Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

Quantitation Report (Not Reviewed)

Data File : BM023330.D
Acq On : 22 Oct 2019 21:56
Operator : JU
Sample : K5354-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB88

Quant Time: Oct 23 01:43:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	412125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1664216	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1056417	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2218540	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2293751	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2808122	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	37725	4.03	ng/uL	0.00
5) Phenol-d5	6.82	99	728245	20.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	411636	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	604939	22.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	557029	19.32	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	293780	26.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	329581	30.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	634246	23.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	303026	9.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1940392	23.97	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2307254	24.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	255731	19.51	ng/ul	0.00
58) Fluorene-d10	15.29	176	1721875	24.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	206774	23.51	ng/ul	0.00
71) Anthracene-d10	17.14	188	2755782	25.76	ng/ul	0.00
79) Pyrene-d10	19.43	212	3038131	27.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3690809	25.93	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	76907	2.078	ng/ul	98
45) Dimethylphthalate	13.76	163	757122	9.344	ng/ul	99
48) Acenaphthylene	14.01	152	245690	2.531	ng/ul	96
59) Fluorene	15.34	166	82968	1.054	ng/ul	99
70) Phenanthrene	17.08	178	1386332	11.135	ng/ul	99
72) Anthracene	17.17	178	418228	3.251	ng/ul	99
77) Fluoranthene	19.10	202	2659157	17.958	ng/ul	99
80) Pyrene	19.46	202	2805623	19.525	ng/ul	98
83) Benzo(a)anthracene	21.22	228	1738553	11.186	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.17	149	136916	1.723	ng/ul#	97
85) Chrysene	21.27	228	1635596	11.334	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	2447525	14.375	ng/ul	97
89) Benzo(k)fluoranthene	22.79	252	2447525	14.971	ng/ul	97
91) Benzo(a)pyrene	23.34	252	1783588	10.919	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.65	276	1327060	6.829	ng/ul	97
93) Dibenzo(a,h)anthracene	25.66	278	364037	2.241	ng/ul#	91
94) Benzo(g,h,i)perylene	26.33	276	1307392	8.172	ng/ul	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

Quantitation Report (Not Reviewed)

Data File : BM023330.D
Acq On : 22 Oct 2019 21:56
Operator : JU
Sample : K5354-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB88

Quant Time: Oct 23 01:43:06 2019
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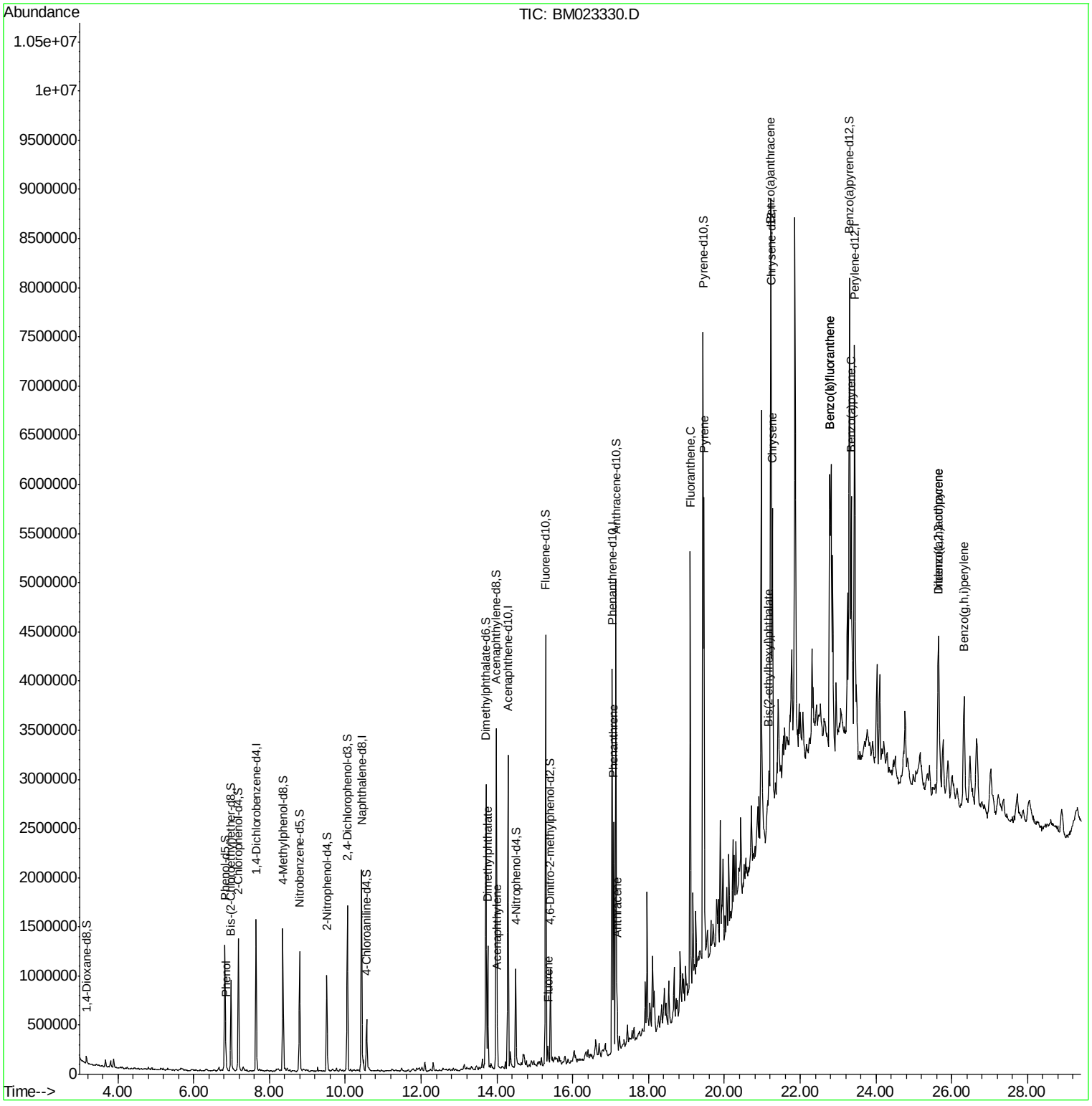
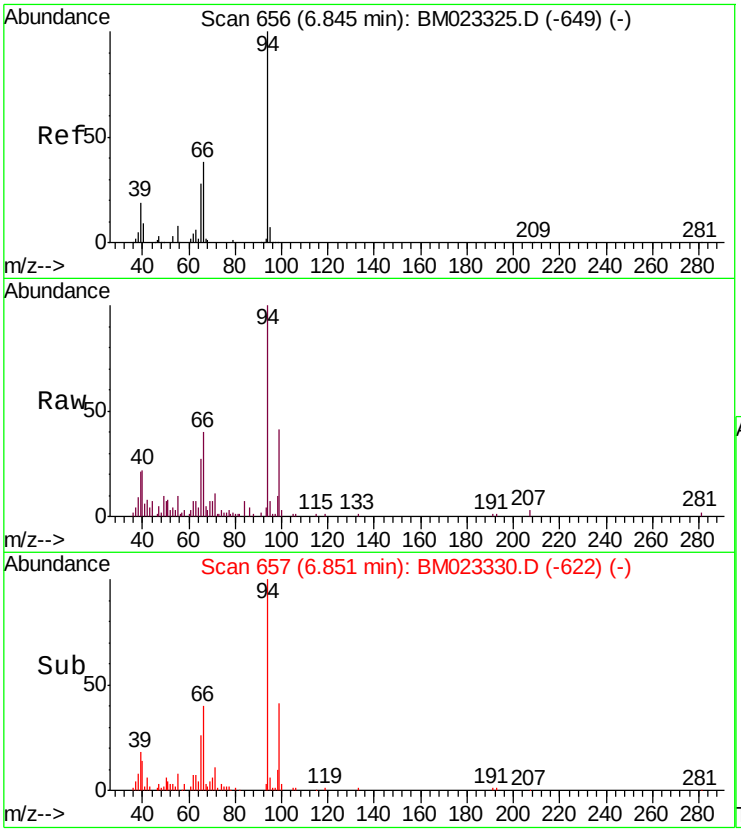
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration



