Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023386.D
Acq On : 24 Oct 2019 19:17
Operator : JU
Sample : K5346-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 24 22:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	686857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2679744	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1416437	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2268490	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2001590	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2545387	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	69528	4.81	ng/uL	0.00
5) Phenol-d5	6.82	99	1430583	24.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	974540	28.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	1283322	28.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	1151281	24.57	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	660927	32.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	723011	32.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1209088	27.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	516697	10.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	3616278	33.62	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	4135961	33.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	288736	15.50	ng/ul	0.00
58) Fluorene-d10	15.29	176	2780730	30.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	161320	11.42	ng/ul	0.00
71) Anthracene-d10	17.13	188	3551171	33.12	ng/ul	0.00
79) Pyrene-d10	19.43	212	3376395	30.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	4172308	32.18	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	2150557	36.203	ng/ul	95
10) 2-Chlorophenol	7.21	128	1574673	33.329	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	1193890	28.870	ng/ul	97
33) 4-Chloro-3-methylphenol	11.72	107	1475726	30.848	ng/ul	99
45) Dimethylphthalate	13.75	163	2328373	21.560	ng/ul	100
50) Acenaphthene	14.35	153	3238546	36.044	ng/ul	99
53) 4-Nitrophenol	14.51	109	387849	26.143	ng/ul	97
55) 2,4-Dinitrotoluene	14.66	165	952698	30.718	ng/ul	98
69) Pentachlorophenol	16.69	266	427541	21.716	ng/ul	99
70) Phenanthrene	17.07	178	169803	1.339	ng/ul	97
72) Anthracene	17.07	178	170135	1.325	ng/ul	97
76) Di-n-butylphthalate	18.02	149	147087	1.082	ng/ul#	96
77) Fluoranthene	19.10	202	580521	4.390	ng/ul	99
80) Pyrene	19.46	202	5518483	39.044	ng/ul	97
81) Butylbenzylphthalate	20.37	149	804614	13.904	ng/ul	96
83) Benzo(a)anthracene	21.21	228	322472	2.409	ng/ul#	88
85) Chrysene	21.26	228	459015	3.716	ng/ul#	90
88) Benzo(b)fluoranthene	22.77	252	760753	4.654	ng/ul#	79
89) Benzo(k)fluoranthene	22.77	252	760753	4.956	ng/ul#	79
91) Benzo(a)pyrene	23.34	252	399582	2.700	ng/ul#	74
92) Indeno(1,2,3-cd)pyrene	25.65	276	347809	2.170	ng/ul#	83
94) Benzo(g,h,i)perylene	26.33	276	401585	3.080	ng/ul#	81

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
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Sample : K5346-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 24 22:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

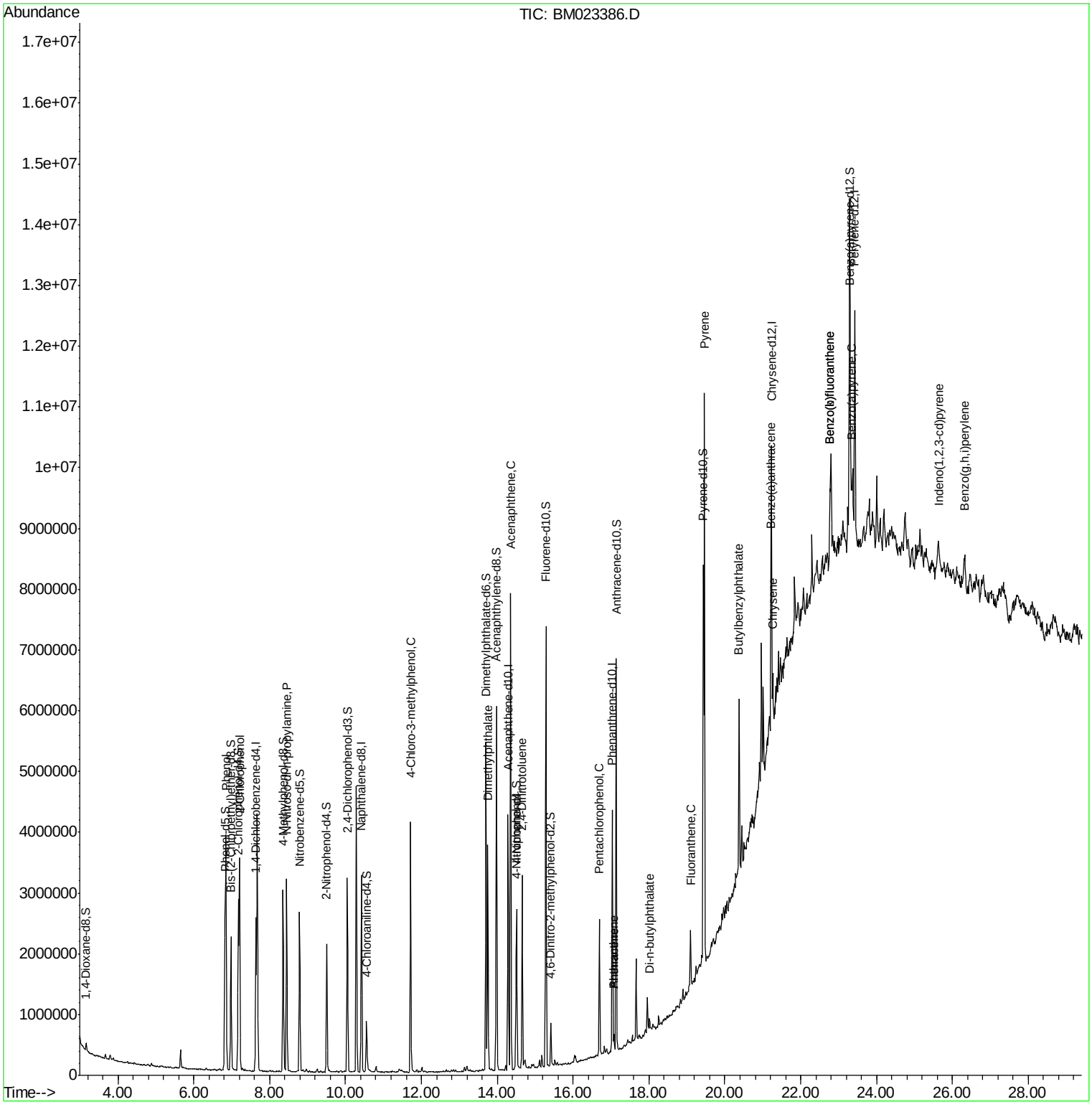
(#) = qualifier out of range (m) = manual integration (+) = signals summed

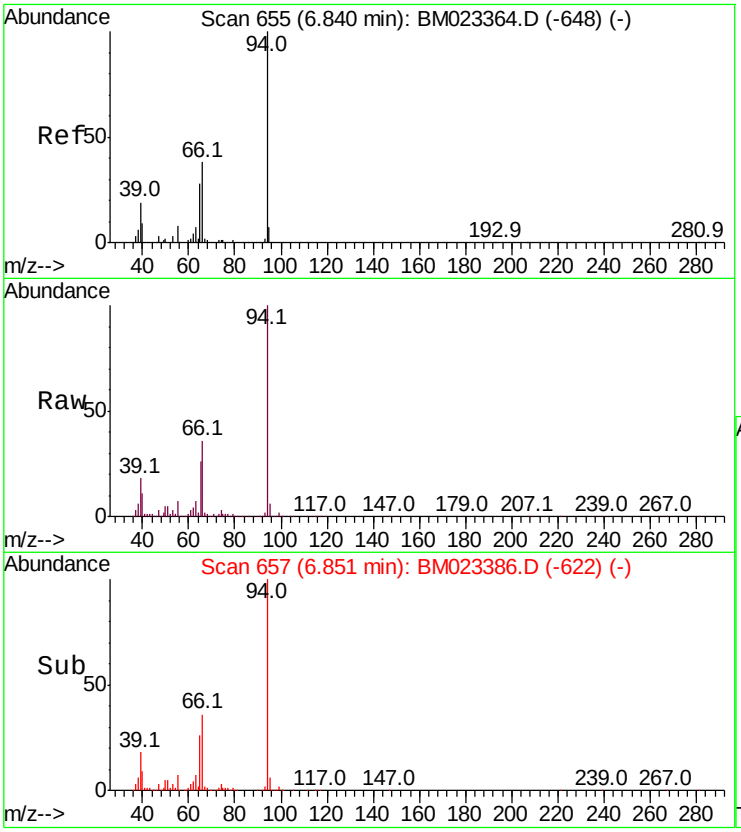
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023386.D
Acq On : 24 Oct 2019 19:17
Operator : JU
Sample : K5346-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 24 22:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration



