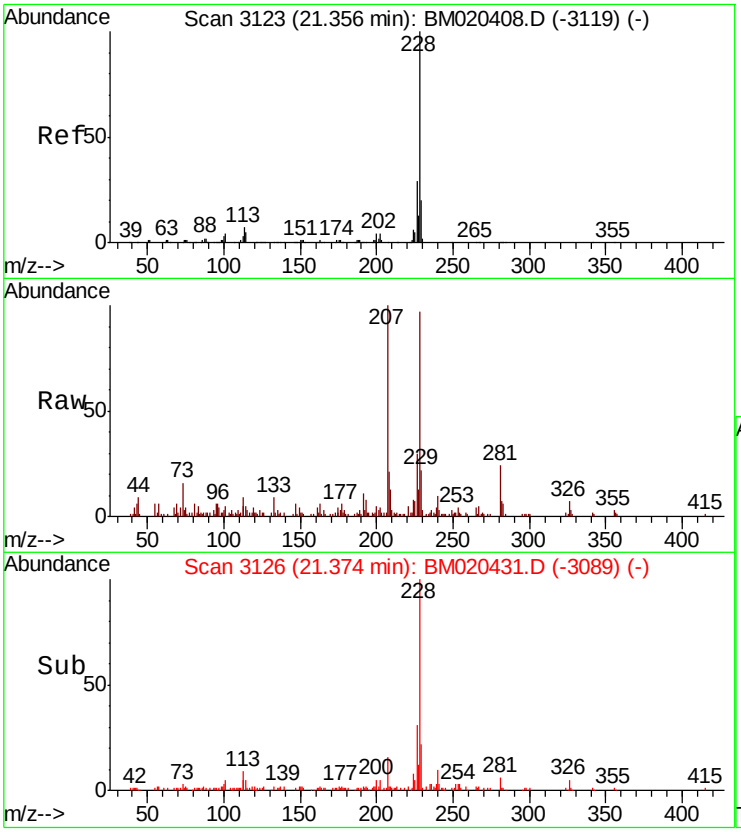


#82
Benzo(a)anthracene
Concen: 3.271 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.02 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Tgt Ion:228 Resp: 57610

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.8
226	29.8	20.6	30.8



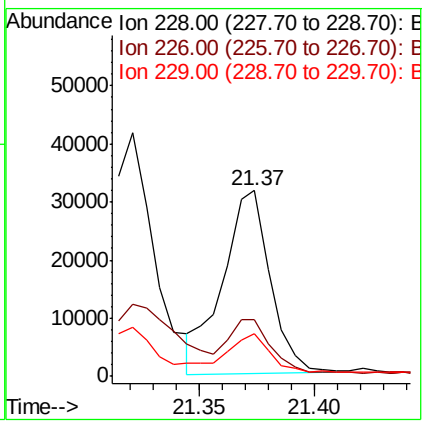


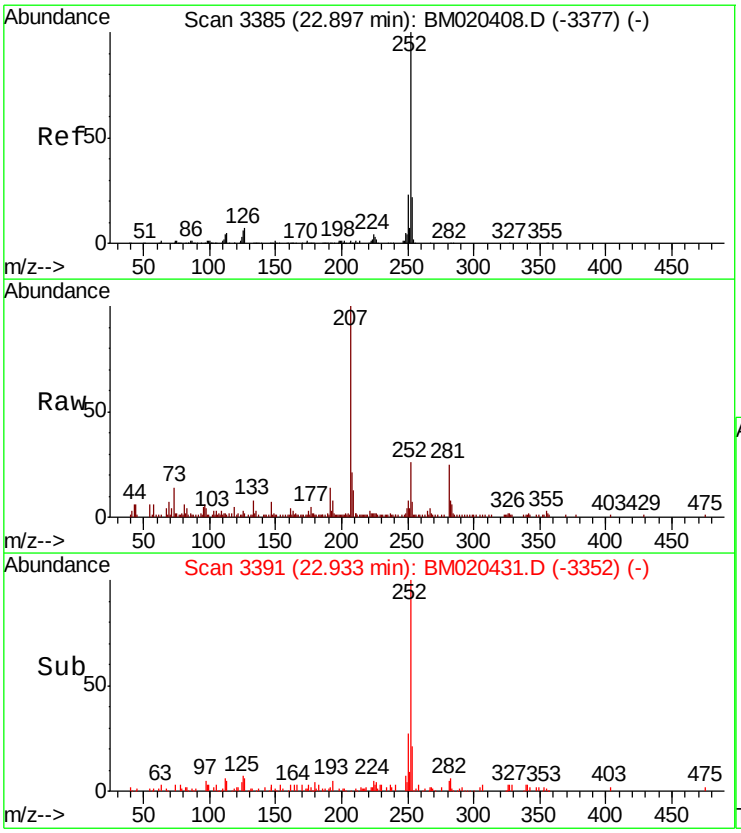
#84
Chrysene
Concen: 2.687 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. 0.02 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Instrument :
BNA_M
ClientSampleId :
GAJA5MEDL

