Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024173.D
Acq On : 19 Dec 2019 03:33
Operator : JU
Sample : K6171-16
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BZ2

Quant Time: Dec 21 03:27:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 19 02:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	442161	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	2048101	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	1274495	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.86	188	2579200	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1966102	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1854227	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	23743	2.37	ng/uL	0.00
5) Phenol-d5	6.65	99	602775	14.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	375838	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	468491	15.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	474290	13.86	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	236794	16.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	263179	16.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	490060	15.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	605787	15.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1625947	17.25	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1943419	17.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	152697	9.02	ng/ul	0.00
58) Fluorene-d10	15.11	176	1416574	17.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	111379	7.08	ng/ul	0.00
71) Anthracene-d10	16.96	188	2109364	17.97	ng/ul	0.00
79) Pyrene-d10	19.27	212	2313888	24.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1808202	19.63	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	49933	1.155	ng/ul	93
16) 4-Methylphenol	8.23	108	78553	2.201	ng/ul	86
45) Dimethylphthalate	13.58	163	317070	3.237	ng/ul	99
70) Phenanthrene	16.90	178	513311	3.555	ng/ul	99
77) Fluoranthene	18.93	202	1013589	6.440	ng/ul	99
80) Pyrene	19.30	202	786289	6.126	ng/ul	99
83) Benzo(a)anthracene	21.06	228	317448	2.534	ng/ul	99
85) Chrysene	21.11	228	285194	2.323	ng/ul	97
88) Benzo(b)fluoranthene	22.57	252	327749	2.954	ng/ul#	96
91) Benzo(a)pyrene	23.12	252	219724	2.189	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.31	276	141870	1.177	ng/ul	95
94) Benzo(g,h,i)perylene	25.95	276	137865	1.401	ng/ul	98

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

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Misc :
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Instrument :
BNA_M
ClientSampleId :
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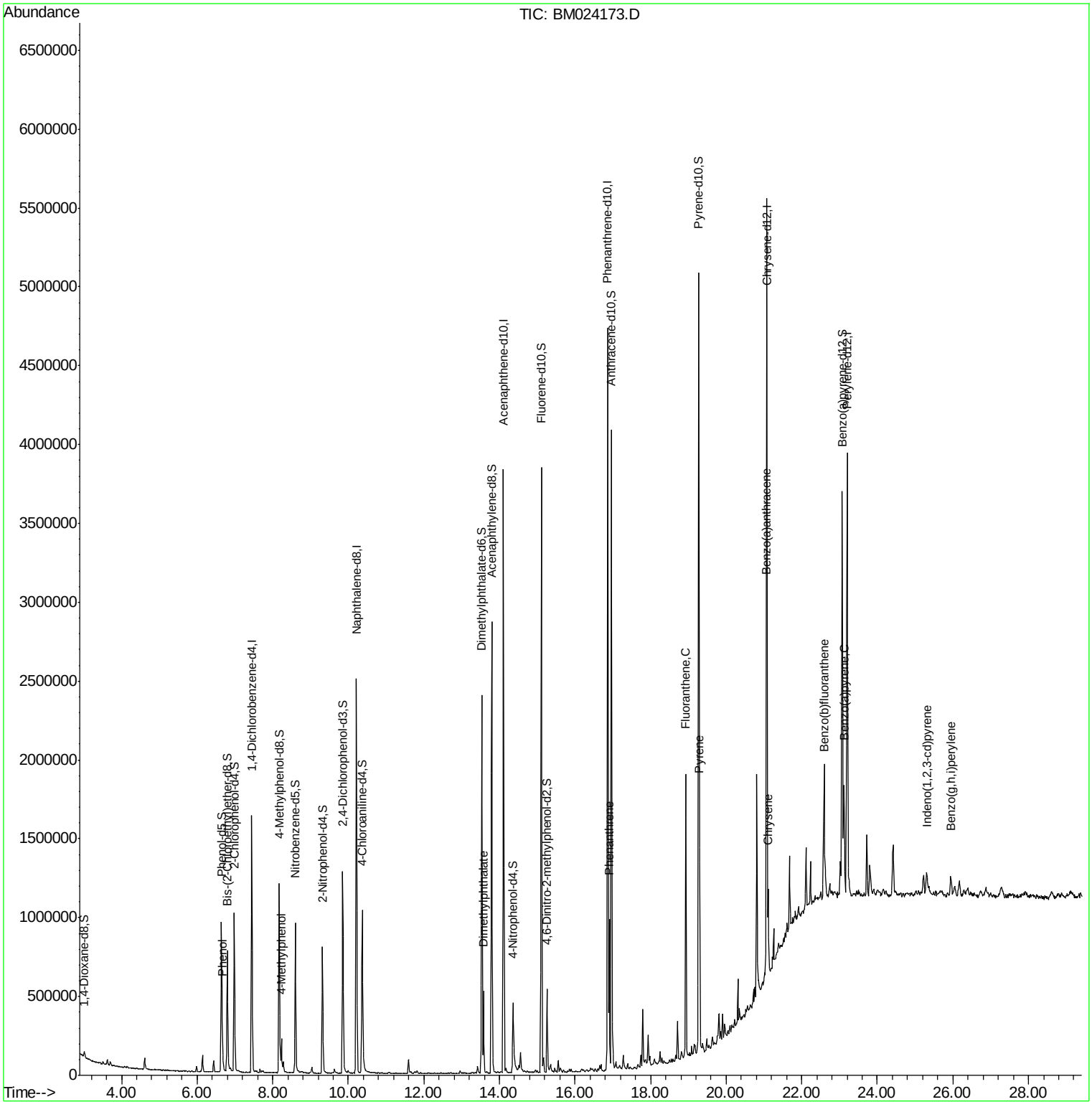
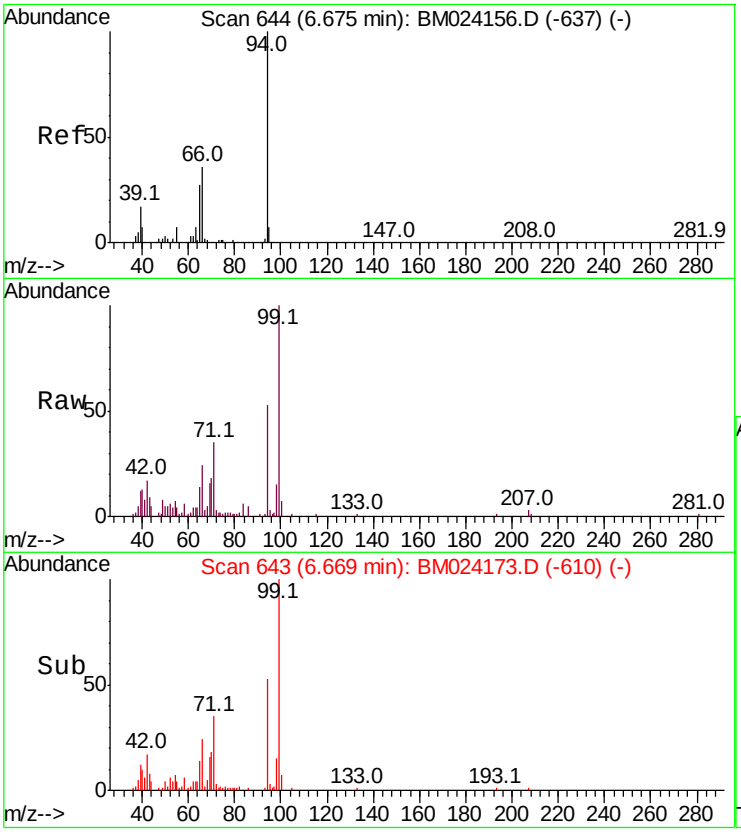