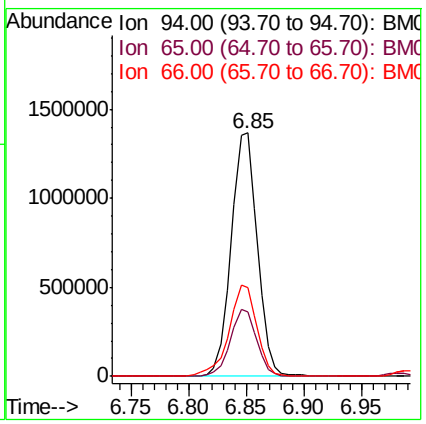


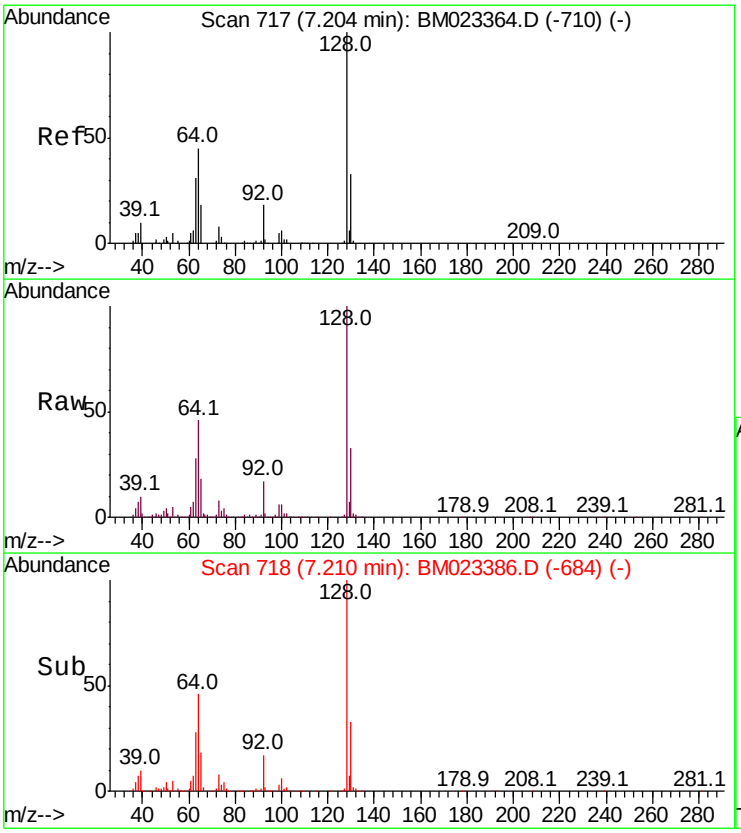
#6
Phenol
Concen: 36.203 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. 0.01 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 2150557

Ion	Ratio	Lower	Upper
94	100		
65	26.4	22.9	34.3
66	36.3	31.4	47.2

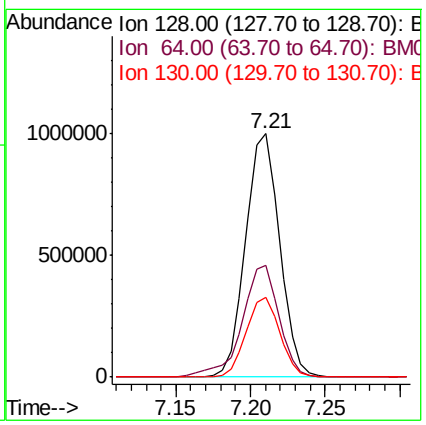


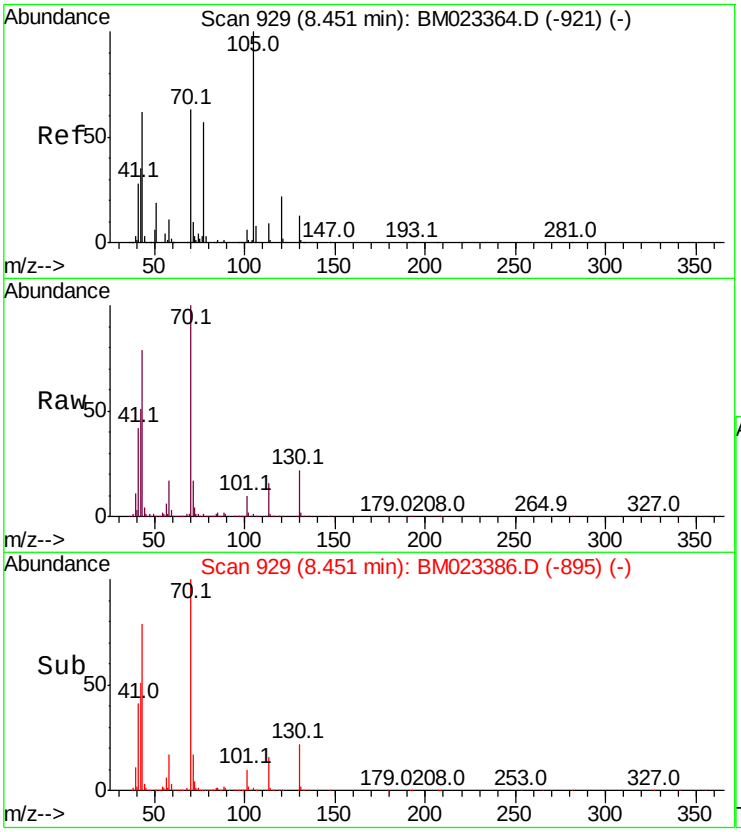


#10
2-Chlorophenol
Concen: 33.329 ng/ul
RT: 7.21 min Scan# 718
Delta R.T. -0.00 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:128 Resp: 1574673

Ion	Ratio	Lower	Upper
128	100		
64	45.9	37.3	55.9
130	32.7	26.0	39.0



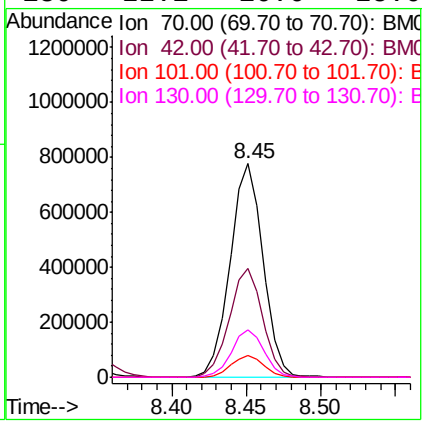


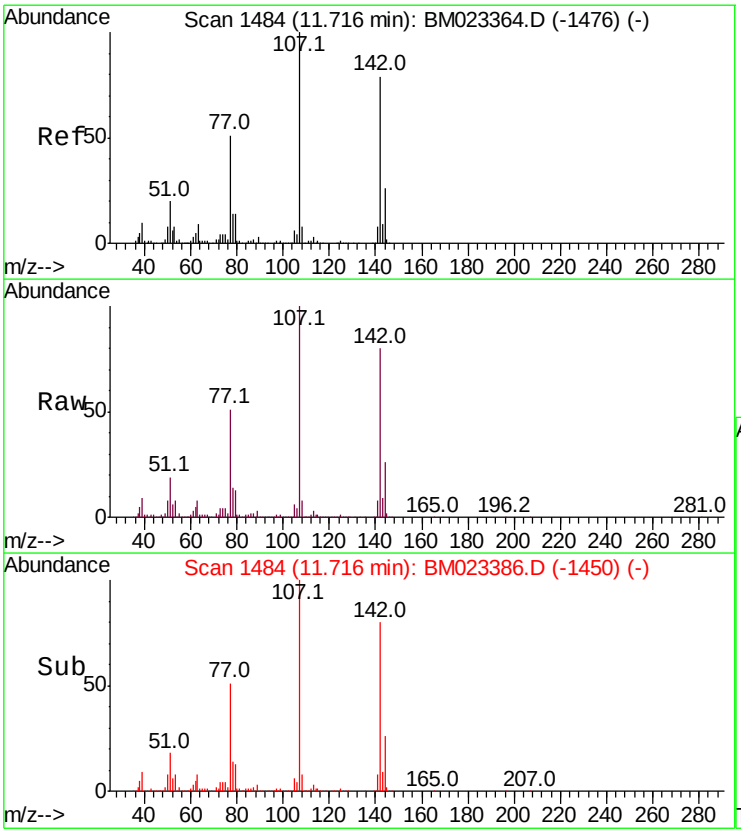
#15
N-Nitroso-di-n-propylamine
Concen: 28.870 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. -0.00 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 1193890

