Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5854-04RE
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Time: Nov 28 21:38:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	505632	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	2016062	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	1181094	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	2377017	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	2326881	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	2938959	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	52270	4.60	ng/uL	0.00
5) Phenol-d5	6.68	99	1060932	23.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	632789	24.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	881216	25.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	823058	23.54	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	421802	26.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	484894	27.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	851380	25.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	754902	20.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	2402331	26.18	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	3063224	28.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	326281	21.15	ng/ul	0.00
58) Fluorene-d10	15.15	176	2151962	27.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	195737	13.12	ng/ul	0.00
71) Anthracene-d10	17.00	188	3113602	27.43	ng/ul	0.00
79) Pyrene-d10	19.31	212	3291487	27.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.13	264	4296014	27.65	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.64	77	144179	6.178	ng/ul#	29
6) Phenol	6.70	94	146882	3.222	ng/ul	99
14) Acetophenone	8.31	105	323213	6.047	ng/ul	96
16) 4-Methylphenol	8.26	108	43442	1.174	ng/ul	85
17) Hexachloroethane	8.59	117	31126	2.153	ng/ul#	9
28) Naphthalene	10.30	128	292979	2.757	ng/ul	99
34) 2-Methylnaphthalene	11.93	142	199930	2.591	ng/ul	99
35) 1-Methylnaphthalene	12.16	142	97002	1.280	ng/ul#	93
45) Dimethylphthalate	13.62	163	678585	7.554	ng/ul	99
70) Phenanthrene	16.95	178	877388	6.534	ng/ul	100
72) Anthracene	17.03	178	277018	2.032	ng/ul	98
76) Di-n-butylphthalate	17.89	149	2680691	18.262	ng/ul	100
77) Fluoranthene	18.97	202	1737030	12.062	ng/ul	99
80) Pyrene	19.33	202	1675117	10.685	ng/ul	99
83) Benzo(a)anthracene	21.09	228	955760	6.145	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	2686437	27.137	ng/ul#	87
85) Chrysene	21.14	228	883764	6.051	ng/ul	97
88) Benzo(b)fluoranthene	22.63	252	1370087	7.538	ng/ul#	89
89) Benzo(k)fluoranthene	22.63	252	1370087	7.941	ng/ul#	90
91) Benzo(a)pyrene	23.17	252	888998	5.173	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	25.38	276	594740	2.787	ng/ul	99
94) Benzo(g,h,i)perylene	26.03	276	559444	3.130	ng/ul	95

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
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Operator : JU
Sample : K5854-04RE
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Time: Nov 28 21:38:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration

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

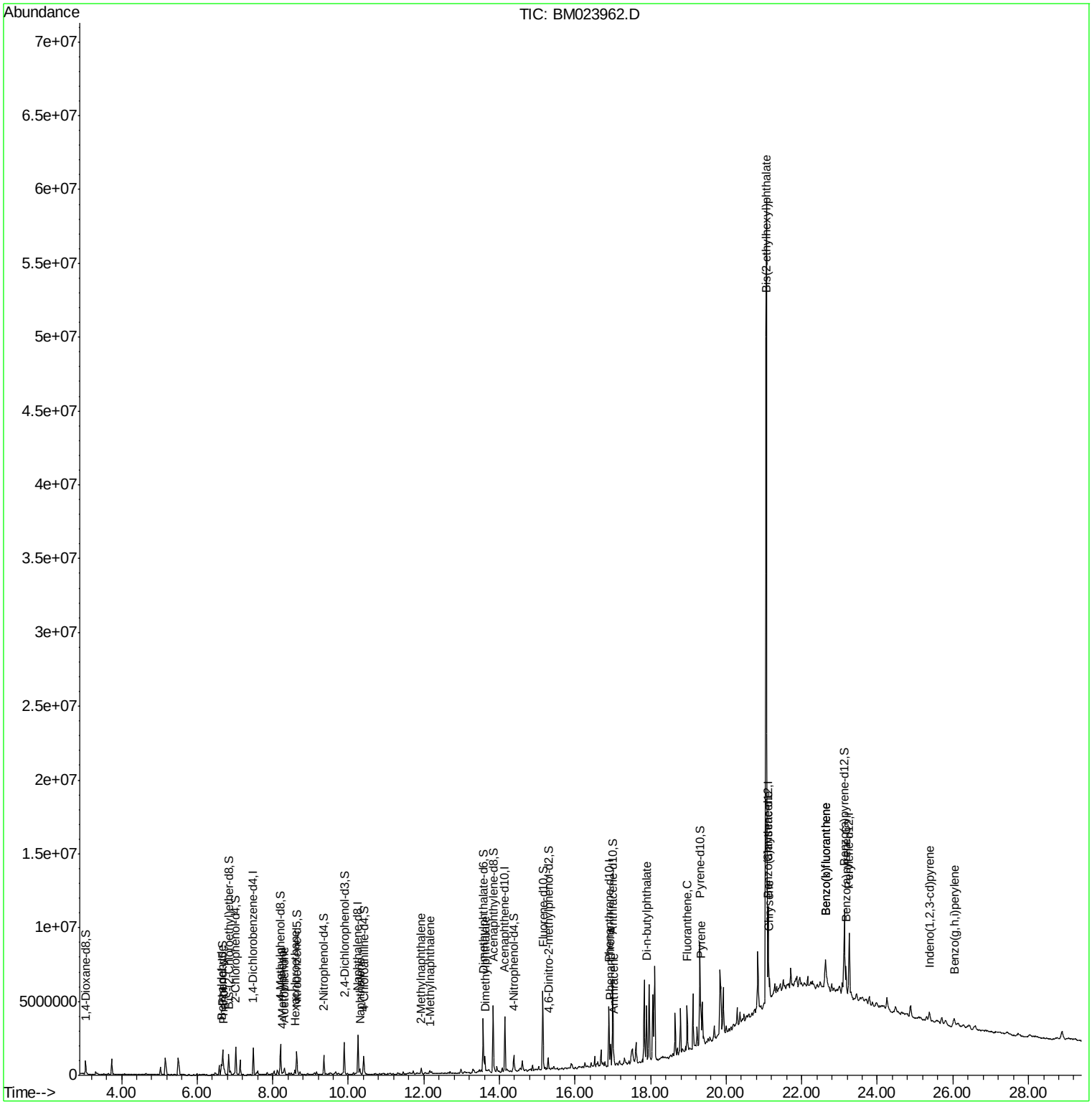
(#) = qualifier out of range (m) = manual integration (+) = signals summed

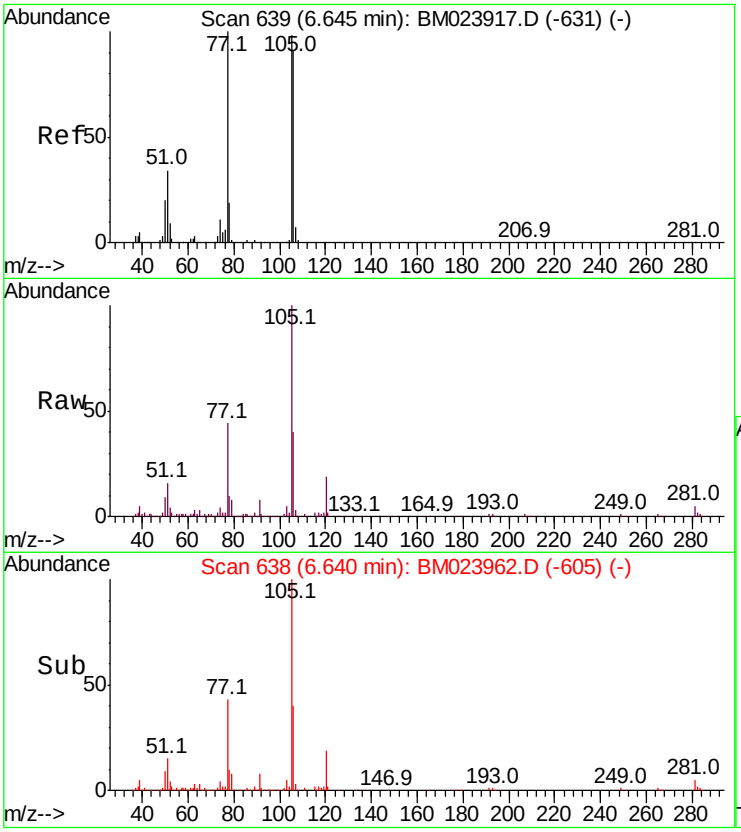
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5854-04RE
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Quant Time: Nov 28 21:38:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration