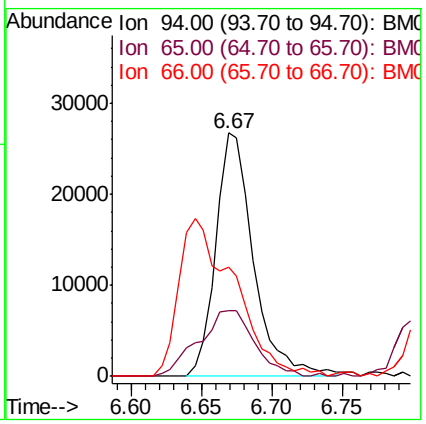


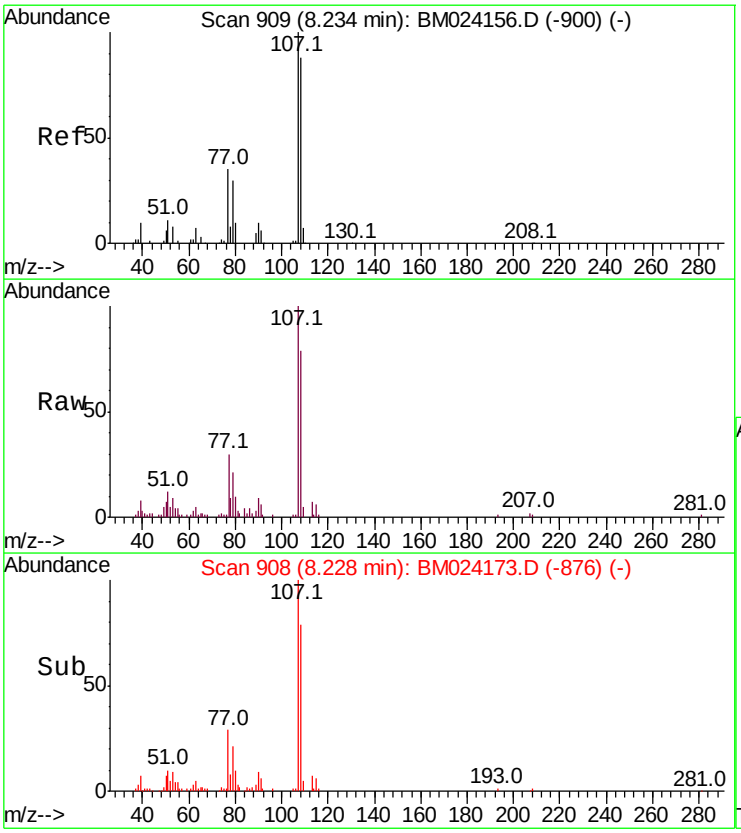
#6
Phenol
Concen: 1.155 ng/ul
RT: 6.67 min Scan# 643
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Instrument :
BNA_M
ClientSampleId :
C0BZ2