Ion	Ratio	Lower	Upper
70	100		
42	50.8	42.8	64.2
101	10.0	7.8	11.8
130	22.1	16.6	25.0

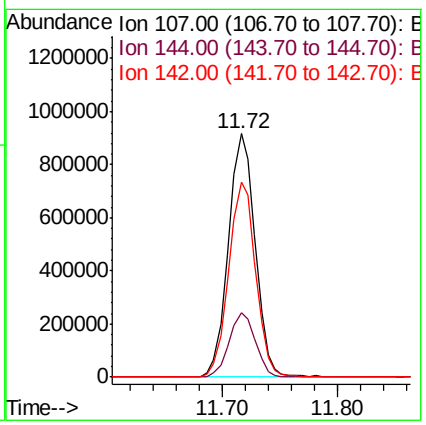


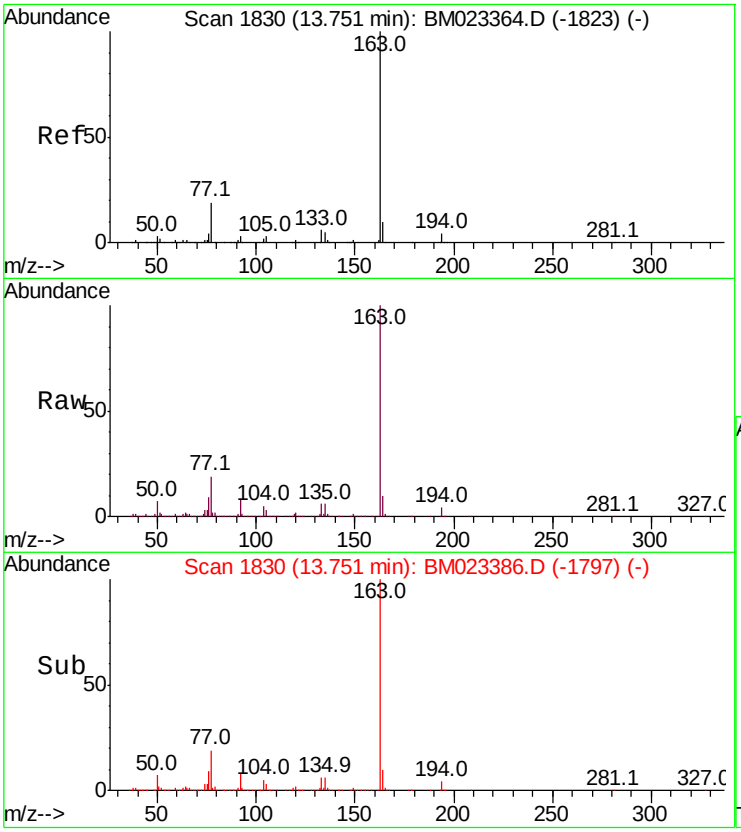


#33
4-Chloro-3-methylphenol
Concen: 30.848 ng/ul
RT: 11.72 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:107 Resp: 1475726

Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.7	31.1
142	80.2	63.1	94.7



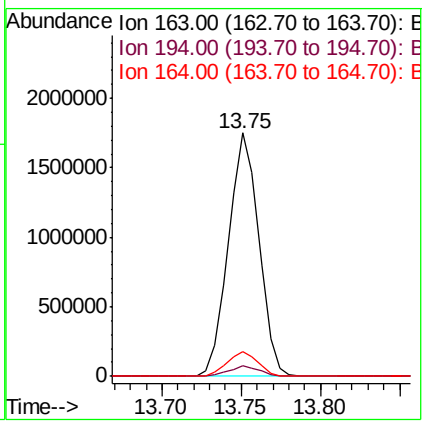


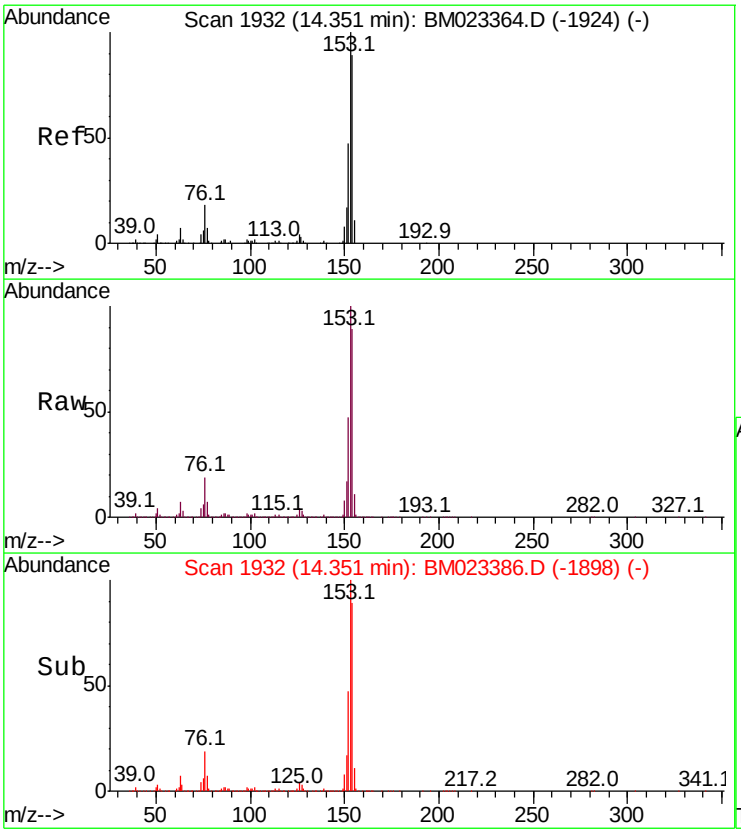
#45
Dimethylphthalate
Concen: 21.560 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 2328373

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.0	7.9	11.9

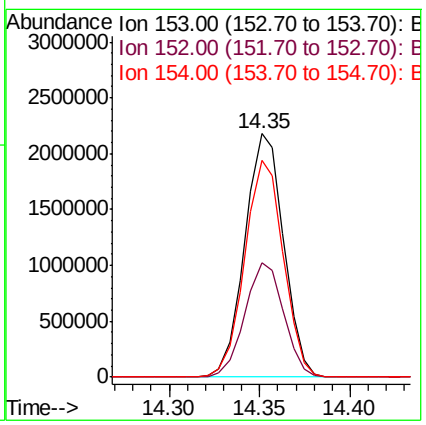


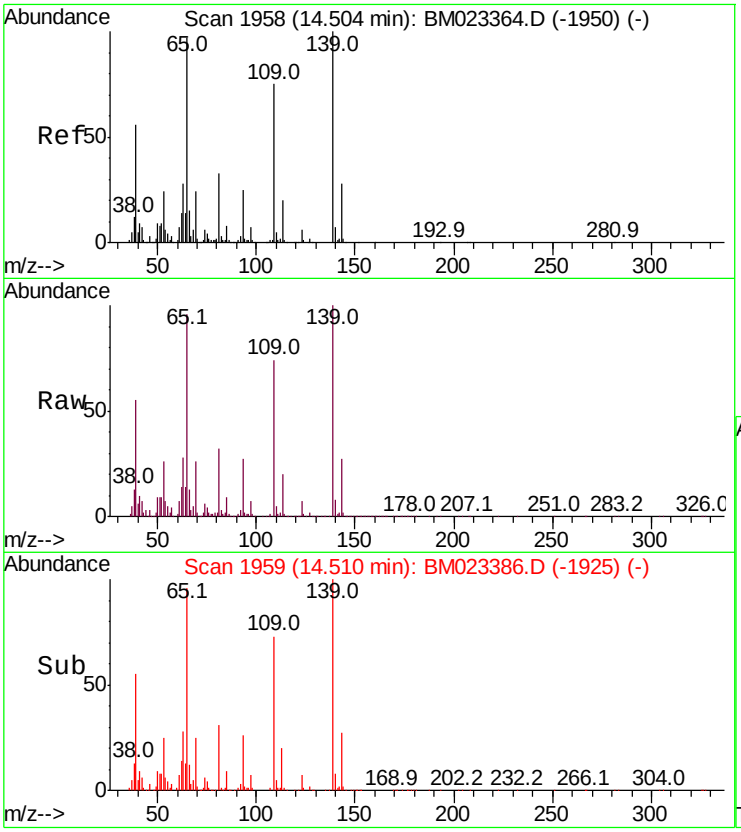


#50
Acenaphthene
Concen: 36.044 ng/ul
RT: 14.35 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:153 Resp: 3238546