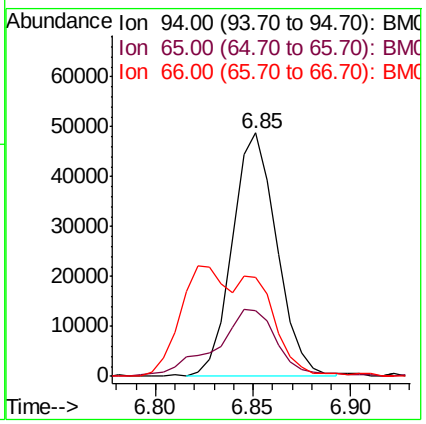


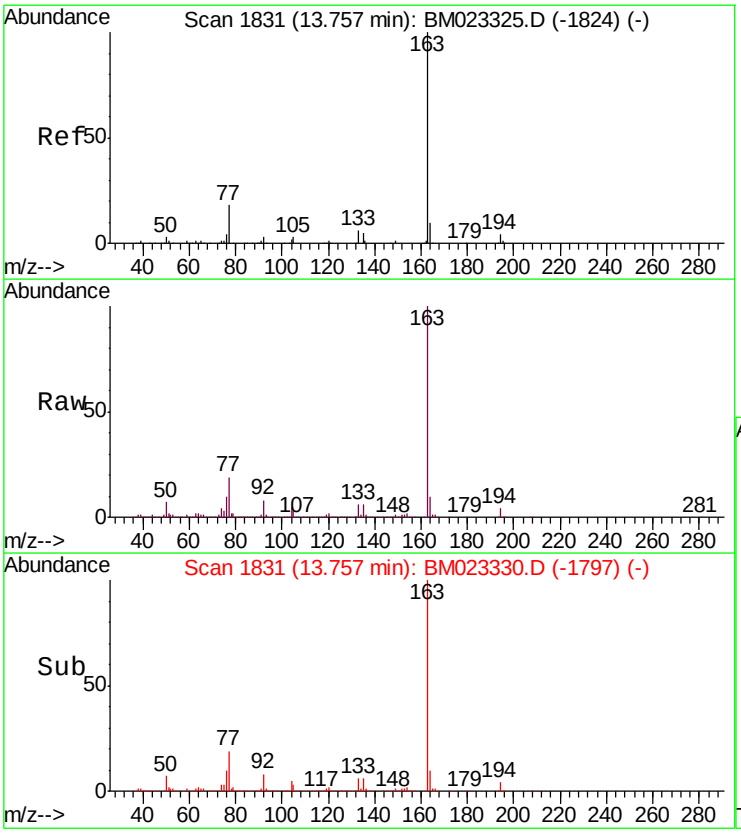
#6
Phenol
Concen: 2.078 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. 0.01 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Instrument :
BNA_M
ClientSampleId :
BFB88

Tgt Ion: 94 Resp: 76907

Ion	Ratio	Lower	Upper
94	100		
65	27.0	23.2	34.8
66	40.4	32.9	49.3

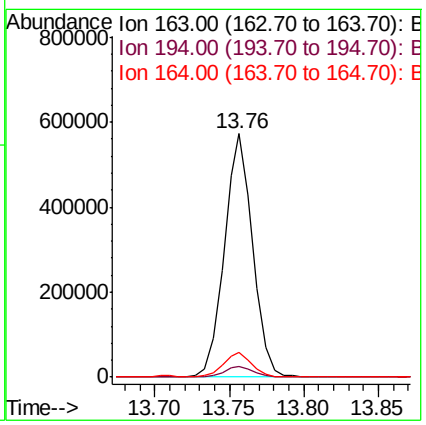


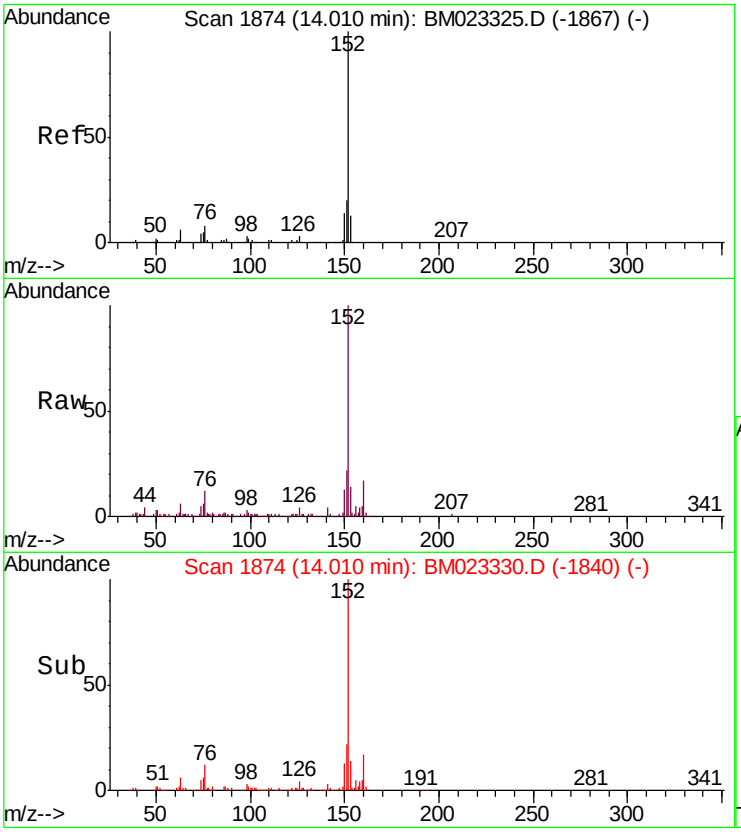


#45
Dimethylphthalate
Concen: 9.344 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Tgt Ion:163 Resp: 757122