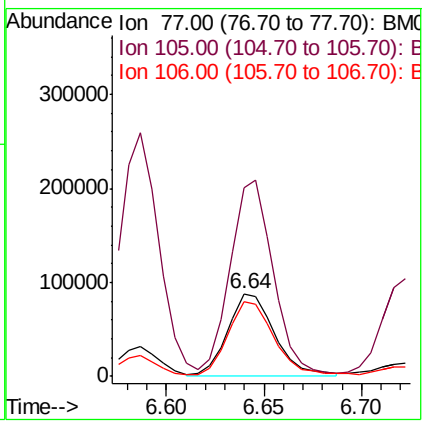


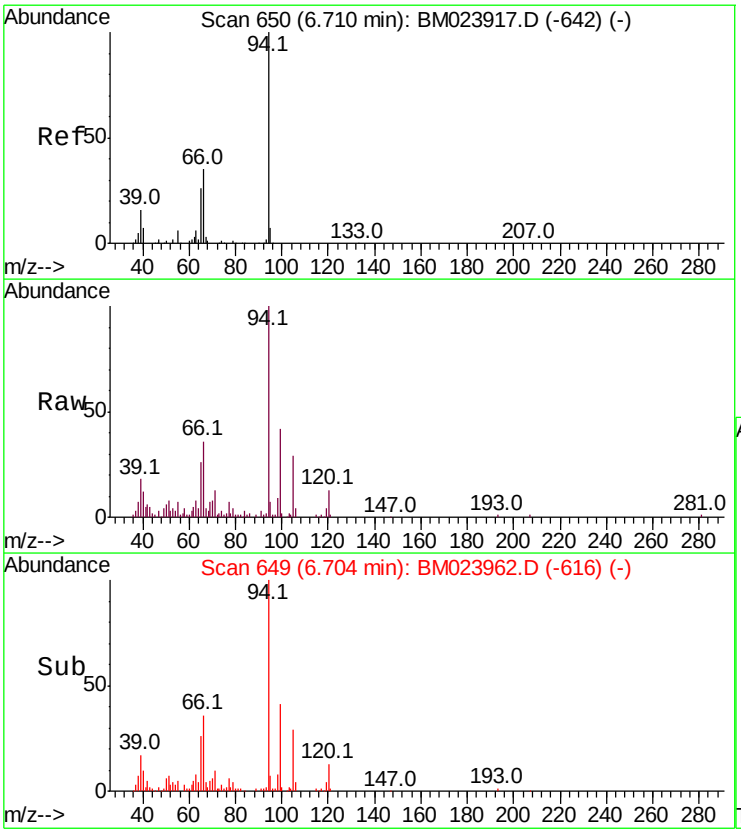
#4
Benzaldehyde
Concen: 6.178 ng/ul
RT: 6.64 min Scan# 638
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion: 77 Resp: 144179

Ion	Ratio	Lower	Upper
77	100		
105	228.7	75.4	113.0#
106	90.7	72.6	109.0

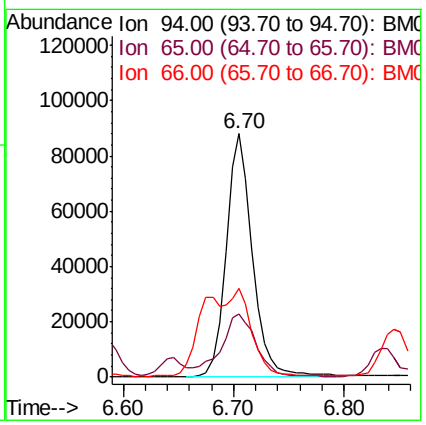


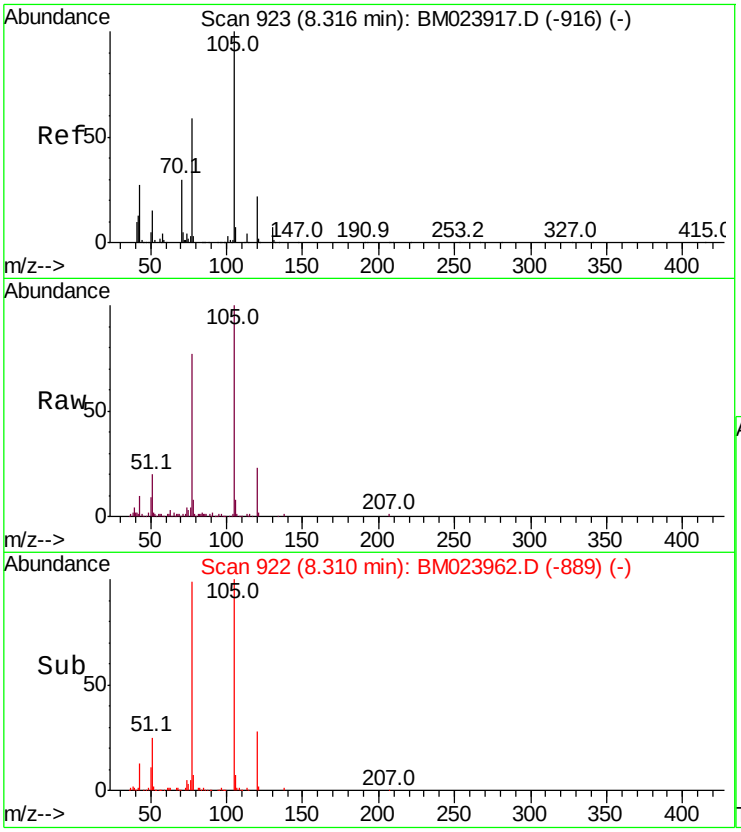


#6
Phenol
Concen: 3.222 ng/ul
RT: 6.70 min Scan# 649
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion: 94 Resp: 146882

Ion	Ratio	Lower	Upper
94	100		
65	26.0	20.8	31.2
66	36.4	28.6	43.0



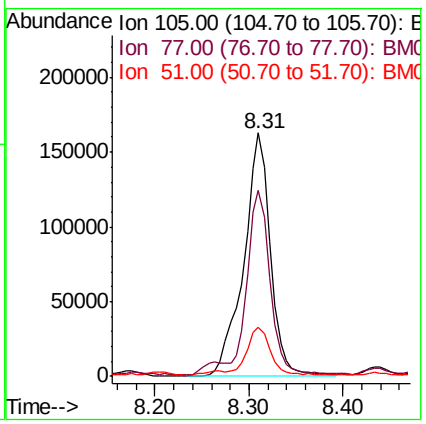


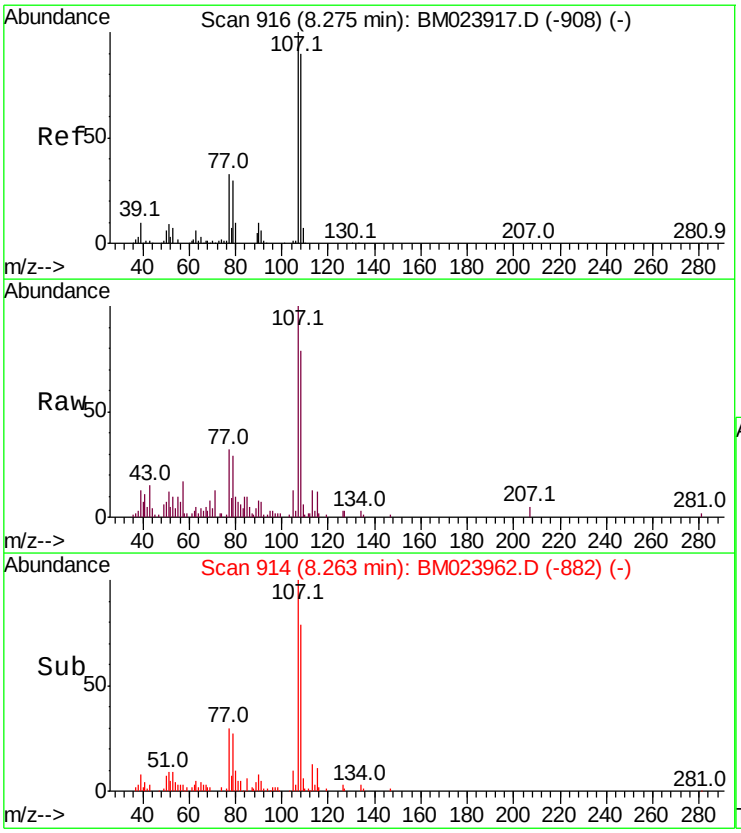
#14
Acetophenone
Concen: 6.047 ng/ul
RT: 8.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion:105 Resp: 323213