Tgt Ion: 94 Resp: 49933

Ion	Ratio	Lower	Upper
94	100		
65	26.8	22.6	33.8
66	44.9	30.7	46.1

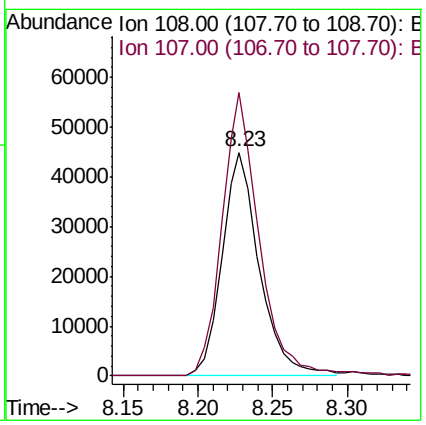


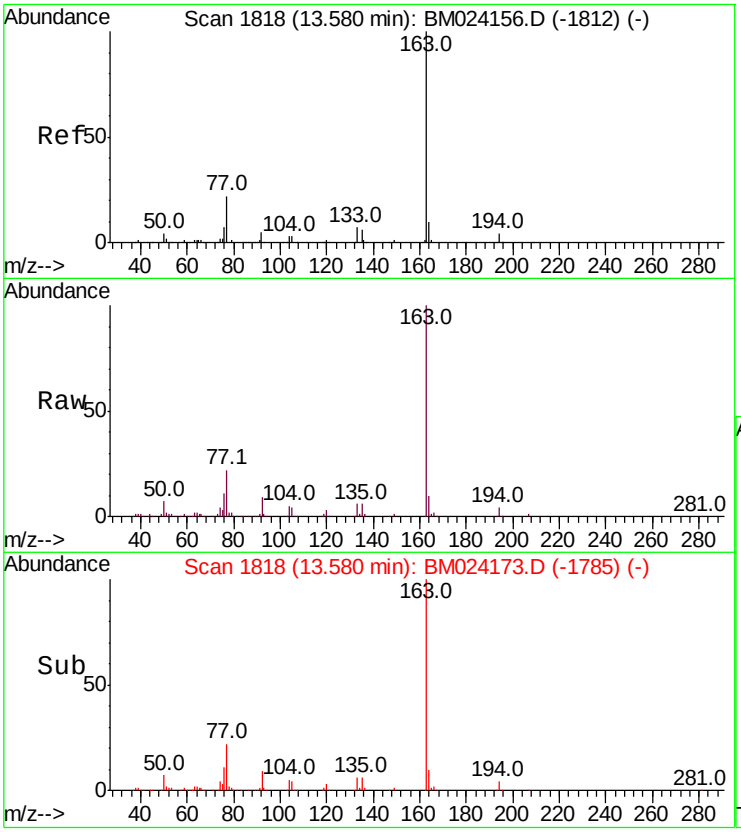


#16
4-Methylphenol
Concen: 2.201 ng/ul
RT: 8.23 min Scan# 908
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Tgt Ion:108 Resp: 78553

