Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

Quantitation Report (Not Reviewed)

Data File : BM023874.D
Acq On : 23 Nov 2019 01:34
Operator : JU
Sample : K5854-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

Quant Time: Nov 23 05:25:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	382787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1535099	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	941711	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	1962323	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1884477	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2405074	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	26856	2.89	ng/uL	0.01
5) Phenol-d5	6.70	99	605377	17.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	353283	17.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	490804	19.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	426406	15.32	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	240131	21.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	272870	23.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	508067	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	498575	17.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1533586	20.88	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1855644	22.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	165720	13.22	ng/ul	0.01
58) Fluorene-d10	15.17	176	1363747	21.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	81077	7.14	ng/ul	0.00
71) Anthracene-d10	17.02	188	2105500	22.62	ng/ul	0.00
79) Pyrene-d10	19.33	212	2188115	22.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2821495	22.29	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.73	94	160434	4.463	ng/ul	97
45) Dimethylphthalate	13.63	163	372192	5.172	ng/ul	99
50) Acenaphthene	14.23	153	173869	2.904	ng/ul	98
54) Dibenzofuran	14.57	168	104671	1.181	ng/ul	99
59) Fluorene	15.23	166	263836	3.669	ng/ul	96
70) Phenanthrene	16.97	178	7645230	70.732	ng/ul	99
72) Anthracene	17.06	178	1300558	11.966	ng/ul	100
75) Carbazole	17.33	167	669055	7.385	ng/ul	99
77) Fluoranthene	18.99	202	14222786	122.819	ng/ul#	90
80) Pyrene	19.36	202	12719046	104.418	ng/ul#	93
83) Benzo(a)anthracene	21.12	228	6951934	55.927	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.06	149	115402	1.981	ng/ul	99
85) Chrysene	21.17	228	7021781	60.004	ng/ul	97
88) Benzo(b)fluoranthene	22.66	252	11283290	73.595	ng/ul	98
89) Benzo(k)fluoranthene	22.66	252	11283290	76.390	ng/ul#	96
91) Benzo(a)pyrene	23.20	252	7383437	52.606	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.43	276	5907922	39.365	ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	1388722	10.964	ng/ul#	86
94) Benzo(g,h,i)perylene	26.09	276	5502009	45.241	ng/ul	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

Quantitation Report (Not Reviewed)

Data File : BM023874.D
Acq On : 23 Nov 2019 01:34
Operator : JU
Sample : K5854-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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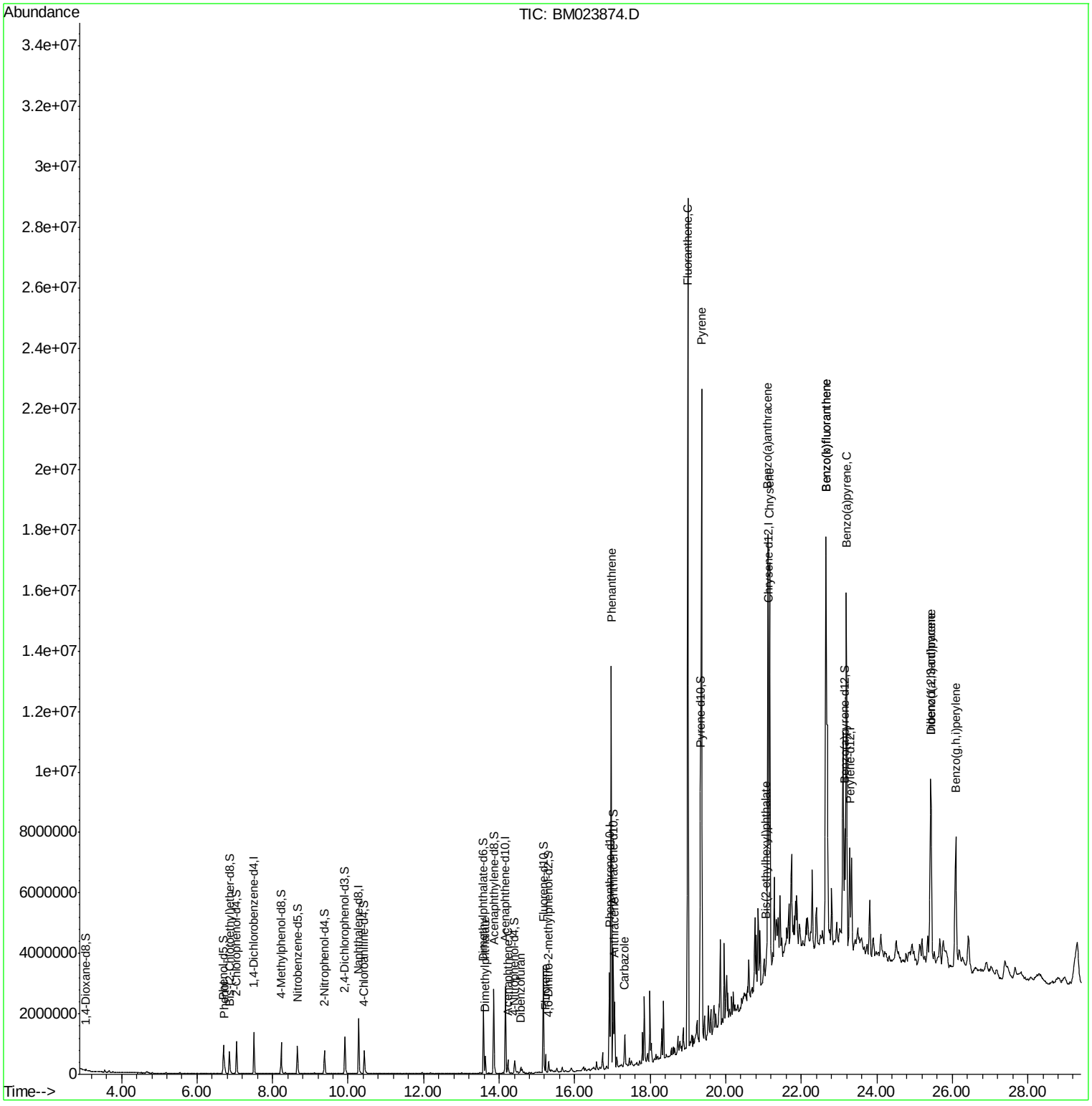
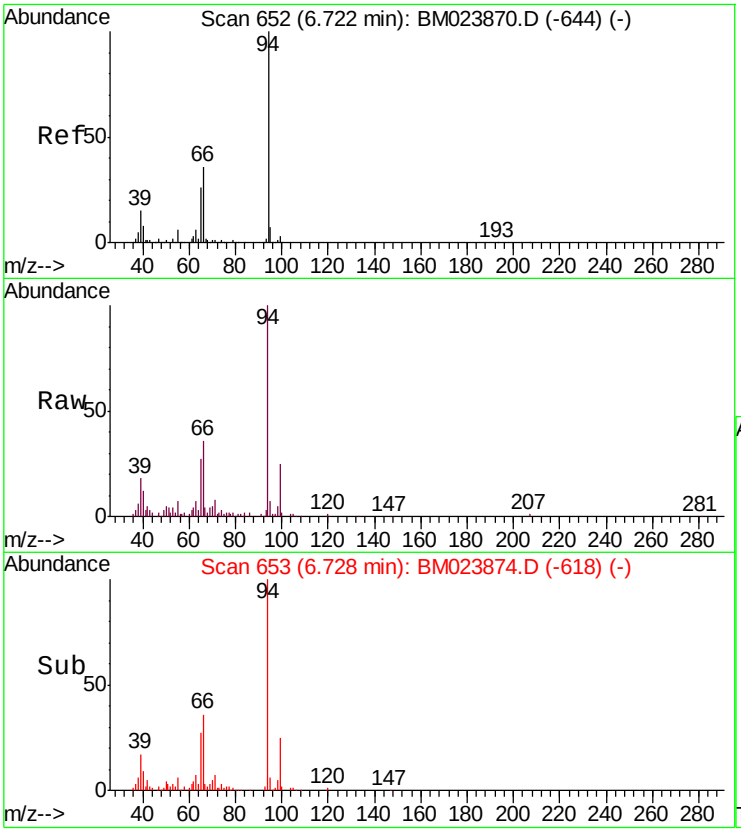
ClientSampleId :
C0AC9