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.0	7.8	11.6



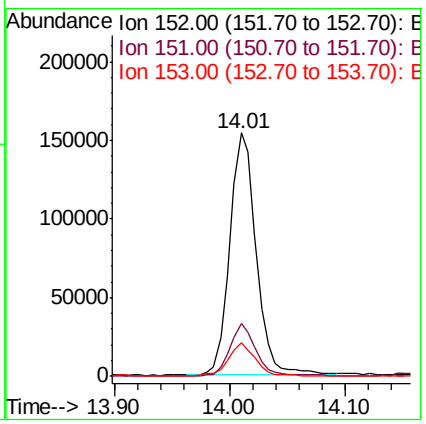


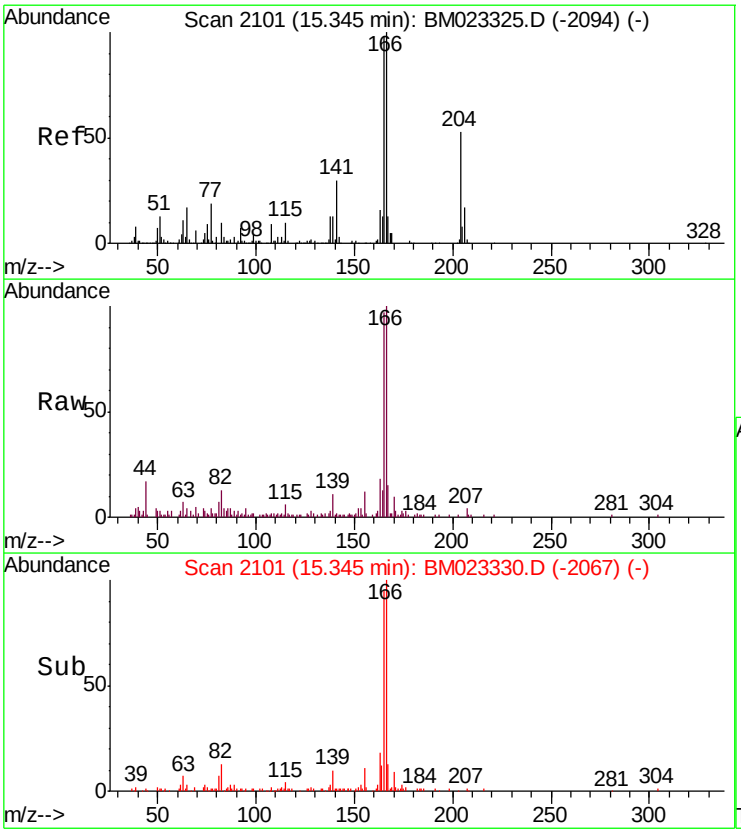
#48
Acenaphthylene
Concen: 2.531 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Instrument :
BNA_M
ClientSampleId :
BFB88

Tgt Ion:152 Resp: 245690

Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.9	23.9
153	14.1	10.3	15.5

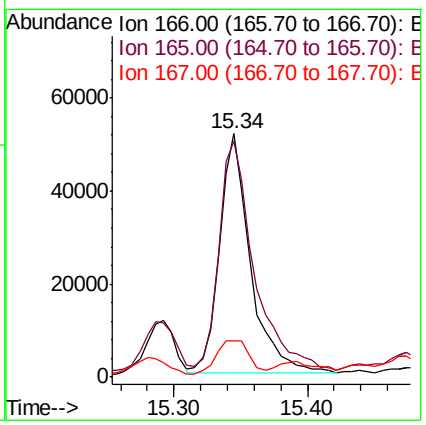


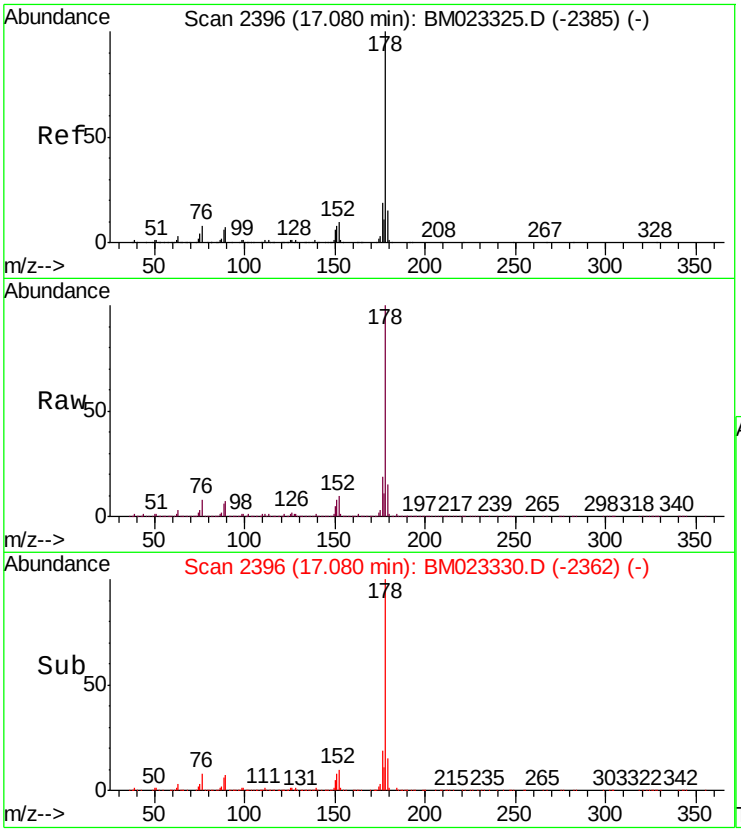


#59
Fluorene
Concen: 1.054 ng/ul
RT: 15.34 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Tgt Ion:166 Resp: 82968