Ion	Ratio	Lower	Upper
108	100		
107	126.6	89.1	133.7



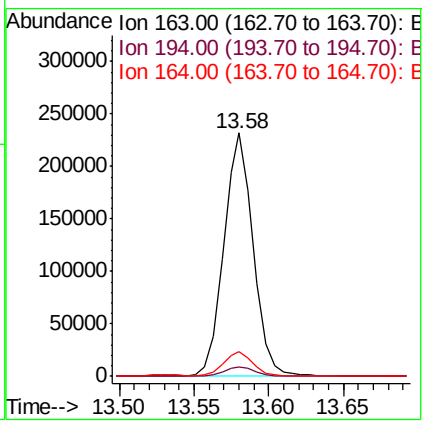


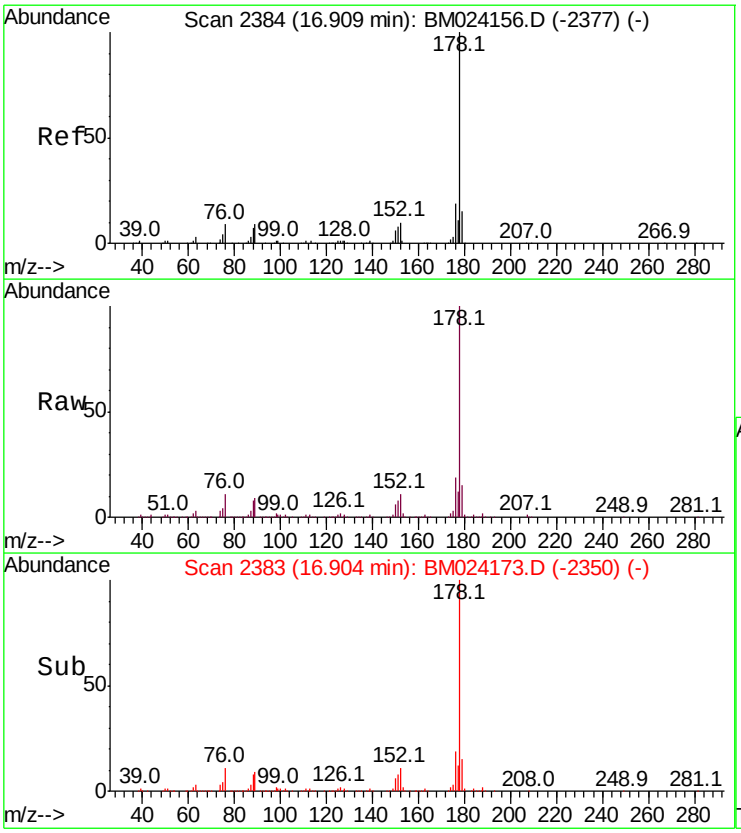
#45
Dimethylphthalate
Concen: 3.237 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Instrument :
BNA_M
ClientSampleId :
C0BZ2

Tgt Ion:163 Resp: 317070

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.8	11.6

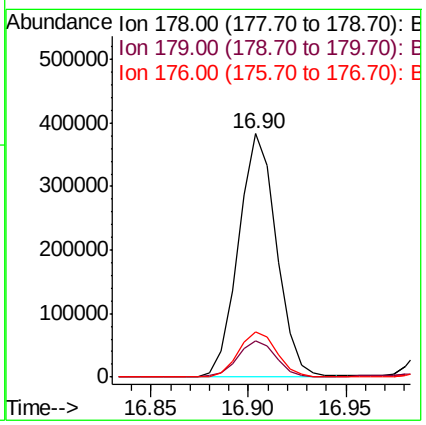


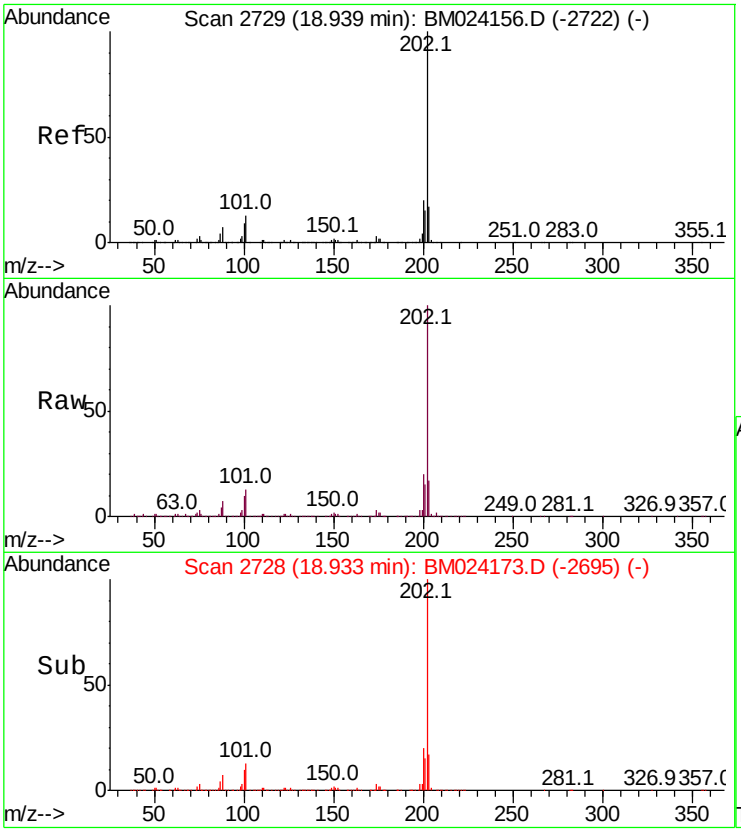


#70
Phenanthrene
Concen: 3.555 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Tgt Ion:178 Resp: 513311