Quant Time: Nov 23 05:25:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration



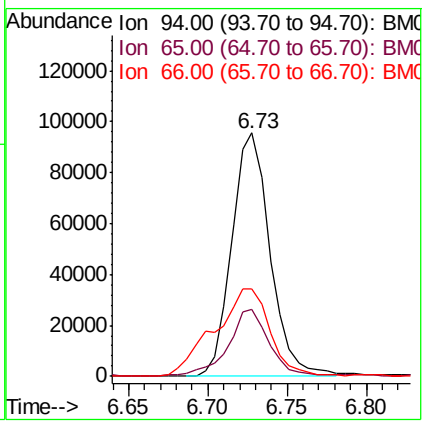


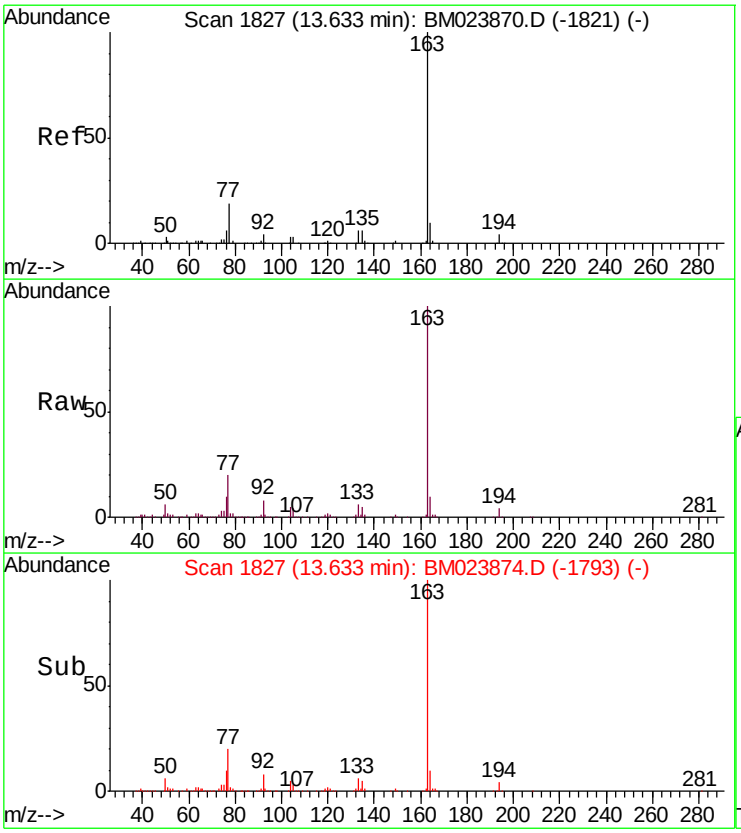
#6
Phenol
Concen: 4.463 ng/ul
RT: 6.73 min Scan# 653
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion: 94 Resp: 160434

Ion	Ratio	Lower	Upper
94	100		
65	27.4	21.4	32.2
66	36.1	30.7	46.1

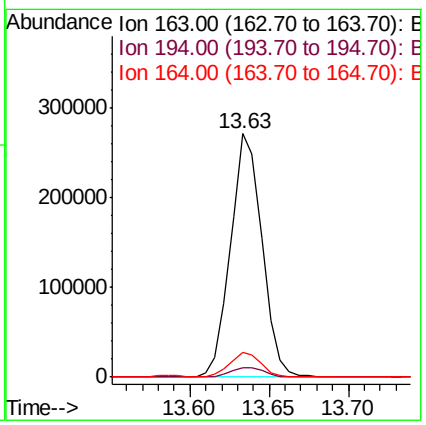


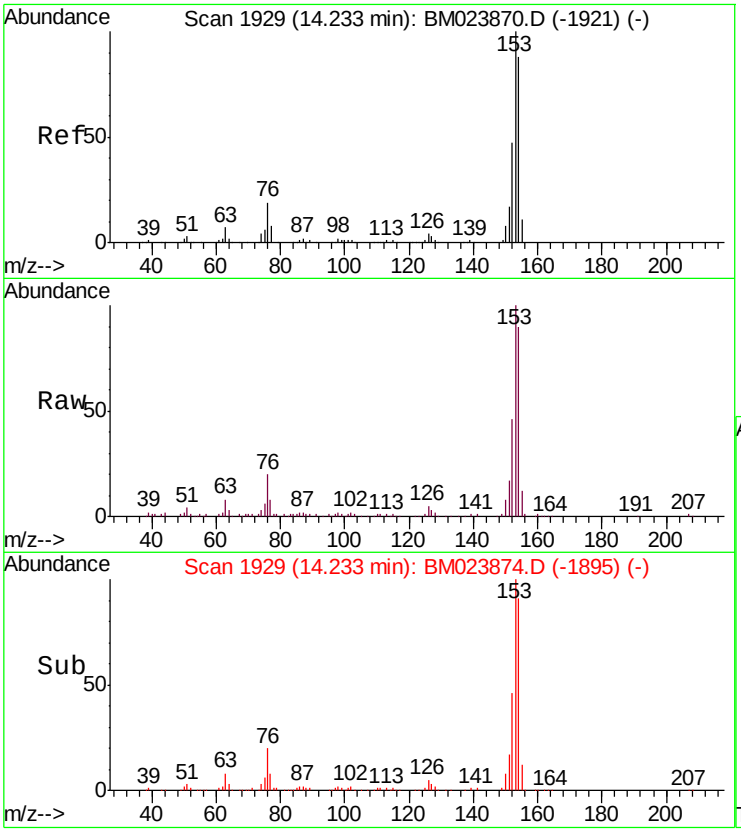


#45
Dimethylphthalate
Concen: 5.172 ng/ul
RT: 13.63 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:163 Resp: 372192