Ion	Ratio	Lower	Upper
105	100		
77	76.6	64.2	96.2
51	20.2	16.7	25.1

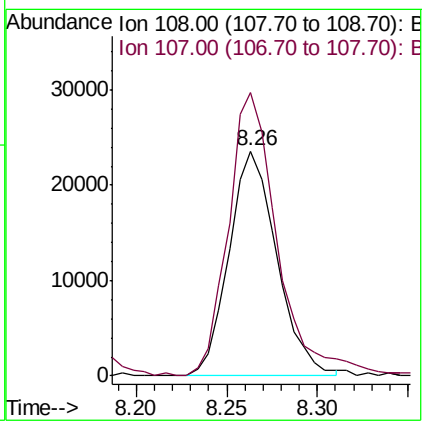


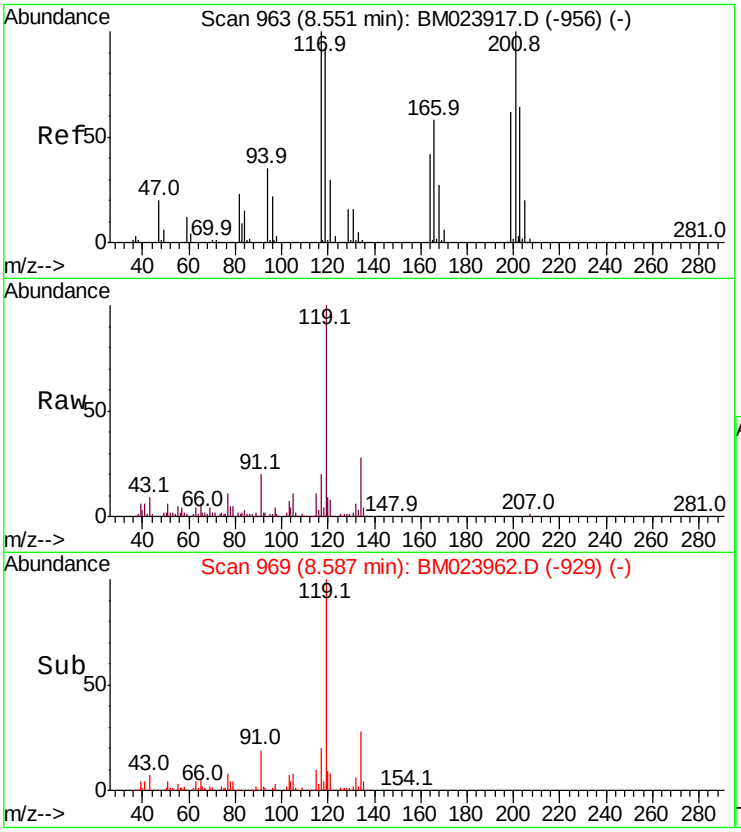


#16
4-Methylphenol
Concen: 1.174 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion:108 Resp: 43442

Ion	Ratio	Lower	Upper
108	100		
107	125.8	87.9	131.9



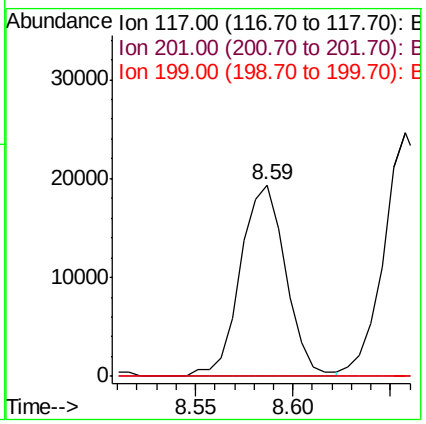


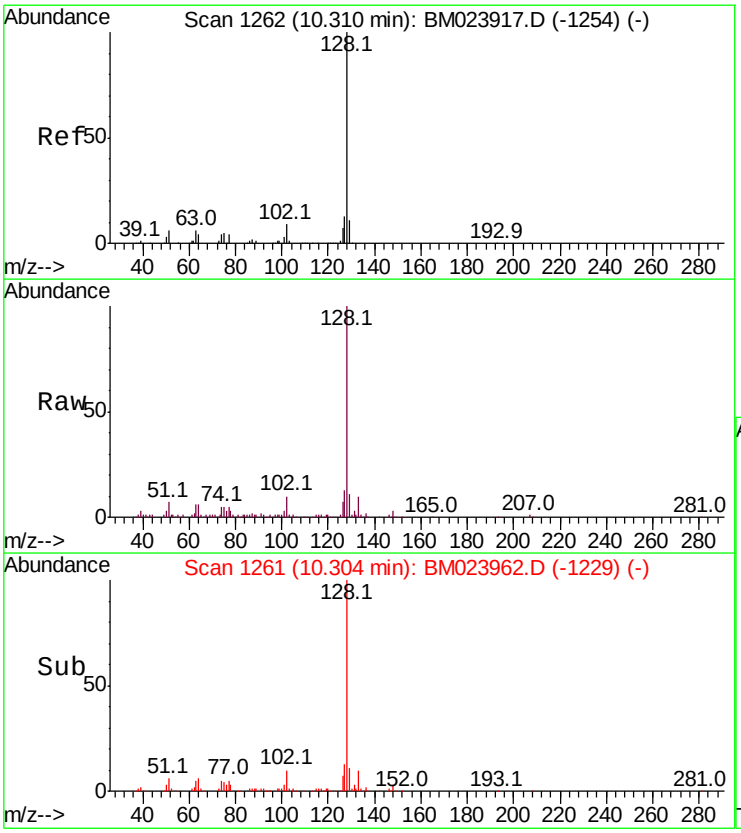
#17
Hexachloroethane
Concen: 2.153 ng/ul
RT: 8.59 min Scan# 969
Delta R.T. 0.04 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion:117 Resp: 31126

Ion	Ratio	Lower	Upper
117	100		
201	0.0	77.4	116.2#
199	0.0	47.8	71.8#

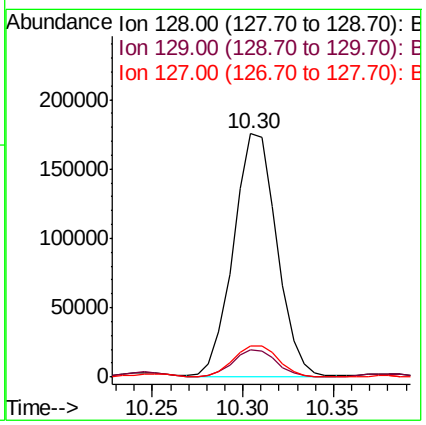


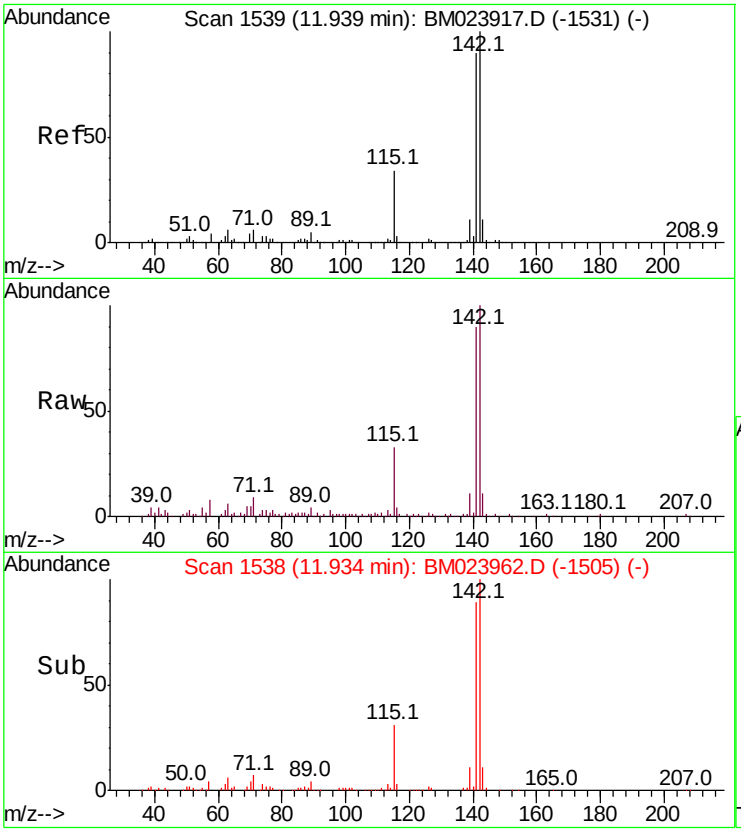


#28
Naphthalene
Concen: 2.757 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion:128 Resp: 292979