Tgt Ion:228 Resp: 45225

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.4
229	22.8	15.4	23.2

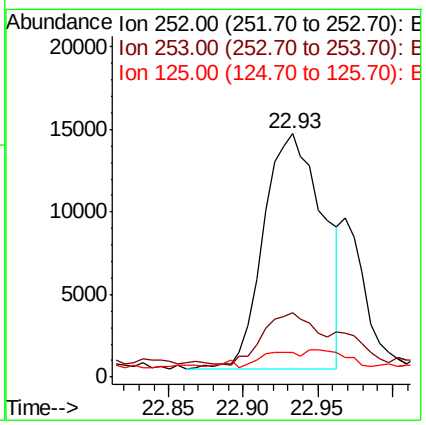


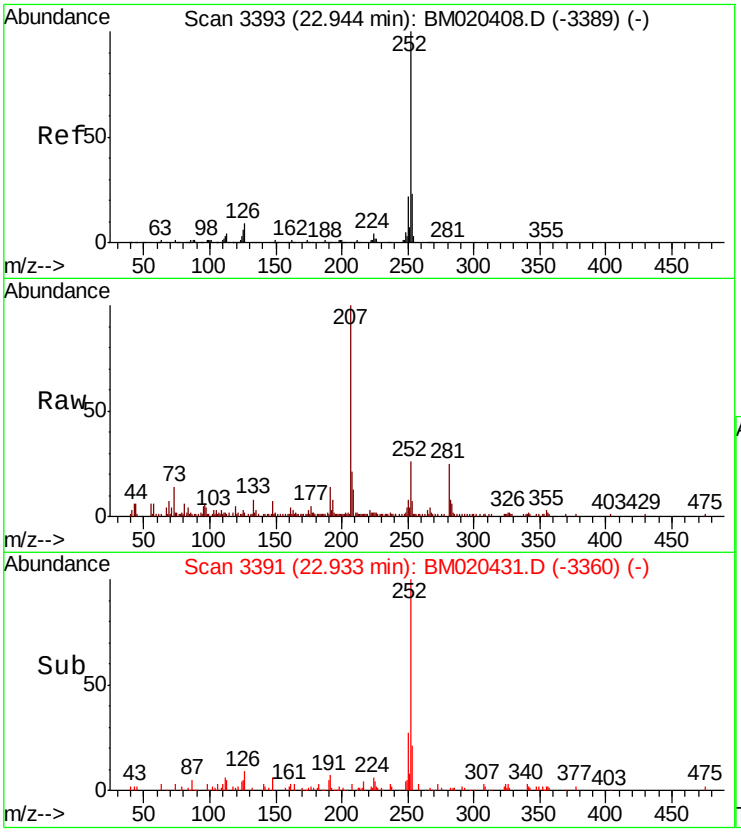


#87
Benzo(b)fluoranthene
Concen: 2.066 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. 0.03 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Tgt Ion:252 Resp: 39604

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	10.3	5.0	7.4#



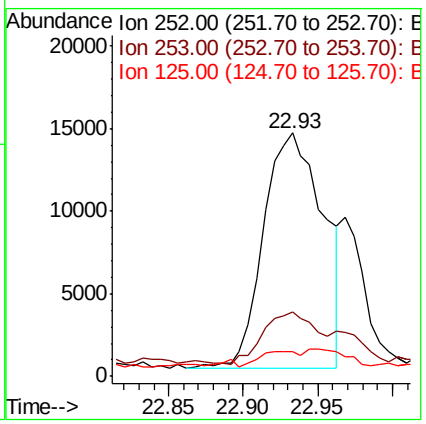


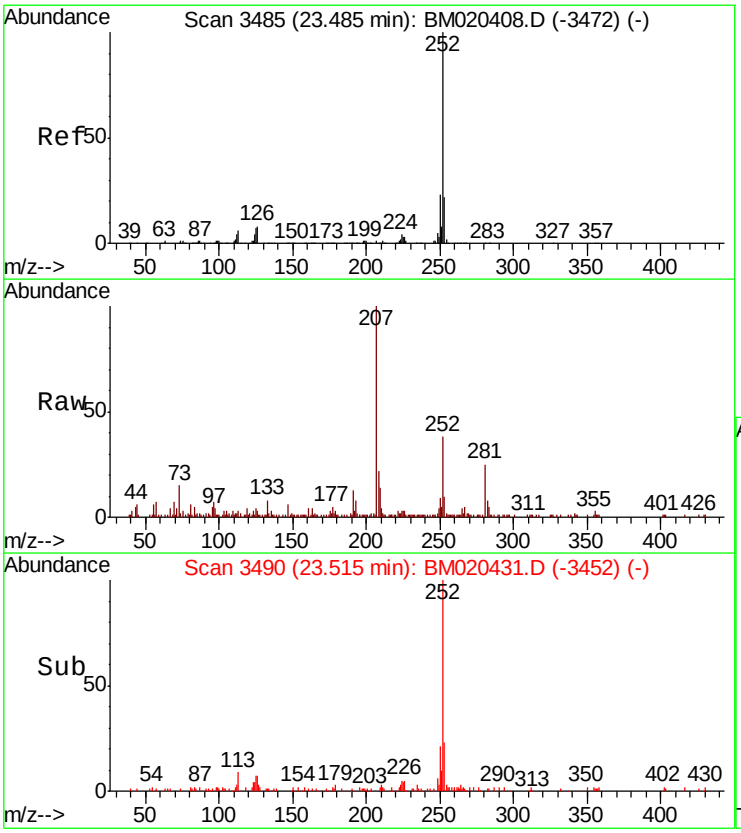
#88
Benzo(k)fluoranthene
Concen: 2.103 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.02 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Instrument :
BNA_M
ClientSampleId :
GAJA5MEDL

Tgt Ion:252 Resp: 39604

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.6	26.4
125	10.3	5.0	7.6#





#90
Benzo(a)pyrene
Concen: 2.171 ng/ul
RT: 23.52 min Scan# 3490
Delta R.T. 0.02 min
Lab File: BM020431.D
Acq: 20 May 2019 16:42

Tgt Ion:252 Resp: 39178

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.2
125	9.9	5.4	8.2#