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.3	8.0	12.0



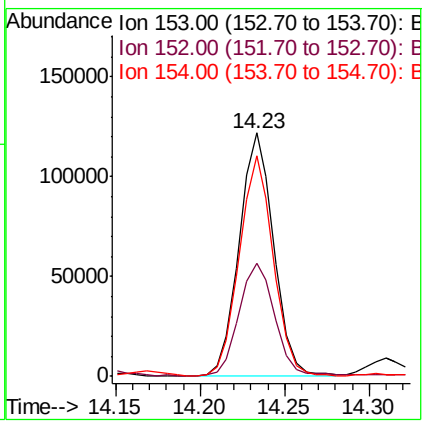


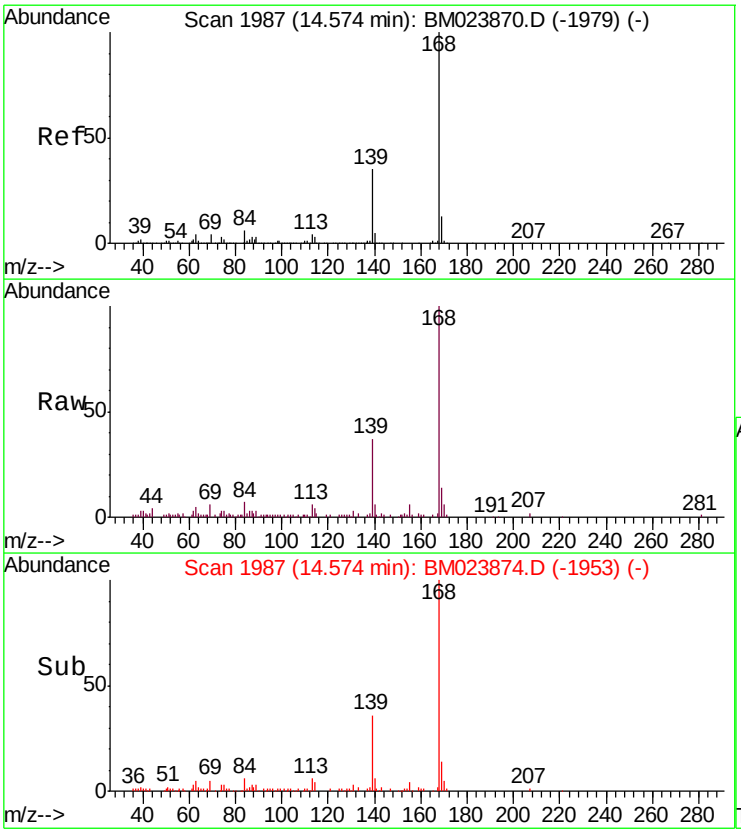
#50
Acenaphthene
Concen: 2.904 ng/ul
RT: 14.23 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion:153 Resp: 173869

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.7	56.5
154	90.4	70.6	106.0

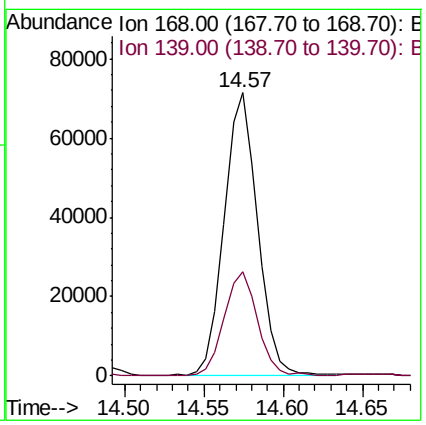


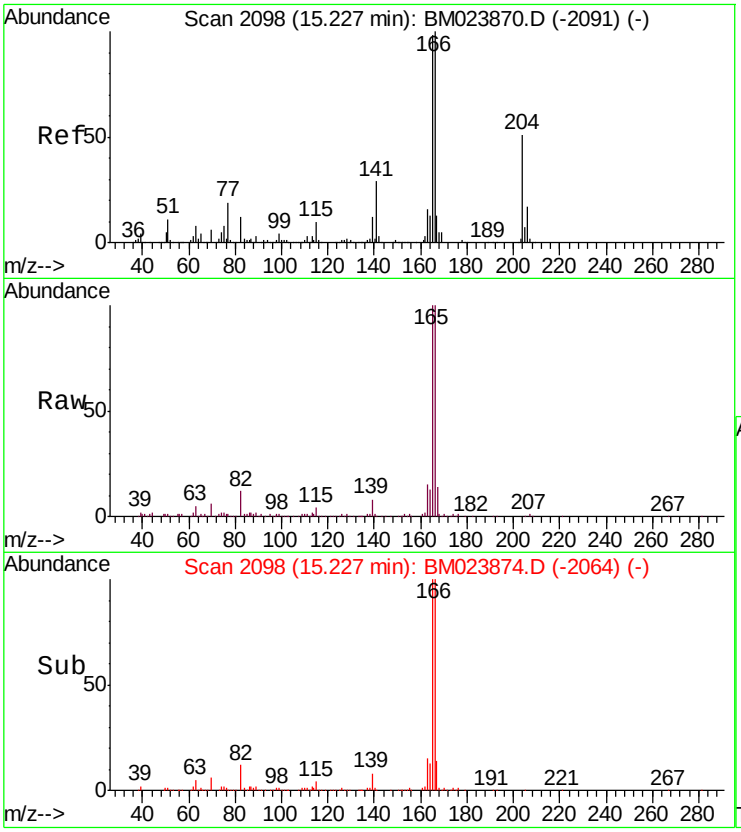


#54
Dibenzofuran
Concen: 1.181 ng/ul
RT: 14.57 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:168 Resp: 104671

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.3	43.9



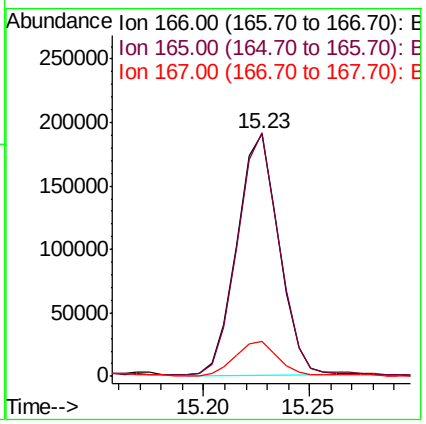


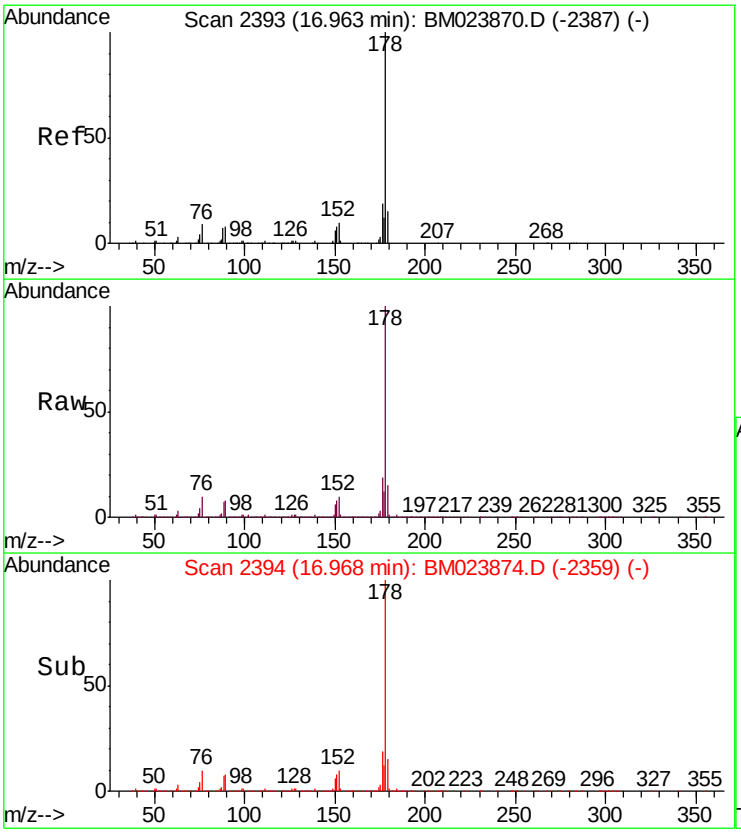
#59
Fluorene
Concen: 3.669 ng/ul
RT: 15.23 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion:166 Resp: 263836

Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.2	115.8
167	14.5	10.9	16.3

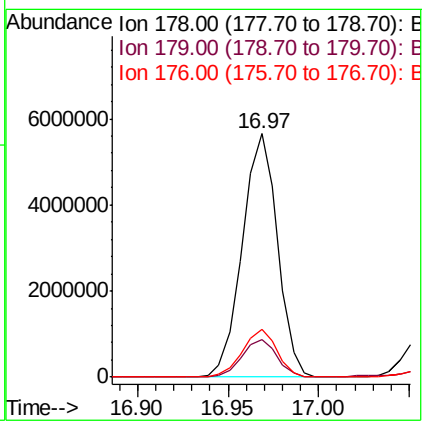


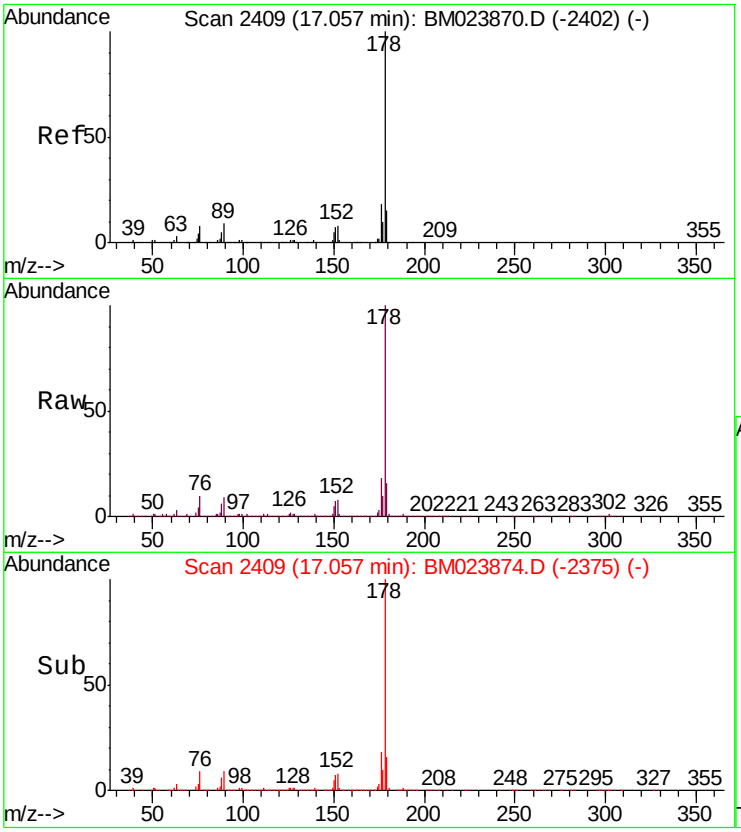


#70
Phenanthrene
Concen: 70.732 ng/ul
RT: 16.97 min Scan# 2394
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:178 Resp: 7645230

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.4	15.0	22.6



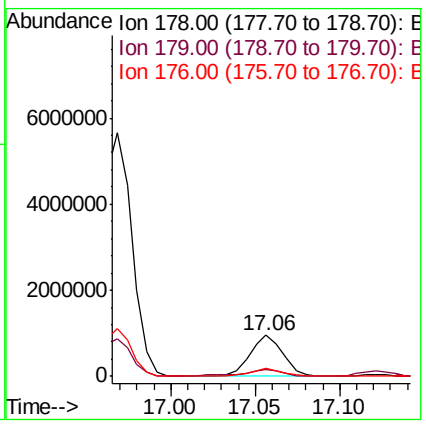


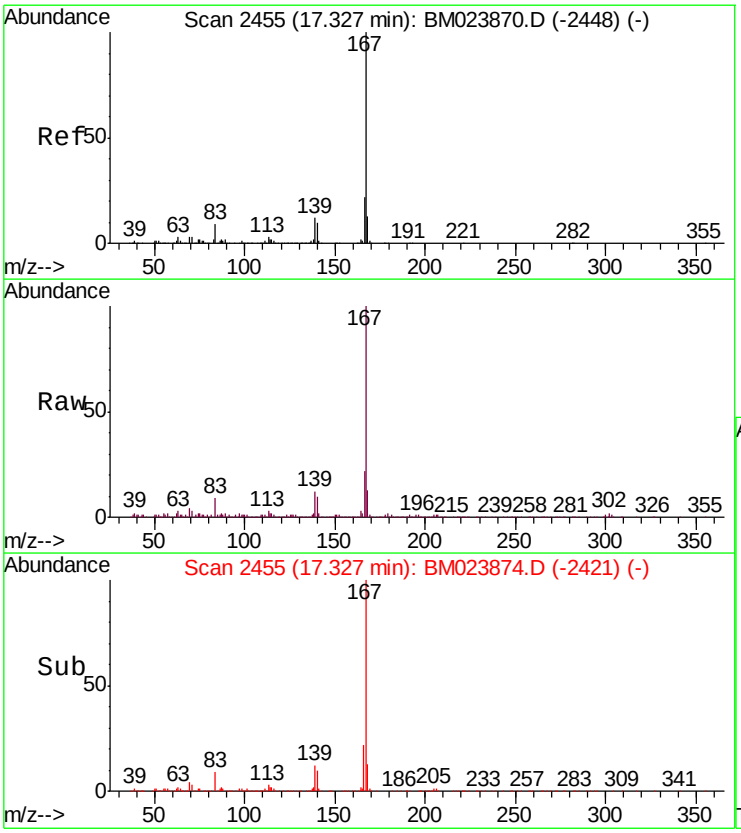
#72
Anthracene
Concen: 11.966 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion:178 Resp: 1300558