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.7	15.1	22.7



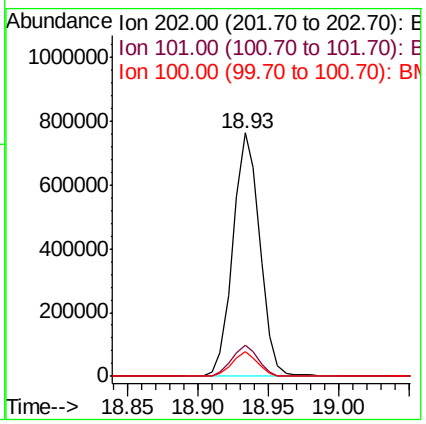


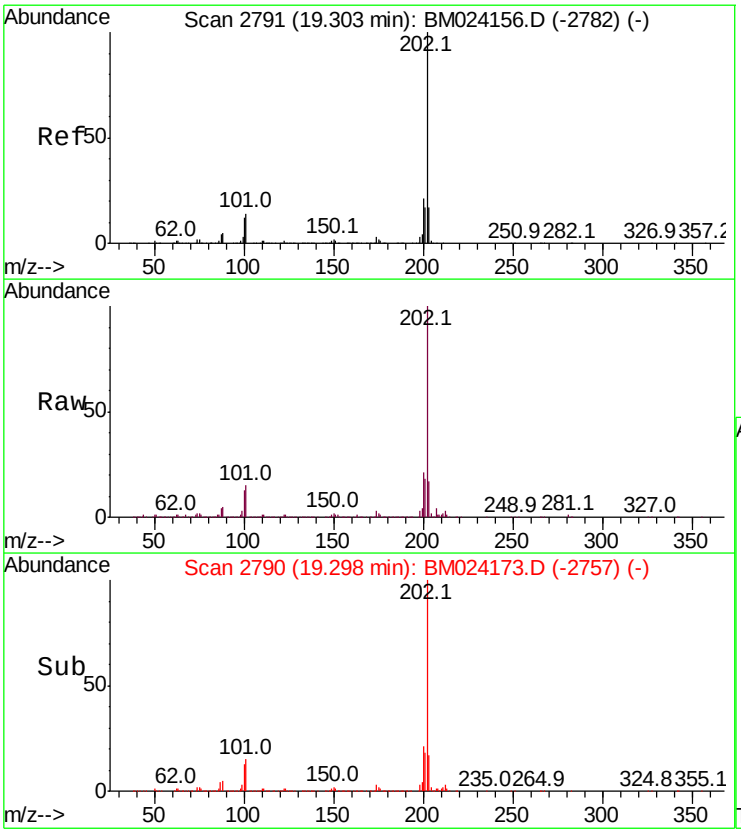
#77
Fluoranthene
Concen: 6.440 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Instrument :
BNA_M
ClientSampleId :
C0BZ2

Tgt Ion:202 Resp: 1013589

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.6	15.8
100	10.1	8.1	12.1

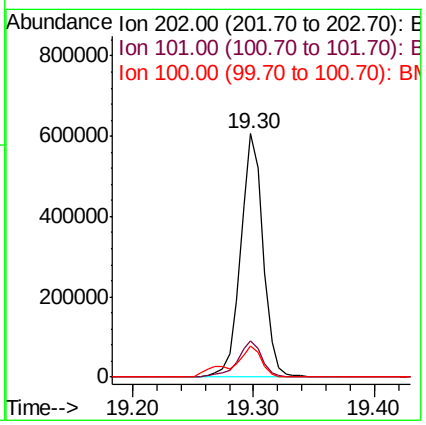


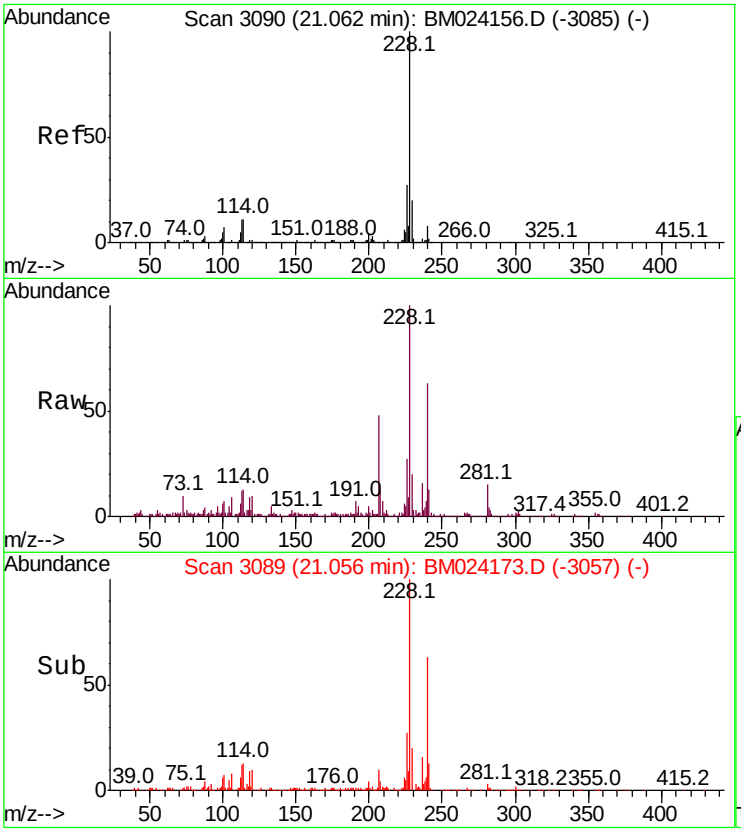


#80
Pyrene
Concen: 6.126 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Tgt Ion:202 Resp: 786289