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.3	117.5
167	15.1	10.7	16.1



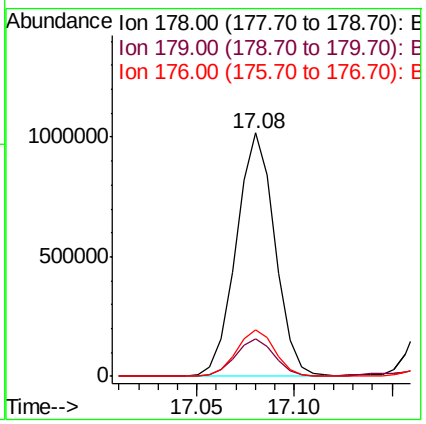


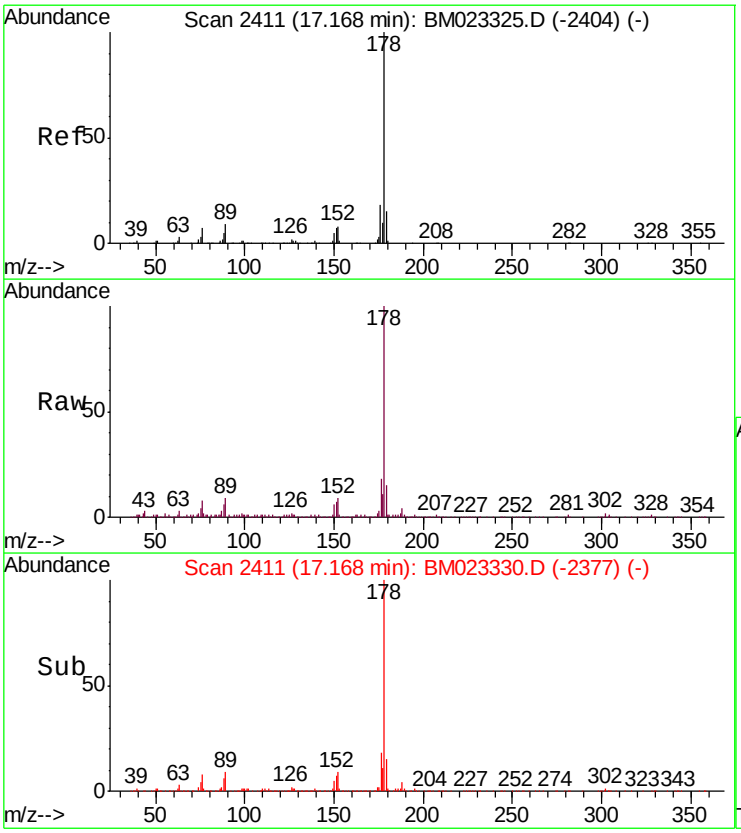
#70
Phenanthrene
Concen: 11.135 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Instrument :
BNA_M
ClientSampleId :
BFB88

Tgt Ion:178 Resp: 1386332

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	18.9	15.0	22.4

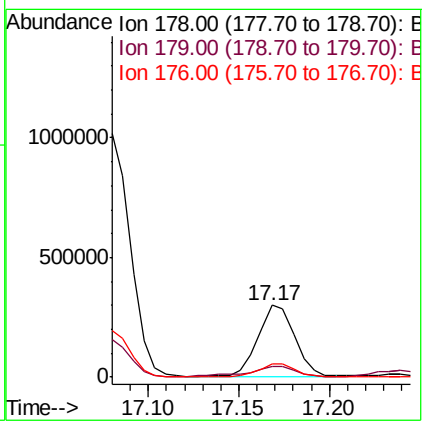


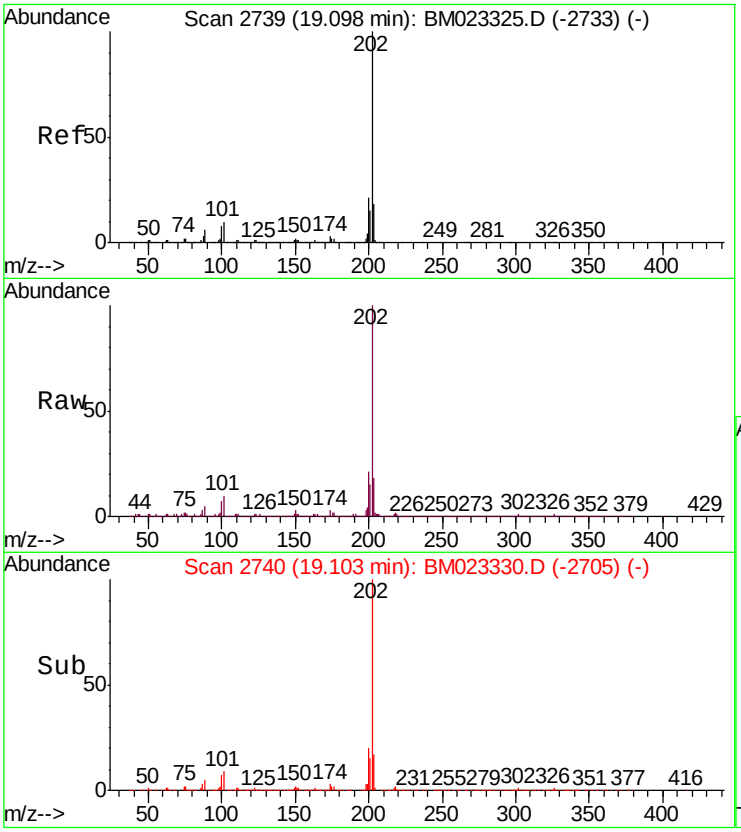


#72
Anthracene
Concen: 3.251 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Tgt Ion:178 Resp: 418228

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.5	18.7
176	18.2	14.8	22.2



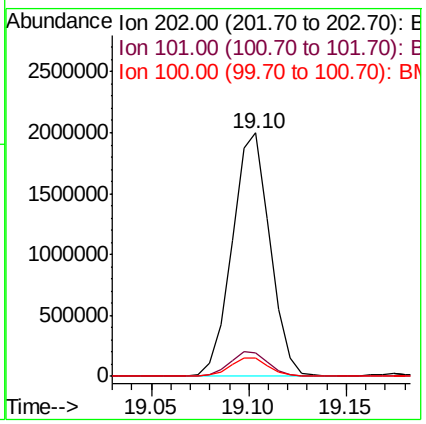


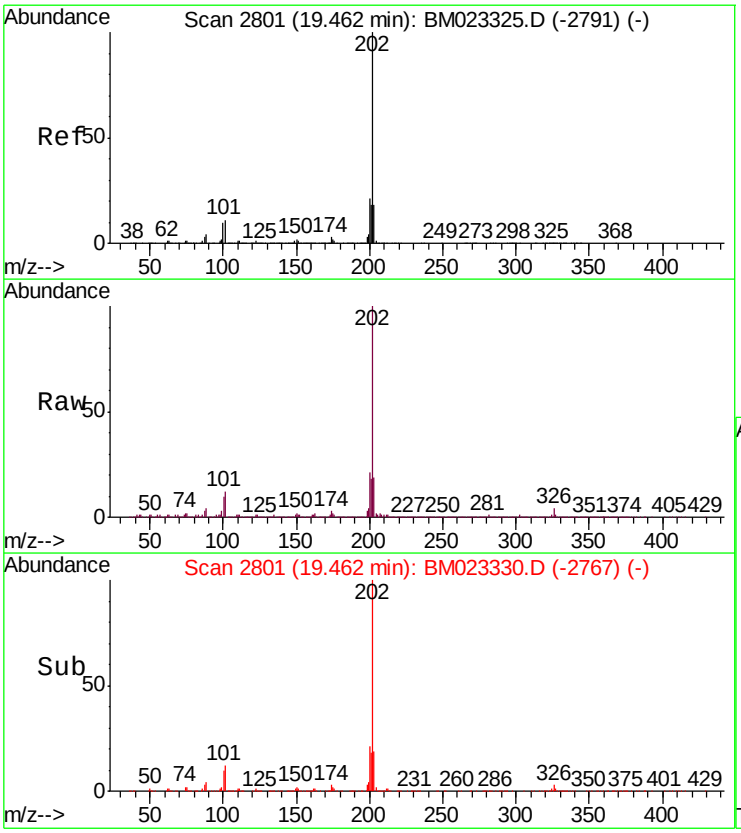
#77
Fluoranthene
Concen: 17.958 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.01 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Instrument :
BNA_M
ClientSampleId :
BFB88