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.9	56.9
154	89.0	70.6	106.0



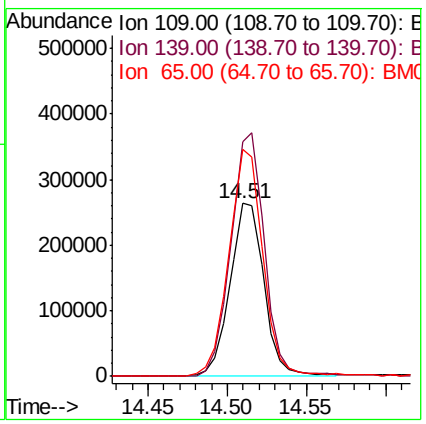


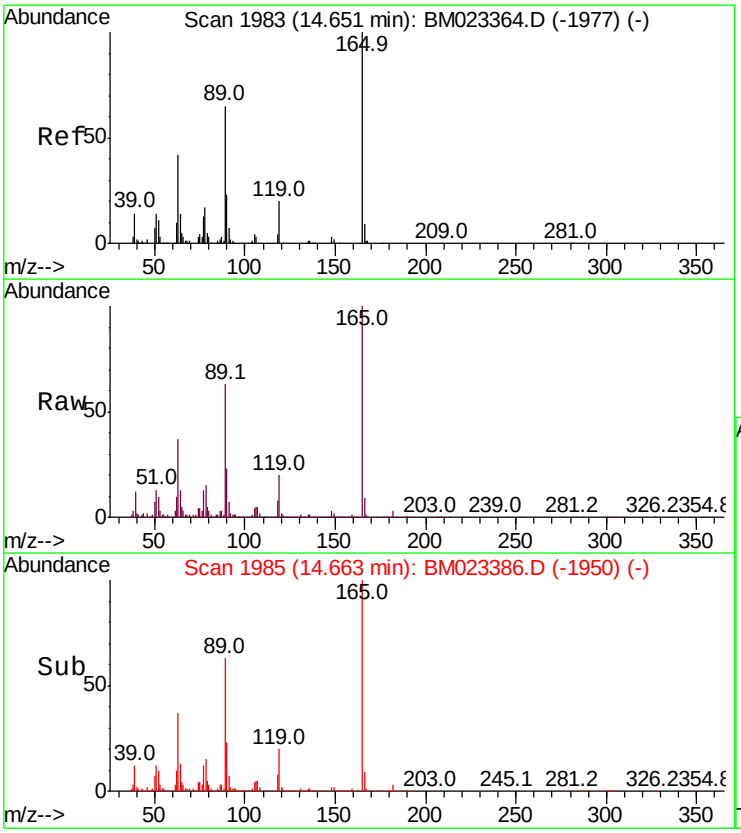
#53
4-Nitrophenol
Concen: 26.143 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 387849

Ion	Ratio	Lower	Upper
109	100		
139	135.9	107.1	160.7
65	131.0	100.0	150.0

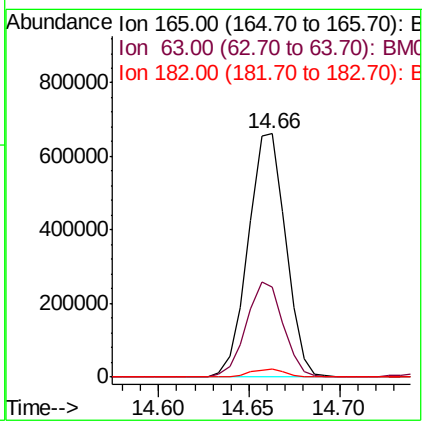


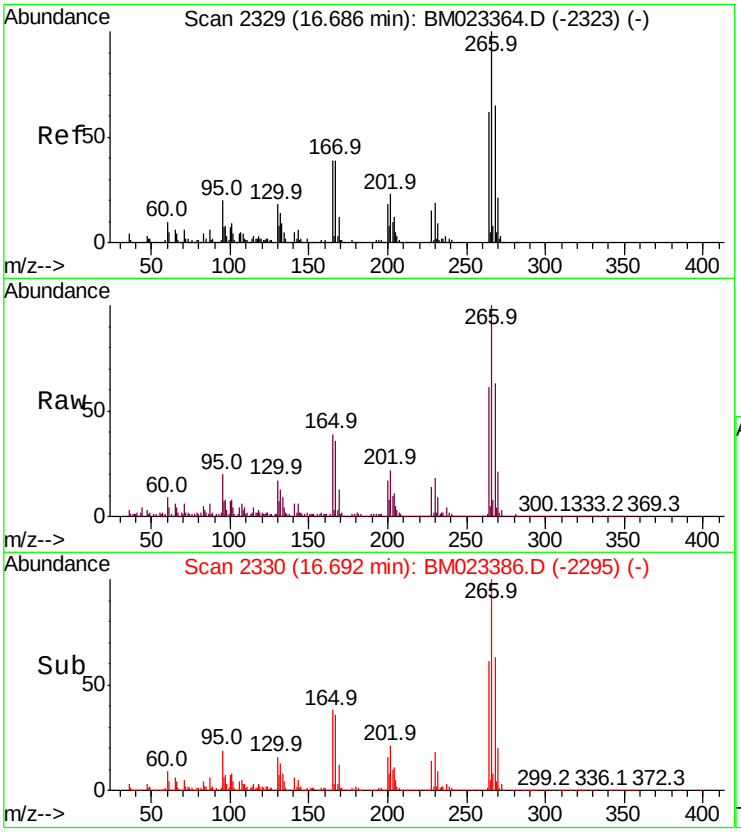


#55
2,4-Dinitrotoluene
Concen: 30.718 ng/ul
RT: 14.66 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:165 Resp: 952698

Ion	Ratio	Lower	Upper
165	100		
63	37.2	30.9	46.3
182	3.1	2.5	3.7



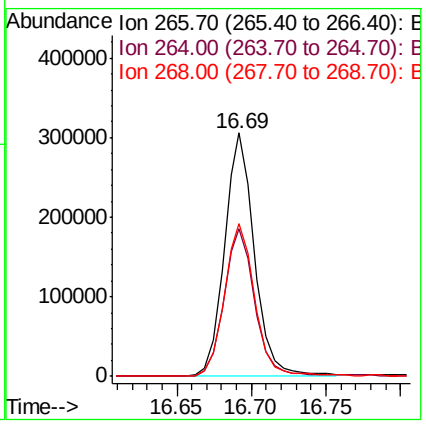


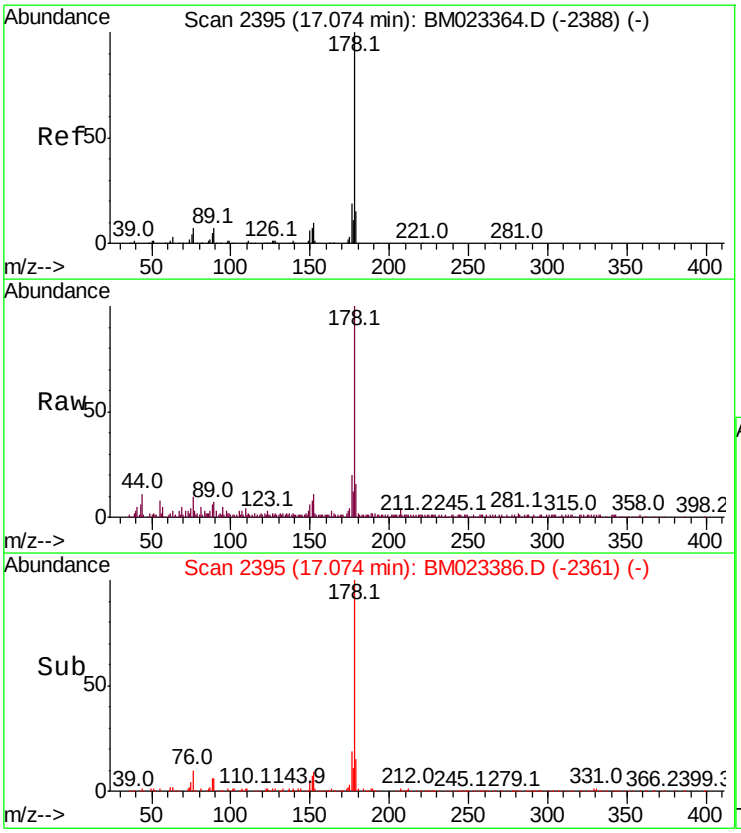
#69
Pentachlorophenol
Concen: 21.716 ng/ul
RT: 16.69 min Scan# 2330
Delta R.T. 0.01 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 427541