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.2	18.4
100	12.7	10.0	15.0



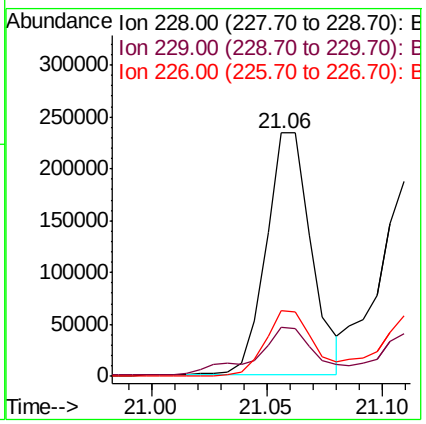


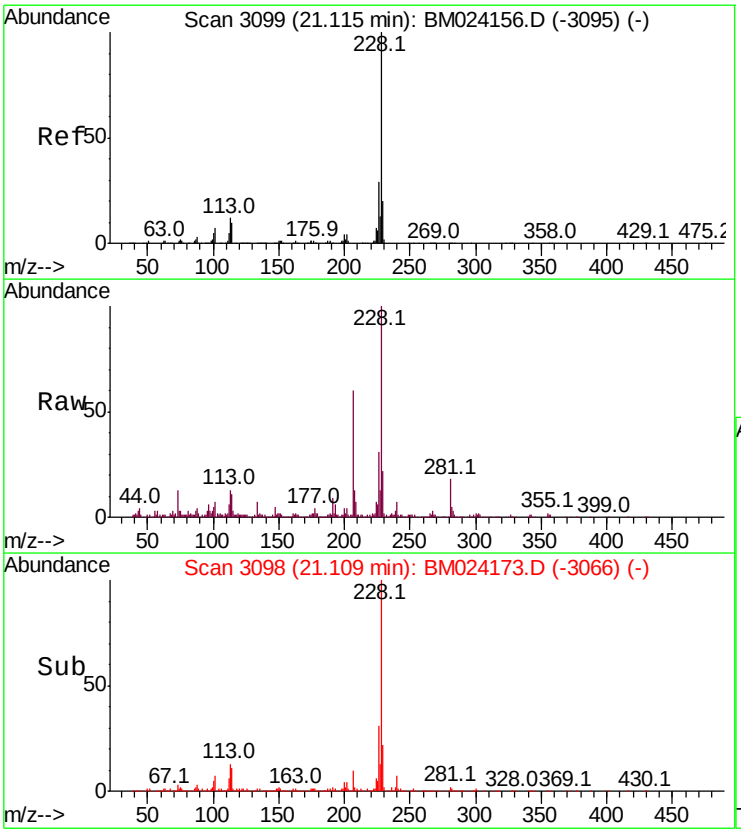
#83
Benzo(a)anthracene
Concen: 2.534 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Instrument :
BNA_M
ClientSampleId :
C0BZ2