Tgt Ion:202 Resp: 2659157

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.2	12.4
100	7.4	6.1	9.1

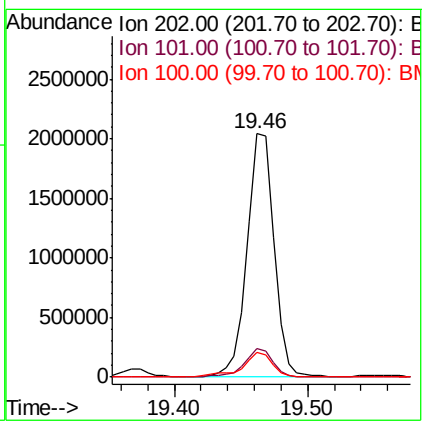


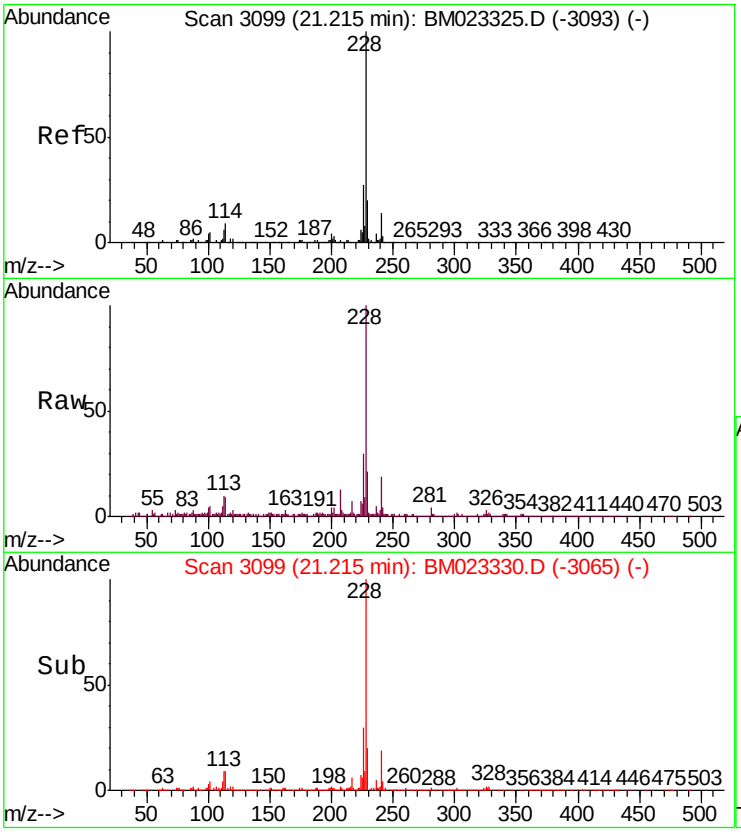


#80
Pyrene
Concen: 19.525 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Tgt Ion:202 Resp: 2805623

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.0	13.6
100	10.2	7.5	11.3



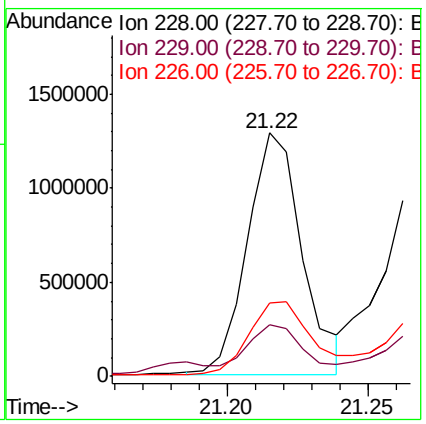


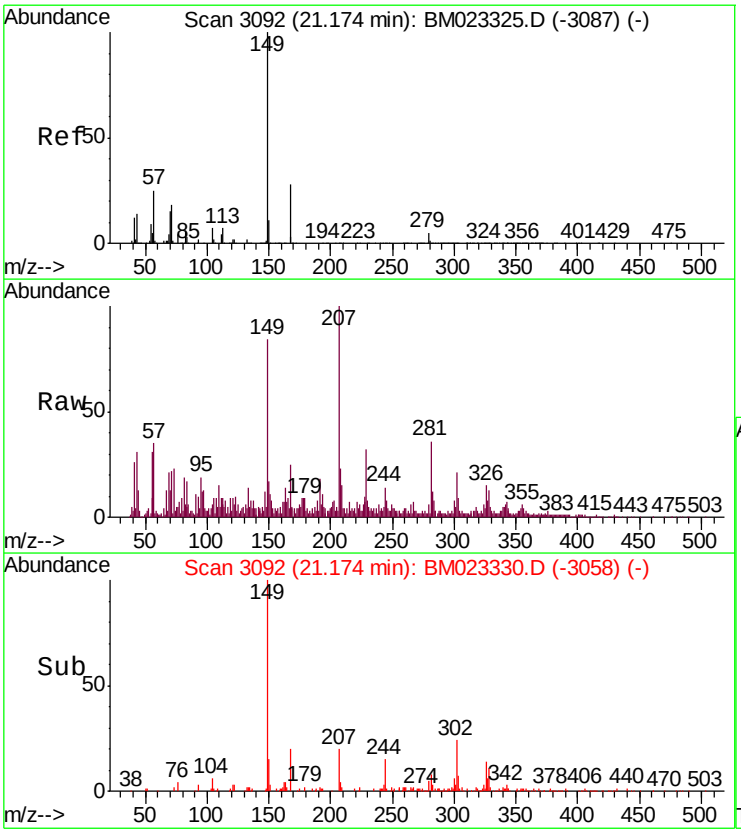
#83
Benzo(a)anthracene
Concen: 11.186 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Instrument :
BNA_M
ClientSampleId :
BFB88