Ion	Ratio	Lower	Upper
266	100		
264	60.5	49.4	74.2
268	62.9	50.4	75.6

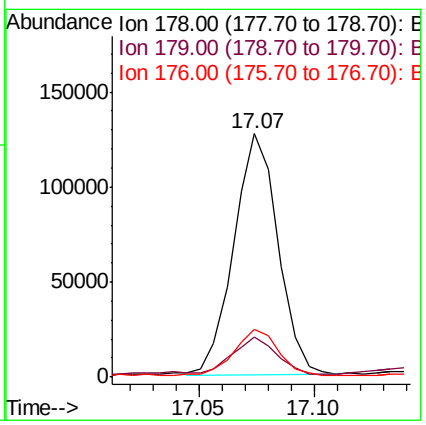


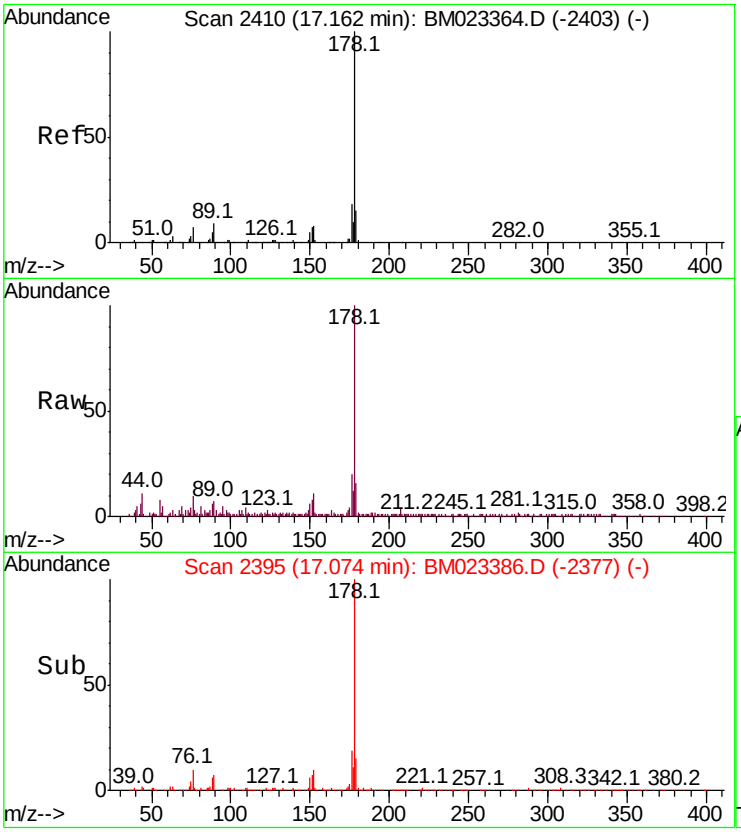


#70
Phenanthrene
Concen: 1.339 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:178 Resp: 169803

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.2
176	19.7	14.9	22.3



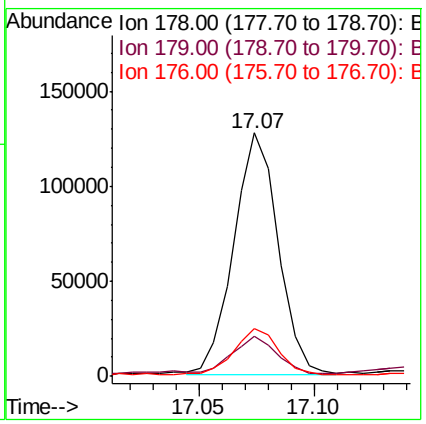


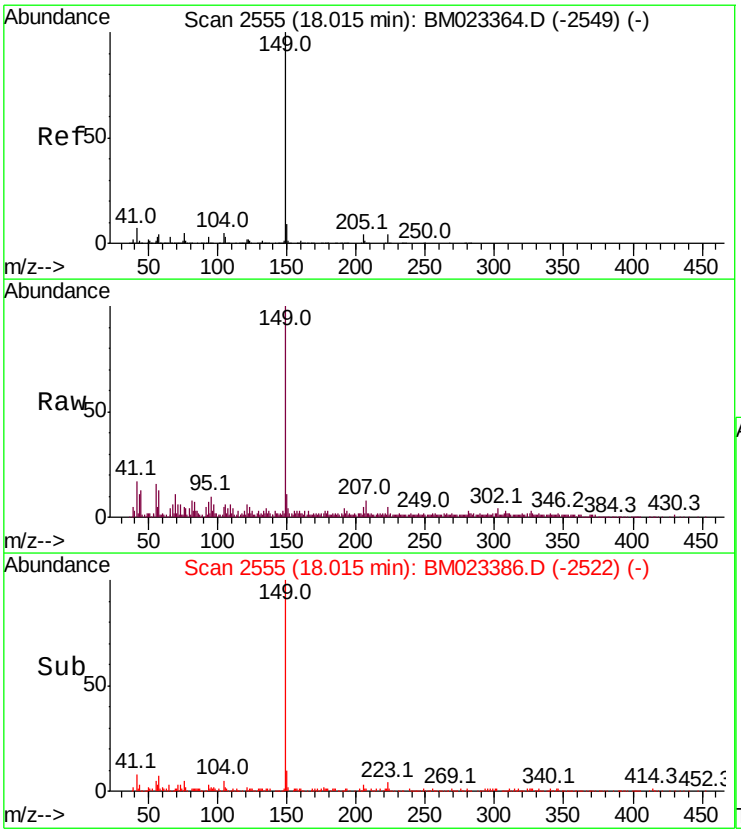
#72
Anthracene
Concen: 1.325 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.09 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 170135

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.1	18.1
176	19.7	14.4	21.6

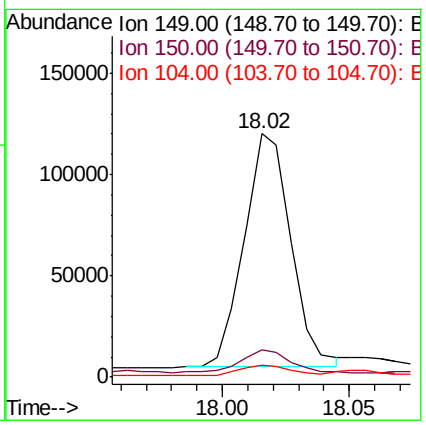


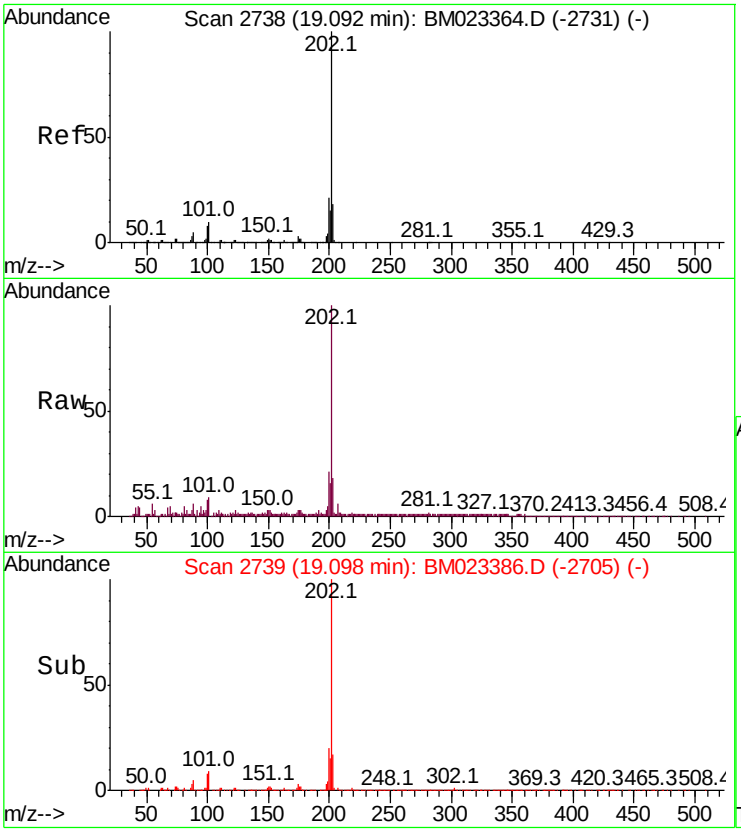


#76
Di-n-butylphthalate
Concen: 1.082 ng/ul
RT: 18.02 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:149 Resp: 147087