Tgt Ion:228 Resp: 317448

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.1	22.2	33.2

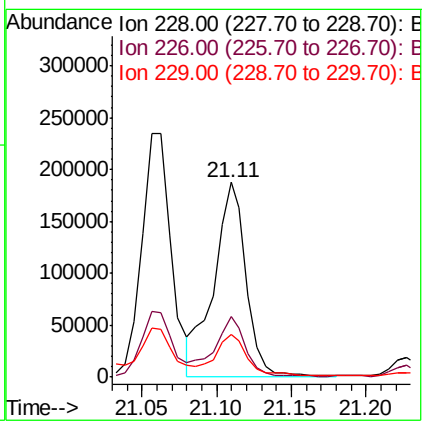


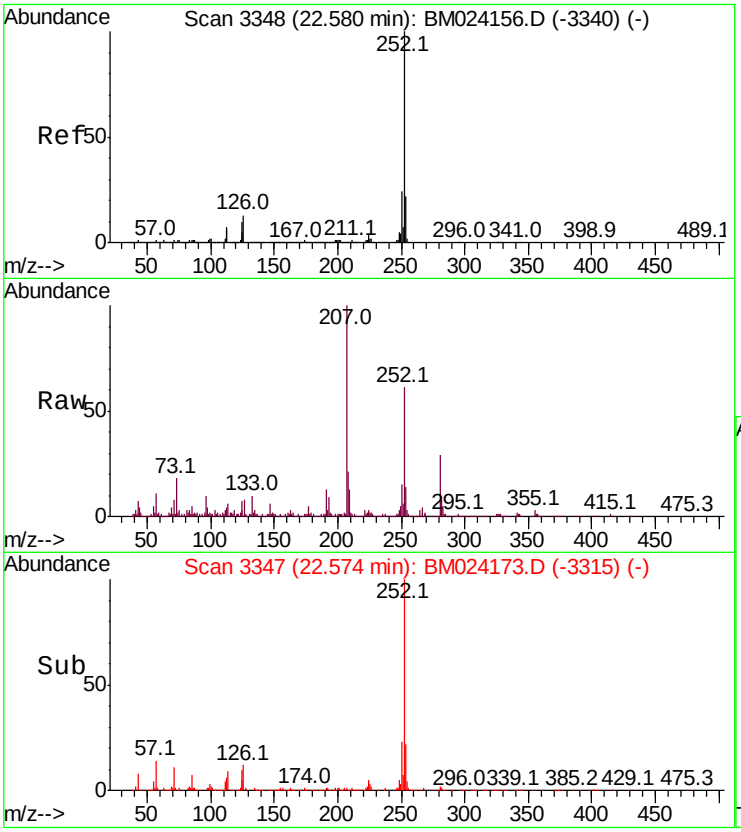


#85
Chrysene
Concen: 2.323 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Tgt Ion:228 Resp: 285194

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	21.8	15.4	23.2



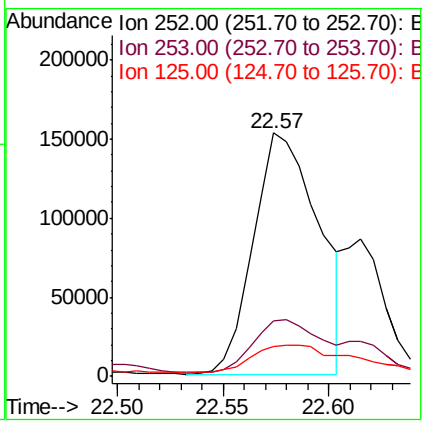


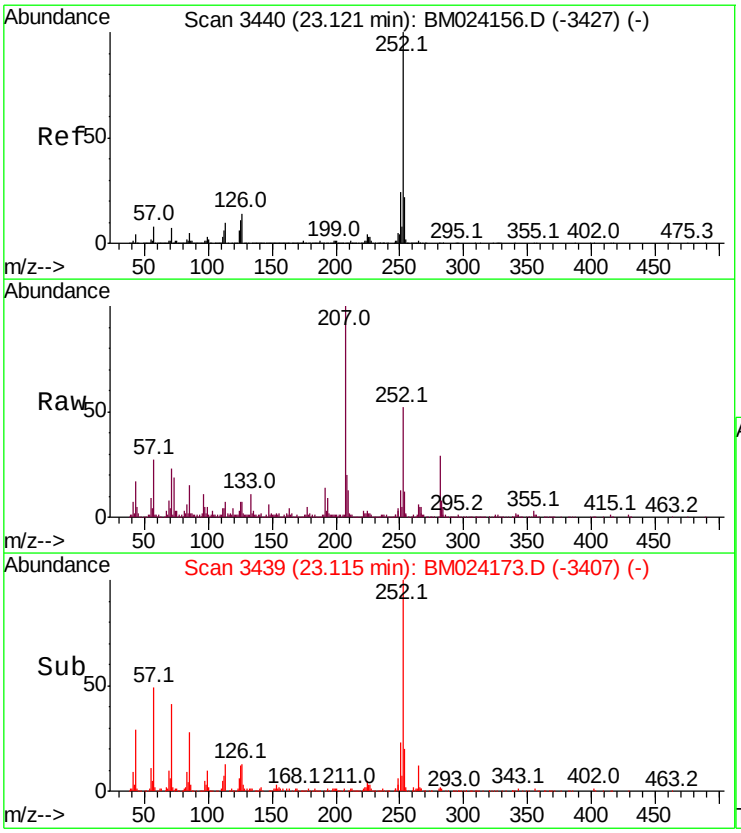
#88
Benzo(b)fluoranthene
Concen: 2.954 ng/ul
RT: 22.57 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Instrument :
BNA_M
ClientSampleId :
C0BZ2