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	13.0	10.2	15.2



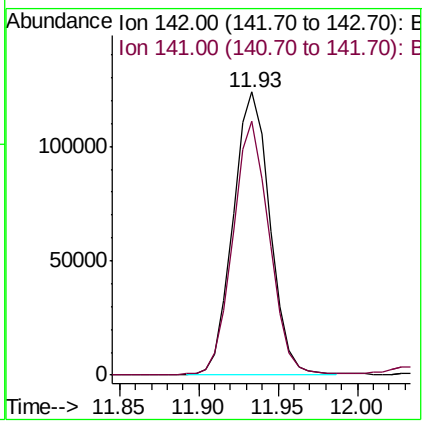


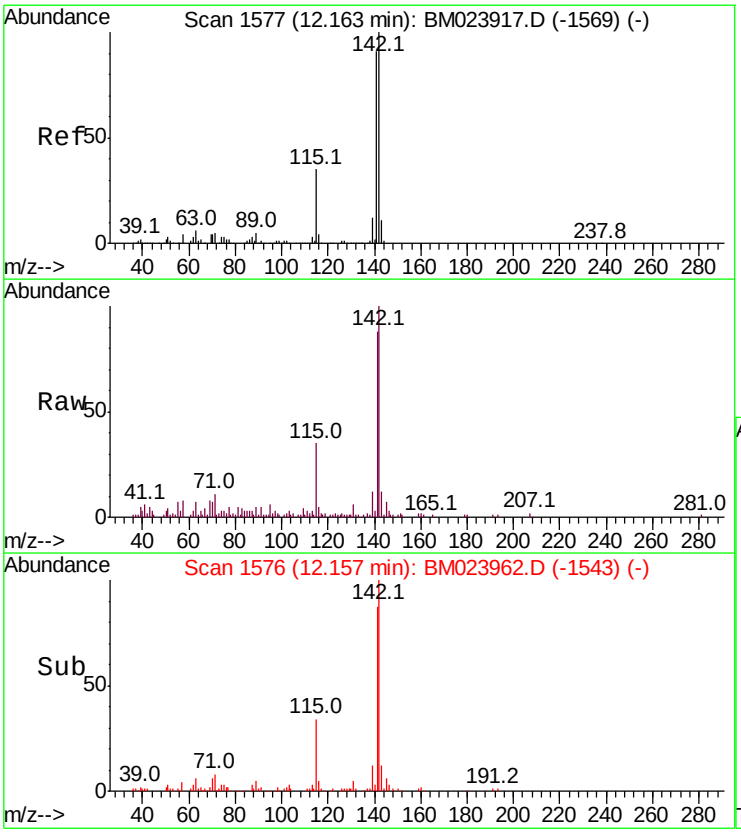
#34
2-Methylnaphthalene
Concen: 2.591 ng/ul
RT: 11.93 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion:142 Resp: 199930

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.0

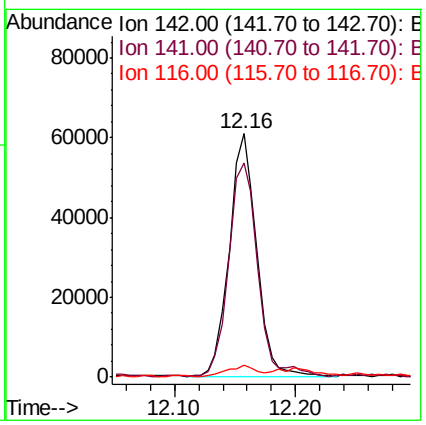


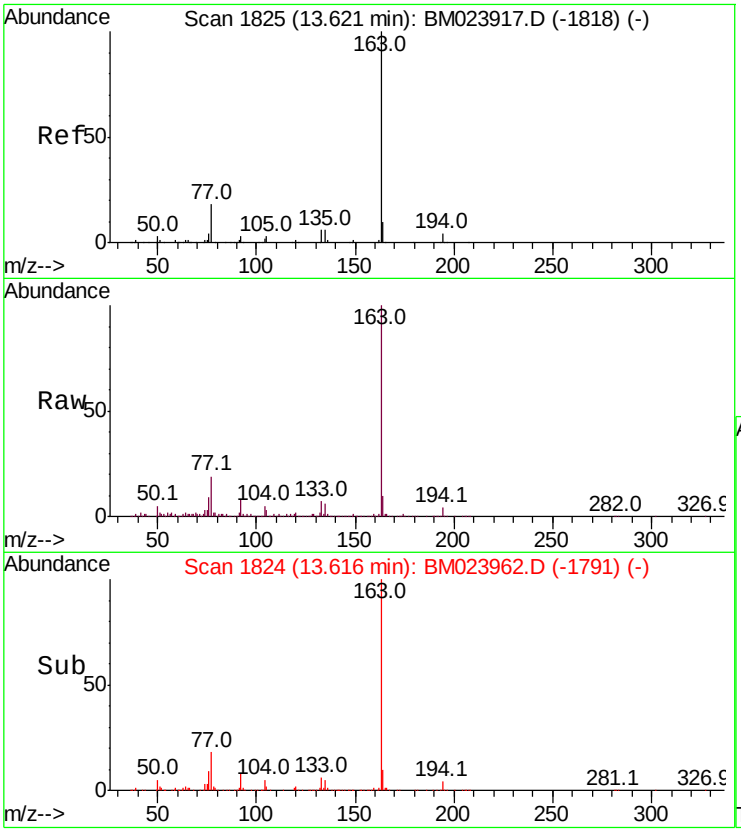


#35
1-Methylnaphthalene
Concen: 1.280 ng/ul
RT: 12.16 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion:142 Resp: 97002

Ion	Ratio	Lower	Upper
142	100		
141	88.0	75.6	113.4
116	4.8	3.0	4.6#



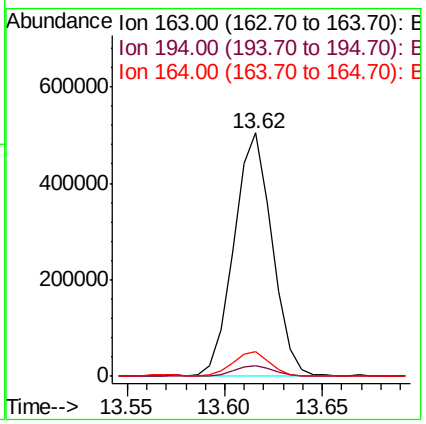


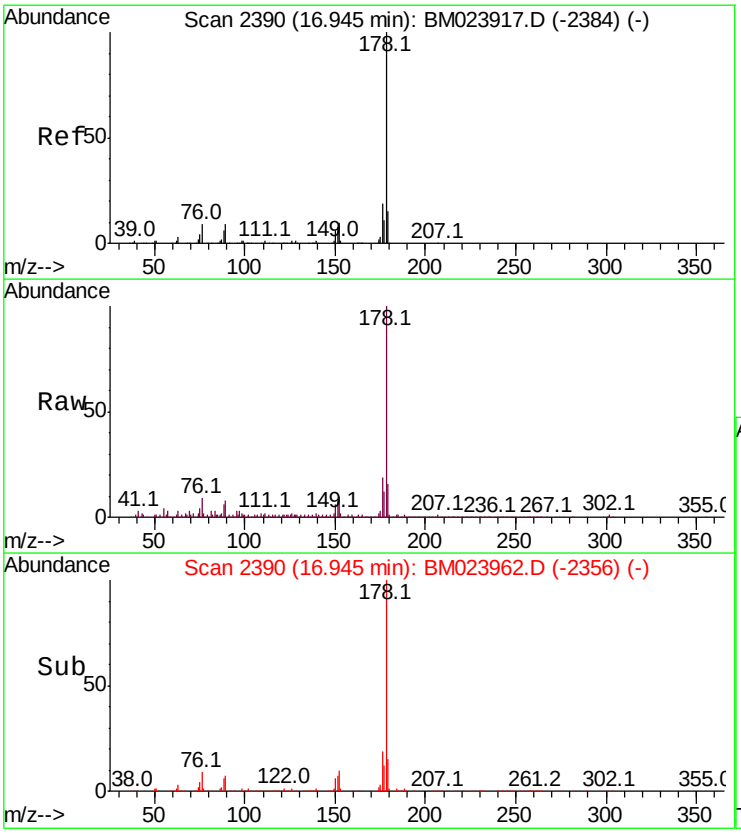
#45
Dimethylphthalate
Concen: 7.554 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion:163 Resp: 678585