Tgt Ion:228 Resp: 1738553

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	30.4	21.5	32.3

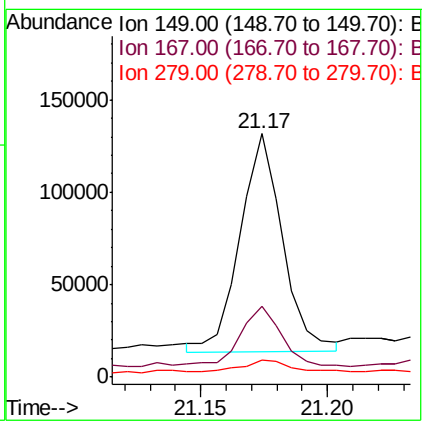


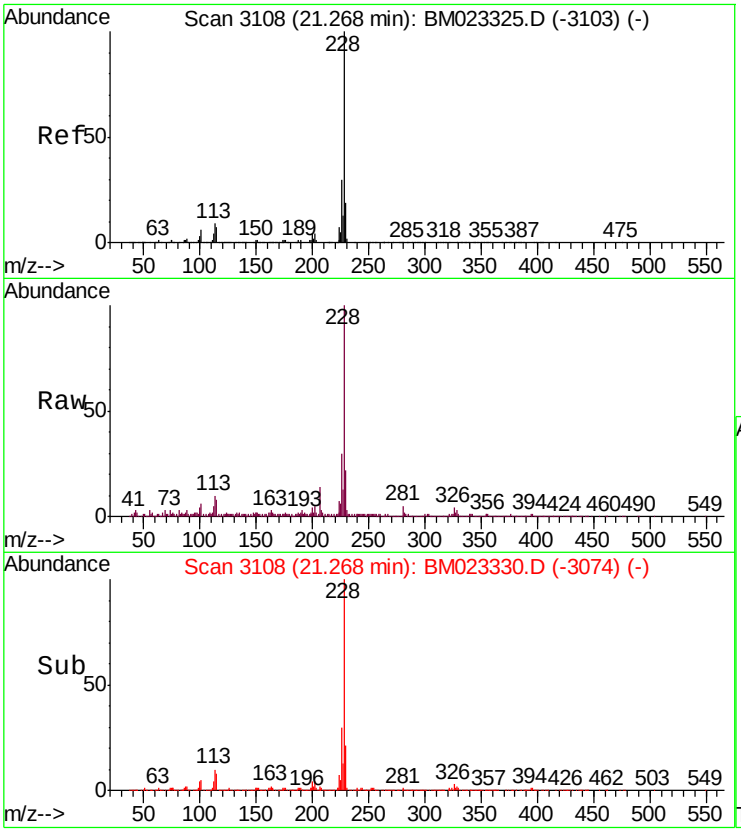


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.723 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Tgt Ion:149 Resp: 136916

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.1	33.1
279	7.2	4.3	6.5#



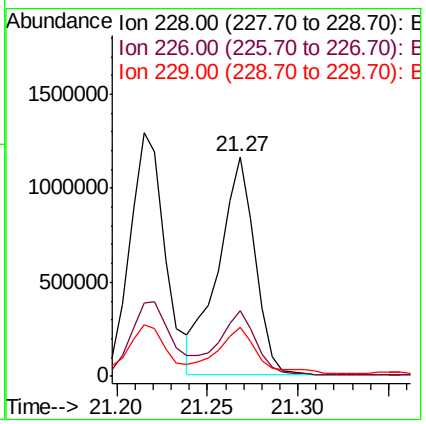


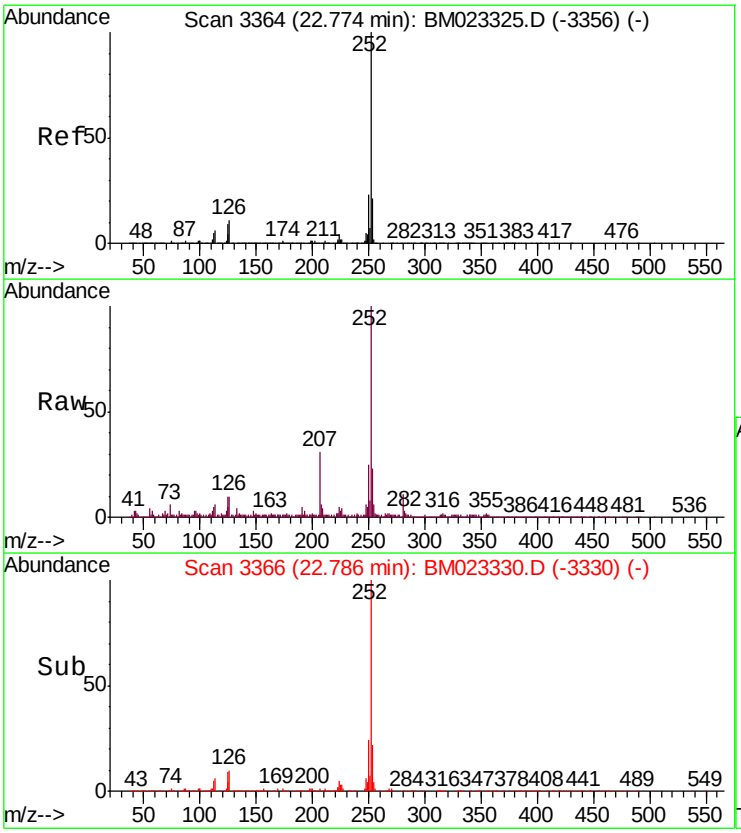
#85
Chrysene
Concen: 11.334 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Instrument :
BNA_M
ClientSampleId :
BFB88