Ion	Ratio	Lower	Upper
149	100		
150	11.1	7.2	10.8#
104	5.1	3.9	5.9



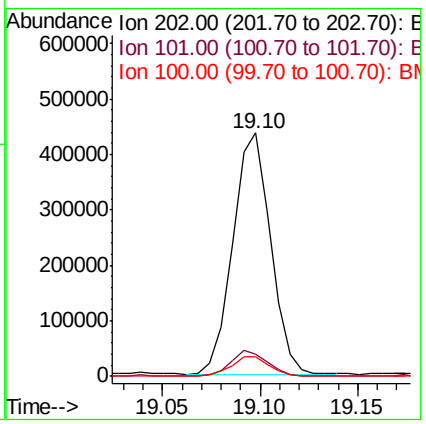


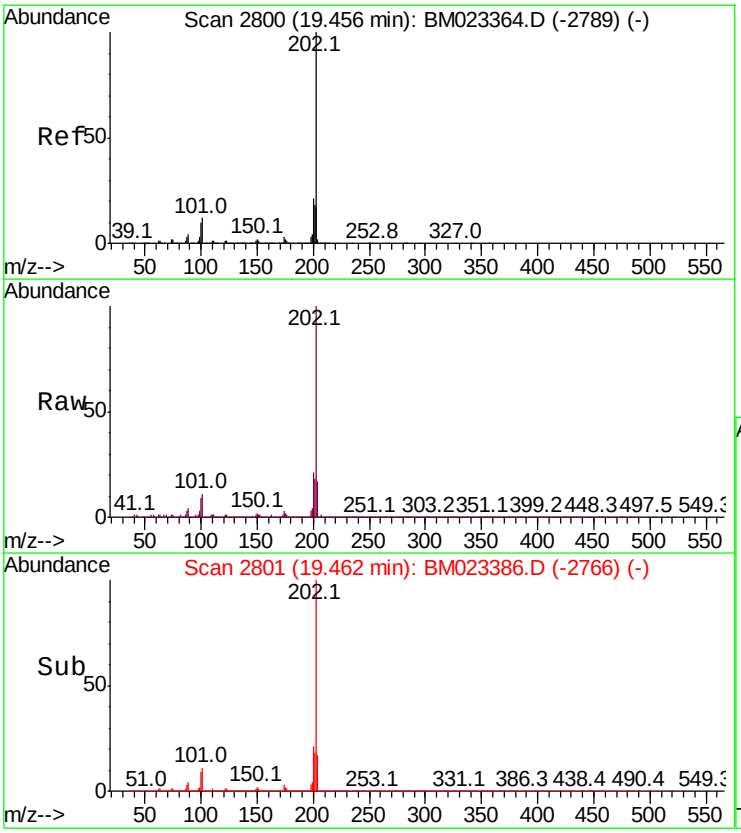
#77
Fluoranthene
Concen: 4.390 ng/ul
RT: 19.10 min Scan# 2739
Delta R.T. -0.00 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 580521

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.1	12.1
100	7.8	6.2	9.2

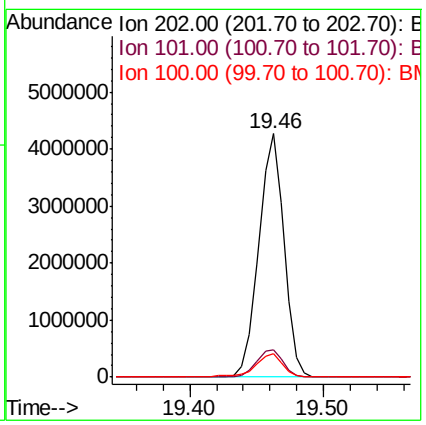


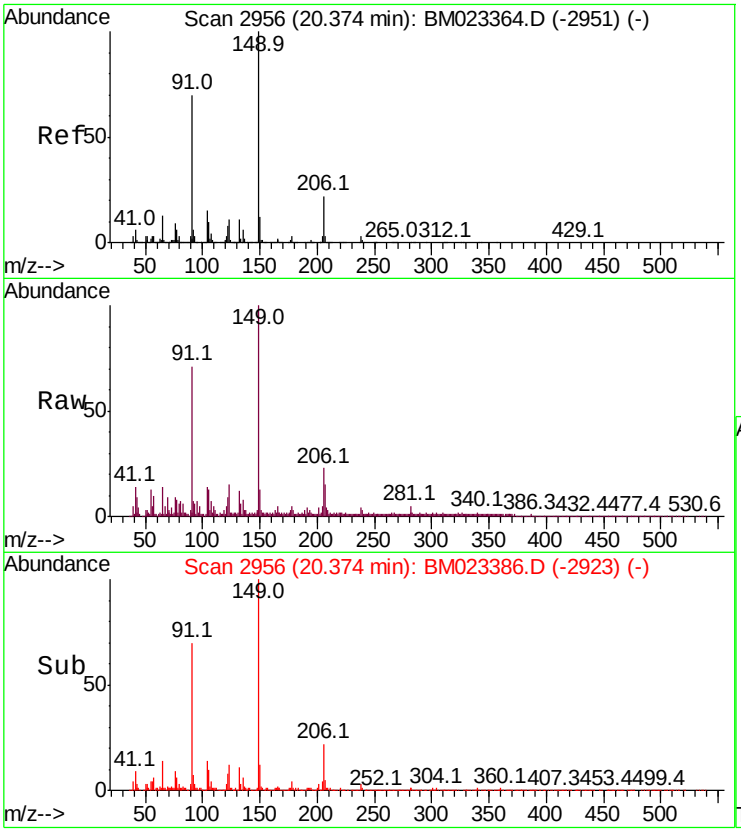


#80
Pyrene
Concen: 39.044 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. 0.01 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:202 Resp: 5518483

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.0	15.0
100	9.4	8.3	12.5



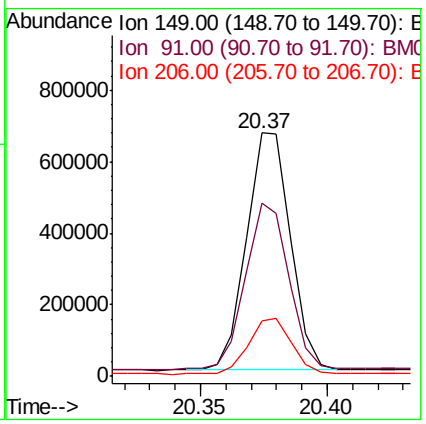


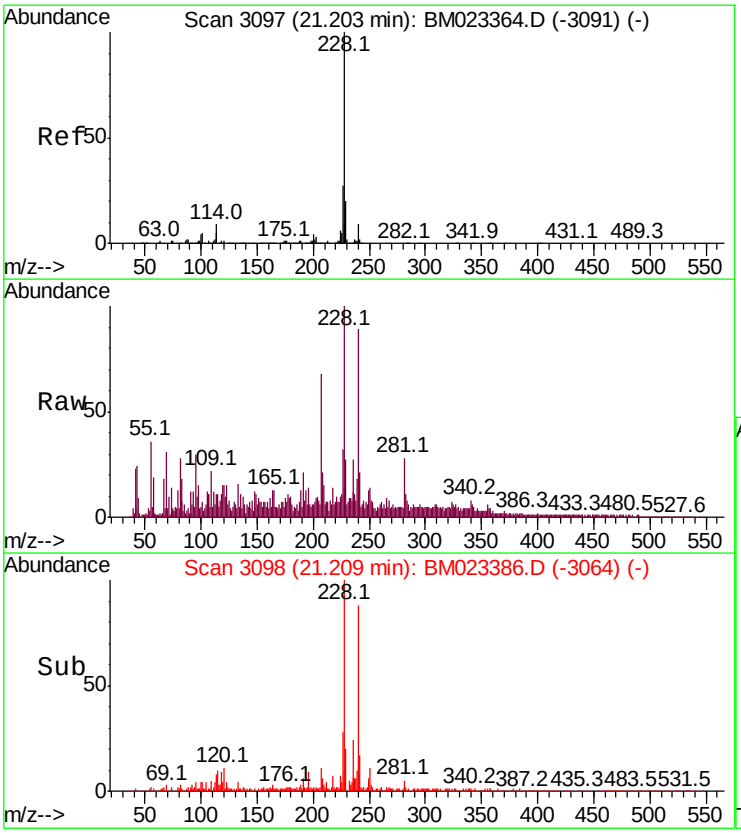
#81
Butylbenzylphthalate
Concen: 13.904 ng/ul
RT: 20.37 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 804614