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.2	8.0	12.0

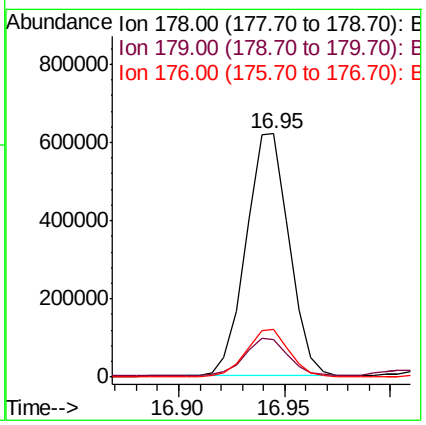


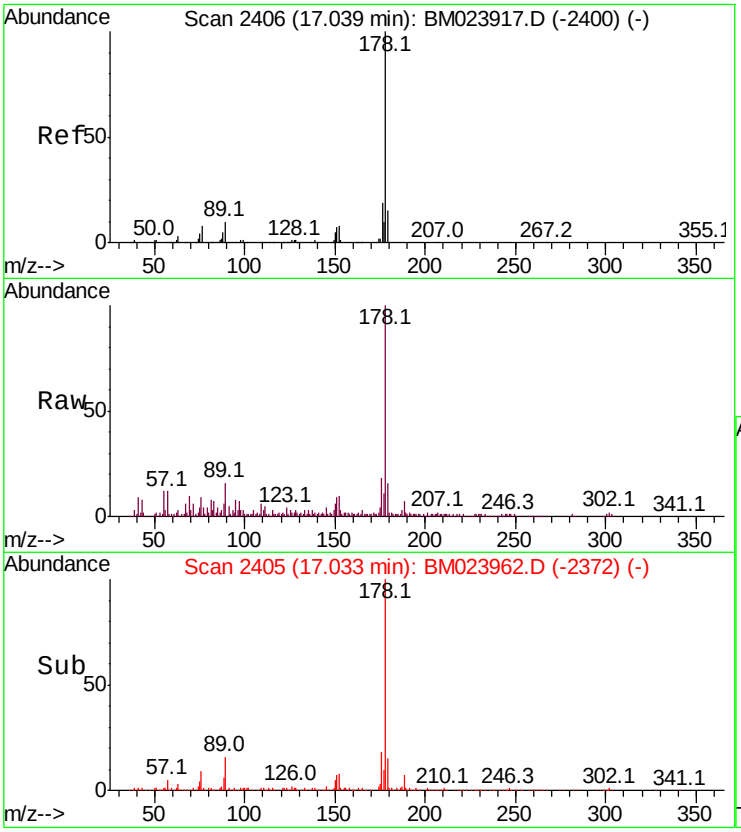


#70
Phenanthrene
Concen: 6.534 ng/ul
RT: 16.95 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion:178 Resp: 877388

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.5	15.3	22.9



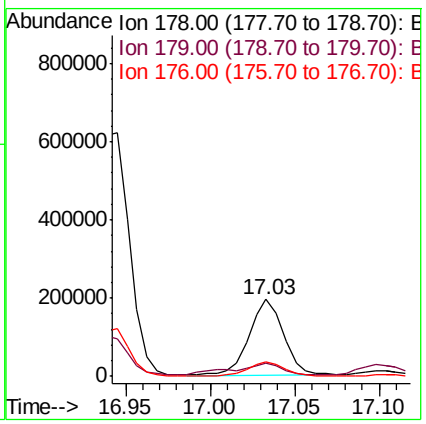


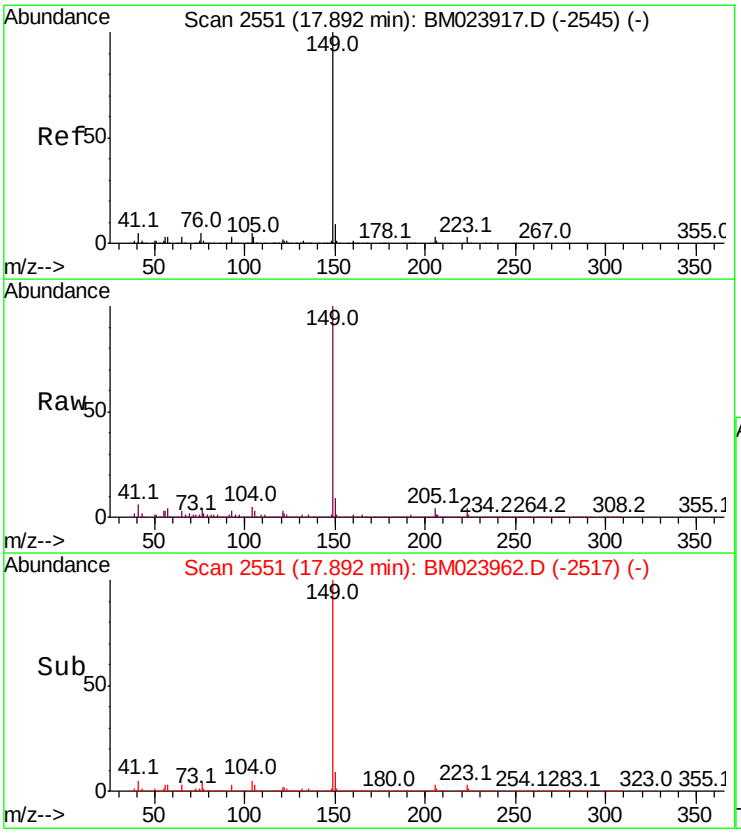
#72
Anthracene
Concen: 2.032 ng/ul
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion:178 Resp: 277018

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.2
176	18.4	14.5	21.7

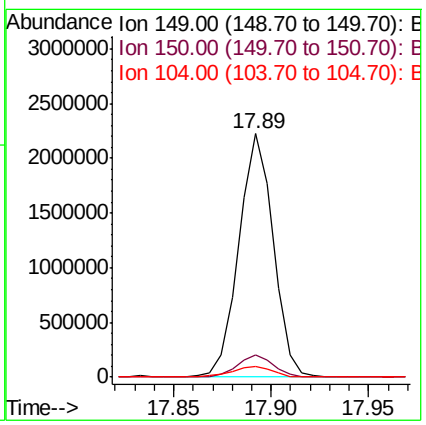


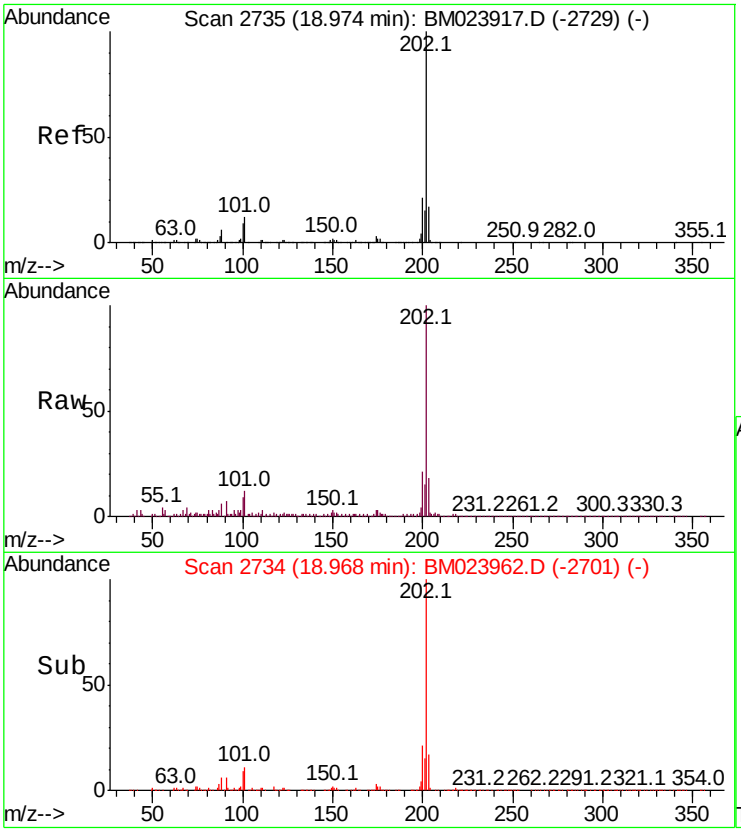


#76
Di-n-butylphthalate
Concen: 18.262 ng/ul
RT: 17.89 min Scan# 2551
Delta R.T. 0.00 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion:149 Resp: 2680691