Tgt Ion:228 Resp: 1635596

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.2	15.5	23.3

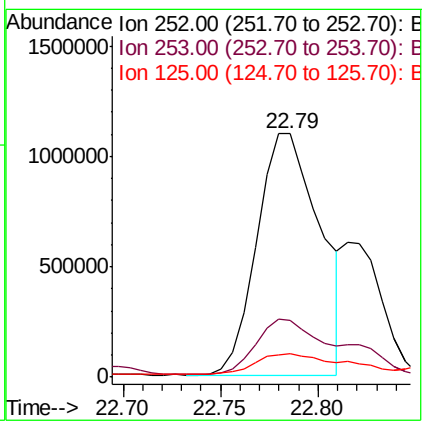


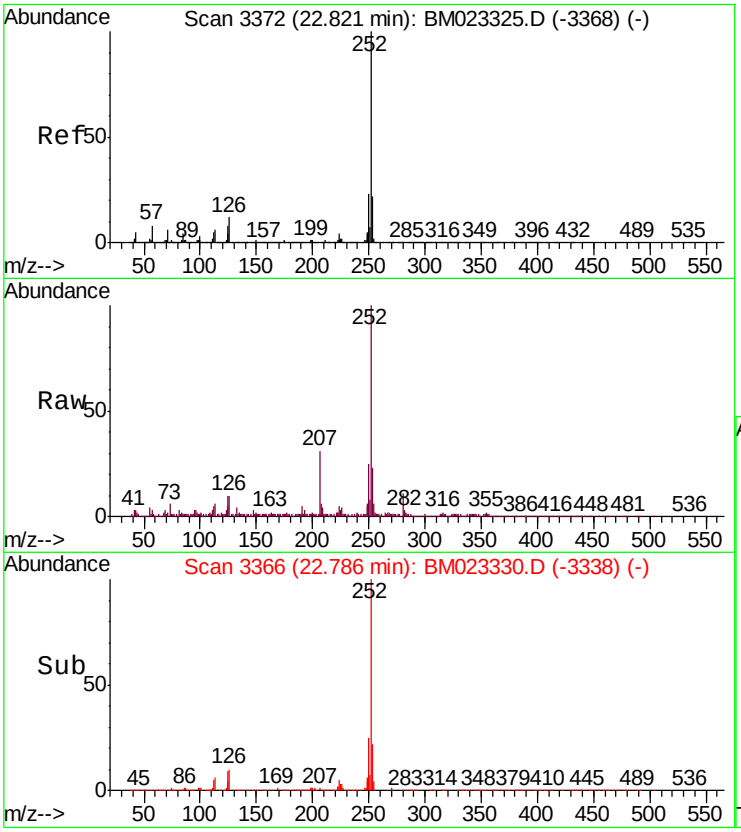


#88
Benzo(b)fluoranthene
Concen: 14.375 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Tgt Ion:252 Resp: 2447525

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	9.7	7.0	10.4



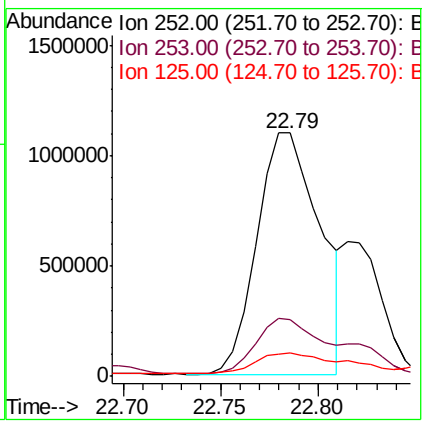


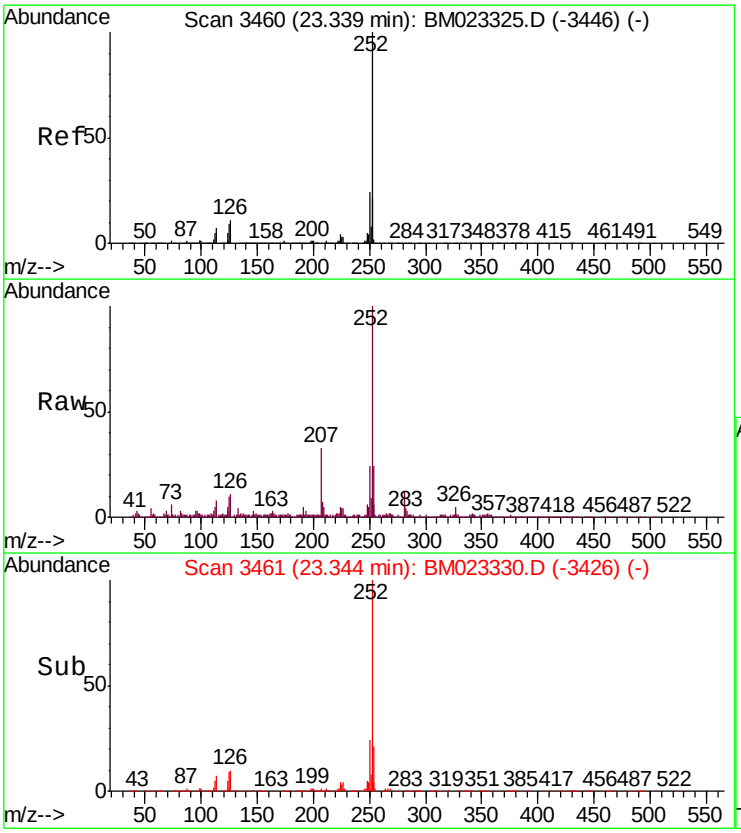
#89
Benzo(k)fluoranthene
Concen: 14.971 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. -0.04 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Instrument :
BNA_M
ClientSampleId :
BFB88

Tgt Ion:252 Resp: 2447525

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.7	6.6	9.8

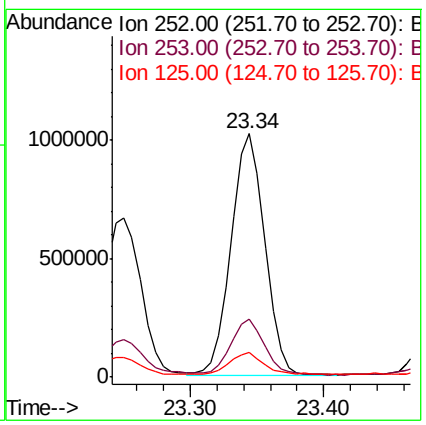


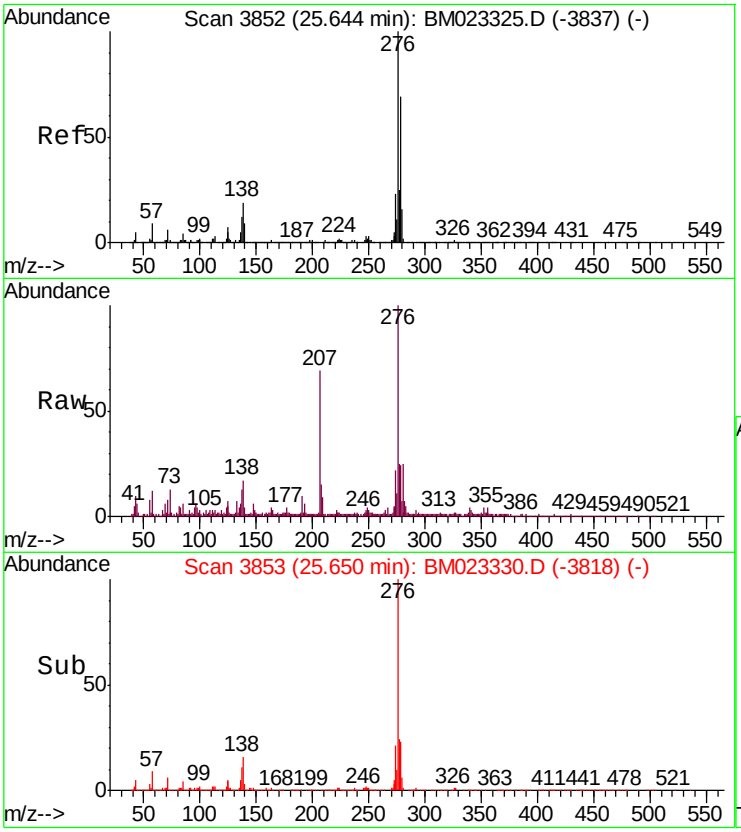


#91
Benzo(a)pyrene
Concen: 10.919 ng/ul
RT: 23.34 min Scan# 3461
Delta R.T. 0.01 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Tgt Ion:252 Resp: 1783588