Ion	Ratio	Lower	Upper
149	100		
91	71.1	54.2	81.2
206	22.7	17.7	26.5

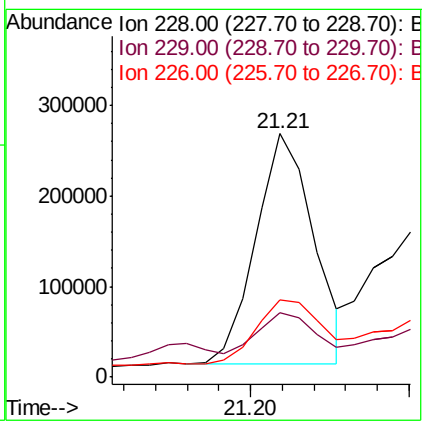


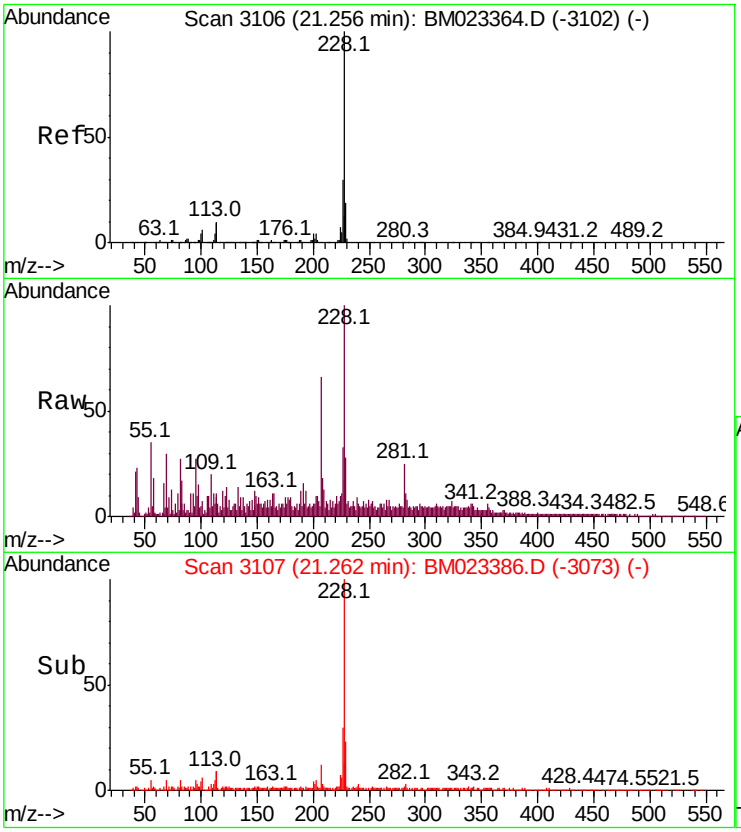


#83
Benzo(a)anthracene
Concen: 2.409 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:228 Resp: 322472

Ion	Ratio	Lower	Upper
228	100		
229	26.7	15.8	23.8#
226	31.8	21.6	32.4



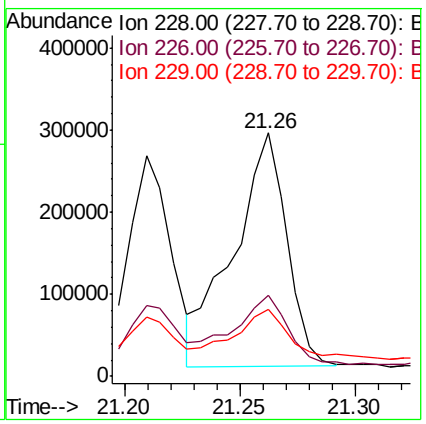


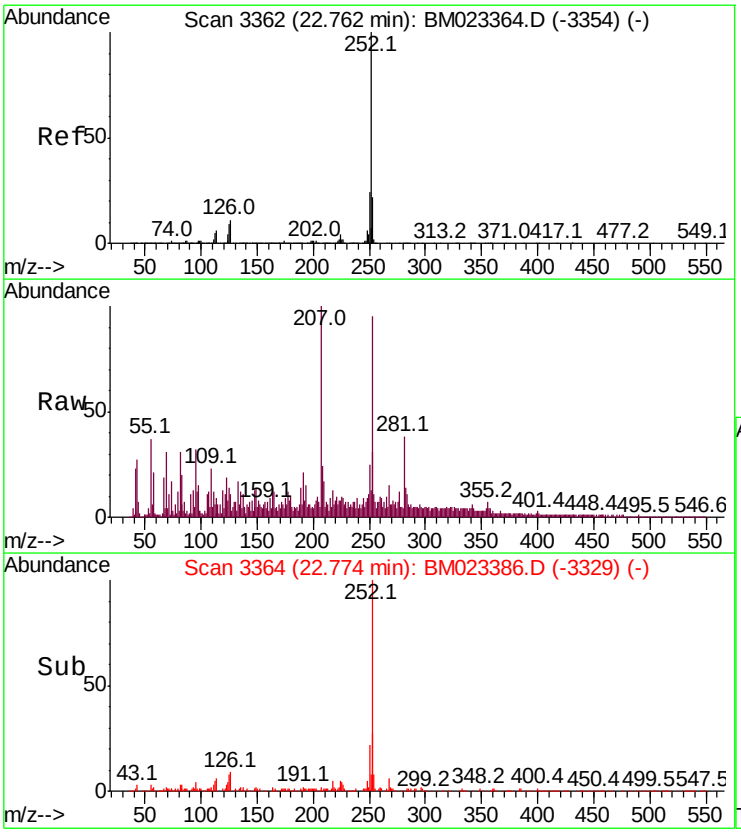
#85
Chrysene
Concen: 3.716 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 459015

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.0	36.0
229	27.7	16.0	24.0#

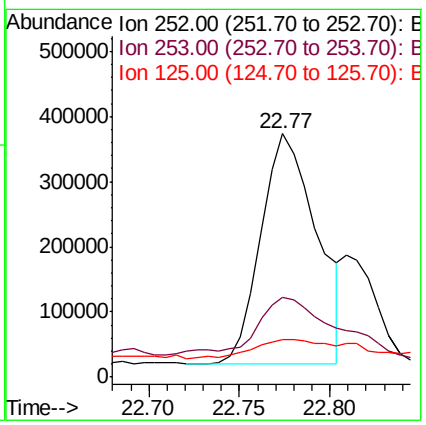


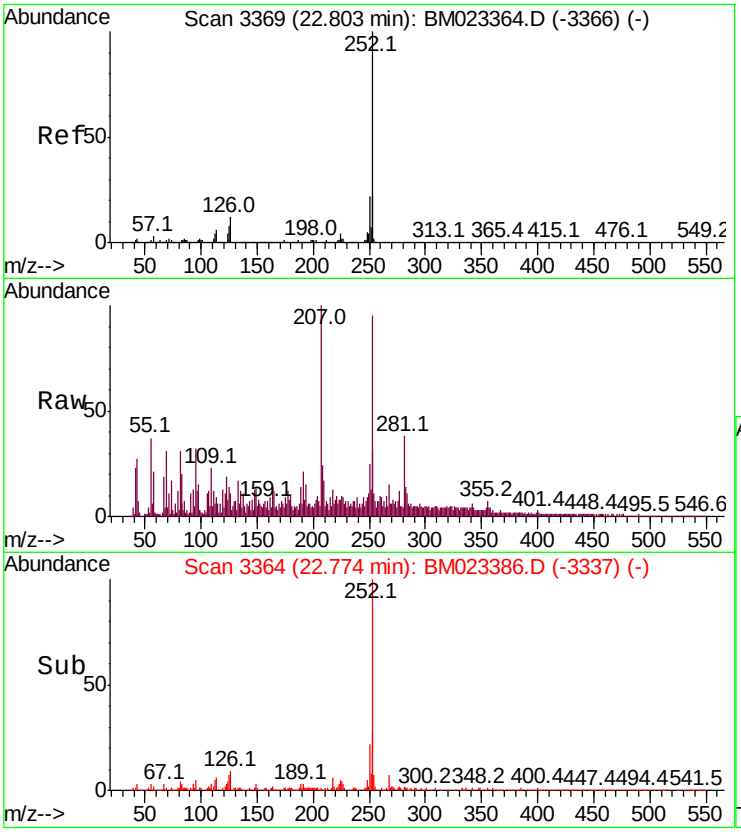


#88
Benzo(b)fluoranthene
Concen: 4.654 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:252 Resp: 760753

Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.5	26.3#
125	15.2	7.1	10.7#



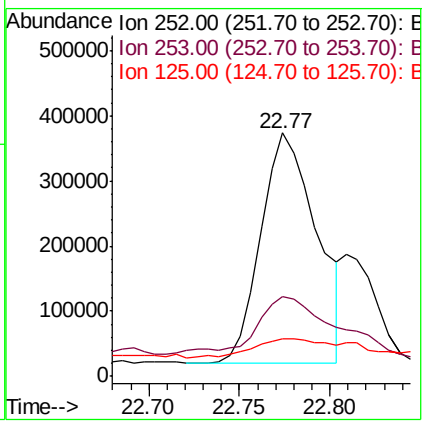


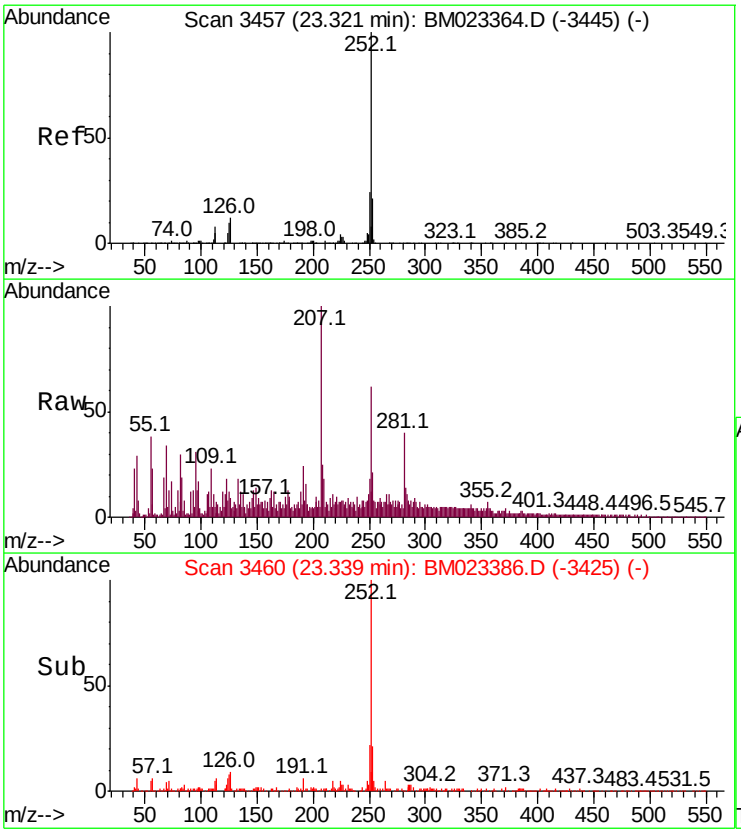
#89
Benzo(k)fluoranthene
Concen: 4.956 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.04 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 760753

Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.8	26.6#
125	15.2	6.8	10.2#

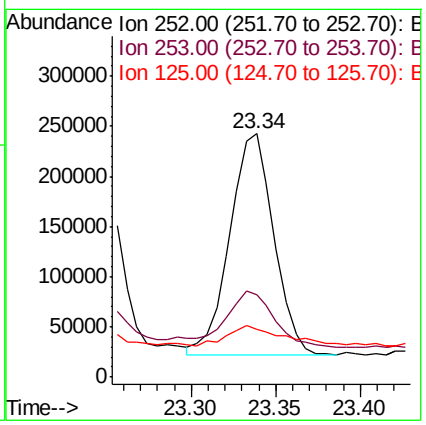


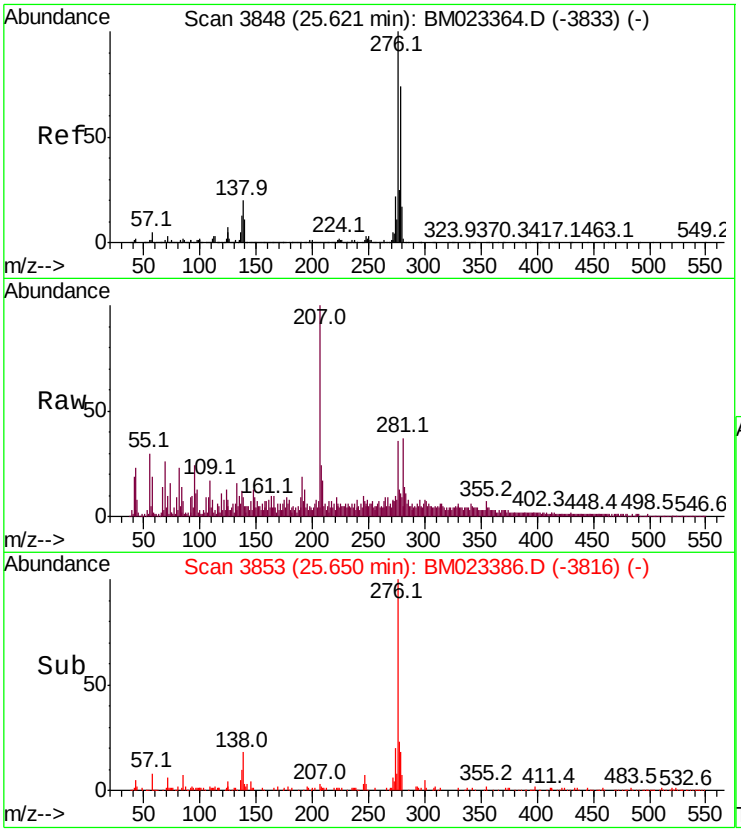


#91
Benzo(a)pyrene
Concen: 2.700 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.01 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:252 Resp: 399582

Ion	Ratio	Lower	Upper
252	100		
253	33.9	17.7	26.5#
125	19.8	7.5	11.3#



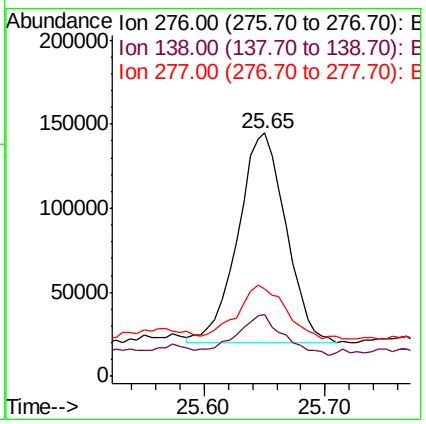


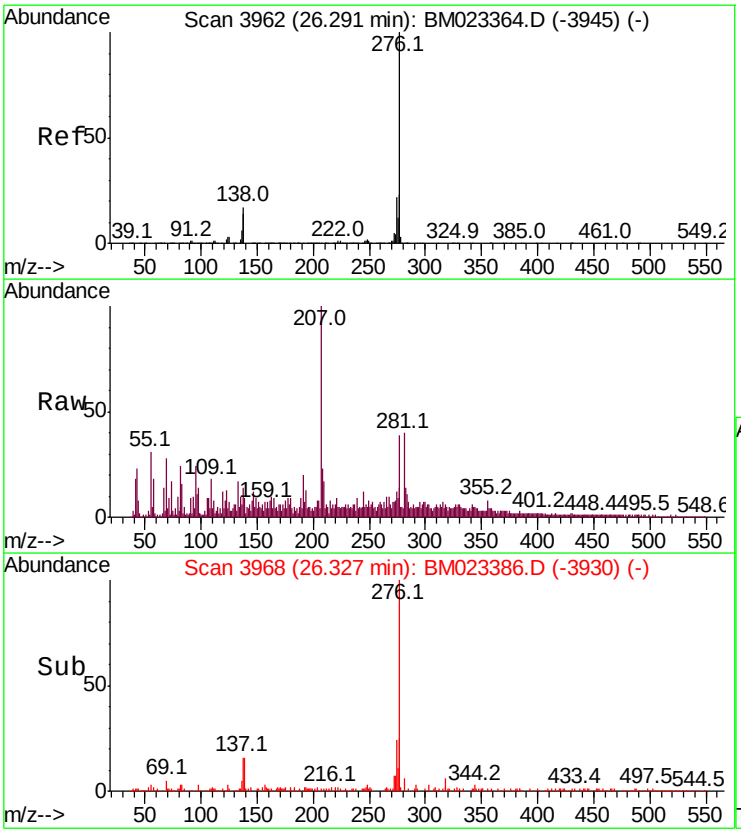
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.170 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. 0.02 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 347809

Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.7	23.5#
277	35.9	20.2	30.2#





#94
Benzo(g,h,i)perylene
Concen: 3.080 ng/ul
RT: 26.33 min Scan# 3968
Delta R.T. 0.02 min
Lab File: BM023386.D
Acq: 24 Oct 2019 19:17

Tgt Ion:276 Resp: 401585

Ion	Ratio	Lower	Upper
276	100		
138	22.8	14.4	21.6#
277	36.2	19.0	28.6#