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.6	3.9	5.9



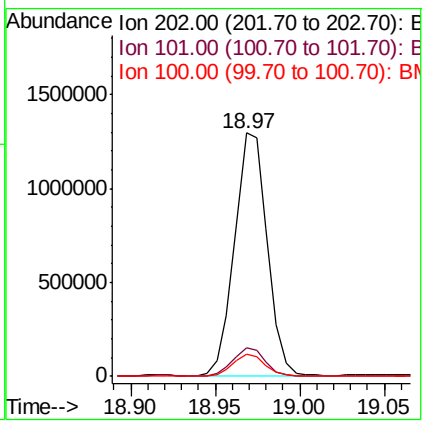


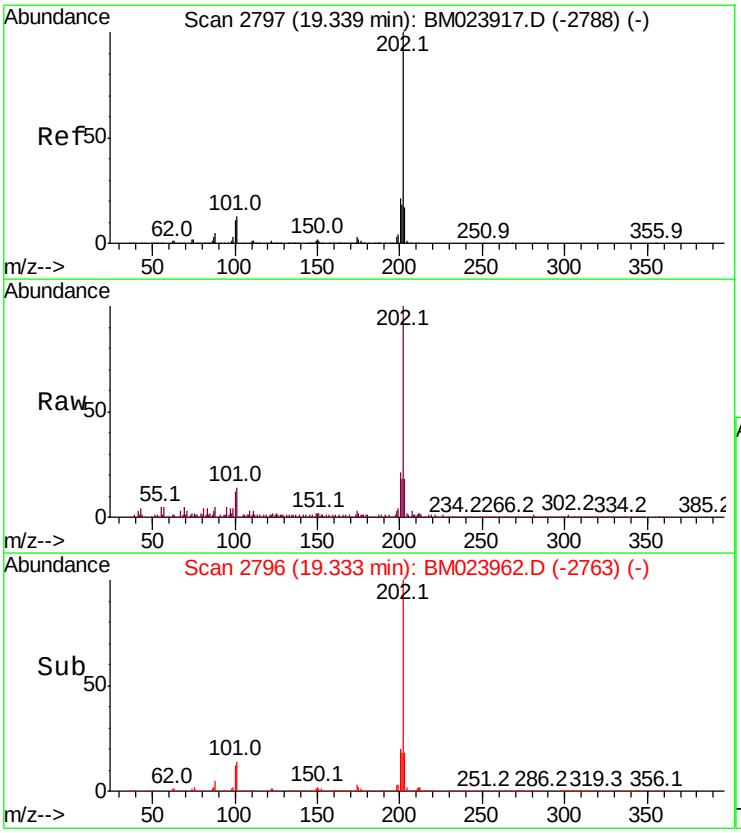
#77
Fluoranthene
Concen: 12.062 ng/ul
RT: 18.97 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion:202 Resp: 1737030

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
100	9.1	7.4	11.0

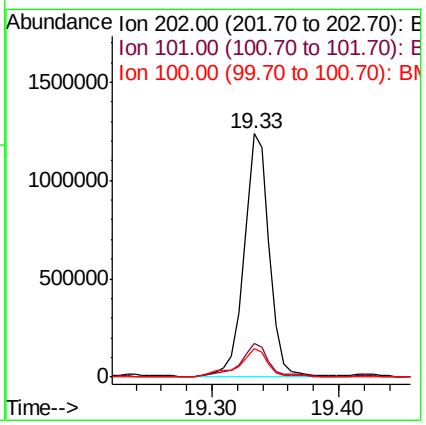


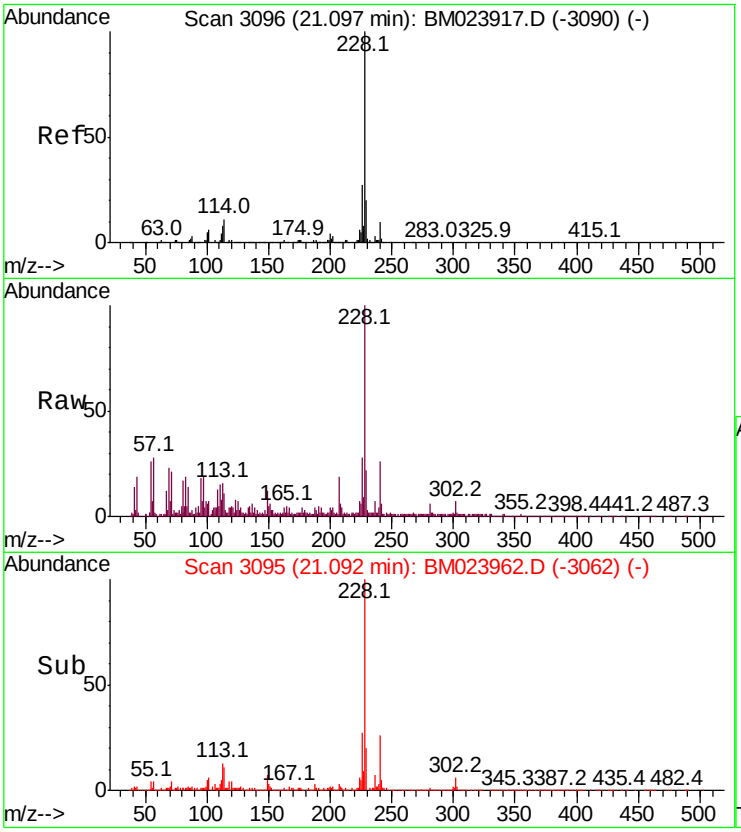


#80
Pyrene
Concen: 10.685 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion:202 Resp: 1675117

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.5	17.3
100	11.7	9.1	13.7



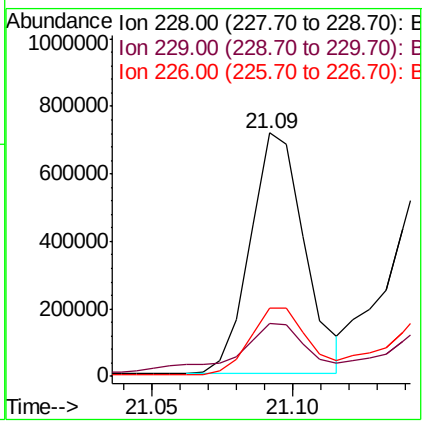


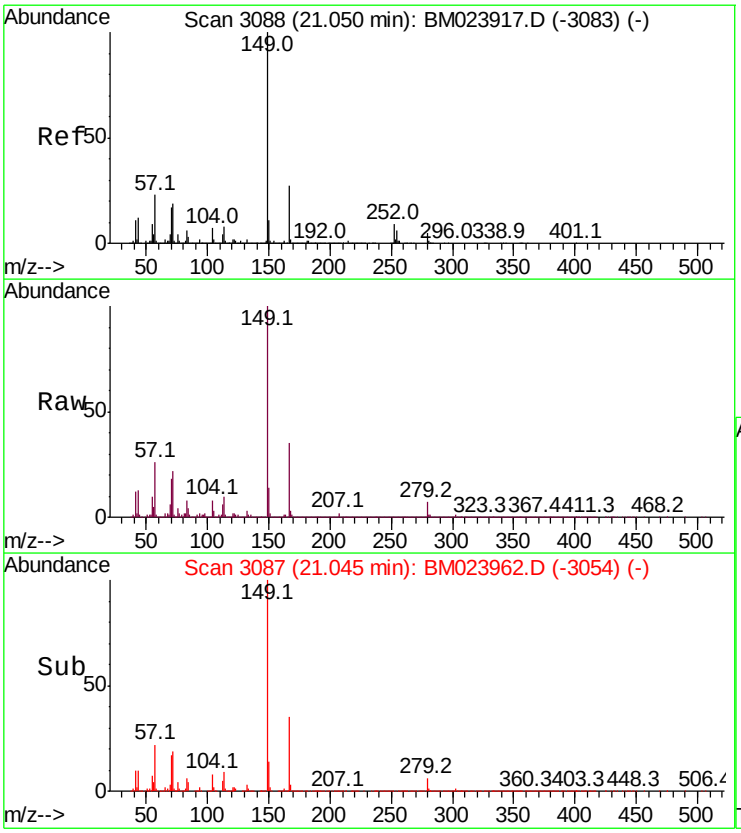
#83
Benzo(a)anthracene
Concen: 6.145 ng/ul
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion:228 Resp: 955760