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.3	14.7	22.1

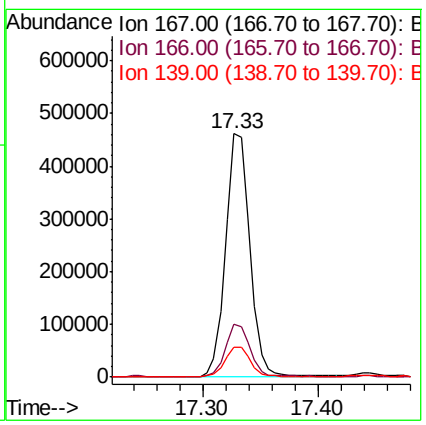


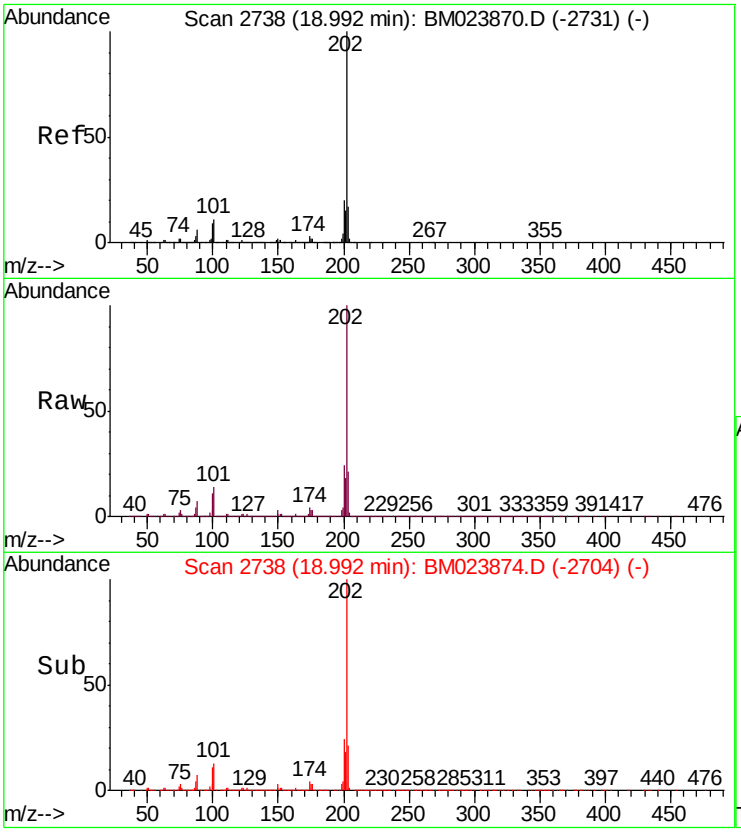


#75
Carbazole
Concen: 7.385 ng/ul
RT: 17.33 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:167 Resp: 669055

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	12.4	9.8	14.6



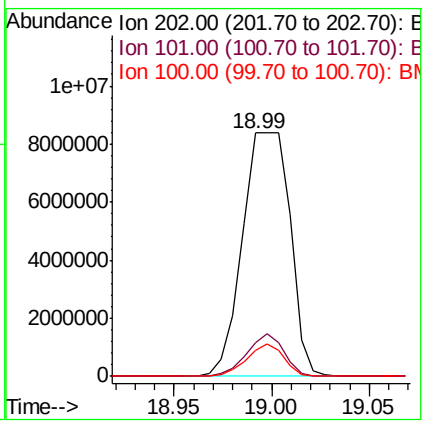


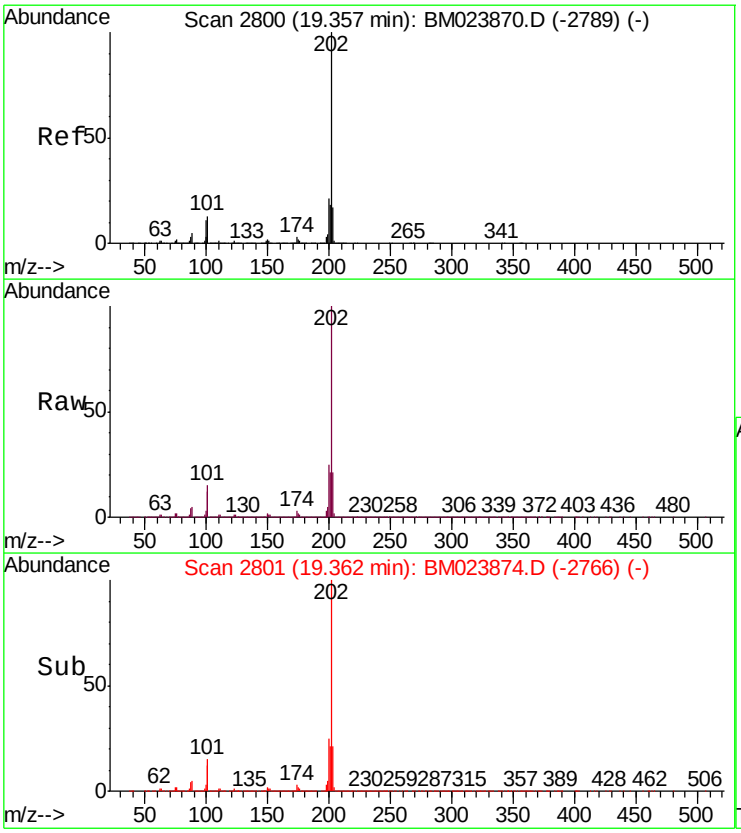
#77
Fluoranthene
Concen: 122.819 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. -0.00 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion:202 Resp:14222786

Ion	Ratio	Lower	Upper
202	100		
101	13.6	7.7	11.5#
100	10.6	6.0	9.0#

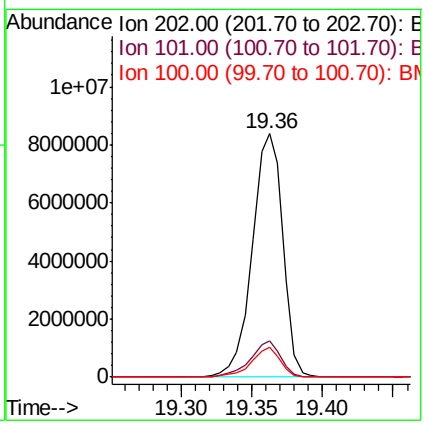


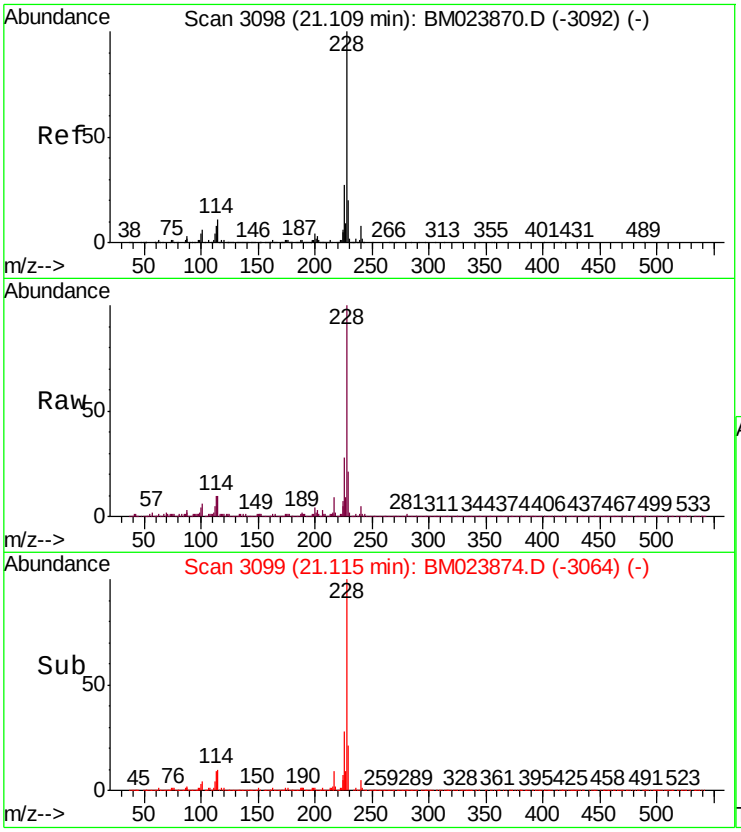


#80
Pyrene
Concen: 104.418 ng/ul
RT: 19.36 min Scan# 2801
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:202 Resp:12719046

Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.8	14.6#
100	12.4	8.1	12.1#



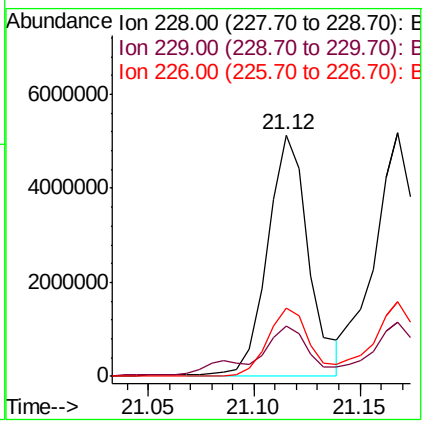


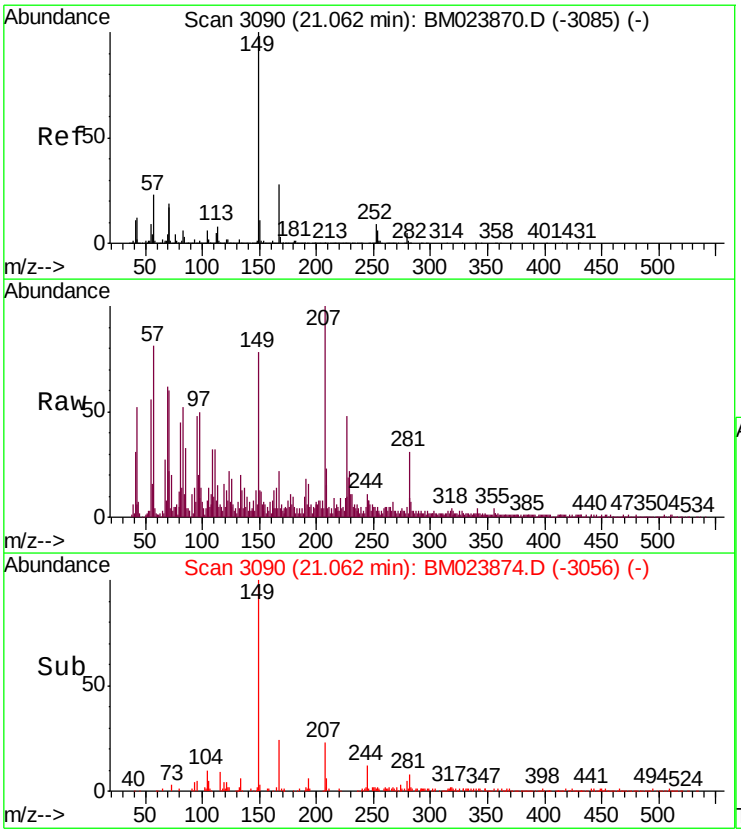
#83
Benzo(a)anthracene
Concen: 55.927 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion:228 Resp: 6951934

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	28.2	21.4	32.2

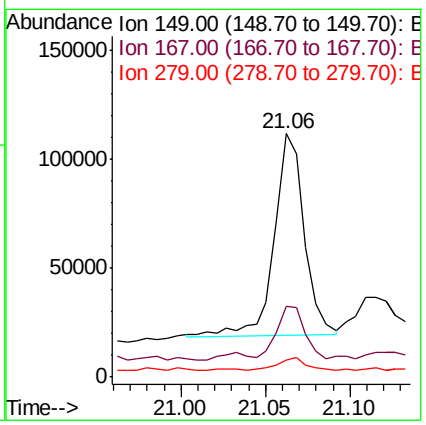


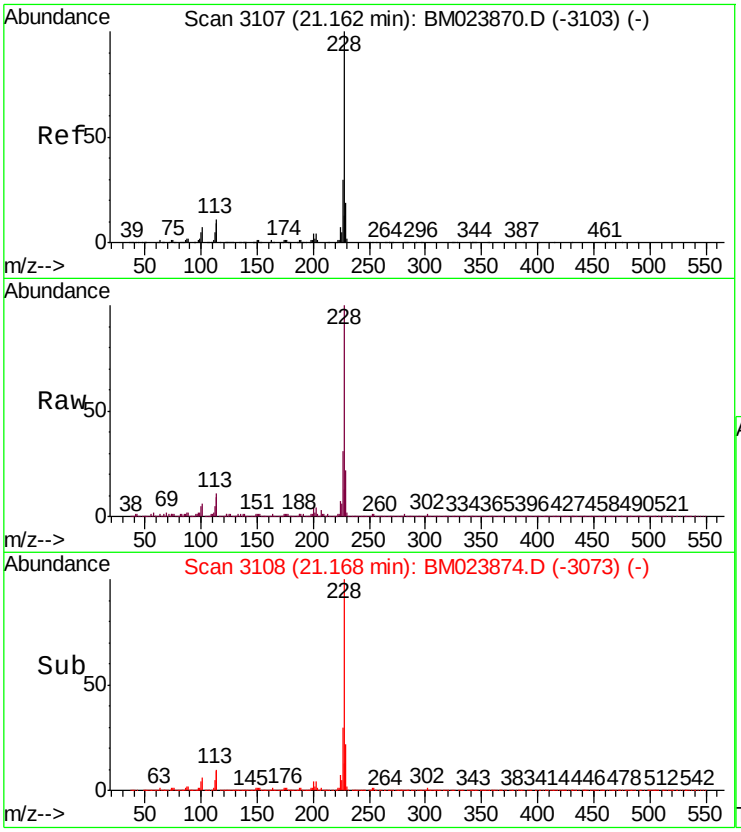


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.981 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:149 Resp: 115402

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.2
279	7.0	5.0	7.4



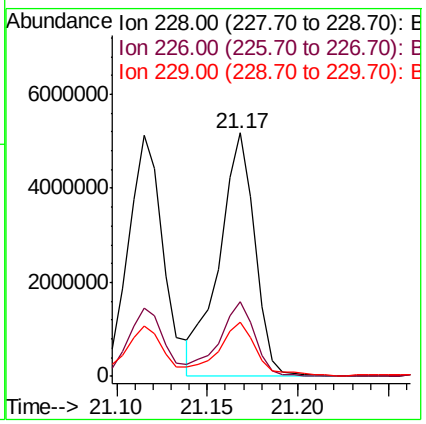


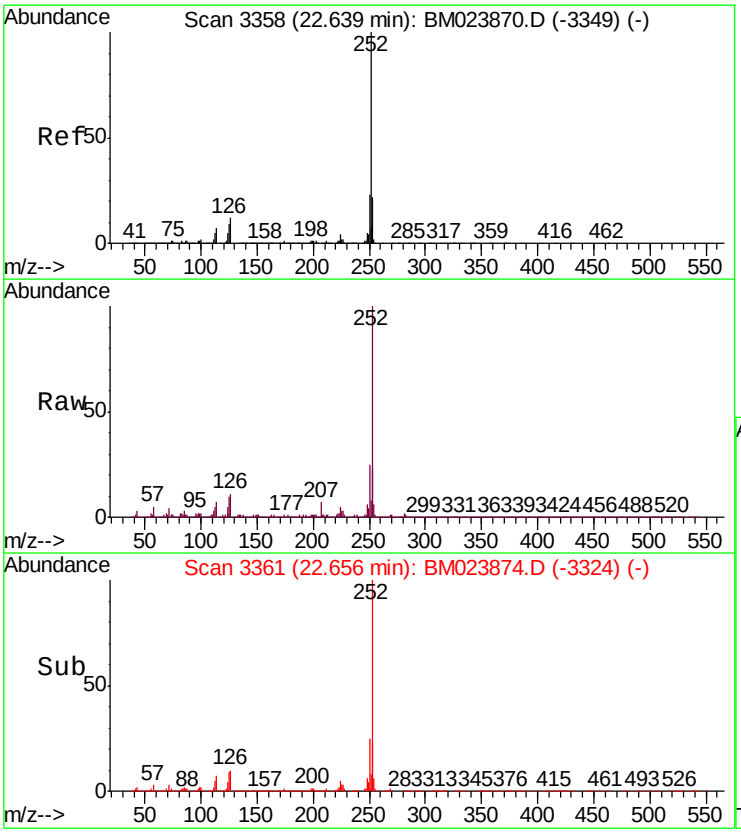
#85
Chrysene
Concen: 60.004 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion:228 Resp: 7021781