Tgt Ion:252 Resp: 327749

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.2	7.8	11.8#

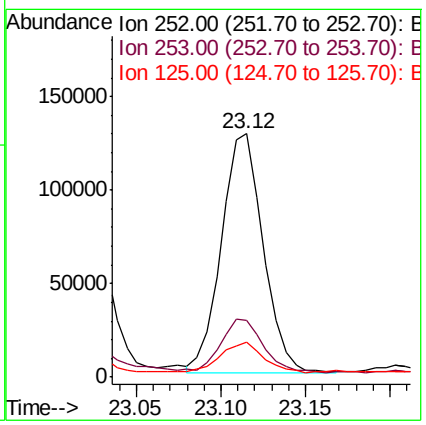


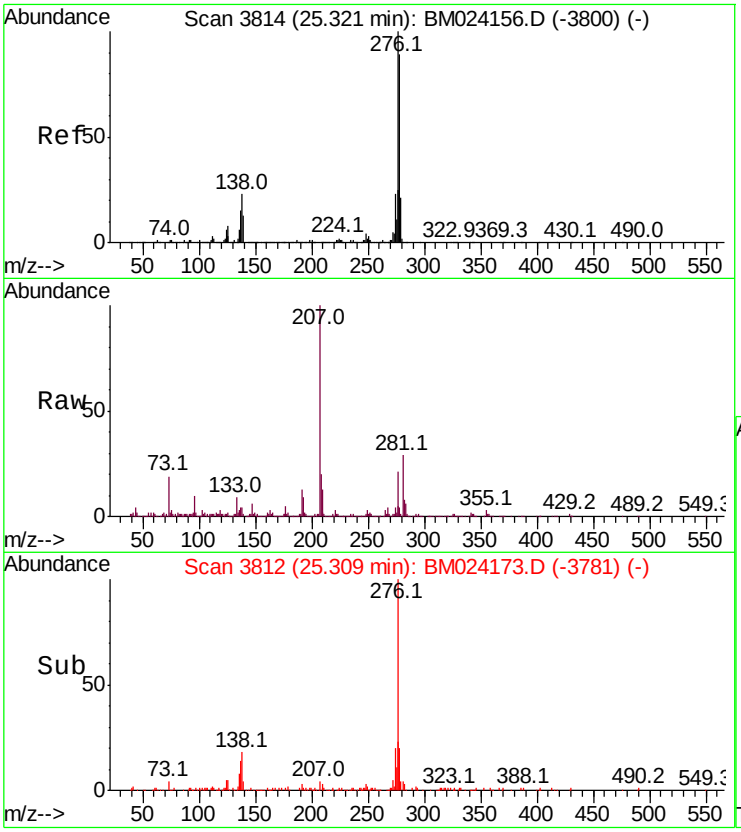


#91
Benzo(a)pyrene
Concen: 2.189 ng/ul
RT: 23.12 min Scan# 3439
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Tgt Ion:252 Resp: 219724

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	14.2	8.2	12.4#



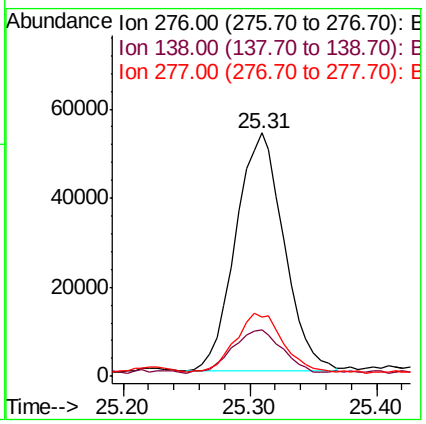


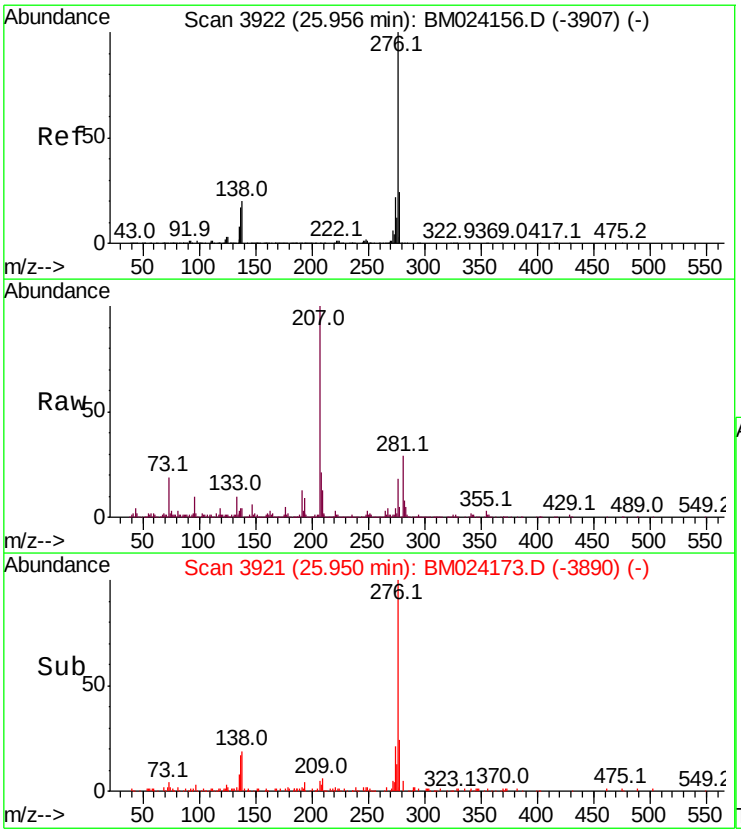
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.177 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. -0.02 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Instrument :
BNA_M
ClientSampleId :
C0BZ2

Tgt Ion:276 Resp: 141870

Ion	Ratio	Lower	Upper
276	100		
138	19.0	18.3	27.5
277	24.4	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 1.401 ng/ul
RT: 25.95 min Scan# 3921
Delta R.T. -0.02 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Tgt Ion:276 Resp: 137865

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.3	22.9
277	24.9	19.3	28.9