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.5	23.3
226	28.0	21.7	32.5

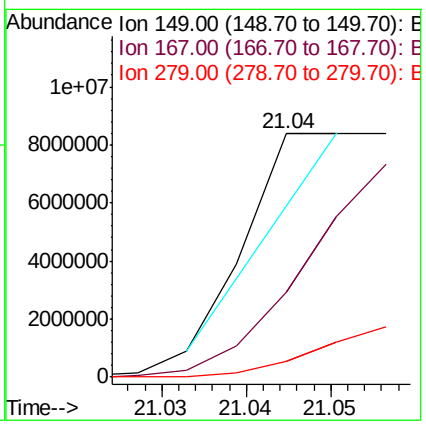


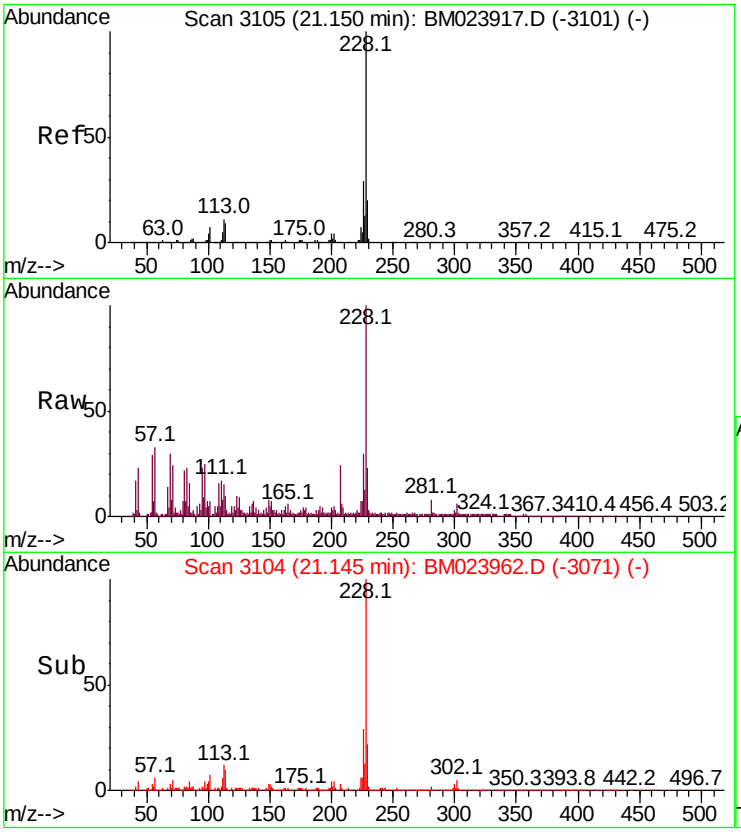


#84
Bis(2-ethylhexyl)phthalate
Concen: 27.137 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion:149 Resp: 2686437

Ion	Ratio	Lower	Upper
149	100		
167	35.1	21.9	32.9#
279	6.5	3.9	5.9#



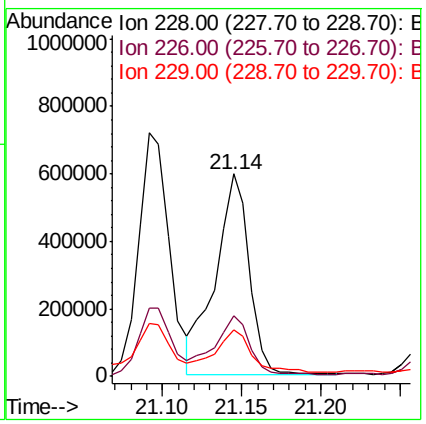


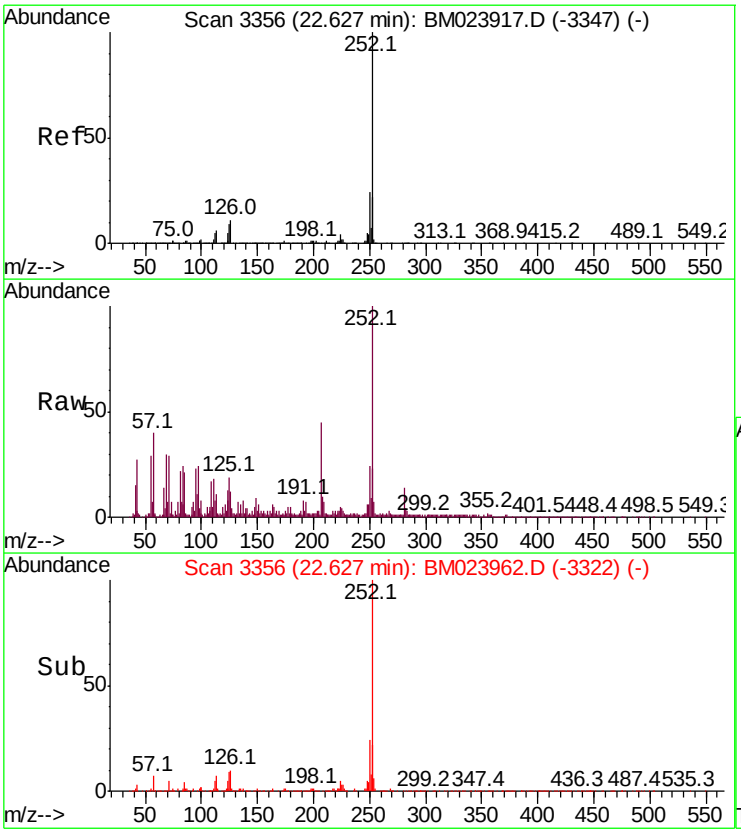
#85
Chrysene
Concen: 6.051 ng/ul
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion:228 Resp: 883764

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	23.0	15.6	23.4

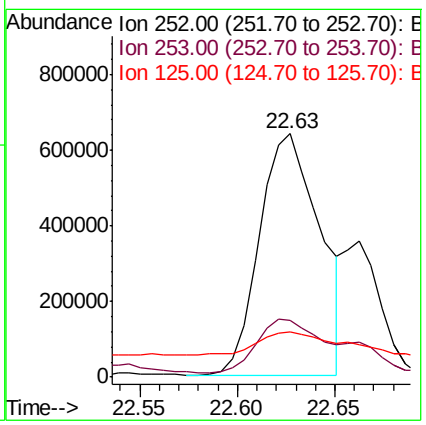


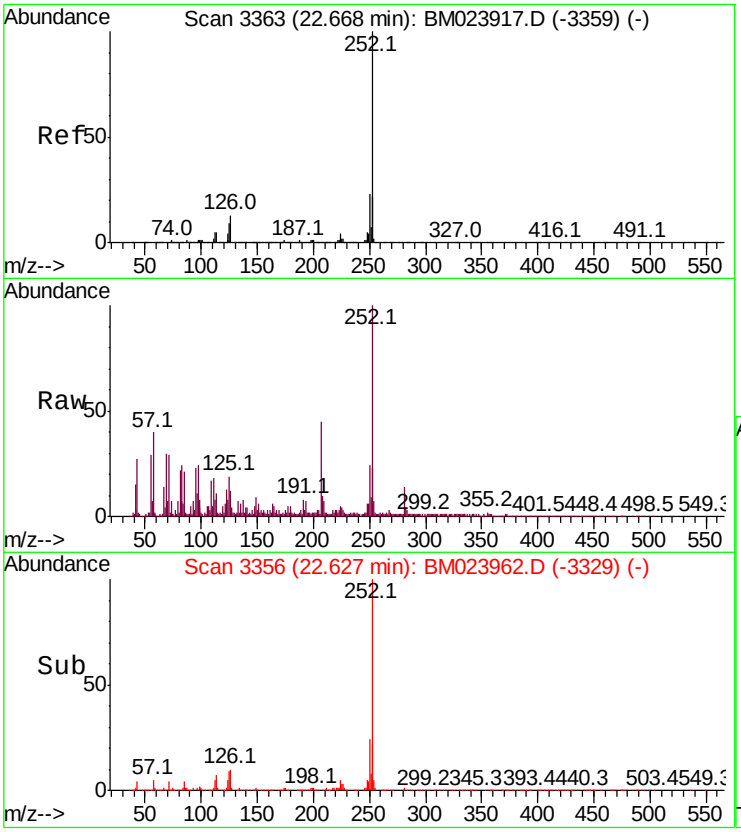


#88
Benzo(b)fluoranthene
Concen: 7.538 ng/ul
RT: 22.63 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion:252 Resp: 1370087