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	22.1	15.8	23.6

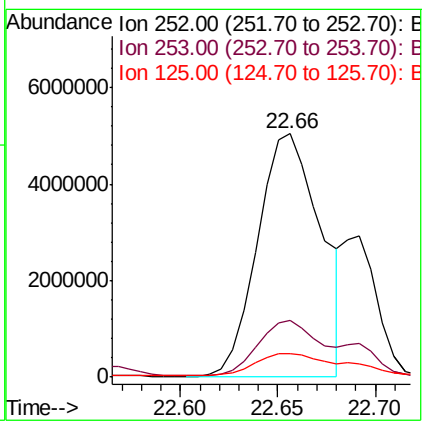


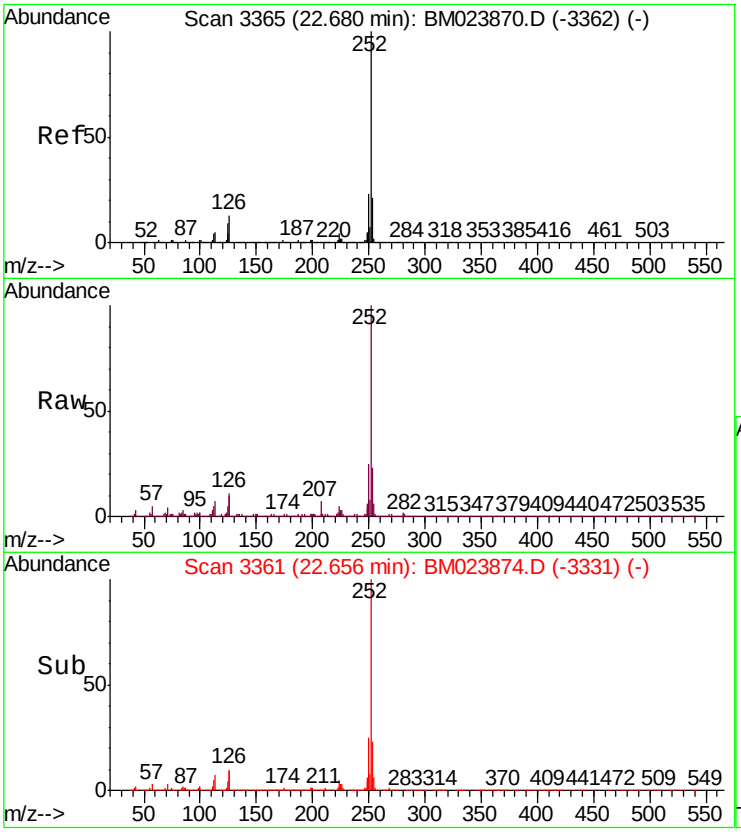


#88
Benzo(b)fluoranthene
Concen: 73.595 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:252 Resp:11283290

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.6	6.5	9.7



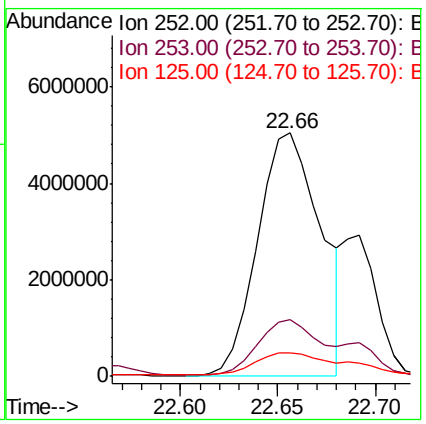


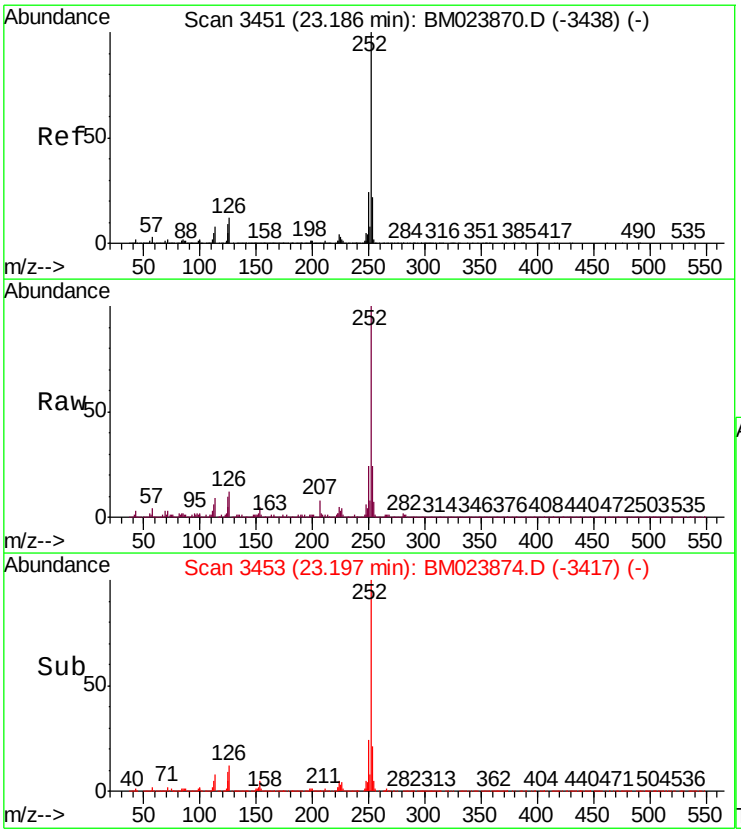
#89
Benzo(k)fluoranthene
Concen: 76.390 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. -0.02 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion:252 Resp:11283290