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	10.0	7.1	10.7



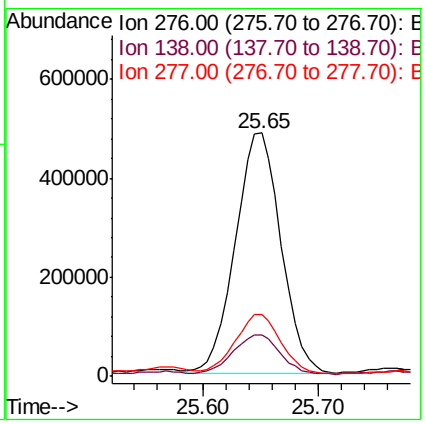


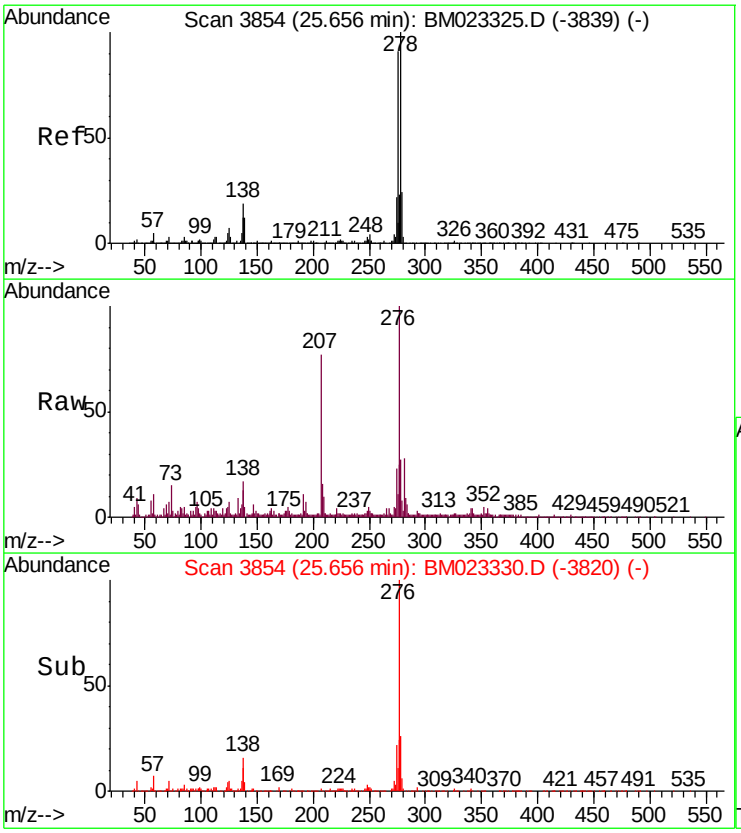
#92
Indeno(1,2,3-cd)pyrene
Concen: 6.829 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. 0.01 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Instrument :
BNA_M
ClientSampleId :
BFB88

Tgt Ion:276 Resp: 1327060

Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.8	23.6
277	25.2	19.8	29.8

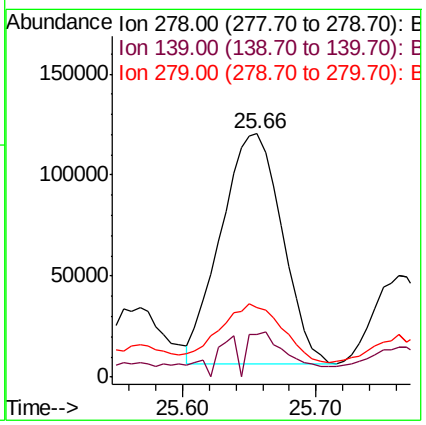


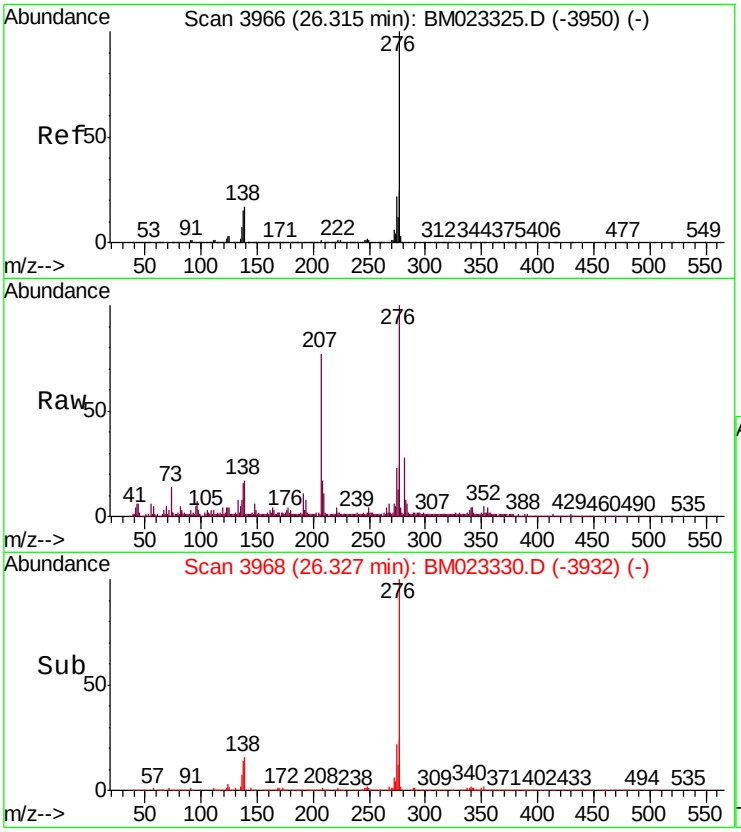


#93
Dibenzo(a,h)anthracene
Concen: 2.241 ng/ul
RT: 25.66 min Scan# 3854
Delta R.T. -0.00 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Tgt Ion:278 Resp: 364037

Ion	Ratio	Lower	Upper
278	100		
139	17.5	10.5	15.7#
279	28.5	19.7	29.5





#94
Benzo(g,h,i)perylene
Concen: 8.172 ng/ul
RT: 26.33 min Scan# 3968
Delta R.T. 0.01 min
Lab File: BM023330.D
Acq: 22 Oct 2019 21:56

Instrument :
BNA_M
ClientSampleId :
BFB88

Tgt Ion:276 Resp: 1307392

Ion	Ratio	Lower	Upper
276	100		
138	17.2	13.9	20.9
277	24.5	18.7	28.1