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	18.6	7.1	10.7#



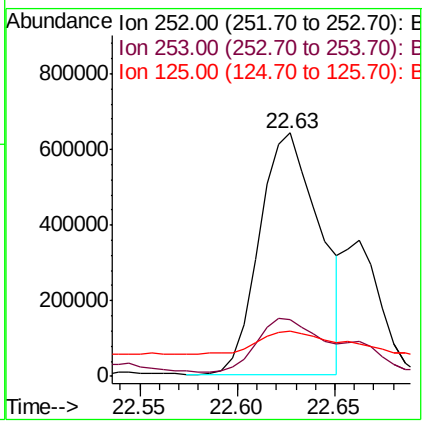


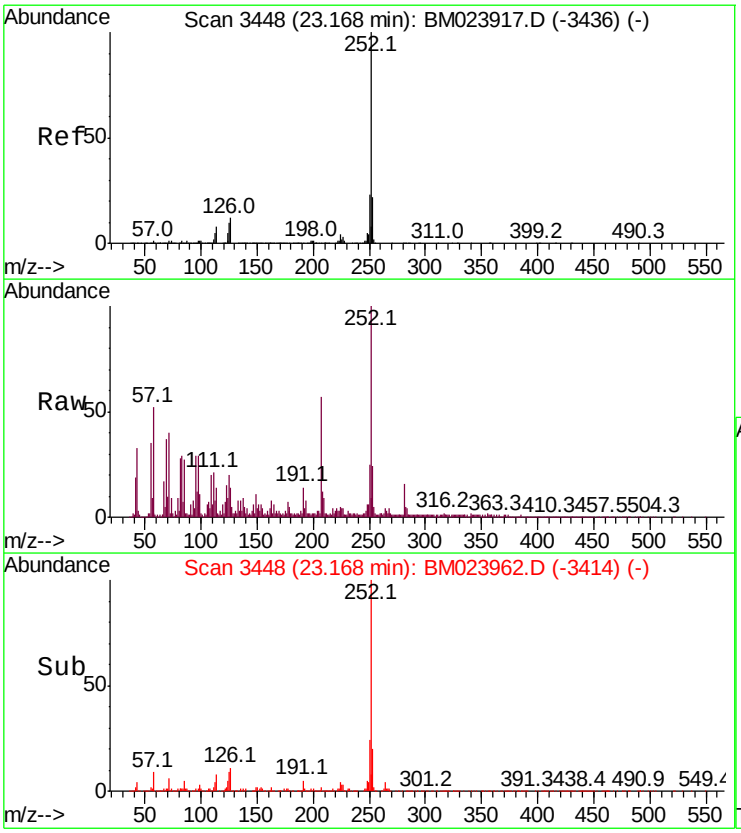
#89
Benzo(k)fluoranthene
Concen: 7.941 ng/ul
RT: 22.63 min Scan# 3356
Delta R.T. -0.04 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion:252 Resp: 1370087

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	18.6	7.4	11.0#

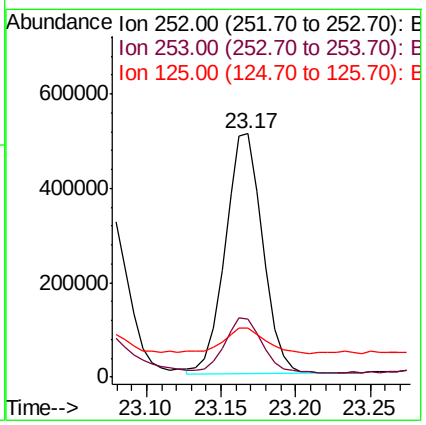


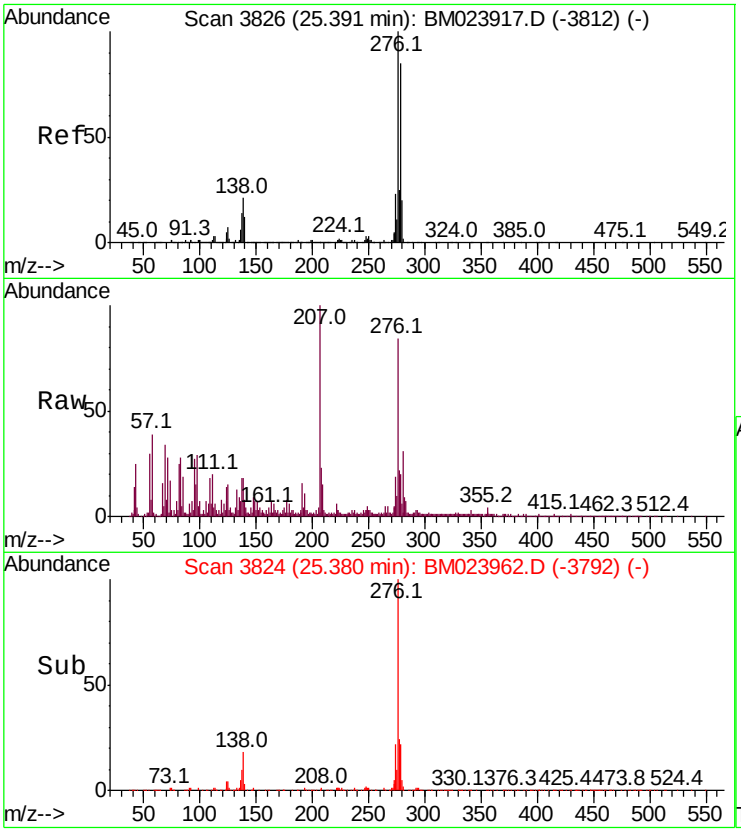


#91
Benzo(a)pyrene
Concen: 5.173 ng/ul
RT: 23.17 min Scan# 3448
Delta R.T. 0.00 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion:252 Resp: 888998

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	20.2	8.6	12.8#



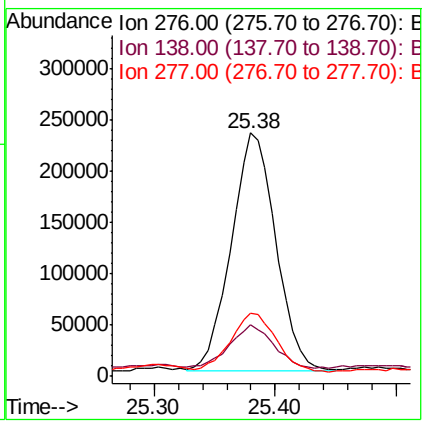


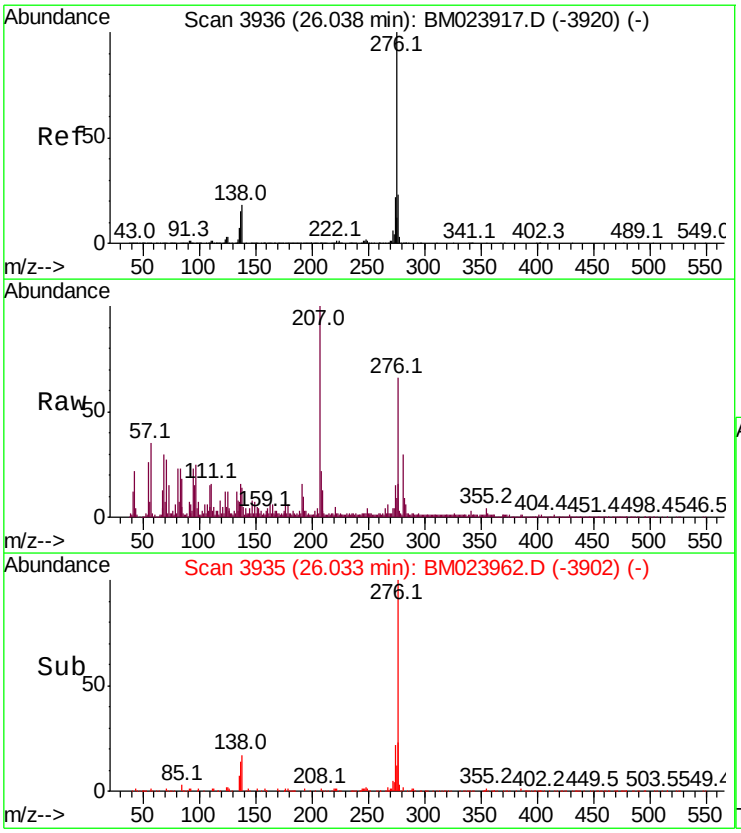
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.787 ng/ul
RT: 25.38 min Scan# 3824
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tgt Ion:276 Resp: 594740

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.2	25.8
277	26.0	20.5	30.7





#94
Benzo(g,h,i)perylene
Concen: 3.130 ng/ul
RT: 26.03 min Scan# 3935
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion:276 Resp: 559444

Ion	Ratio	Lower	Upper
276	100		
138	20.9	14.2	21.2
277	25.0	18.8	28.2