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	9.6	5.9	8.9#

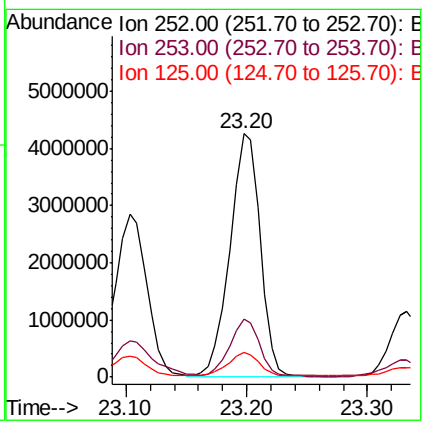


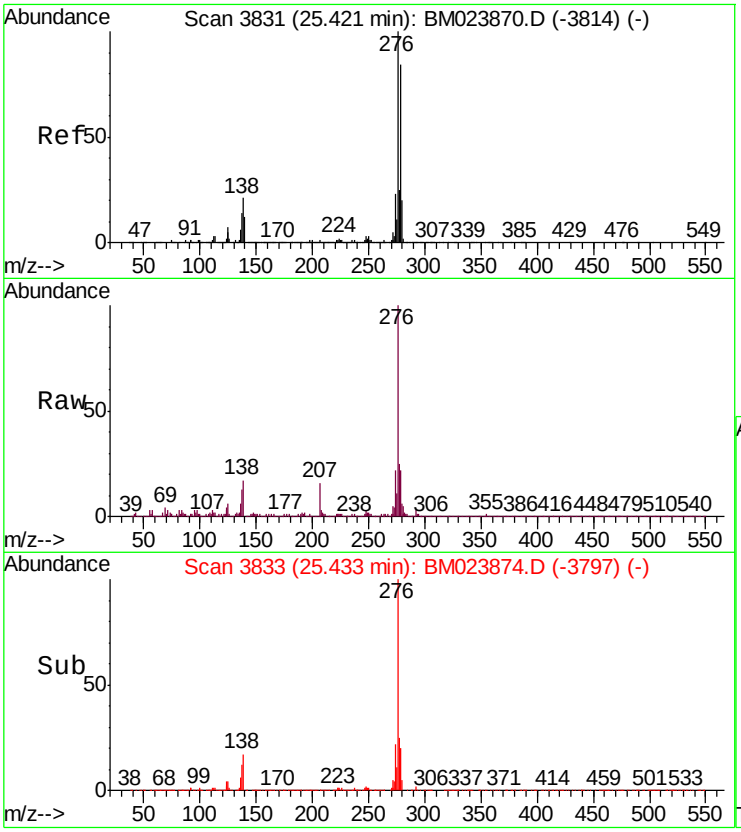


#91
Benzo(a)pyrene
Concen: 52.606 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:252 Resp: 7383437

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	10.2	6.9	10.3



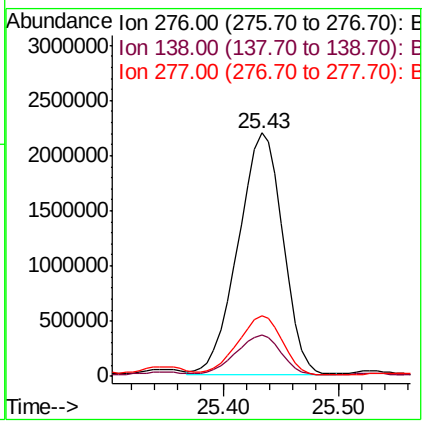


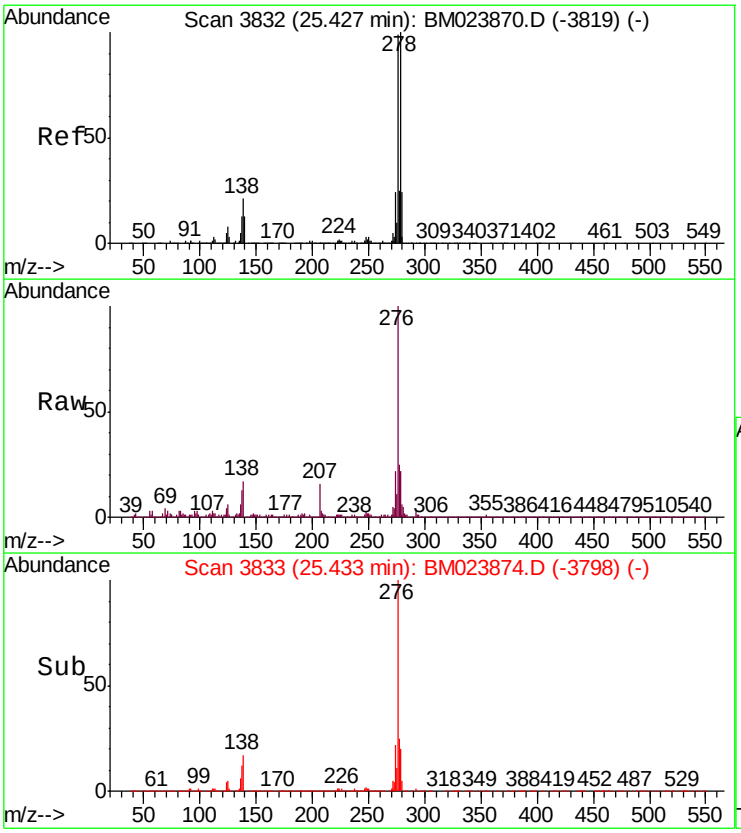
#92
Indeno(1,2,3-cd)pyrene
Concen: 39.365 ng/ul
RT: 25.43 min Scan# 3833
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion:276 Resp: 5907922

Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.0	22.4
277	24.8	20.0	30.0

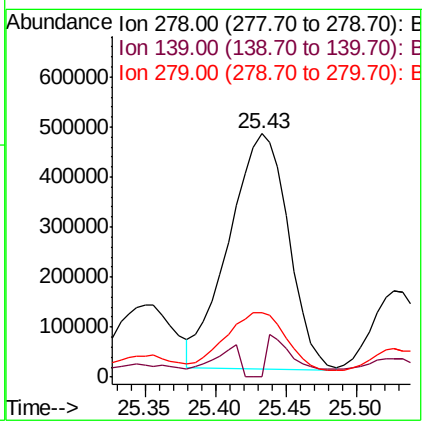


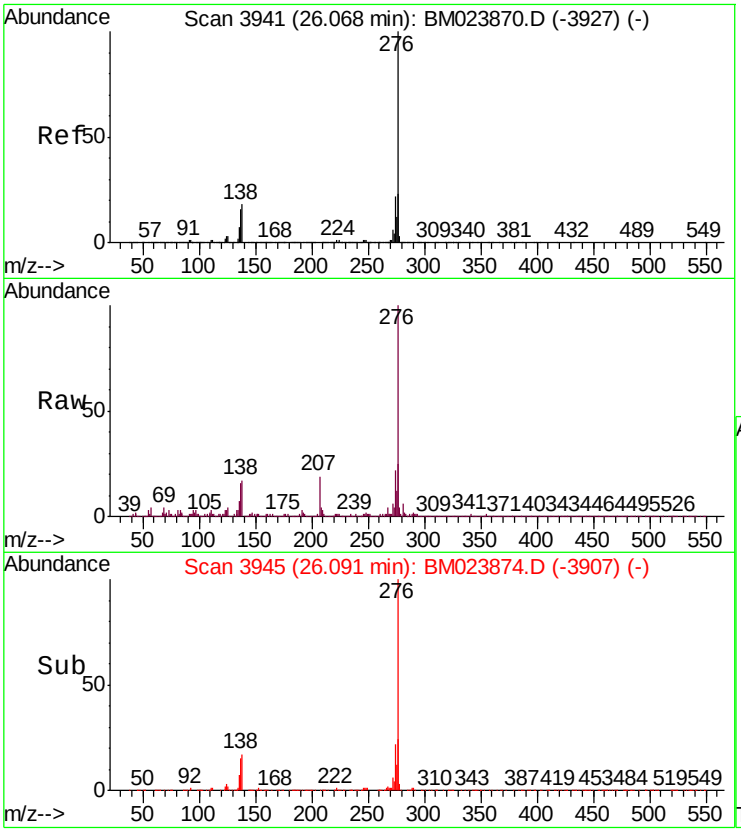


#93
Dibenzo(a,h)anthracene
Concen: 10.964 ng/ul
RT: 25.43 min Scan# 3833
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:278 Resp: 1388722

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.0	15.0#
279	26.4	19.0	28.6





#94
Benzo(g,h,i)perylene
Concen: 45.241 ng/ul
RT: 26.09 min Scan# 3945
Delta R.T. 0.02 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion:276 Resp: 5502009

Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.2	19.8
277	24.7	18.6	28.0